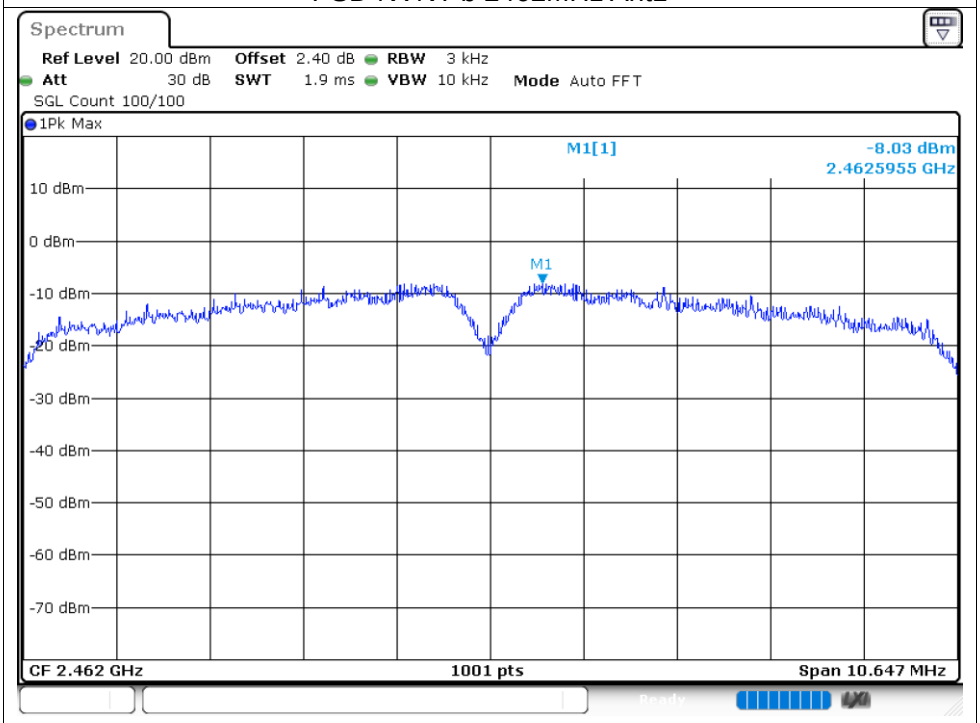
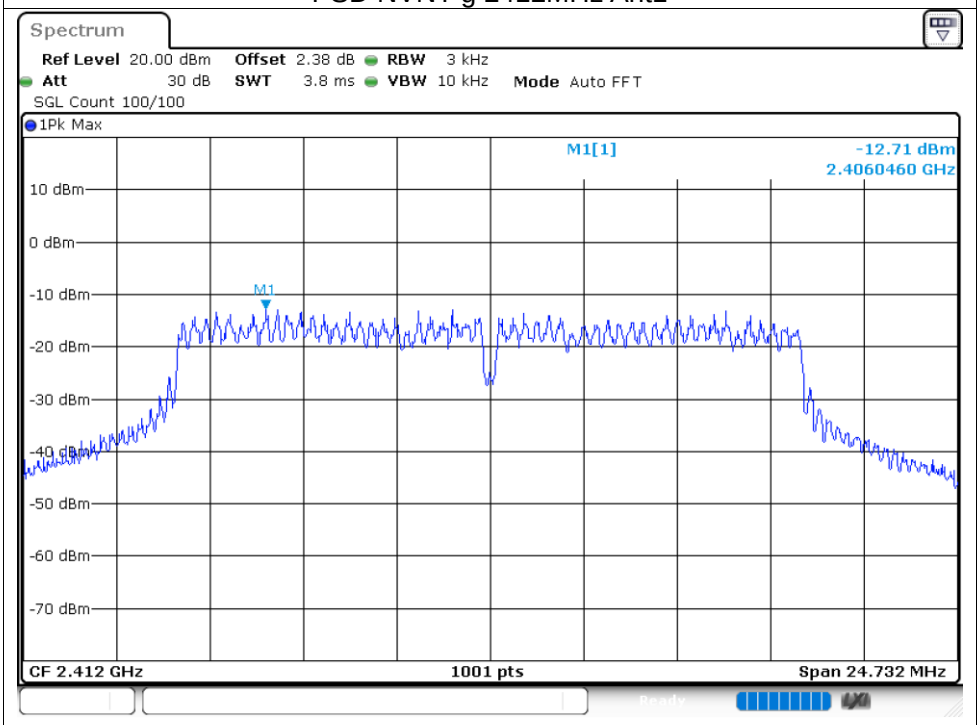
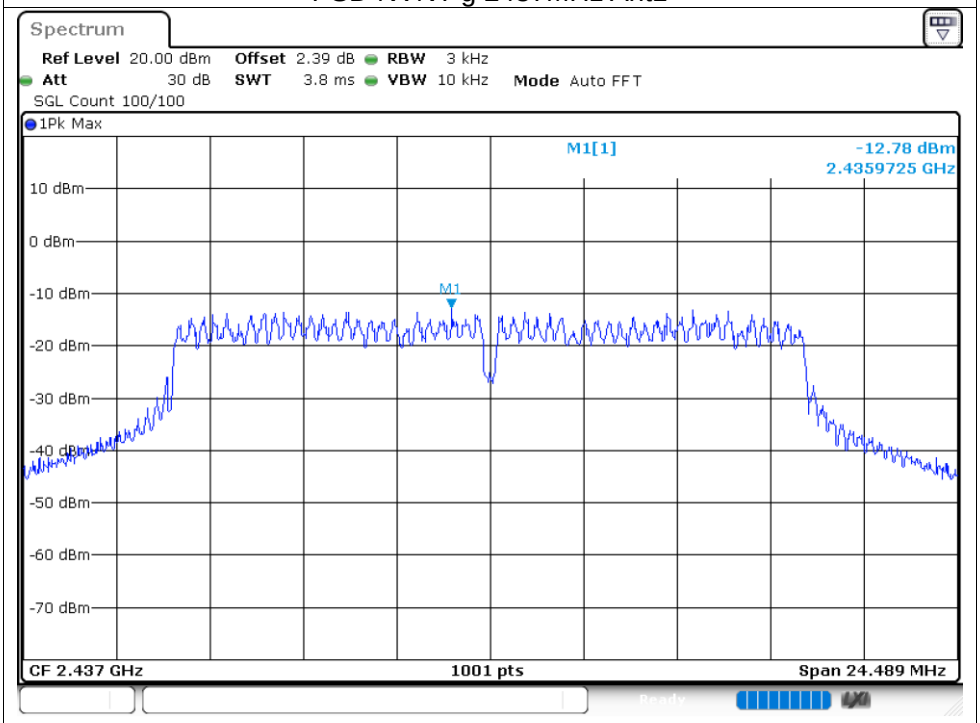
PSD NVNT b 2462MHz Ant1



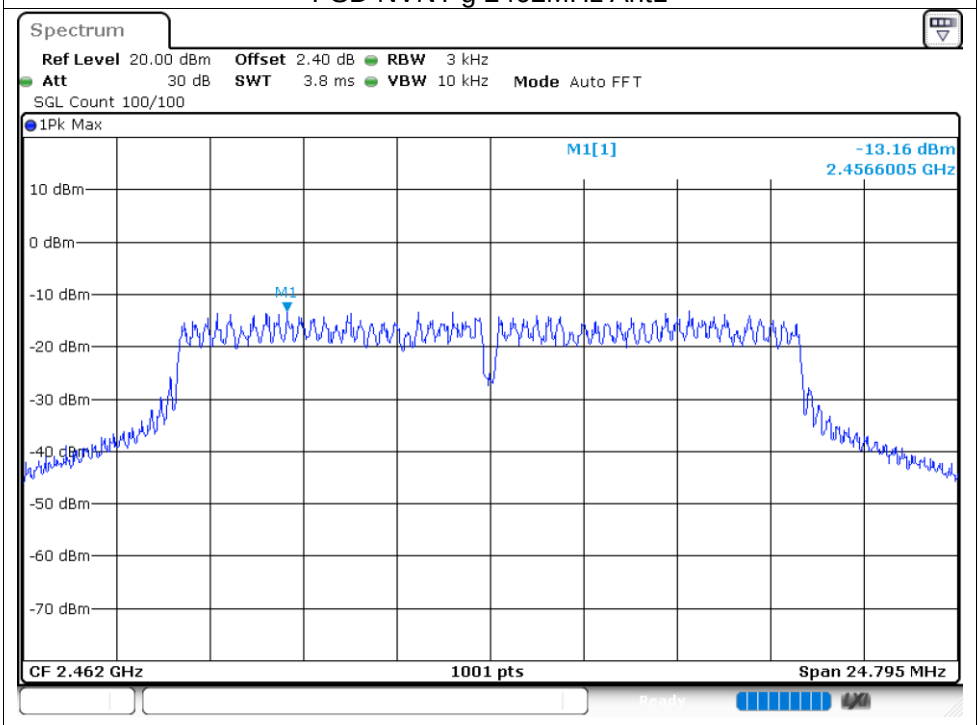
PSD NVNT g 2412MHz Ant1



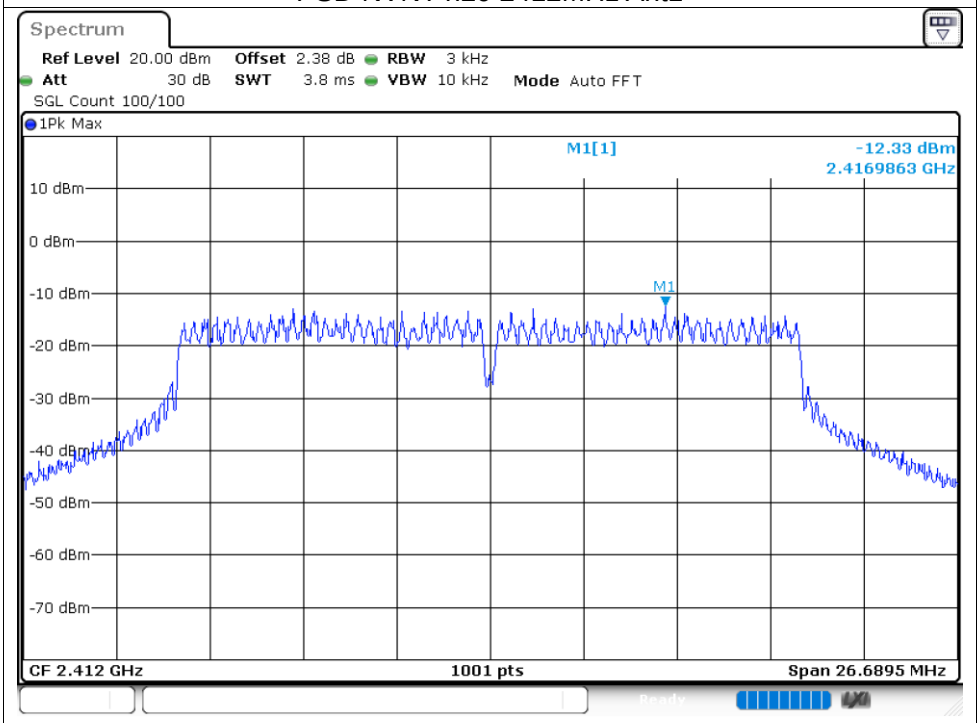
PSD NVNT g 2437MHz Ant1



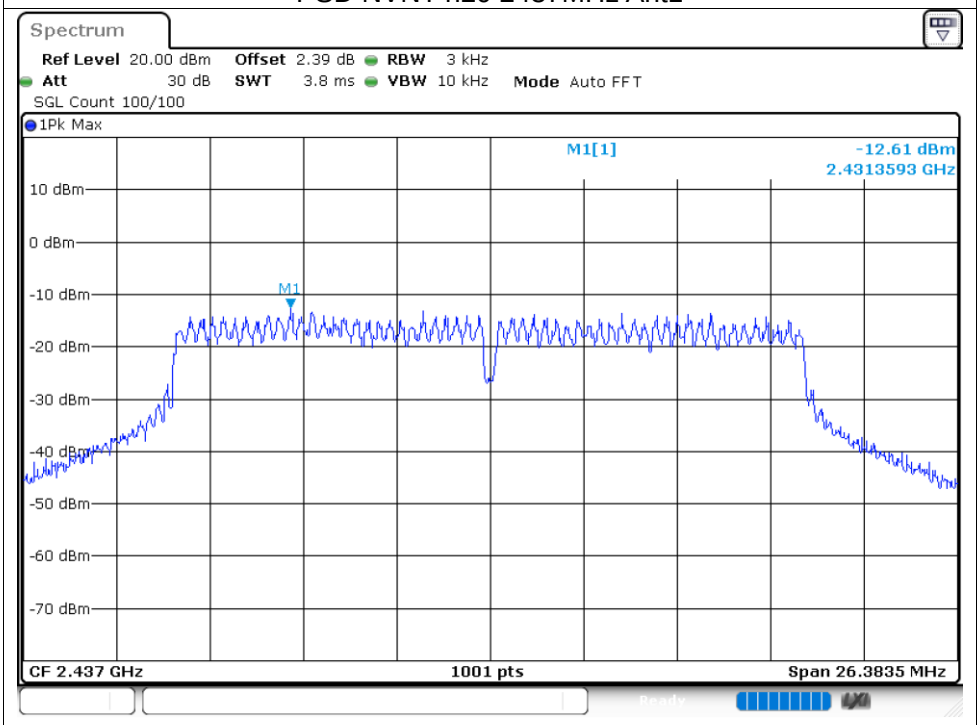
PSD NVNT g 2462MHz Ant1



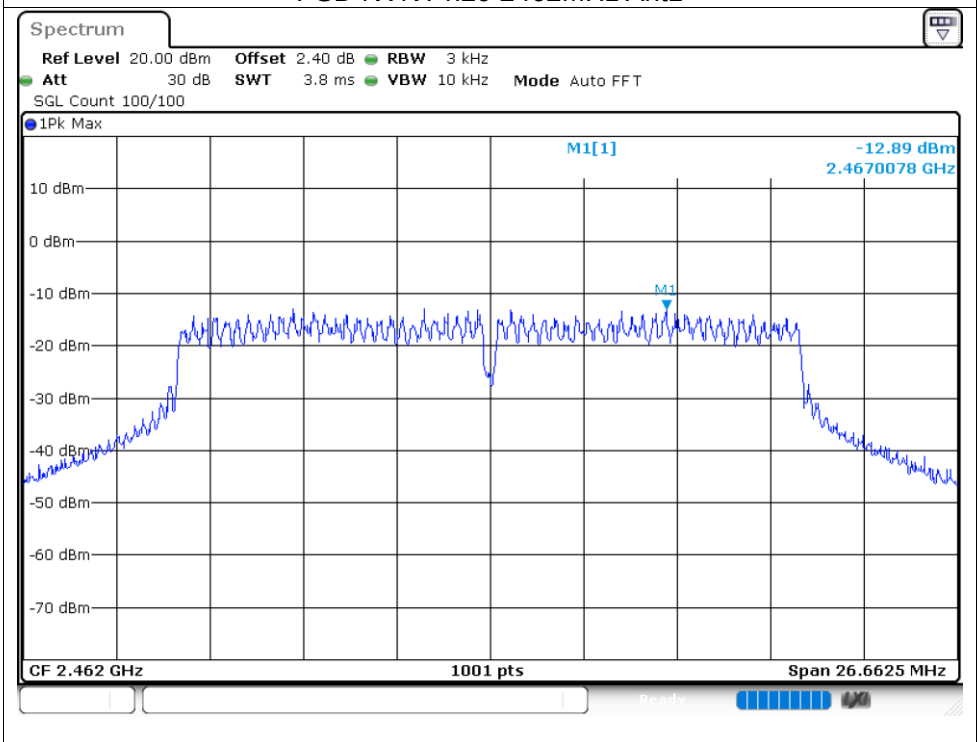
PSD NVNT n20 2412MHz Ant1



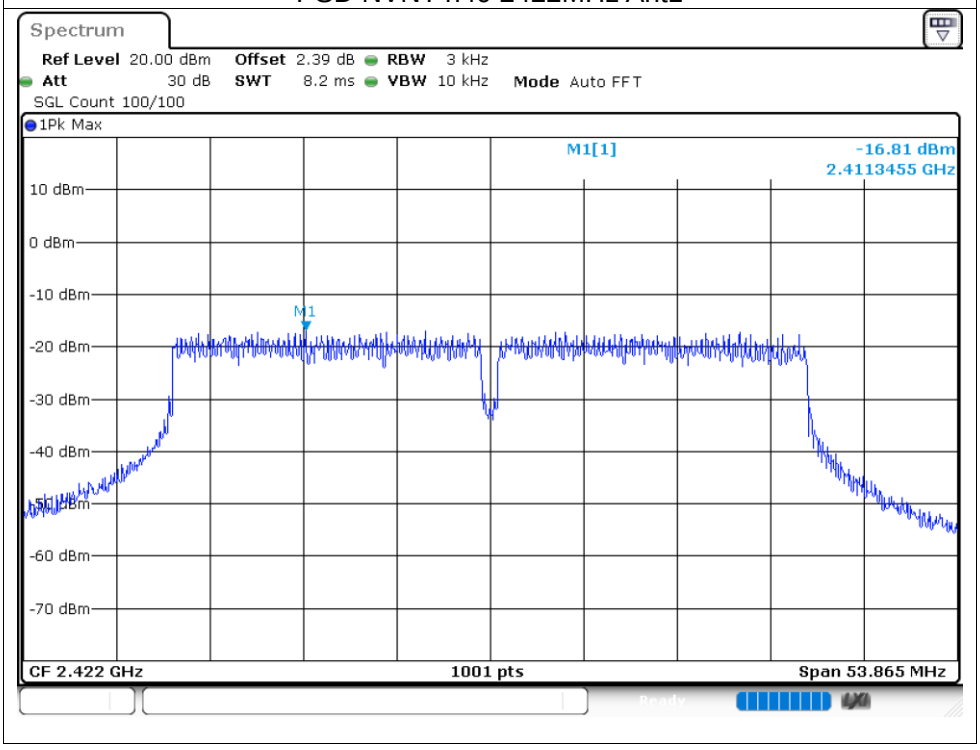
PSD NVNT n20 2437MHz Ant1



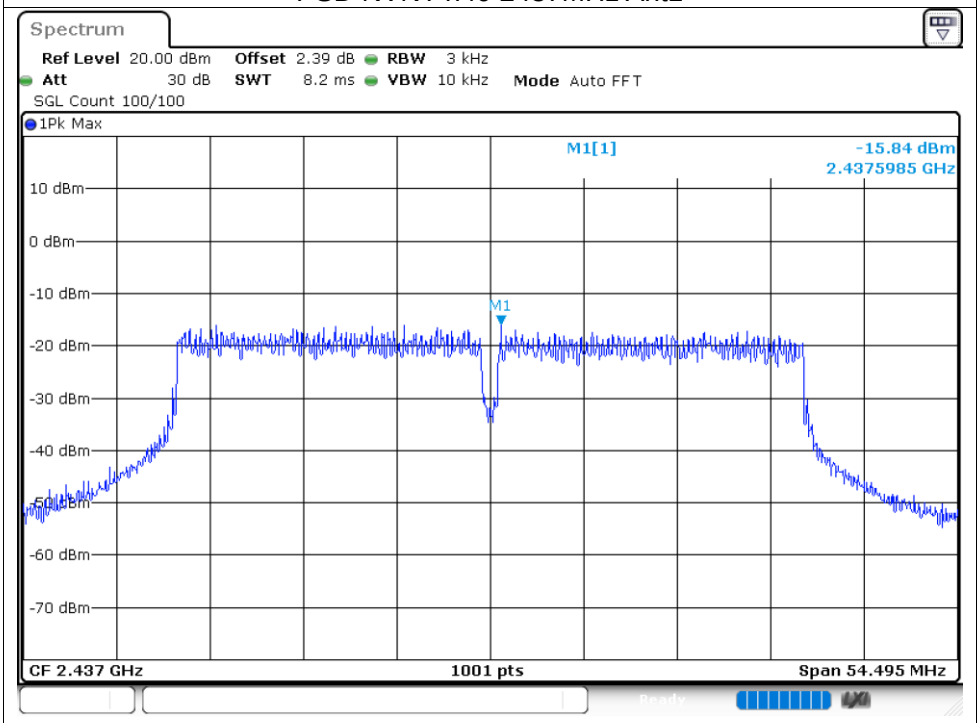
PSD NVNT n20 2462MHz Ant1



PSD NVNT n40 2422MHz Ant1



PSD NVNT n40 2437MHz Ant1



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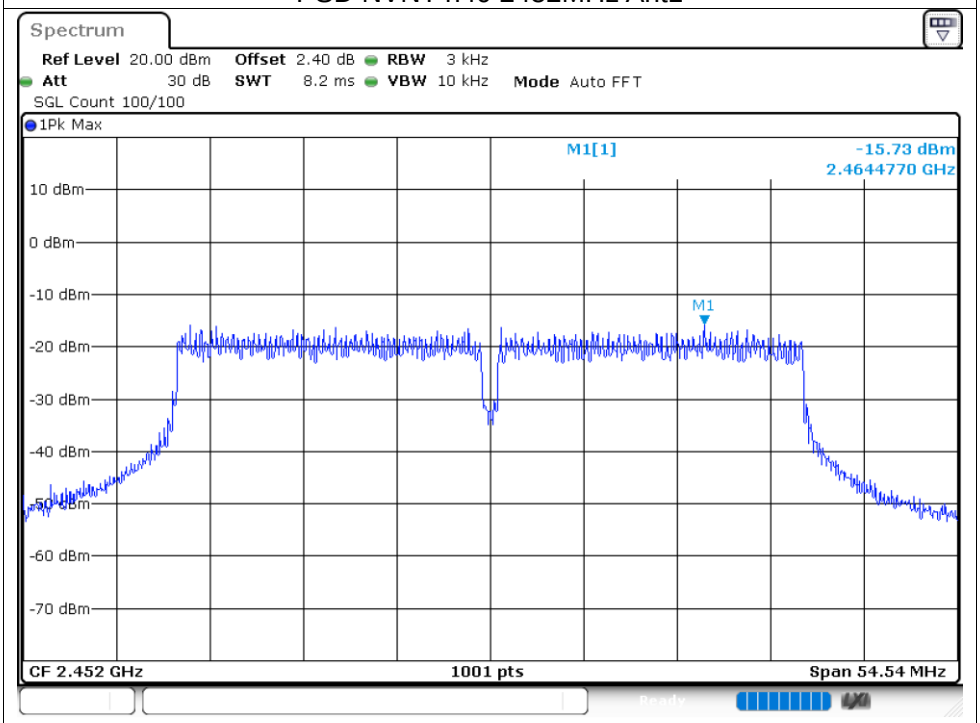
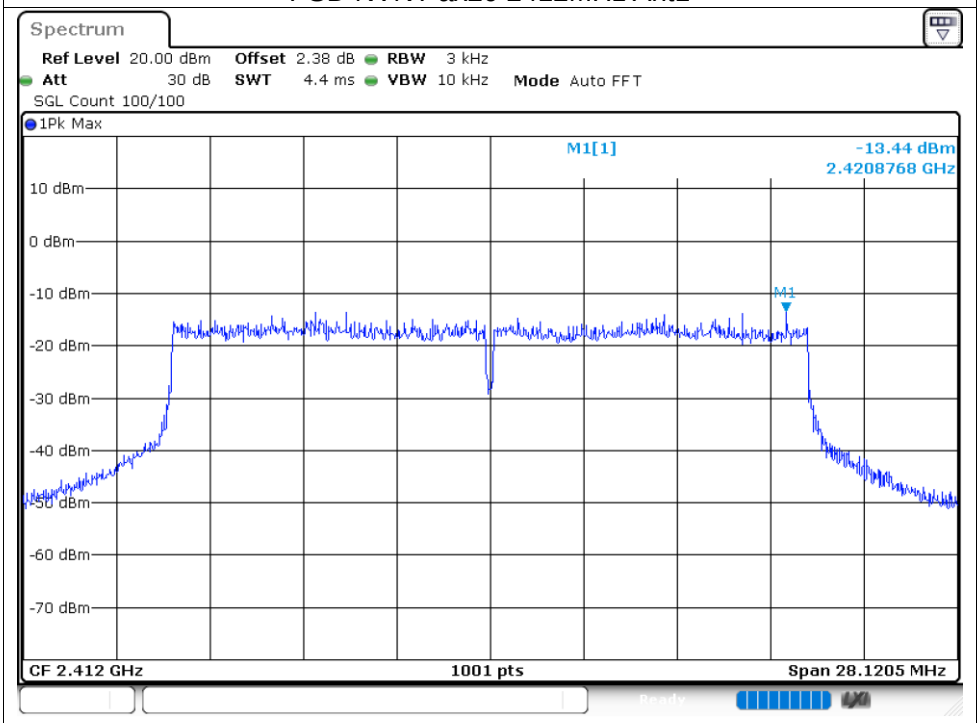
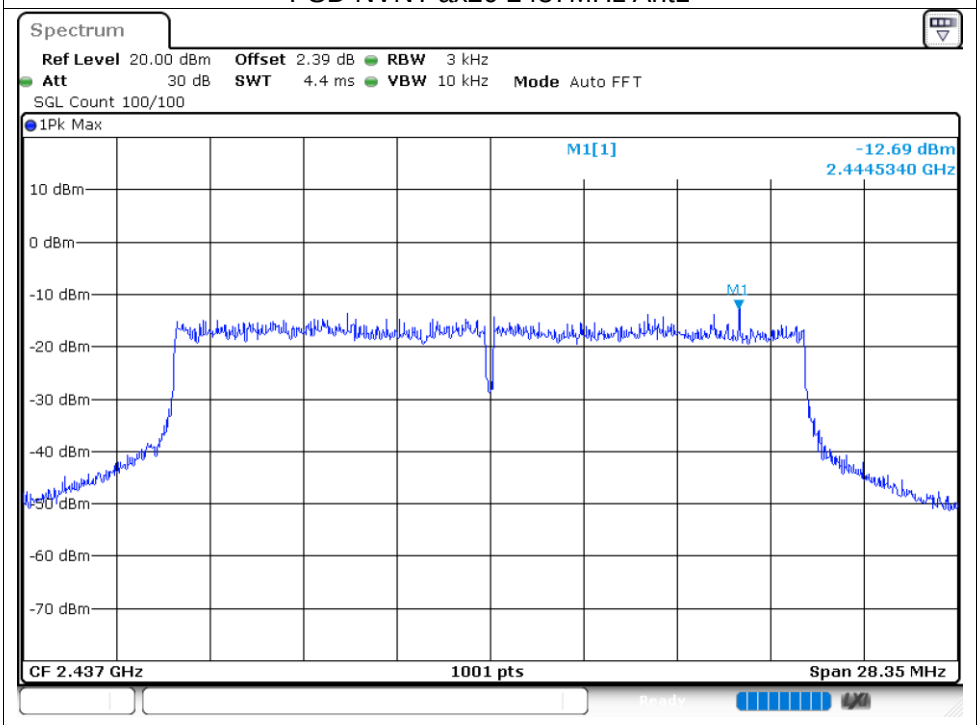


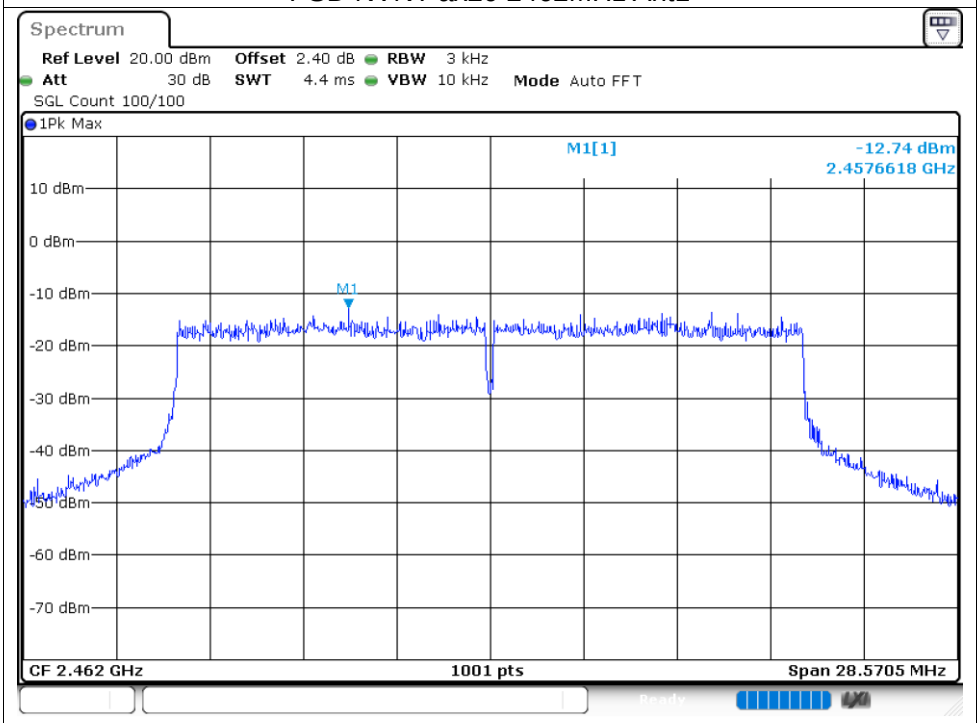
PSD NVNT ax20 2412MHz Ant1



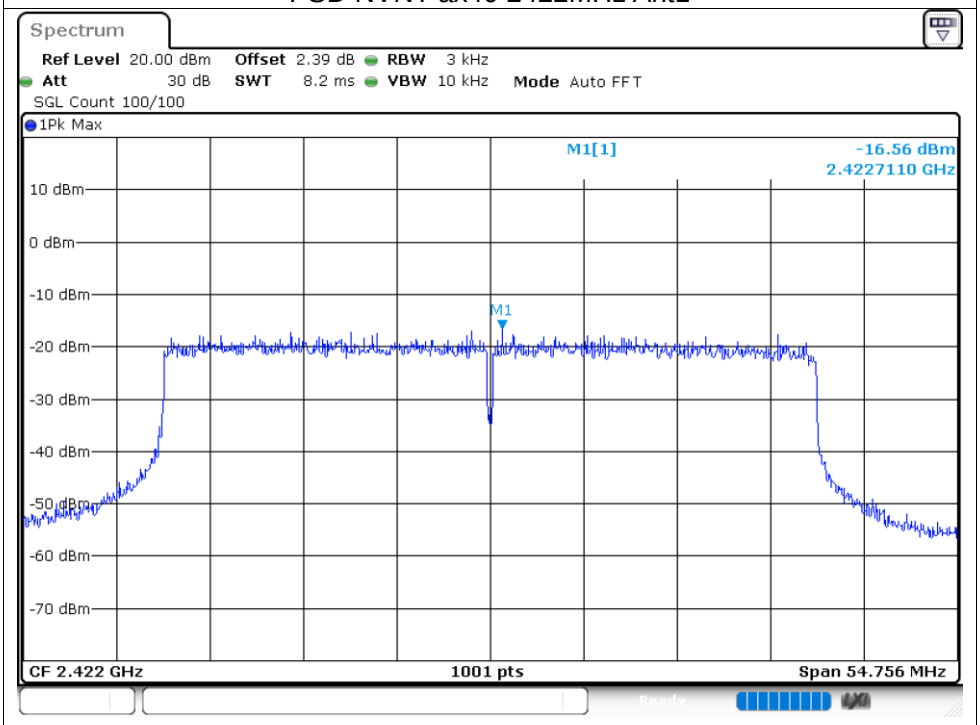
PSD NVNT ax20 2437MHz Ant1



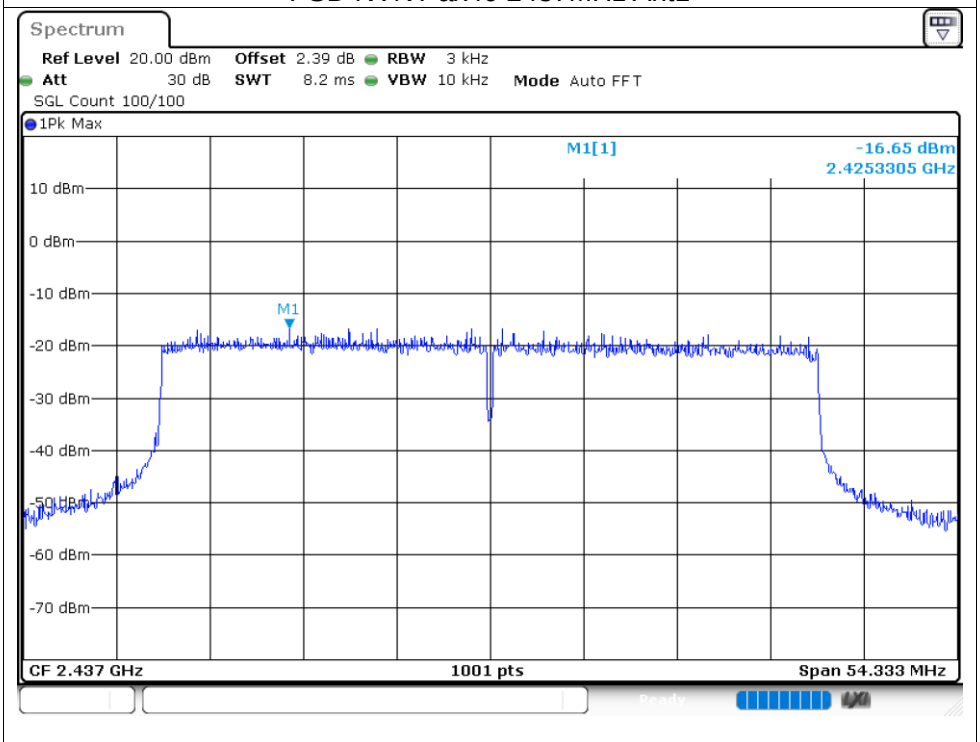
PSD NVNT ax20 2462MHz Ant1



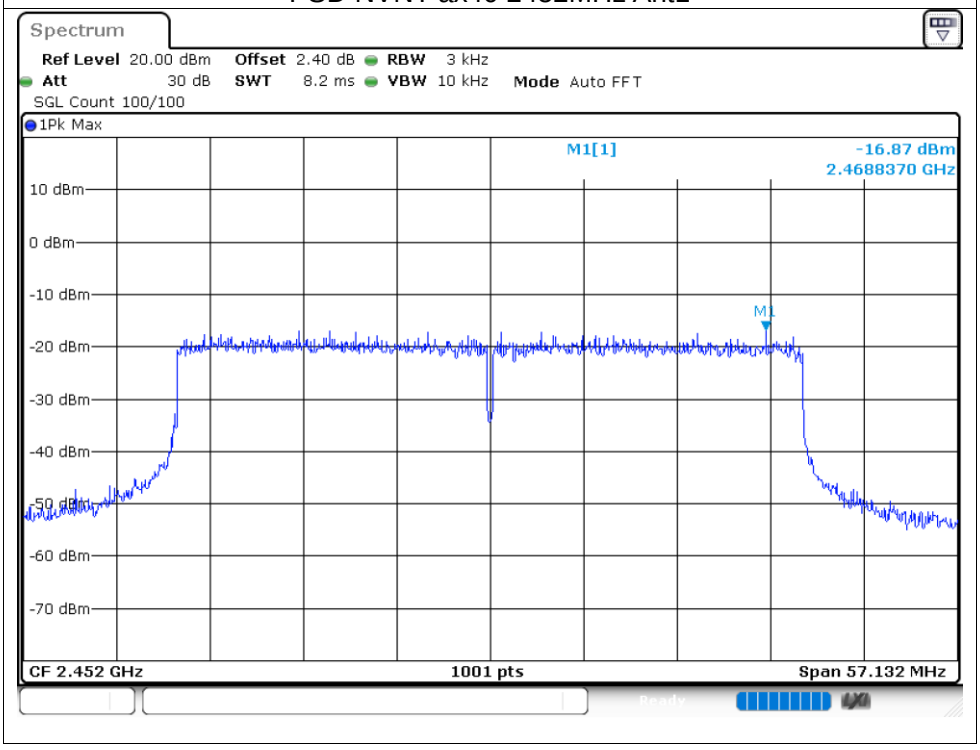
PSD NVNT ax40 2422MHz Ant1



PSD NVNT ax40 2437MHz Ant1



PSD NVNT ax40 2452MHz Ant1

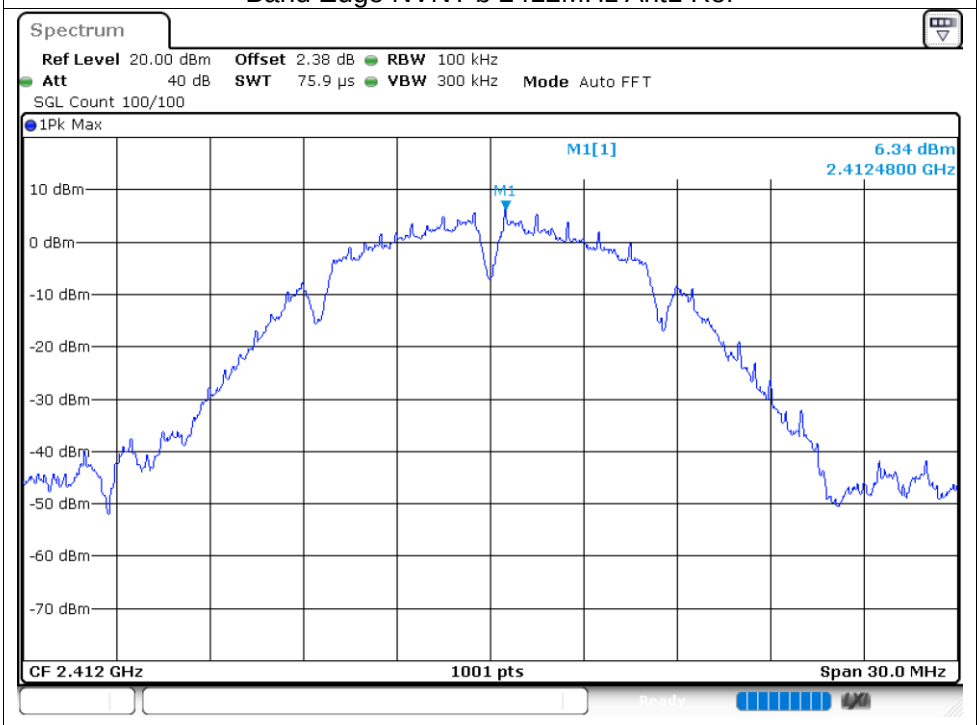


8.6 BAND EDGE

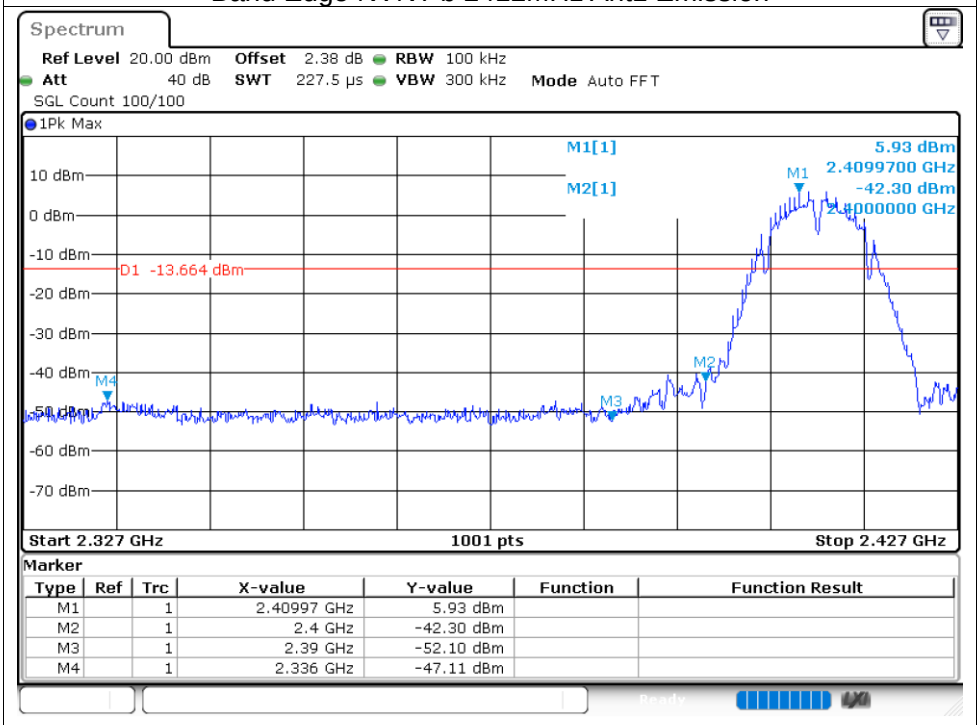
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-53.44	-20	Pass
NVNT	b	2462	Ant1	-57.12	-20	Pass
NVNT	g	2412	Ant1	-43.14	-20	Pass
NVNT	g	2462	Ant1	-42.85	-20	Pass
NVNT	n20	2412	Ant1	-41.95	-20	Pass
NVNT	n20	2462	Ant1	-41.57	-20	Pass
NVNT	n40	2422	Ant1	-33.15	-20	Pass
NVNT	n40	2452	Ant1	-35.67	-20	Pass
NVNT	ax20	2412	Ant1	-41.8	-20	Pass
NVNT	ax20	2462	Ant1	-41.03	-20	Pass
NVNT	ax40	2422	Ant1	-33.42	-20	Pass
NVNT	ax40	2452	Ant1	-30.42	-20	Pass

Test Graphs

Band Edge NVNT b 2412MHz Ant1 Ref



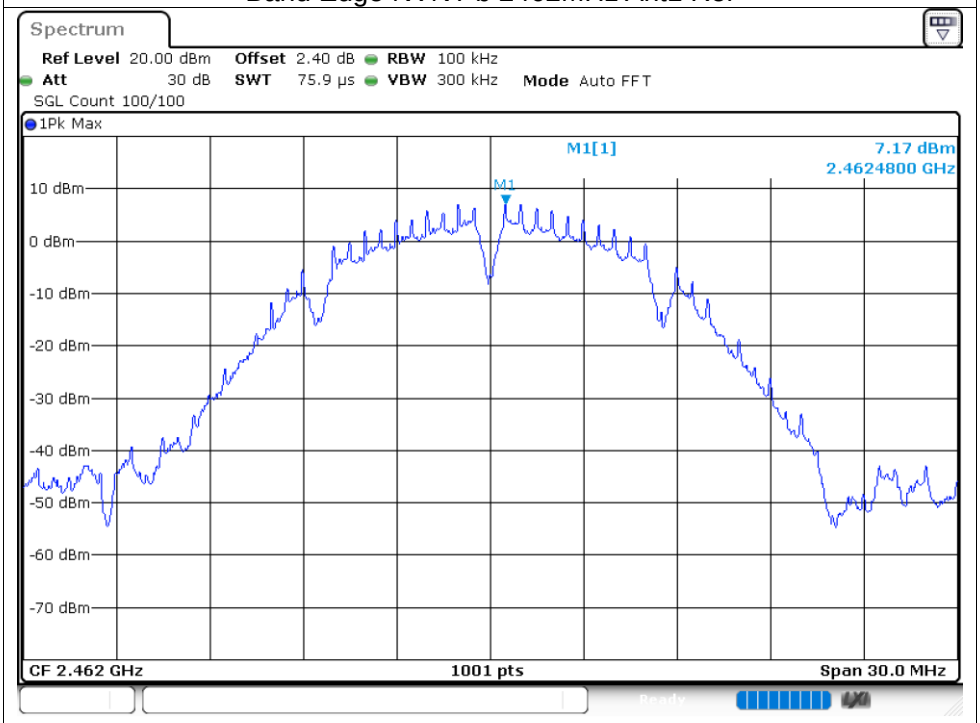
Band Edge NVNT b 2412MHz Ant1 Emission



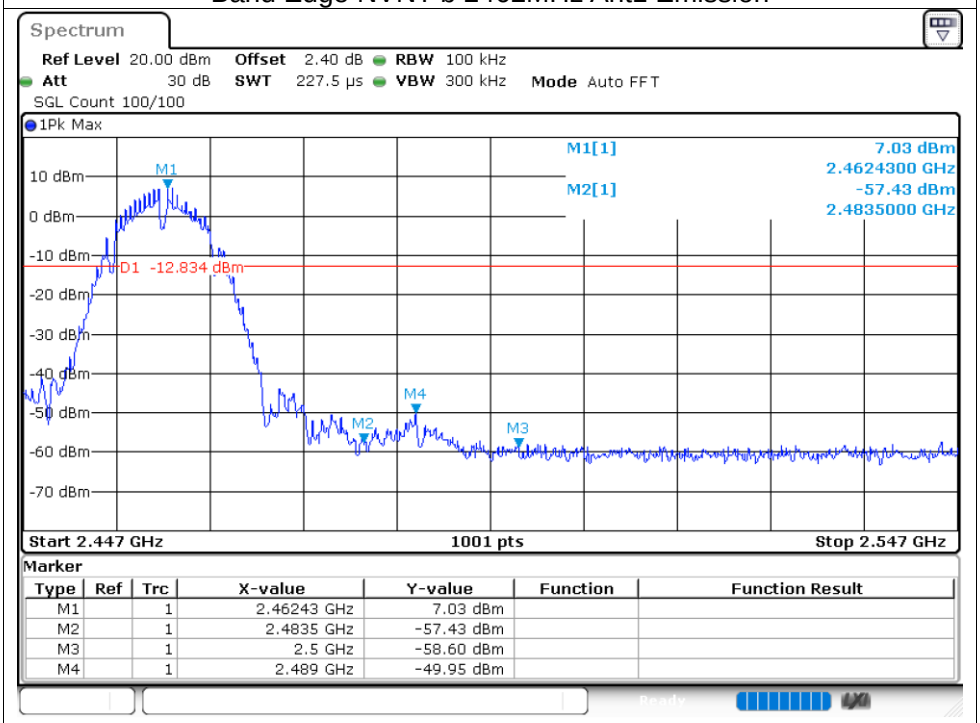
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40997 GHz	5.93 dBm		
M2		1	2.4 GHz	-42.30 dBm		
M3		1	2.39 GHz	-52.10 dBm		
M4		1	2.336 GHz	-47.11 dBm		

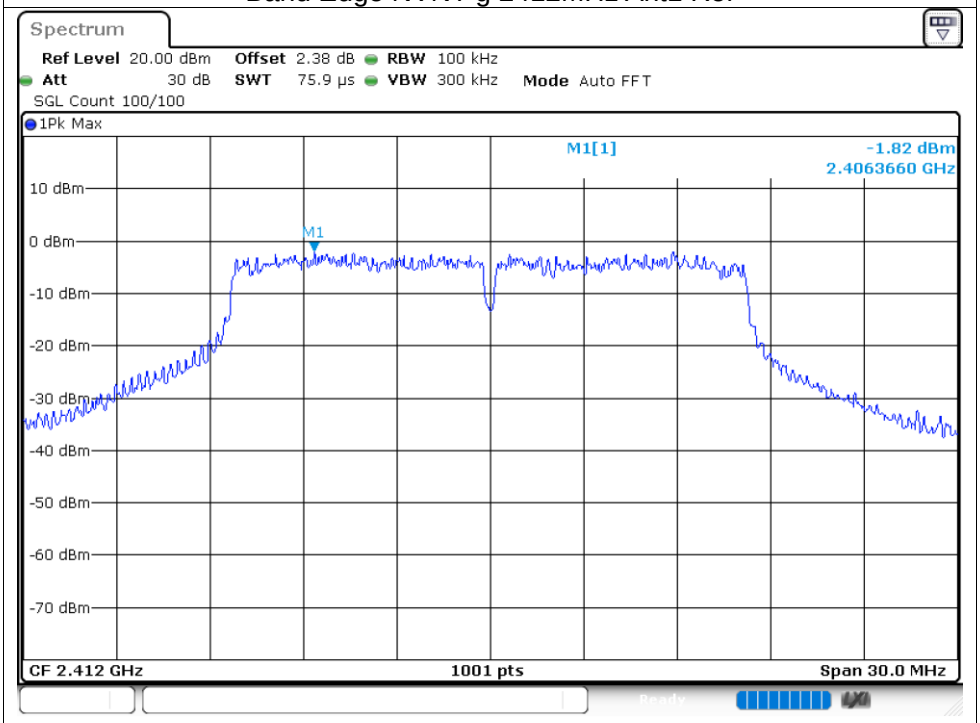
Band Edge NVNT b 2462MHz Ant1 Ref



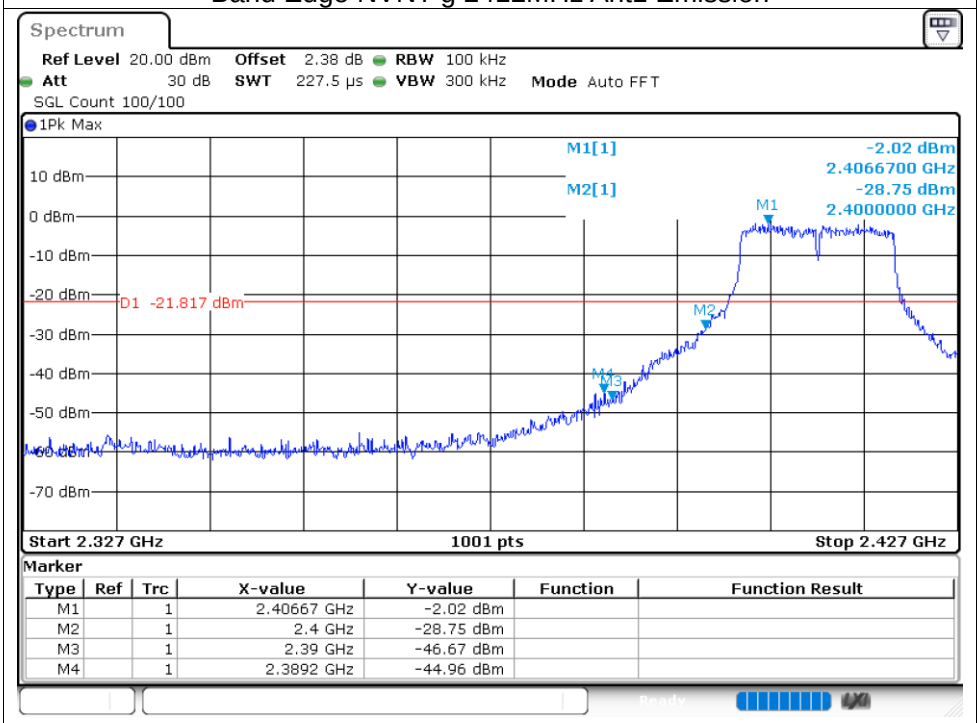
Band Edge NVNT b 2462MHz Ant1 Emission



Band Edge NVNT g 2412MHz Ant1 Ref



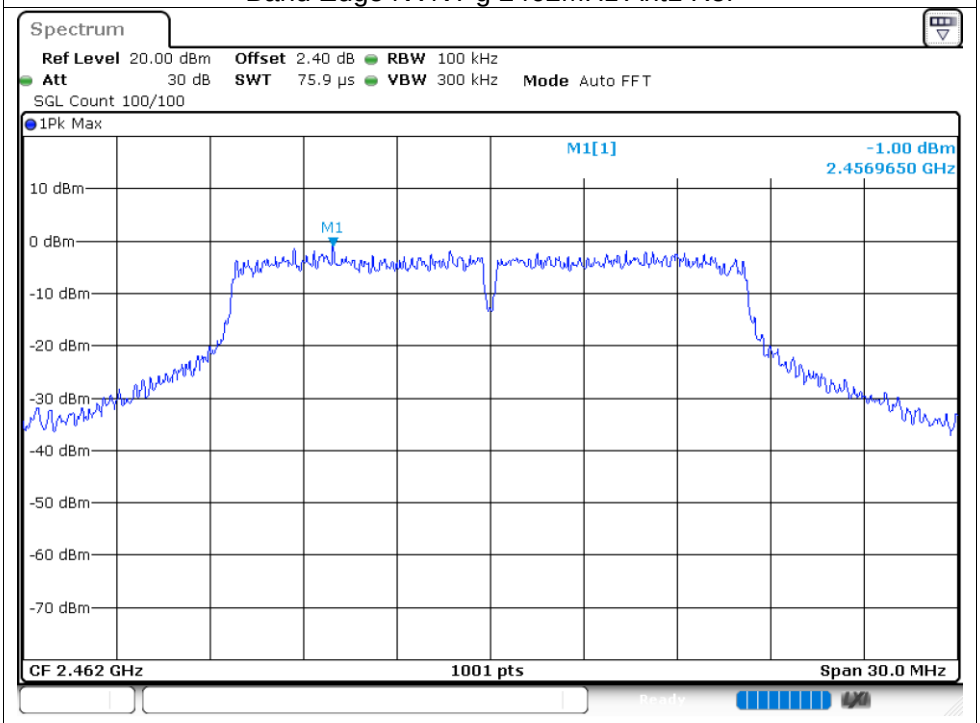
Band Edge NVNT g 2412MHz Ant1 Emission



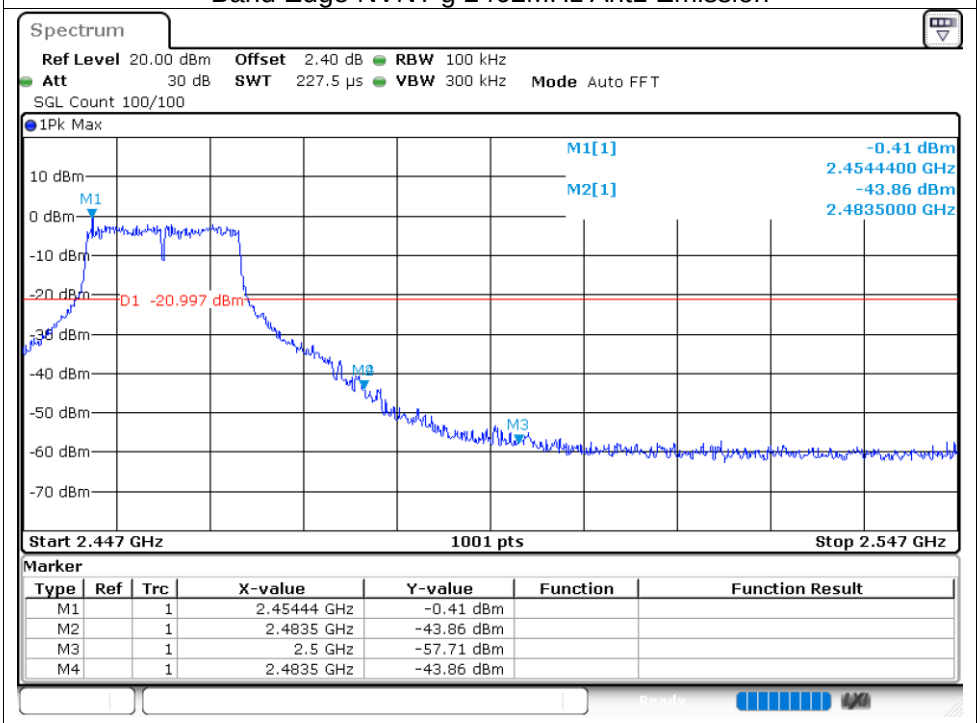
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40667 GHz	-2.02 dBm		
M2		1	2.4 GHz	-28.75 dBm		
M3		1	2.39 GHz	-46.67 dBm		
M4		1	2.3892 GHz	-44.96 dBm		

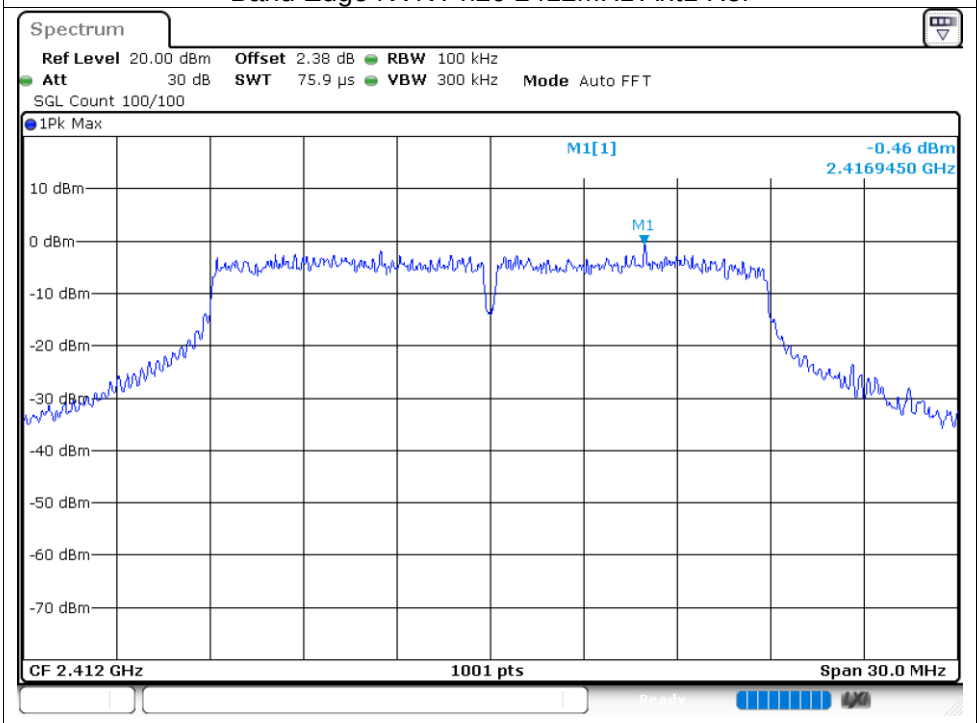
Band Edge NVNT g 2462MHz Ant1 Ref



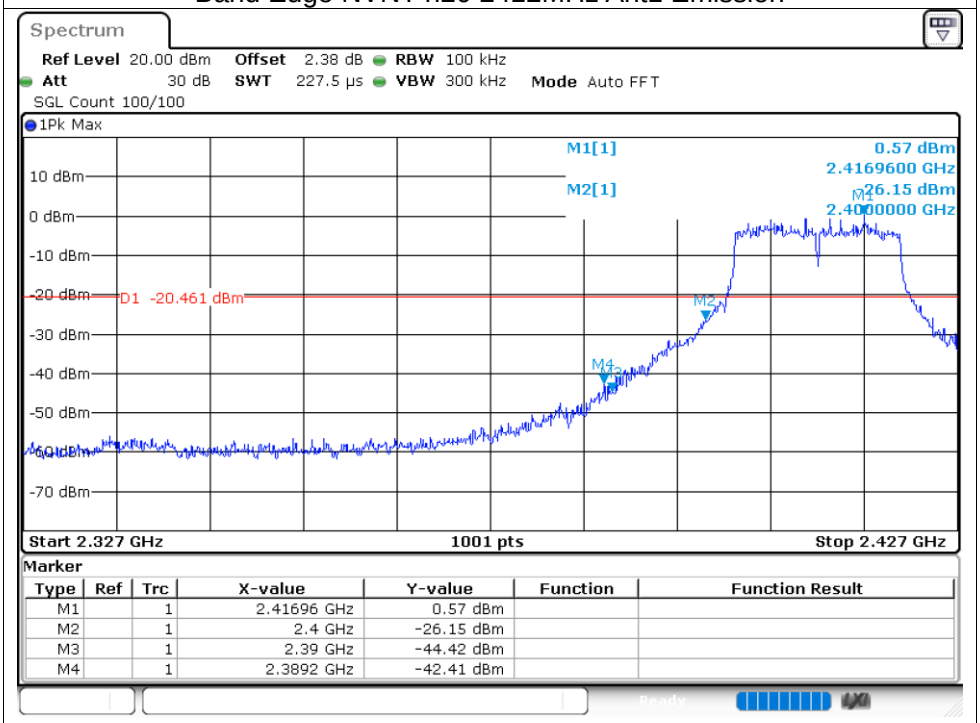
Band Edge NVNT g 2462MHz Ant1 Emission



Band Edge NVNT n20 2412MHz Ant1 Ref



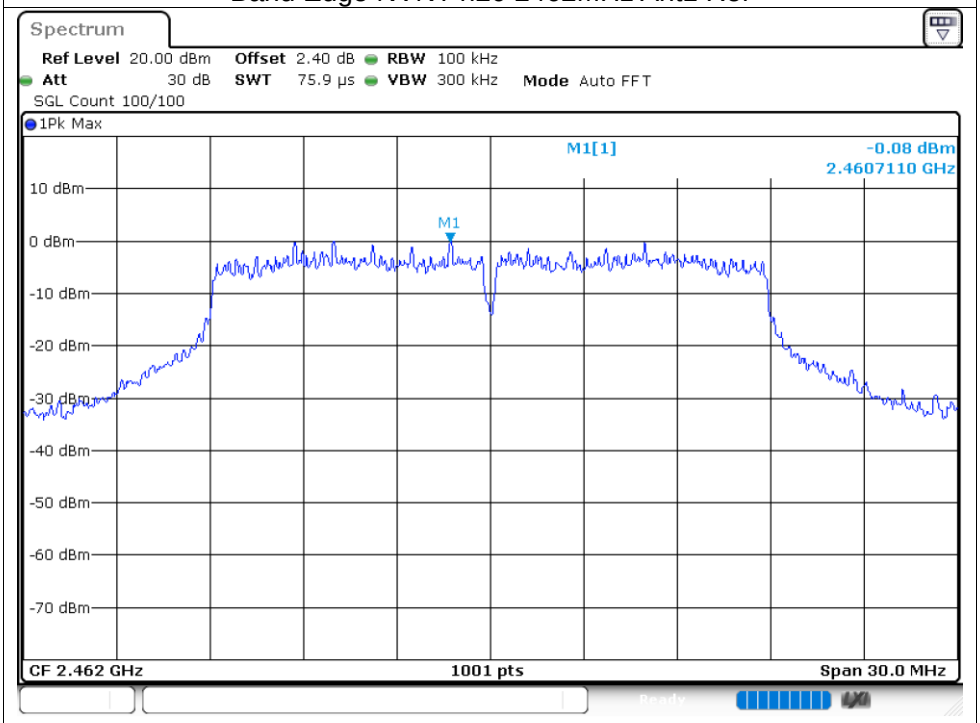
Band Edge NVNT n20 2412MHz Ant1 Emission



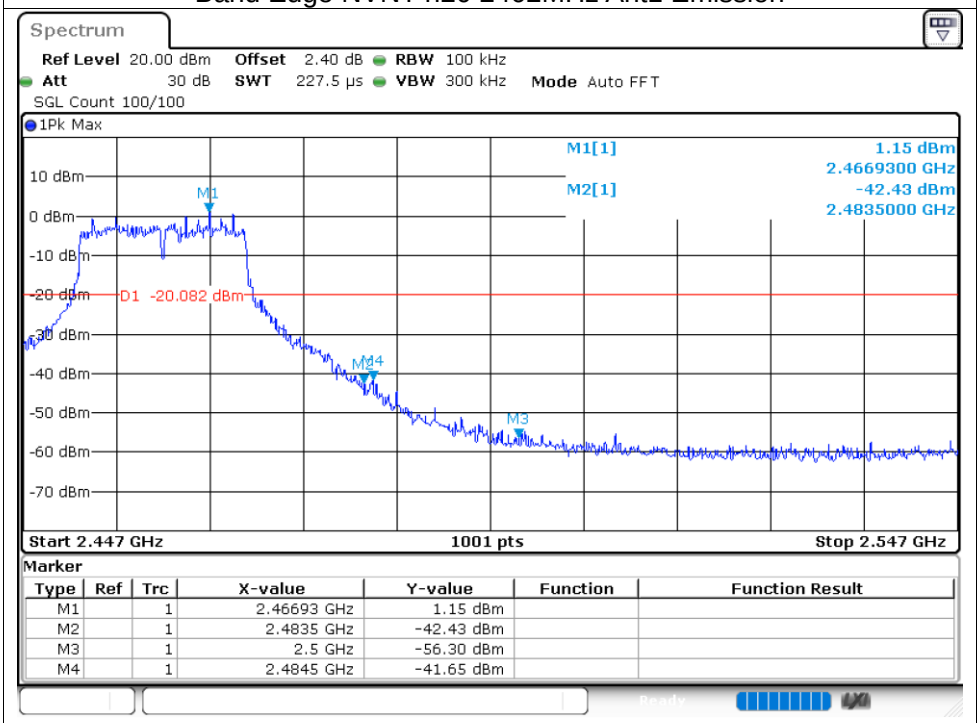
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41696 GHz	0.57 dBm		
M2		1	2.4 GHz	-26.15 dBm		
M3		1	2.39 GHz	-44.42 dBm		
M4		1	2.3892 GHz	-42.41 dBm		

Band Edge NVNT n20 2462MHz Ant1 Ref



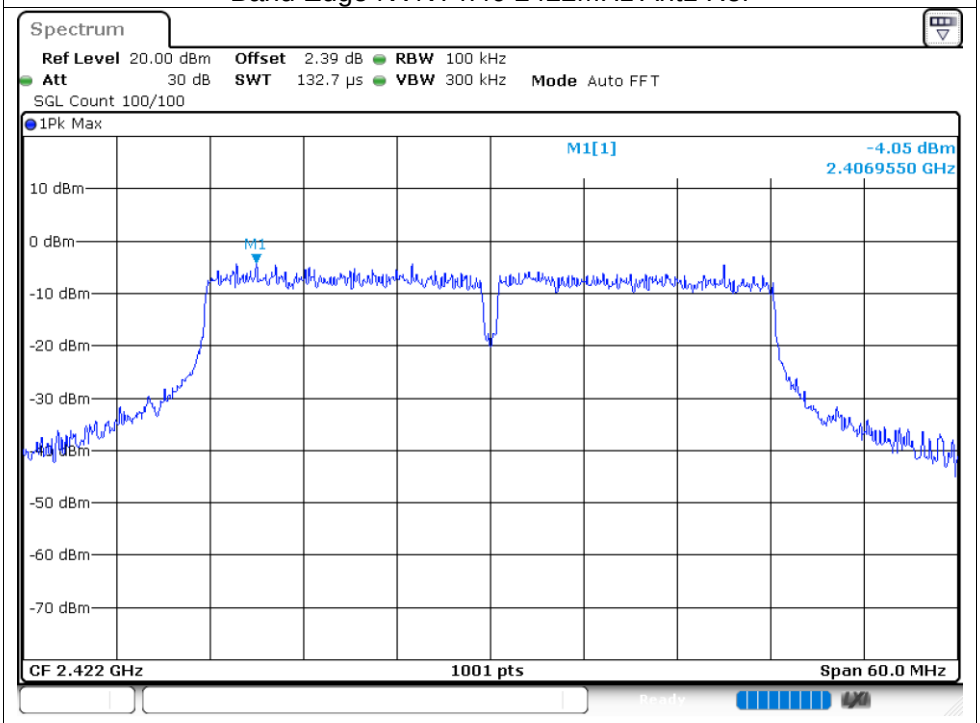
Band Edge NVNT n20 2462MHz Ant1 Emission



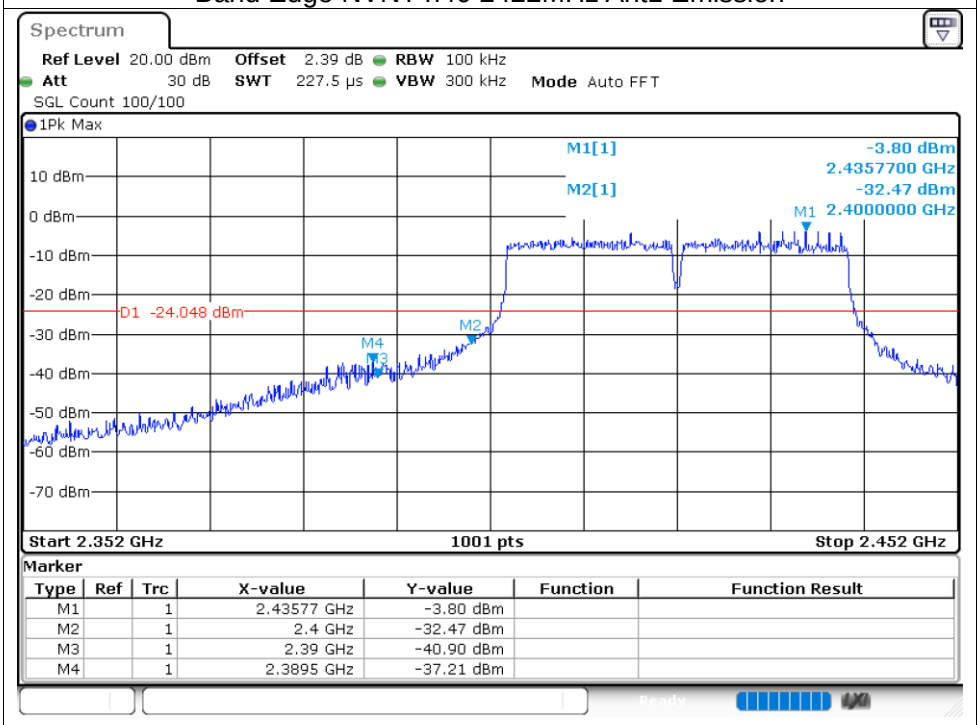
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46693 GHz	1.15 dBm		
M2		1	2.4835 GHz	-42.43 dBm		
M3		1	2.5 GHz	-56.30 dBm		
M4		1	2.4845 GHz	-41.65 dBm		

Band Edge NVNT n40 2422MHz Ant1 Ref



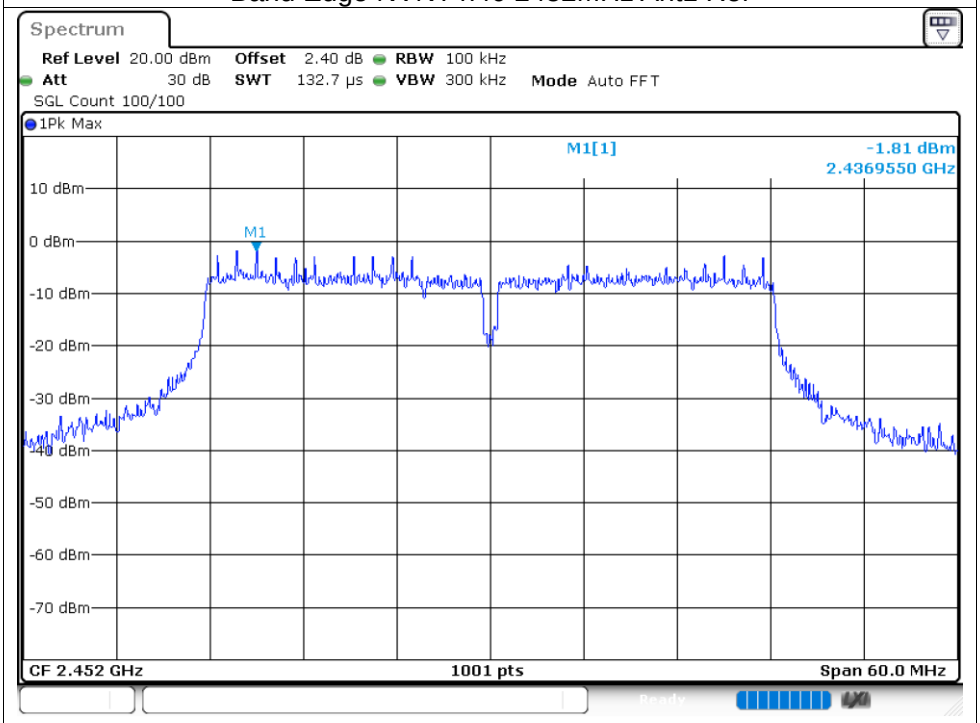
Band Edge NVNT n40 2422MHz Ant1 Emission



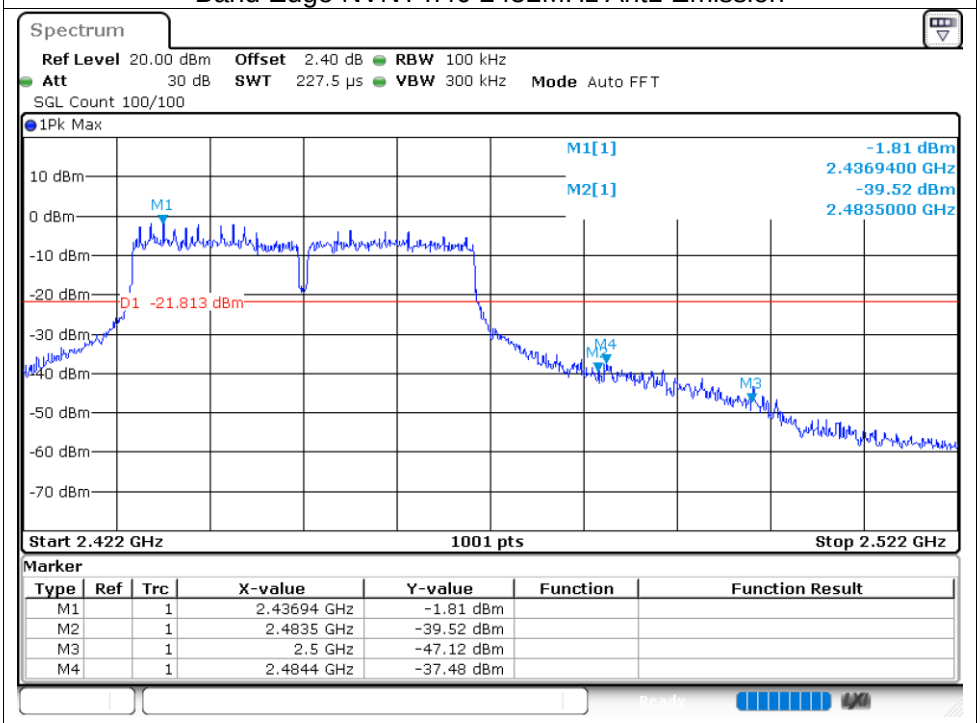
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43577 GHz	-3.80 dBm		
M2		1	2.4 GHz	-32.47 dBm		
M3		1	2.39 GHz	-40.90 dBm		
M4		1	2.3895 GHz	-37.21 dBm		

Band Edge NVNT n40 2452MHz Ant1 Ref

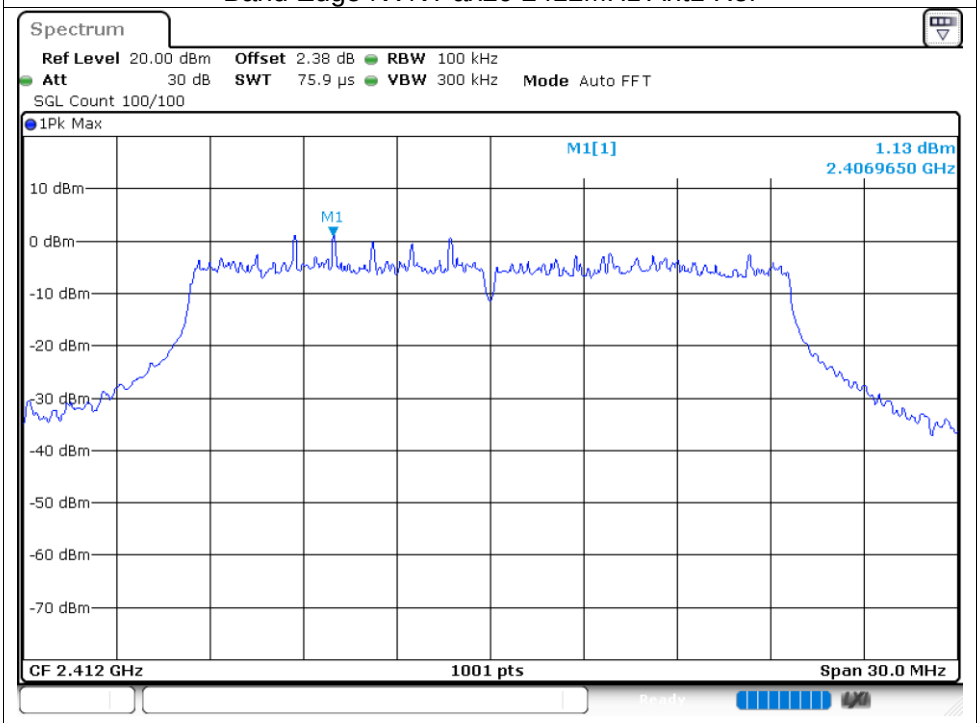


Band Edge NVNT n40 2452MHz Ant1 Emission

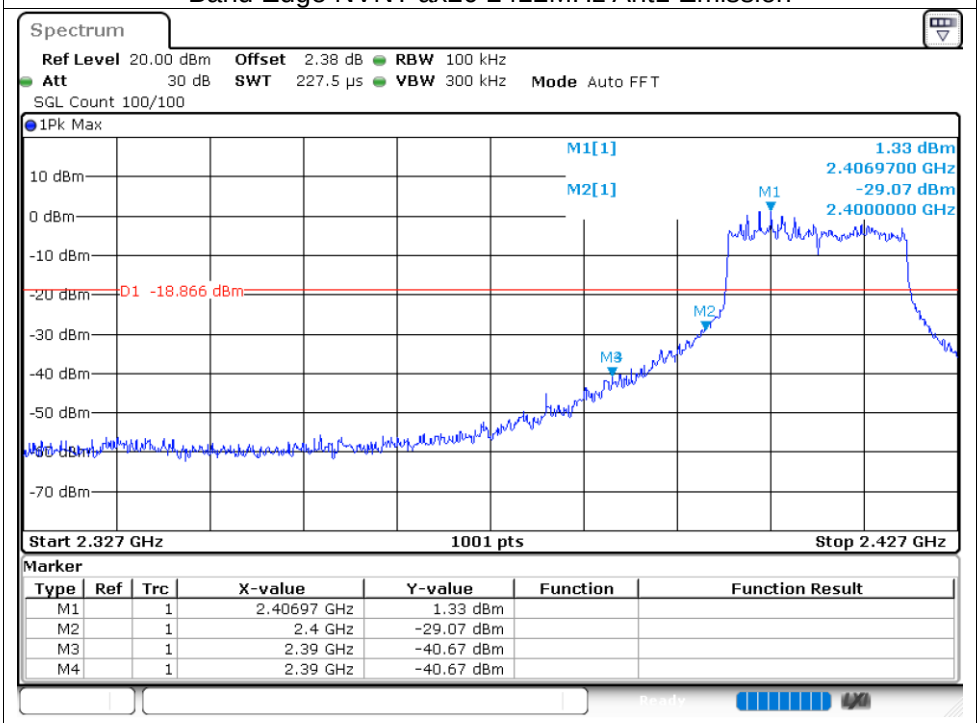


Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43694 GHz	-1.81 dBm		
M2		1	2.4835 GHz	-39.52 dBm		
M3		1	2.5 GHz	-47.12 dBm		
M4		1	2.4844 GHz	-37.48 dBm		

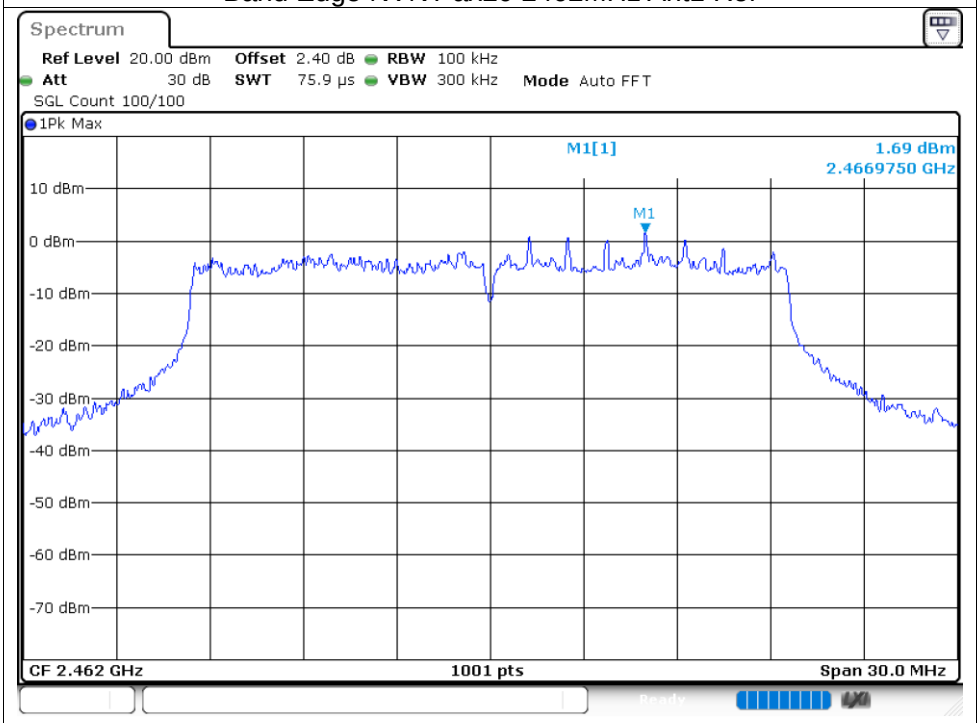
Band Edge NVNT ax20 2412MHz Ant1 Ref



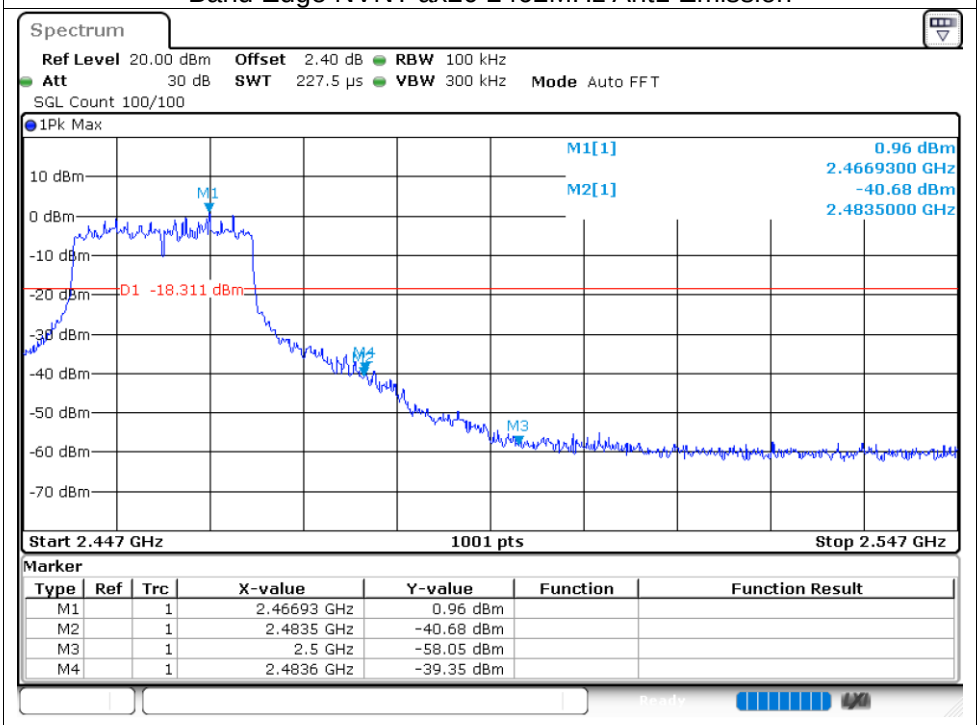
Band Edge NVNT ax20 2412MHz Ant1 Emission



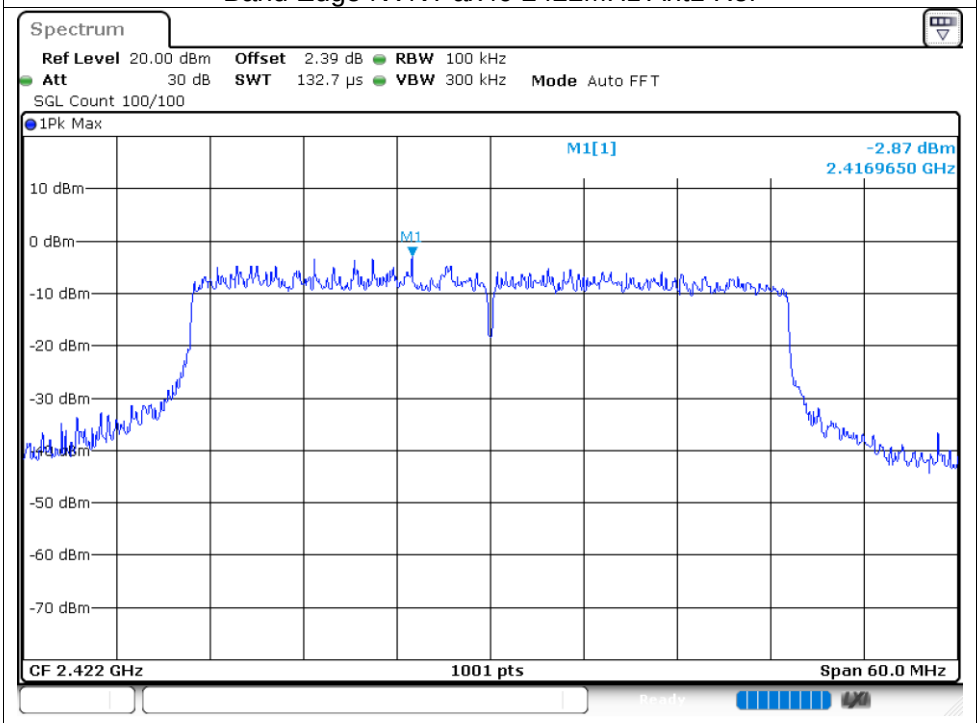
Band Edge NVNT ax20 2462MHz Ant1 Ref



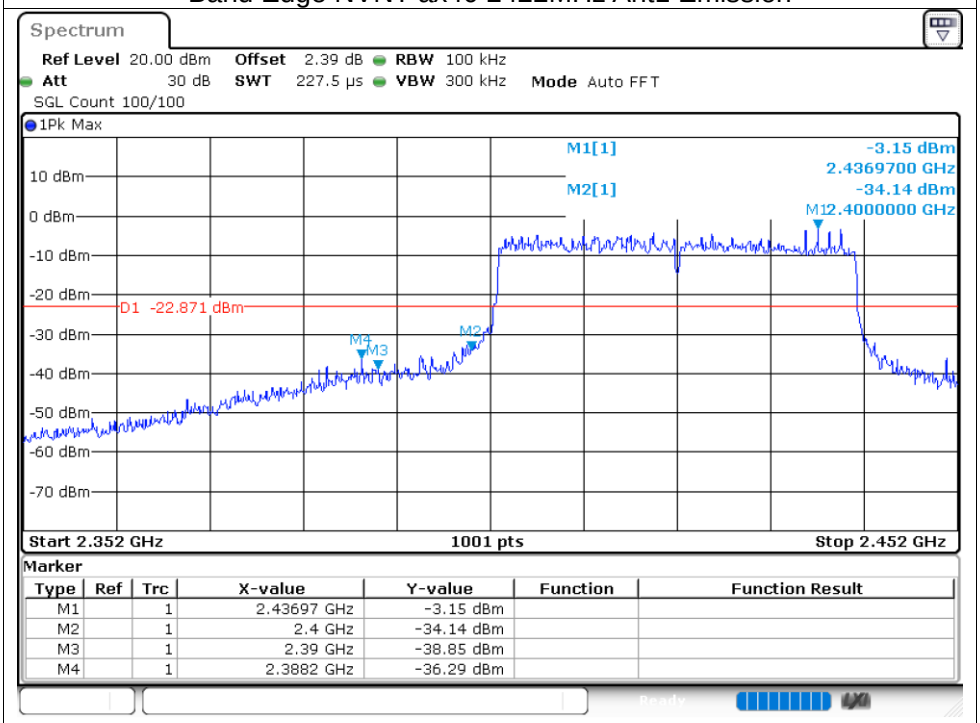
Band Edge NVNT ax20 2462MHz Ant1 Emission



Band Edge NVNT ax40 2422MHz Ant1 Ref



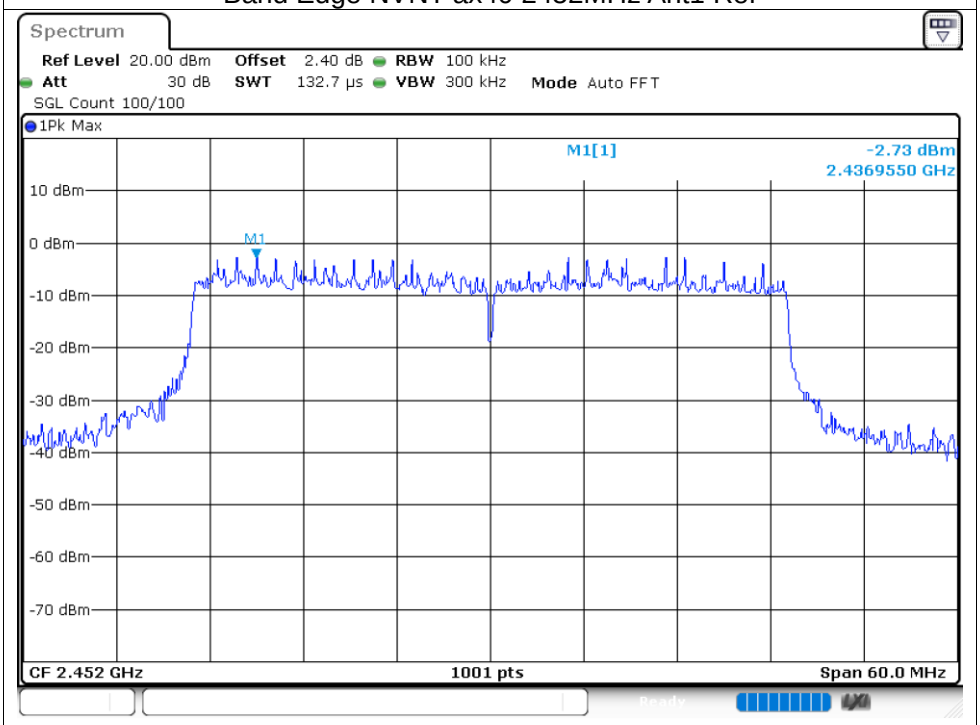
Band Edge NVNT ax40 2422MHz Ant1 Emission



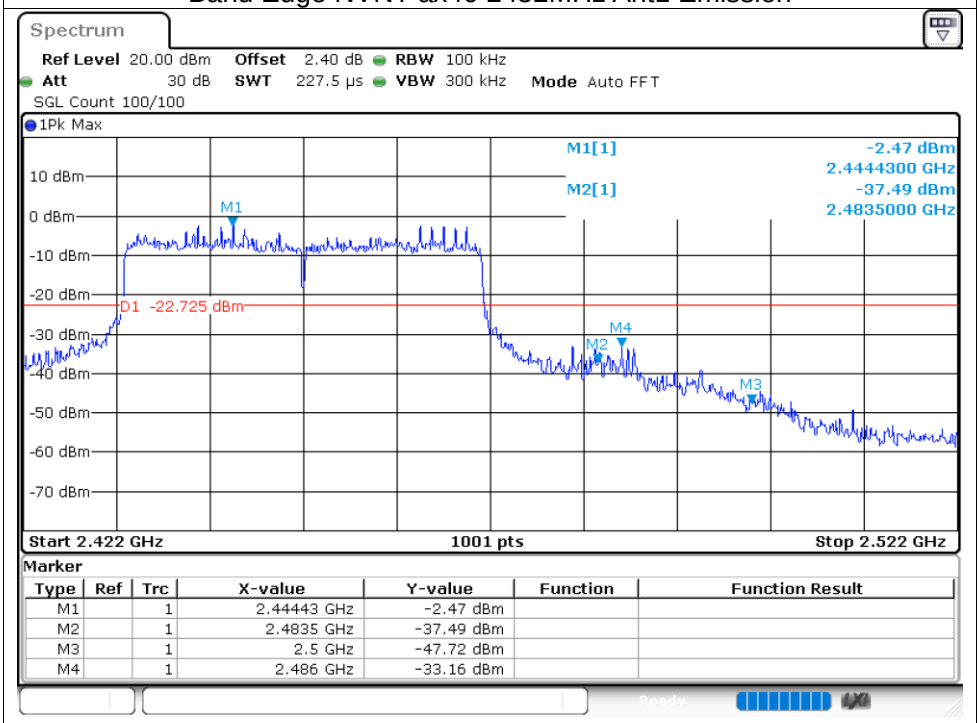
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43697 GHz	-3.15 dBm		
M2		1	2.4 GHz	-34.14 dBm		
M3		1	2.39 GHz	-38.85 dBm		
M4		1	2.3882 GHz	-36.29 dBm		

Band Edge NVNT ax40 2452MHz Ant1 Ref



Band Edge NVNT ax40 2452MHz Ant1 Emission



Marker

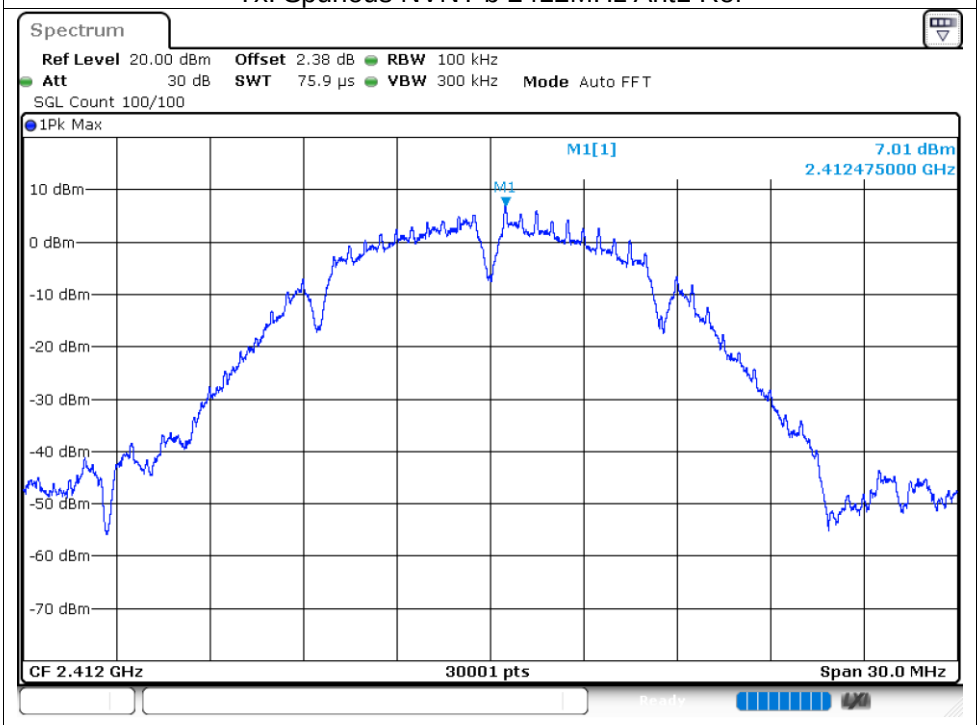
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.44443 GHz	-2.47 dBm		
M2		1	2.4835 GHz	-37.49 dBm		
M3		1	2.5 GHz	-47.72 dBm		
M4		1	2.486 GHz	-33.16 dBm		

8.7 CONDUCTED RF SPURIOUS EMISSION

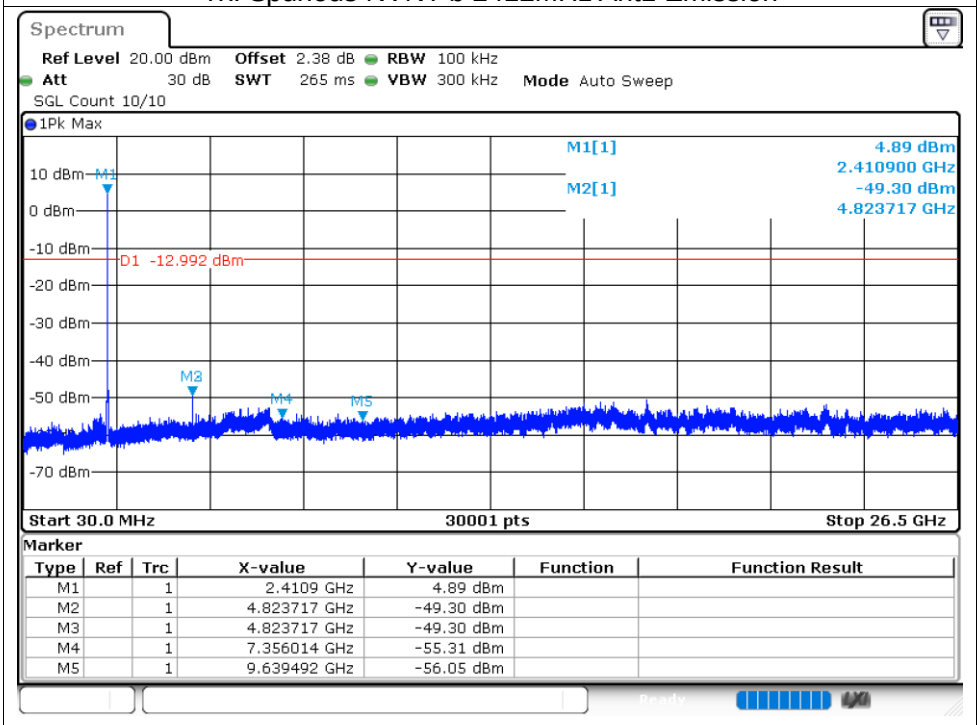
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-56.31	-20	Pass
NVNT	b	2437	Ant1	-56.32	-20	Pass
NVNT	b	2462	Ant1	-56.88	-20	Pass
NVNT	g	2412	Ant1	-48.01	-20	Pass
NVNT	g	2437	Ant1	-49.17	-20	Pass
NVNT	g	2462	Ant1	-51.96	-20	Pass
NVNT	n20	2412	Ant1	-50.21	-20	Pass
NVNT	n20	2437	Ant1	-52.02	-20	Pass
NVNT	n20	2462	Ant1	-51.02	-20	Pass
NVNT	n40	2422	Ant1	-47.8	-20	Pass
NVNT	n40	2437	Ant1	-49.09	-20	Pass
NVNT	n40	2452	Ant1	-48.29	-20	Pass
NVNT	ax20	2412	Ant1	-52.25	-20	Pass
NVNT	ax20	2437	Ant1	-51.35	-20	Pass
NVNT	ax20	2462	Ant1	-49.3	-20	Pass
NVNT	ax40	2422	Ant1	-48.29	-20	Pass
NVNT	ax40	2437	Ant1	-48.6	-20	Pass
NVNT	ax40	2452	Ant1	-48.94	-20	Pass

Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref



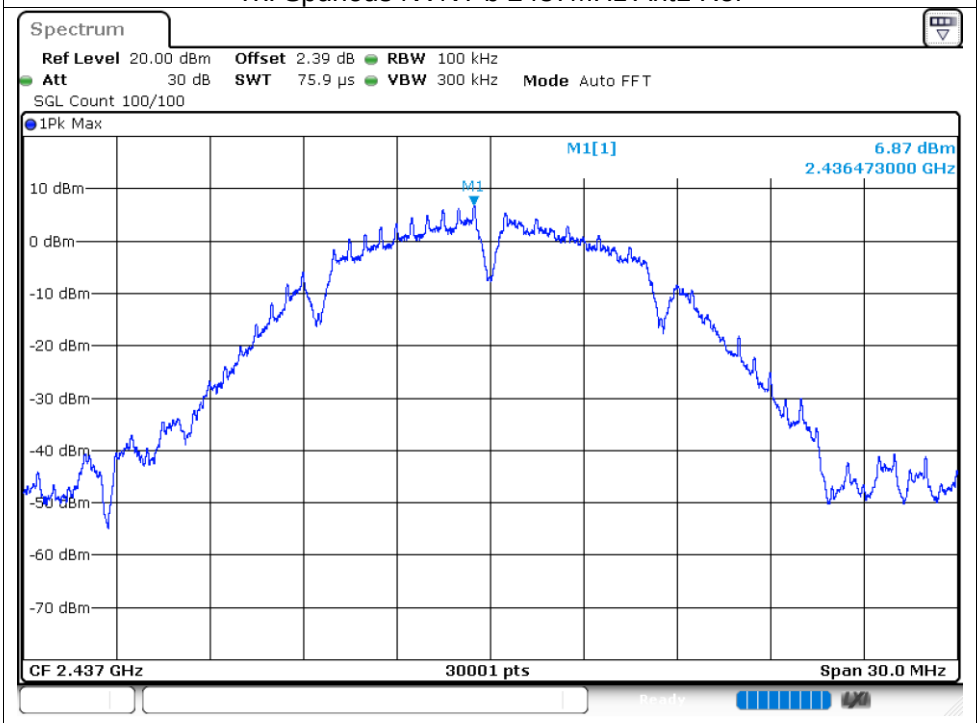
Tx. Spurious NVNT b 2412MHz Ant1 Emission



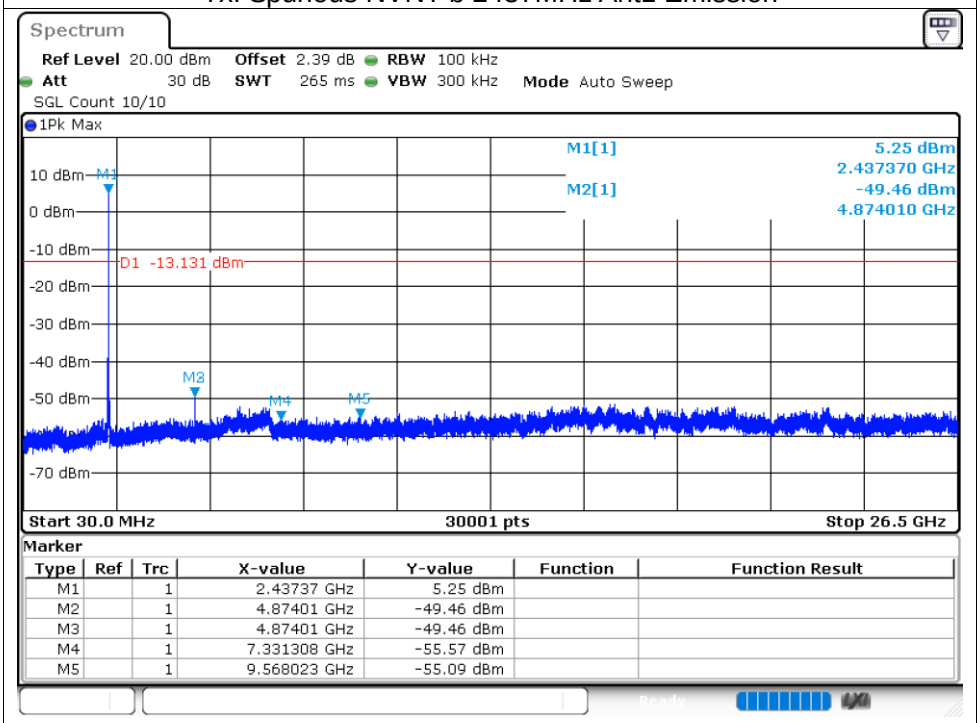
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4109 GHz	4.89 dBm		
M2		1	4.823717 GHz	-49.30 dBm		
M3		1	4.823717 GHz	-49.30 dBm		
M4		1	7.356014 GHz	-55.31 dBm		
M5		1	9.639492 GHz	-56.05 dBm		

Tx. Spurious NVNT b 2437MHz Ant1 Ref



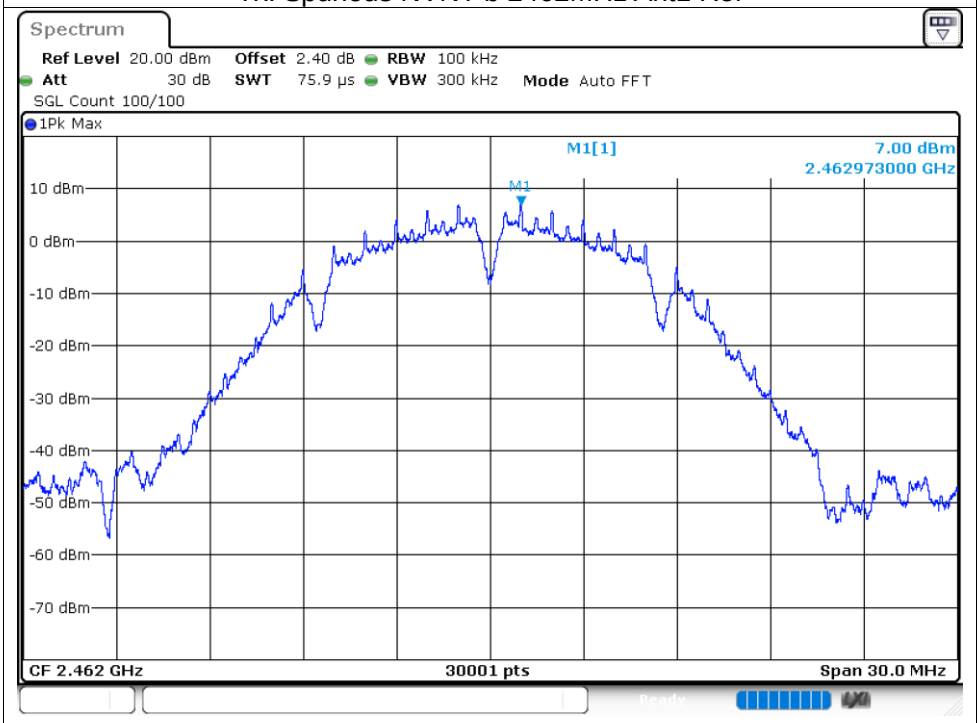
Tx. Spurious NVNT b 2437MHz Ant1 Emission



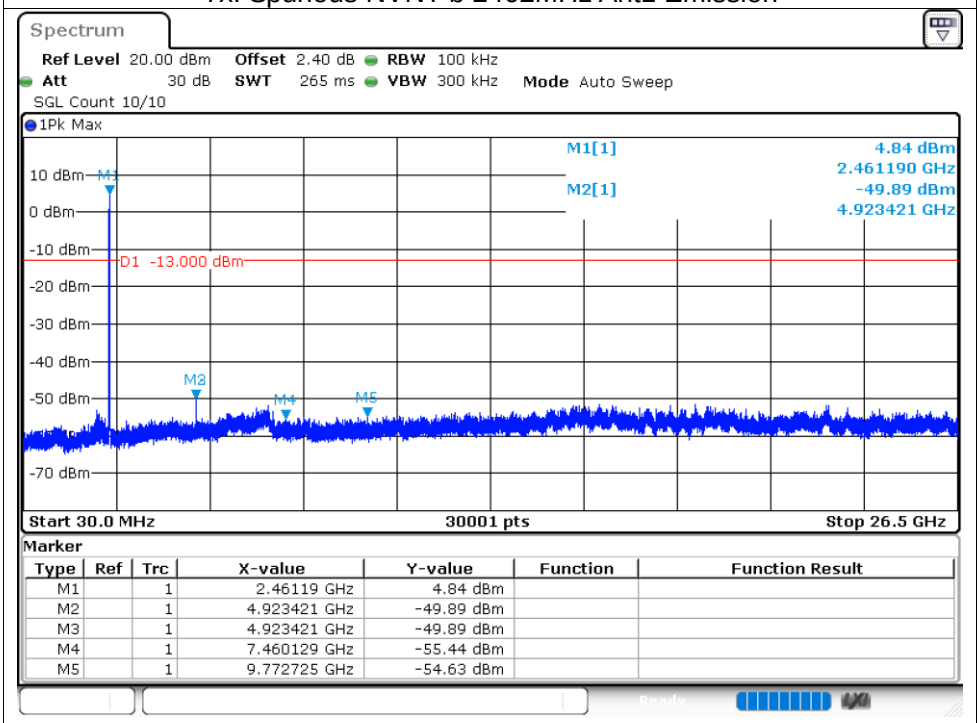
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43737 GHz	5.25 dBm		
M2		1	4.87401 GHz	-49.46 dBm		
M3		1	4.87401 GHz	-49.46 dBm		
M4		1	7.331308 GHz	-55.57 dBm		
M5		1	9.568023 GHz	-55.09 dBm		

Tx. Spurious NVNT b 2462MHz Ant1 Ref



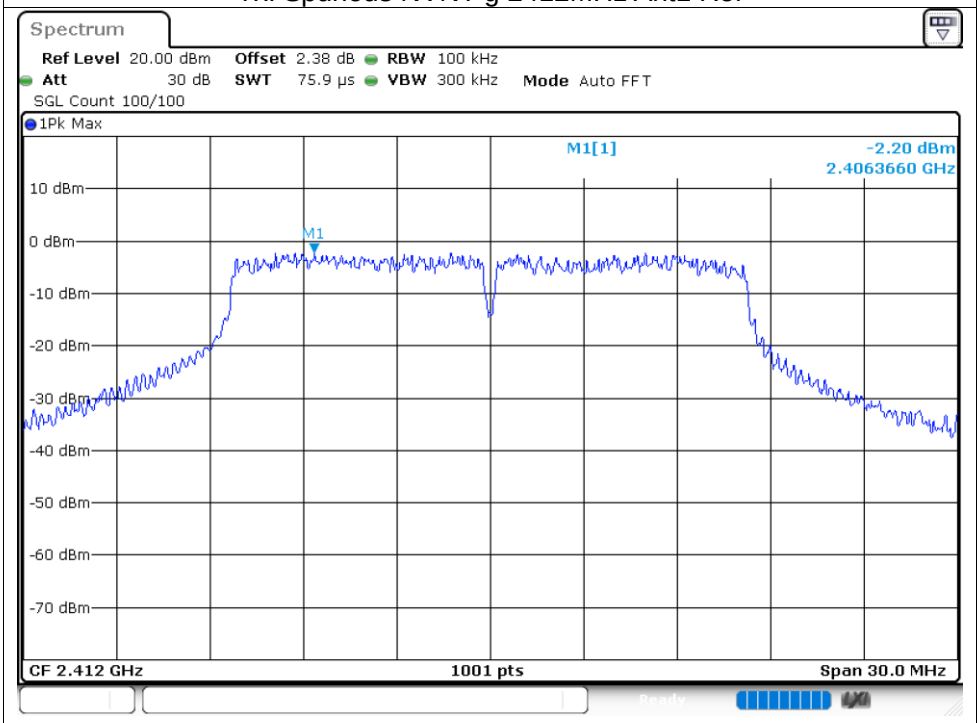
Tx. Spurious NVNT b 2462MHz Ant1 Emission



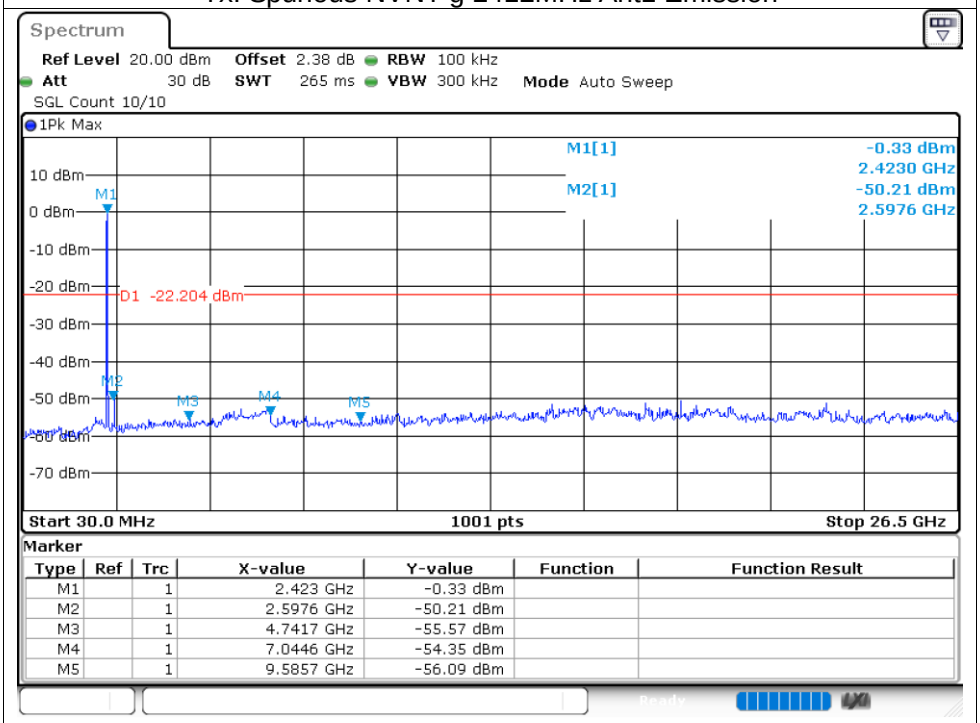
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46119 GHz	4.84 dBm		
M2		1	4.923421 GHz	-49.89 dBm		
M3		1	4.923421 GHz	-49.89 dBm		
M4		1	7.460129 GHz	-55.44 dBm		
M5		1	9.772725 GHz	-54.63 dBm		

Tx. Spurious NVNT g 2412MHz Ant1 Ref



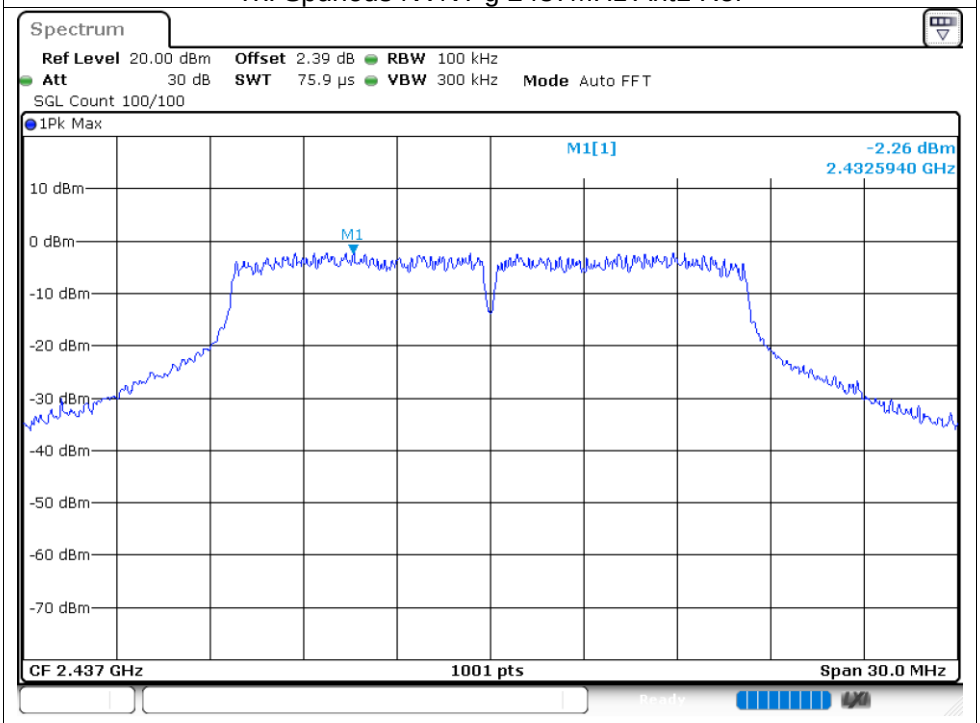
Tx. Spurious NVNT g 2412MHz Ant1 Emission



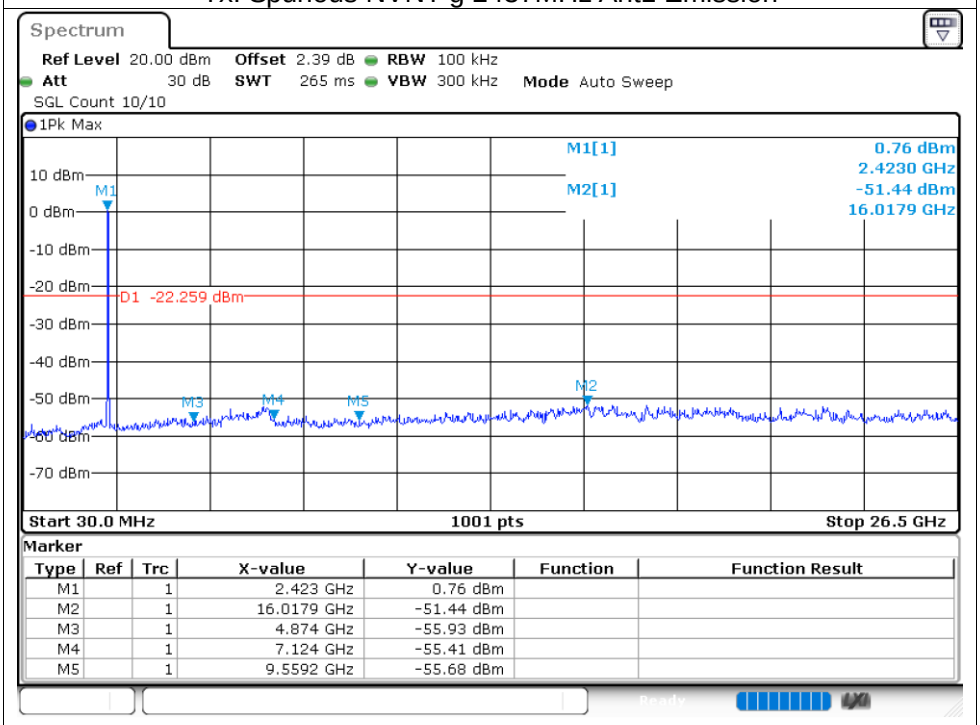
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-0.33 dBm		
M2		1	2.5976 GHz	-50.21 dBm		
M3		1	4.7417 GHz	-55.57 dBm		
M4		1	7.0446 GHz	-54.35 dBm		
M5		1	9.5857 GHz	-56.09 dBm		

Tx. Spurious NVNT g 2437MHz Ant1 Ref



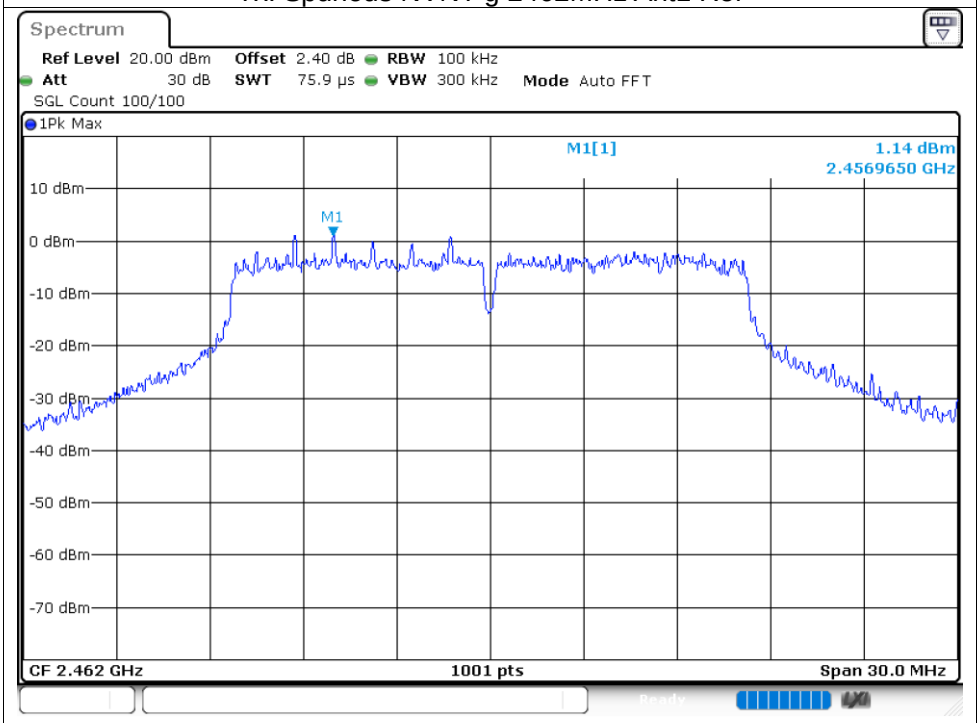
Tx. Spurious NVNT g 2437MHz Ant1 Emission



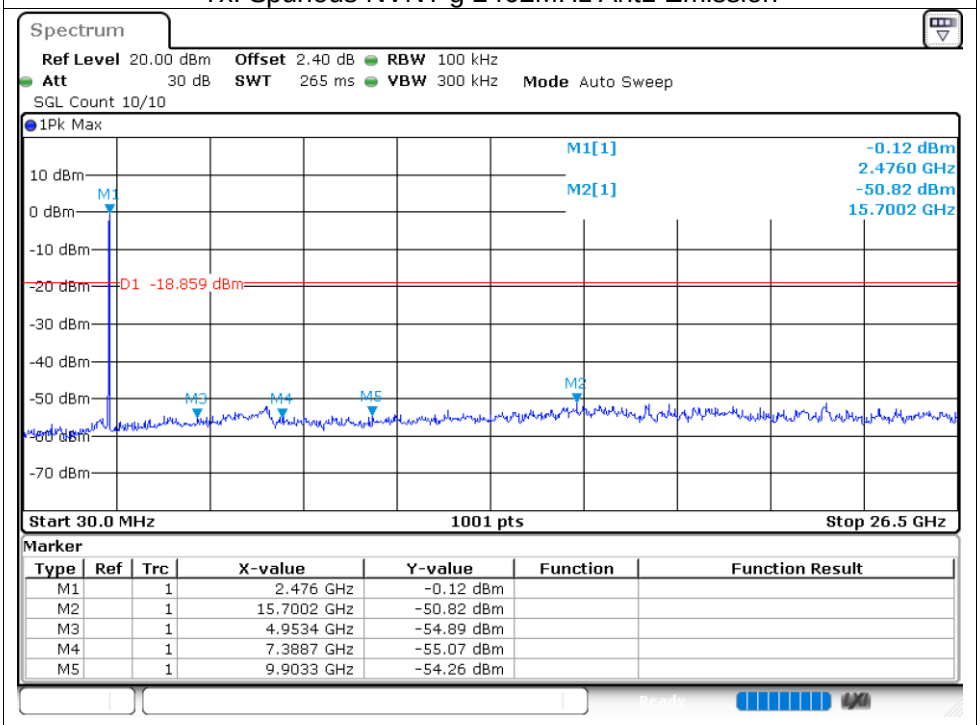
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	0.76 dBm		
M2		1	16.0179 GHz	-51.44 dBm		
M3		1	4.874 GHz	-55.93 dBm		
M4		1	7.124 GHz	-55.41 dBm		
M5		1	9.5592 GHz	-55.68 dBm		

Tx. Spurious NVNT g 2462MHz Ant1 Ref



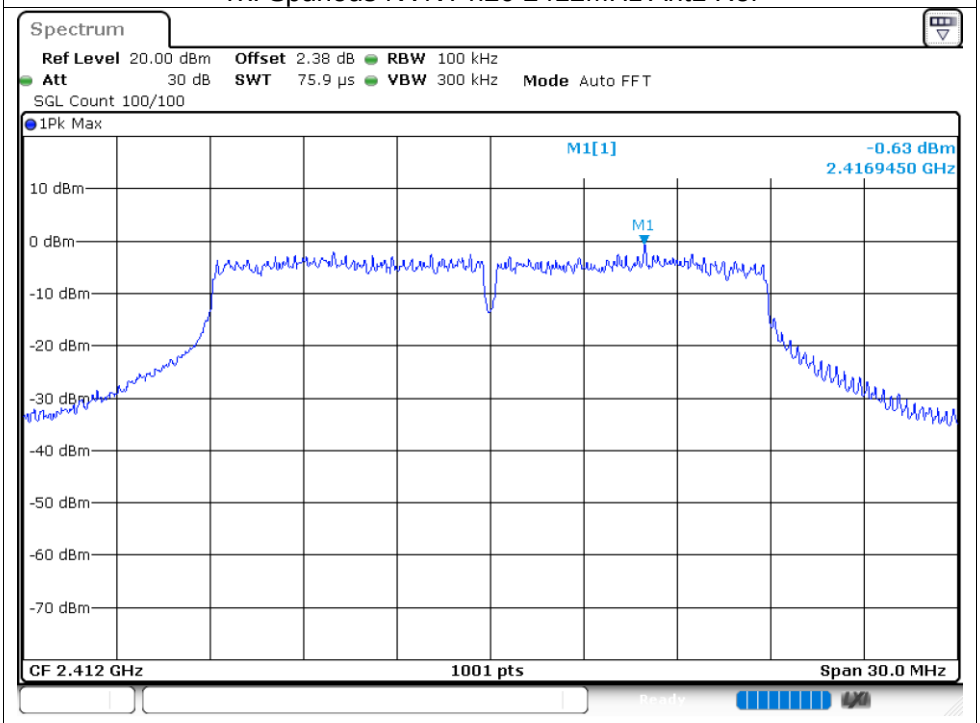
Tx. Spurious NVNT g 2462MHz Ant1 Emission



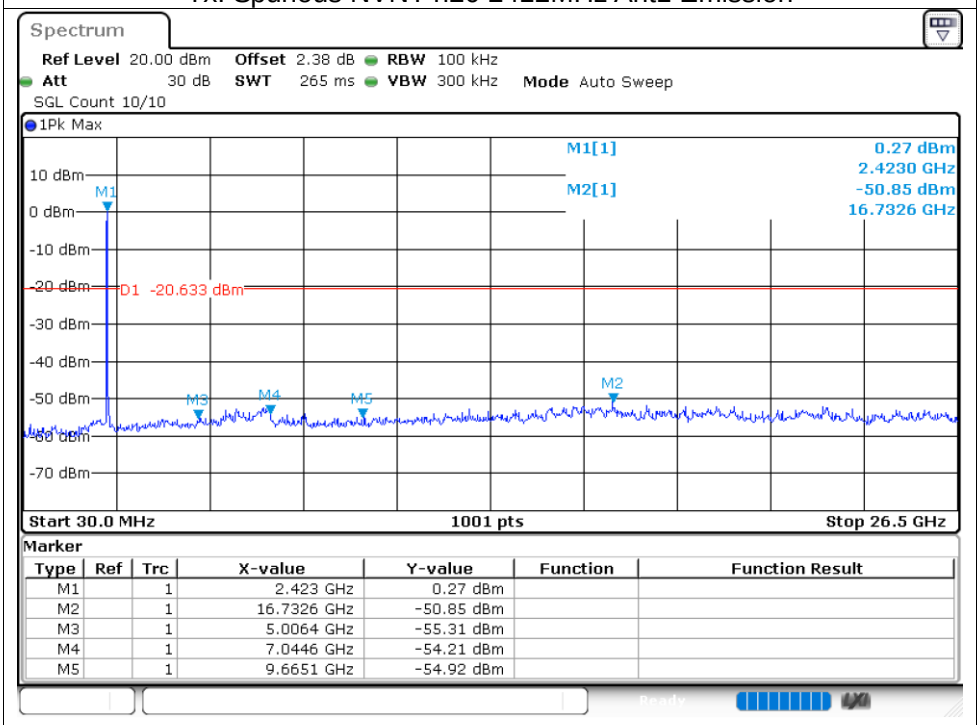
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.476 GHz	-0.12 dBm		
M2		1	15.7002 GHz	-50.82 dBm		
M3		1	4.9534 GHz	-54.89 dBm		
M4		1	7.3887 GHz	-55.07 dBm		
M5		1	9.9033 GHz	-54.26 dBm		

Tx. Spurious NVNT n20 2412MHz Ant1 Ref



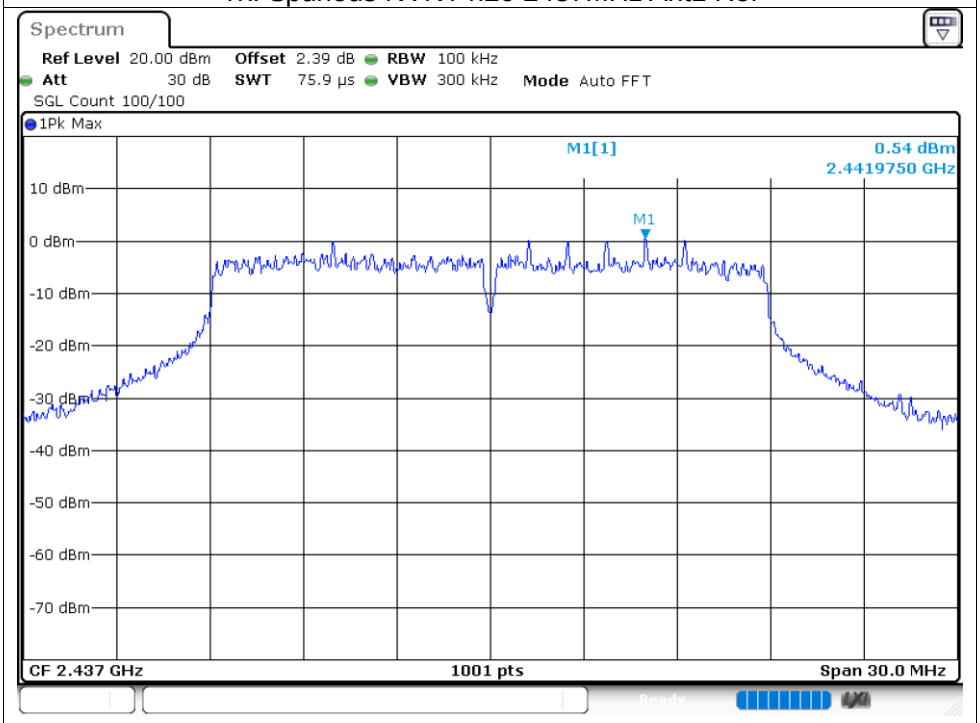
Tx. Spurious NVNT n20 2412MHz Ant1 Emission



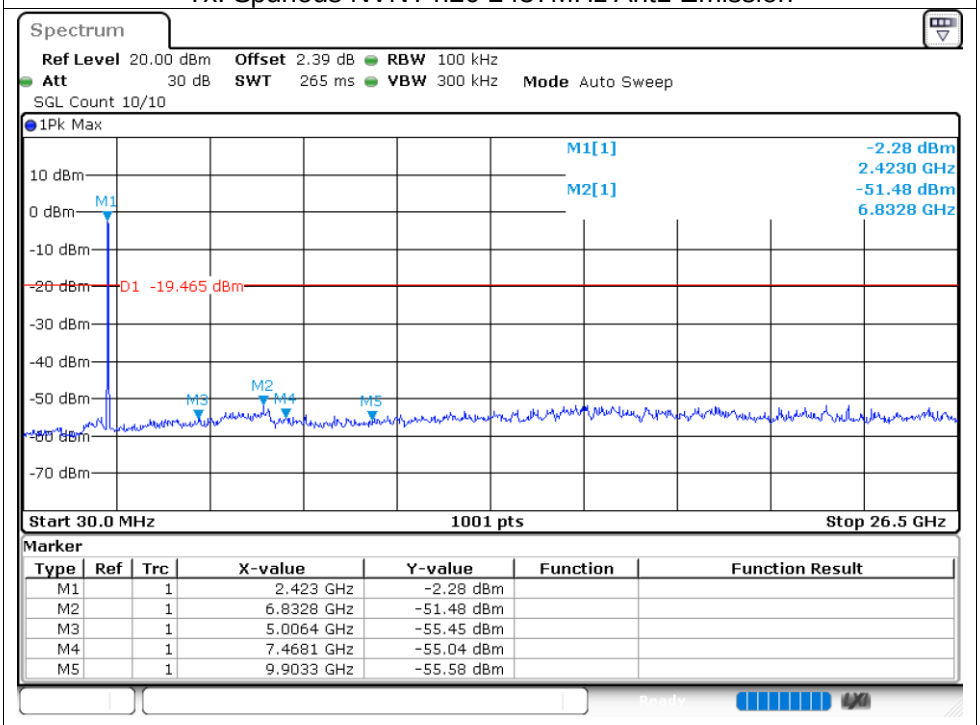
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	0.27 dBm		
M2		1	16.7326 GHz	-50.85 dBm		
M3		1	5.0064 GHz	-55.31 dBm		
M4		1	7.0446 GHz	-54.21 dBm		
M5		1	9.6651 GHz	-54.92 dBm		

Tx. Spurious NVNT n20 2437MHz Ant1 Ref



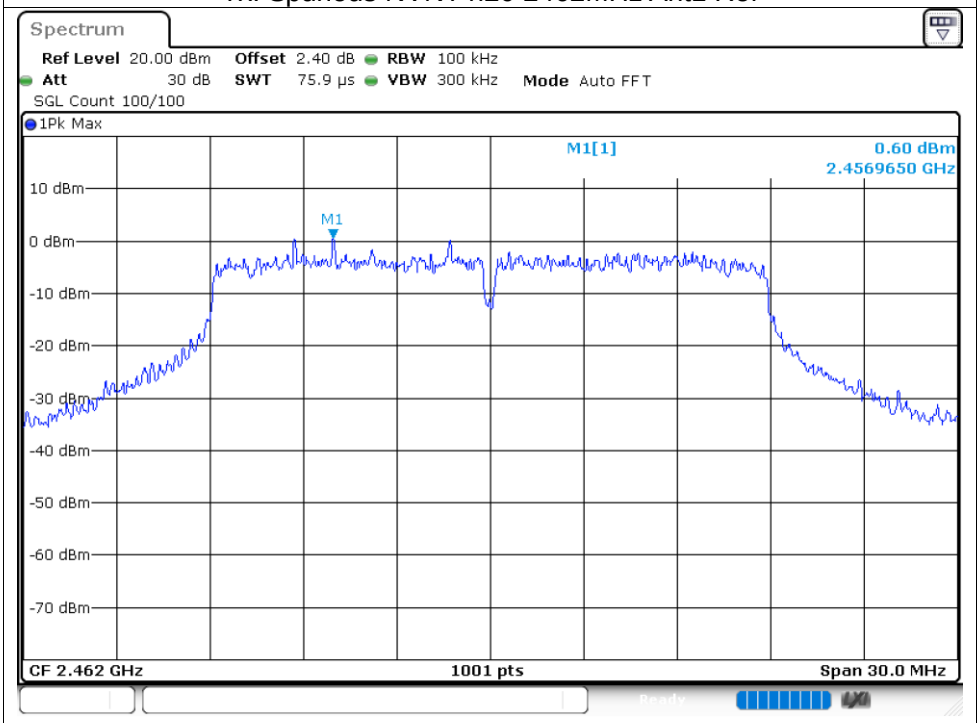
Tx. Spurious NVNT n20 2437MHz Ant1 Emission



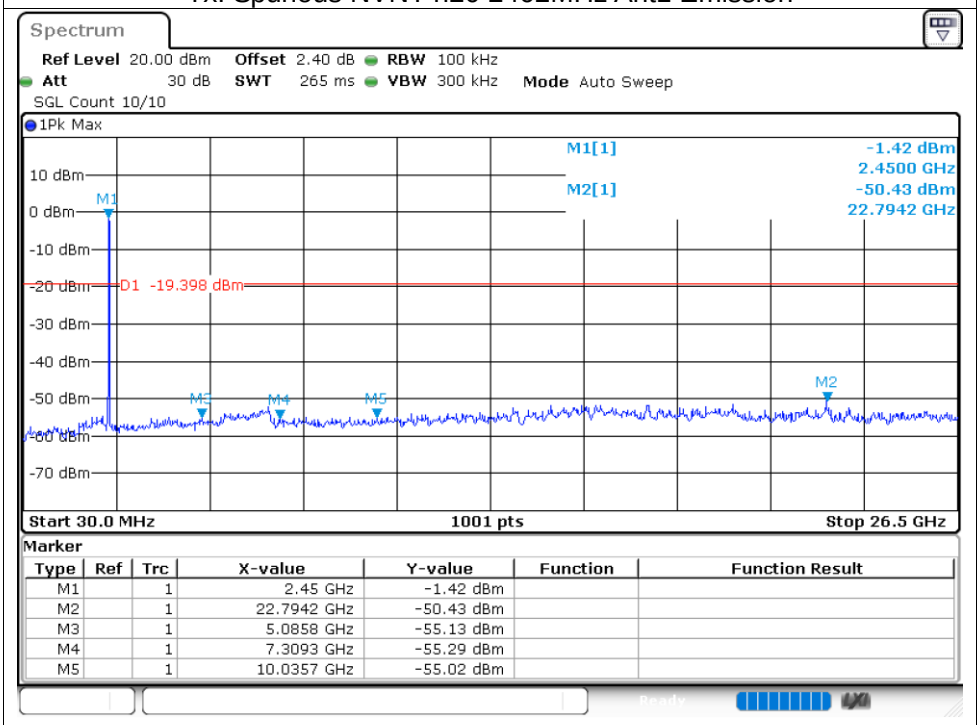
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-2.28 dBm		
M2		1	6.8328 GHz	-51.48 dBm		
M3		1	5.0064 GHz	-55.45 dBm		
M4		1	7.4681 GHz	-55.04 dBm		
M5		1	9.9033 GHz	-55.58 dBm		

Tx. Spurious NVNT n20 2462MHz Ant1 Ref



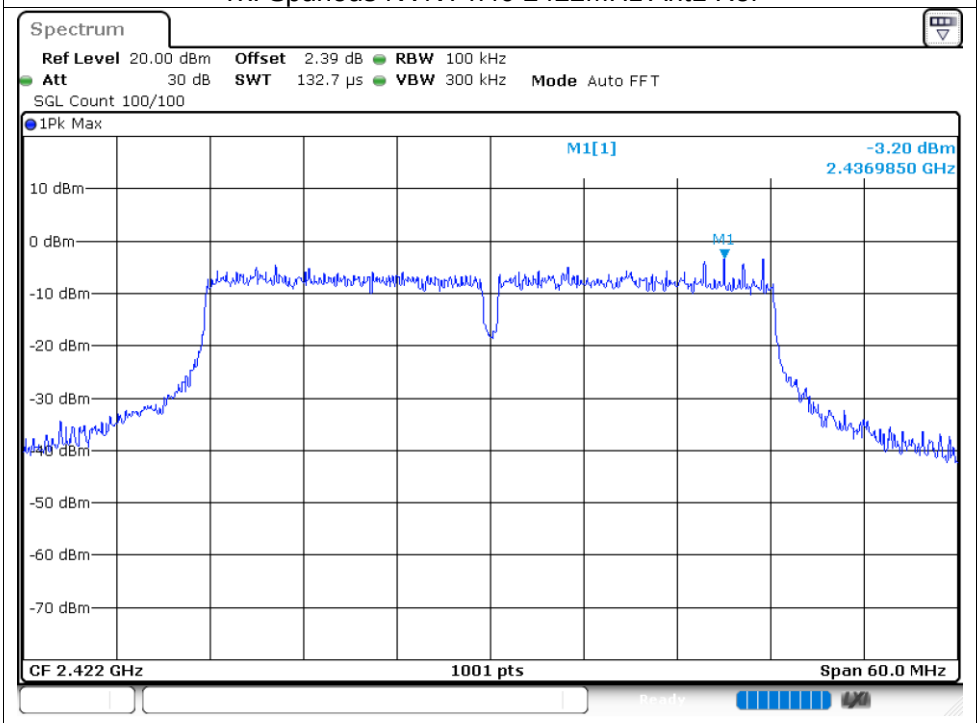
Tx. Spurious NVNT n20 2462MHz Ant1 Emission



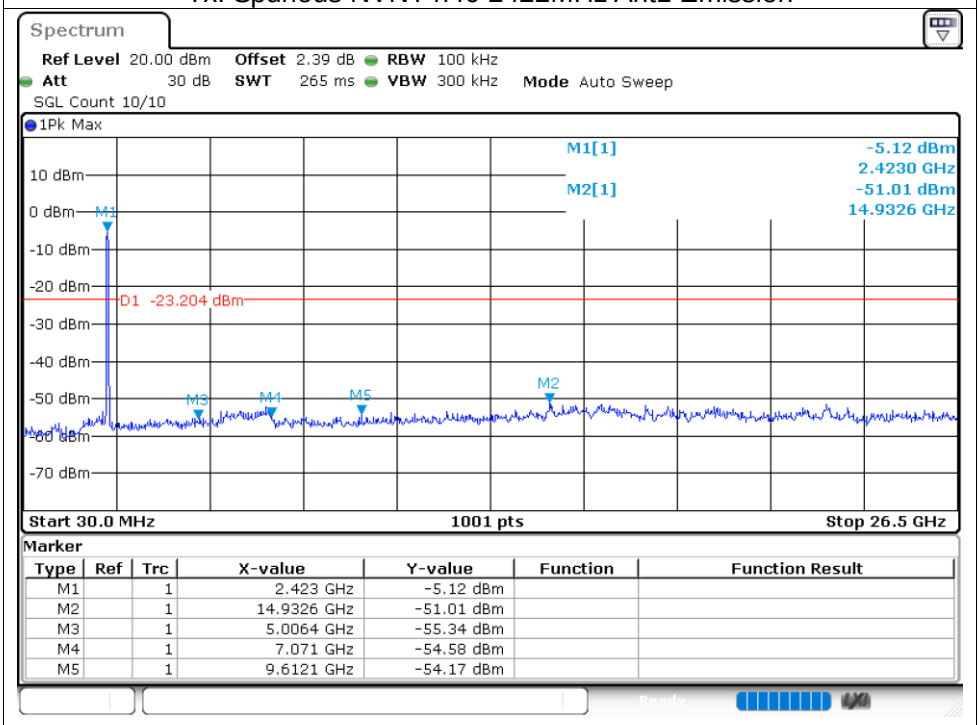
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-1.42 dBm		
M2		1	22.7942 GHz	-50.43 dBm		
M3		1	5.0858 GHz	-55.13 dBm		
M4		1	7.3093 GHz	-55.29 dBm		
M5		1	10.0357 GHz	-55.02 dBm		

Tx. Spurious NVNT n40 2422MHz Ant1 Ref



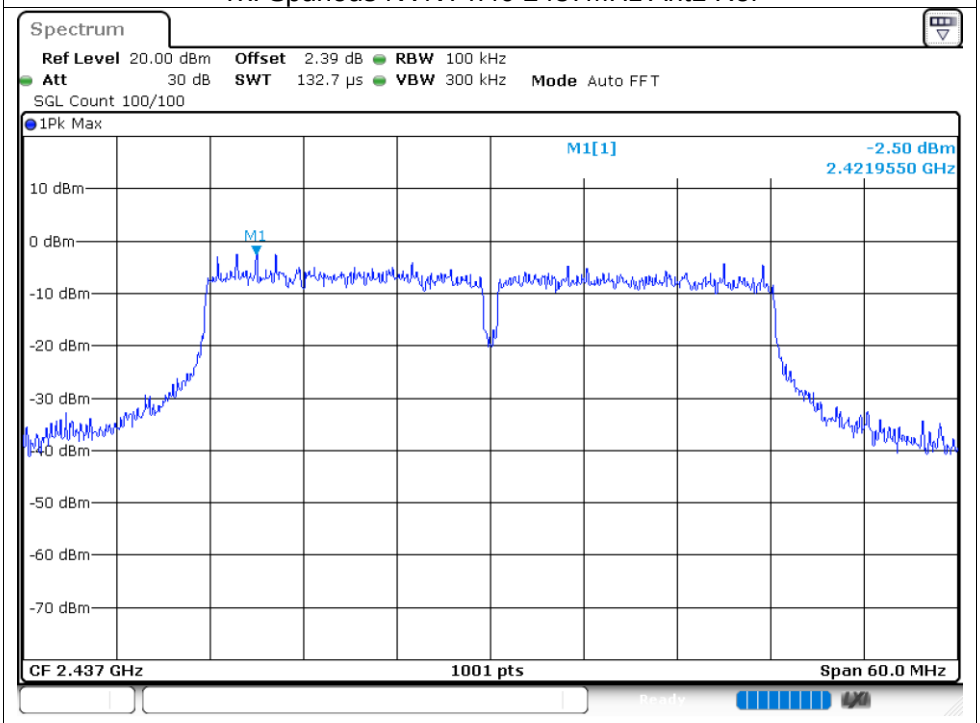
Tx. Spurious NVNT n40 2422MHz Ant1 Emission



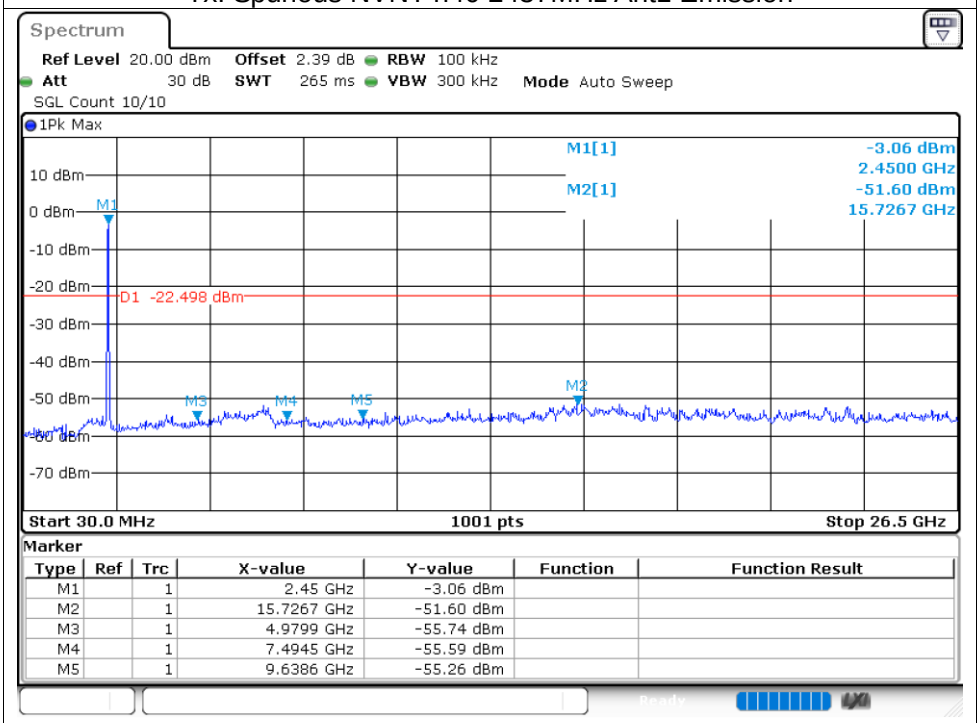
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-5.12 dBm		
M2		1	14.9326 GHz	-51.01 dBm		
M3		1	5.0064 GHz	-55.34 dBm		
M4		1	7.071 GHz	-54.58 dBm		
M5		1	9.6121 GHz	-54.17 dBm		

Tx. Spurious NVNT n40 2437MHz Ant1 Ref



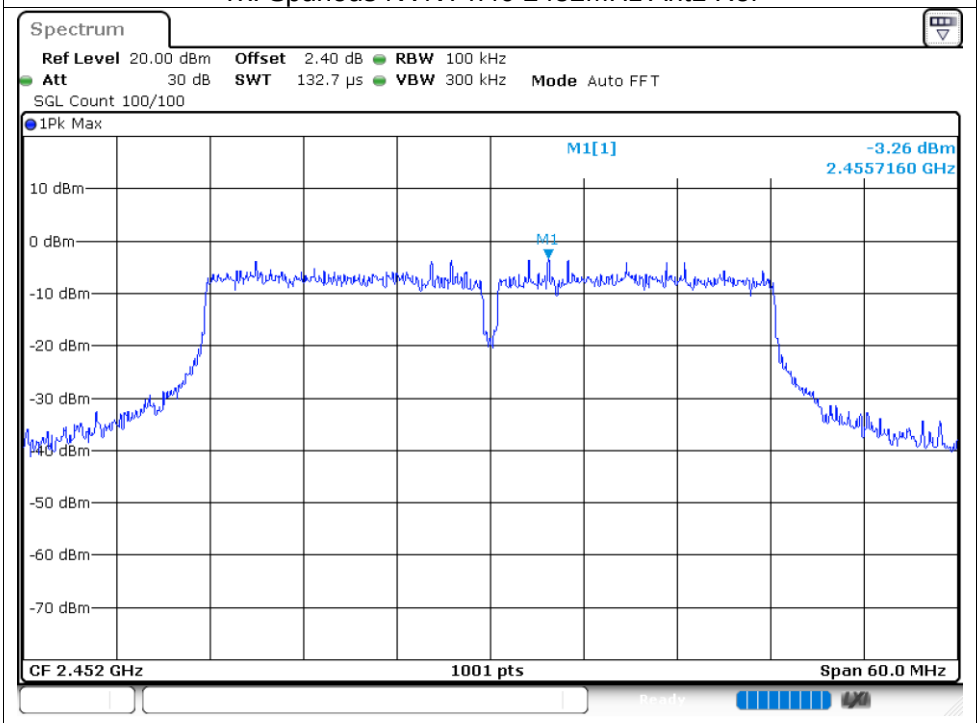
Tx. Spurious NVNT n40 2437MHz Ant1 Emission



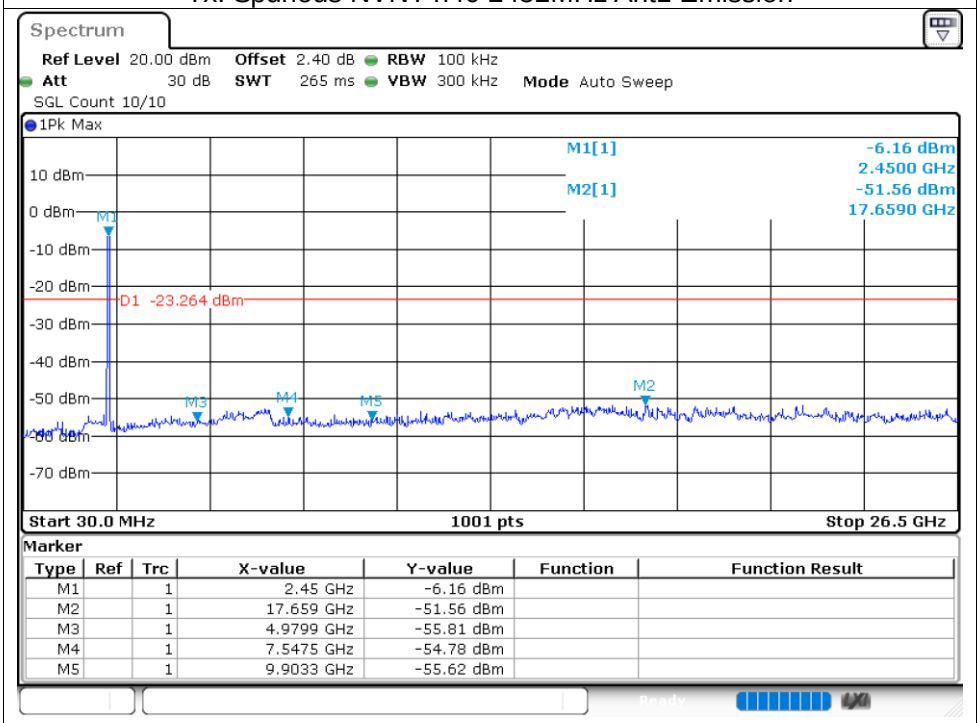
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-3.06 dBm		
M2		1	15.7267 GHz	-51.60 dBm		
M3		1	4.9799 GHz	-55.74 dBm		
M4		1	7.4945 GHz	-55.59 dBm		
M5		1	9.6386 GHz	-55.26 dBm		

Tx. Spurious NVNT n40 2452MHz Ant1 Ref



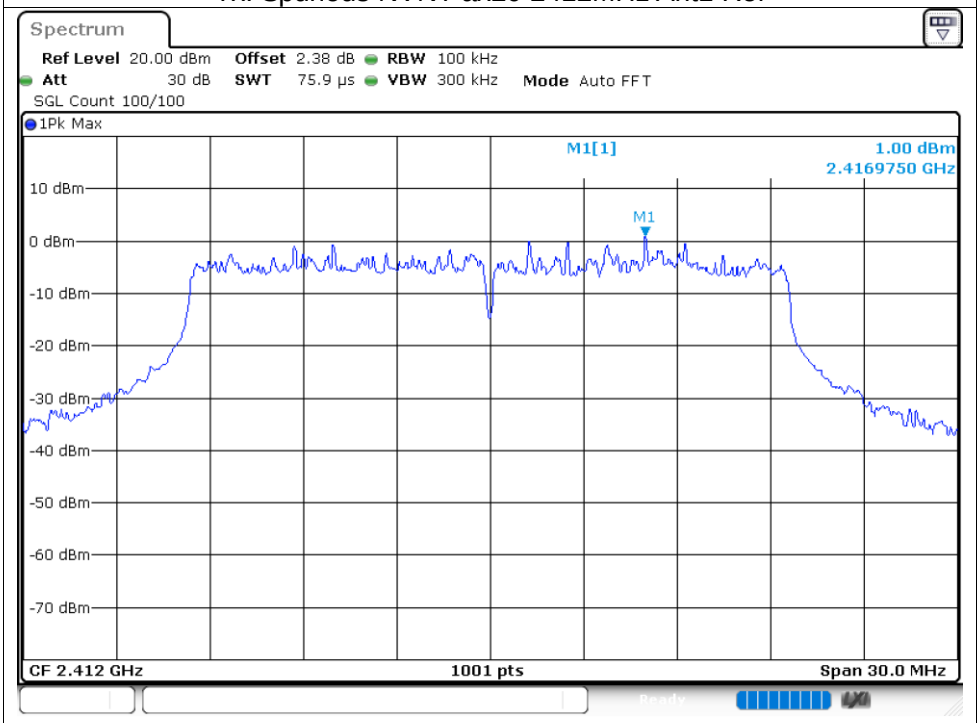
Tx. Spurious NVNT n40 2452MHz Ant1 Emission



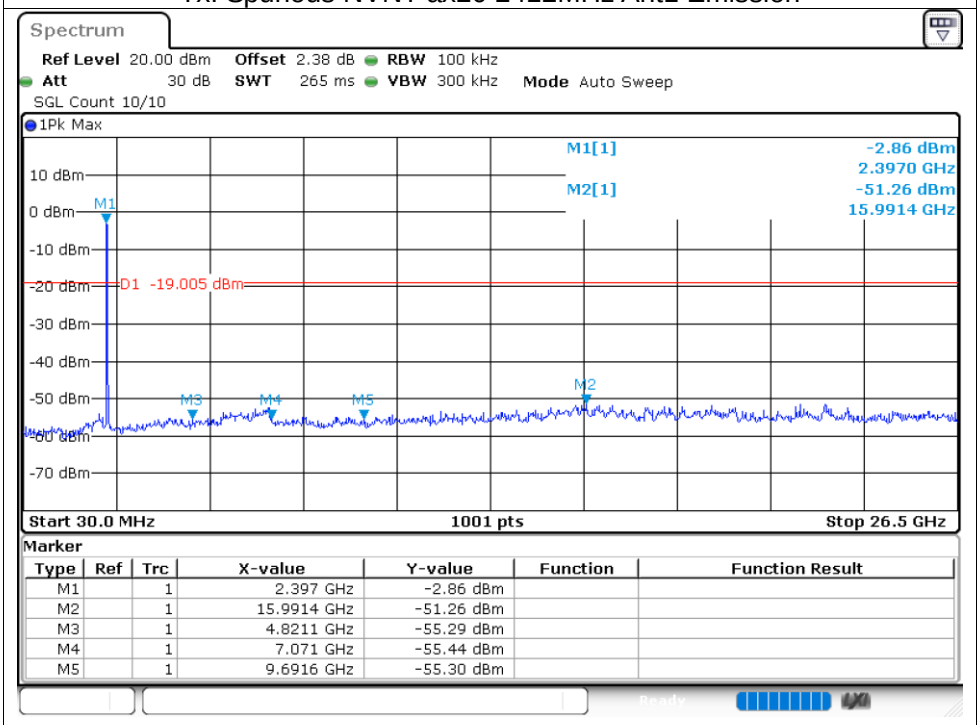
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-6.16 dBm		
M2		1	17.659 GHz	-51.56 dBm		
M3		1	4.9799 GHz	-55.81 dBm		
M4		1	7.5475 GHz	-54.78 dBm		
M5		1	9.9033 GHz	-55.62 dBm		

Tx. Spurious NVNT ax20 2412MHz Ant1 Ref



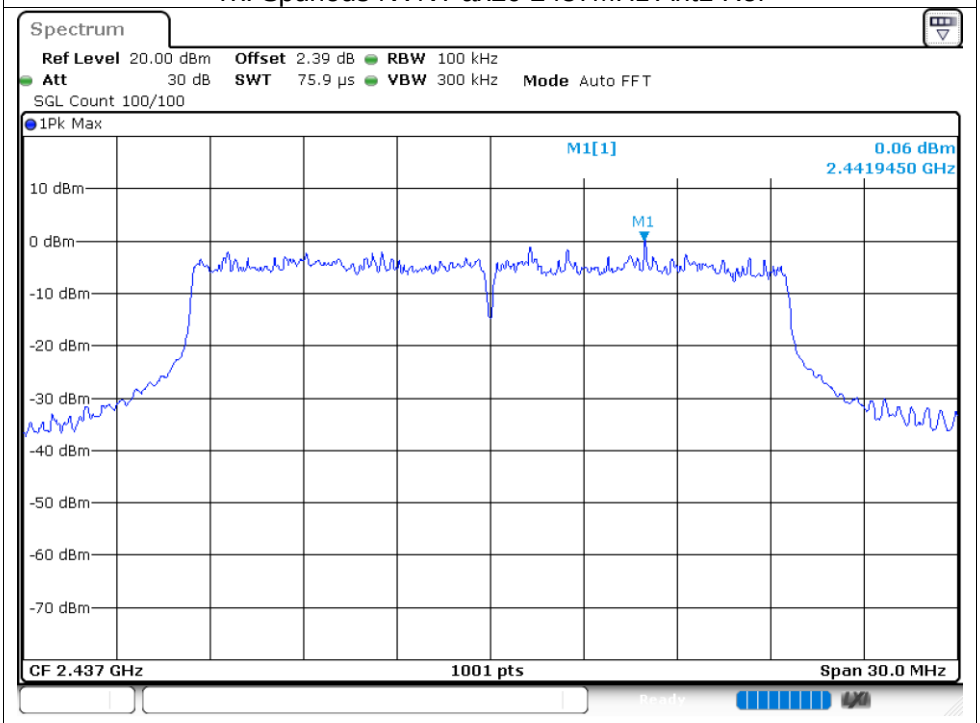
Tx. Spurious NVNT ax20 2412MHz Ant1 Emission



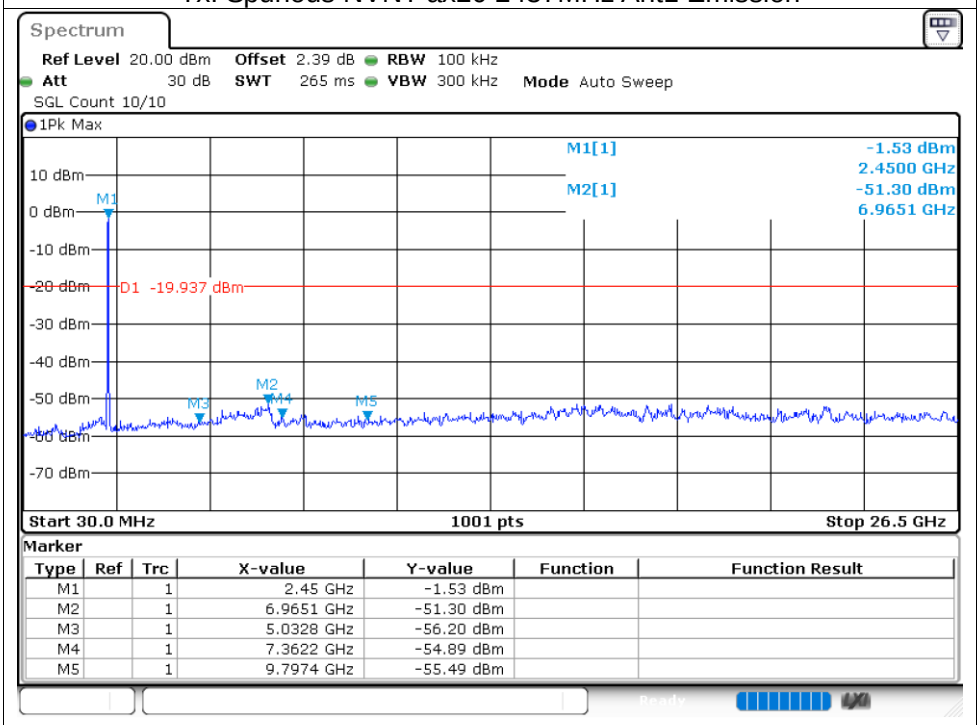
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.397 GHz	-2.86 dBm		
M2		1	15.9914 GHz	-51.26 dBm		
M3		1	4.8211 GHz	-55.29 dBm		
M4		1	7.071 GHz	-55.44 dBm		
M5		1	9.6916 GHz	-55.30 dBm		

Tx. Spurious NVNT ax20 2437MHz Ant1 Ref



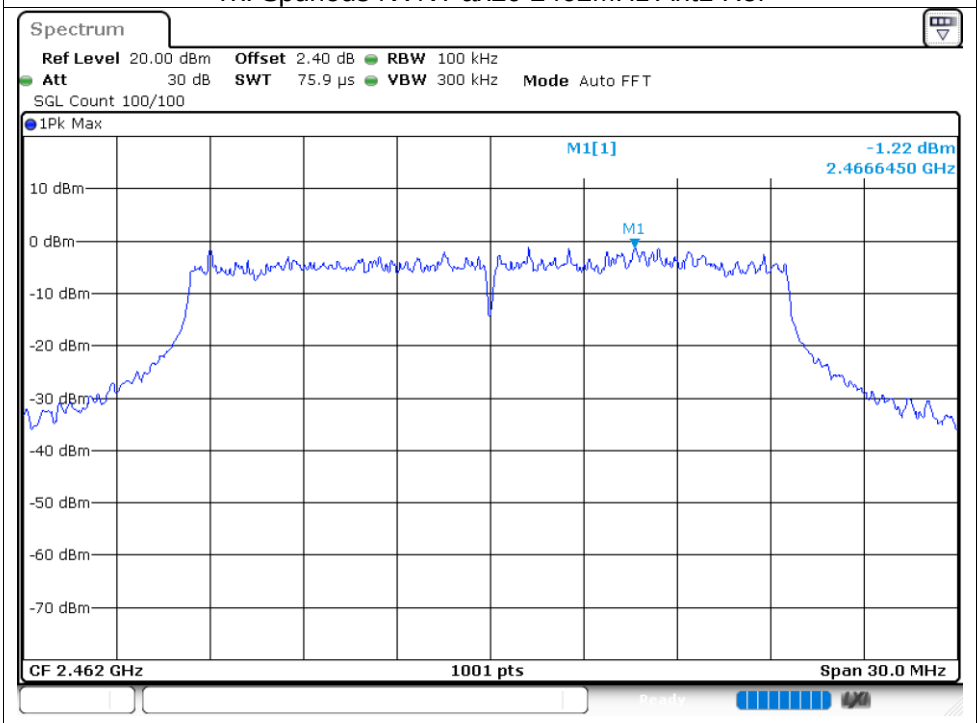
Tx. Spurious NVNT ax20 2437MHz Ant1 Emission



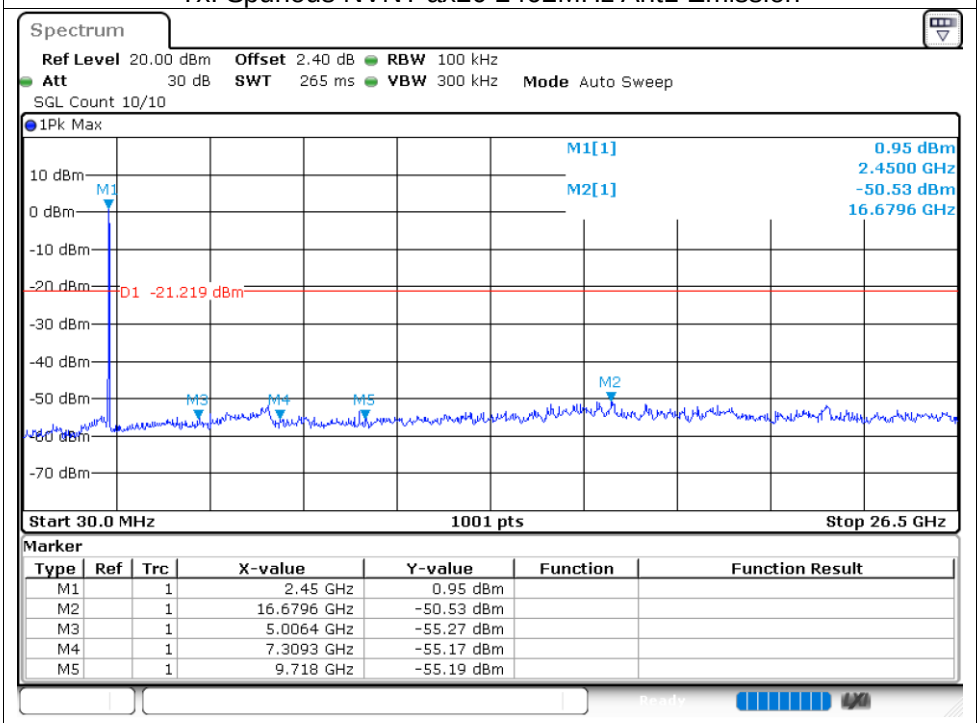
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-1.53 dBm		
M2		1	6.9651 GHz	-51.30 dBm		
M3		1	5.0328 GHz	-56.20 dBm		
M4		1	7.3622 GHz	-54.89 dBm		
M5		1	9.7974 GHz	-55.49 dBm		

Tx. Spurious NVNT ax20 2462MHz Ant1 Ref



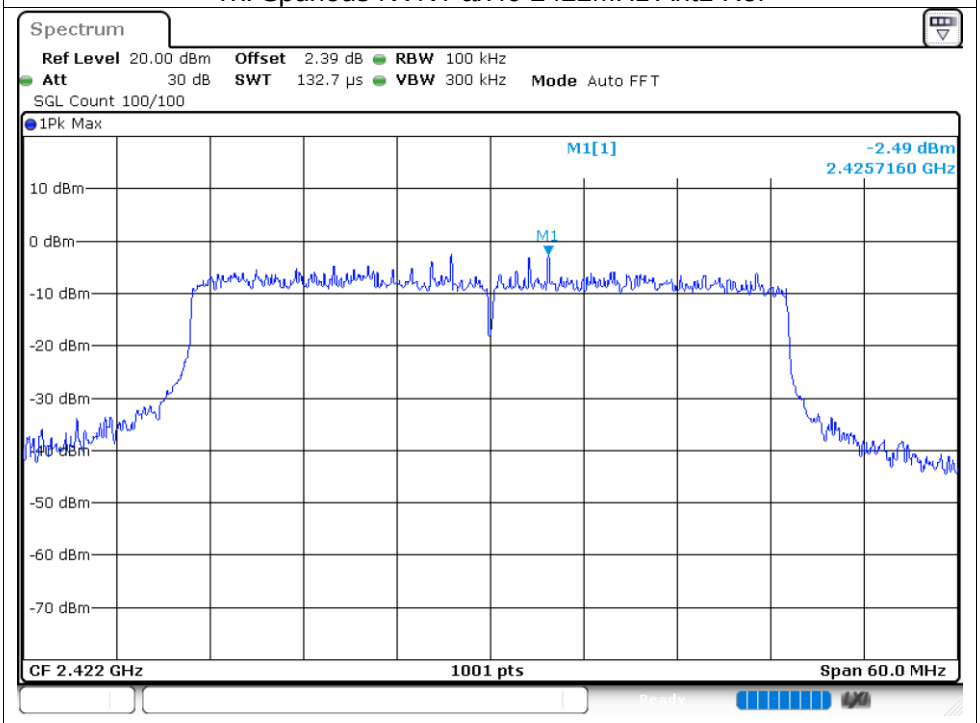
Tx. Spurious NVNT ax20 2462MHz Ant1 Emission



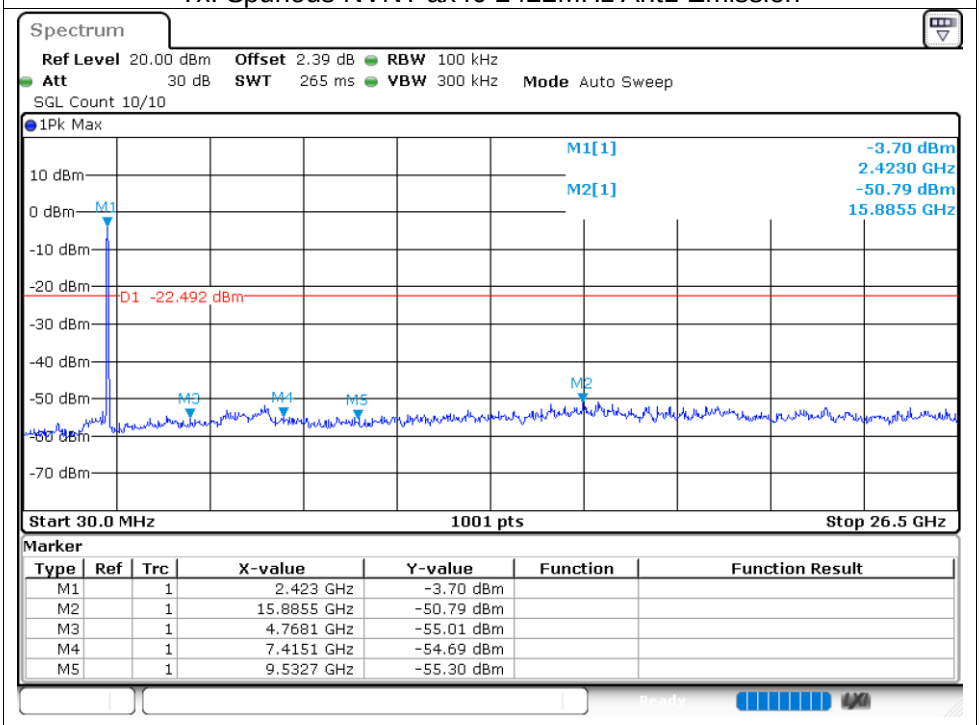
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	0.95 dBm		
M2		1	16.6796 GHz	-50.53 dBm		
M3		1	5.0064 GHz	-55.27 dBm		
M4		1	7.3093 GHz	-55.17 dBm		
M5		1	9.718 GHz	-55.19 dBm		

Tx. Spurious NVNT ax40 2422MHz Ant1 Ref



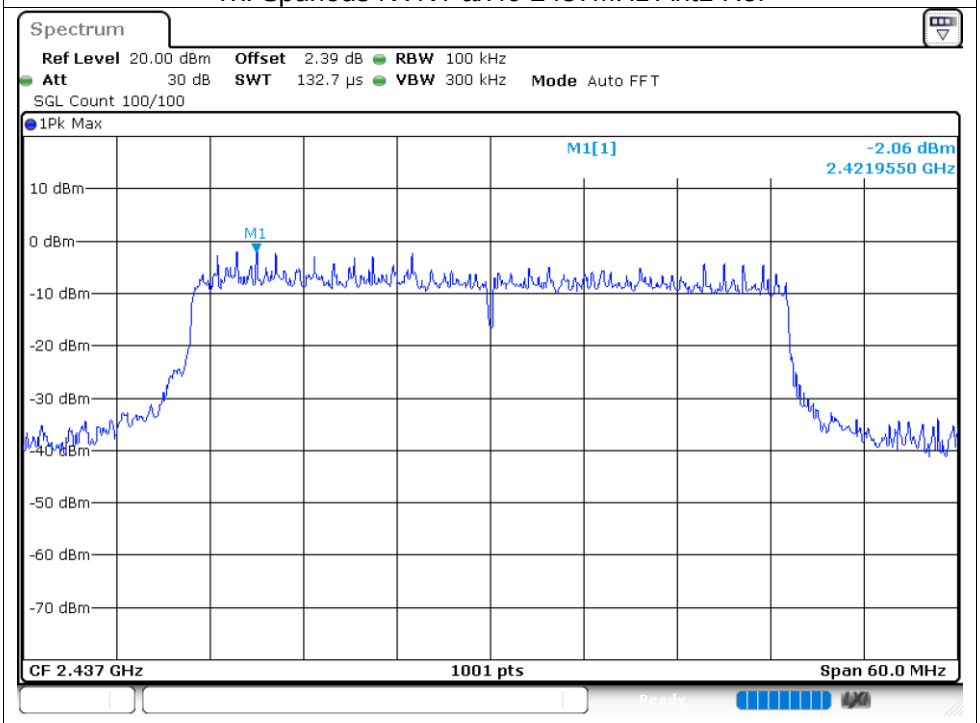
Tx. Spurious NVNT ax40 2422MHz Ant1 Emission



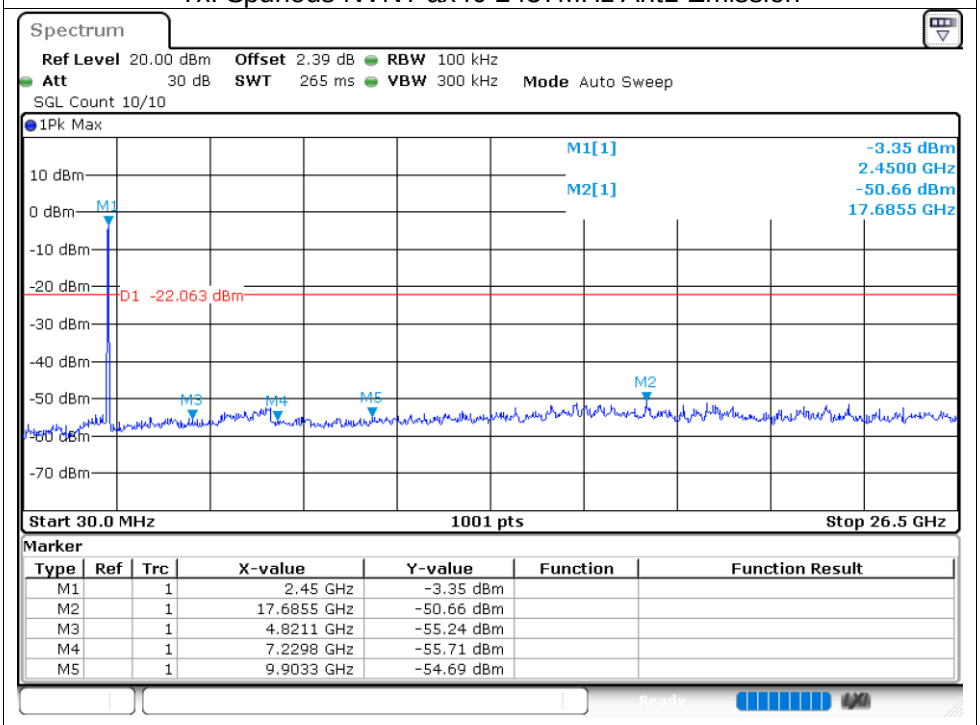
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-3.70 dBm		
M2		1	15.8855 GHz	-50.79 dBm		
M3		1	4.7681 GHz	-55.01 dBm		
M4		1	7.4151 GHz	-54.69 dBm		
M5		1	9.5327 GHz	-55.30 dBm		

Tx. Spurious NVNT ax40 2437MHz Ant1 Ref



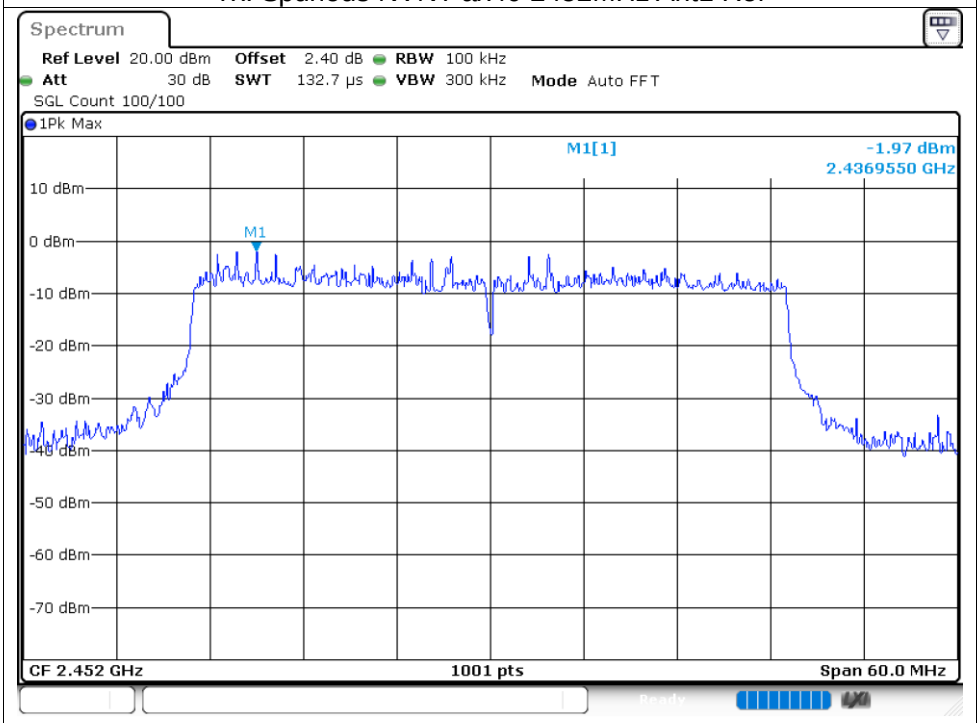
Tx. Spurious NVNT ax40 2437MHz Ant1 Emission



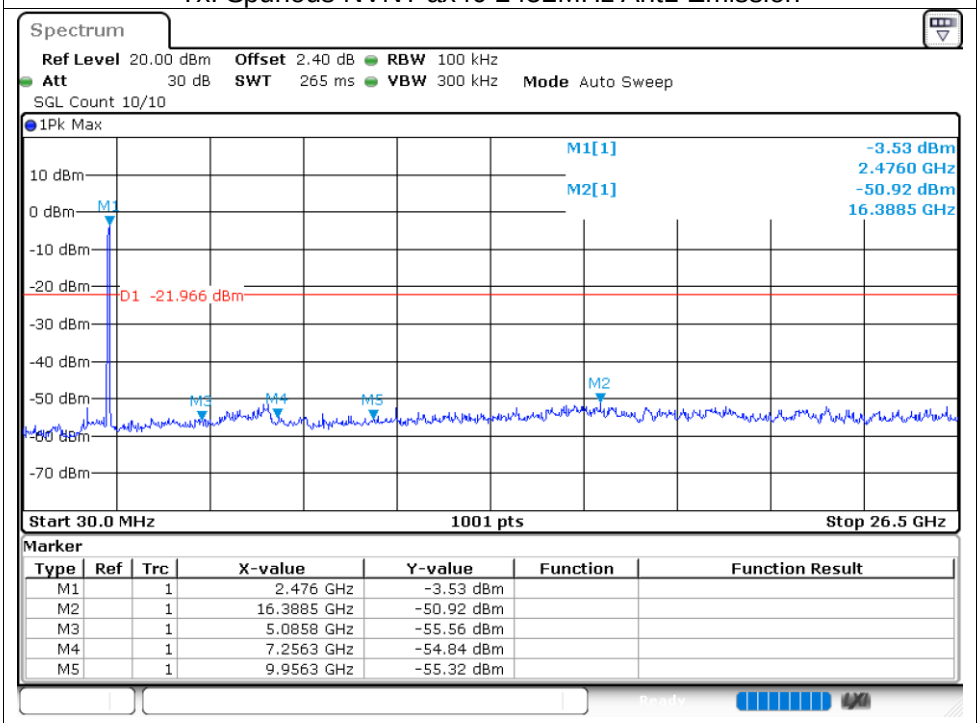
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-3.35 dBm		
M2		1	17.6855 GHz	-50.66 dBm		
M3		1	4.8211 GHz	-55.24 dBm		
M4		1	7.2298 GHz	-55.71 dBm		
M5		1	9.9033 GHz	-54.69 dBm		

Tx. Spurious NVNT ax40 2452MHz Ant1 Ref



Tx. Spurious NVNT ax40 2452MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.476 GHz	-3.53 dBm		
M2		1	16.3885 GHz	-50.92 dBm		
M3		1	5.0858 GHz	-55.56 dBm		
M4		1	7.2563 GHz	-54.84 dBm		
M5		1	9.9563 GHz	-55.32 dBm		

END OF REPORT