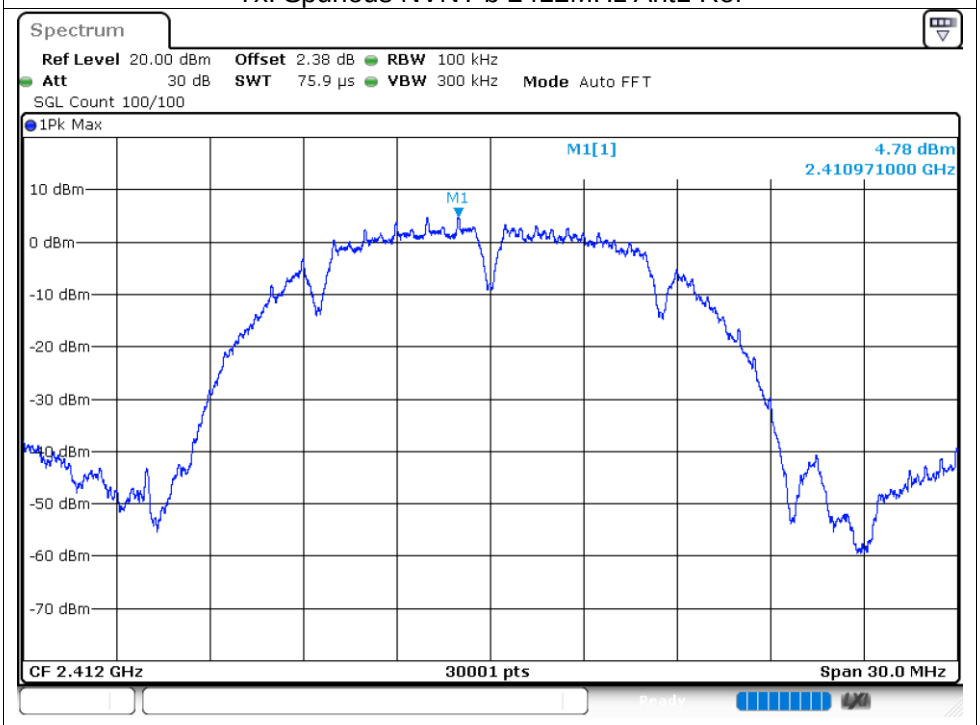
8.7 CONDUCTED RF SPURIOUS EMISSION

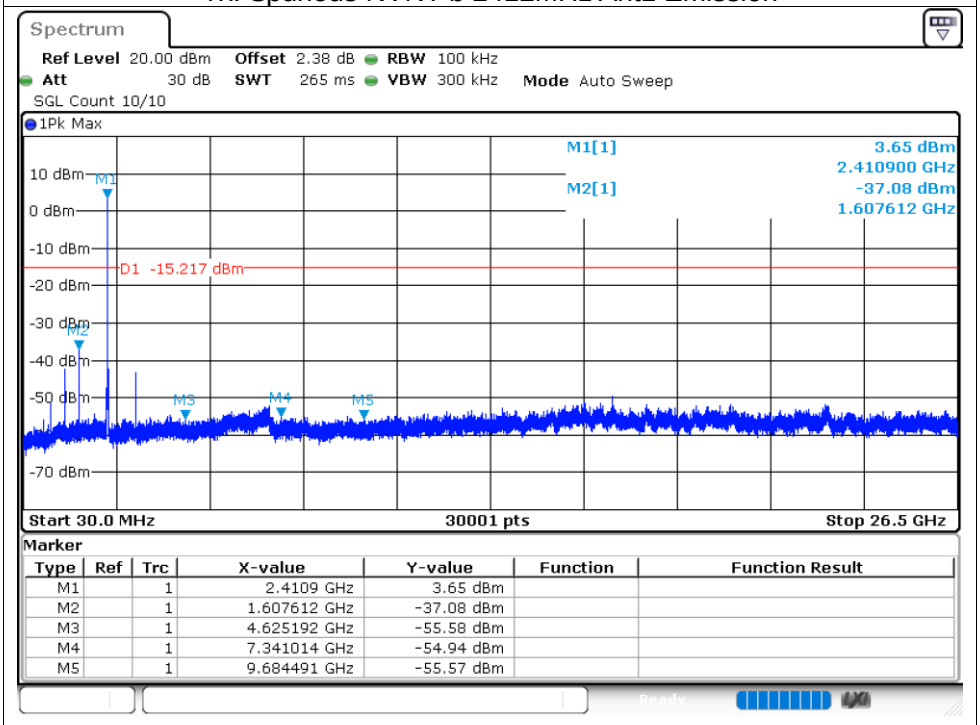
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-41.86	-20	Pass
NVNT	b	2437	Ant1	-45.11	-20	Pass
NVNT	b	2462	Ant1	-44.09	-20	Pass
NVNT	g	2412	Ant1	-42.38	-20	Pass
NVNT	g	2437	Ant1	-41.8	-20	Pass
NVNT	g	2462	Ant1	-39.92	-20	Pass
NVNT	n20	2412	Ant1	-40.17	-20	Pass
NVNT	n20	2437	Ant1	-41.64	-20	Pass
NVNT	n20	2462	Ant1	-40.06	-20	Pass
NVNT	n40	2422	Ant1	-40.53	-20	Pass
NVNT	n40	2437	Ant1	-38.91	-20	Pass
NVNT	n40	2452	Ant1	-38.8	-20	Pass

Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref



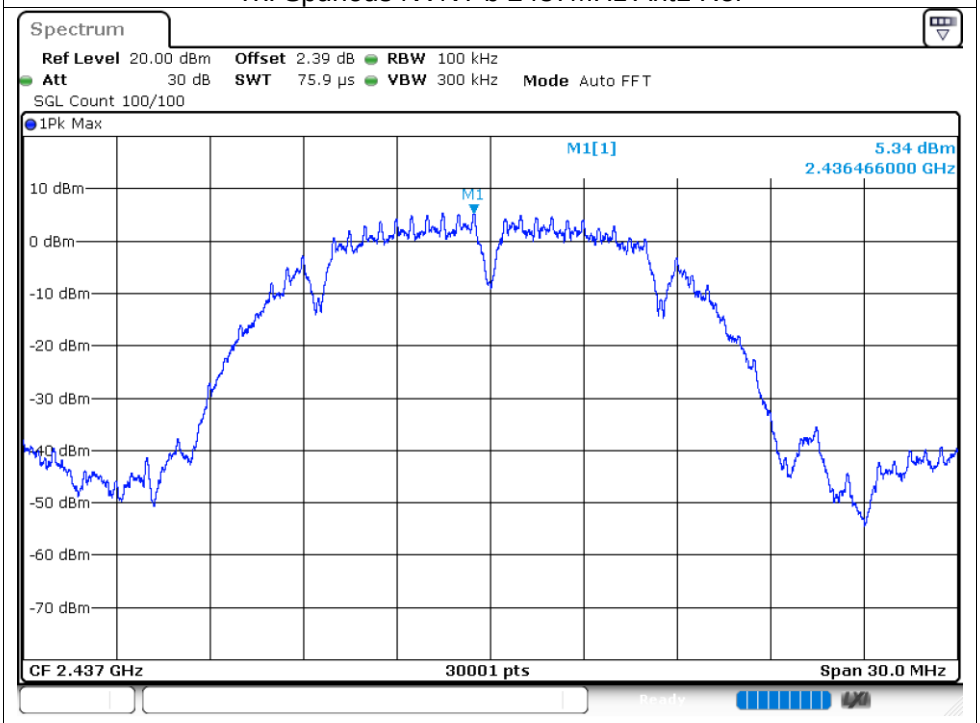
Tx. Spurious NVNT b 2412MHz Ant1 Emission



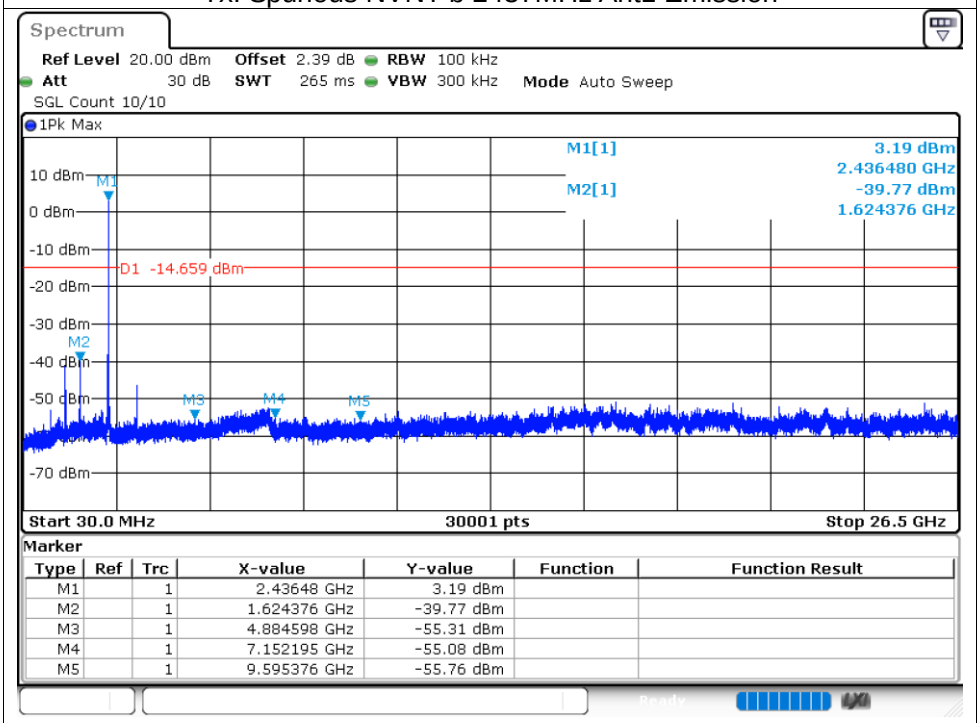
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4109 GHz	3.65 dBm		
M2		1	1.607612 GHz	-37.08 dBm		
M3		1	4.625192 GHz	-55.58 dBm		
M4		1	7.341014 GHz	-54.94 dBm		
M5		1	9.684491 GHz	-55.57 dBm		

Tx. Spurious NVNT b 2437MHz Ant1 Ref



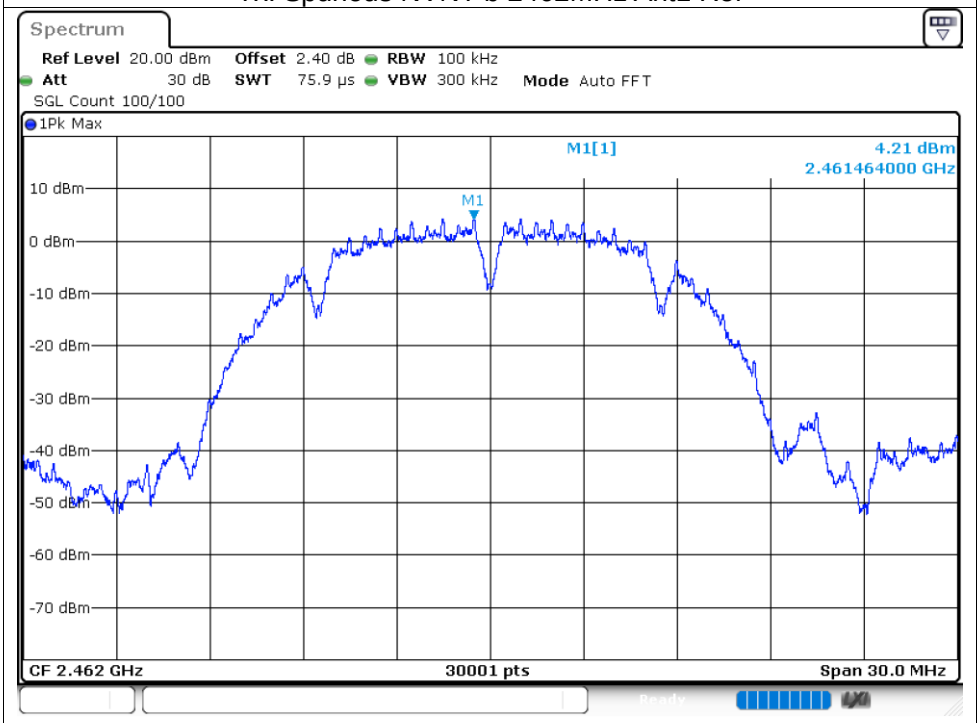
Tx. Spurious NVNT b 2437MHz Ant1 Emission



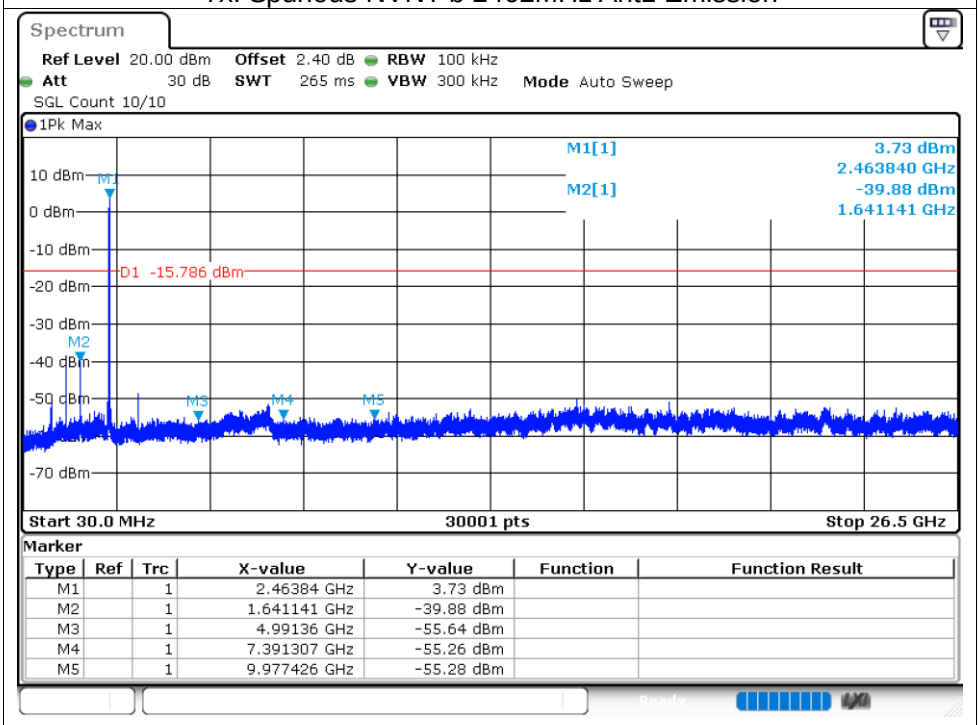
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43648 GHz	3.19 dBm		
M2		1	1.624376 GHz	-39.77 dBm		
M3		1	4.884598 GHz	-55.31 dBm		
M4		1	7.152195 GHz	-55.08 dBm		
M5		1	9.595376 GHz	-55.76 dBm		

Tx. Spurious NVNT b 2462MHz Ant1 Ref



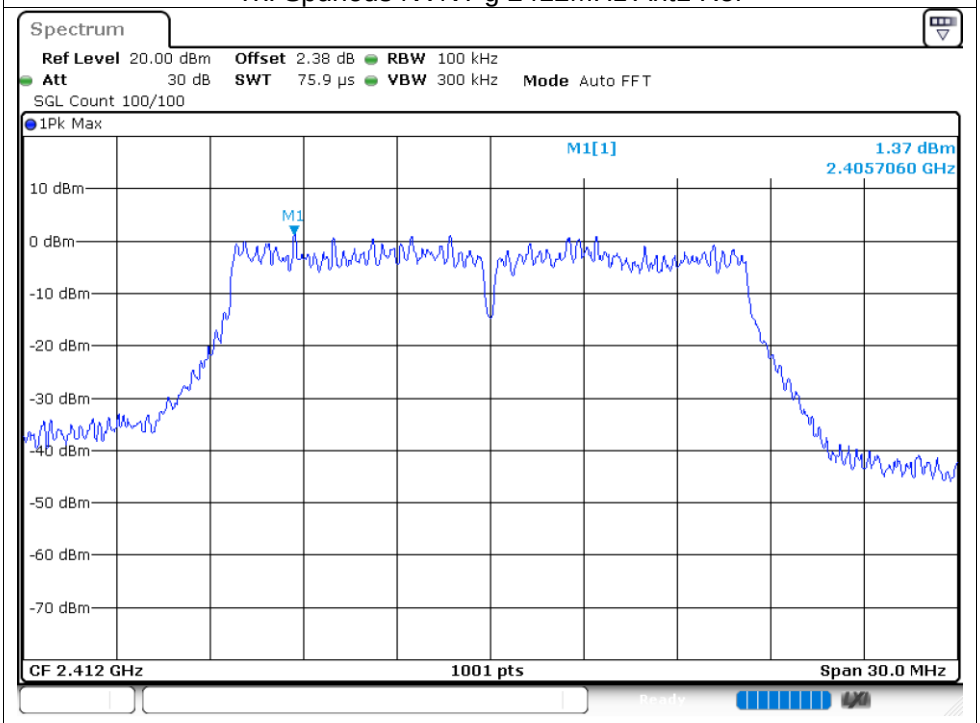
Tx. Spurious NVNT b 2462MHz Ant1 Emission



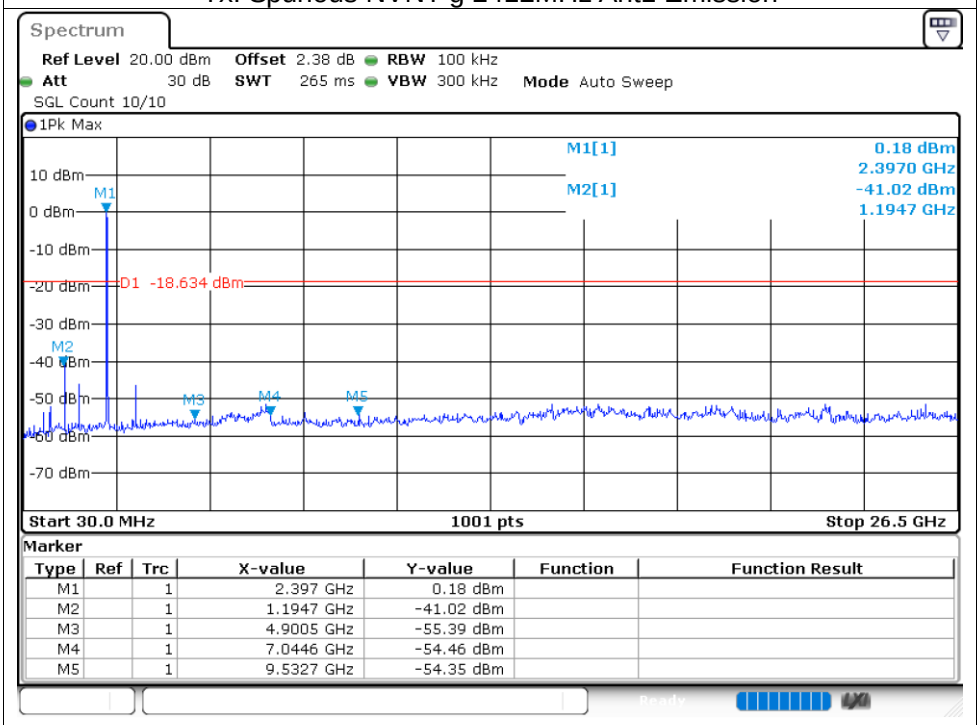
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46384 GHz	3.73 dBm		
M2		1	1.641141 GHz	-39.88 dBm		
M3		1	4.99136 GHz	-55.64 dBm		
M4		1	7.391307 GHz	-55.26 dBm		
M5		1	9.977426 GHz	-55.28 dBm		

Tx. Spurious NVNT g 2412MHz Ant1 Ref



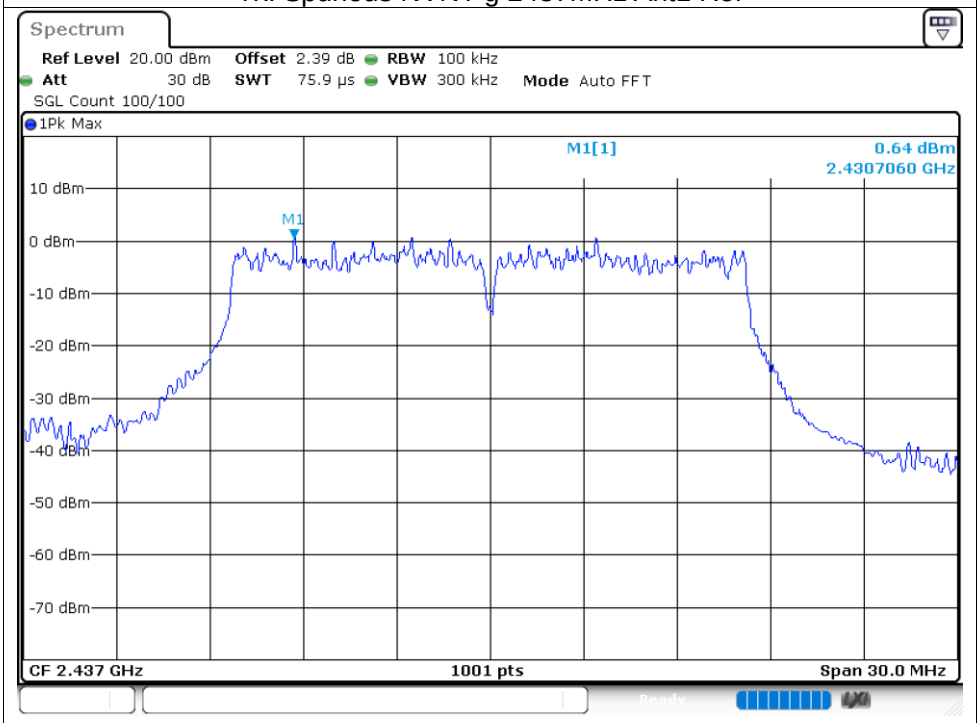
Tx. Spurious NVNT g 2412MHz Ant1 Emission



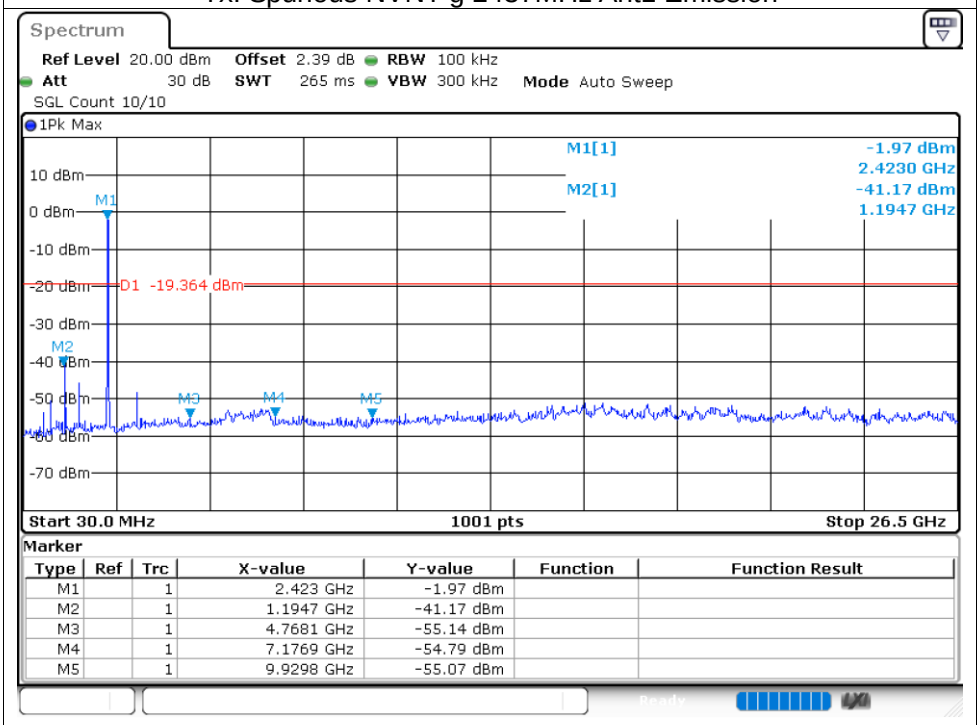
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.397 GHz	0.18 dBm		
M2		1	1.1947 GHz	-41.02 dBm		
M3		1	4.9005 GHz	-55.39 dBm		
M4		1	7.0446 GHz	-54.46 dBm		
M5		1	9.5327 GHz	-54.35 dBm		

Tx. Spurious NVNT g 2437MHz Ant1 Ref



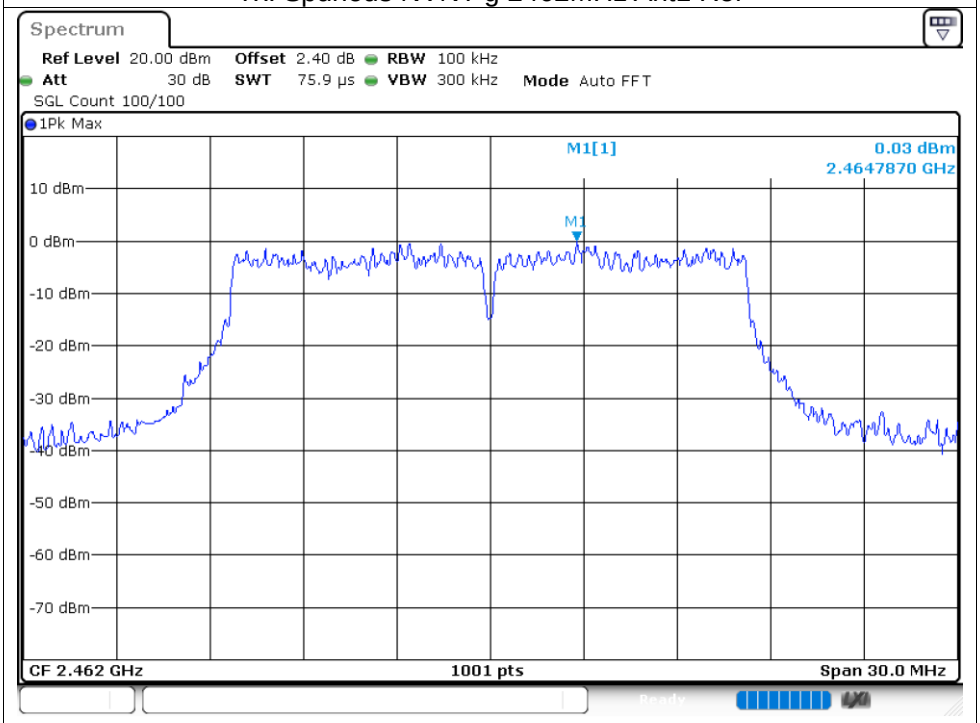
Tx. Spurious NVNT g 2437MHz Ant1 Emission



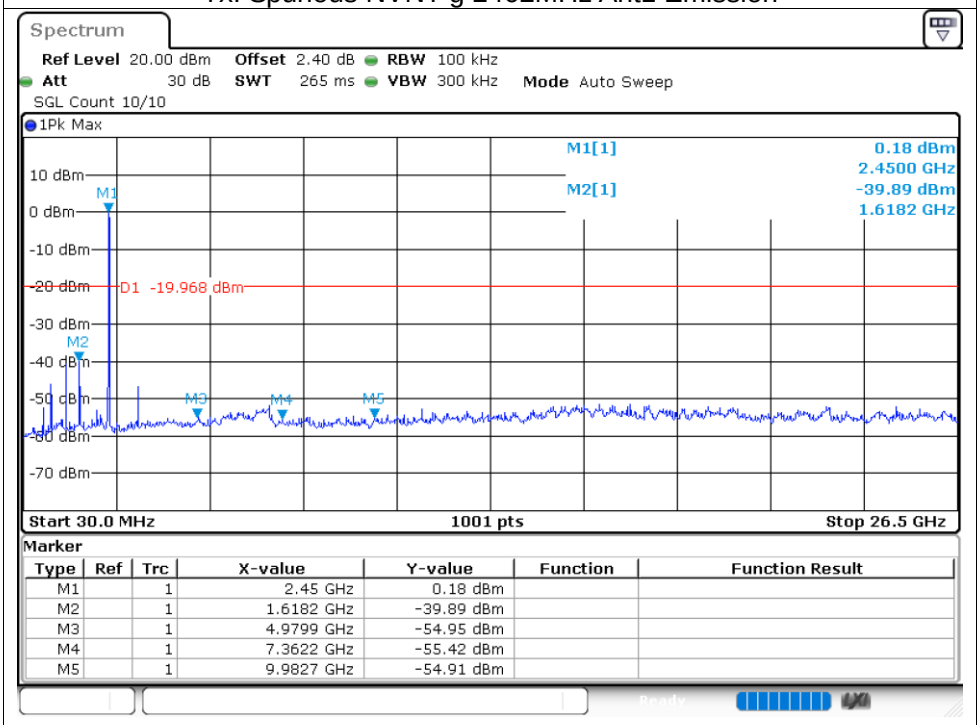
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-1.97 dBm		
M2		1	1.1947 GHz	-41.17 dBm		
M3		1	4.7681 GHz	-55.14 dBm		
M4		1	7.1769 GHz	-54.79 dBm		
M5		1	9.9298 GHz	-55.07 dBm		

Tx. Spurious NVNT g 2462MHz Ant1 Ref



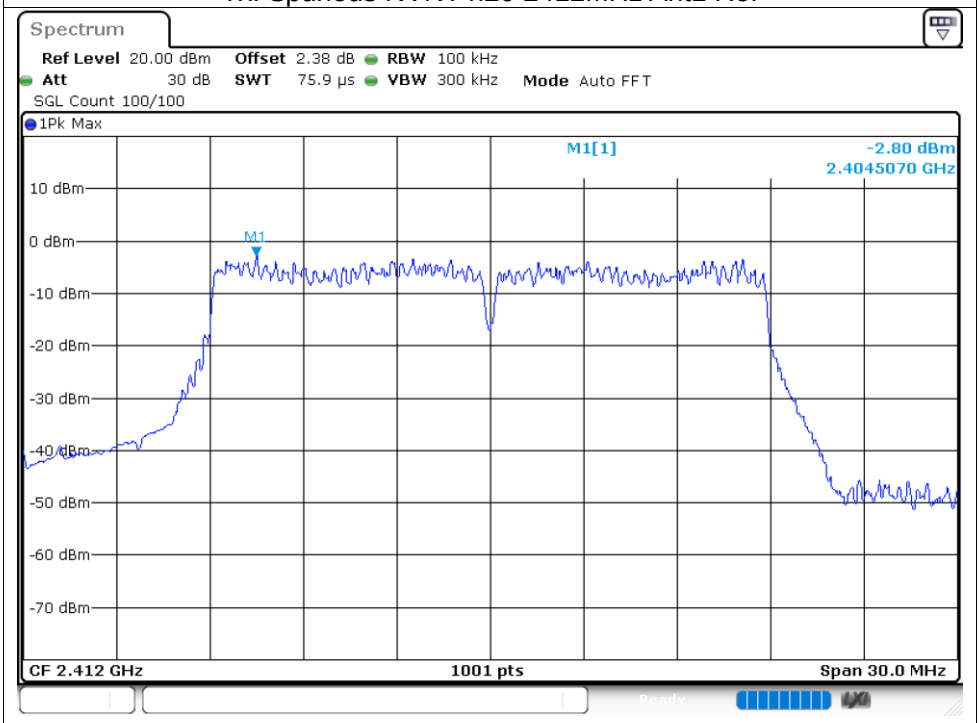
Tx. Spurious NVNT g 2462MHz Ant1 Emission



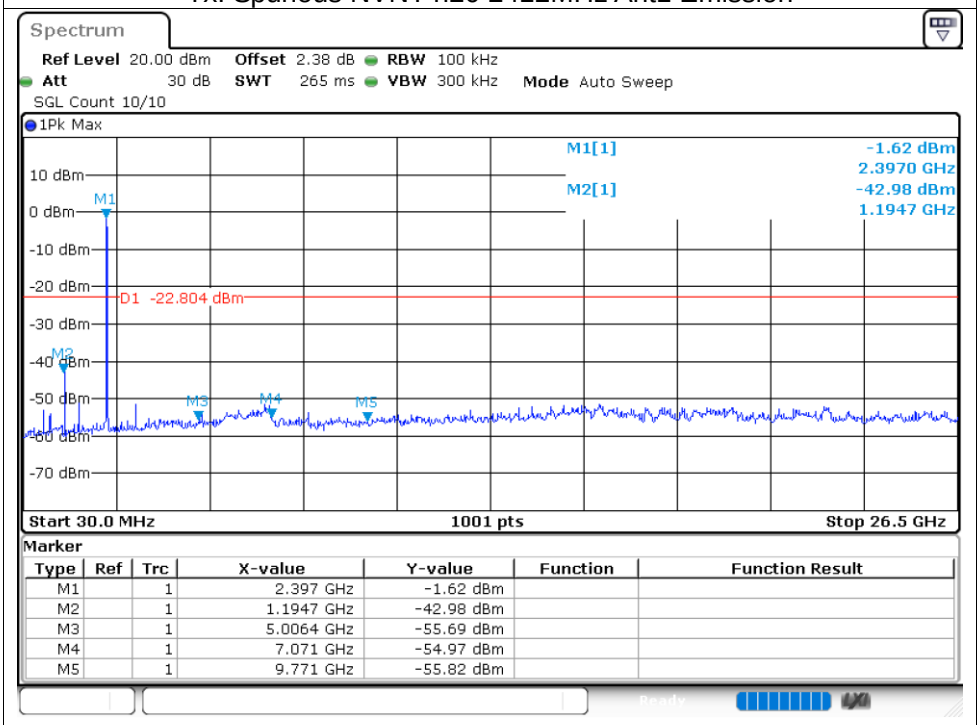
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	0.18 dBm		
M2		1	1.6182 GHz	-39.89 dBm		
M3		1	4.9799 GHz	-54.95 dBm		
M4		1	7.3622 GHz	-55.42 dBm		
M5		1	9.9827 GHz	-54.91 dBm		

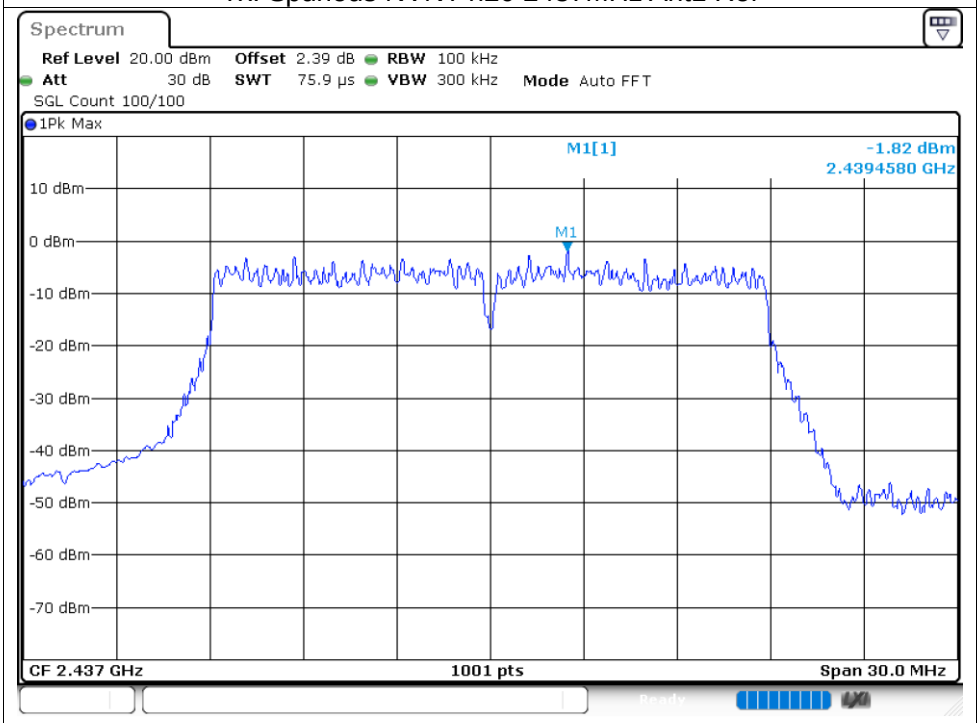
Tx. Spurious NVNT n20 2412MHz Ant1 Ref



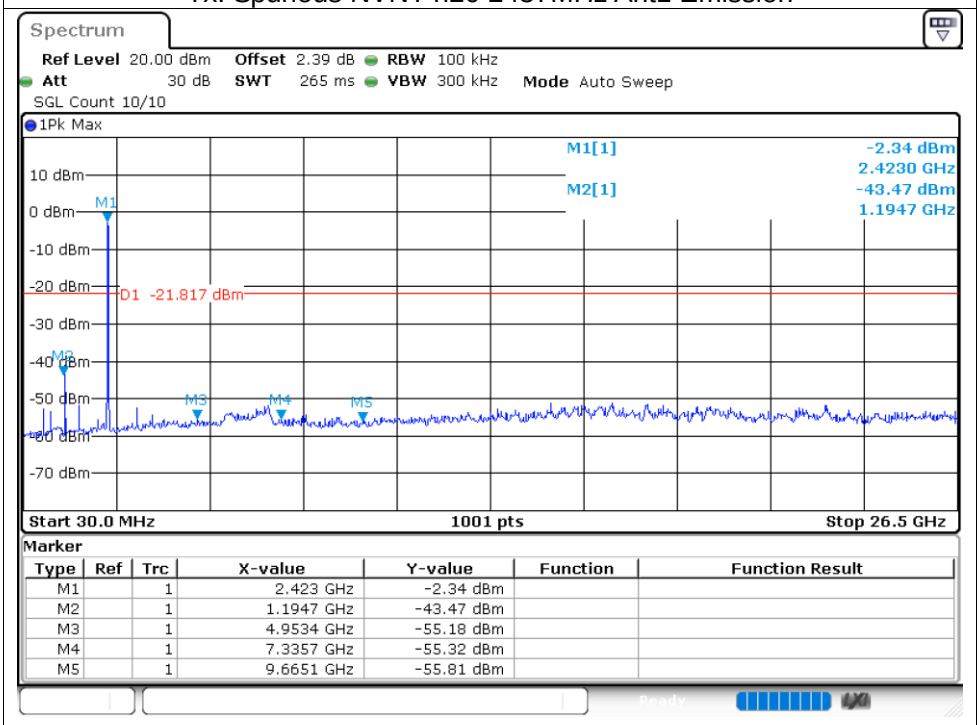
Tx. Spurious NVNT n20 2412MHz Ant1 Emission



Tx. Spurious NVNT n20 2437MHz Ant1 Ref



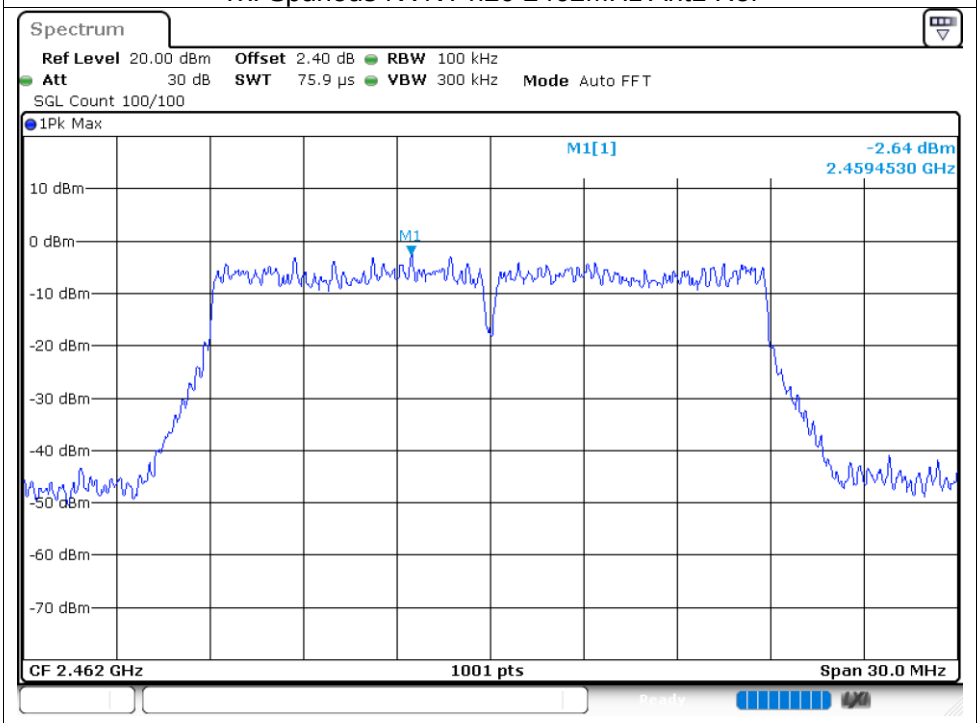
Tx. Spurious NVNT n20 2437MHz Ant1 Emission



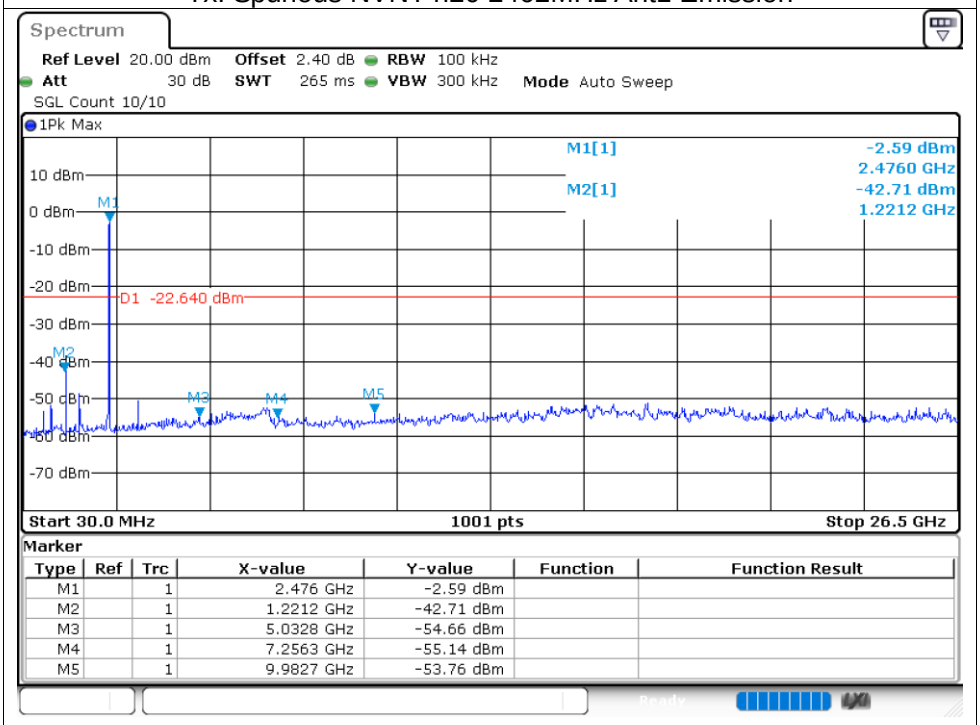
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-2.34 dBm		
M2		1	1.1947 GHz	-43.47 dBm		
M3		1	4.9534 GHz	-55.18 dBm		
M4		1	7.3357 GHz	-55.32 dBm		
M5		1	9.6651 GHz	-55.81 dBm		

Tx. Spurious NVNT n20 2462MHz Ant1 Ref



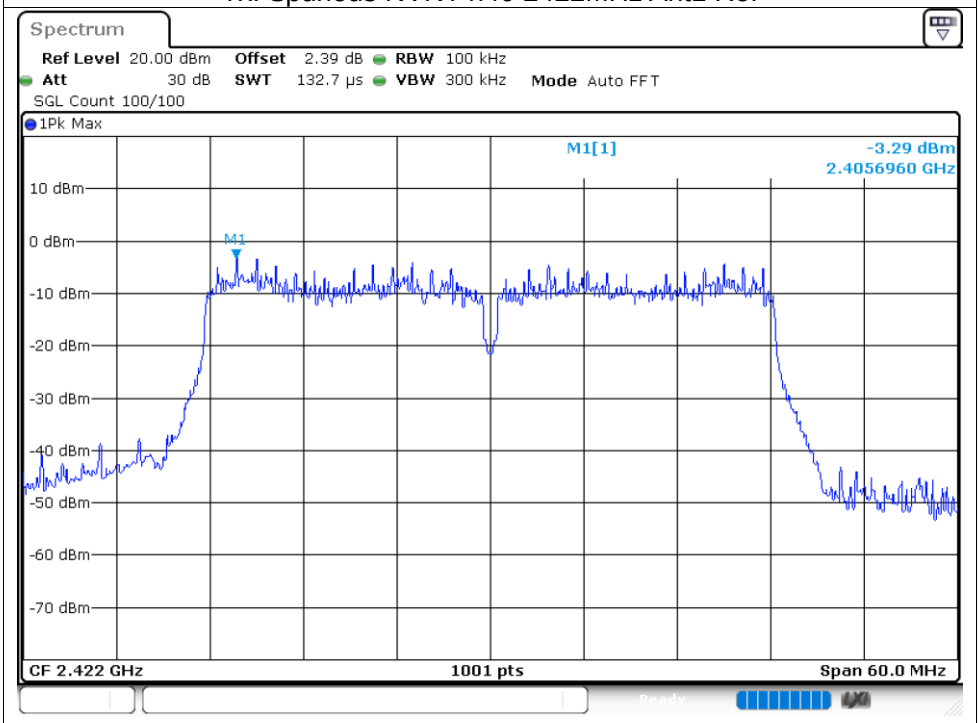
Tx. Spurious NVNT n20 2462MHz Ant1 Emission



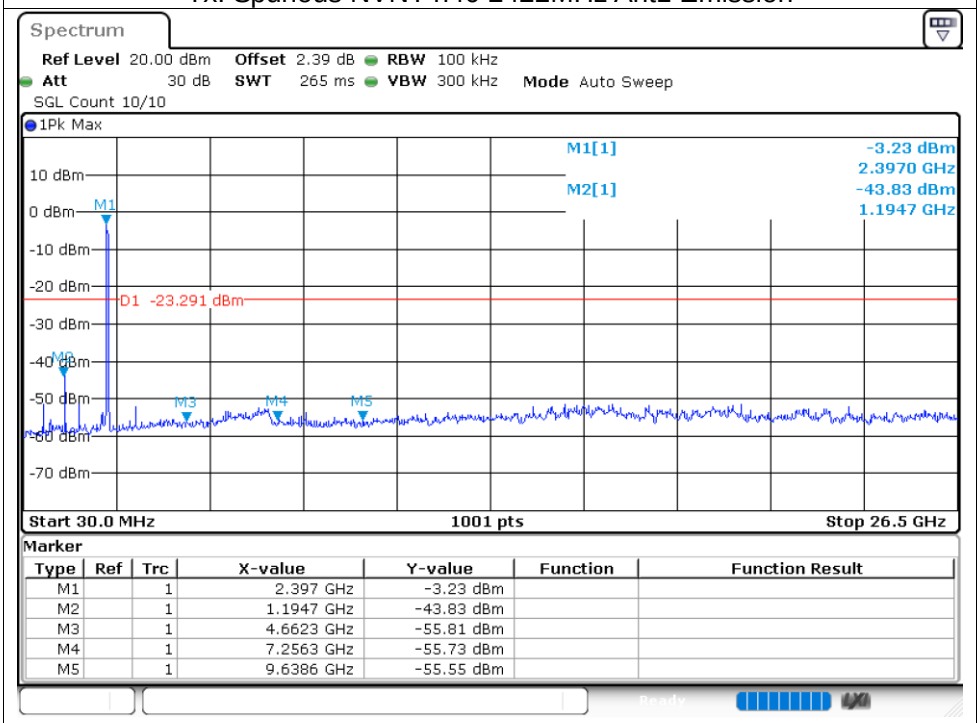
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.476 GHz	-2.59 dBm		
M2		1	1.2212 GHz	-42.71 dBm		
M3		1	5.0328 GHz	-54.66 dBm		
M4		1	7.2563 GHz	-55.14 dBm		
M5		1	9.9827 GHz	-53.76 dBm		

Tx. Spurious NVNT n40 2422MHz Ant1 Ref



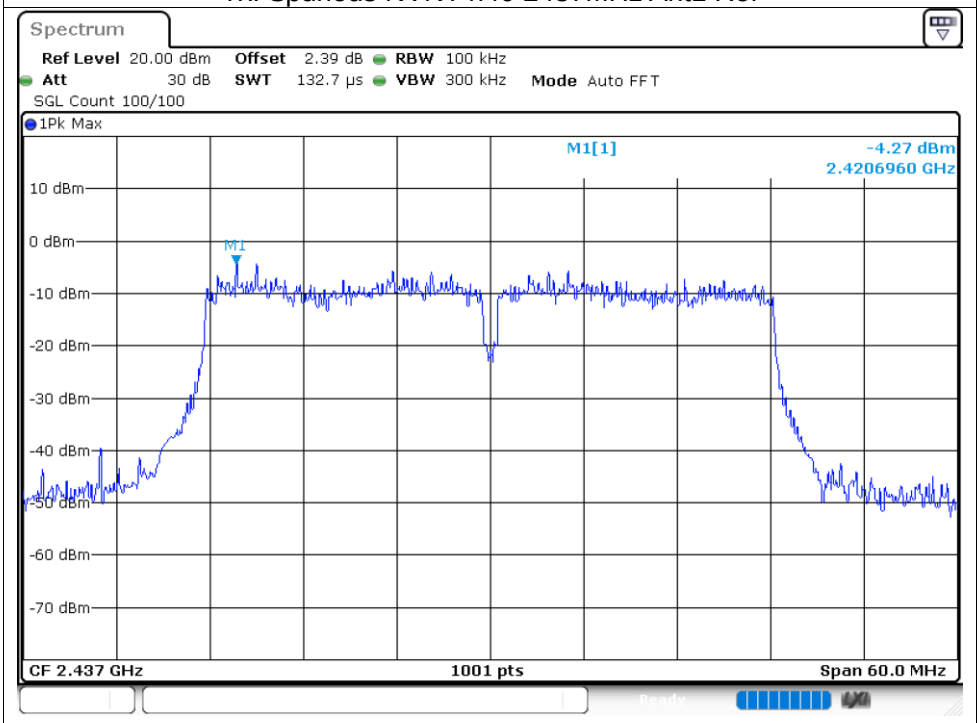
Tx. Spurious NVNT n40 2422MHz Ant1 Emission



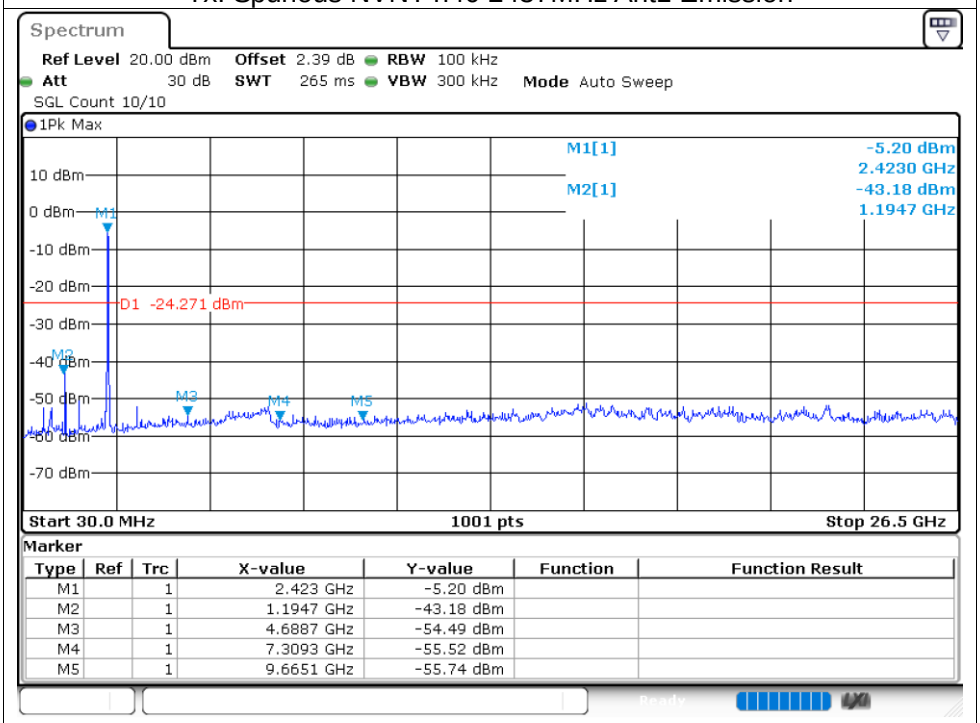
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.397 GHz	-3.23 dBm		
M2		1	1.1947 GHz	-43.83 dBm		
M3		1	4.6623 GHz	-55.81 dBm		
M4		1	7.2563 GHz	-55.73 dBm		
M5		1	9.6386 GHz	-55.55 dBm		

Tx. Spurious NVNT n40 2437MHz Ant1 Ref



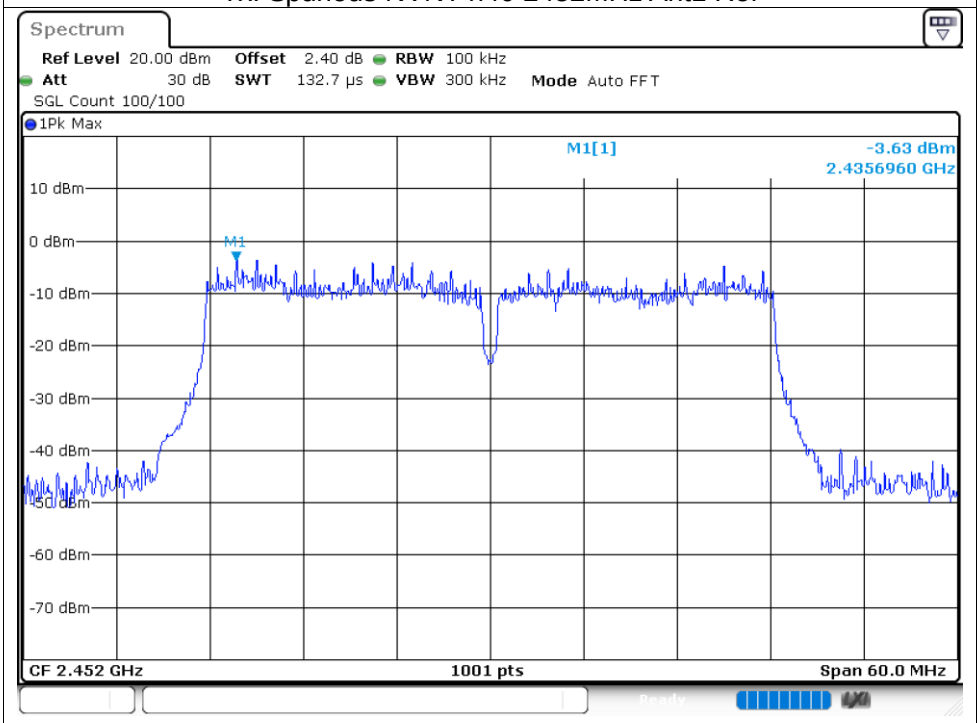
Tx. Spurious NVNT n40 2437MHz Ant1 Emission



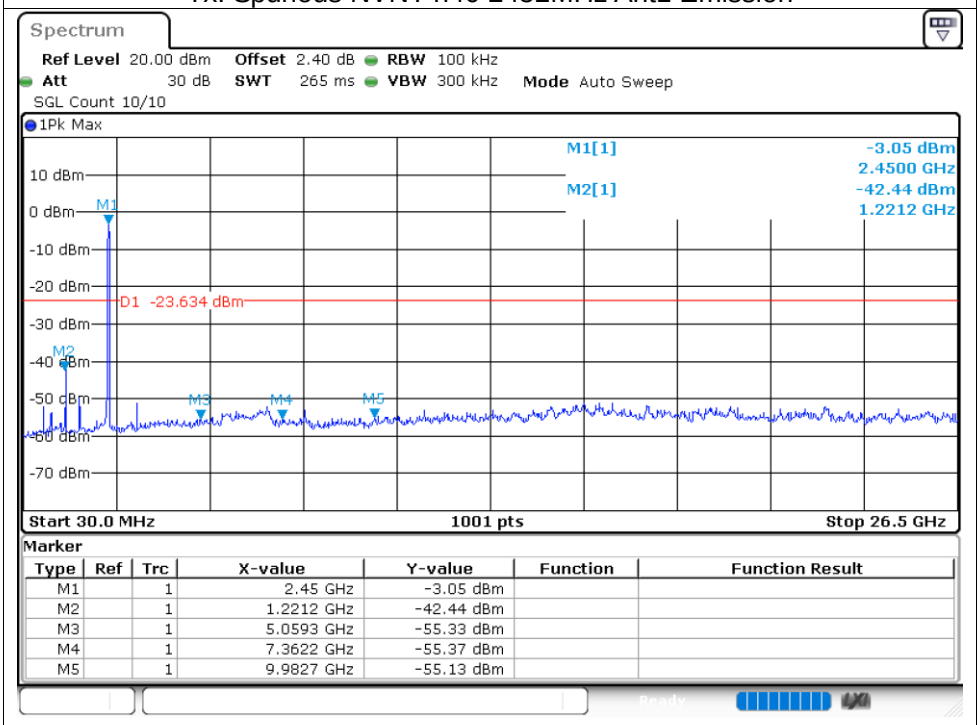
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-5.20 dBm		
M2		1	1.1947 GHz	-43.18 dBm		
M3		1	4.6887 GHz	-54.49 dBm		
M4		1	7.3093 GHz	-55.52 dBm		
M5		1	9.6651 GHz	-55.74 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	-3.05 dBm		
M2		1	1.2212 GHz	-42.44 dBm		
M3		1	5.0593 GHz	-55.33 dBm		
M4		1	7.3622 GHz	-55.37 dBm		
M5		1	9.9827 GHz	-55.13 dBm		

END OF REPORT