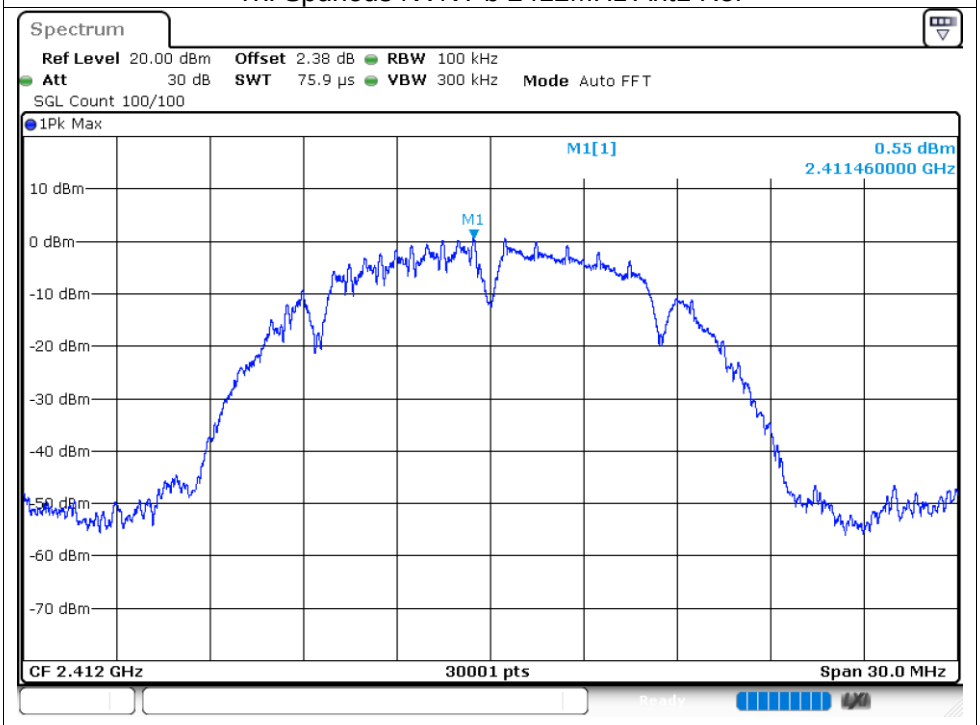
8.7 Conducted RF Spurious Emission

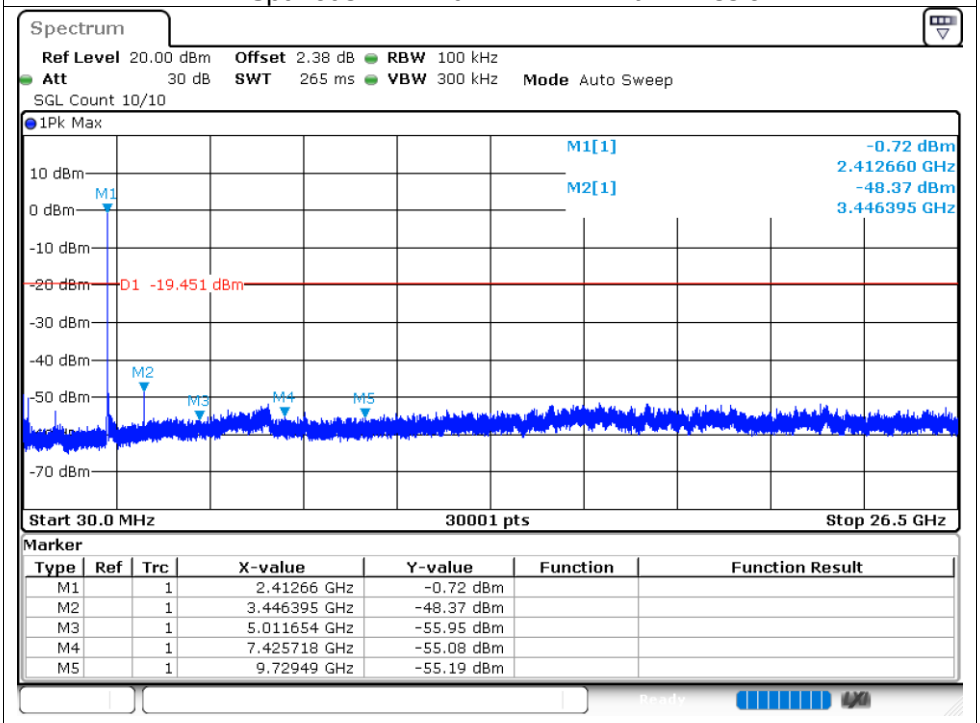
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-48.91	-20	Pass
NVNT	b	2437	Ant1	-47.17	-20	Pass
NVNT	b	2462	Ant1	-46.62	-20	Pass
NVNT	g	2412	Ant1	-44.43	-20	Pass
NVNT	g	2437	Ant1	-48.03	-20	Pass
NVNT	g	2462	Ant1	-45.09	-20	Pass
NVNT	n20	2412	Ant1	-45.35	-20	Pass
NVNT	n20	2437	Ant1	-40.34	-20	Pass
NVNT	n20	2462	Ant1	-45.7	-20	Pass
NVNT	n40	2422	Ant1	-42.27	-20	Pass
NVNT	n40	2437	Ant1	-42.57	-20	Pass
NVNT	n40	2452	Ant1	-39.7	-20	Pass

Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref



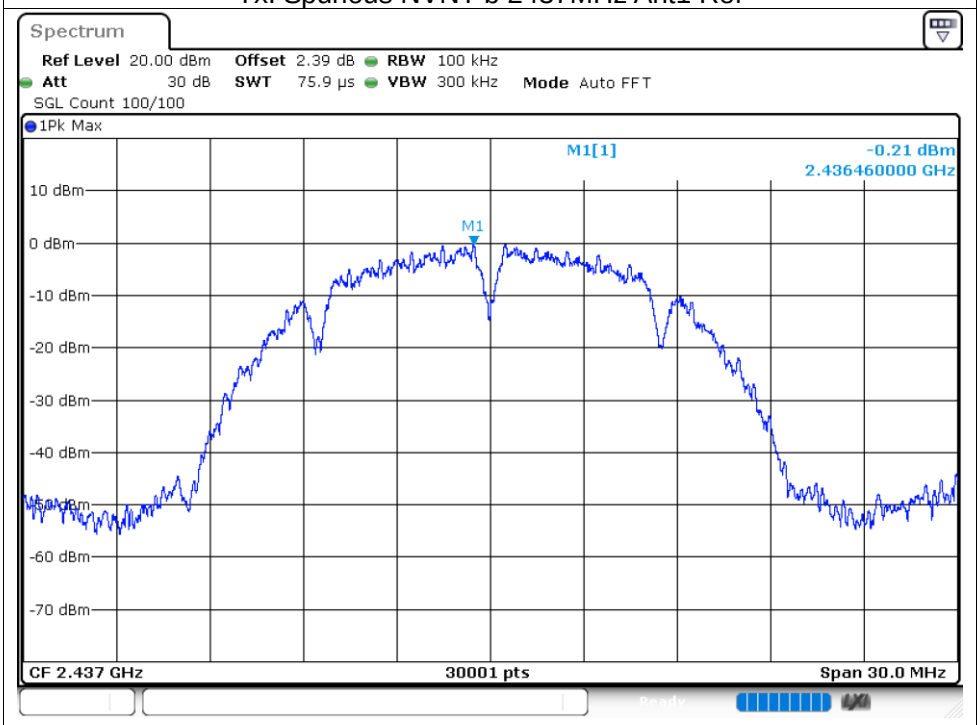
Tx. Spurious NVNT b 2412MHz Ant1 Emission



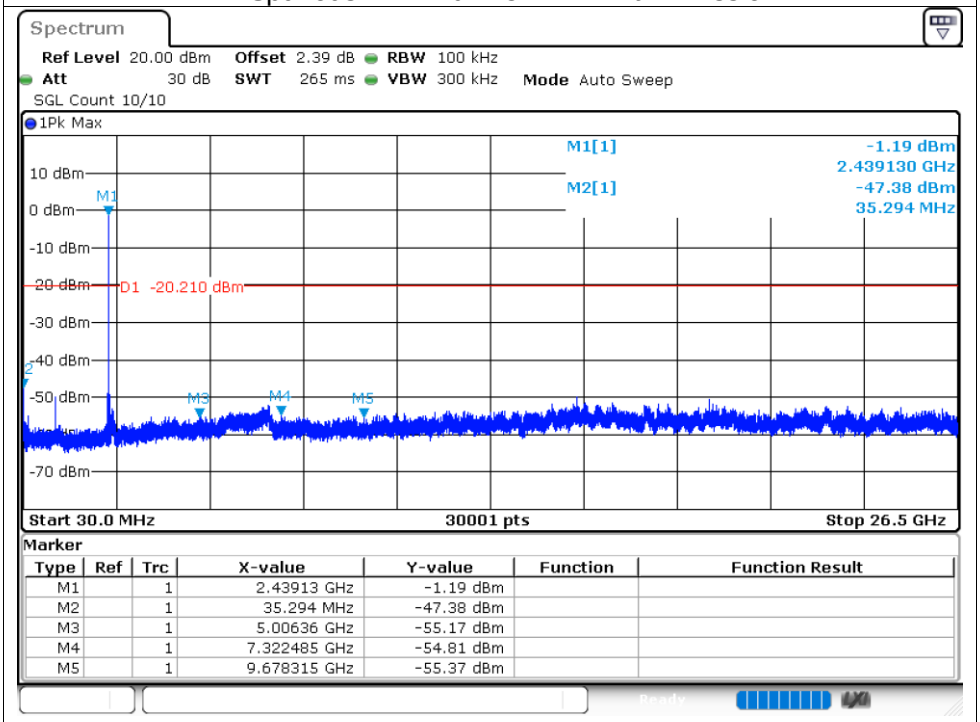
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41266 GHz	-0.72 dBm		
M2		1	3.446395 GHz	-48.37 dBm		
M3		1	5.011654 GHz	-55.95 dBm		
M4		1	7.425718 GHz	-55.08 dBm		
M5		1	9.72949 GHz	-55.19 dBm		

Tx. Spurious NVNT b 2437MHz Ant1 Ref



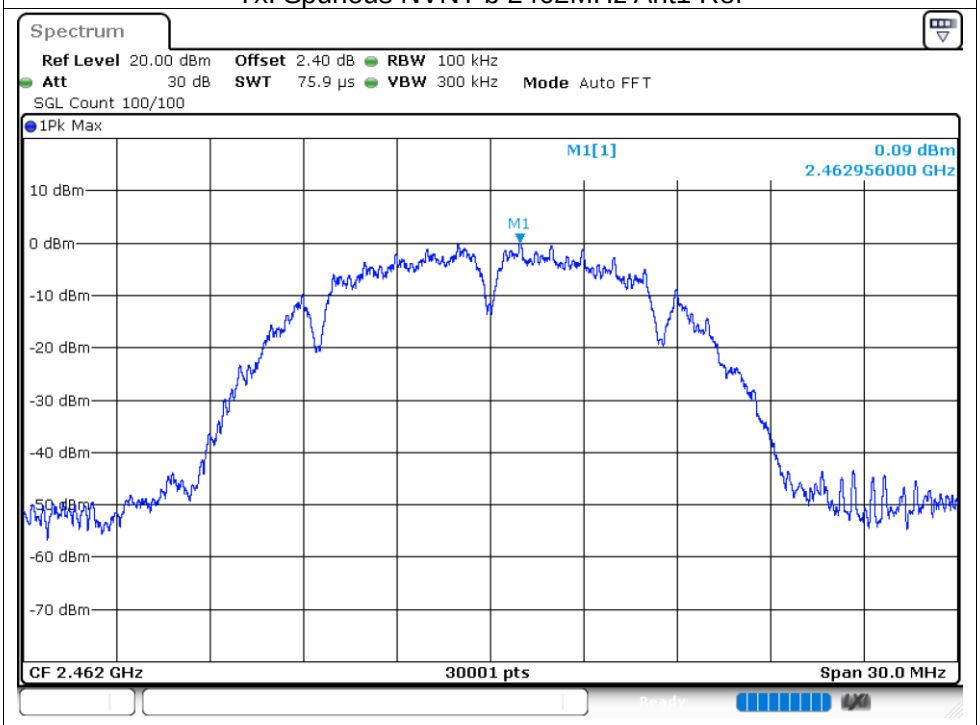
Tx. Spurious NVNT b 2437MHz Ant1 Emission



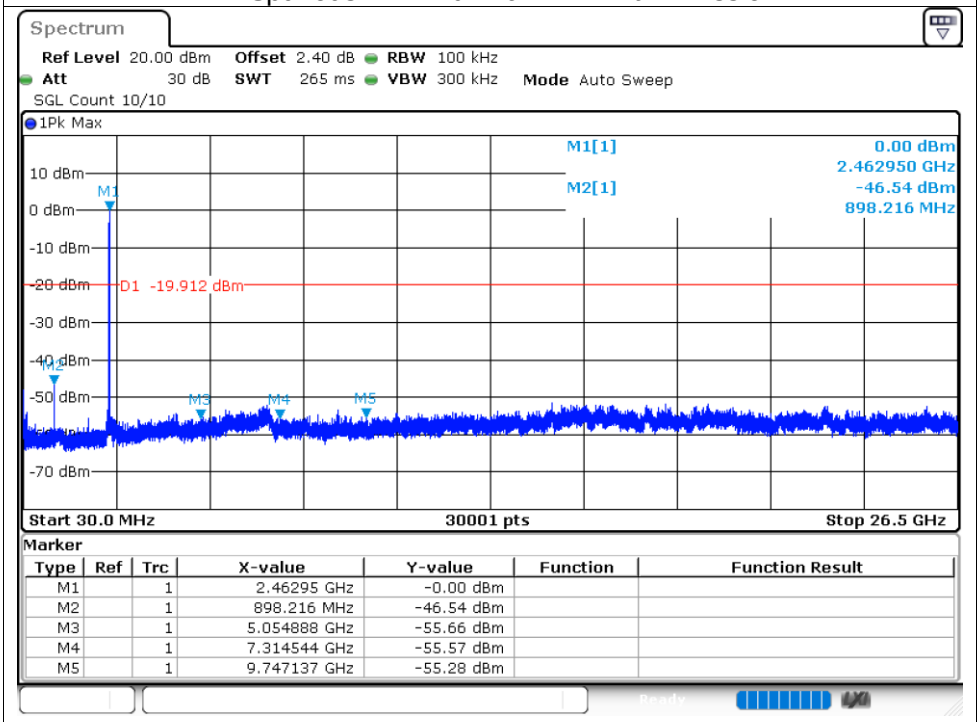
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43913 GHz	-1.19 dBm		
M2		1	35.294 MHz	-47.38 dBm		
M3		1	5.00636 GHz	-55.17 dBm		
M4		1	7.322485 GHz	-54.81 dBm		
M5		1	9.678315 GHz	-55.37 dBm		

Tx. Spurious NVNT b 2462MHz Ant1 Ref



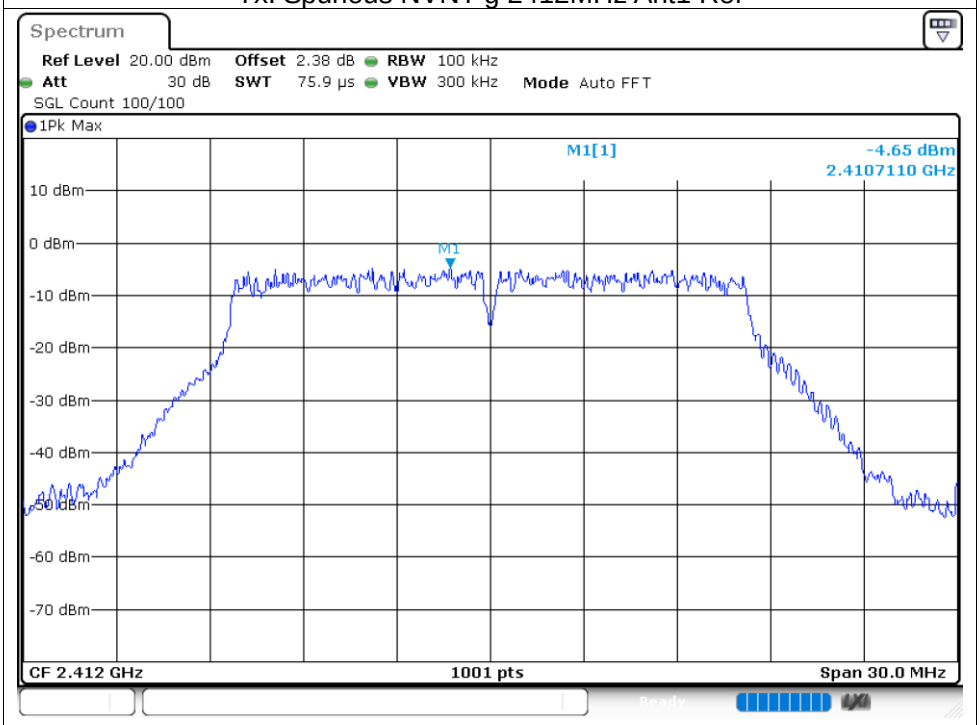
Tx. Spurious NVNT b 2462MHz Ant1 Emission



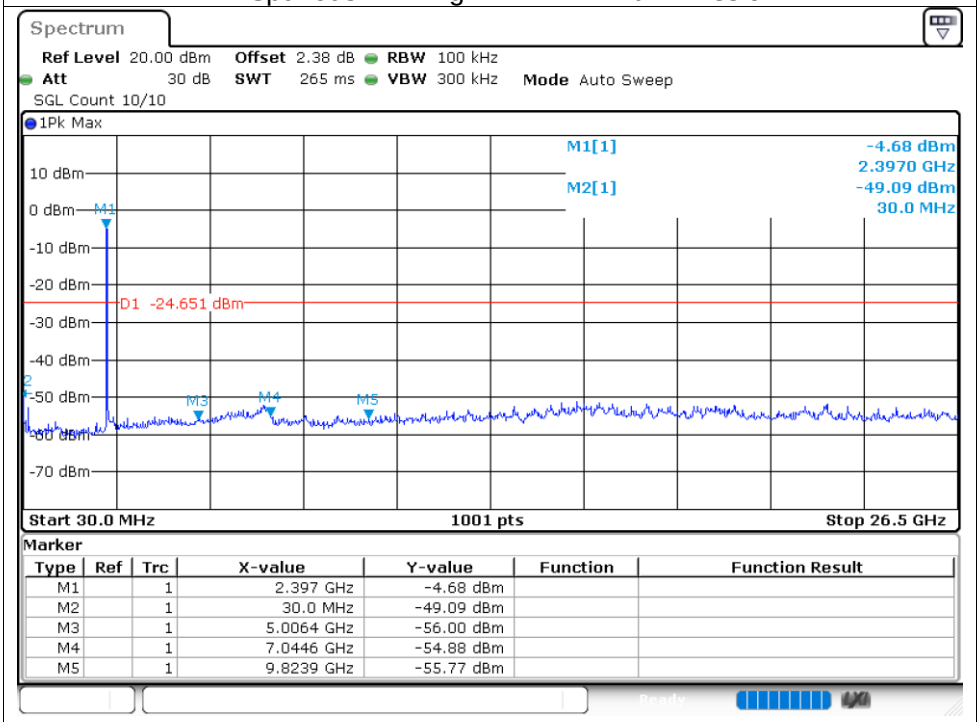
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46295 GHz	-0.00 dBm		
M2		1	898.216 MHz	-46.54 dBm		
M3		1	5.054888 GHz	-55.66 dBm		
M4		1	7.314544 GHz	-55.57 dBm		
M5		1	9.747137 GHz	-55.28 dBm		

Tx. Spurious NVNT g 2412MHz Ant1 Ref



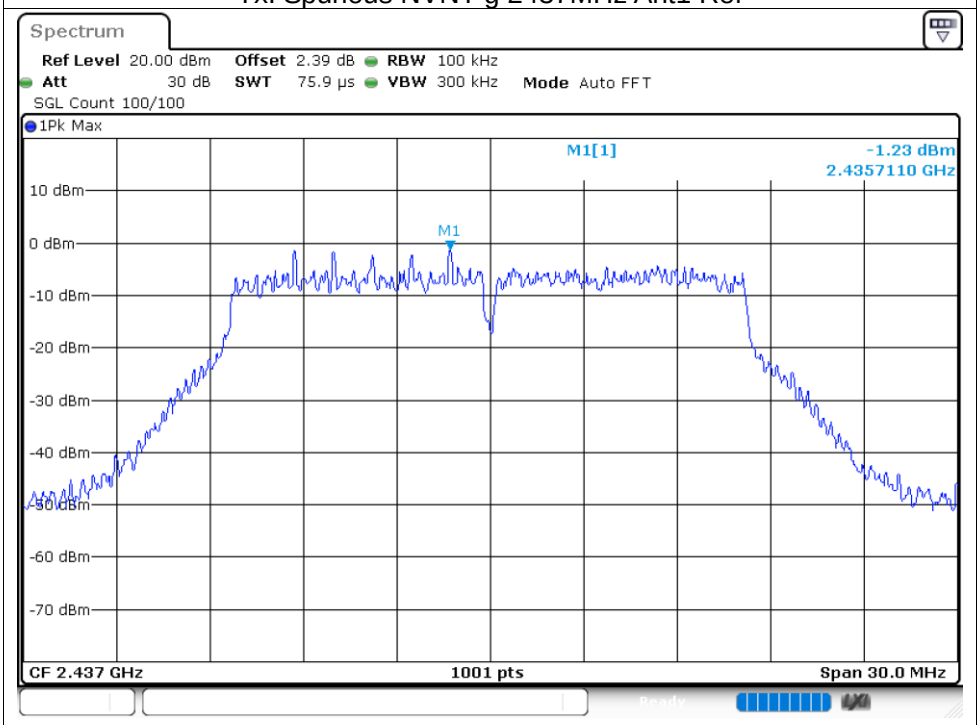
Tx. Spurious NVNT g 2412MHz Ant1 Emission



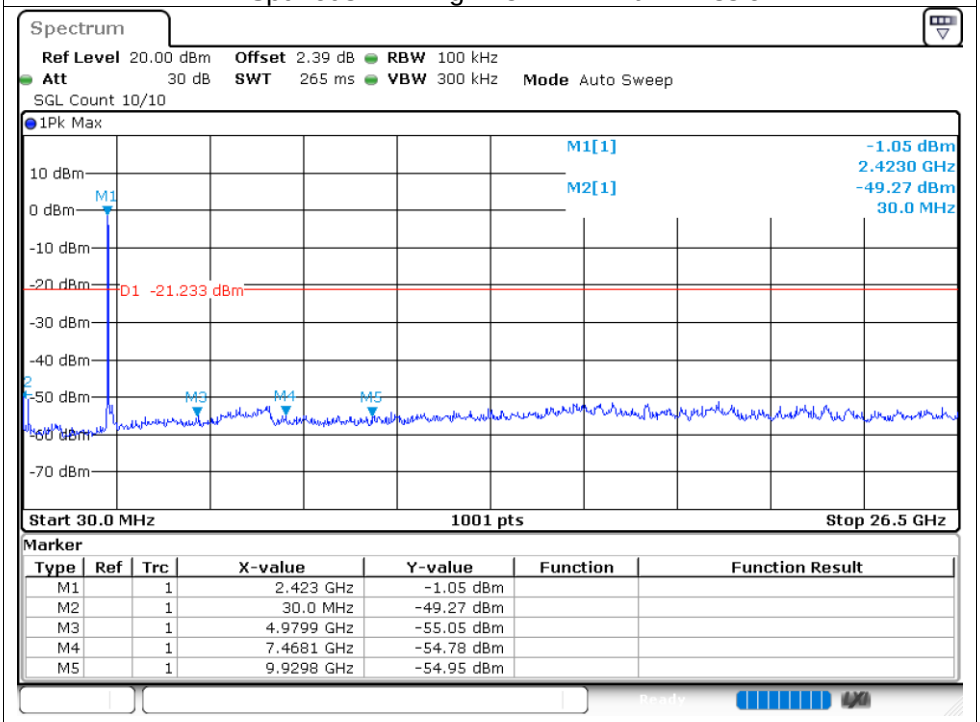
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.397 GHz	-4.68 dBm		
M2		1	30.0 MHz	-49.09 dBm		
M3		1	5.0064 GHz	-56.00 dBm		
M4		1	7.0446 GHz	-54.88 dBm		
M5		1	9.8239 GHz	-55.77 dBm		

Tx. Spurious NVNT g 2437MHz Ant1 Ref



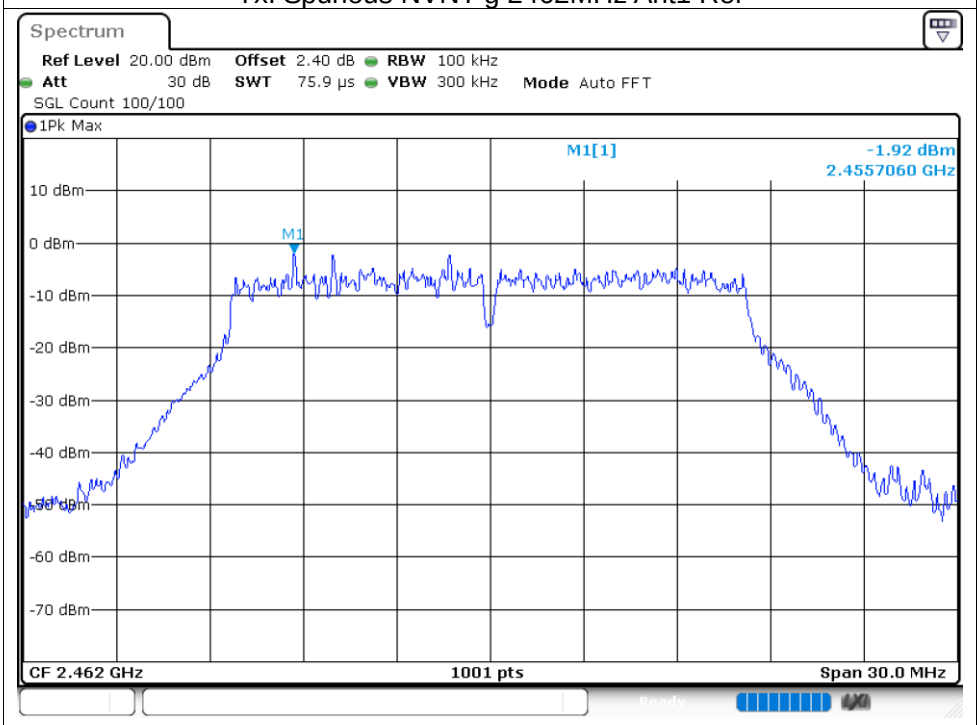
Tx. Spurious NVNT g 2437MHz Ant1 Emission



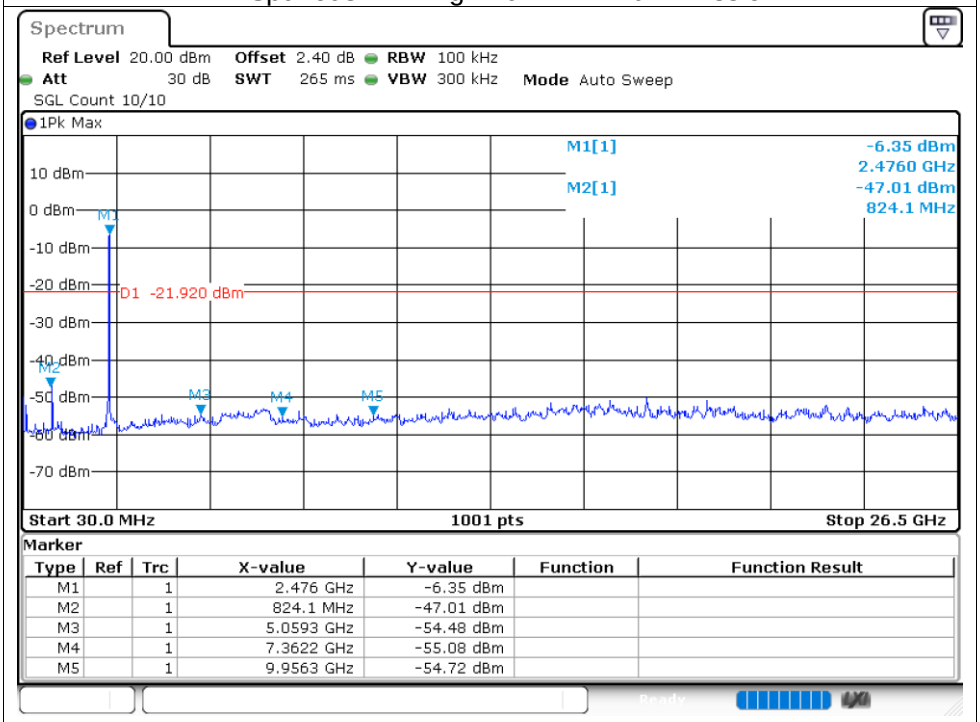
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-1.05 dBm		
M2		1	30.0 MHz	-49.27 dBm		
M3		1	4.9799 GHz	-55.05 dBm		
M4		1	7.4681 GHz	-54.78 dBm		
M5		1	9.9298 GHz	-54.95 dBm		

Tx. Spurious NVNT g 2462MHz Ant1 Ref



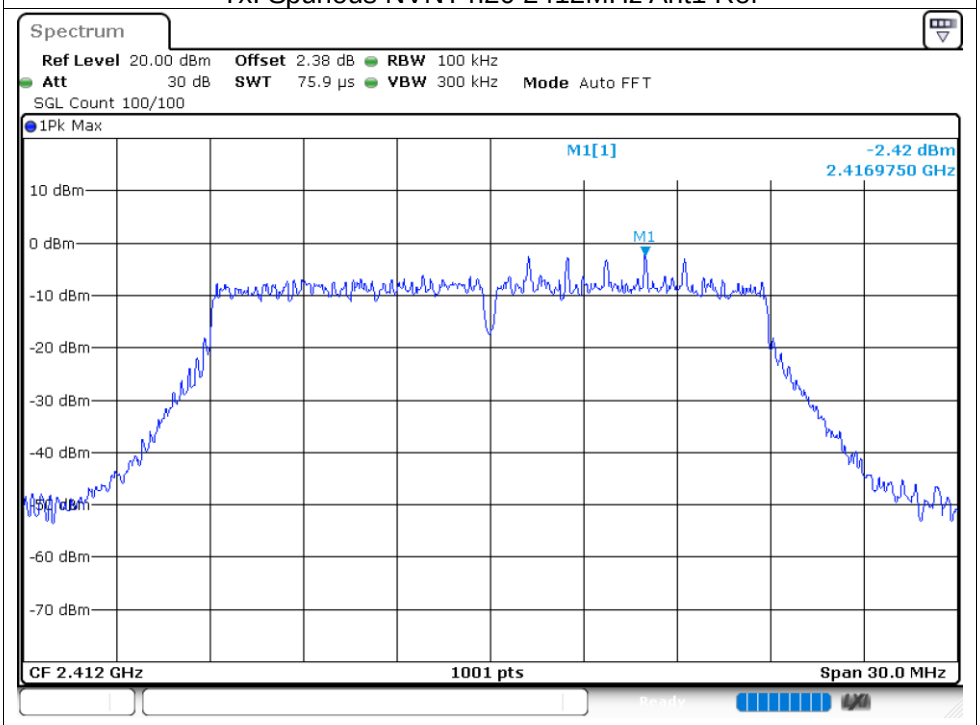
Tx. Spurious NVNT g 2462MHz Ant1 Emission



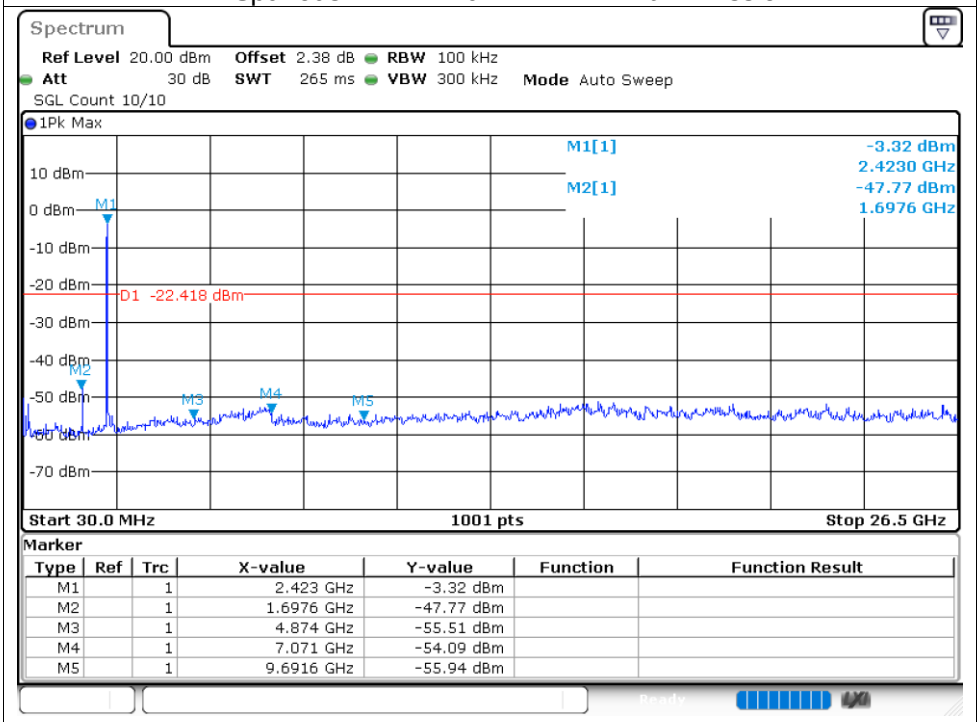
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.476 GHz	-6.35 dBm		
M2		1	824.1 MHz	-47.01 dBm		
M3		1	5.0593 GHz	-54.48 dBm		
M4		1	7.3622 GHz	-55.08 dBm		
M5		1	9.9563 GHz	-54.72 dBm		

Tx. Spurious NVNT n20 2412MHz Ant1 Ref



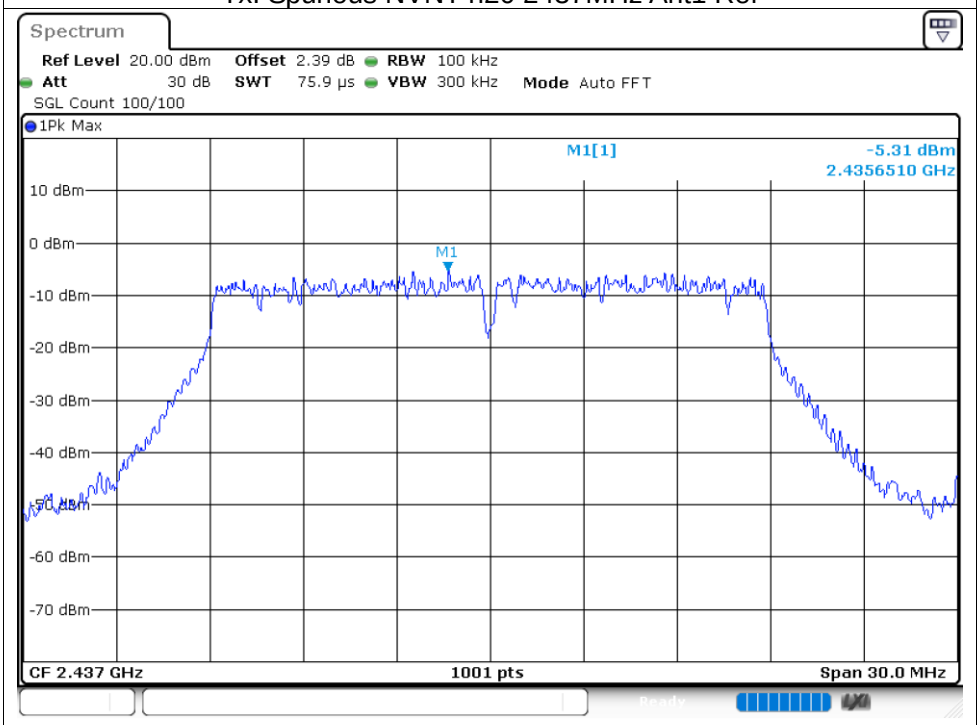
Tx. Spurious NVNT n20 2412MHz Ant1 Emission



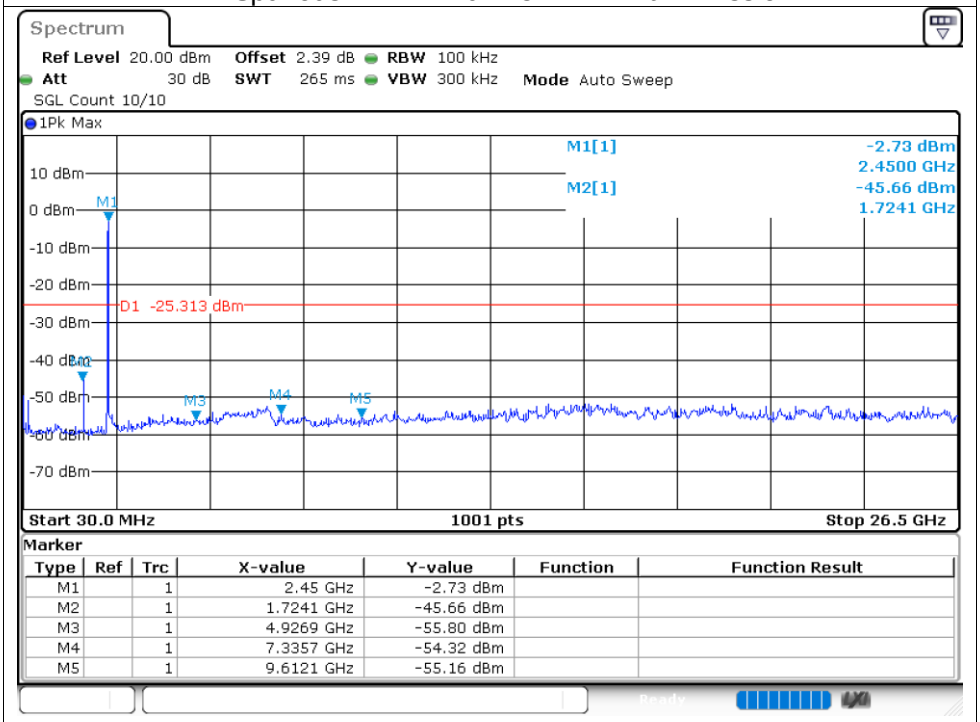
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-3.32 dBm		
M2		1	1.6976 GHz	-47.77 dBm		
M3		1	4.874 GHz	-55.51 dBm		
M4		1	7.071 GHz	-54.09 dBm		
M5		1	9.6916 GHz	-55.94 dBm		

Tx. Spurious NVNT n20 2437MHz Ant1 Ref



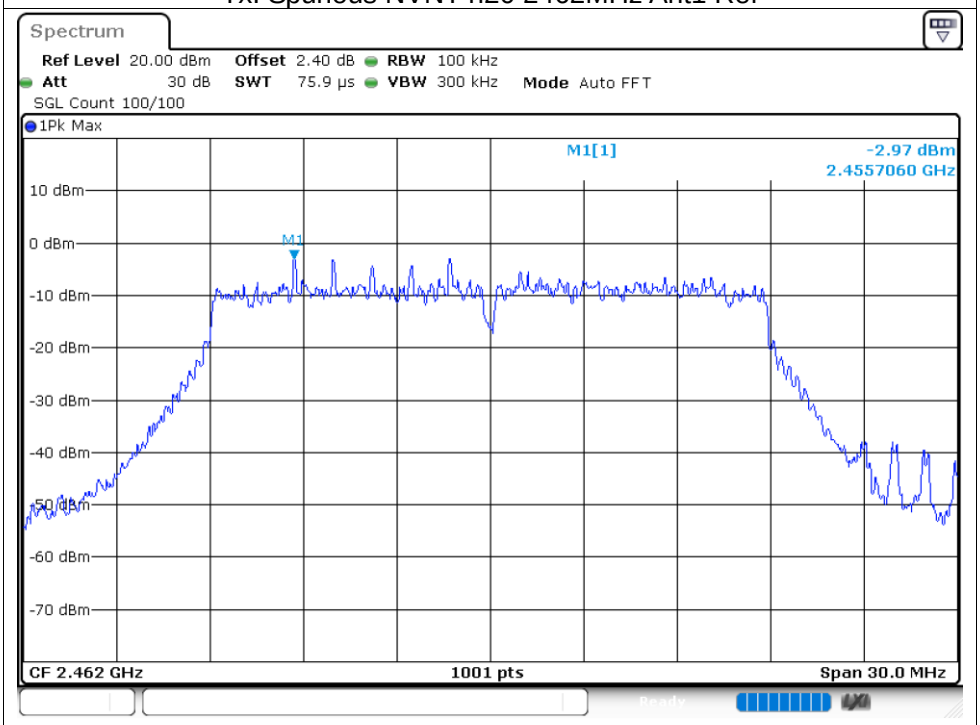
Tx. Spurious NVNT n20 2437MHz Ant1 Emission



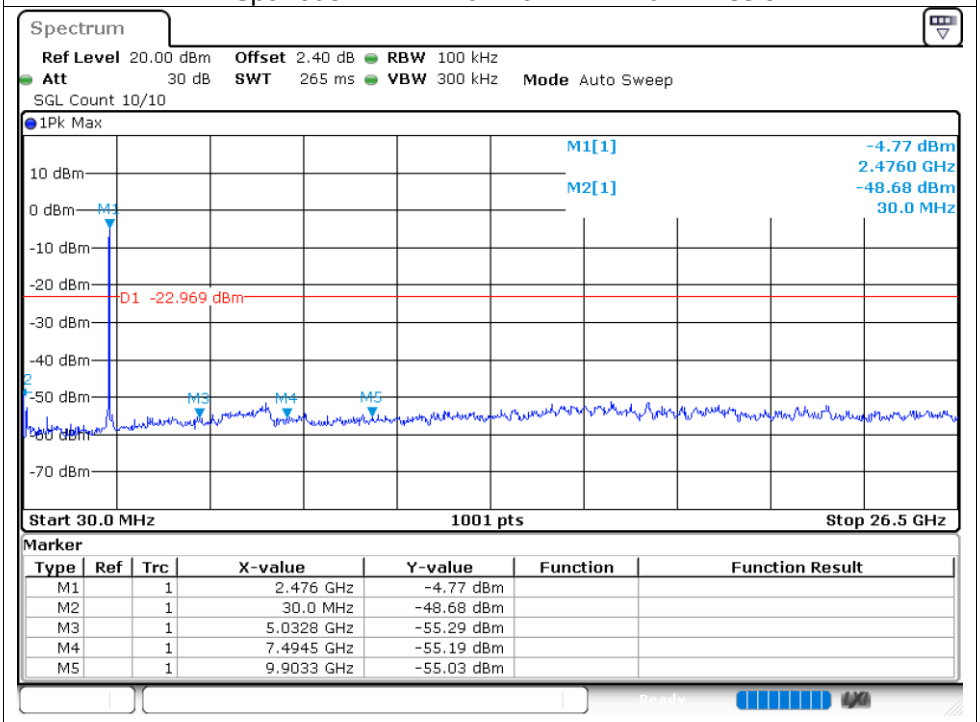
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-2.73 dBm		
M2		1	1.7241 GHz	-45.66 dBm		
M3		1	4.9269 GHz	-55.80 dBm		
M4		1	7.3357 GHz	-54.32 dBm		
M5		1	9.6121 GHz	-55.16 dBm		

Tx. Spurious NVNT n20 2462MHz Ant1 Ref



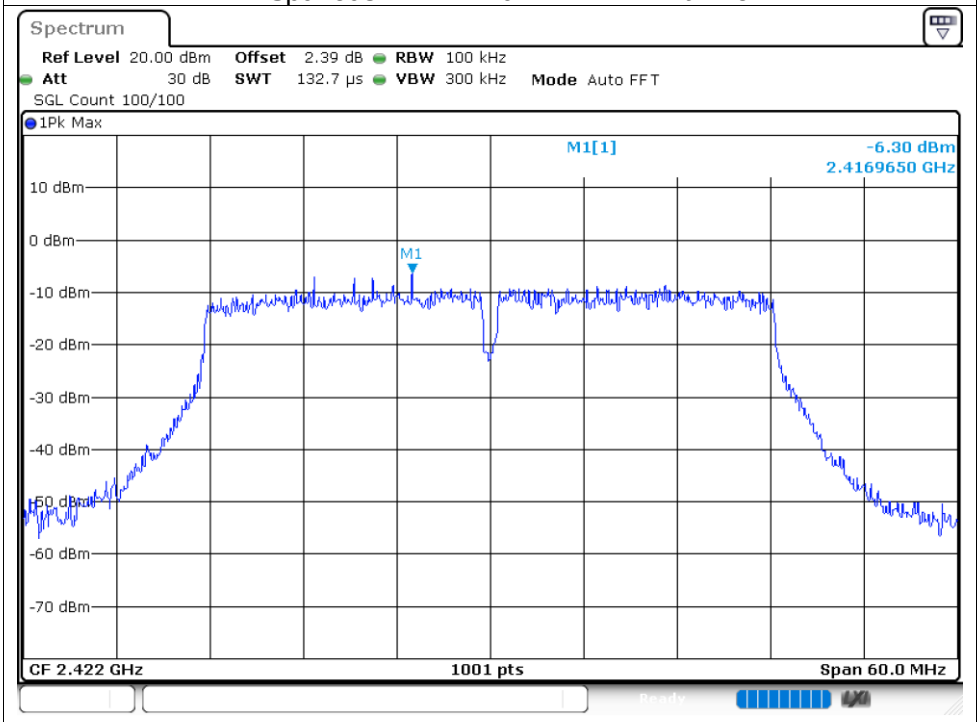
Tx. Spurious NVNT n20 2462MHz Ant1 Emission



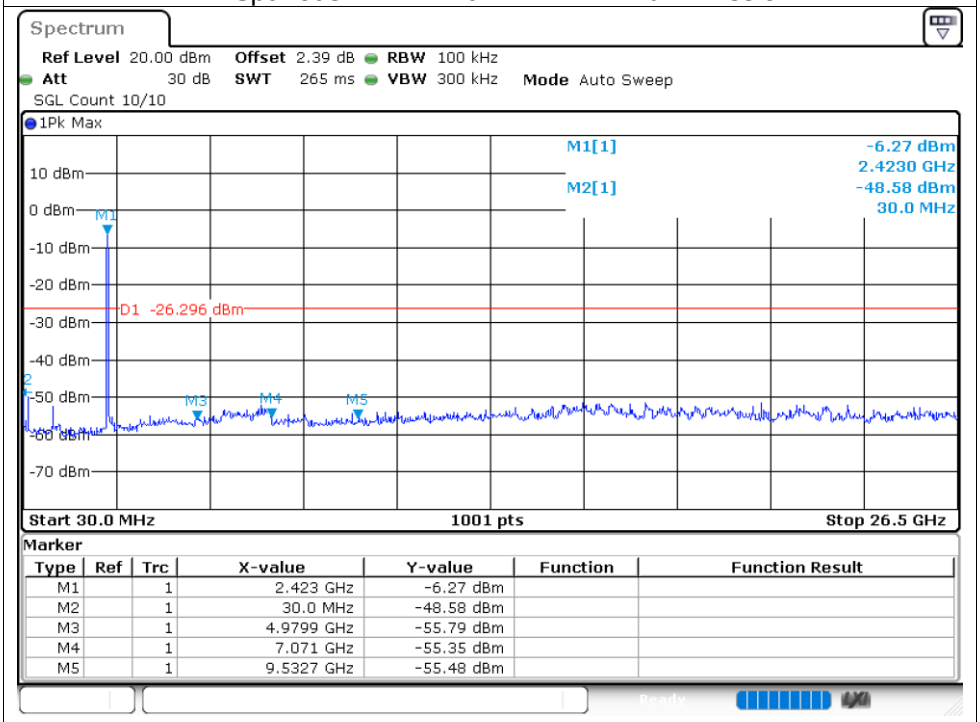
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.476 GHz	-4.77 dBm		
M2		1	30.0 MHz	-48.68 dBm		
M3		1	5.0328 GHz	-55.29 dBm		
M4		1	7.4945 GHz	-55.19 dBm		
M5		1	9.9033 GHz	-55.03 dBm		

Tx. Spurious NVNT n40 2422MHz Ant1 Ref



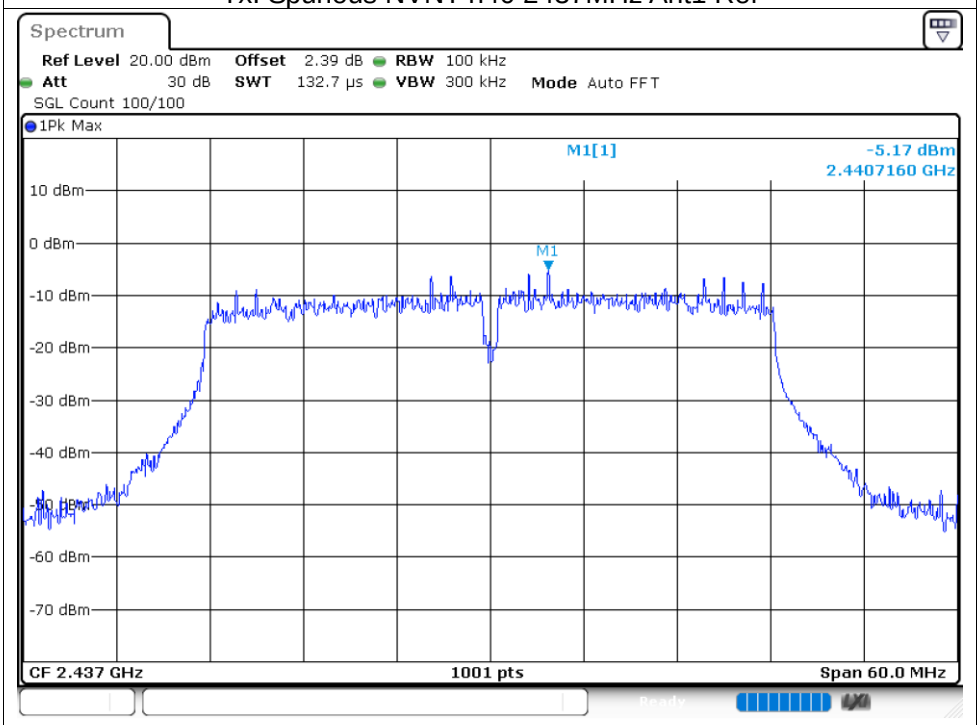
Tx. Spurious NVNT n40 2422MHz Ant1 Emission



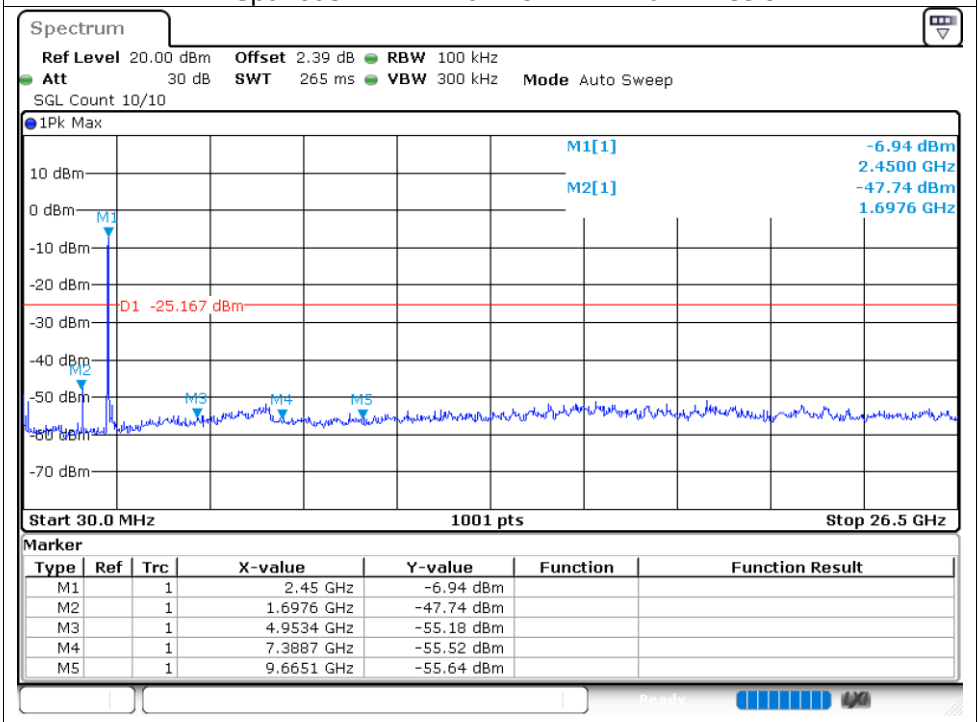
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-6.27 dBm		
M2		1	30.0 MHz	-48.58 dBm		
M3		1	4.9799 GHz	-55.79 dBm		
M4		1	7.071 GHz	-55.35 dBm		
M5		1	9.5327 GHz	-55.48 dBm		

Tx. Spurious NVNT n40 2437MHz Ant1 Ref



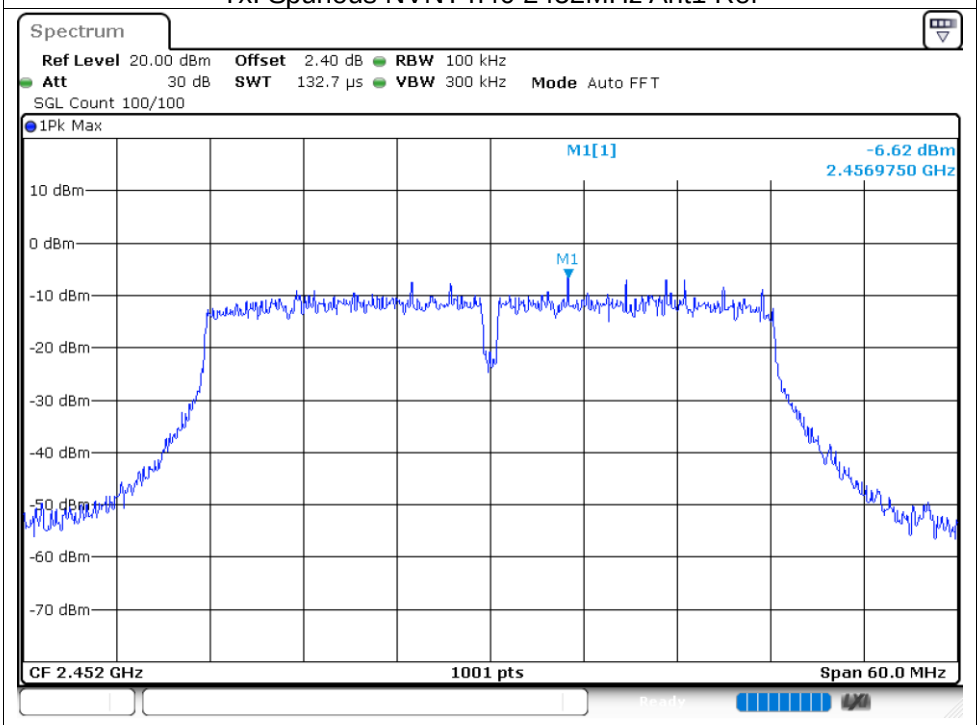
Tx. Spurious NVNT n40 2437MHz Ant1 Emission



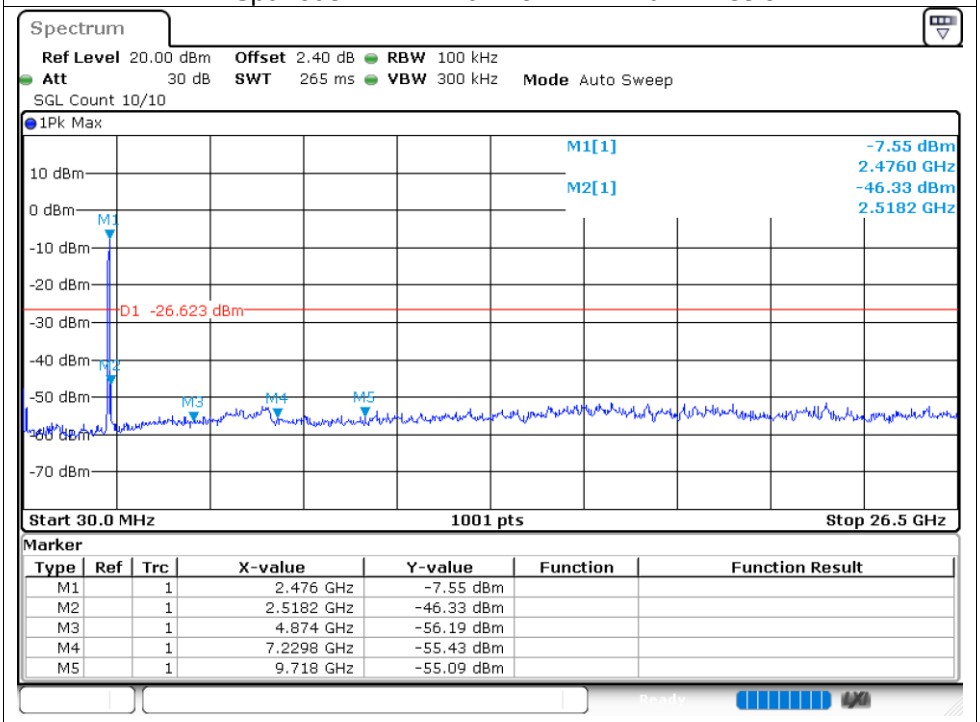
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-6.94 dBm		
M2		1	1.6976 GHz	-47.74 dBm		
M3		1	4.9534 GHz	-55.18 dBm		
M4		1	7.3887 GHz	-55.52 dBm		
M5		1	9.6651 GHz	-55.64 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	2.476 GHz	-7.55 dBm		
M2		1	2.5182 GHz	-46.33 dBm		
M3		1	4.874 GHz	-56.19 dBm		
M4		1	7.2298 GHz	-55.43 dBm		
M5		1	9.718 GHz	-55.09 dBm		

END OF REPORT