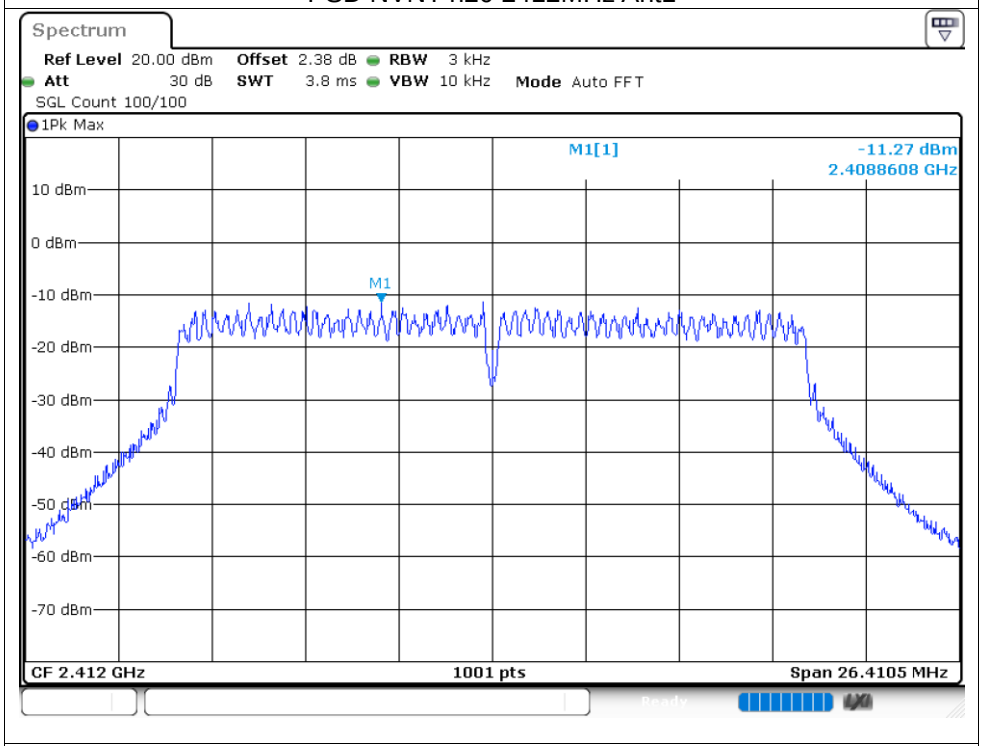
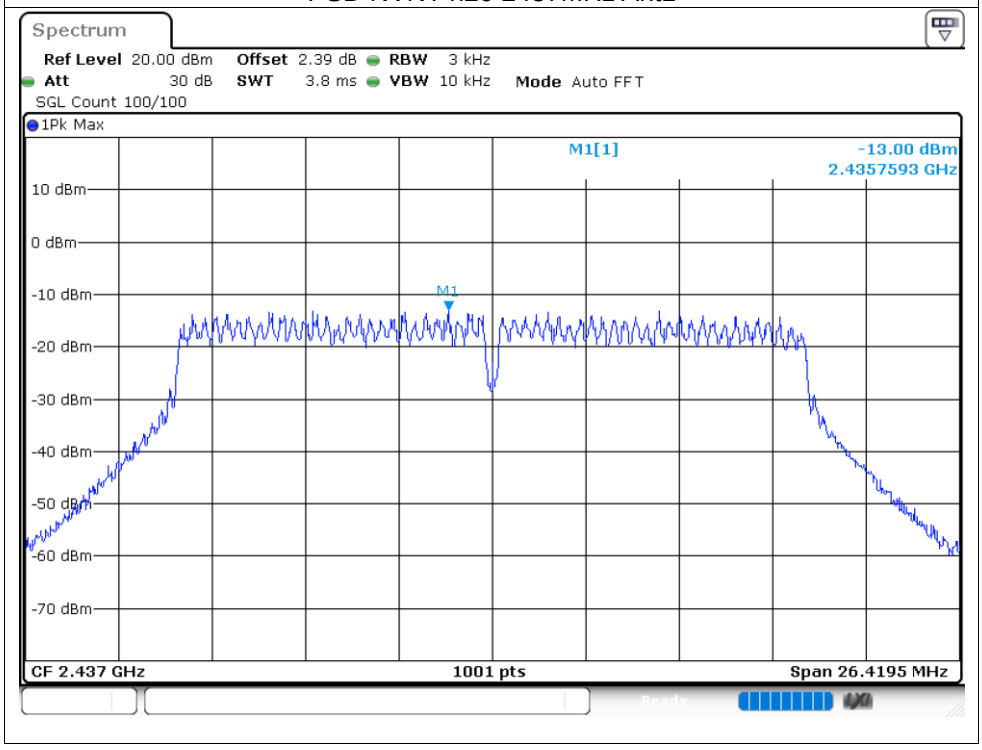
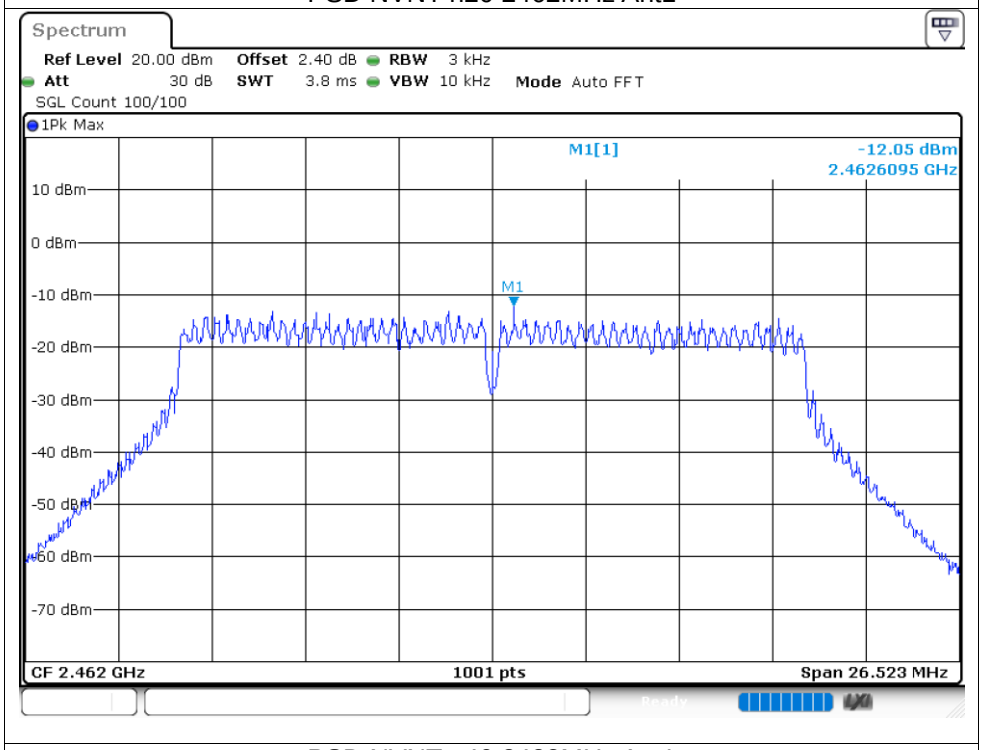
PSD NVNT n20 2412MHz Ant1



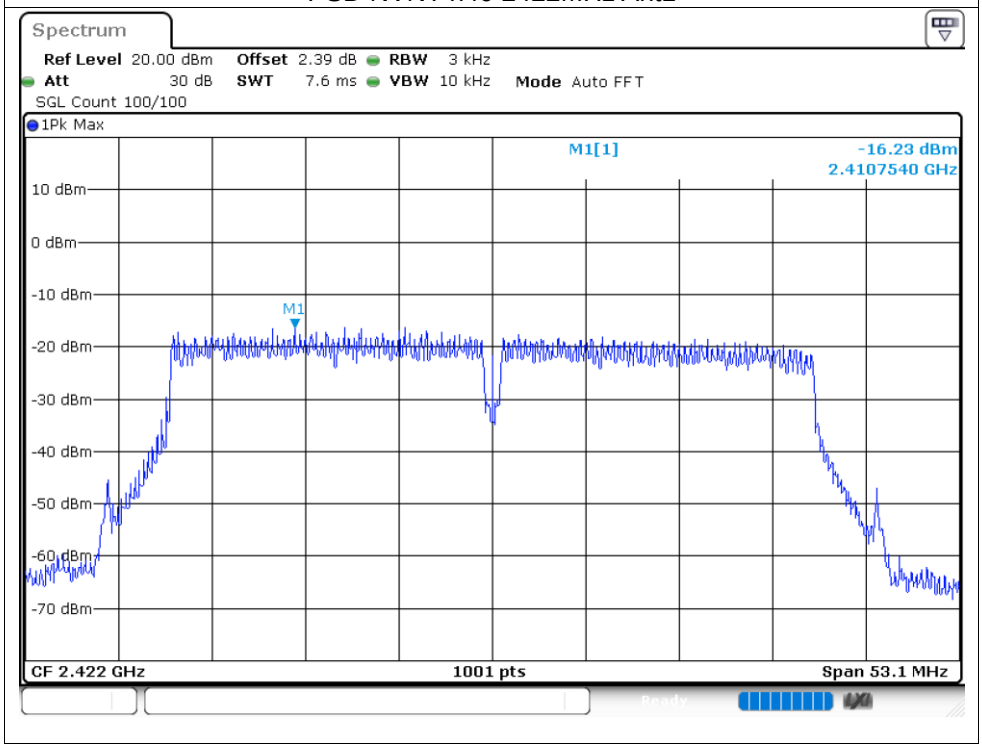
PSD NVNT n20 2437MHz Ant1



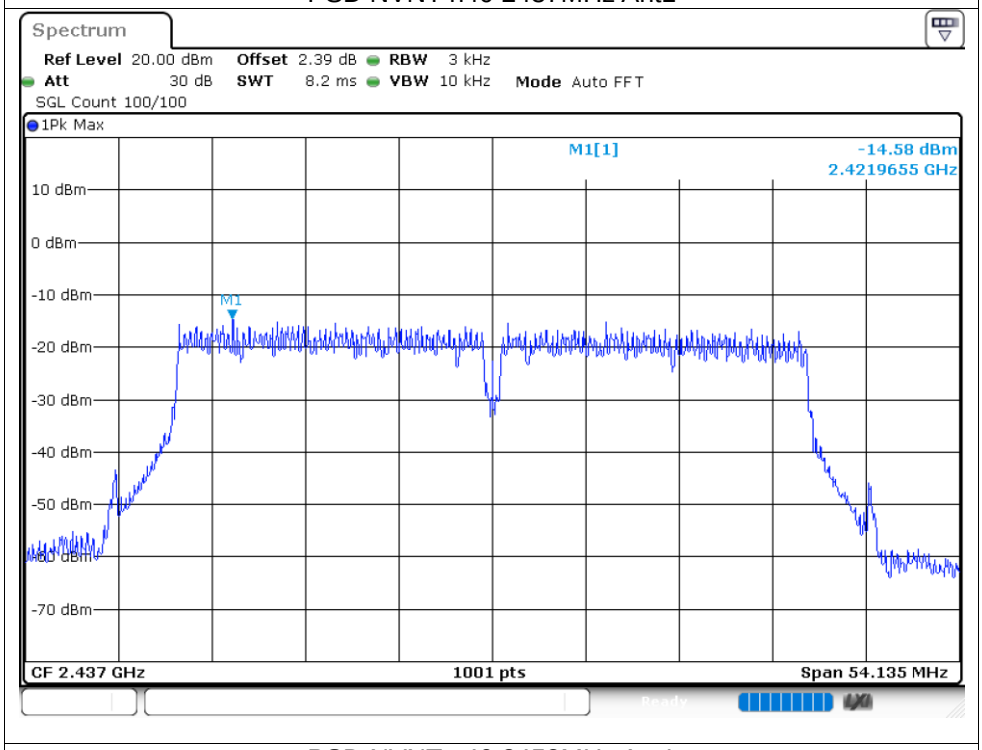
PSD NVNT n20 2462MHz Ant1



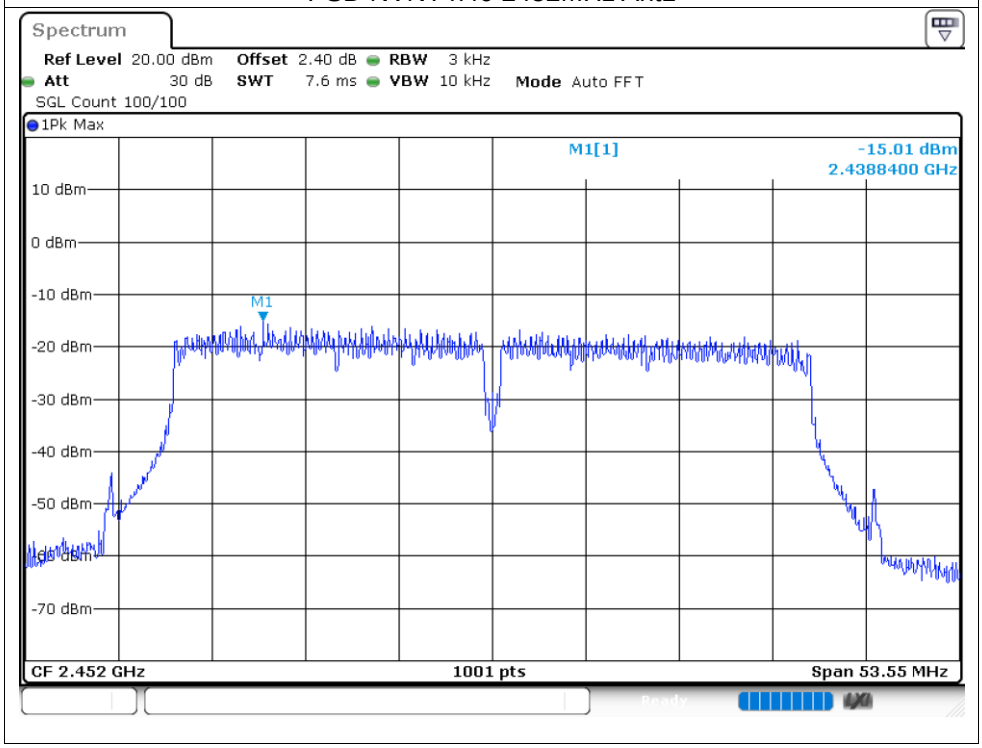
PSD NVNT n40 2422MHz Ant1



PSD NVNT n40 2437MHz Ant1



PSD NVNT n40 2452MHz Ant1

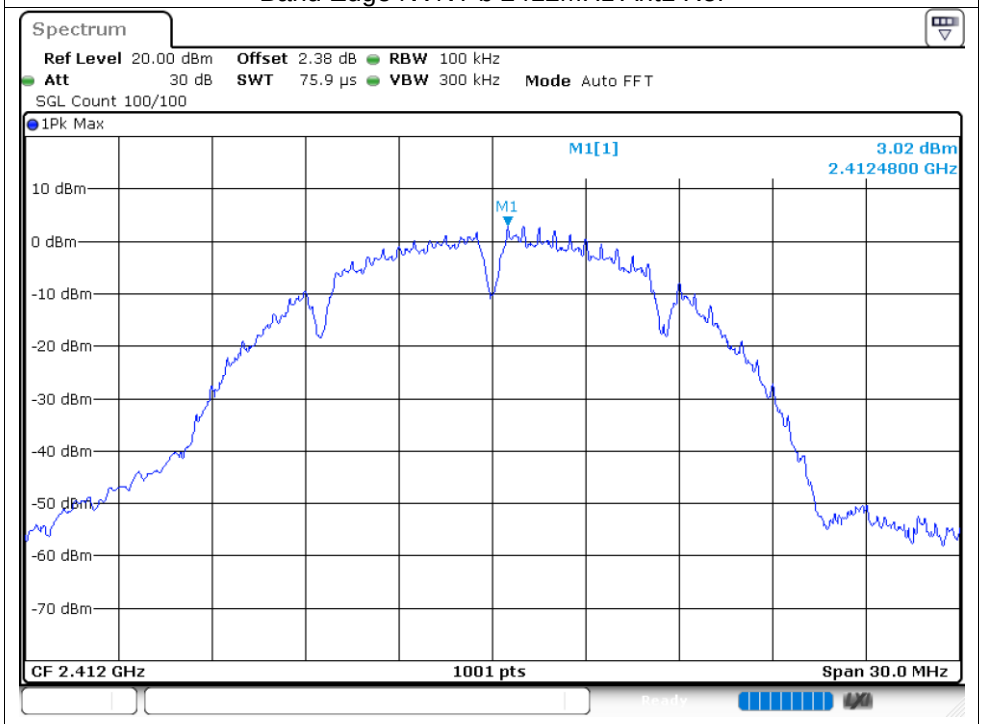


8.6 BAND EDGE

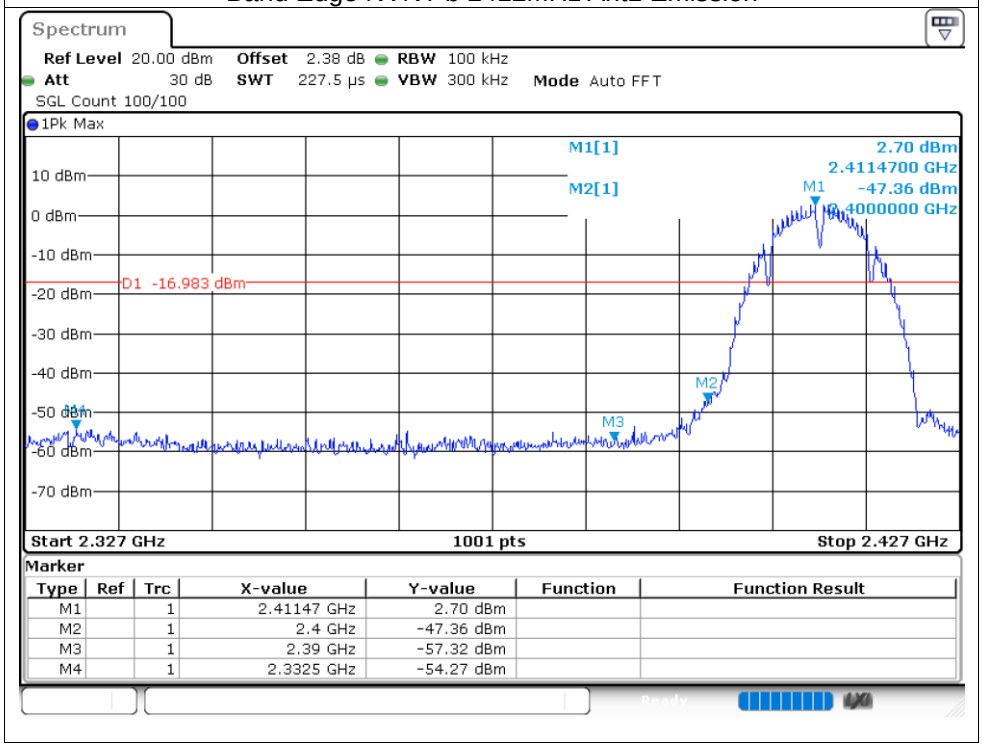
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-57.28	-20	Pass
NVNT	b	2462	Ant1	-58.34	-20	Pass
NVNT	g	2412	Ant1	-53.18	-20	Pass
NVNT	g	2462	Ant1	-52.79	-20	Pass
NVNT	n20	2412	Ant1	-48.13	-20	Pass
NVNT	n20	2462	Ant1	-53.3	-20	Pass
NVNT	n40	2422	Ant1	-47.16	-20	Pass
NVNT	n40	2452	Ant1	-43.44	-20	Pass

Test Graphs

Band Edge NVNT b 2412MHz Ant1 Ref



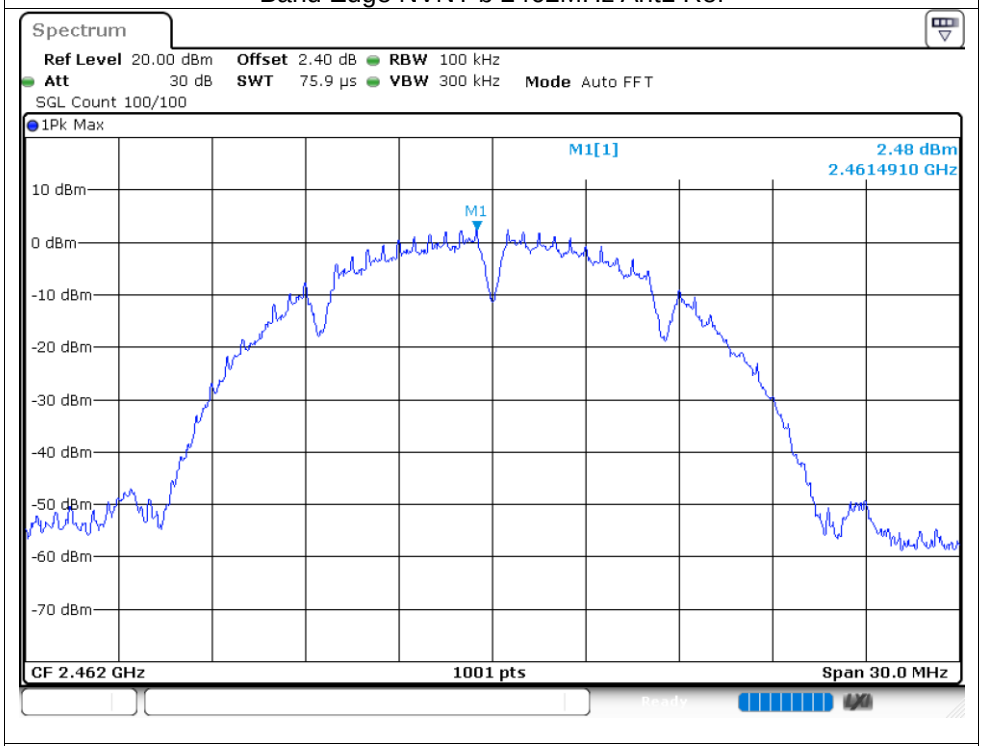
Band Edge NVNT b 2412MHz Ant1 Emission



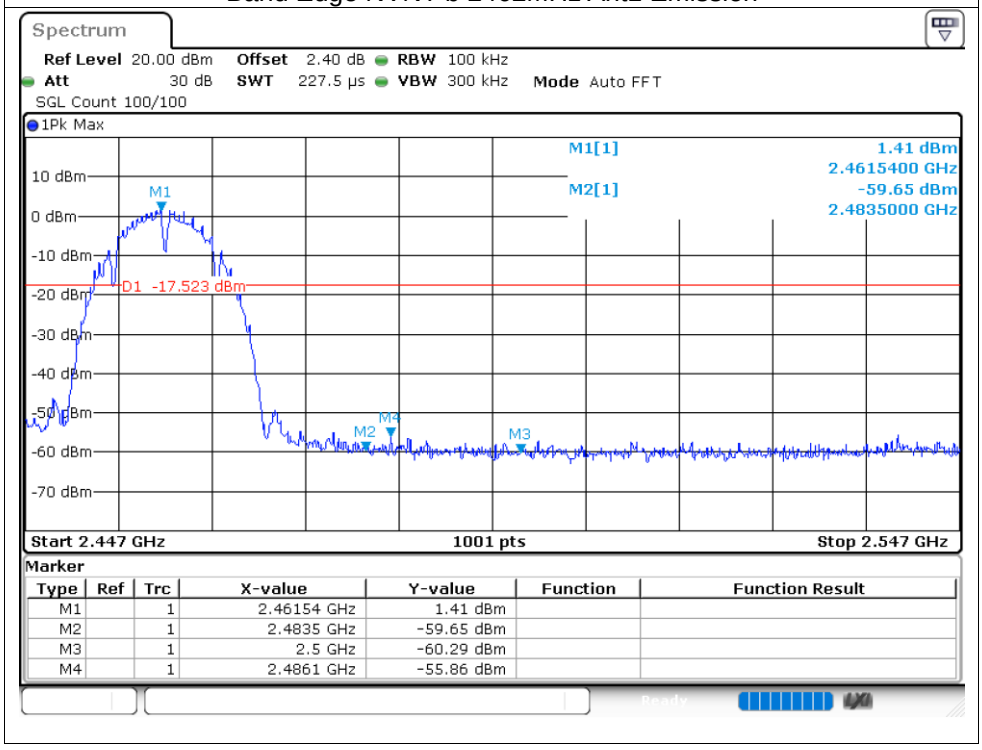
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41147 GHz	2.70 dBm		
M2		1	2.4 GHz	-47.36 dBm		
M3		1	2.39 GHz	-57.32 dBm		
M4		1	2.3325 GHz	-54.27 dBm		

Band Edge NVNT b 2462MHz Ant1 Ref



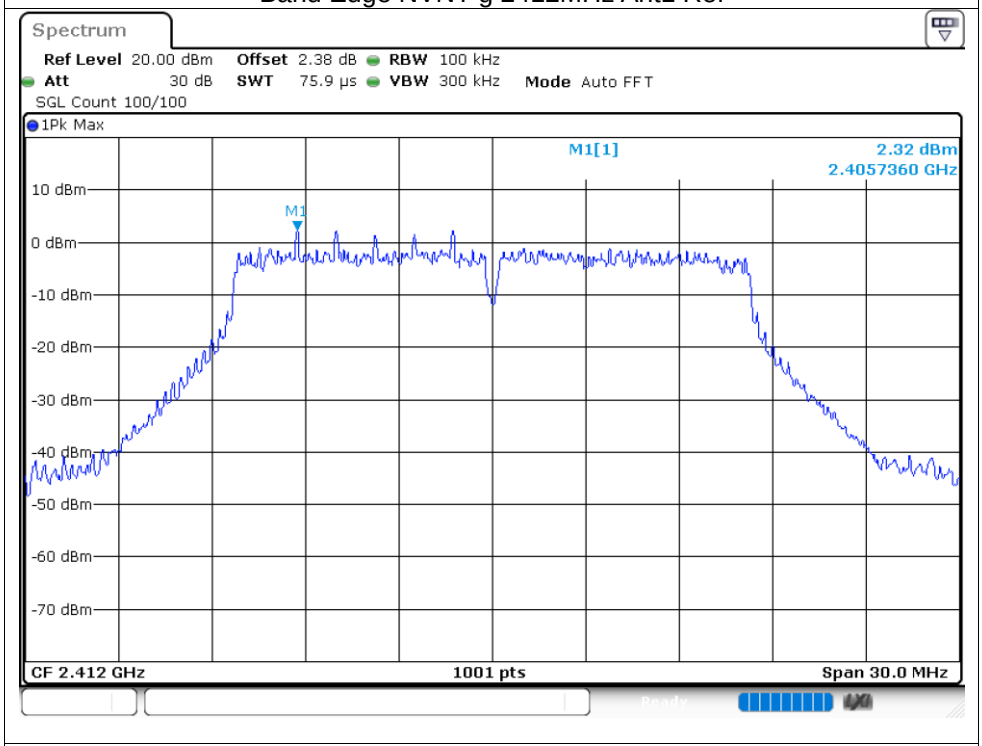
Band Edge NVNT b 2462MHz Ant1 Emission



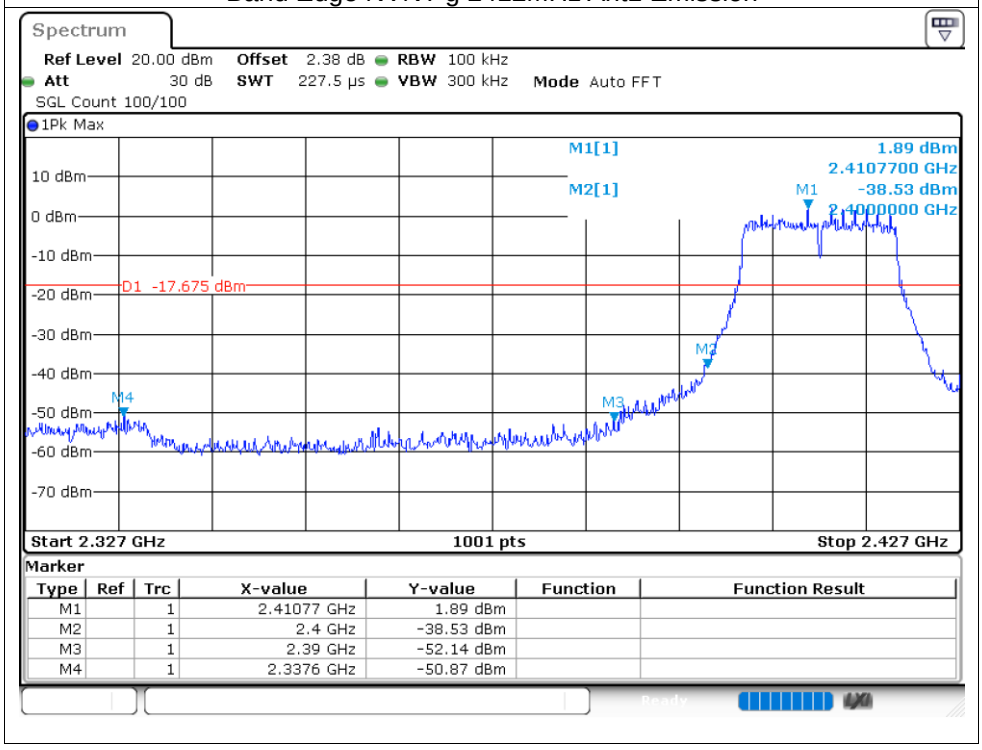
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46154 GHz	1.41 dBm		
M2		1	2.4835 GHz	-59.65 dBm		
M3		1	2.5 GHz	-60.29 dBm		
M4		1	2.4861 GHz	-55.86 dBm		

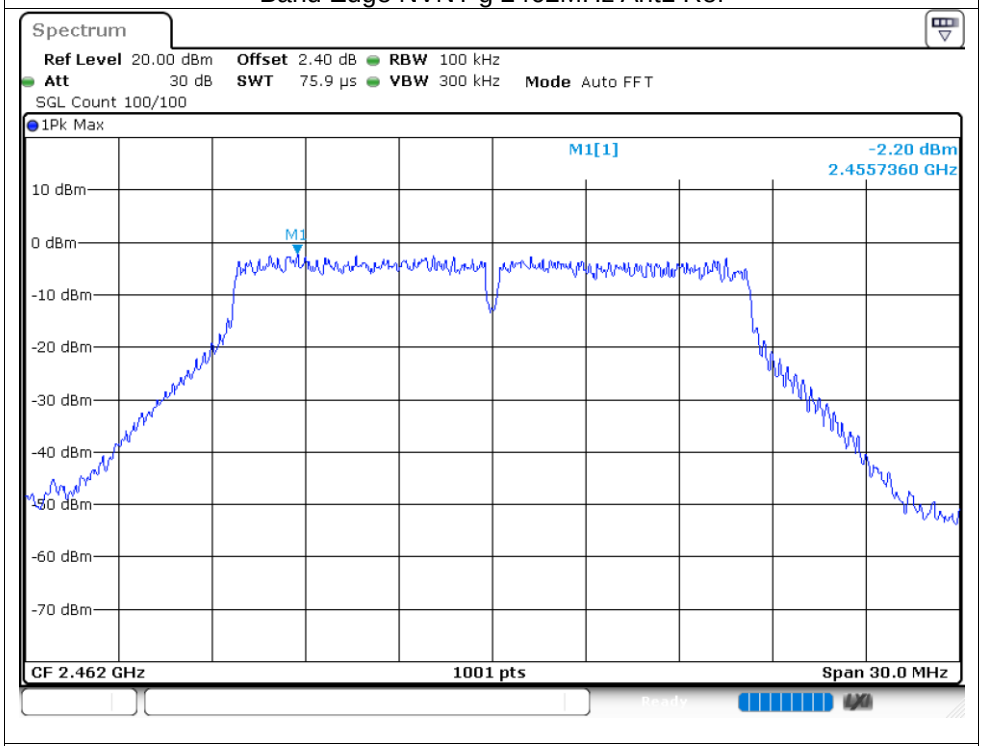
Band Edge NVNT g 2412MHz Ant1 Ref



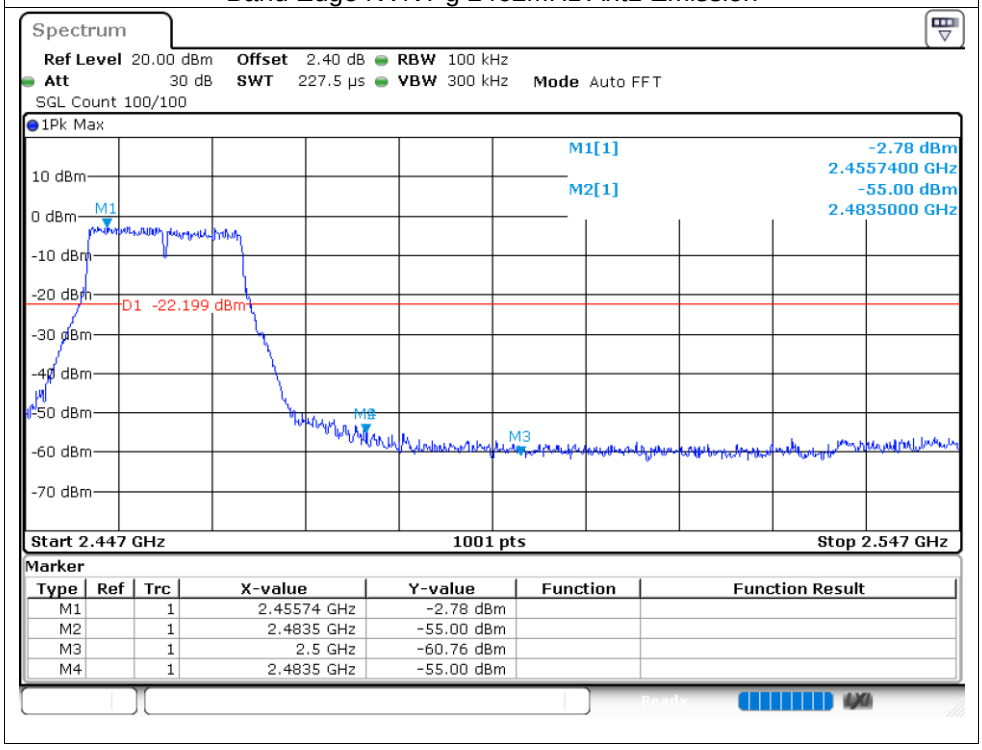
Band Edge NVNT g 2412MHz Ant1 Emission



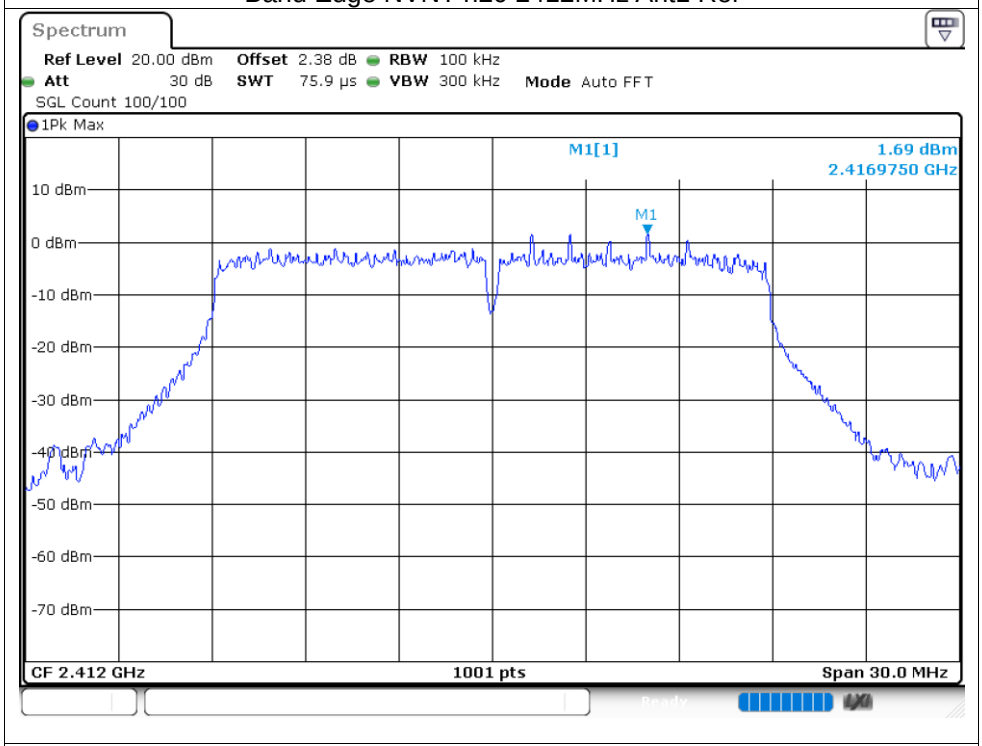
Band Edge NVNT g 2462MHz Ant1 Ref



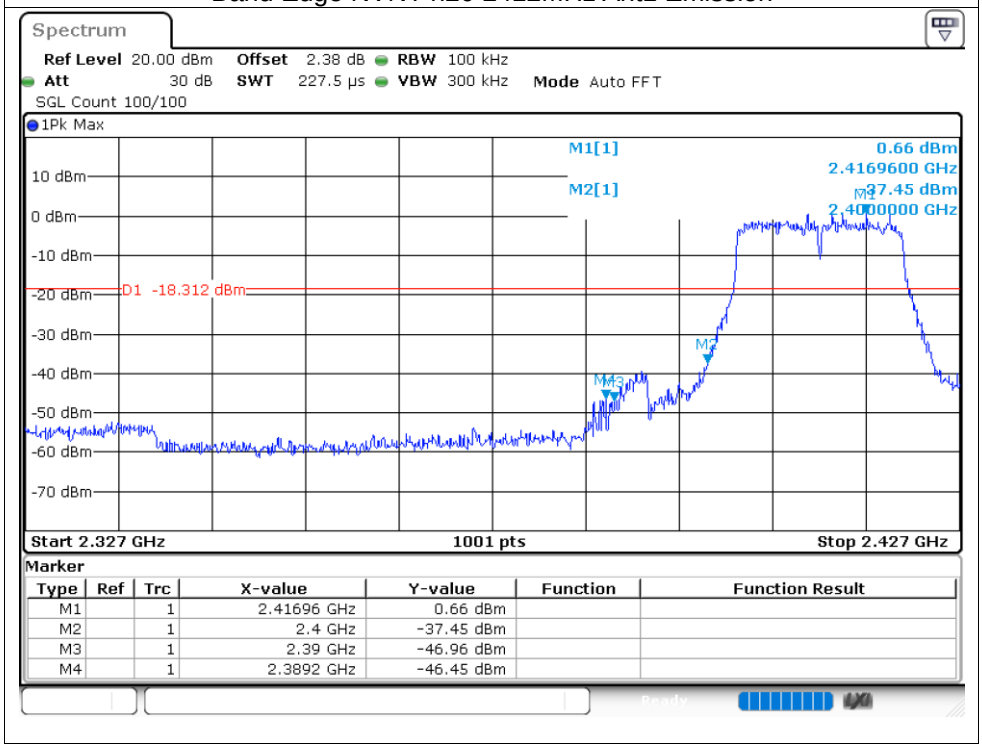
Band Edge NVNT g 2462MHz Ant1 Emission



Band Edge NVNT n20 2412MHz Ant1 Ref



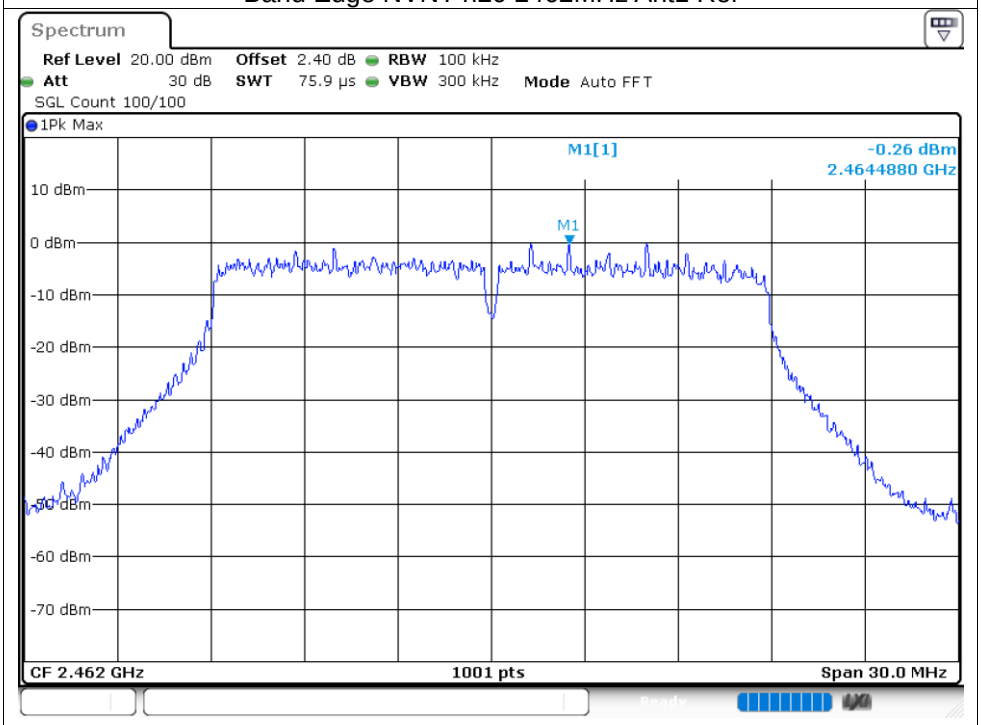
Band Edge NVNT n20 2412MHz Ant1 Emission



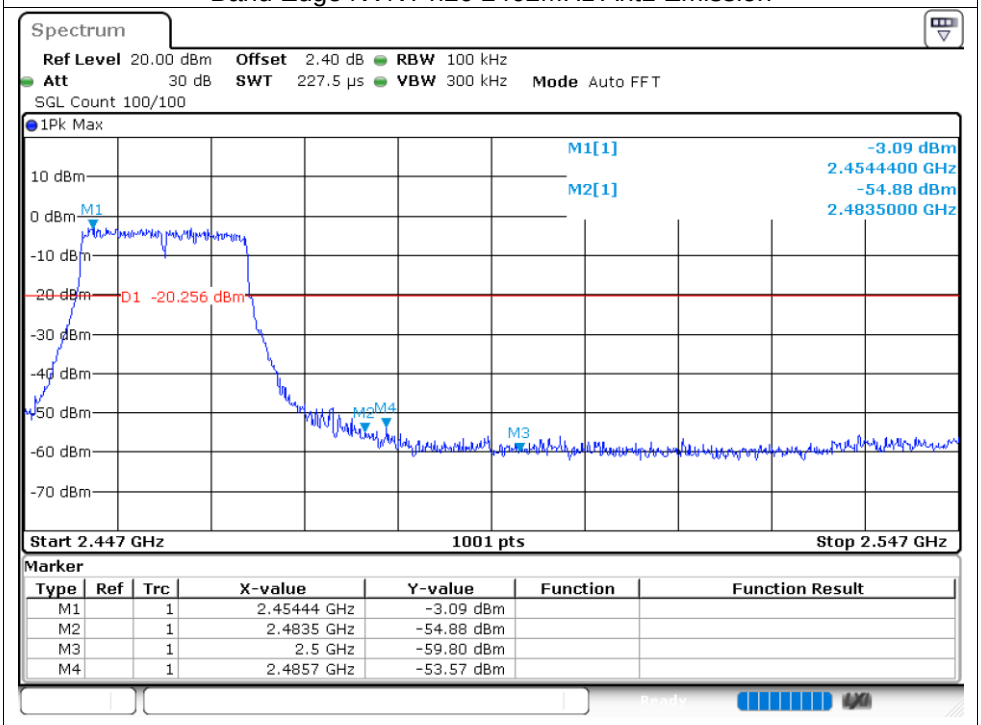
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41696 GHz	0.66 dBm		
M2		1	2.4 GHz	-37.45 dBm		
M3		1	2.39 GHz	-46.96 dBm		
M4		1	2.3892 GHz	-46.45 dBm		

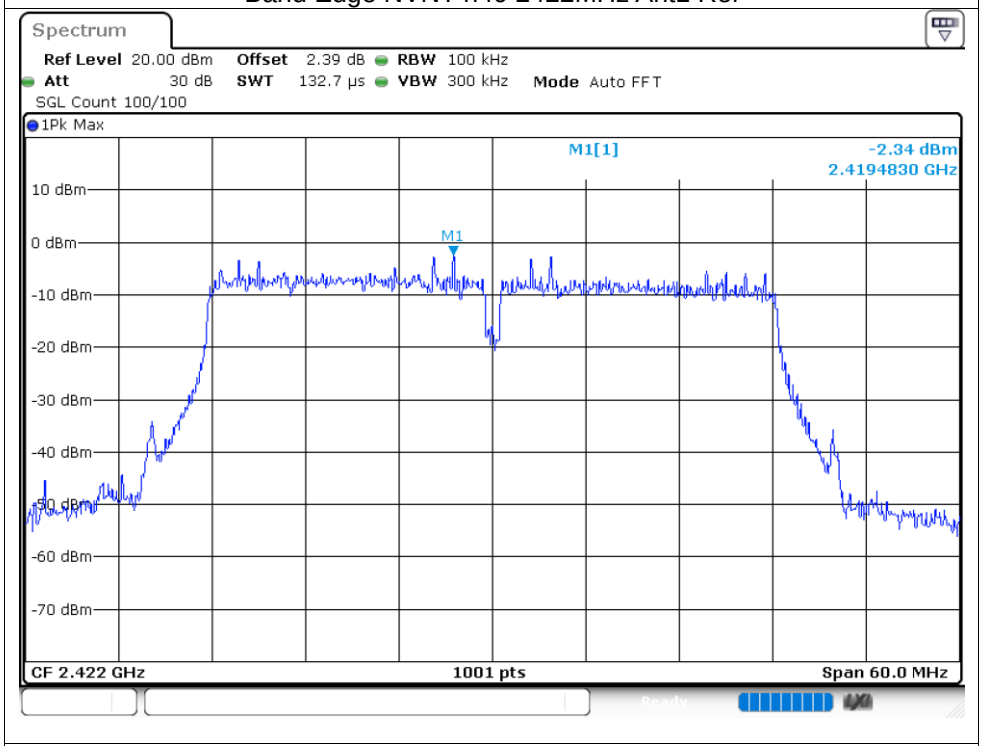
Band Edge NVNT n20 2462MHz Ant1 Ref



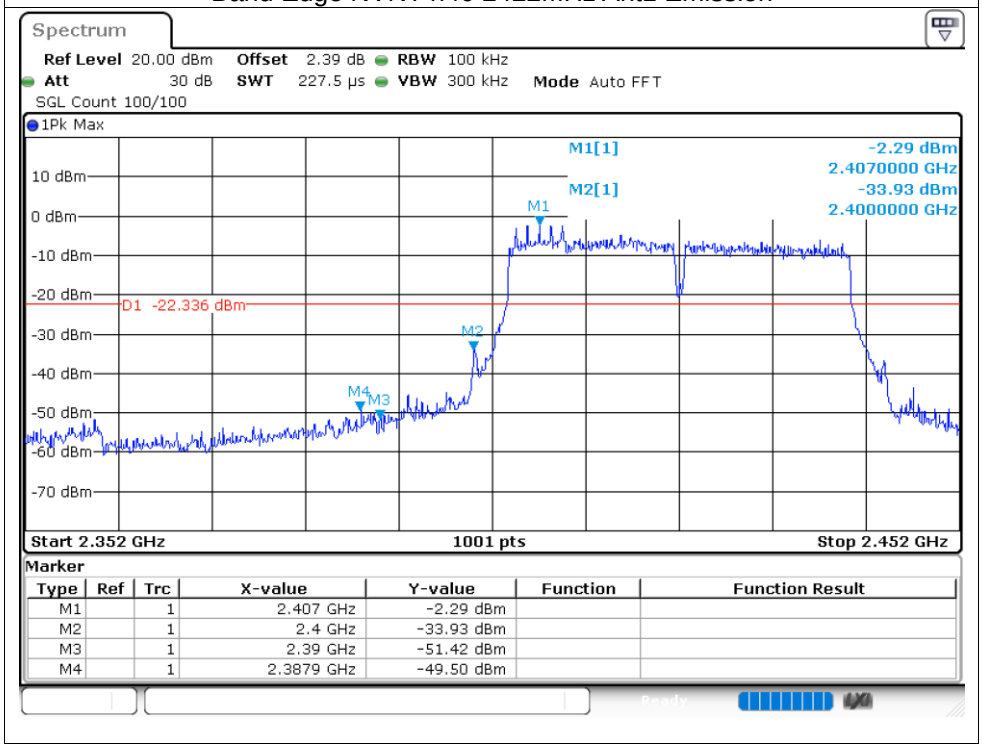
Band Edge NVNT n20 2462MHz Ant1 Emission



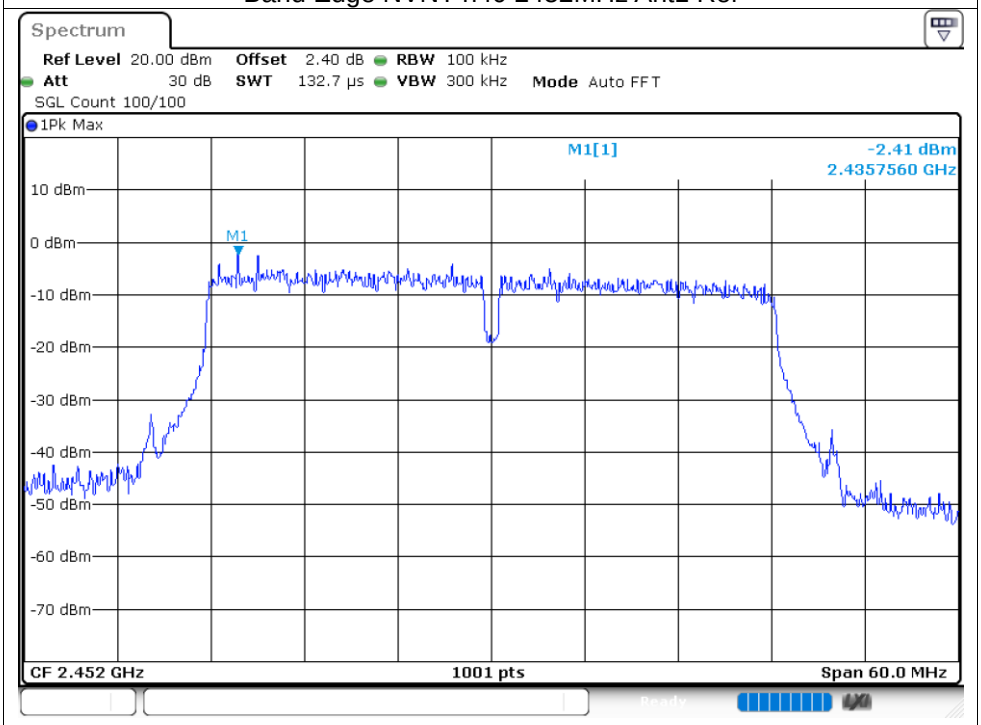
Band Edge NVNT n40 2422MHz Ant1 Ref



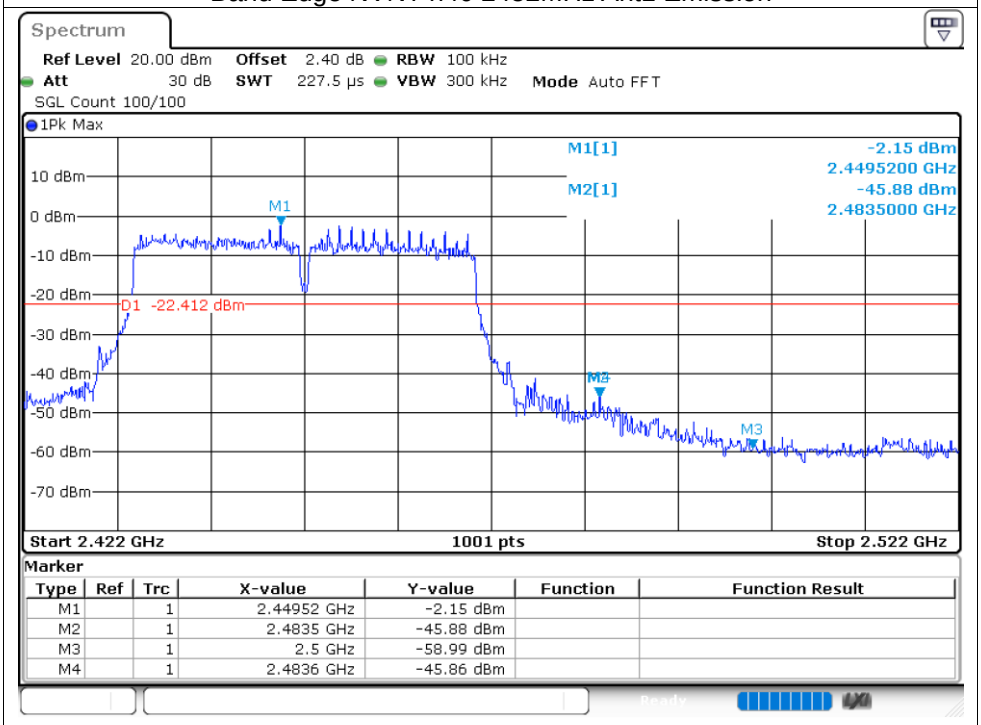
Band Edge NVNT n40 2422MHz Ant1 Emission



Band Edge NVNT n40 2452MHz Ant1 Ref



Band Edge NVNT n40 2452MHz Ant1 Emission

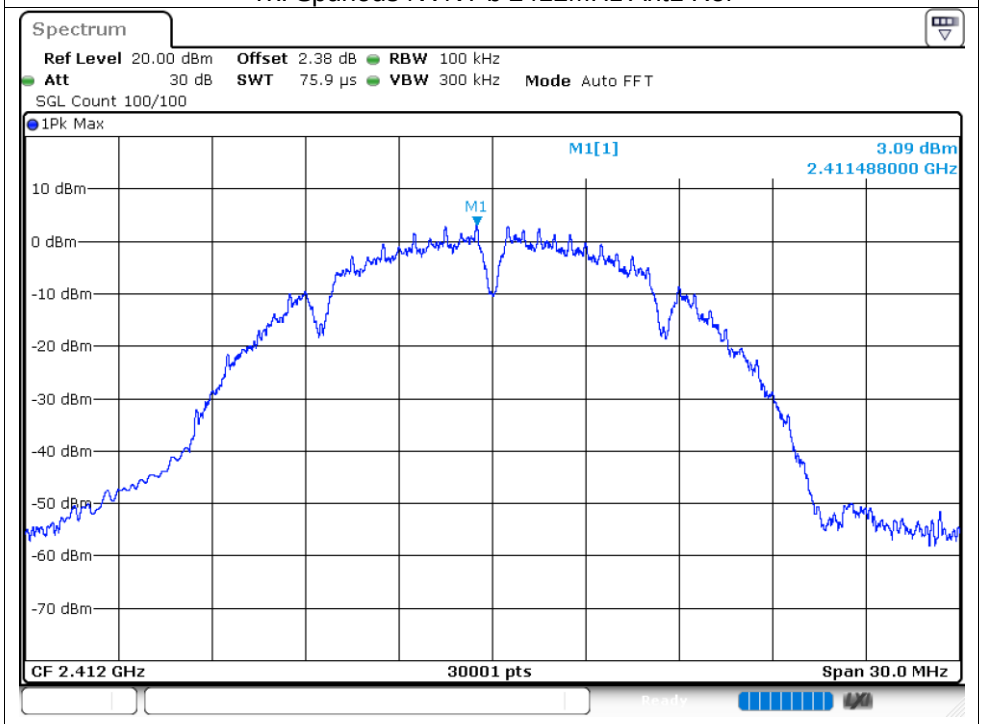


8.7 CONDUCTED RF SPURIOUS EMISSION

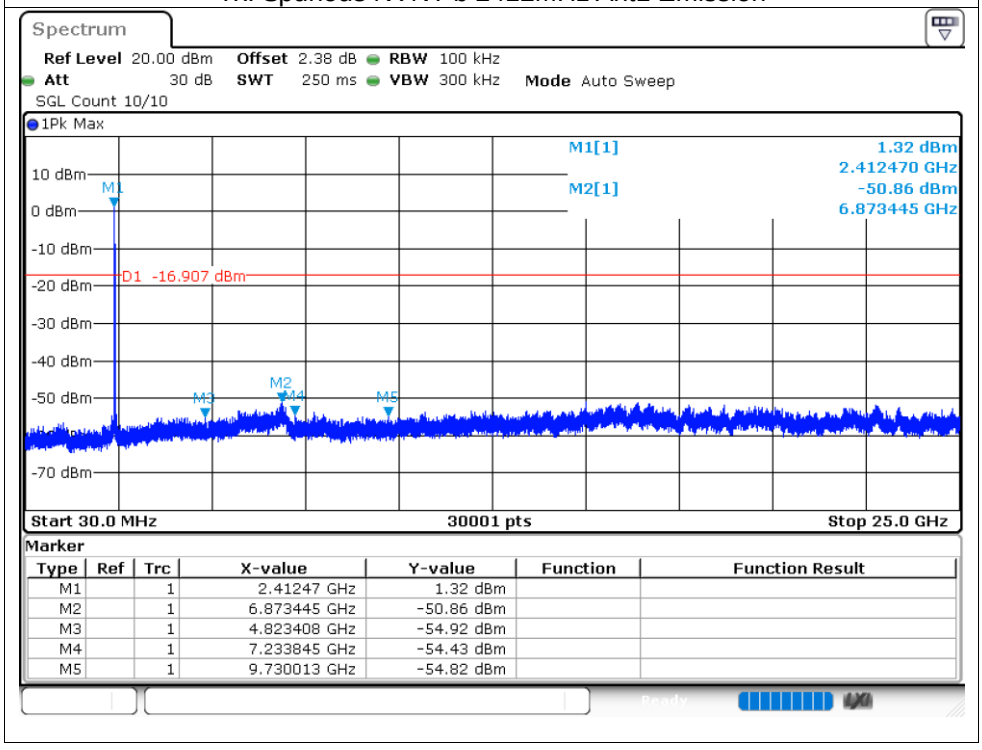
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-53.95	-20	Pass
NVNT	b	2437	Ant1	-51.84	-20	Pass
NVNT	b	2462	Ant1	-53.41	-20	Pass
NVNT	g	2412	Ant1	-51.52	-20	Pass
NVNT	g	2437	Ant1	-48.74	-20	Pass
NVNT	g	2462	Ant1	-51.15	-20	Pass
NVNT	n20	2412	Ant1	-52.27	-20	Pass
NVNT	n20	2437	Ant1	-51.59	-20	Pass
NVNT	n20	2462	Ant1	-49.08	-20	Pass
NVNT	n40	2422	Ant1	-47.42	-20	Pass
NVNT	n40	2437	Ant1	-48.28	-20	Pass
NVNT	n40	2452	Ant1	-48.87	-20	Pass

Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref



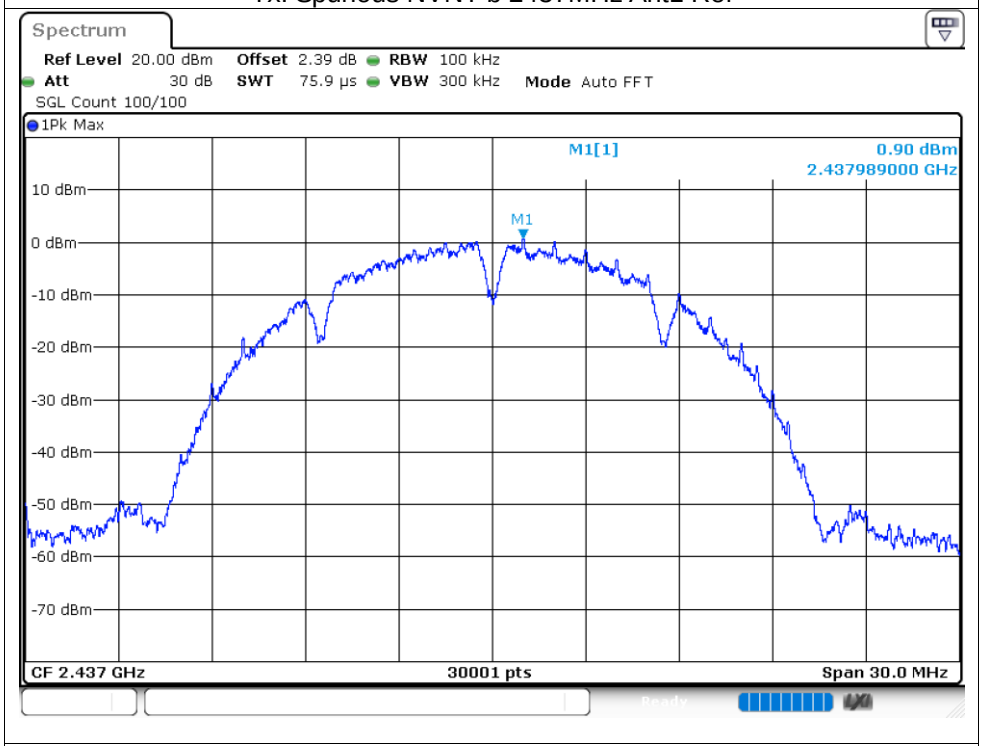
Tx. Spurious NVNT b 2412MHz Ant1 Emission



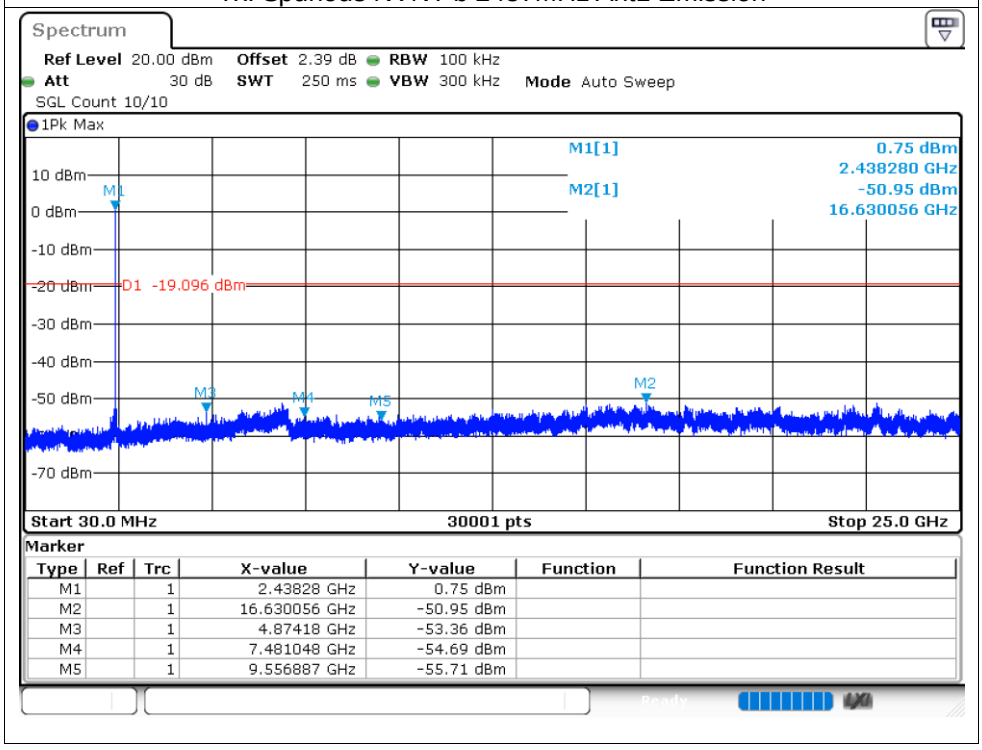
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41247 GHz	1.32 dBm		
M2		1	6.873445 GHz	-50.86 dBm		
M3		1	4.823408 GHz	-54.92 dBm		
M4		1	7.233845 GHz	-54.43 dBm		
M5		1	9.730013 GHz	-54.82 dBm		

Tx. Spurious NVNT b 2437MHz Ant1 Ref



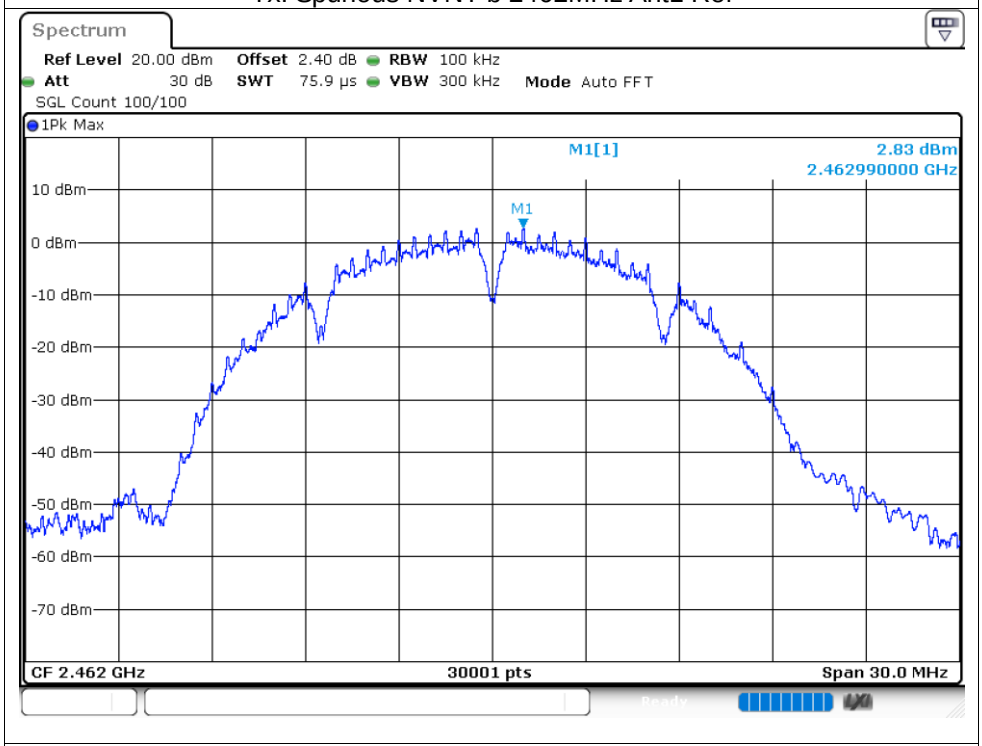
Tx. Spurious NVNT b 2437MHz Ant1 Emission



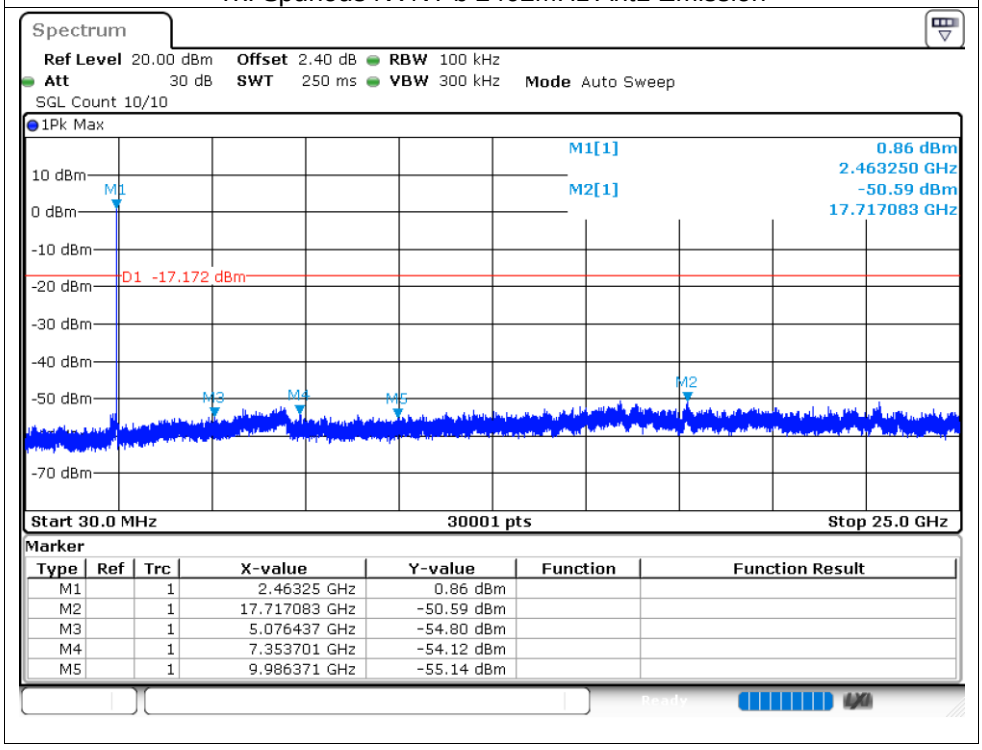
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43828 GHz	0.75 dBm		
M2		1	16.630056 GHz	-50.95 dBm		
M3		1	4.87418 GHz	-53.36 dBm		
M4		1	7.481048 GHz	-54.69 dBm		
M5		1	9.556887 GHz	-55.71 dBm		

Tx. Spurious NVNT b 2462MHz Ant1 Ref

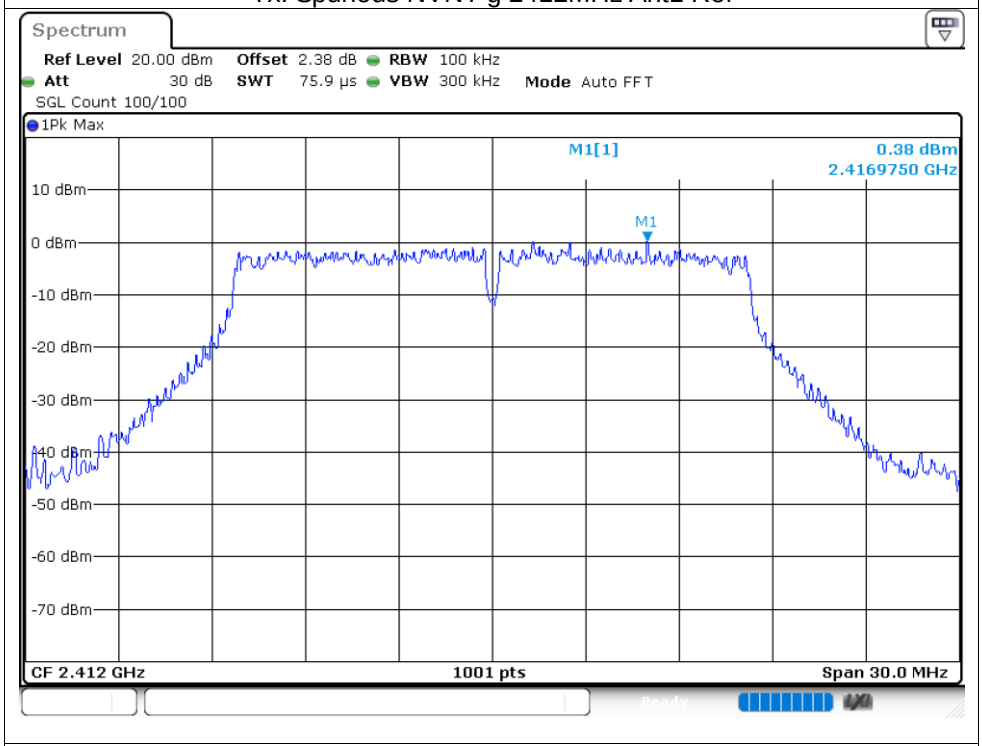


Tx. Spurious NVNT b 2462MHz Ant1 Emission

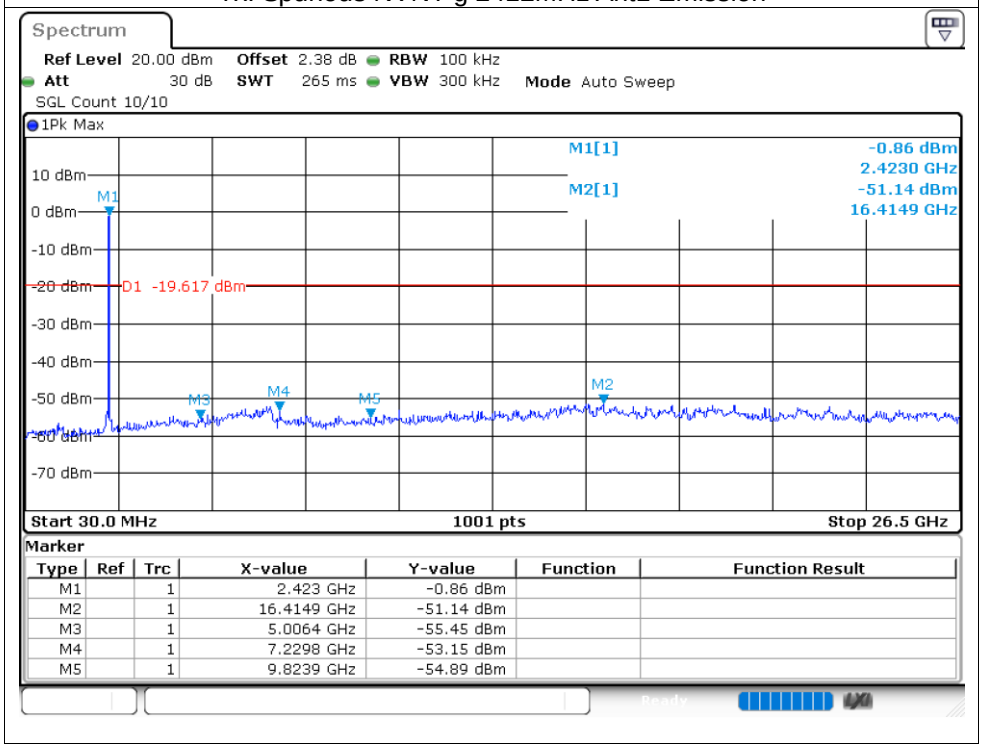


Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46325 GHz	0.86 dBm		
M2		1	17.717083 GHz	-50.59 dBm		
M3		1	5.076437 GHz	-54.80 dBm		
M4		1	7.353701 GHz	-54.12 dBm		
M5		1	9.986371 GHz	-55.14 dBm		

Tx. Spurious NVNT g 2412MHz Ant1 Ref



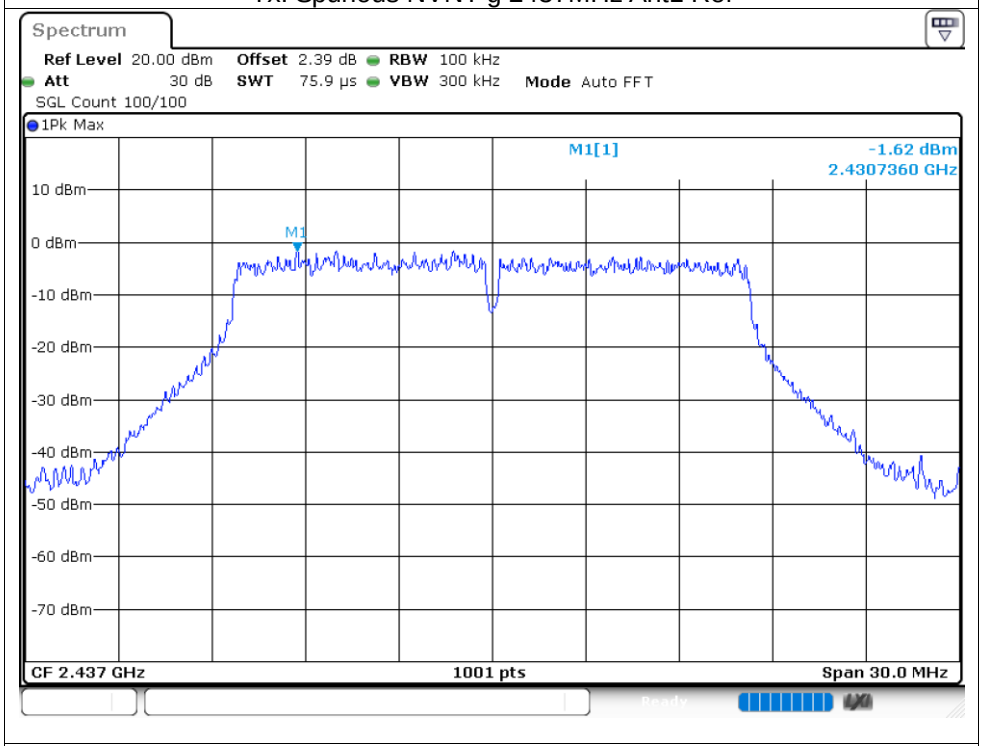
Tx. Spurious NVNT g 2412MHz Ant1 Emission



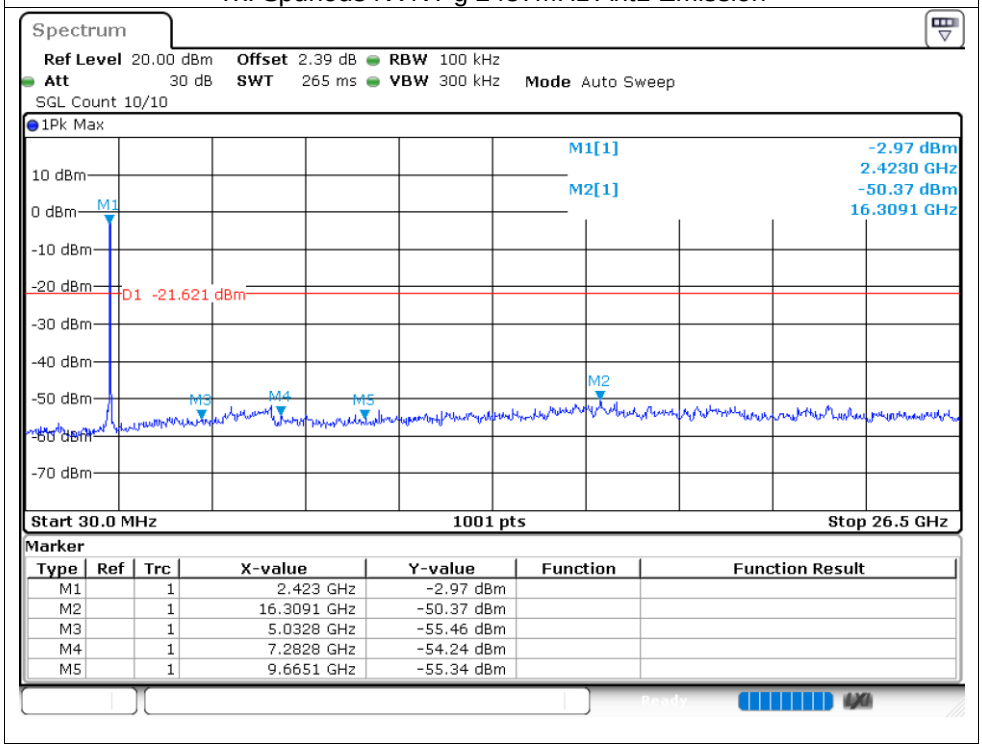
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-0.86 dBm		
M2		1	16.4149 GHz	-51.14 dBm		
M3		1	5.0064 GHz	-55.45 dBm		
M4		1	7.2298 GHz	-53.15 dBm		
M5		1	9.8239 GHz	-54.89 dBm		

Tx. Spurious NVNT g 2437MHz Ant1 Ref



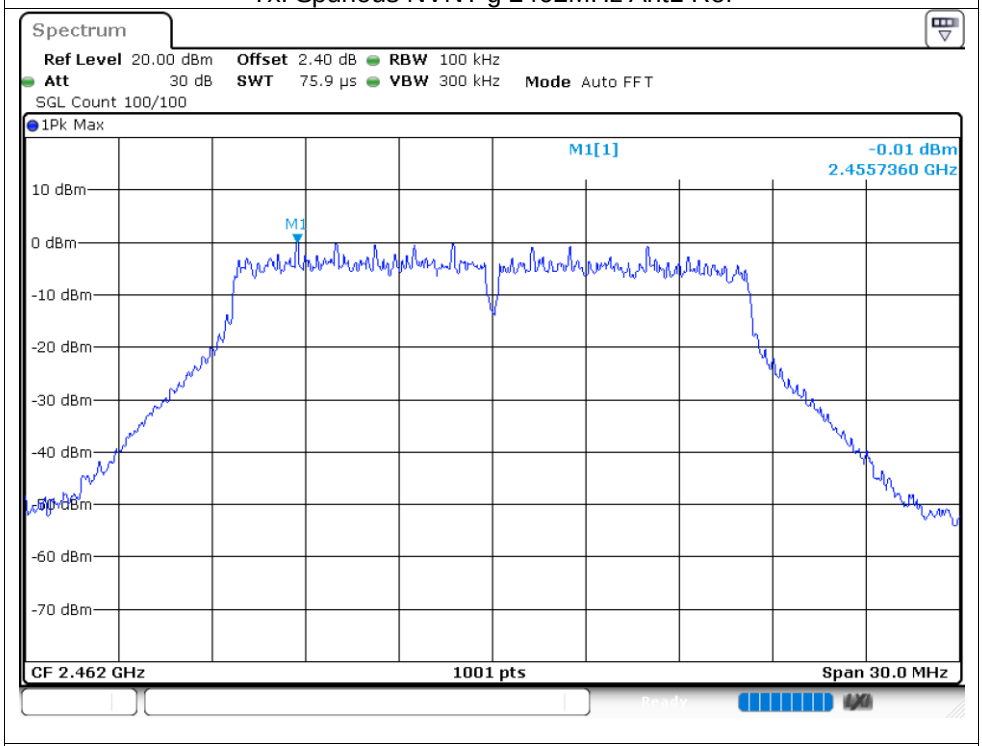
Tx. Spurious NVNT g 2437MHz Ant1 Emission



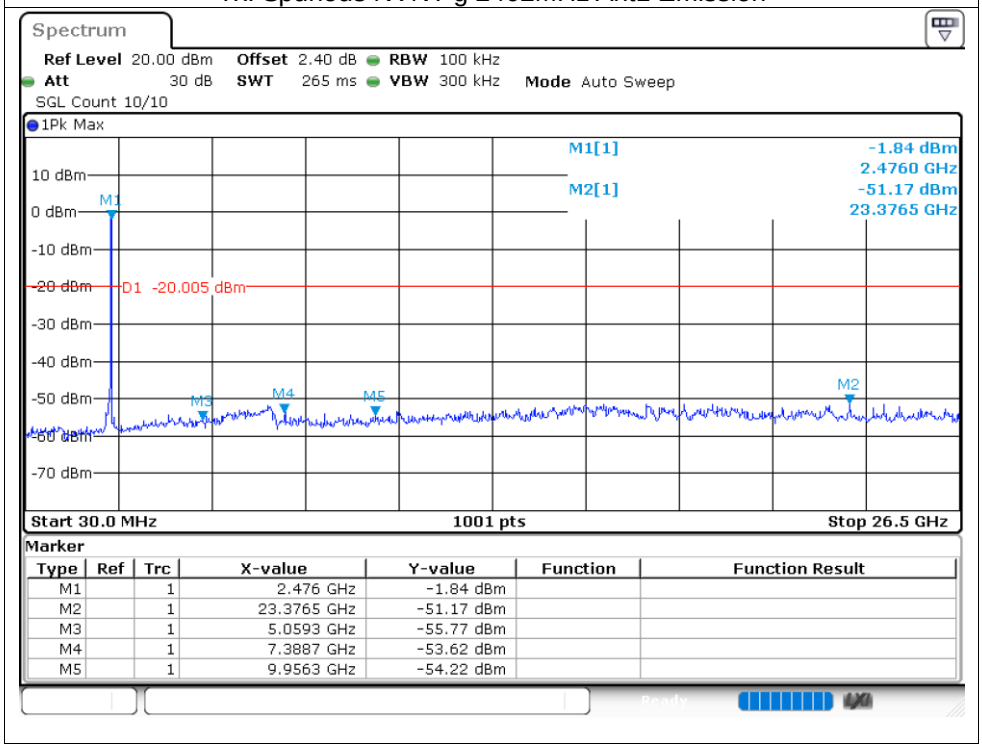
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-2.97 dBm		
M2		1	16.3091 GHz	-50.37 dBm		
M3		1	5.0328 GHz	-55.46 dBm		
M4		1	7.2828 GHz	-54.24 dBm		
M5		1	9.6651 GHz	-55.34 dBm		

Tx. Spurious NVNT g 2462MHz Ant1 Ref



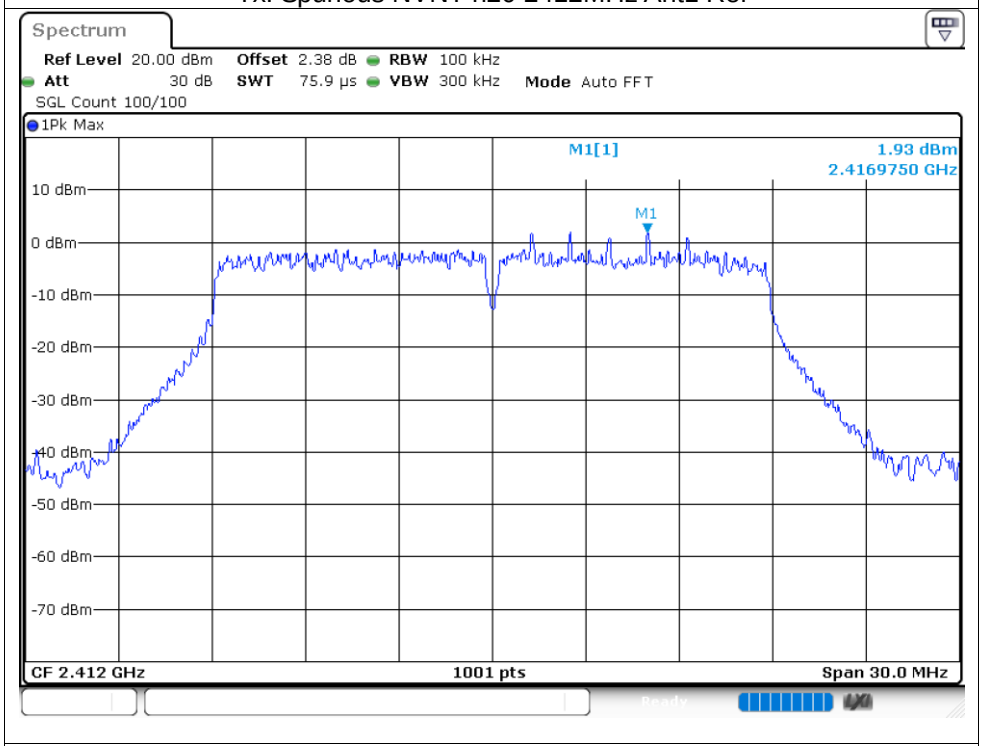
Tx. Spurious NVNT g 2462MHz Ant1 Emission



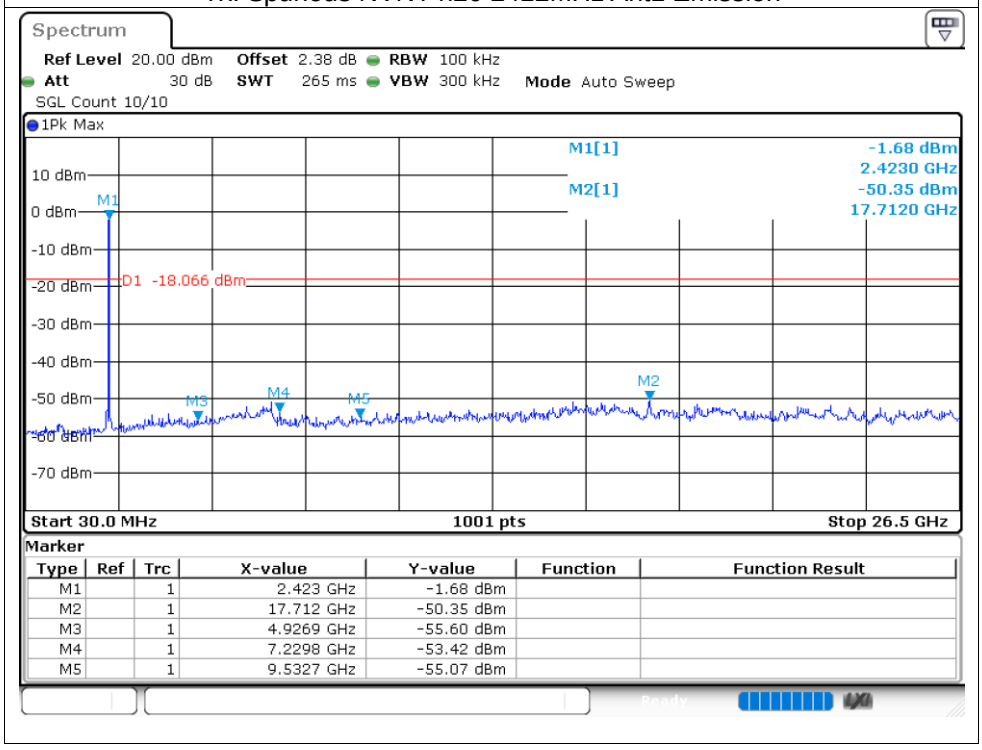
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.476 GHz	-1.84 dBm		
M2		1	23.3765 GHz	-51.17 dBm		
M3		1	5.0593 GHz	-55.77 dBm		
M4		1	7.3887 GHz	-53.62 dBm		
M5		1	9.9563 GHz	-54.22 dBm		

Tx. Spurious NVNT n20 2412MHz Ant1 Ref



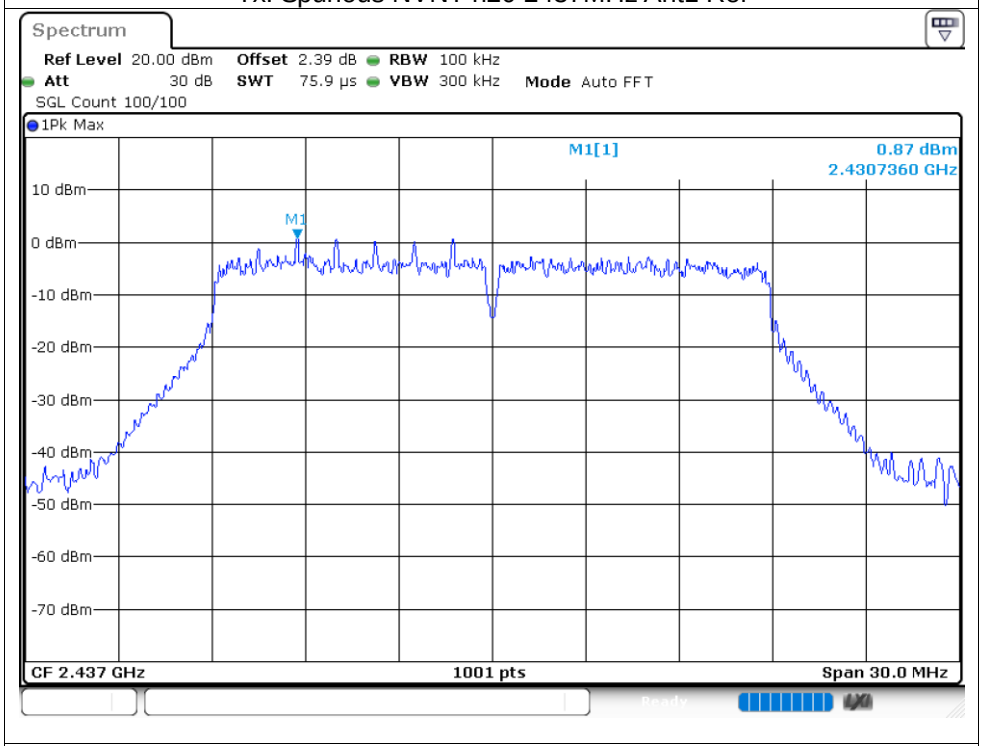
Tx. Spurious NVNT n20 2412MHz Ant1 Emission



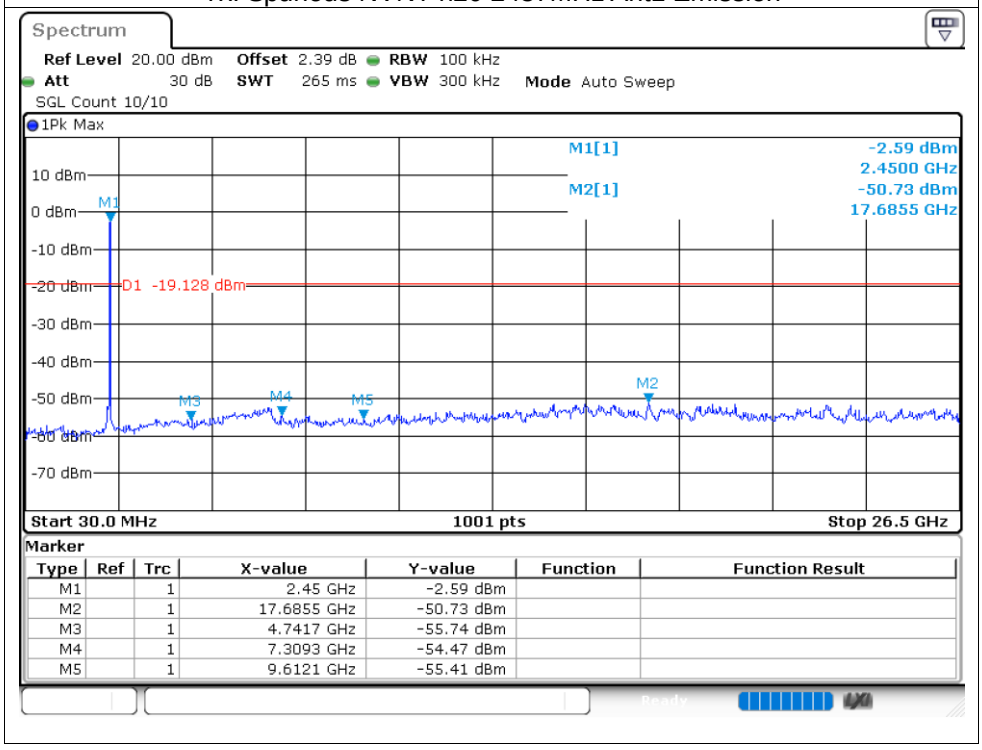
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-1.68 dBm		
M2		1	17.712 GHz	-50.35 dBm		
M3		1	4.9269 GHz	-55.60 dBm		
M4		1	7.2298 GHz	-53.42 dBm		
M5		1	9.5327 GHz	-55.07 dBm		

Tx. Spurious NVNT n20 2437MHz Ant1 Ref

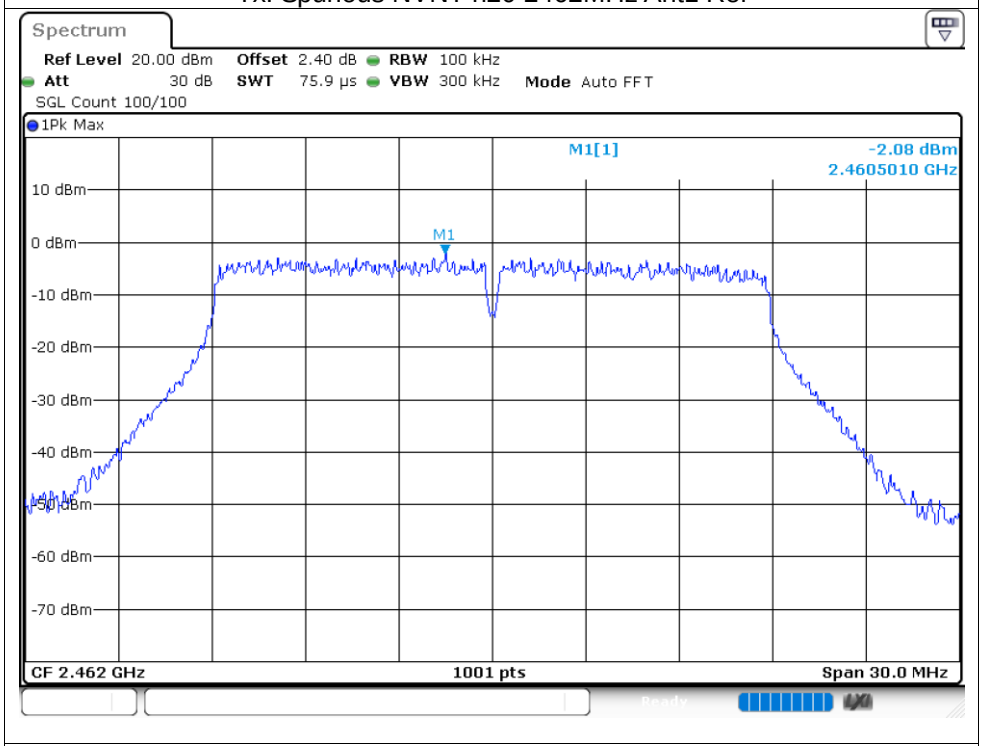


Tx. Spurious NVNT n20 2437MHz Ant1 Emission

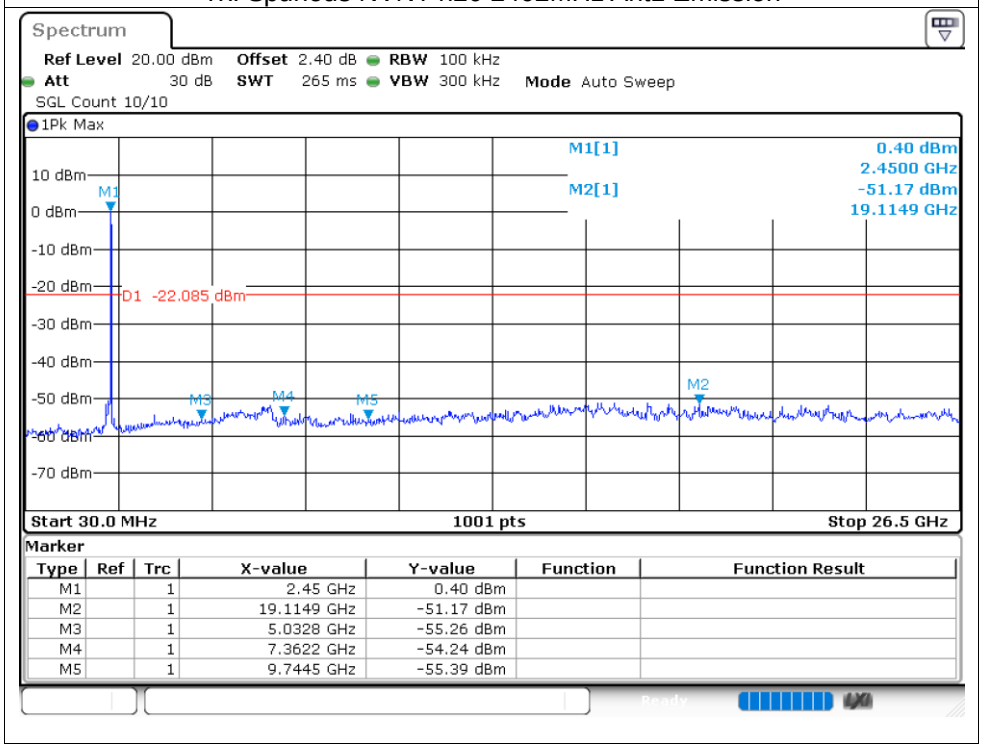


Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-2.59 dBm		
M2		1	17.6855 GHz	-50.73 dBm		
M3		1	4.7417 GHz	-55.74 dBm		
M4		1	7.3093 GHz	-54.47 dBm		
M5		1	9.6121 GHz	-55.41 dBm		

Tx. Spurious NVNT n20 2462MHz Ant1 Ref

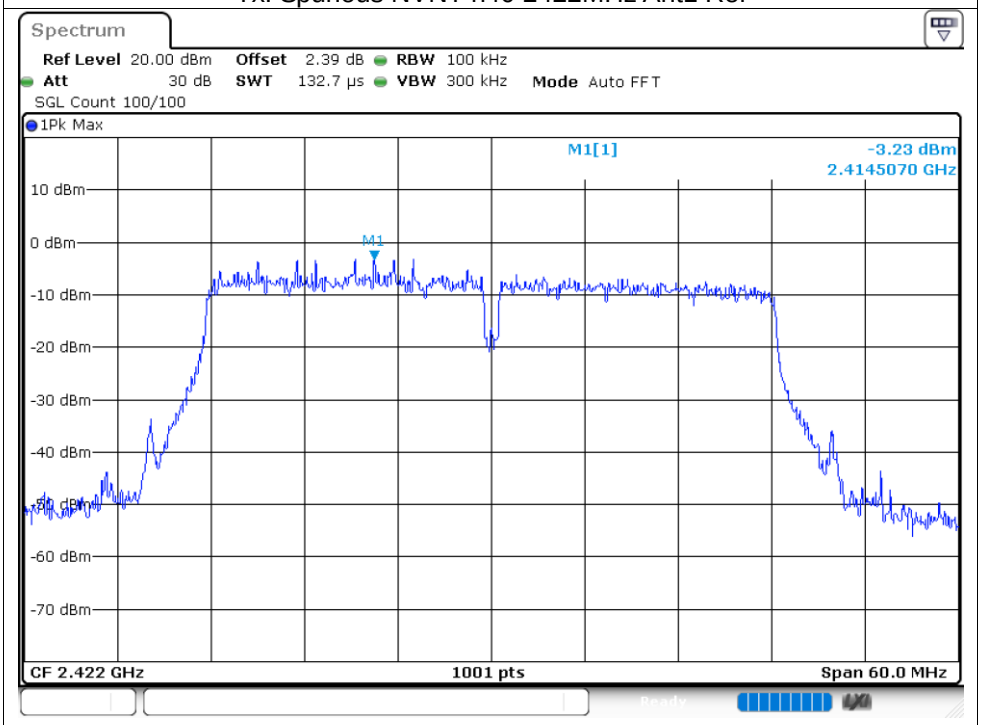


Tx. Spurious NVNT n20 2462MHz Ant1 Emission

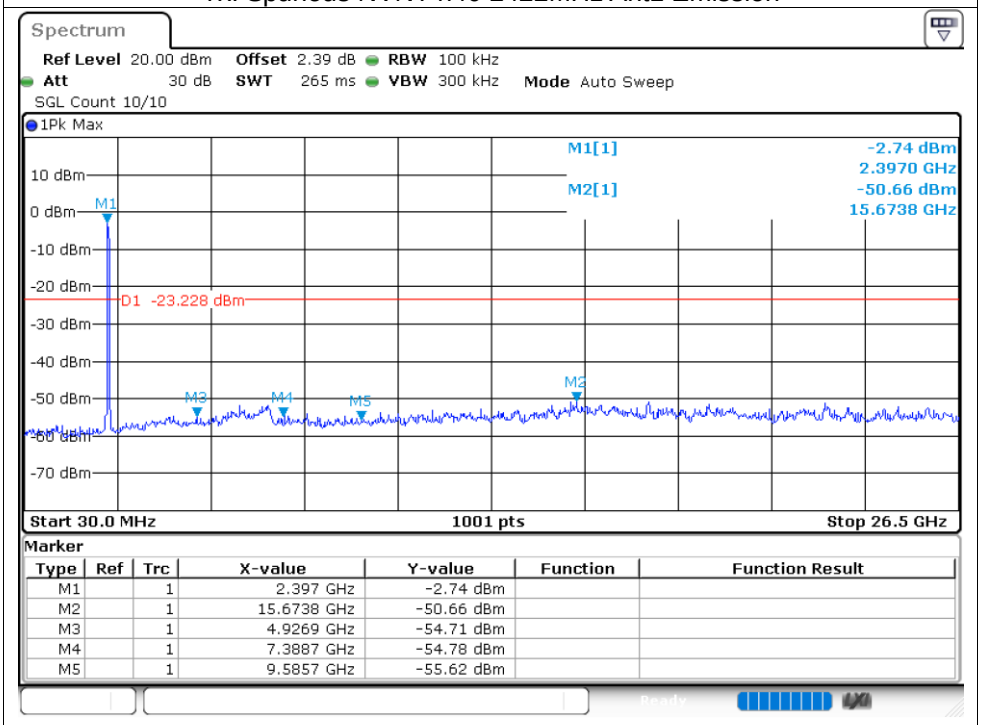


Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	0.40 dBm		
M2		1	19.1149 GHz	-51.17 dBm		
M3		1	5.0328 GHz	-55.26 dBm		
M4		1	7.3622 GHz	-54.24 dBm		
M5		1	9.7445 GHz	-55.39 dBm		

Tx. Spurious NVNT n40 2422MHz Ant1 Ref



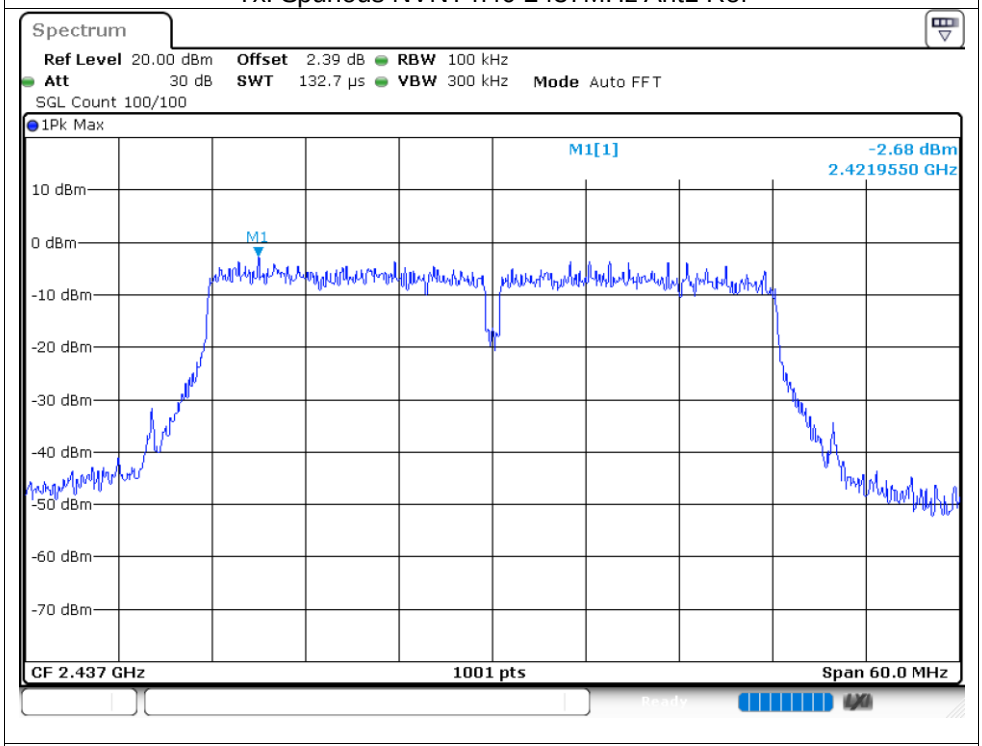
Tx. Spurious NVNT n40 2422MHz Ant1 Emission



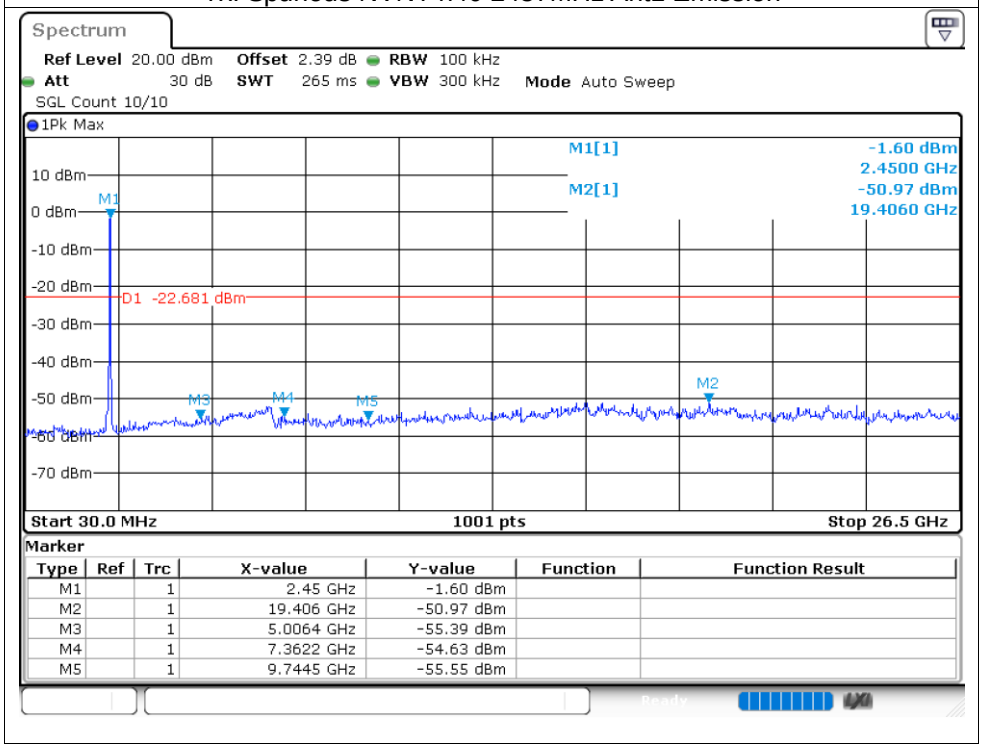
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.397 GHz	-2.74 dBm		
M2		1	15.6738 GHz	-50.66 dBm		
M3		1	4.9269 GHz	-54.71 dBm		
M4		1	7.3887 GHz	-54.78 dBm		
M5		1	9.5857 GHz	-55.62 dBm		

Tx. Spurious NVNT n40 2437MHz Ant1 Ref



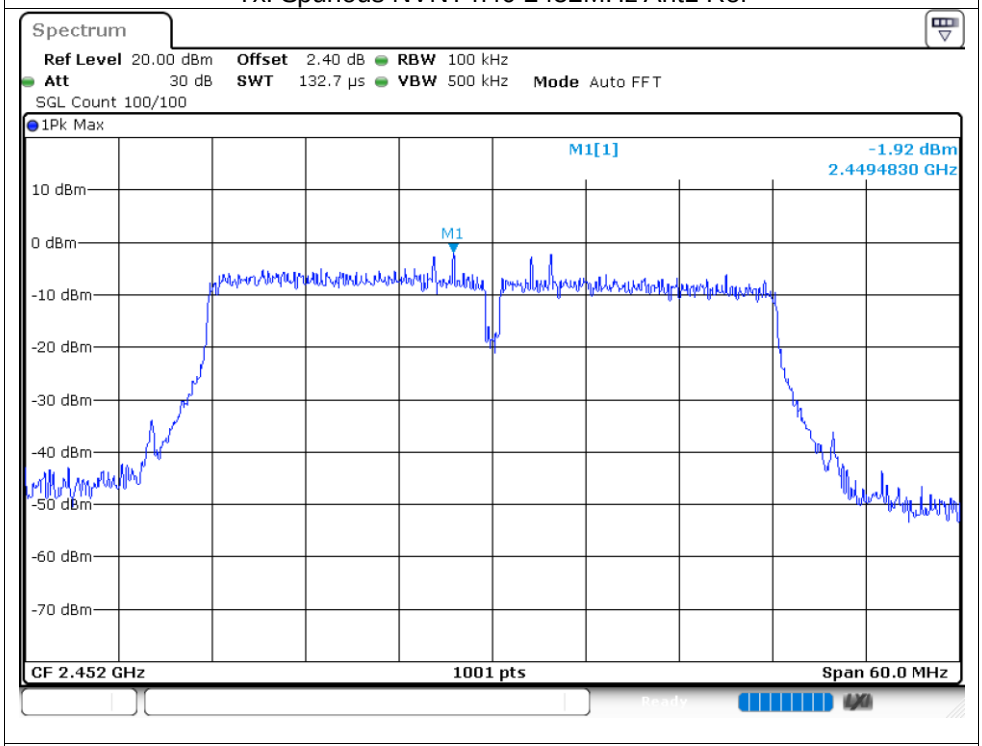
Tx. Spurious NVNT n40 2437MHz Ant1 Emission



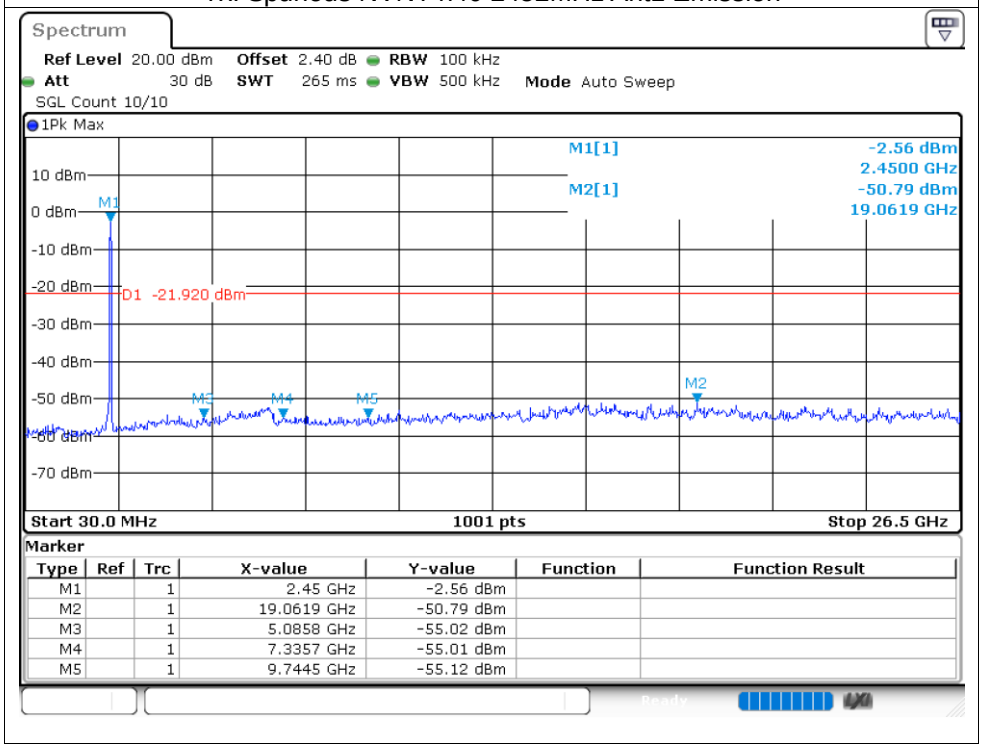
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-1.60 dBm		
M2		1	19.406 GHz	-50.97 dBm		
M3		1	5.0064 GHz	-55.39 dBm		
M4		1	7.3622 GHz	-54.63 dBm		
M5		1	9.7445 GHz	-55.55 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	-2.56 dBm		
M2		1	19.0619 GHz	-50.79 dBm		
M3		1	5.0858 GHz	-55.02 dBm		
M4		1	7.3357 GHz	-55.01 dBm		
M5		1	9.7445 GHz	-55.12 dBm		

END OF REPORT