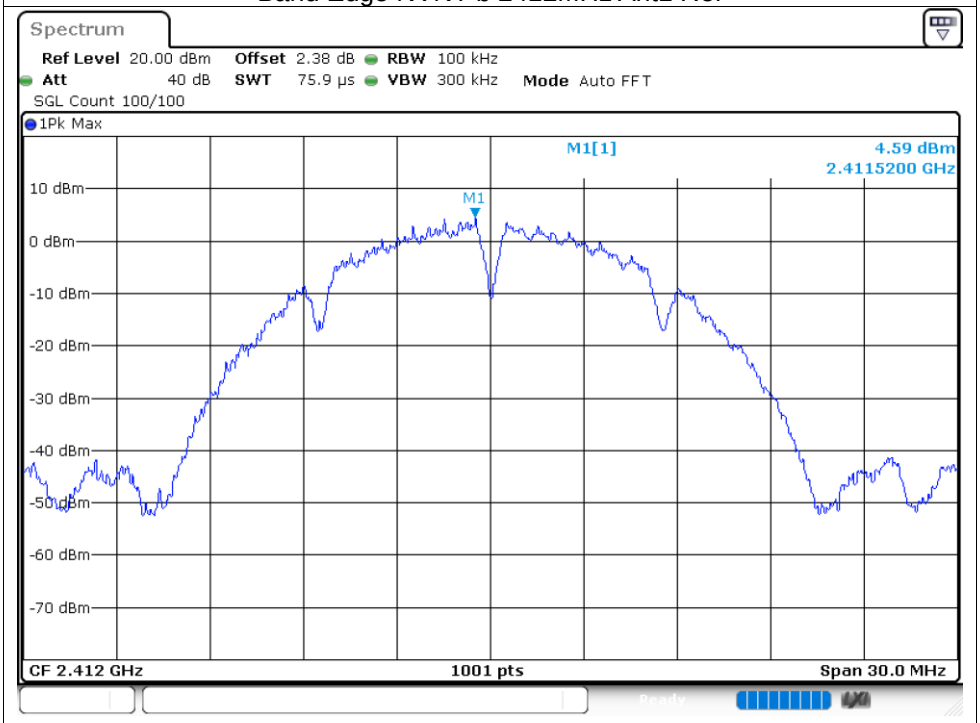
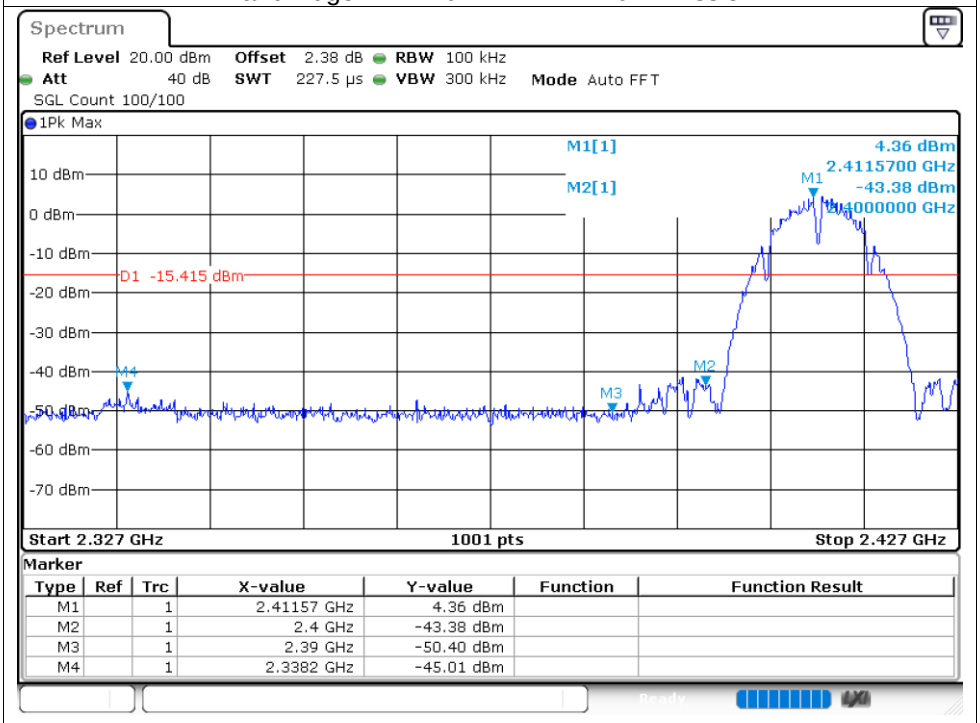
Test Graphs

Band Edge NVNT b 2412MHz Ant1 Ref



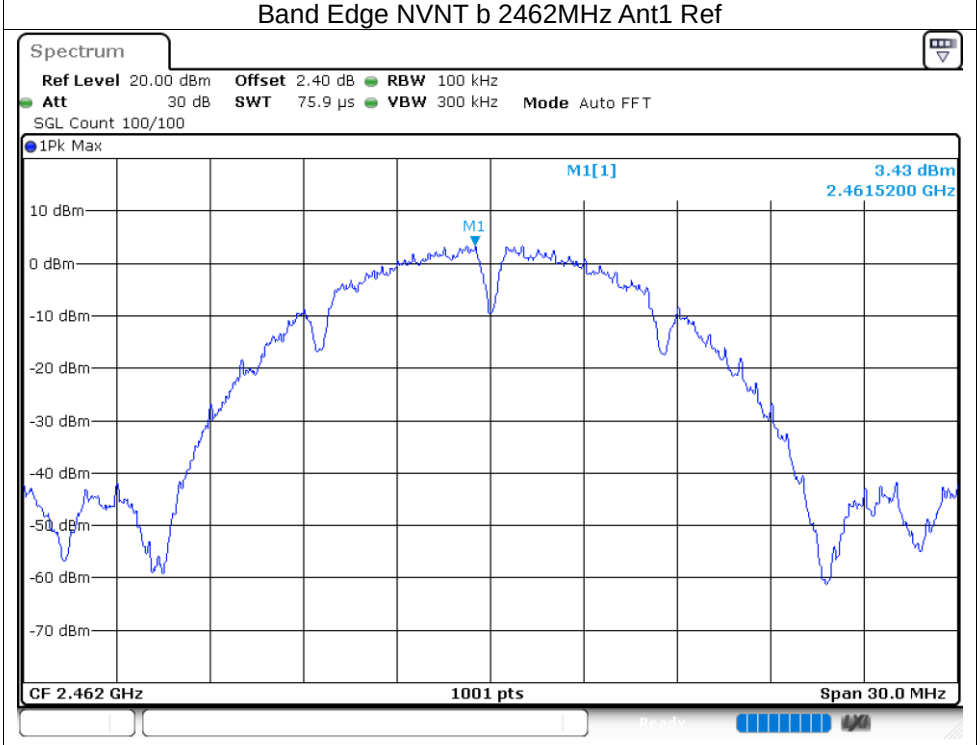
Band Edge NVNT b 2412MHz Ant1 Emission



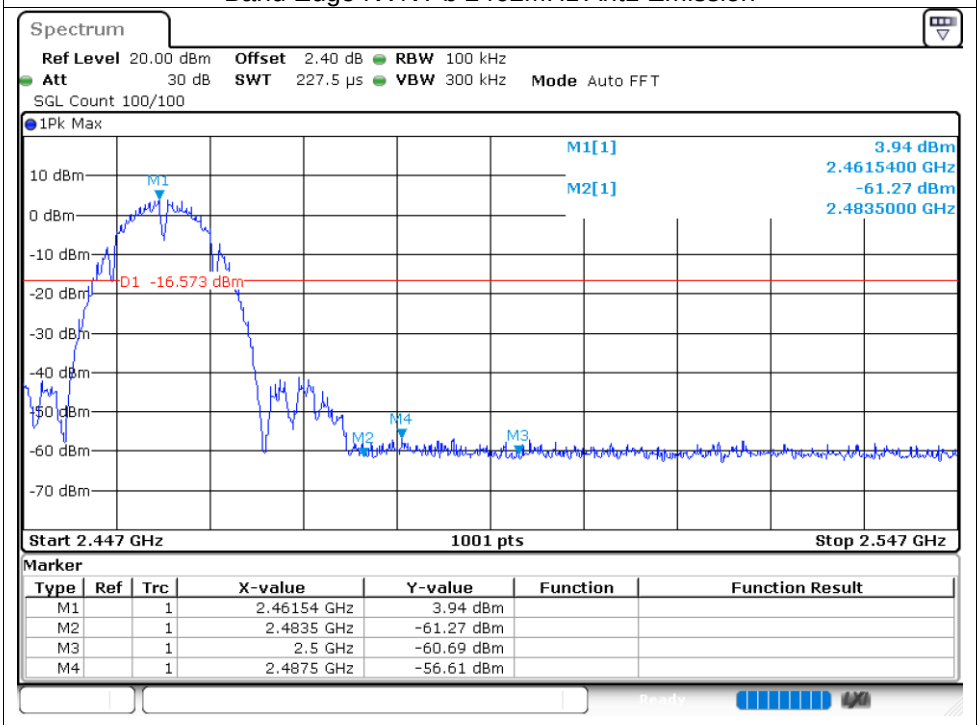
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41157 GHz	4.36 dBm		
M2		1	2.4 GHz	-43.38 dBm		
M3		1	2.39 GHz	-50.40 dBm		
M4		1	2.3382 GHz	-45.01 dBm		

Band Edge NVNT b 2462MHz Ant1 Ref



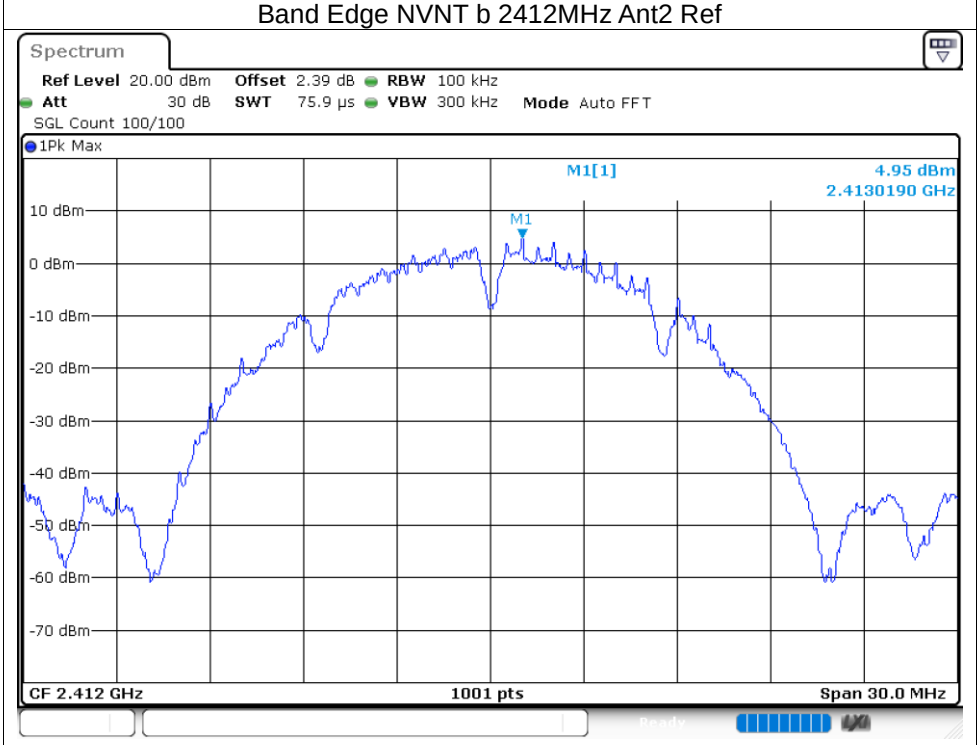
Band Edge NVNT b 2462MHz Ant1 Emission



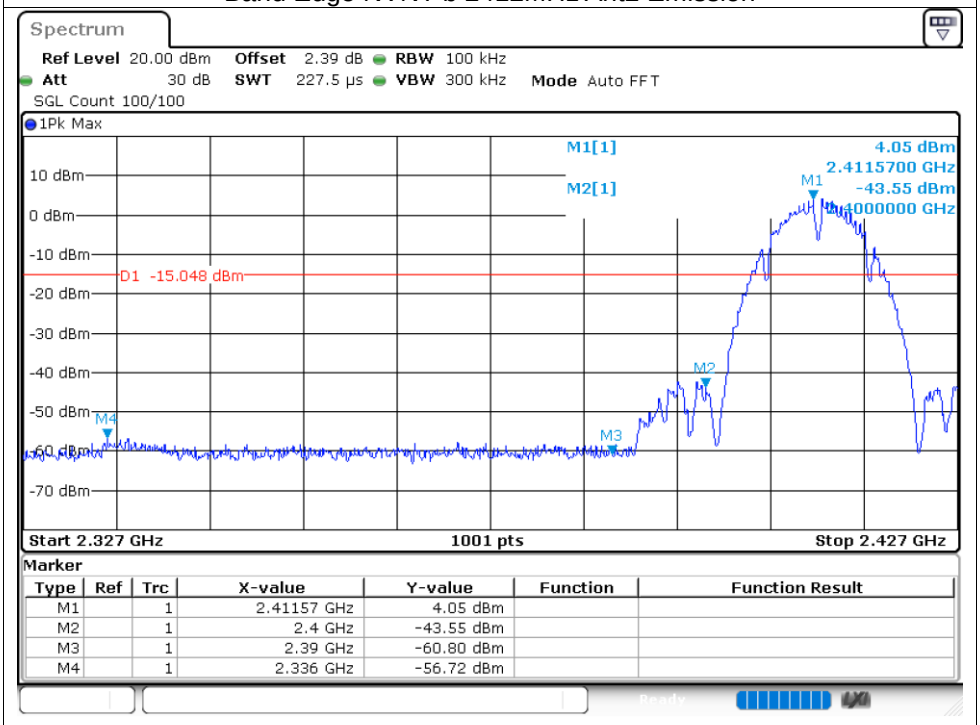
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46154 GHz	3.94 dBm		
M2		1	2.4835 GHz	-61.27 dBm		
M3		1	2.5 GHz	-60.69 dBm		
M4		1	2.4875 GHz	-56.61 dBm		

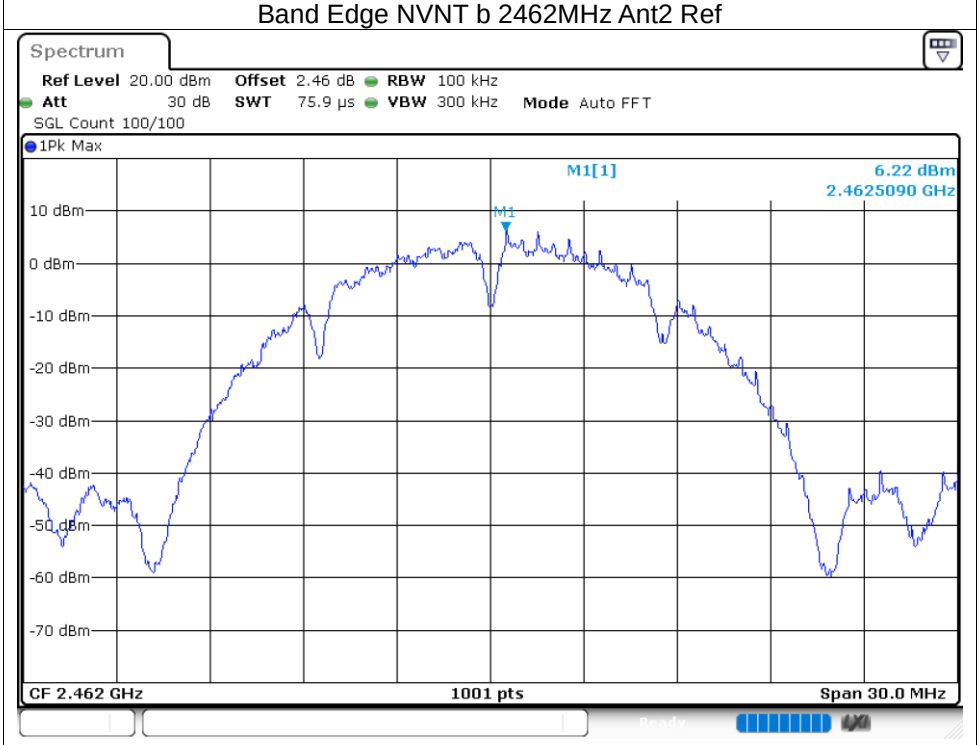
Band Edge NVNT b 2412MHz Ant2 Ref



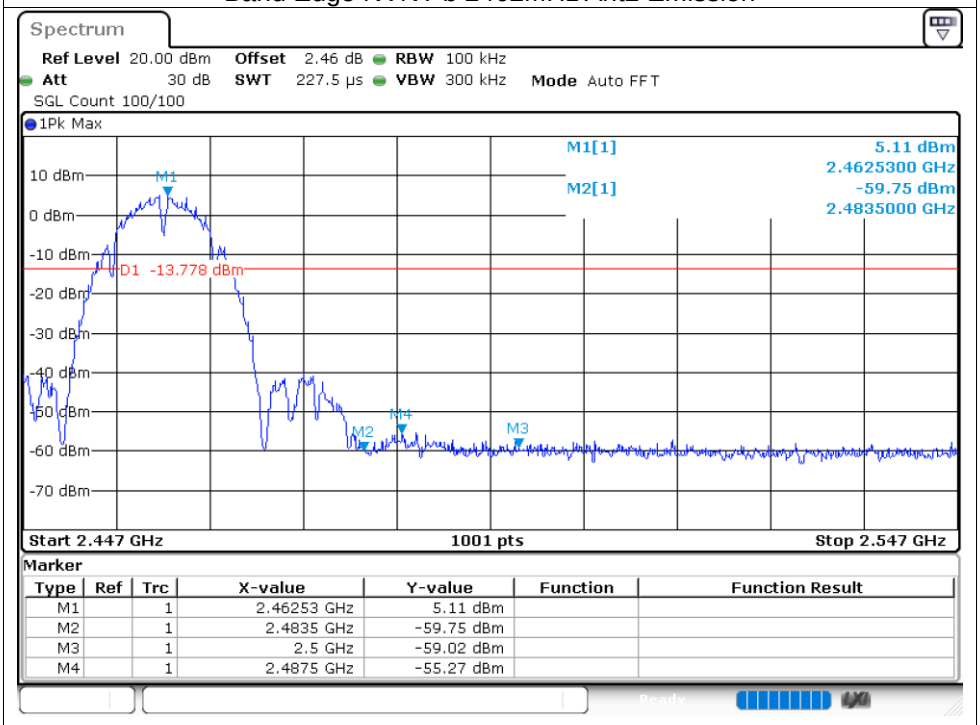
Band Edge NVNT b 2412MHz Ant2 Emission



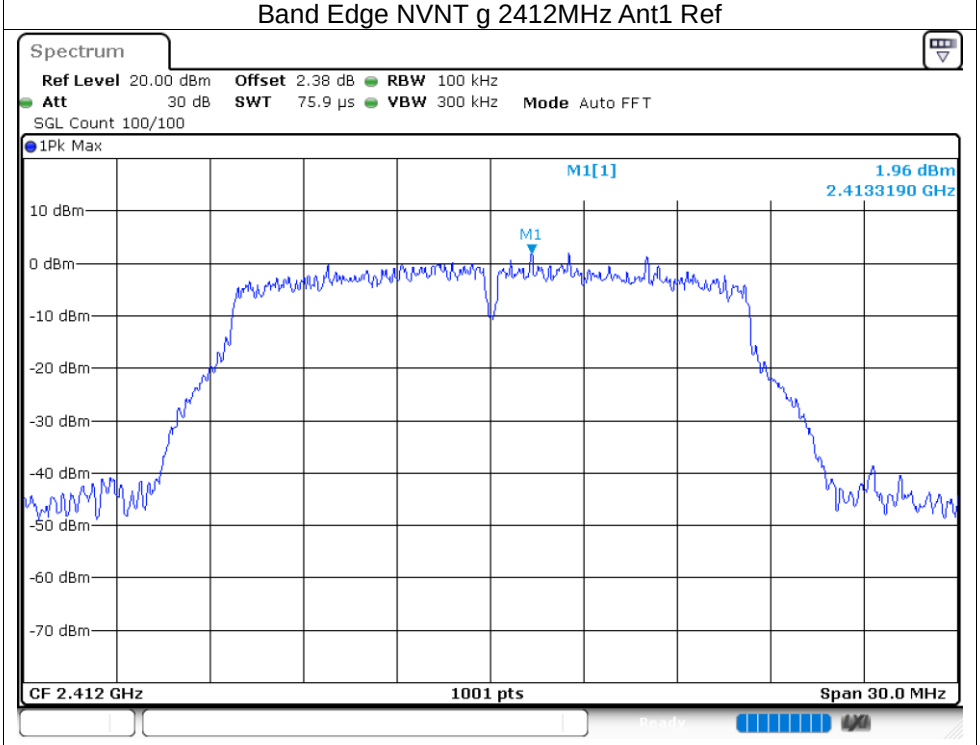
Band Edge NVNT b 2462MHz Ant2 Ref



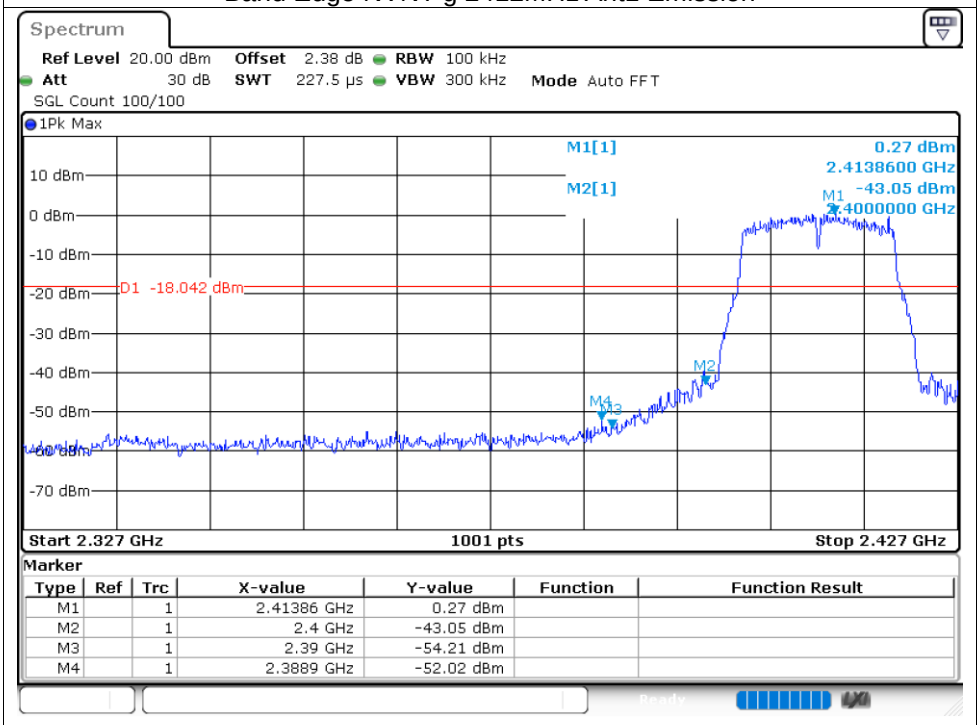
Band Edge NVNT b 2462MHz Ant2 Emission



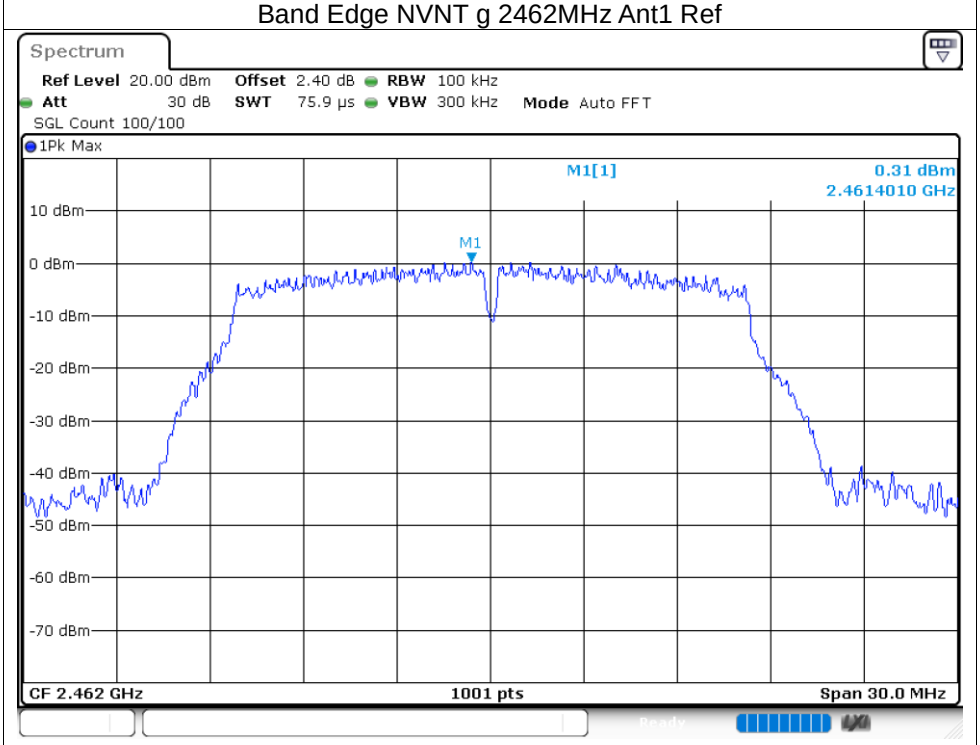
Band Edge NVNT g 2412MHz Ant1 Ref



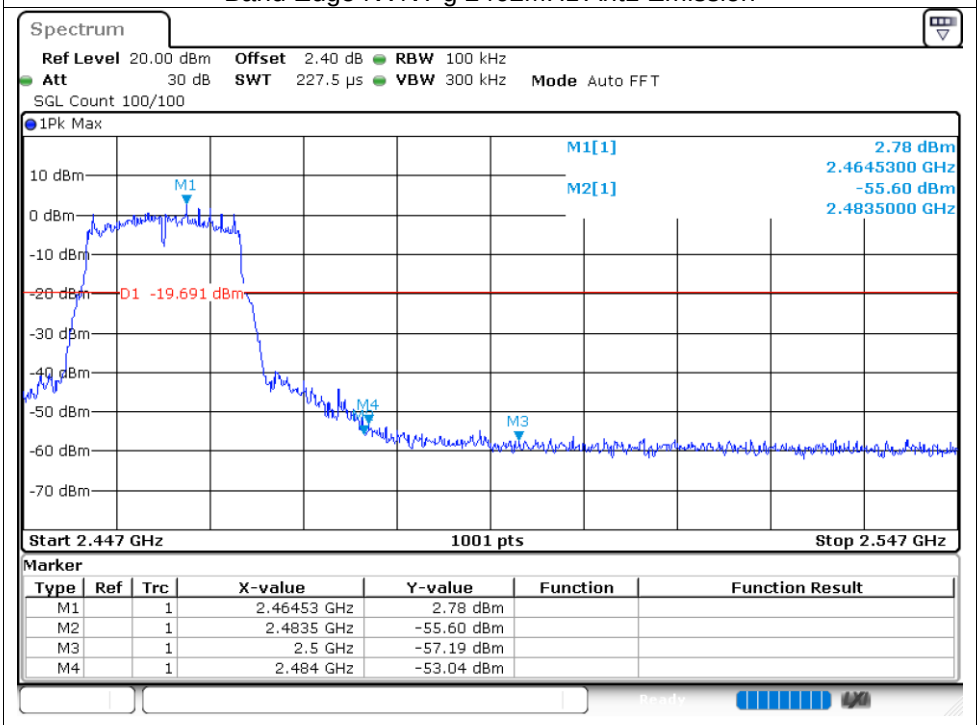
Band Edge NVNT g 2412MHz Ant1 Emission



Band Edge NVNT g 2462MHz Ant1 Ref

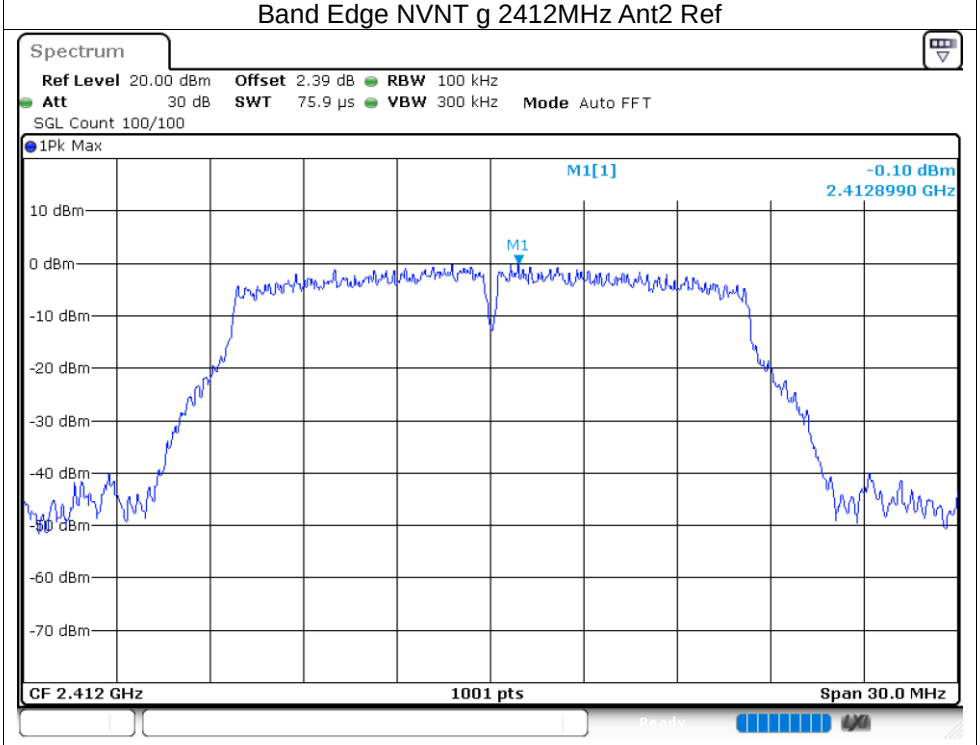


Band Edge NVNT g 2462MHz Ant1 Emission

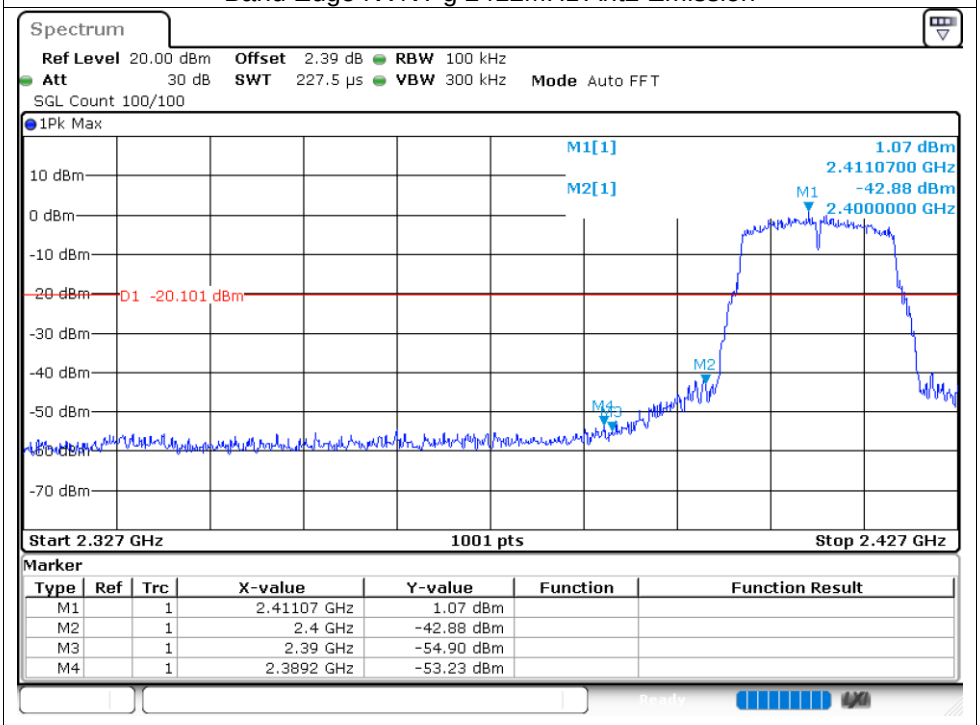


Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46453 GHz	2.78 dBm		
M2		1	2.4835 GHz	-55.60 dBm		
M3		1	2.5 GHz	-57.19 dBm		
M4		1	2.484 GHz	-53.04 dBm		

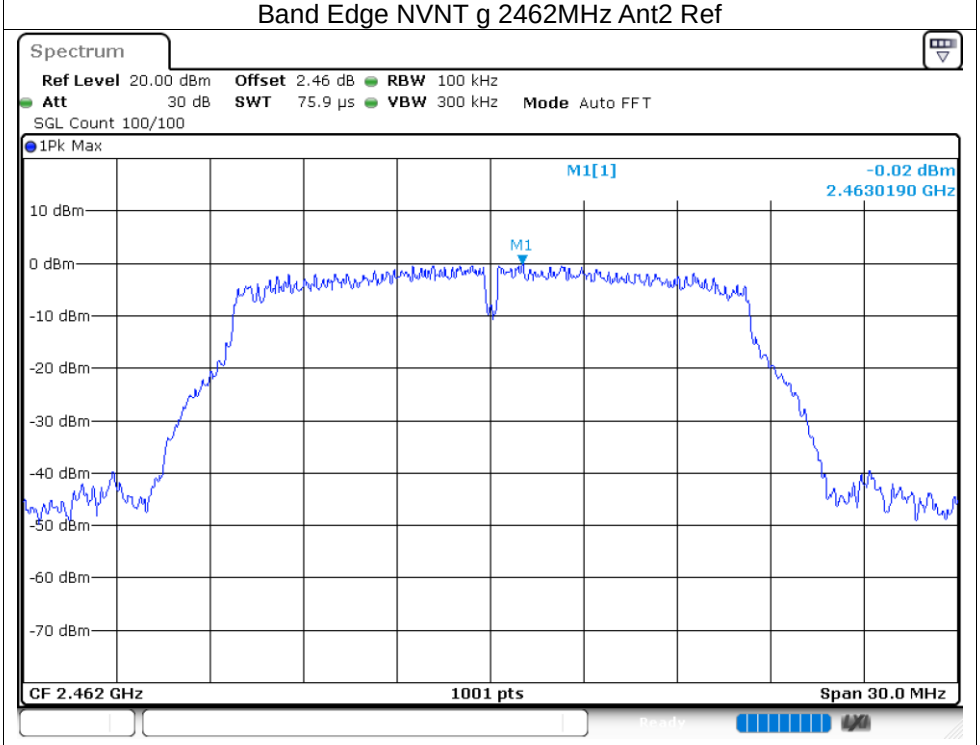
Band Edge NVNT g 2412MHz Ant2 Ref



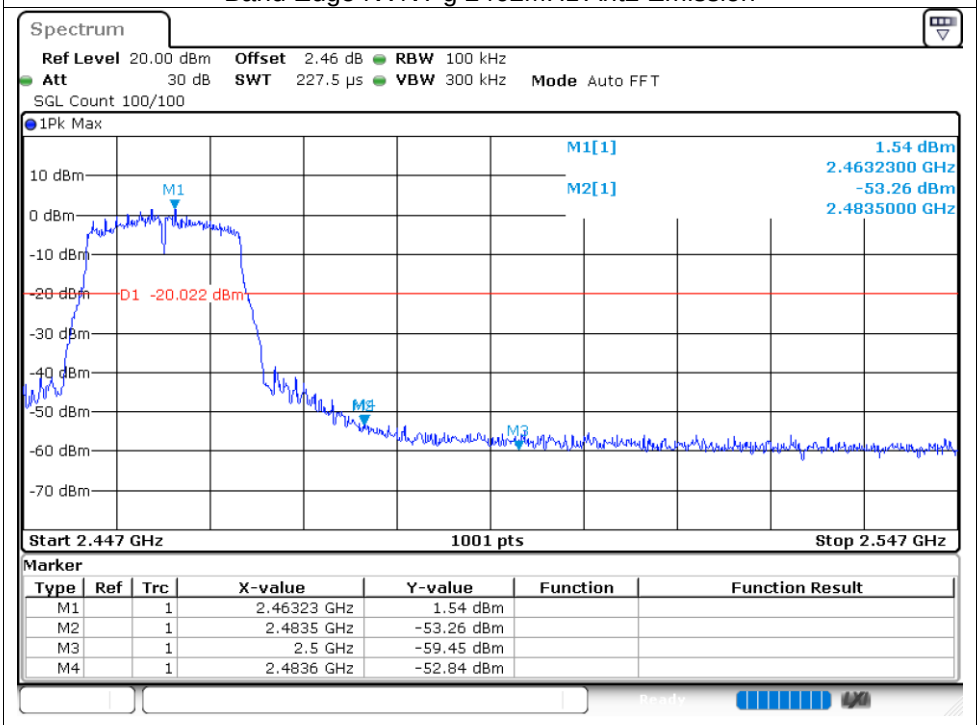
Band Edge NVNT g 2412MHz Ant2 Emission



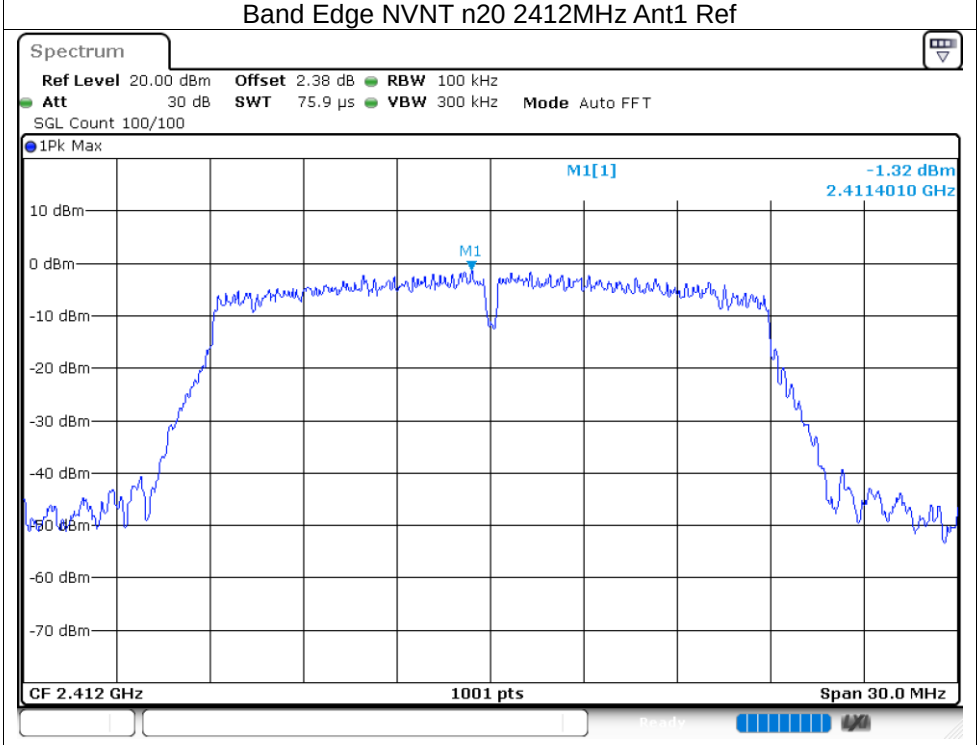
Band Edge NVNT g 2462MHz Ant2 Ref



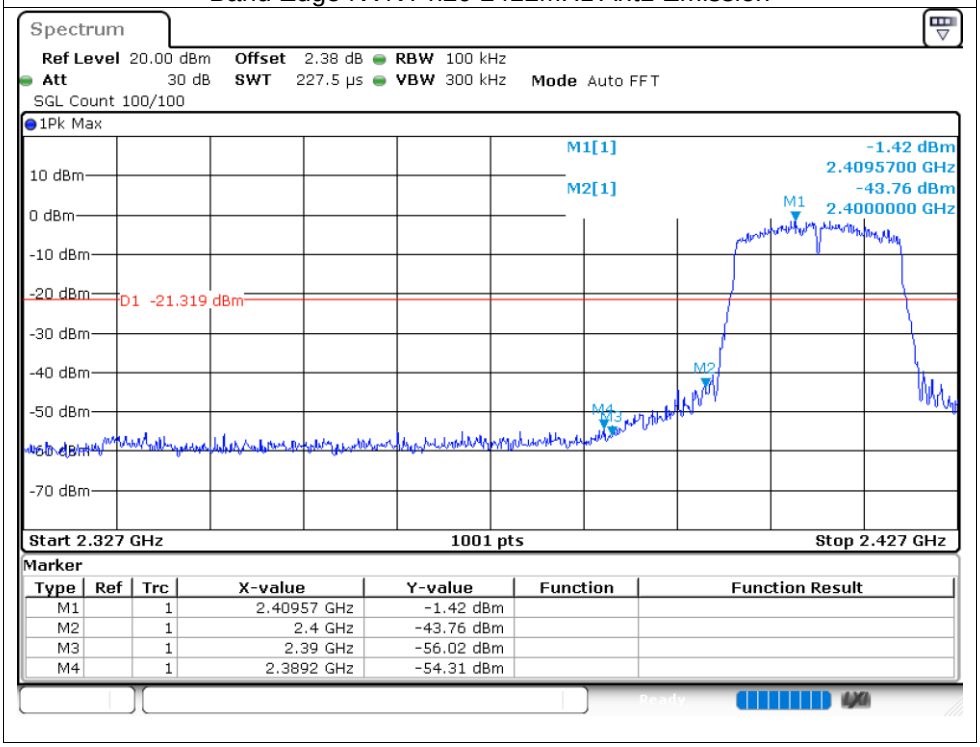
Band Edge NVNT g 2462MHz Ant2 Emission



Band Edge NVNT n20 2412MHz Ant1 Ref



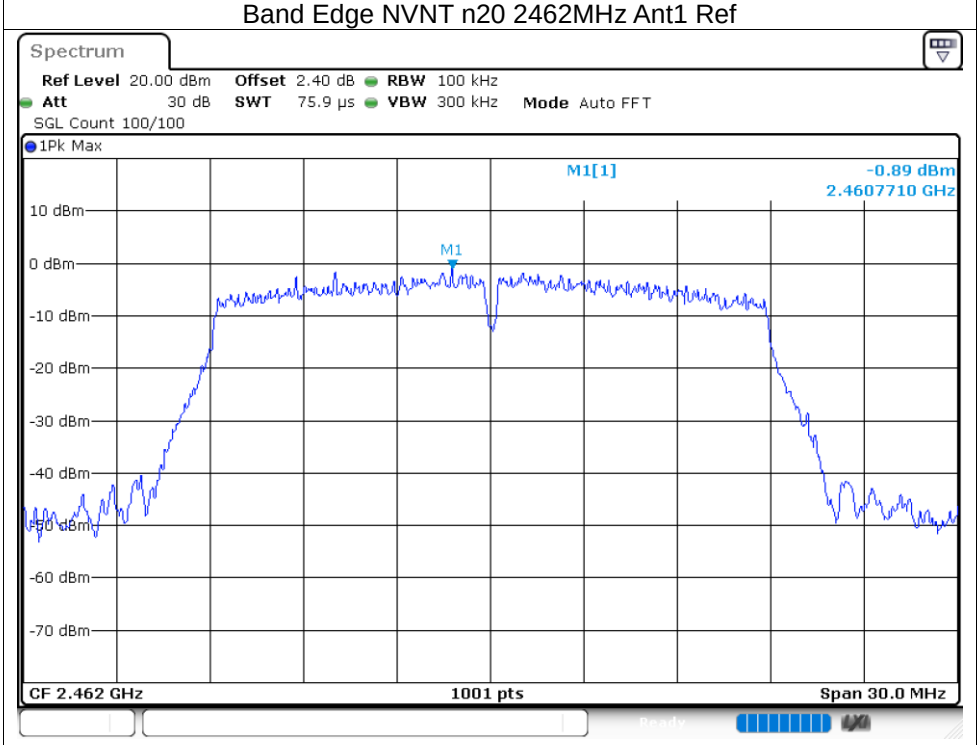
Band Edge NVNT n20 2412MHz Ant1 Emission



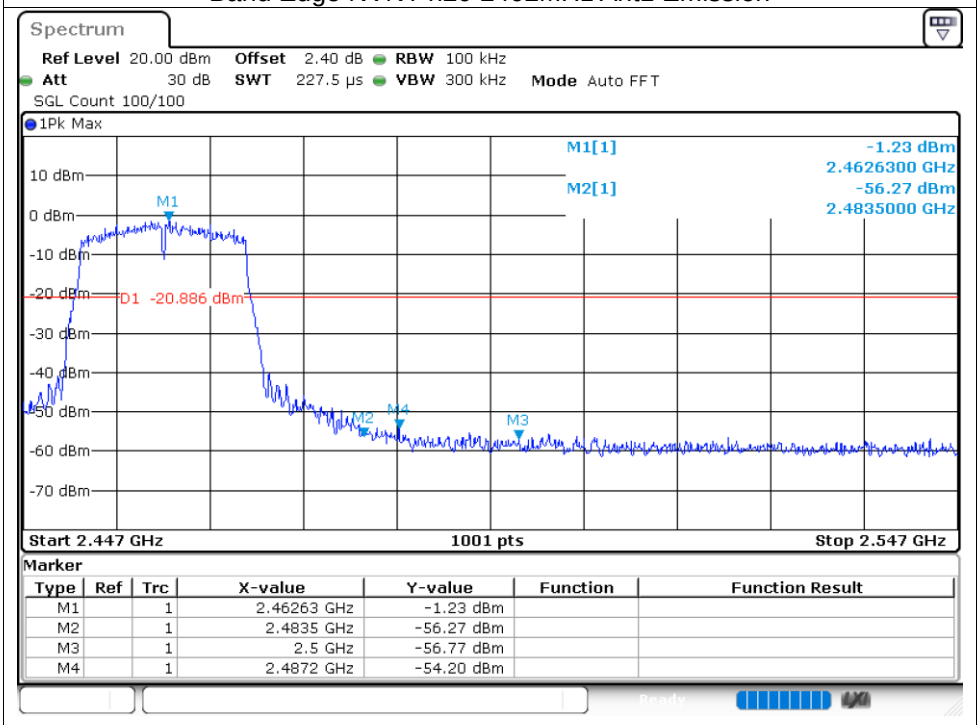
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40957 GHz	-1.42 dBm		
M2		1	2.4 GHz	-43.76 dBm		
M3		1	2.39 GHz	-56.02 dBm		
M4		1	2.3892 GHz	-54.31 dBm		

Band Edge NVNT n20 2462MHz Ant1 Ref



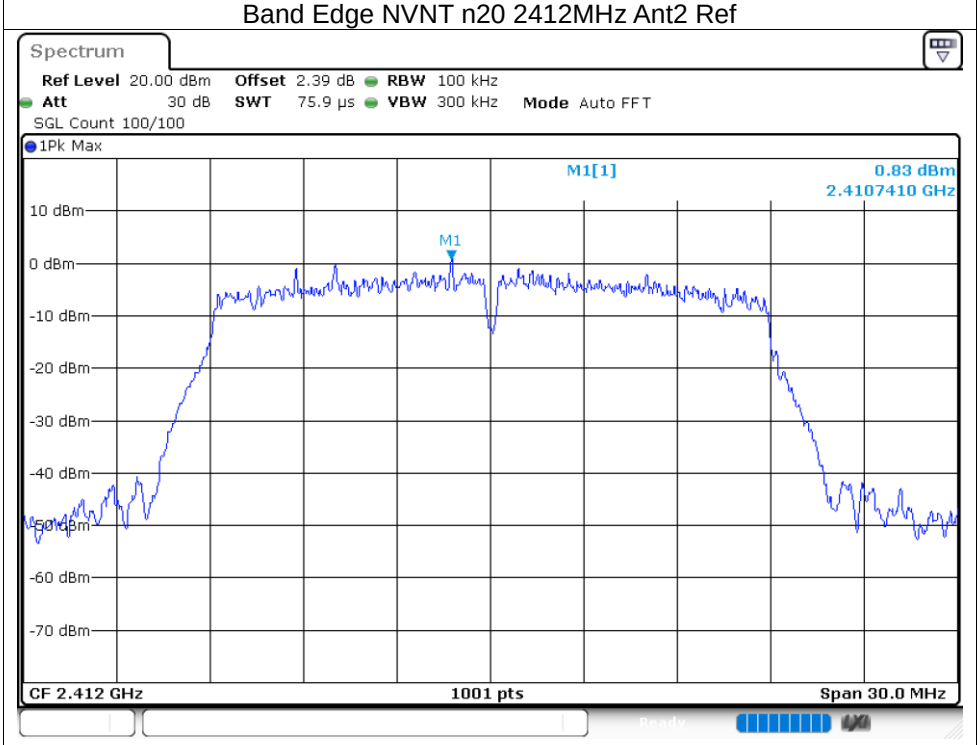
Band Edge NVNT n20 2462MHz Ant1 Emission



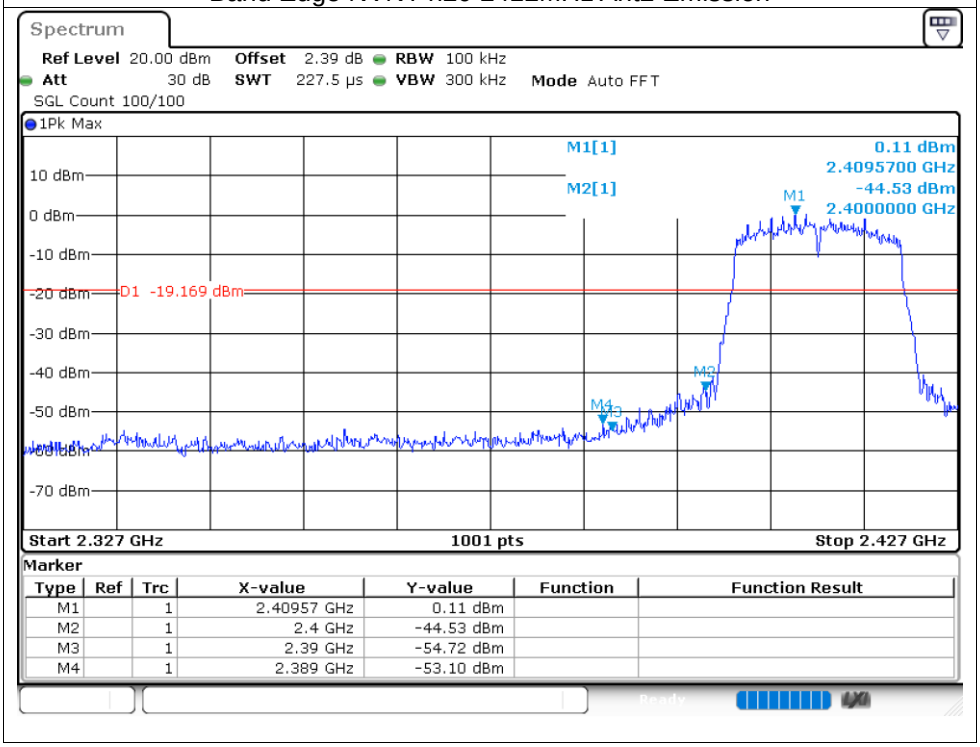
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46263 GHz	-1.23 dBm		
M2		1	2.4835 GHz	-56.27 dBm		
M3		1	2.5 GHz	-56.77 dBm		
M4		1	2.4872 GHz	-54.20 dBm		

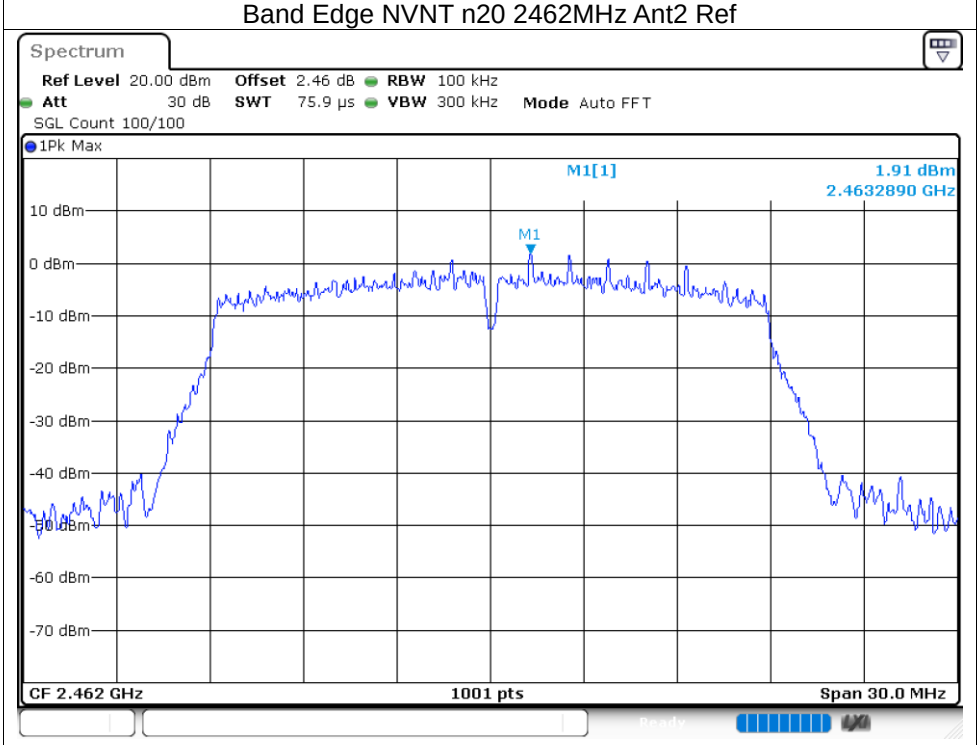
Band Edge NVNT n20 2412MHz Ant2 Ref



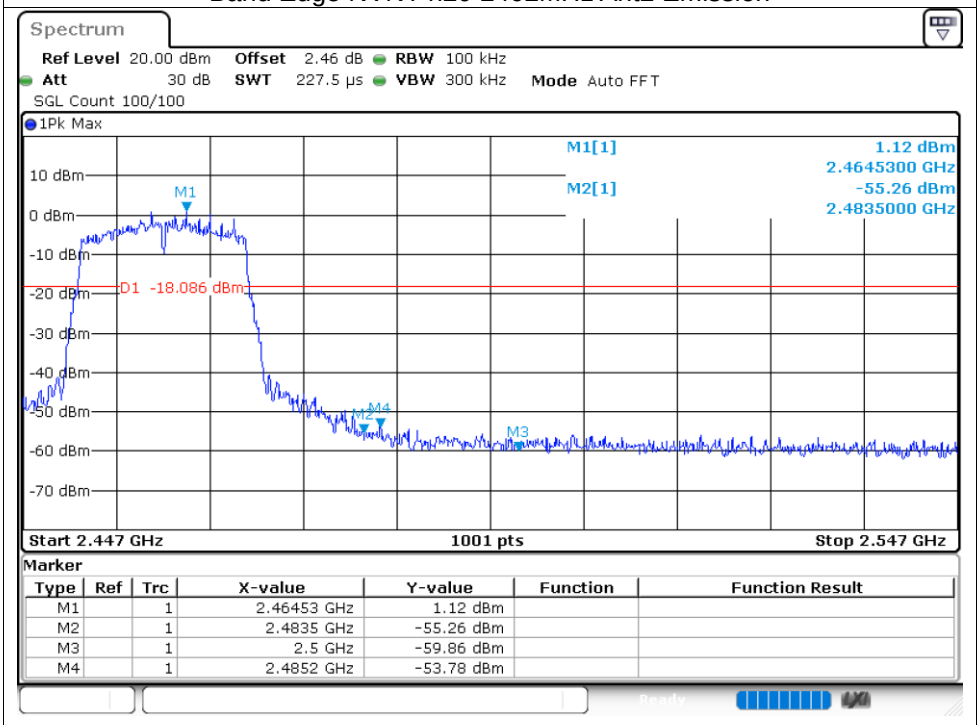
Band Edge NVNT n20 2412MHz Ant2 Emission



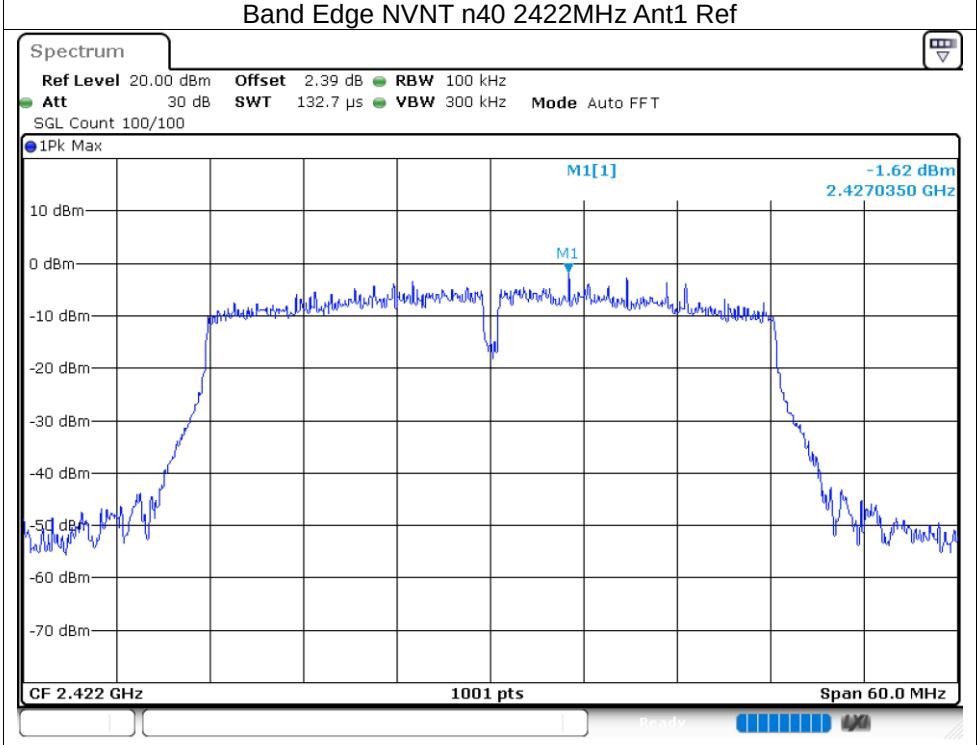
Band Edge NVNT n20 2462MHz Ant2 Ref



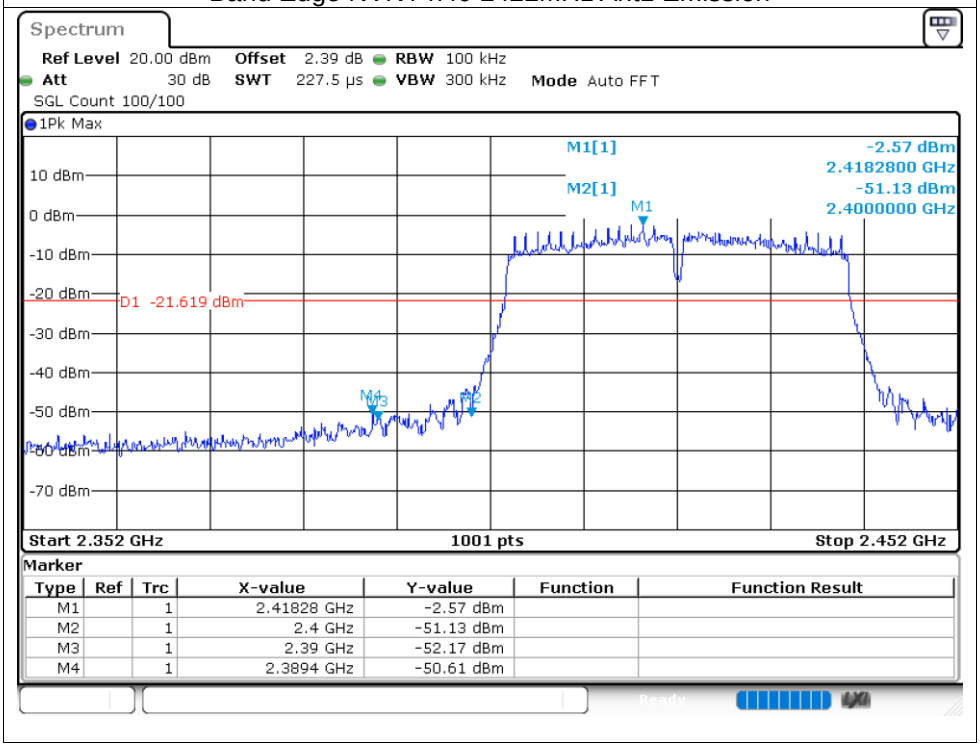
Band Edge NVNT n20 2462MHz Ant2 Emission



Band Edge NVNT n40 2422MHz Ant1 Ref

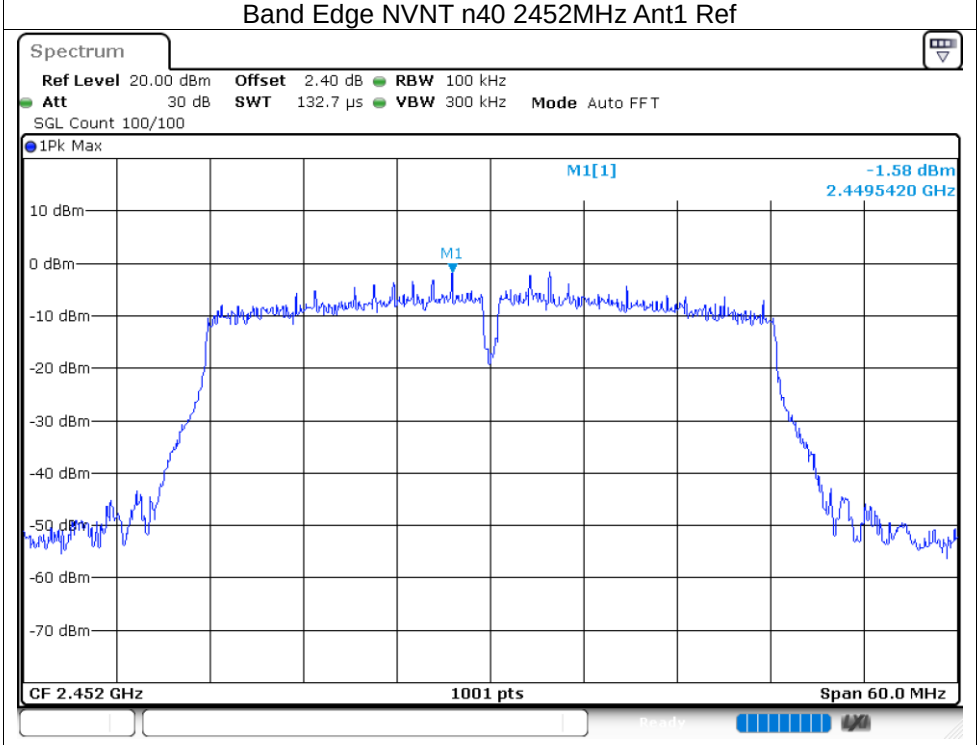


Band Edge NVNT n40 2422MHz Ant1 Emission

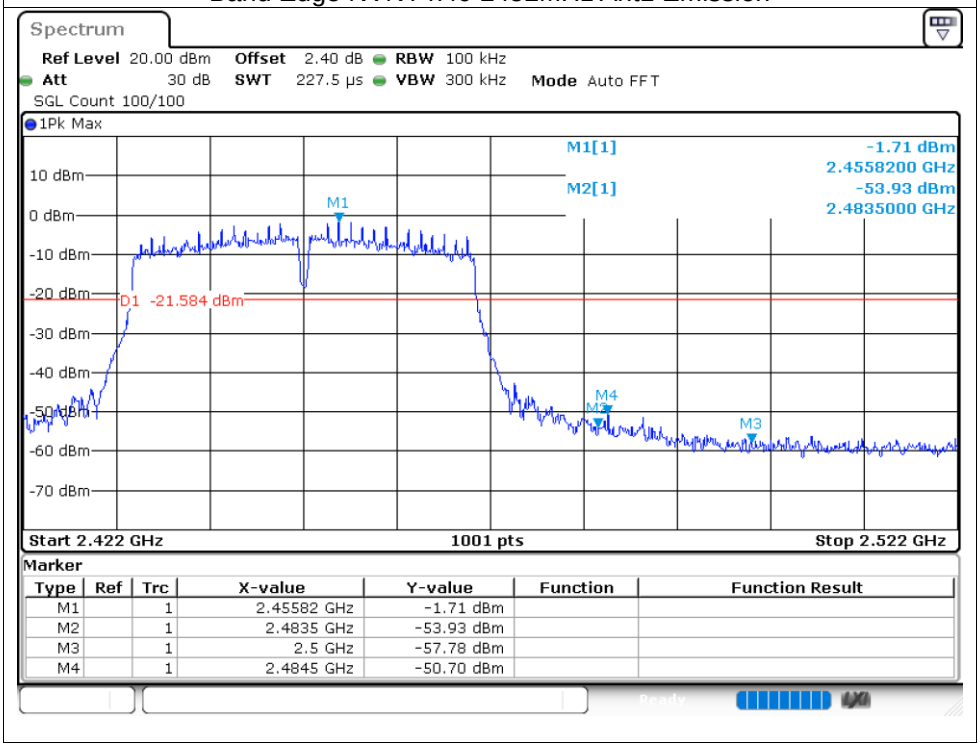


Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41828 GHz	-2.57 dBm		
M2		1	2.4 GHz	-51.13 dBm		
M3		1	2.39 GHz	-52.17 dBm		
M4		1	2.3894 GHz	-50.61 dBm		

Band Edge NVNT n40 2452MHz Ant1 Ref



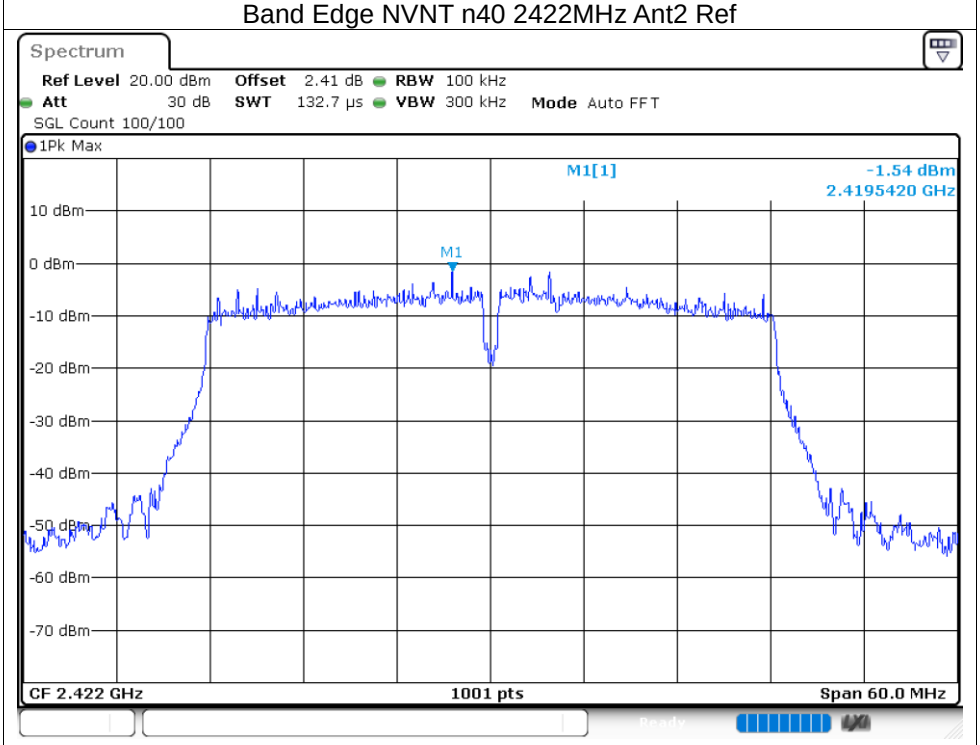
Band Edge NVNT n40 2452MHz Ant1 Emission



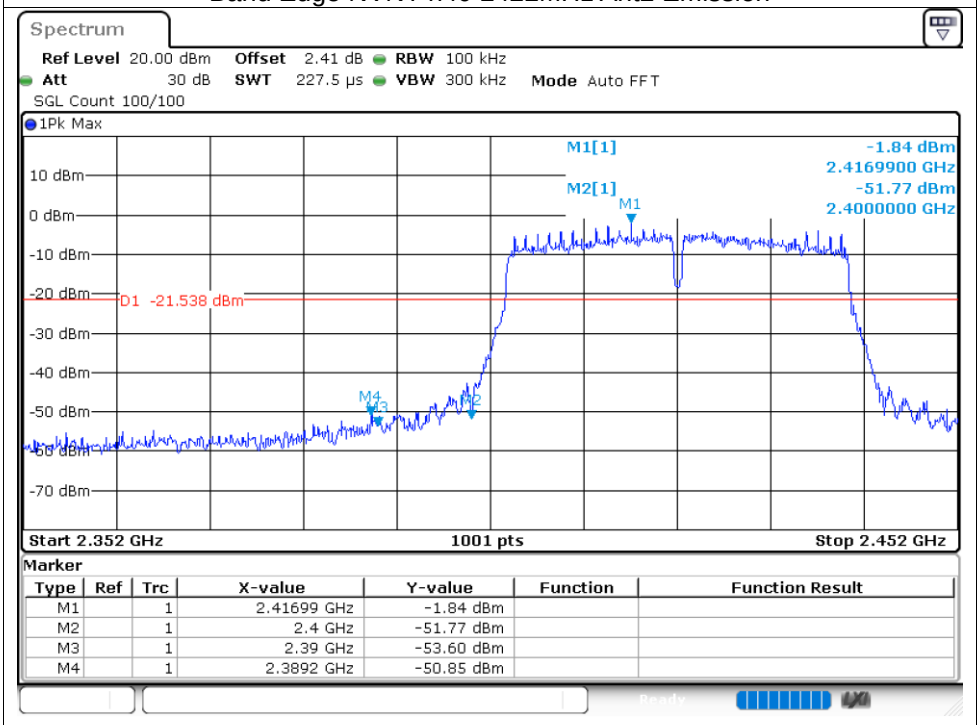
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45582 GHz	-1.71 dBm		
M2		1	2.4835 GHz	-53.93 dBm		
M3		1	2.5 GHz	-57.78 dBm		
M4		1	2.4845 GHz	-50.70 dBm		

Band Edge NVNT n40 2422MHz Ant2 Ref

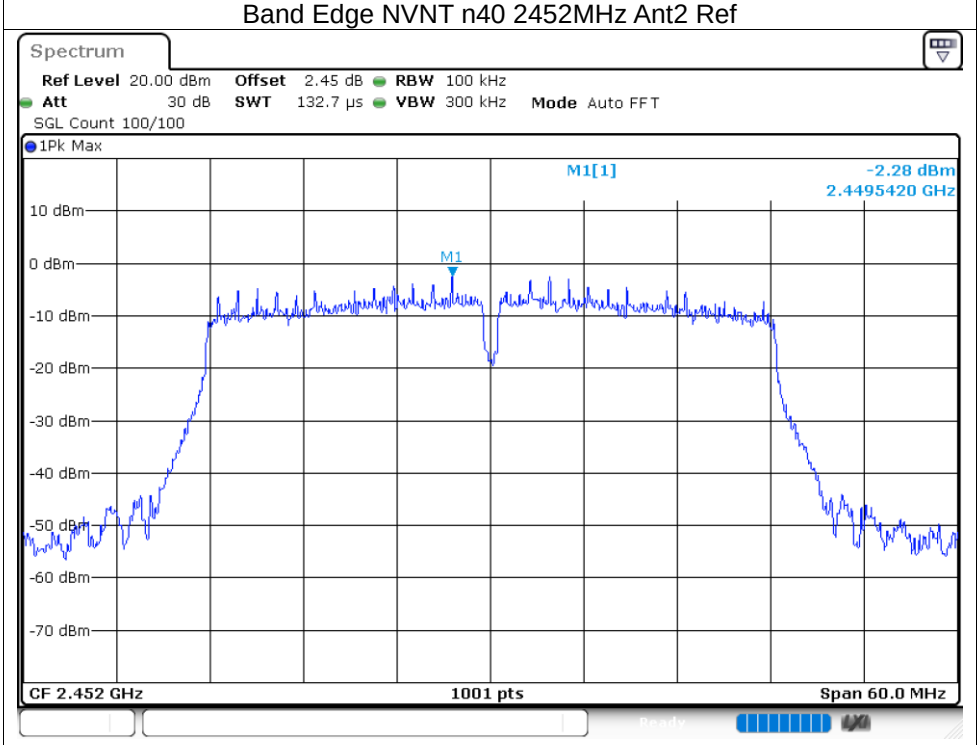


Band Edge NVNT n40 2422MHz Ant2 Emission

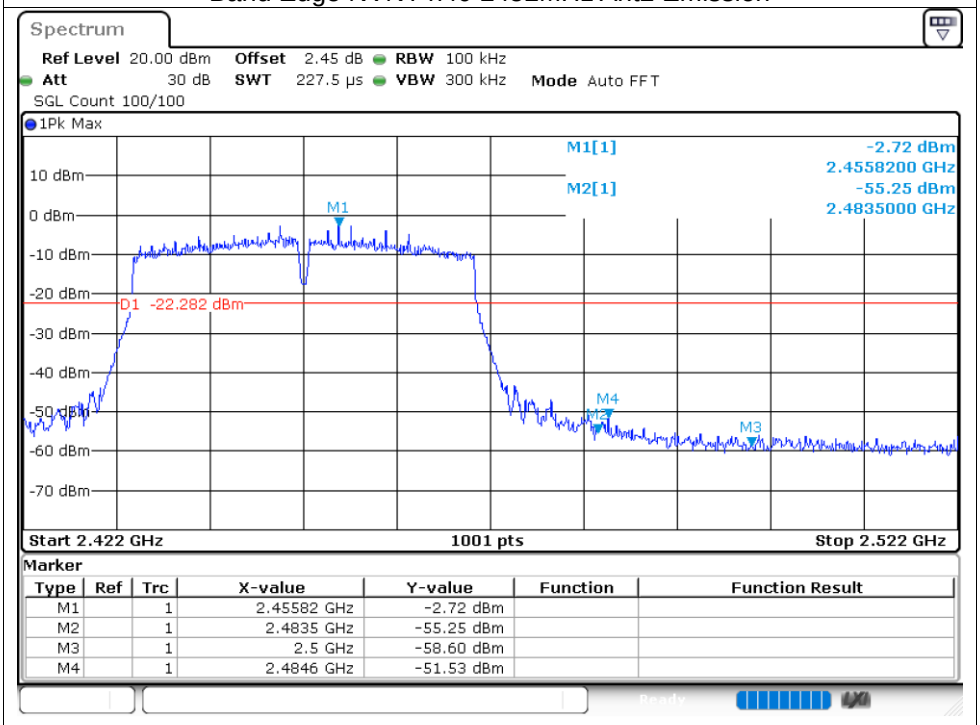


Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41699 GHz	-1.84 dBm		
M2		1	2.4 GHz	-51.77 dBm		
M3		1	2.39 GHz	-53.60 dBm		
M4		1	2.3892 GHz	-50.85 dBm		

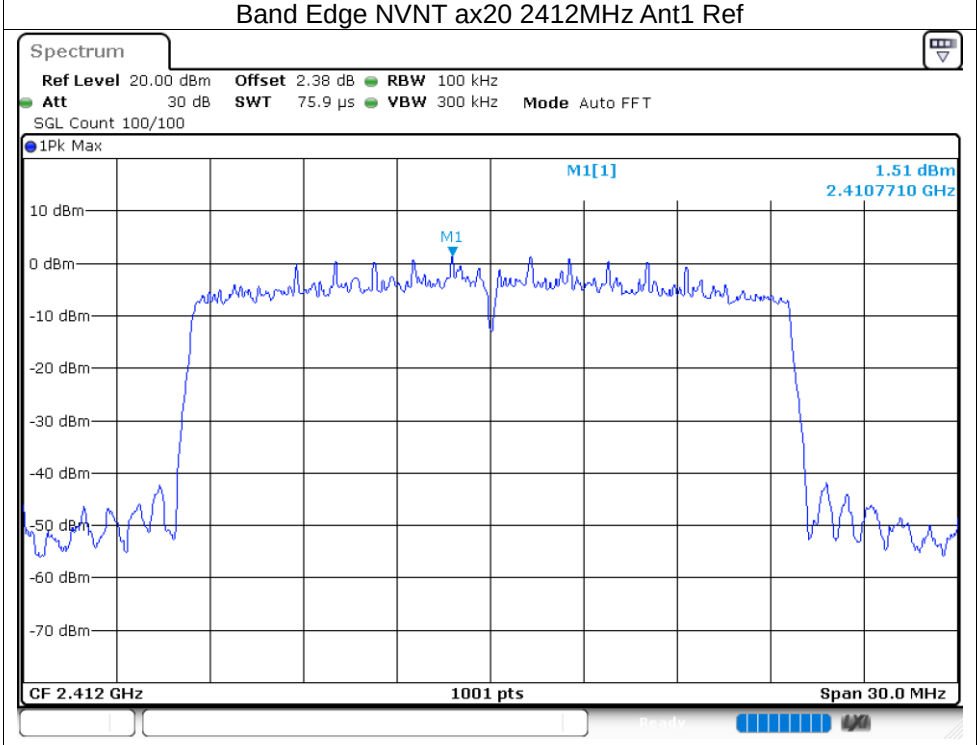
Band Edge NVNT n40 2452MHz Ant2 Ref



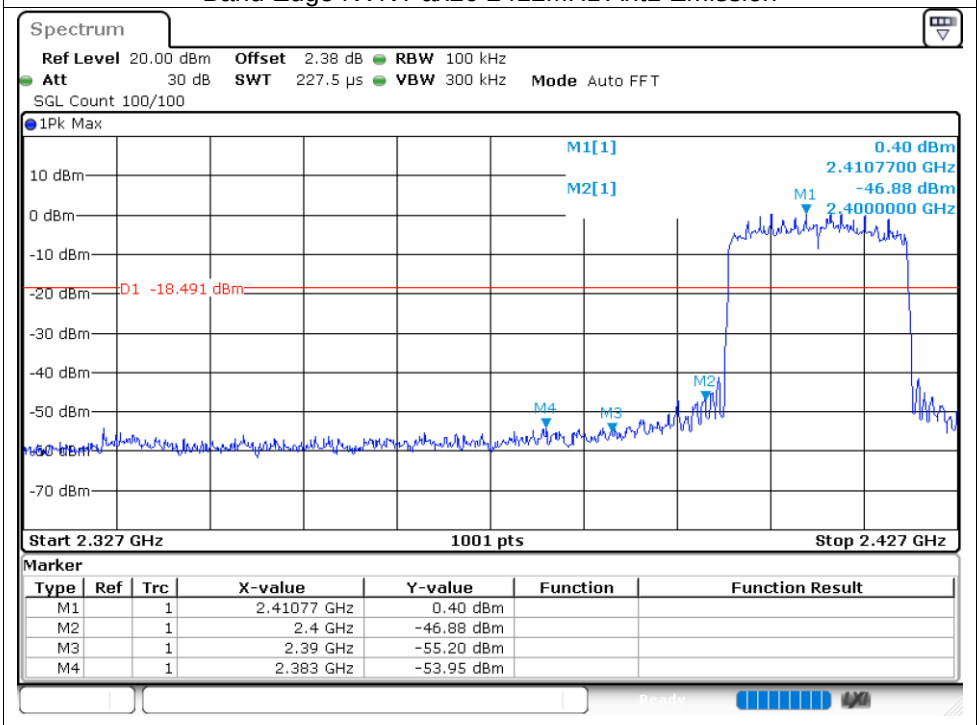
Band Edge NVNT n40 2452MHz Ant2 Emission



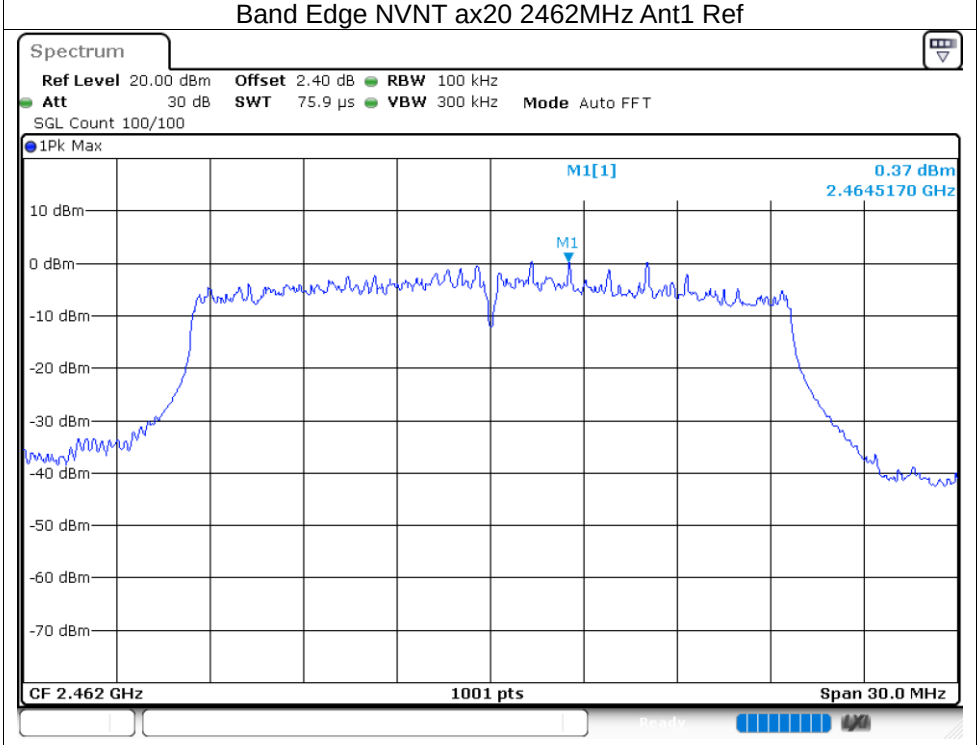
Band Edge NVNT ax20 2412MHz Ant1 Ref



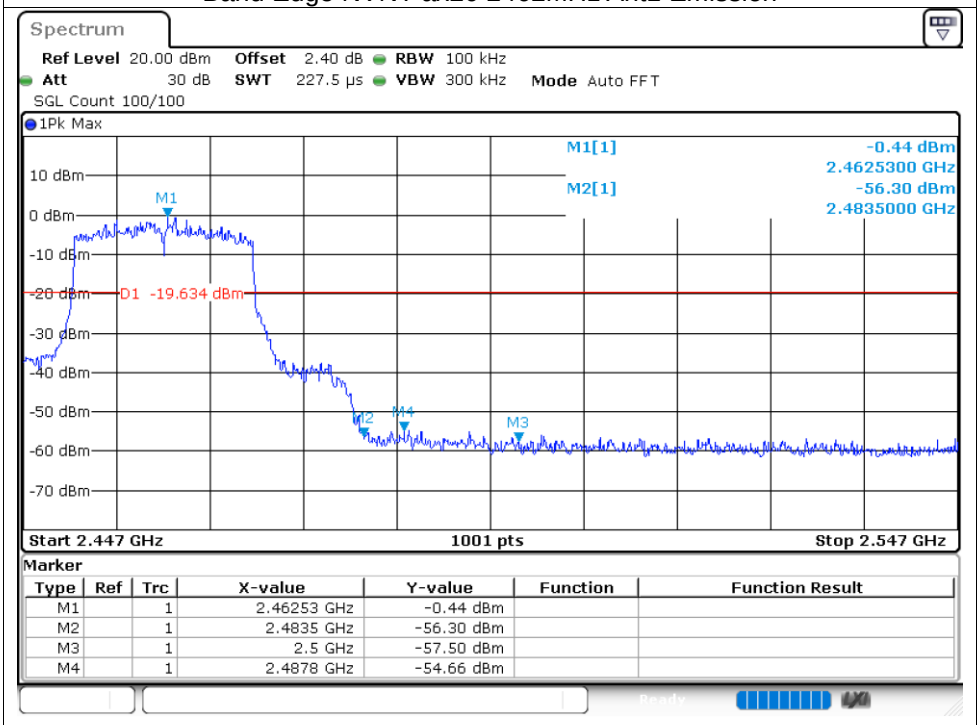
Band Edge NVNT ax20 2412MHz Ant1 Emission



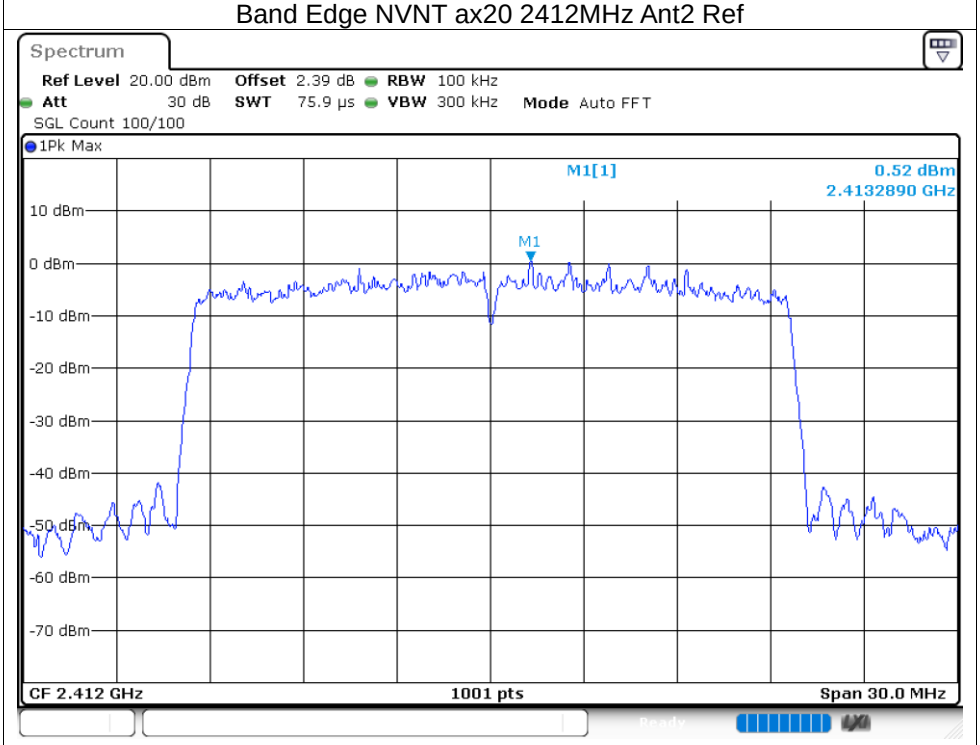
Band Edge NVNT ax20 2462MHz Ant1 Ref



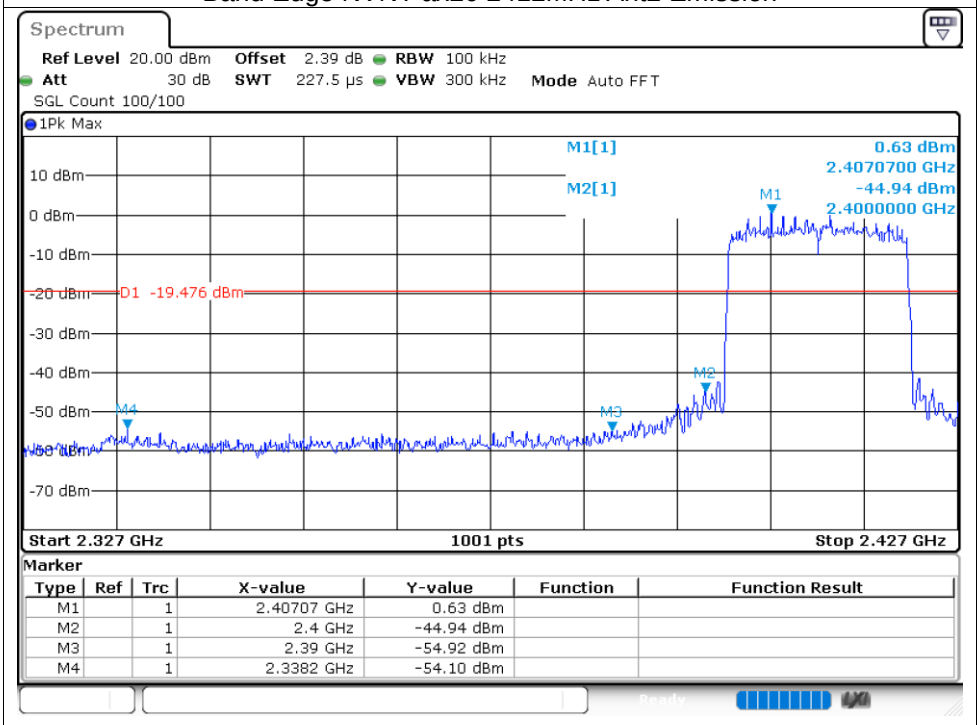
Band Edge NVNT ax20 2462MHz Ant1 Emission



Band Edge NVNT ax20 2412MHz Ant2 Ref



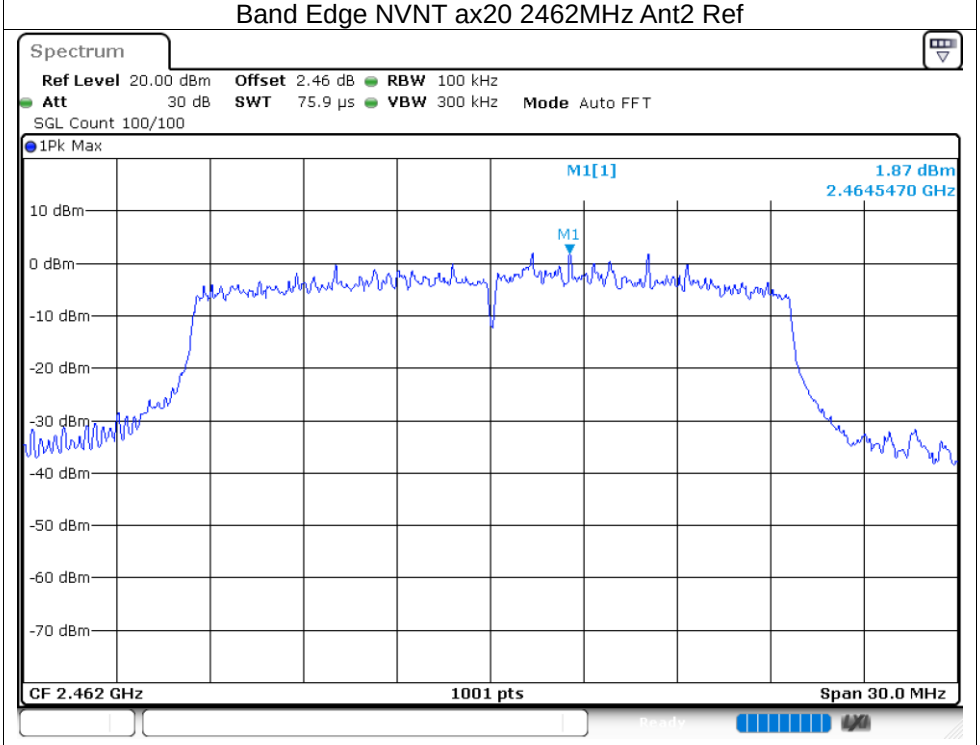
Band Edge NVNT ax20 2412MHz Ant2 Emission



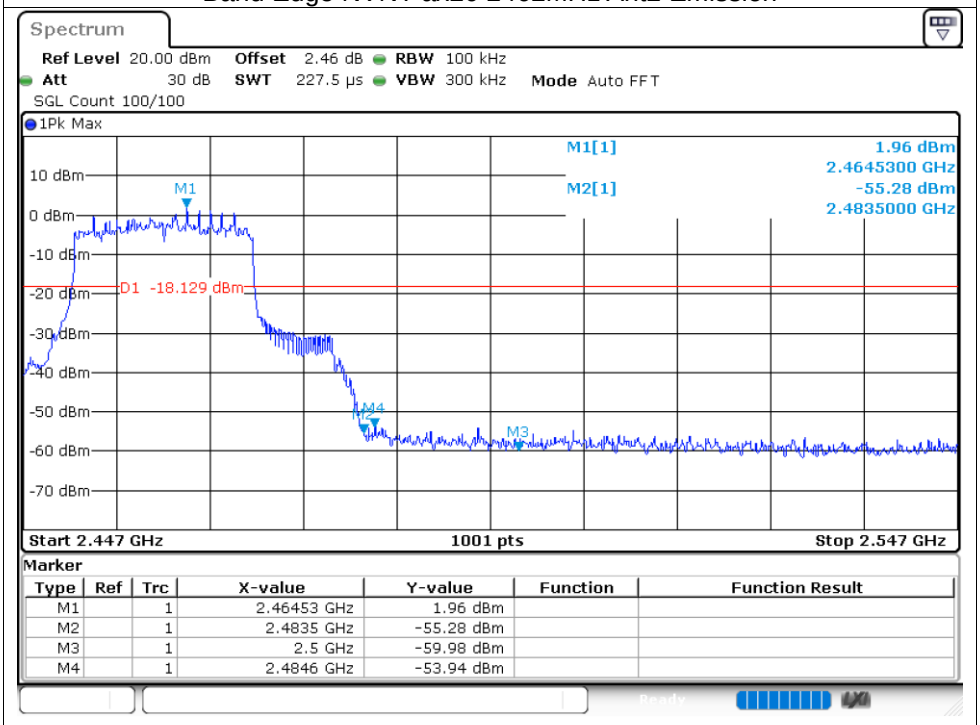
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40707 GHz	0.63 dBm		
M2		1	2.4 GHz	-44.94 dBm		
M3		1	2.39 GHz	-54.92 dBm		
M4		1	2.3382 GHz	-54.10 dBm		

Band Edge NVNT ax20 2462MHz Ant2 Ref

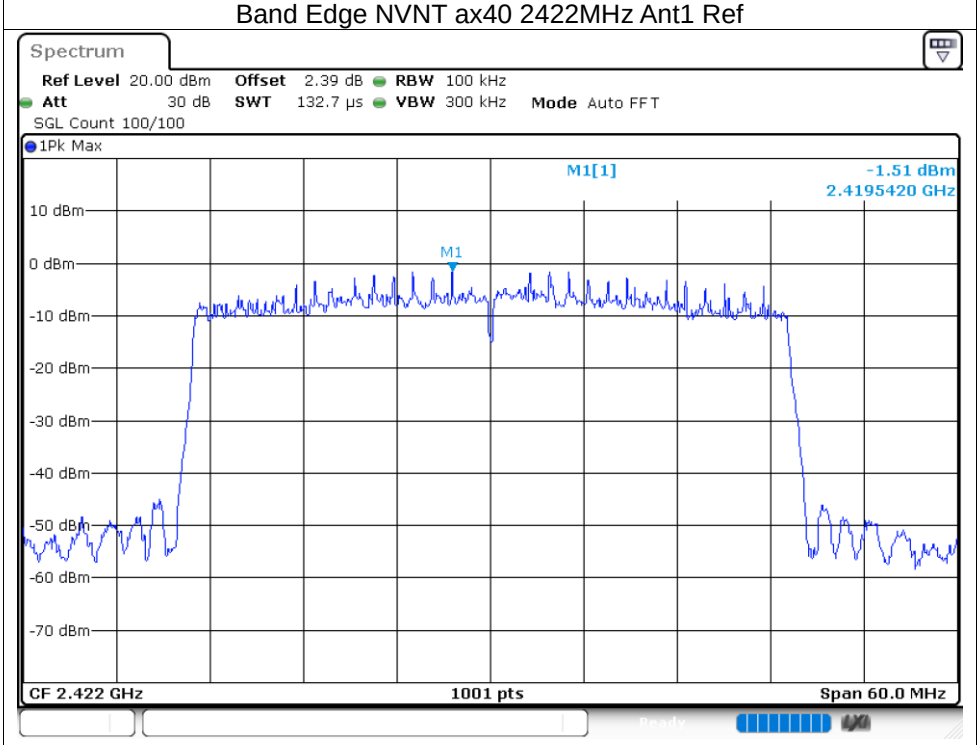


Band Edge NVNT ax20 2462MHz Ant2 Emission

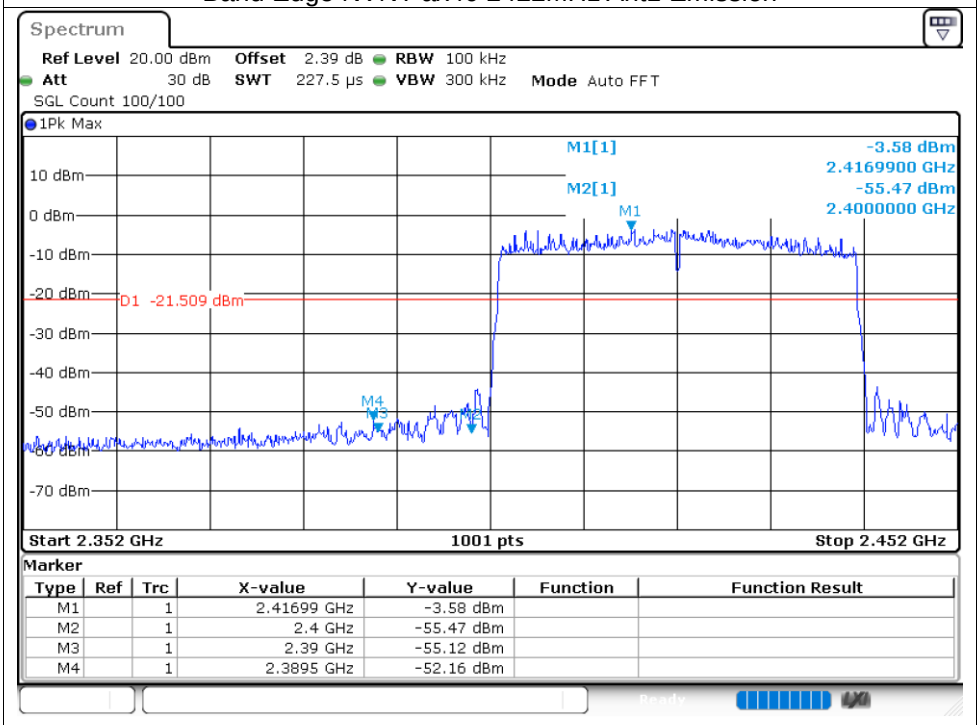


Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46453 GHz	1.96 dBm		
M2		1	2.4835 GHz	-55.28 dBm		
M3		1	2.5 GHz	-59.98 dBm		
M4		1	2.4846 GHz	-53.94 dBm		

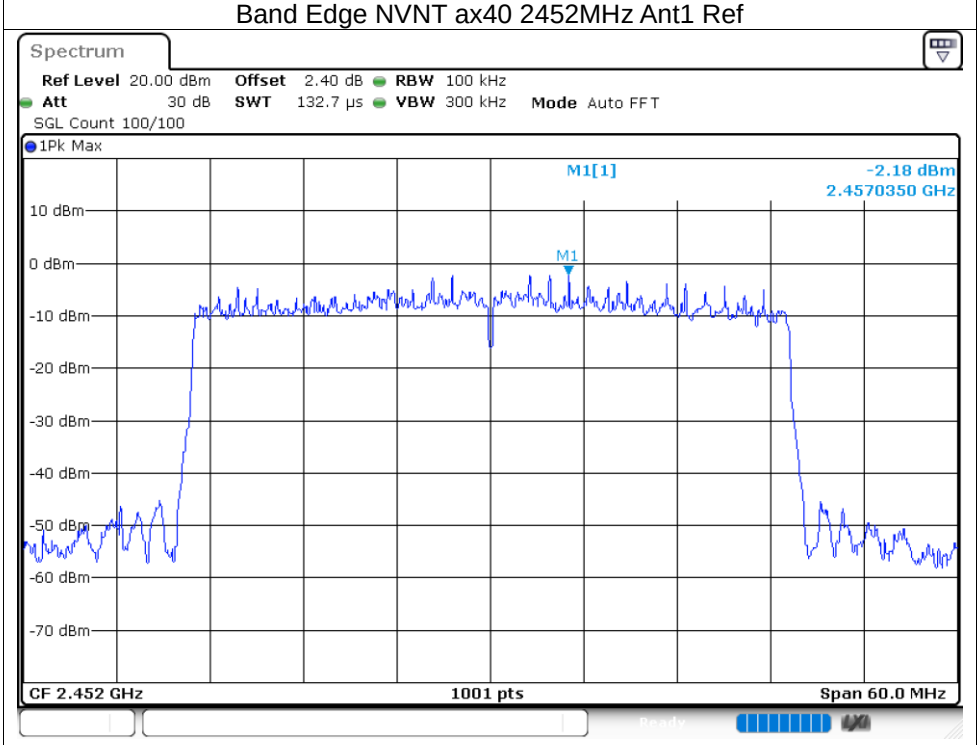
Band Edge NVNT ax40 2422MHz Ant1 Ref



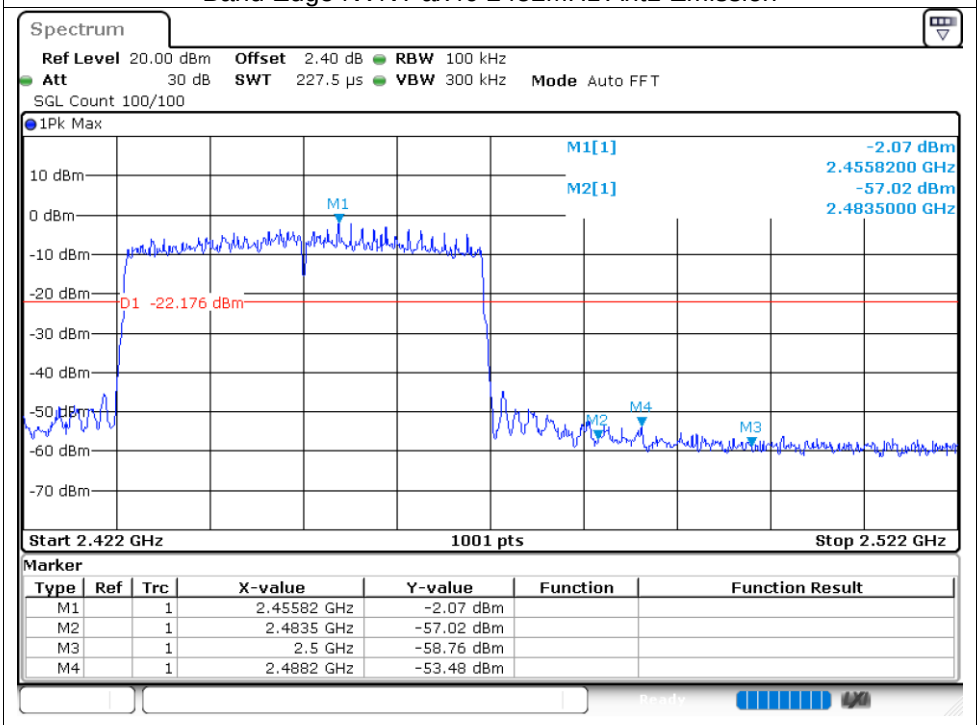
Band Edge NVNT ax40 2422MHz Ant1 Emission



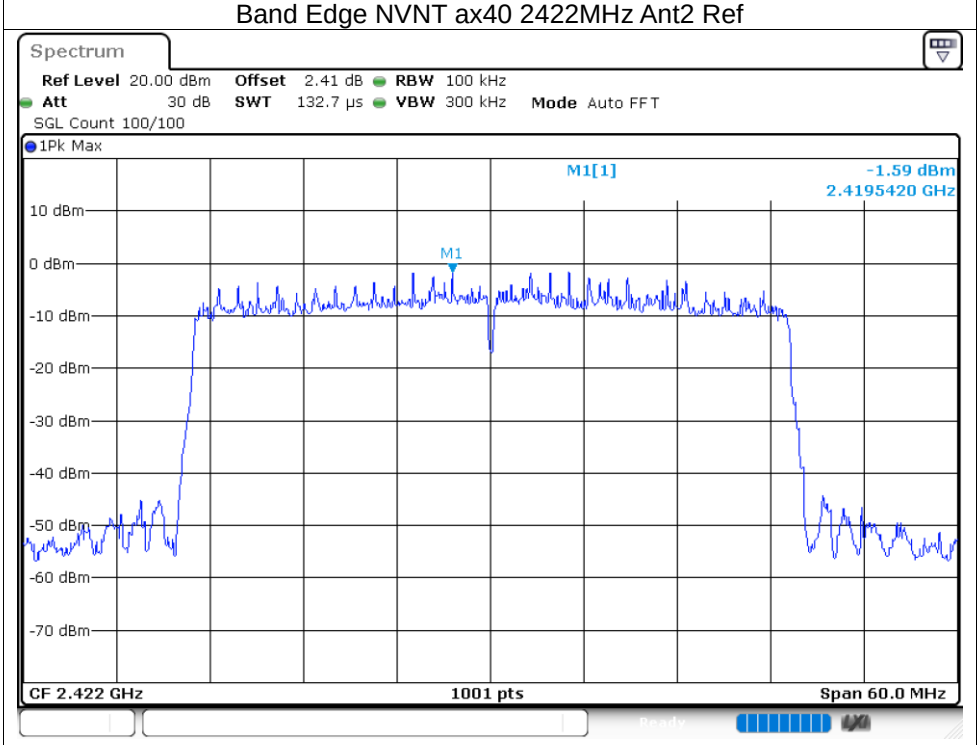
Band Edge NVNT ax40 2452MHz Ant1 Ref



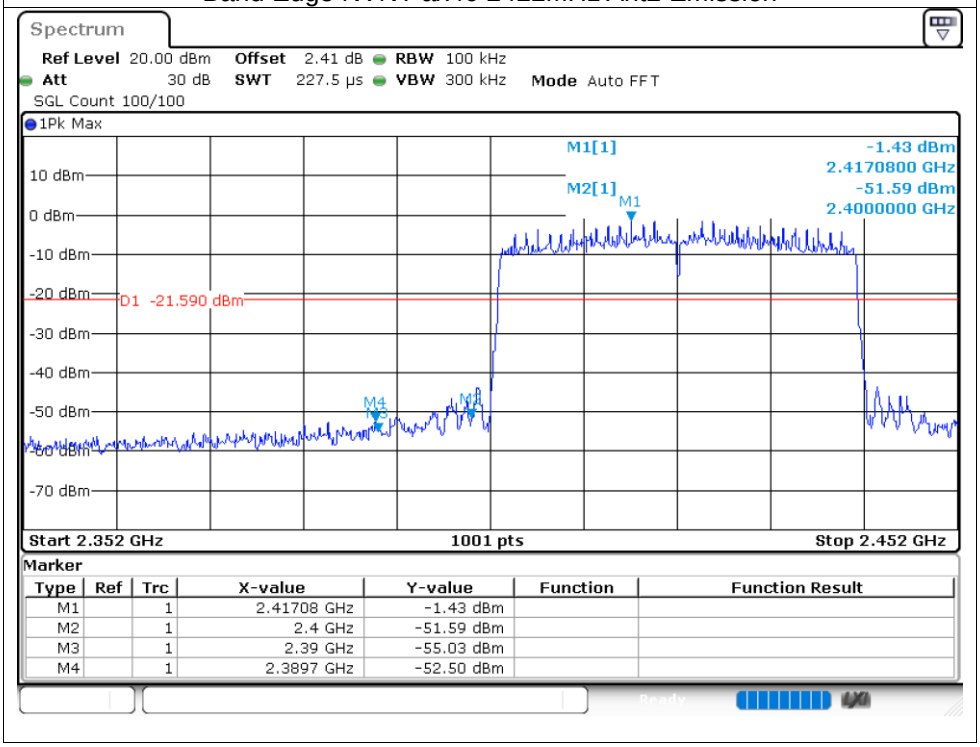
Band Edge NVNT ax40 2452MHz Ant1 Emission



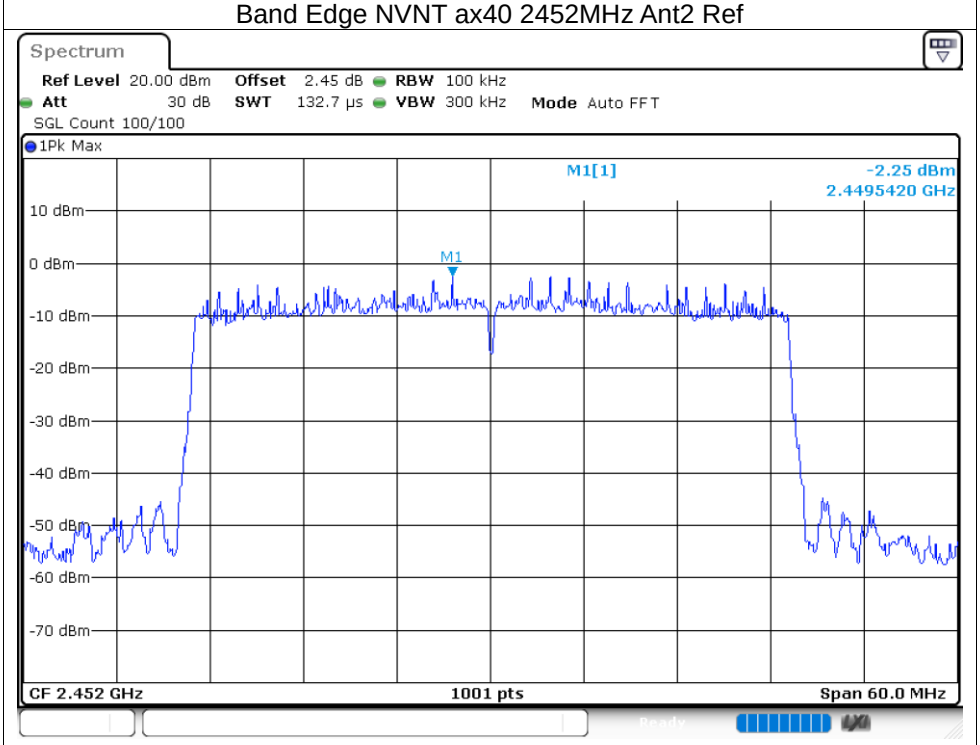
Band Edge NVNT ax40 2422MHz Ant2 Ref



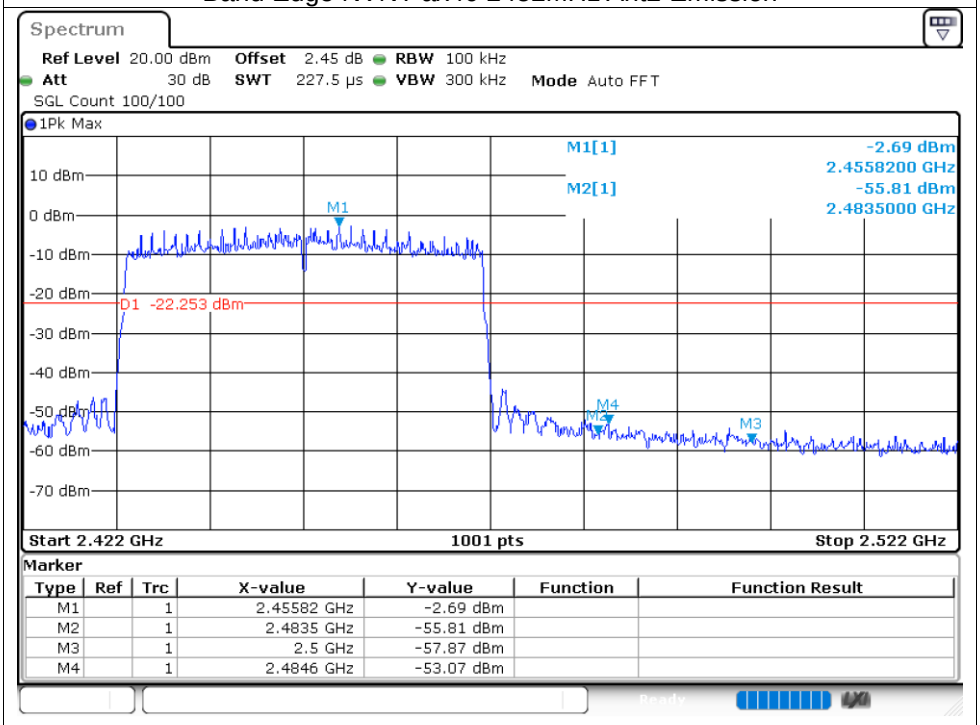
Band Edge NVNT ax40 2422MHz Ant2 Emission



Band Edge NVNT ax40 2452MHz Ant2 Ref



Band Edge NVNT ax40 2452MHz Ant2 Emission



Marker

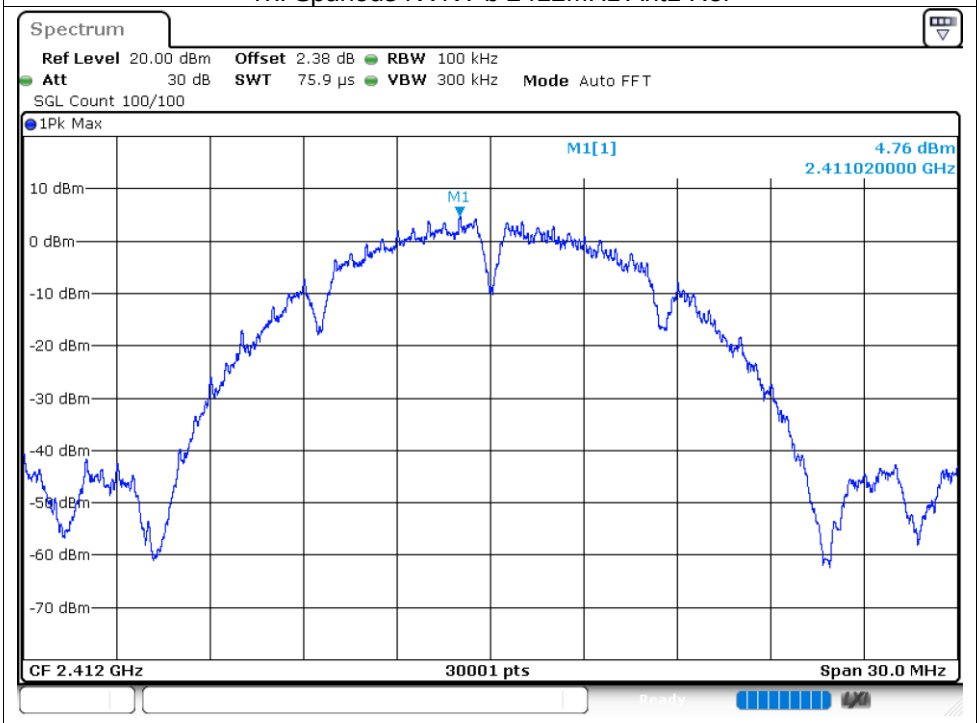
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45582 GHz	-2.69 dBm		
M2		1	2.4835 GHz	-55.81 dBm		
M3		1	2.5 GHz	-57.87 dBm		
M4		1	2.4846 GHz	-53.07 dBm		

8.6 CONDUCTED RF SPURIOUS EMISSION

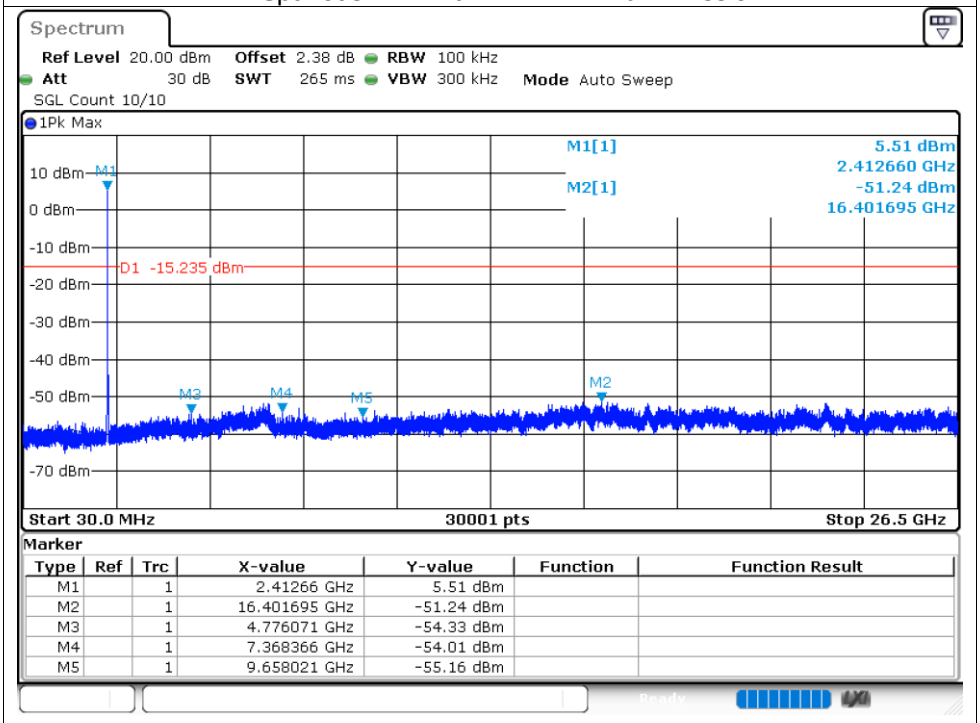
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-55.99	-20	Pass
NVNT	b	2437	Ant1	-55.22	-20	Pass
NVNT	b	2462	Ant1	-56.1	-20	Pass
NVNT	b	2412	Ant2	-54.83	-20	Pass
NVNT	b	2437	Ant2	-53.87	-20	Pass
NVNT	b	2462	Ant2	-56.54	-20	Pass
NVNT	g	2412	Ant1	-53.41	-20	Pass
NVNT	g	2437	Ant1	-53.83	-20	Pass
NVNT	g	2462	Ant1	-53.93	-20	Pass
NVNT	g	2412	Ant2	-49.69	-20	Pass
NVNT	g	2437	Ant2	-52.8	-20	Pass
NVNT	g	2462	Ant2	-52.36	-20	Pass
NVNT	n20	2412	Ant1	-51.34	-20	Pass
NVNT	n20	2437	Ant1	-50.93	-20	Pass
NVNT	n20	2462	Ant1	-51.27	-20	Pass
NVNT	n20	2412	Ant2	-50.12	-20	Pass
NVNT	n20	2437	Ant2	-49.43	-20	Pass
NVNT	n20	2462	Ant2	-50.73	-20	Pass
NVNT	n40	2422	Ant1	-49.47	-20	Pass
NVNT	n40	2437	Ant1	-47.29	-20	Pass
NVNT	n40	2452	Ant1	-48.3	-20	Pass
NVNT	n40	2422	Ant2	-47.21	-20	Pass
NVNT	n40	2437	Ant2	-48.97	-20	Pass
NVNT	n40	2452	Ant2	-48.37	-20	Pass
NVNT	ax20	2412	Ant1	-52.3	-20	Pass
NVNT	ax20	2437	Ant1	-49.73	-20	Pass
NVNT	ax20	2462	Ant1	-51.32	-20	Pass
NVNT	ax20	2412	Ant2	-52.07	-20	Pass
NVNT	ax20	2437	Ant2	-51.75	-20	Pass
NVNT	ax20	2462	Ant2	-52.18	-20	Pass
NVNT	ax40	2422	Ant1	-49.87	-20	Pass
NVNT	ax40	2437	Ant1	-48.95	-20	Pass
NVNT	ax40	2452	Ant1	-47.87	-20	Pass
NVNT	ax40	2422	Ant2	-49.01	-20	Pass
NVNT	ax40	2437	Ant2	-48.87	-20	Pass
NVNT	ax40	2452	Ant2	-47.3	-20	Pass

Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref



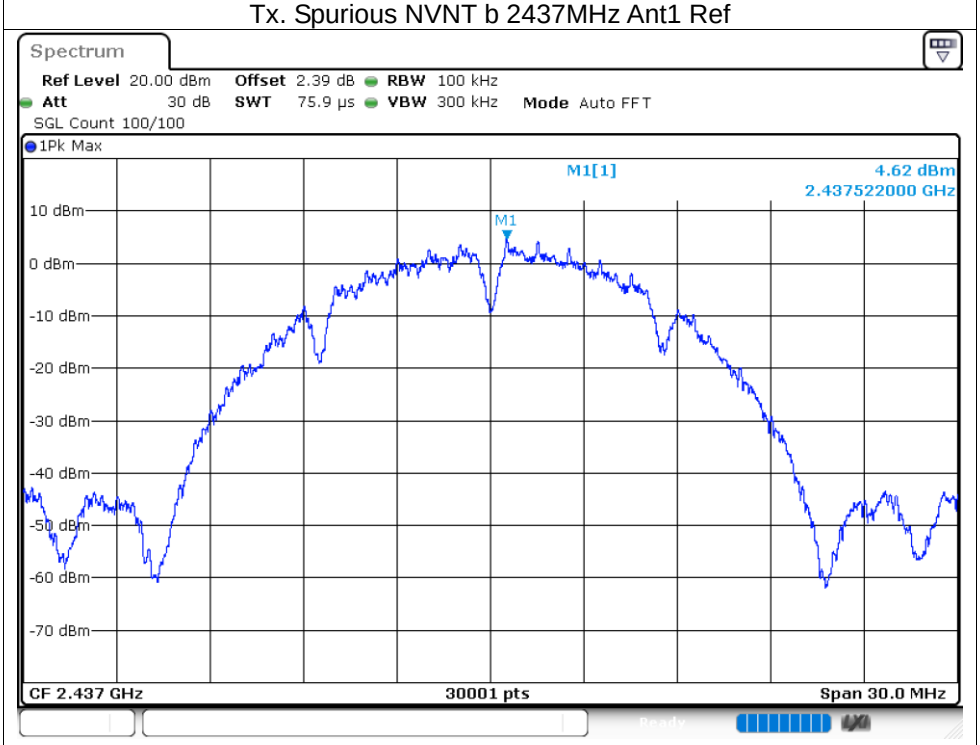
Tx. Spurious NVNT b 2412MHz Ant1 Emission



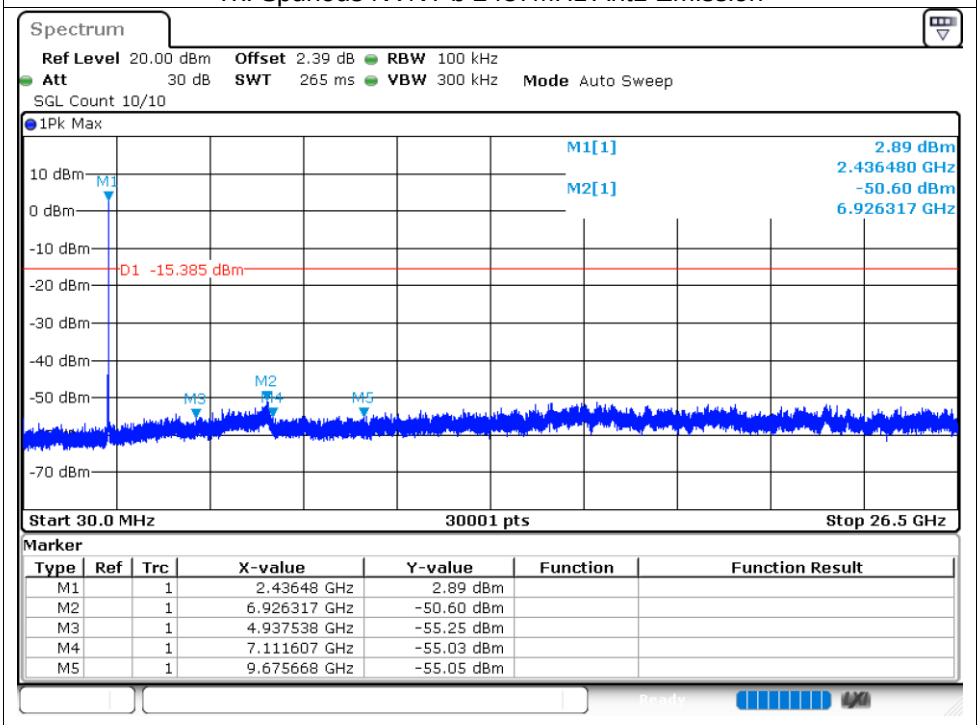
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41266 GHz	5.51 dBm		
M2		1	16.401695 GHz	-51.24 dBm		
M3		1	4.776071 GHz	-54.33 dBm		
M4		1	7.368366 GHz	-54.01 dBm		
M5		1	9.658021 GHz	-55.16 dBm		

Tx. Spurious NVNT b 2437MHz Ant1 Ref



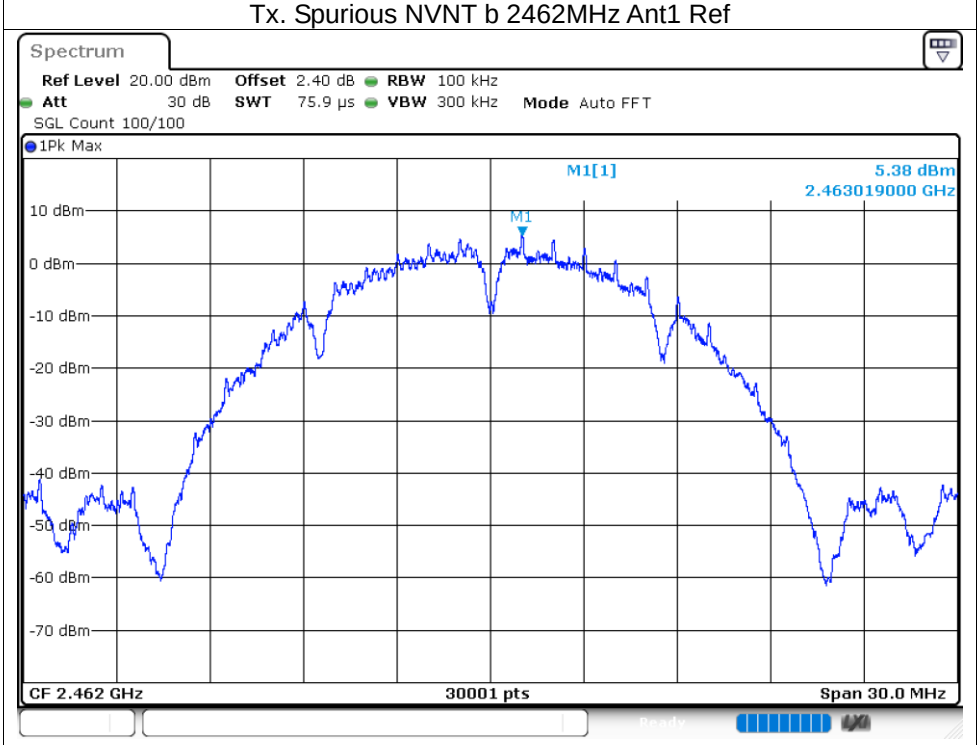
Tx. Spurious NVNT b 2437MHz Ant1 Emission



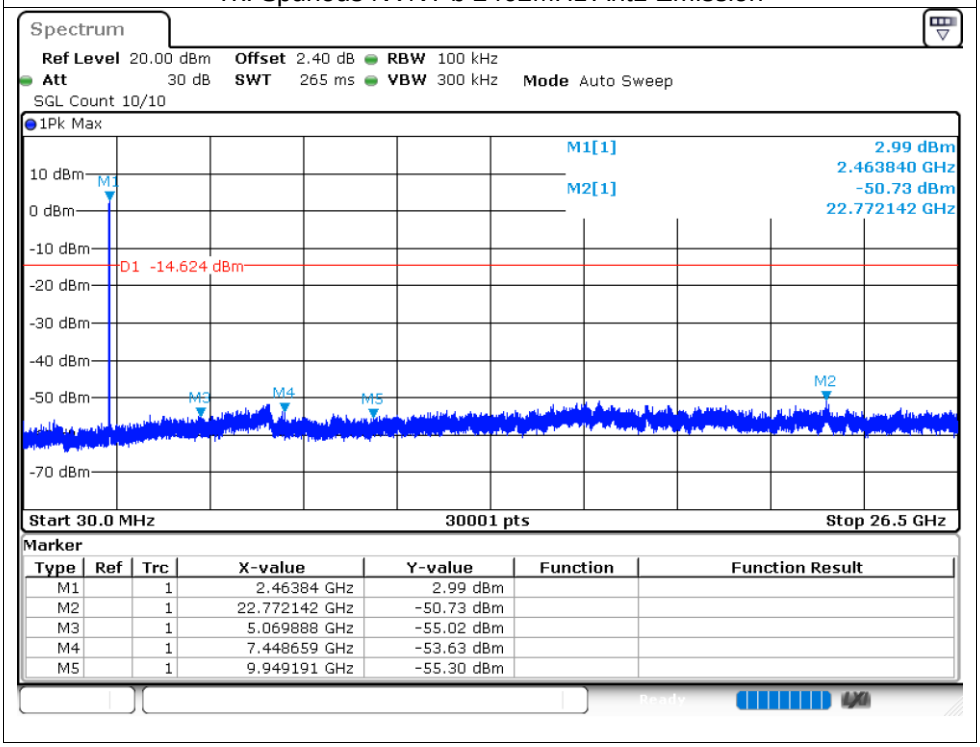
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43648 GHz	2.89 dBm		
M2		1	6.926317 GHz	-50.60 dBm		
M3		1	4.937538 GHz	-55.25 dBm		
M4		1	7.111607 GHz	-55.03 dBm		
M5		1	9.675668 GHz	-55.05 dBm		

Tx. Spurious NVNT b 2462MHz Ant1 Ref



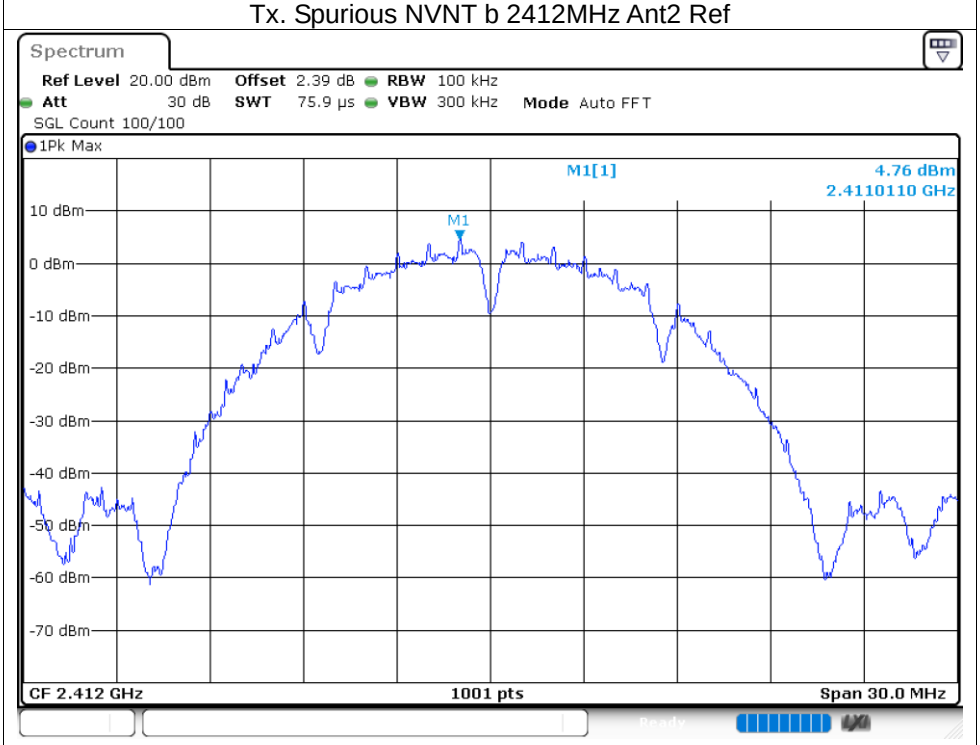
Tx. Spurious NVNT b 2462MHz Ant1 Emission



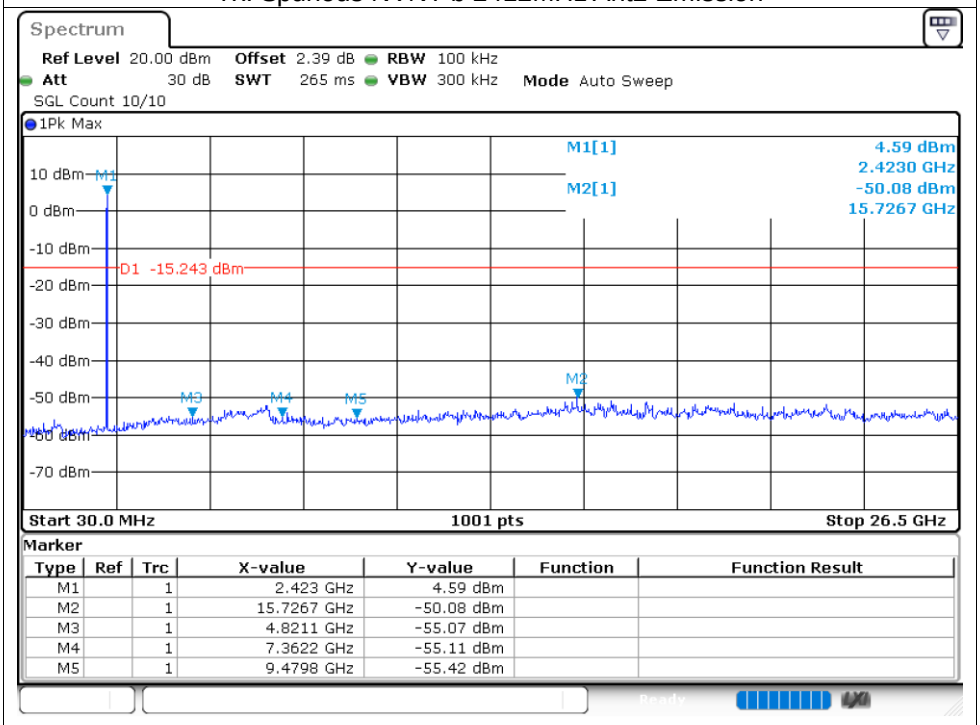
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46384 GHz	2.99 dBm		
M2		1	22.772142 GHz	-50.73 dBm		
M3		1	5.069888 GHz	-55.02 dBm		
M4		1	7.448659 GHz	-53.63 dBm		
M5		1	9.949191 GHz	-55.30 dBm		

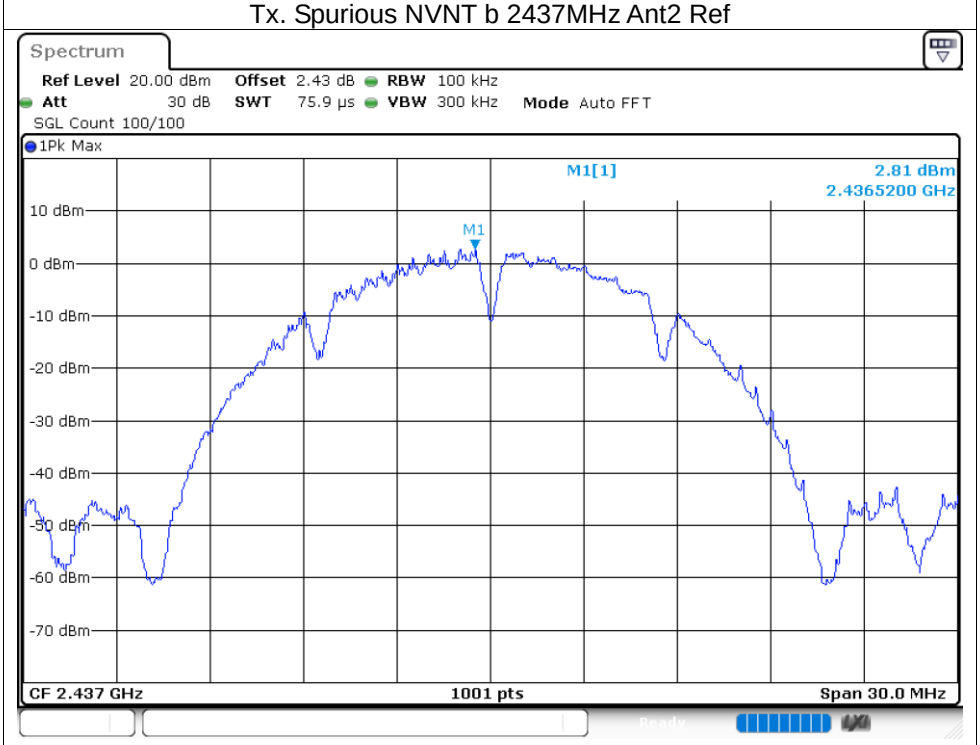
Tx. Spurious NVNT b 2412MHz Ant2 Ref



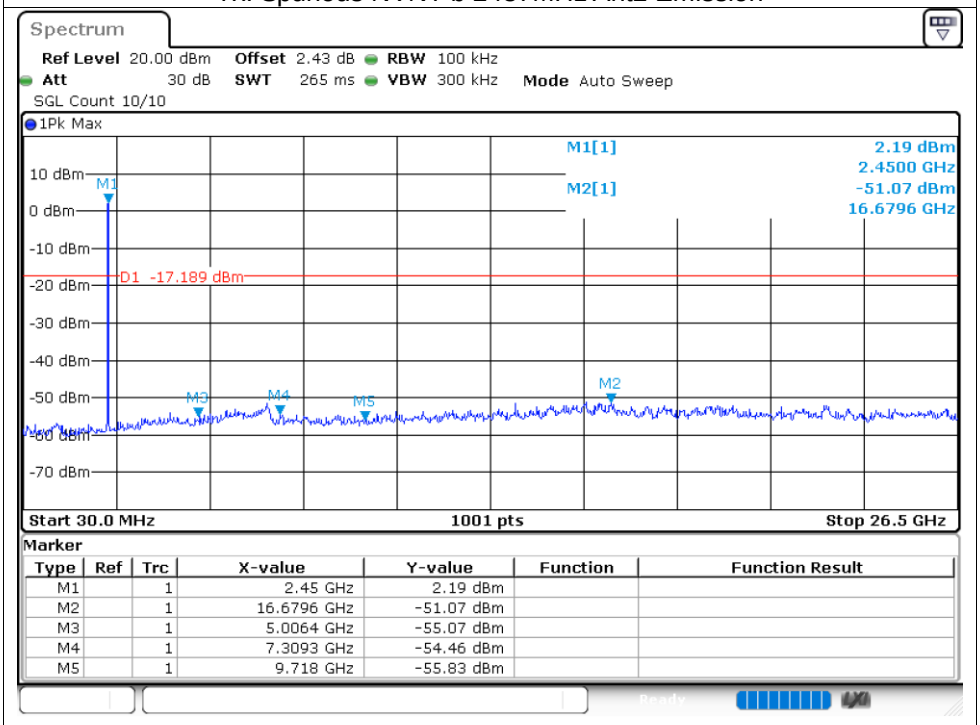
Tx. Spurious NVNT b 2412MHz Ant2 Emission



Tx. Spurious NVNT b 2437MHz Ant2 Ref

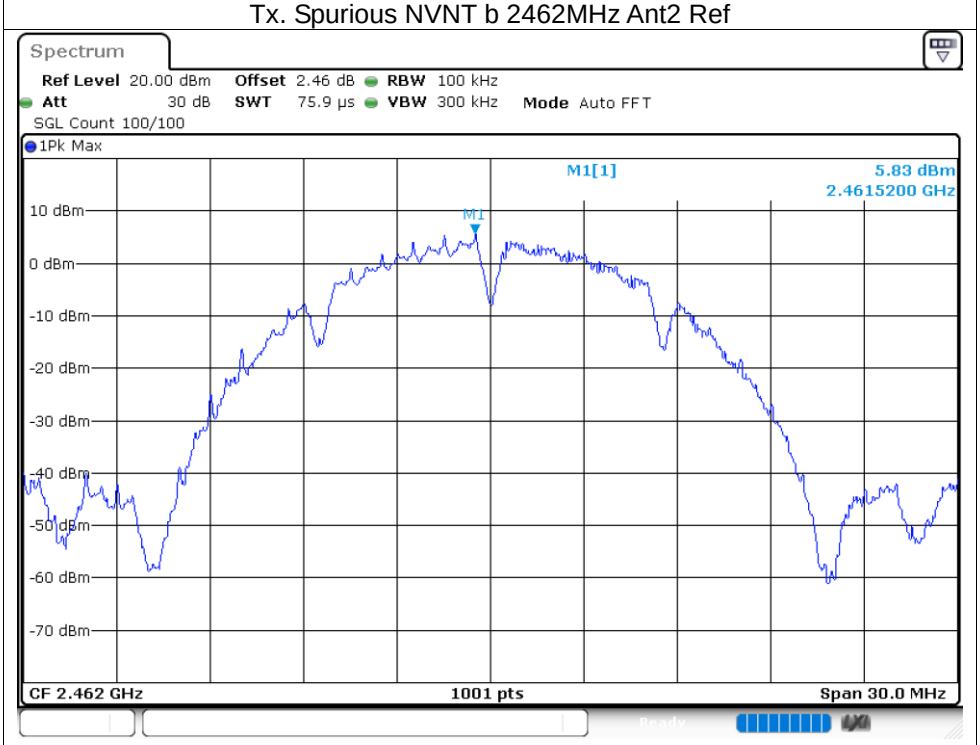


Tx. Spurious NVNT b 2437MHz Ant2 Emission

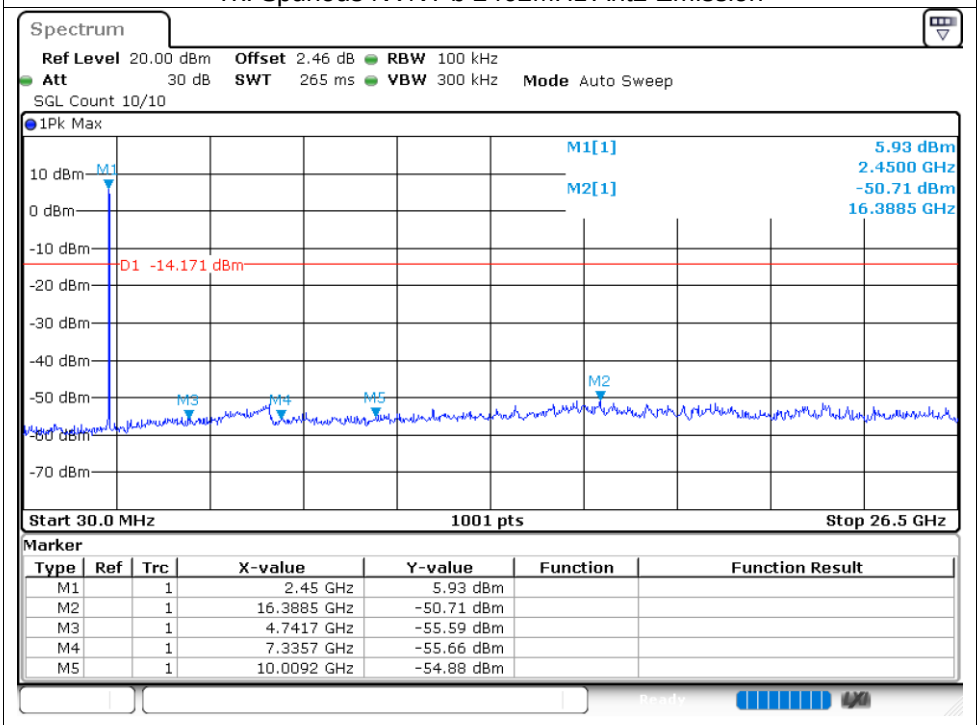


Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	2.19 dBm		
M2		1	16.6796 GHz	-51.07 dBm		
M3		1	5.0064 GHz	-55.07 dBm		
M4		1	7.3093 GHz	-54.46 dBm		
M5		1	9.718 GHz	-55.83 dBm		

Tx. Spurious NVNT b 2462MHz Ant2 Ref



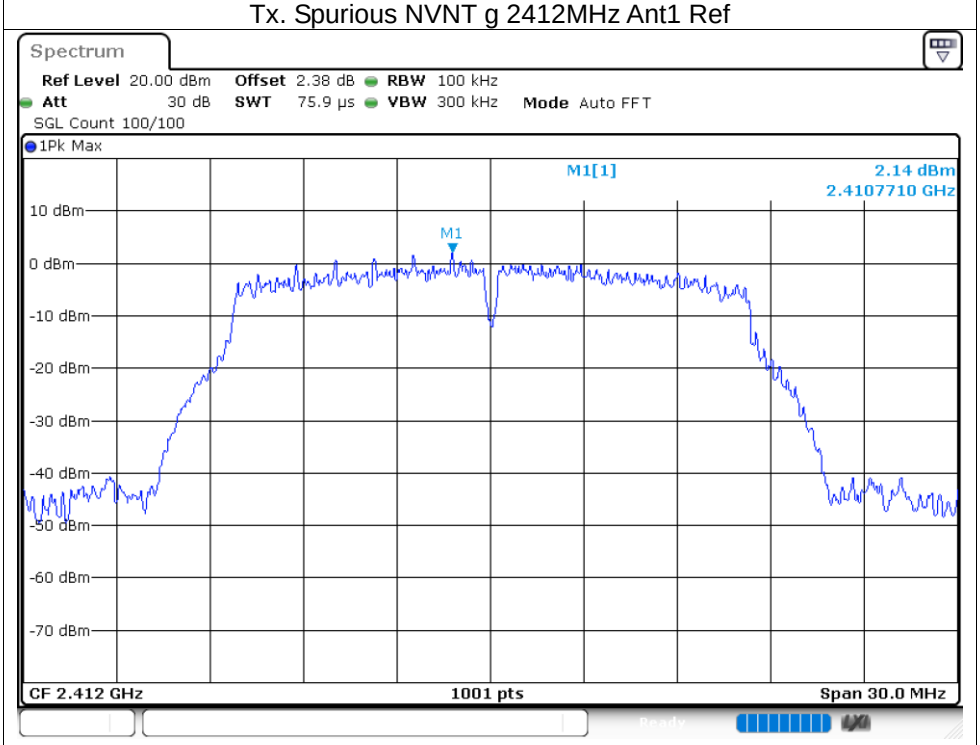
Tx. Spurious NVNT b 2462MHz Ant2 Emission



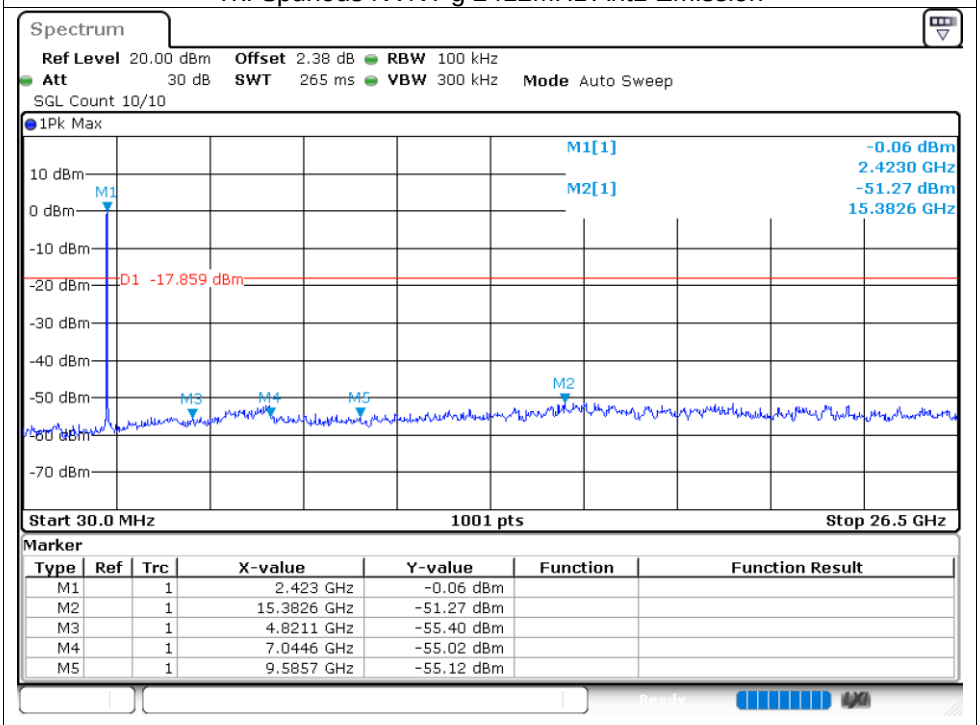
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	5.93 dBm		
M2		1	16.3885 GHz	-50.71 dBm		
M3		1	4.7417 GHz	-55.59 dBm		
M4		1	7.3357 GHz	-55.66 dBm		
M5		1	10.0092 GHz	-54.88 dBm		

Tx. Spurious NVNT g 2412MHz Ant1 Ref



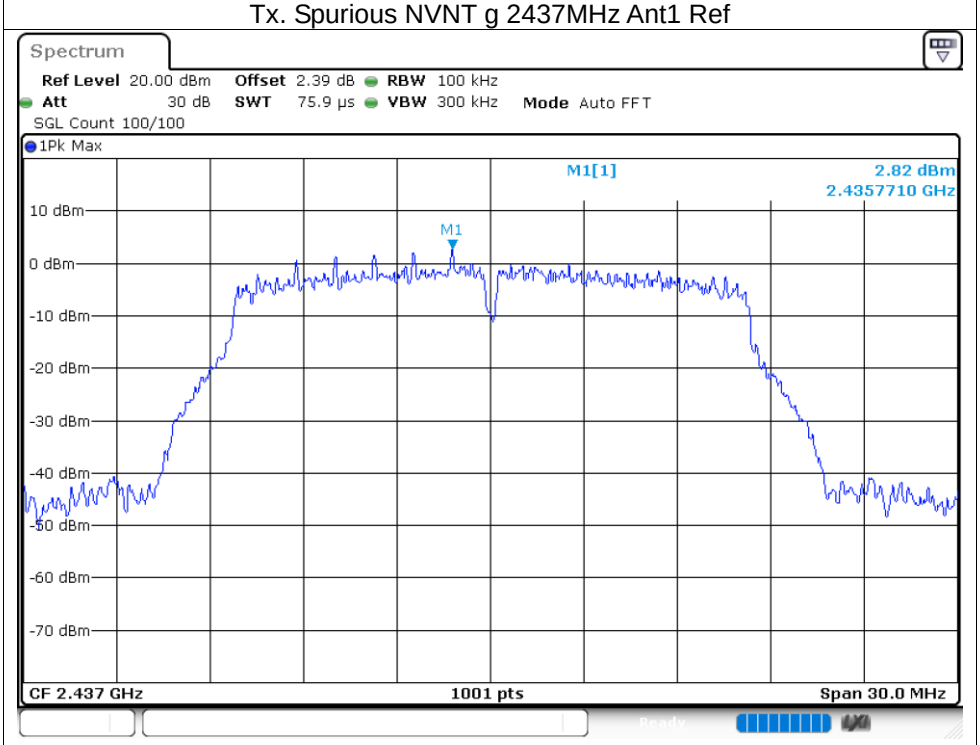
Tx. Spurious NVNT g 2412MHz Ant1 Emission



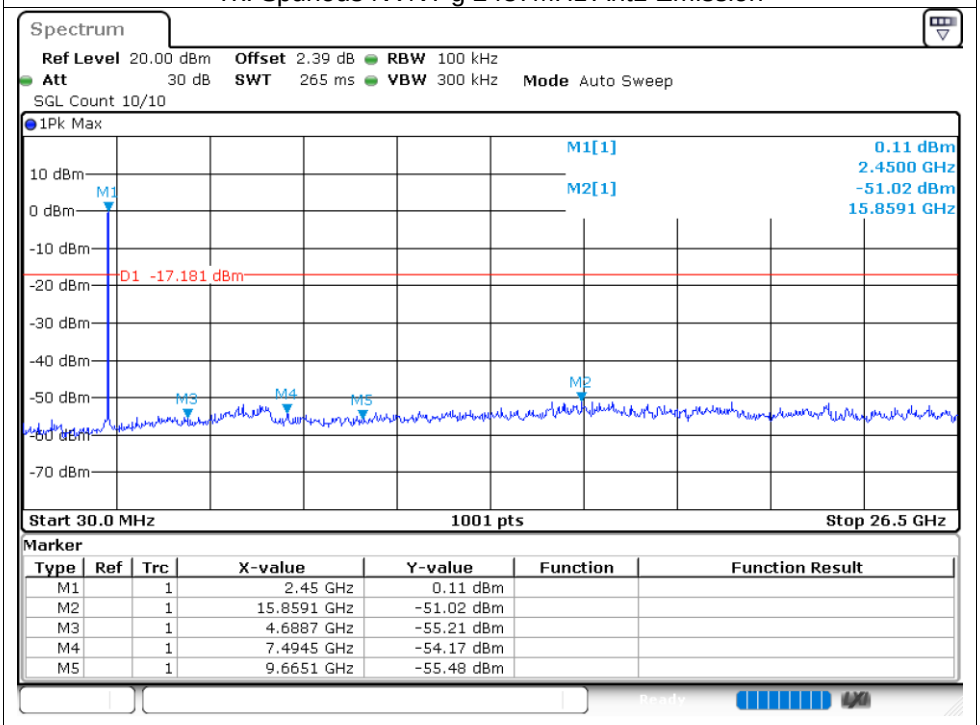
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-0.06 dBm		
M2		1	15.3826 GHz	-51.27 dBm		
M3		1	4.8211 GHz	-55.40 dBm		
M4		1	7.0446 GHz	-55.02 dBm		
M5		1	9.5857 GHz	-55.12 dBm		

Tx. Spurious NVNT g 2437MHz Ant1 Ref

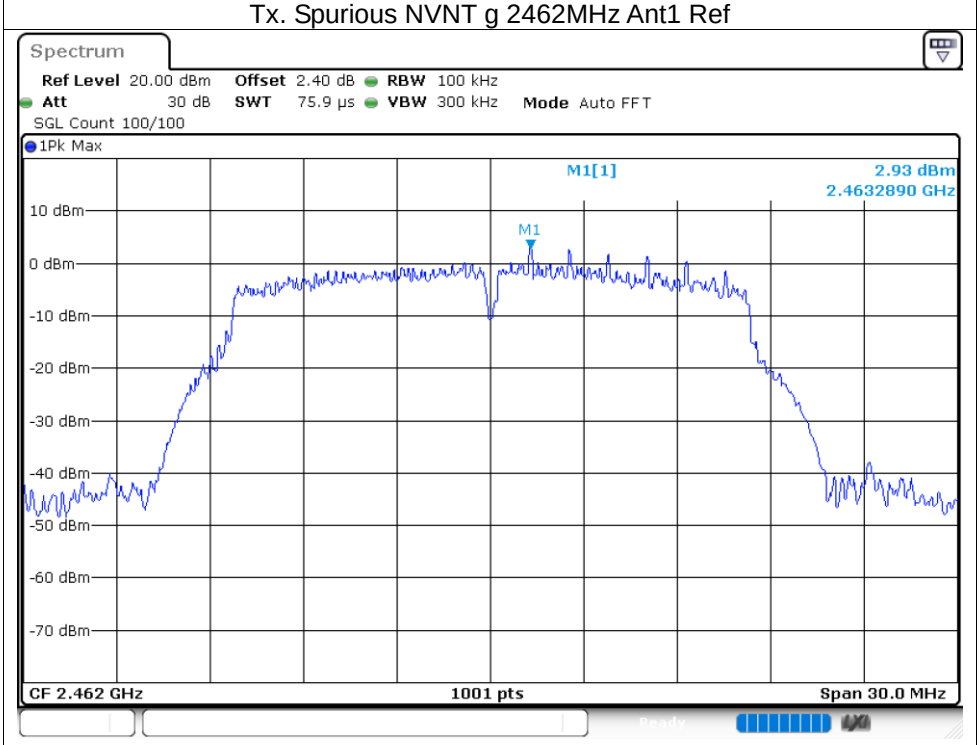


Tx. Spurious NVNT g 2437MHz Ant1 Emission

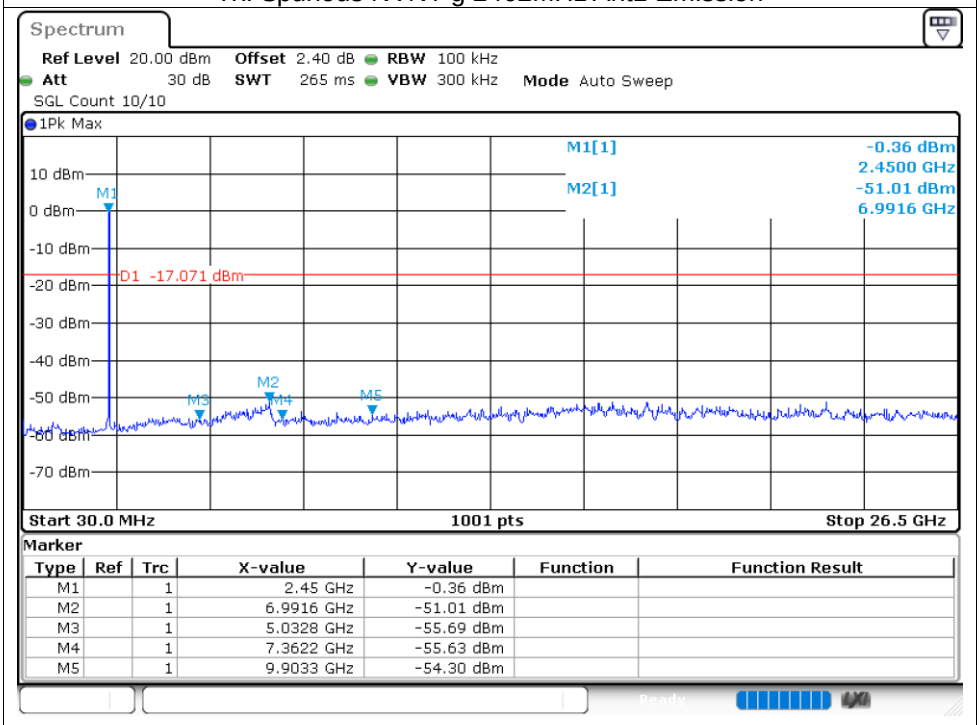


Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	0.11 dBm		
M2		1	15.8591 GHz	-51.02 dBm		
M3		1	4.6887 GHz	-55.21 dBm		
M4		1	7.4945 GHz	-54.17 dBm		
M5		1	9.6651 GHz	-55.48 dBm		

Tx. Spurious NVNT g 2462MHz Ant1 Ref



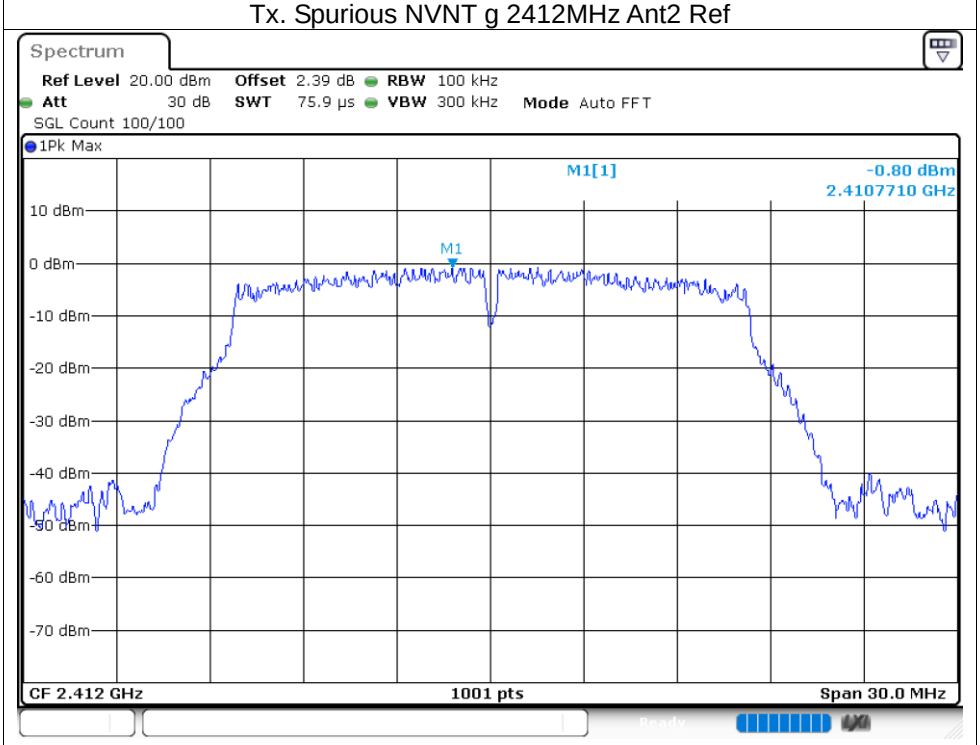
Tx. Spurious NVNT g 2462MHz Ant1 Emission



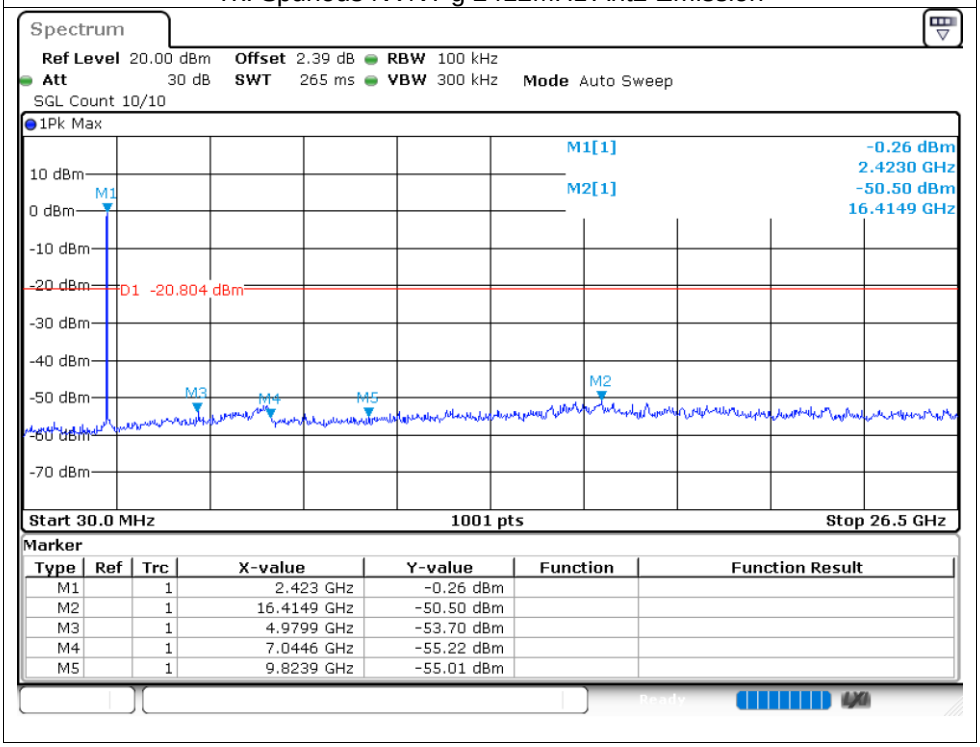
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-0.36 dBm		
M2		1	6.9916 GHz	-51.01 dBm		
M3		1	5.0328 GHz	-55.69 dBm		
M4		1	7.3622 GHz	-55.63 dBm		
M5		1	9.9033 GHz	-54.30 dBm		

Tx. Spurious NVNT g 2412MHz Ant2 Ref



Tx. Spurious NVNT g 2412MHz Ant2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-0.26 dBm		
M2		1	16.4149 GHz	-50.50 dBm		
M3		1	4.9799 GHz	-53.70 dBm		
M4		1	7.0446 GHz	-55.22 dBm		
M5		1	9.8239 GHz	-55.01 dBm		