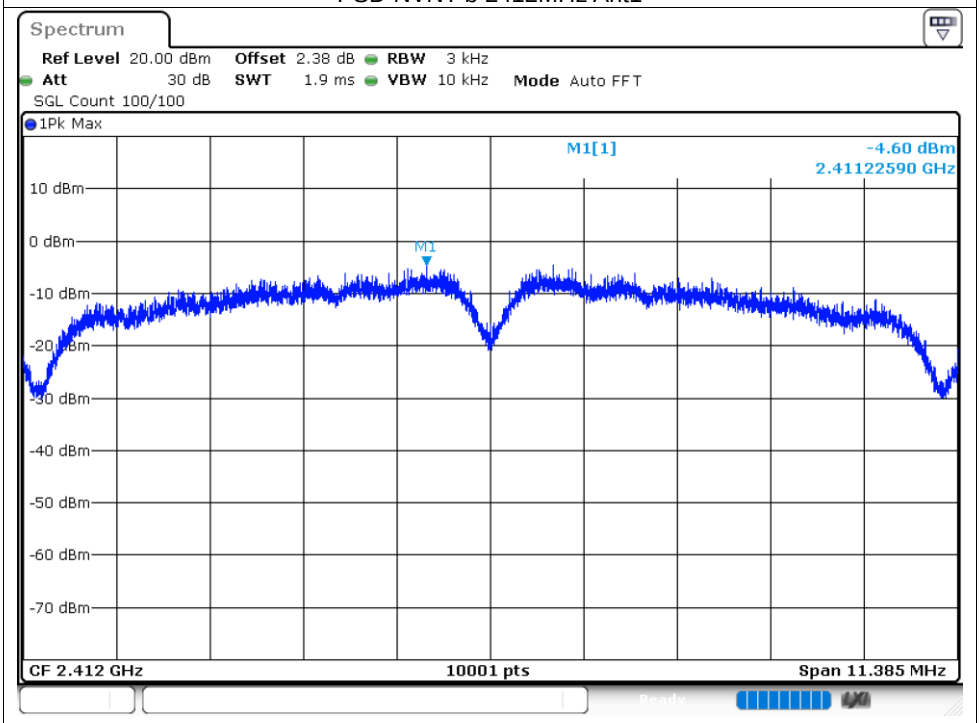
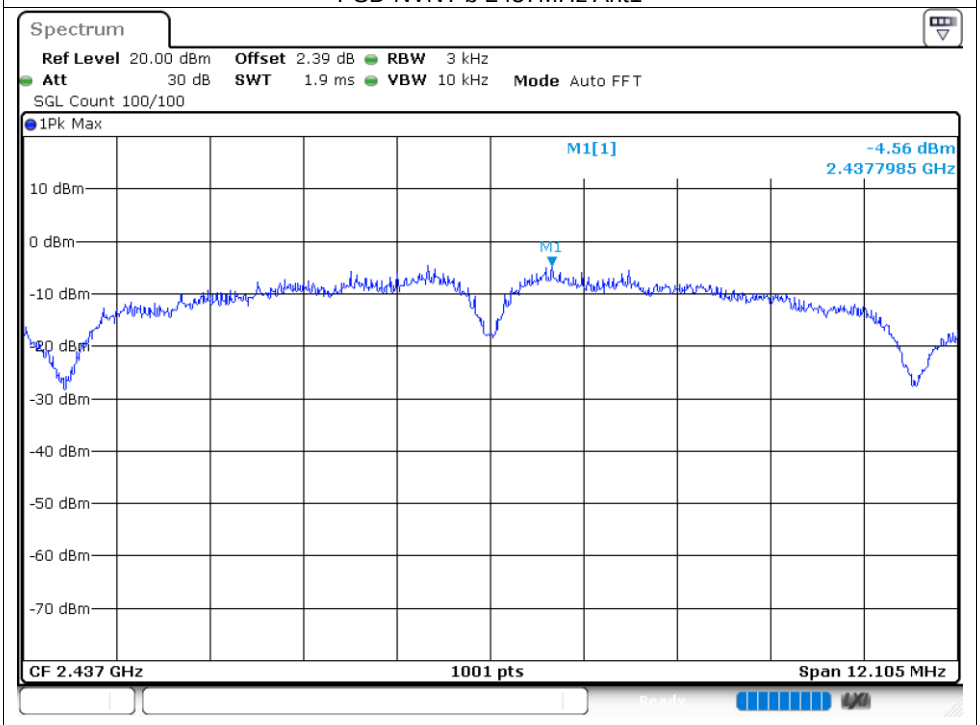
Test Graphs

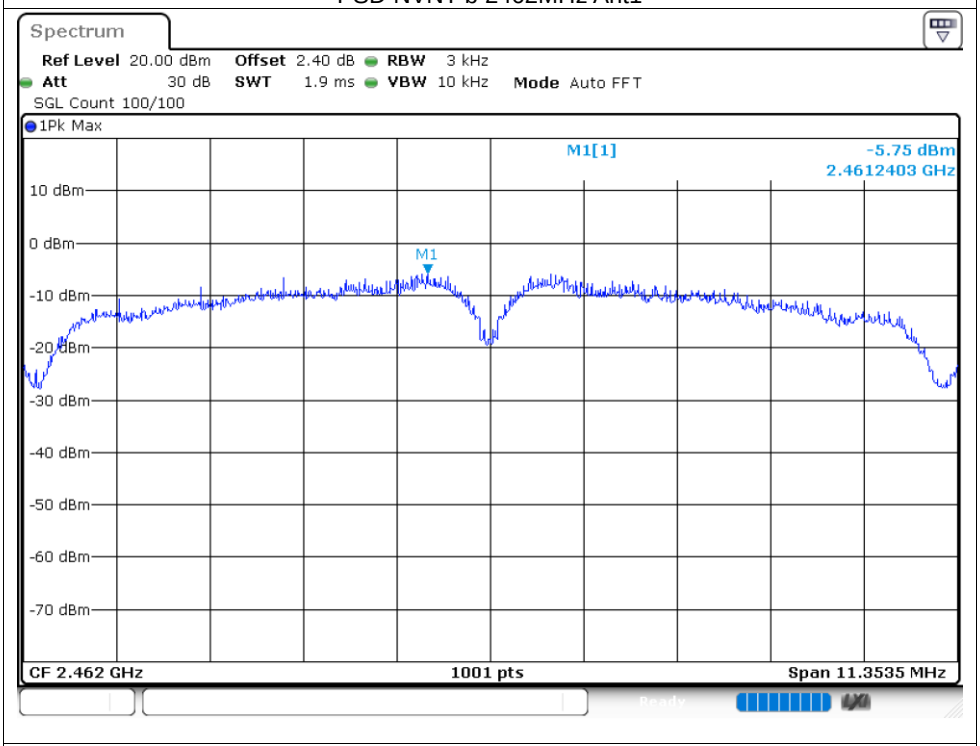
PSD NVNT b 2412MHz Ant1



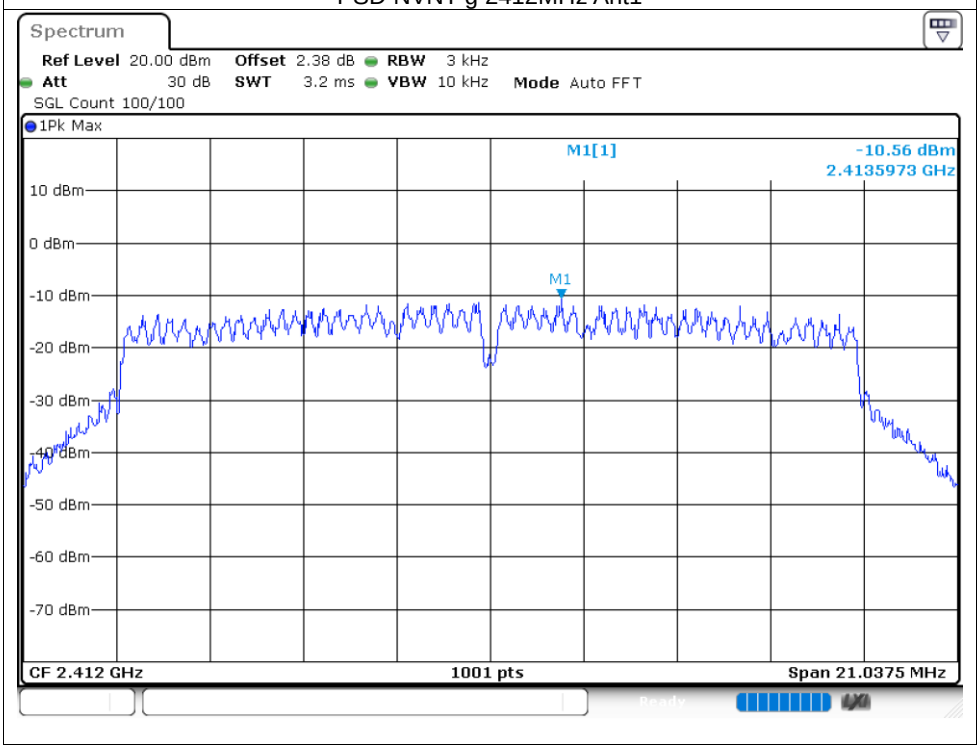
PSD NVNT b 2437MHz Ant1



PSD NVNT b 2462MHz Ant1



PSD NVNT g 2412MHz Ant1



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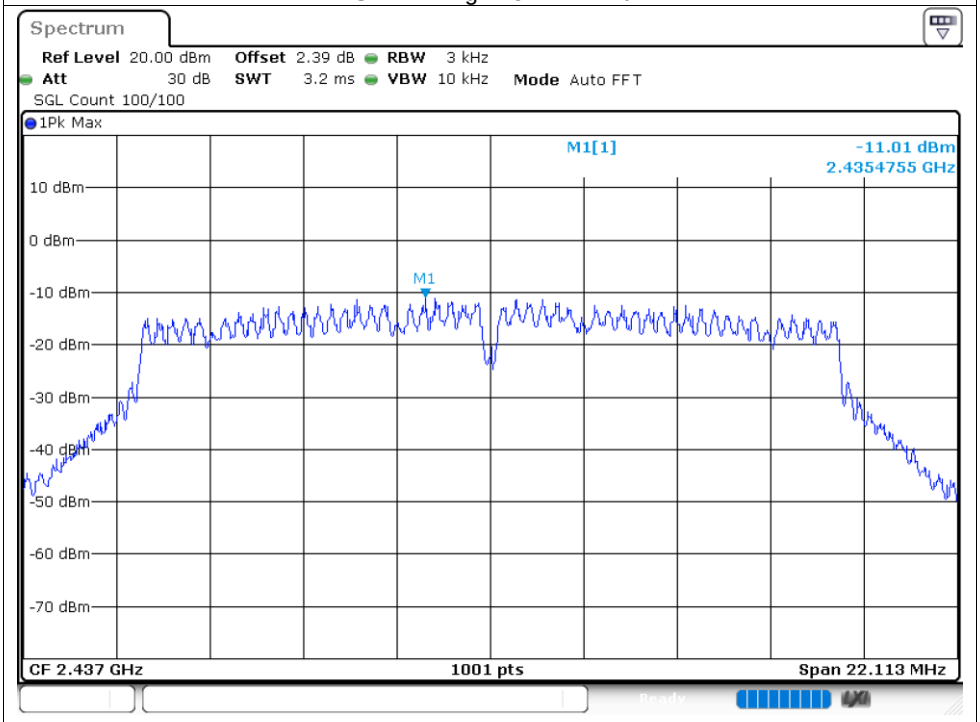
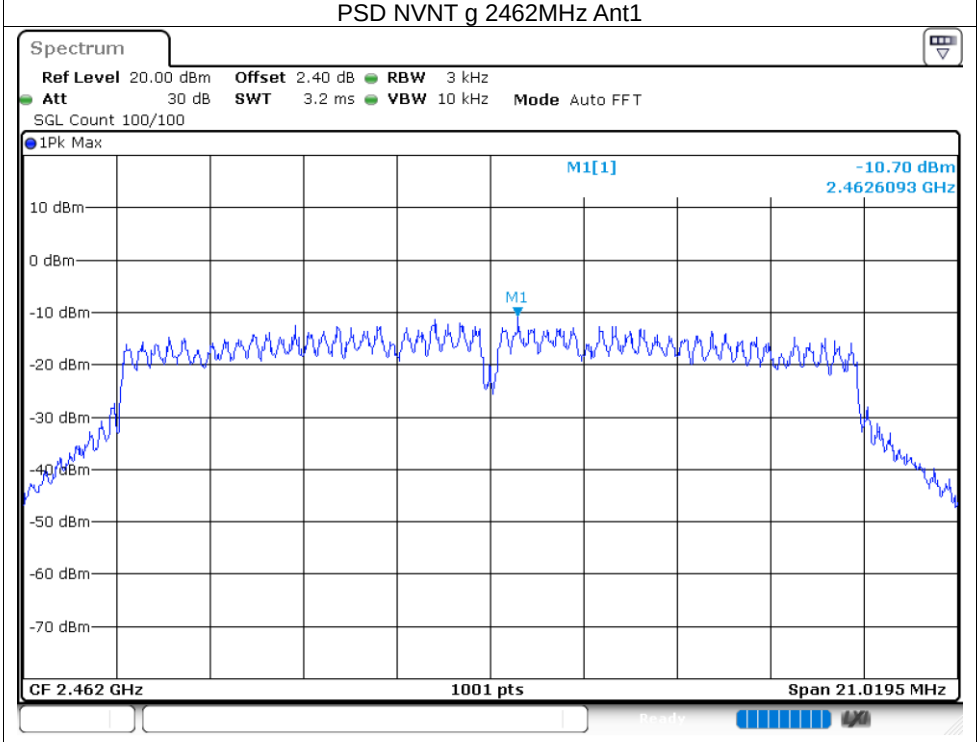
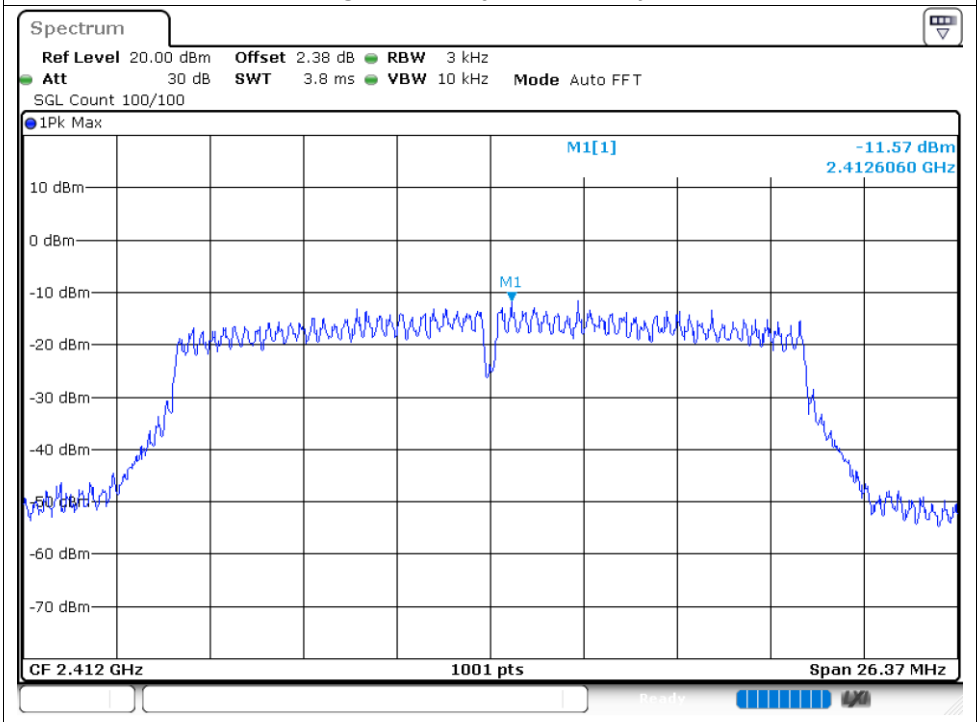


PSD NVNT g 2462MHz Ant1



PSD NVNT n20 2412MHz Ant1



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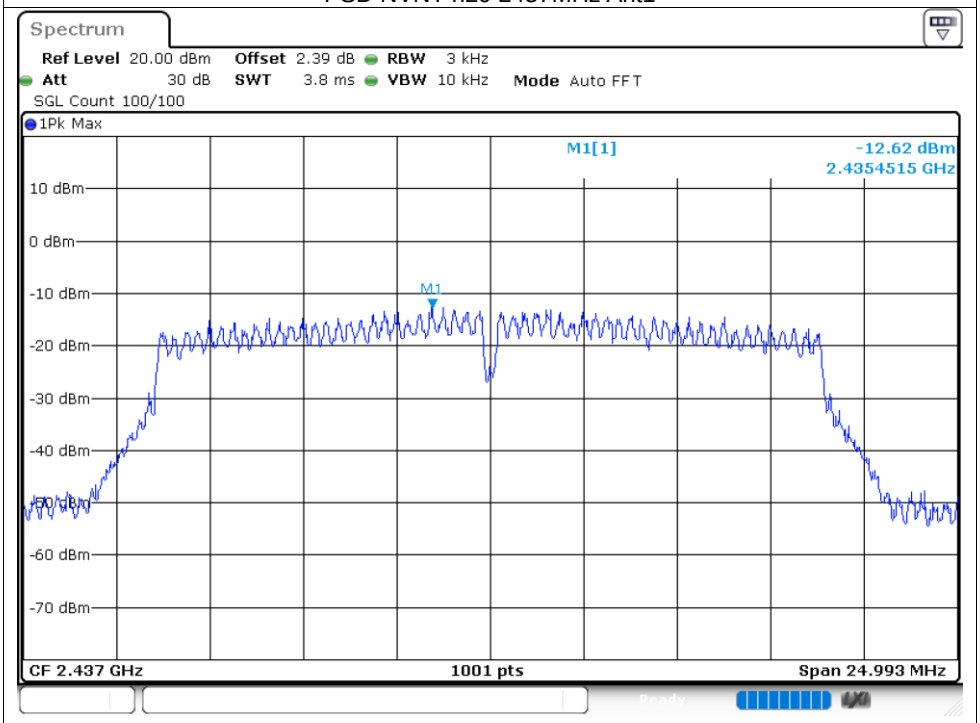
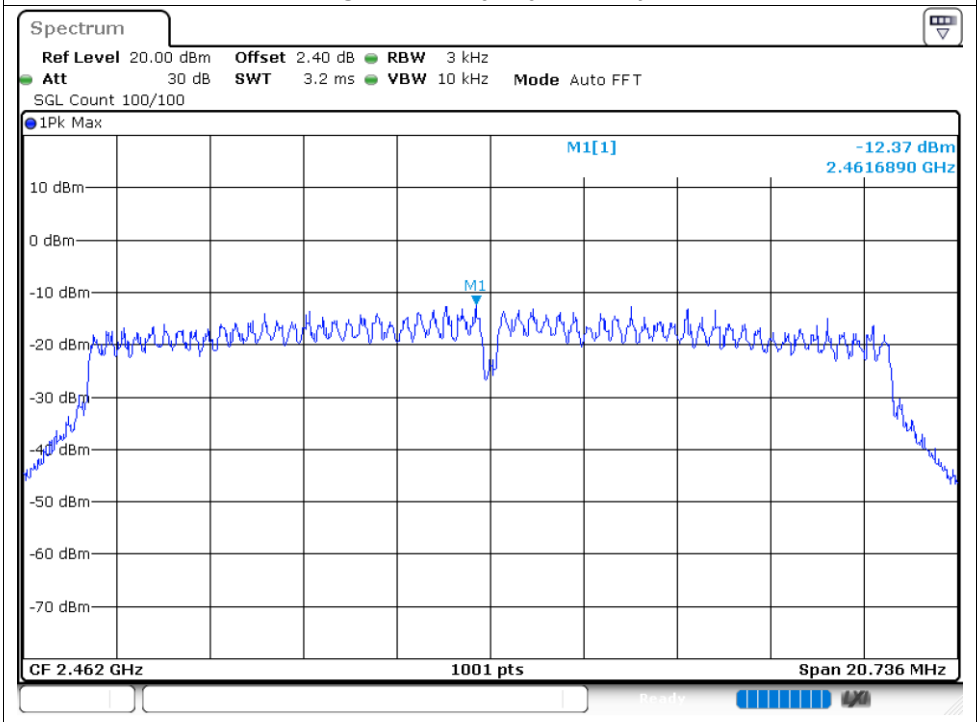
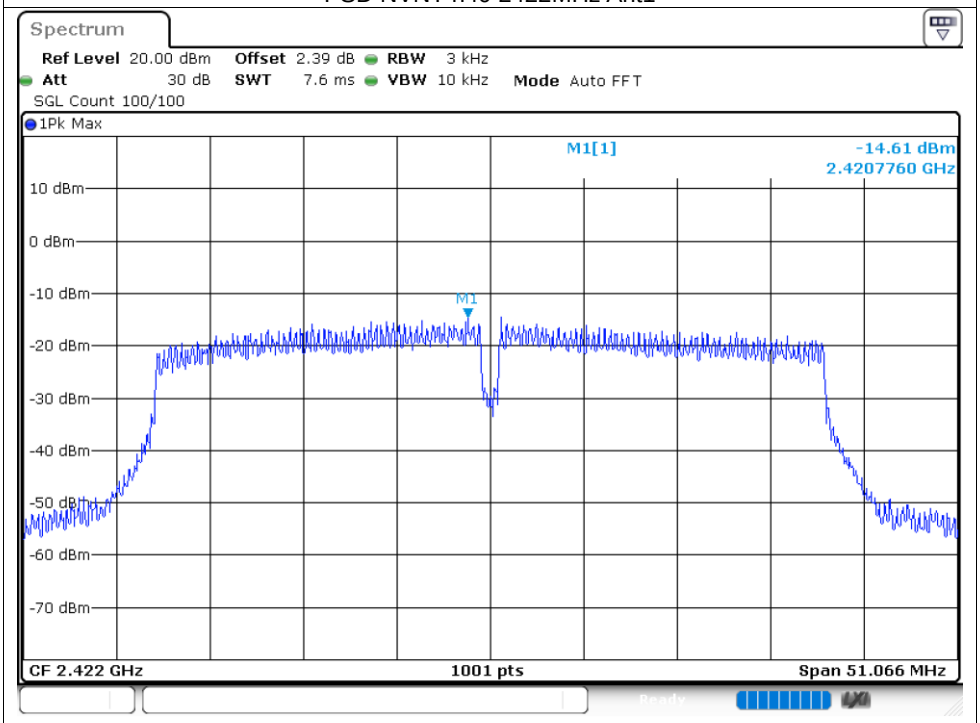


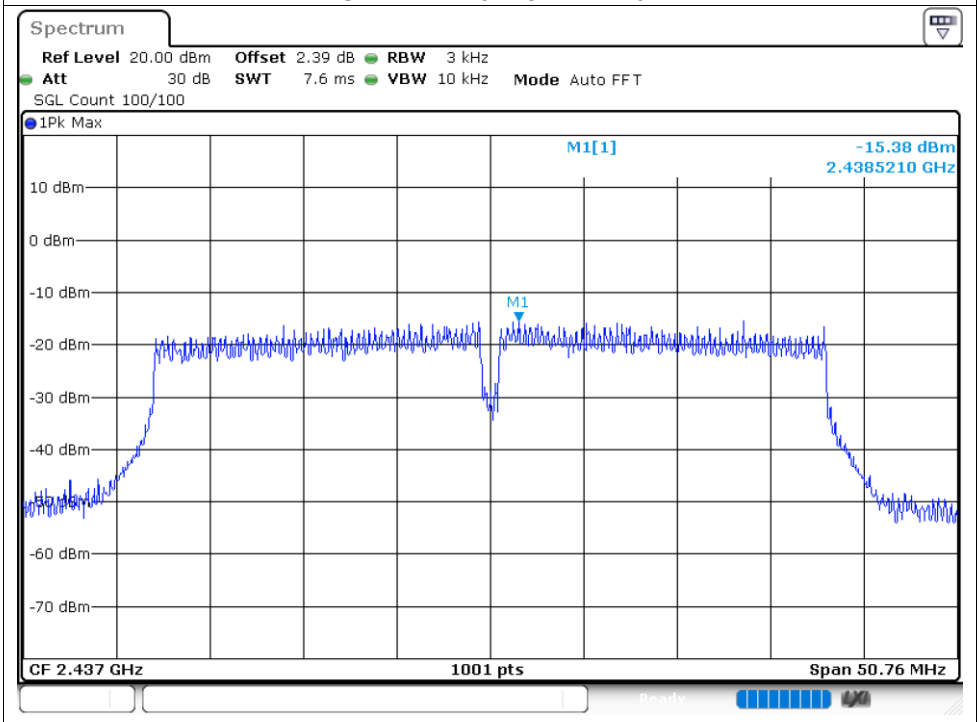
PSD NVNT n20 2462MHz Ant1



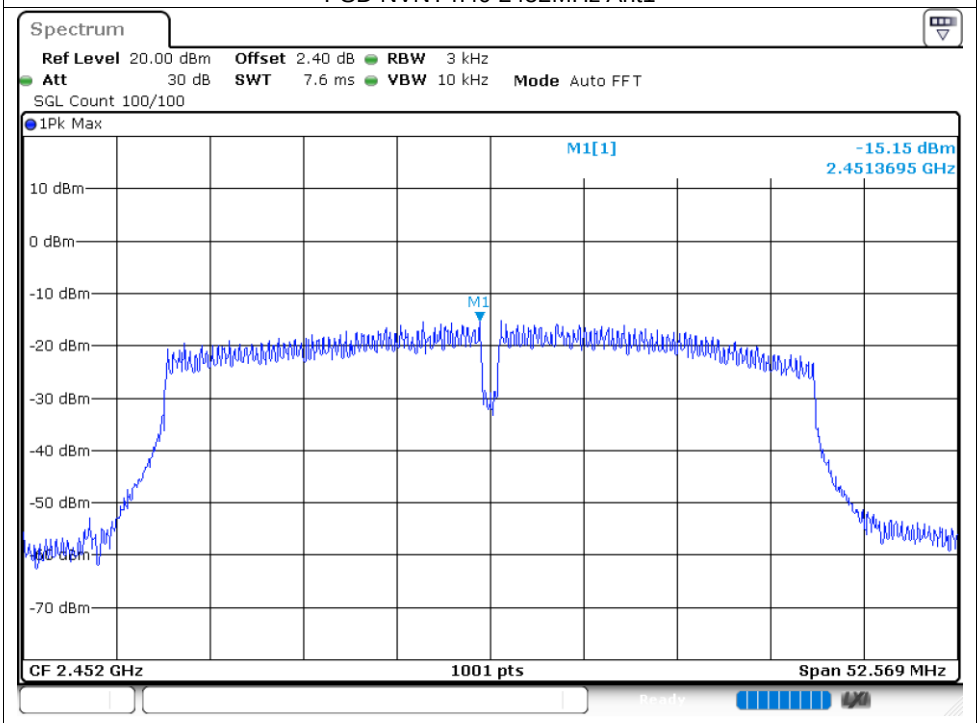
PSD NVNT n40 2422MHz Ant1



PSD NVNT n40 2437MHz Ant1



PSD NVNT n40 2452MHz Ant1

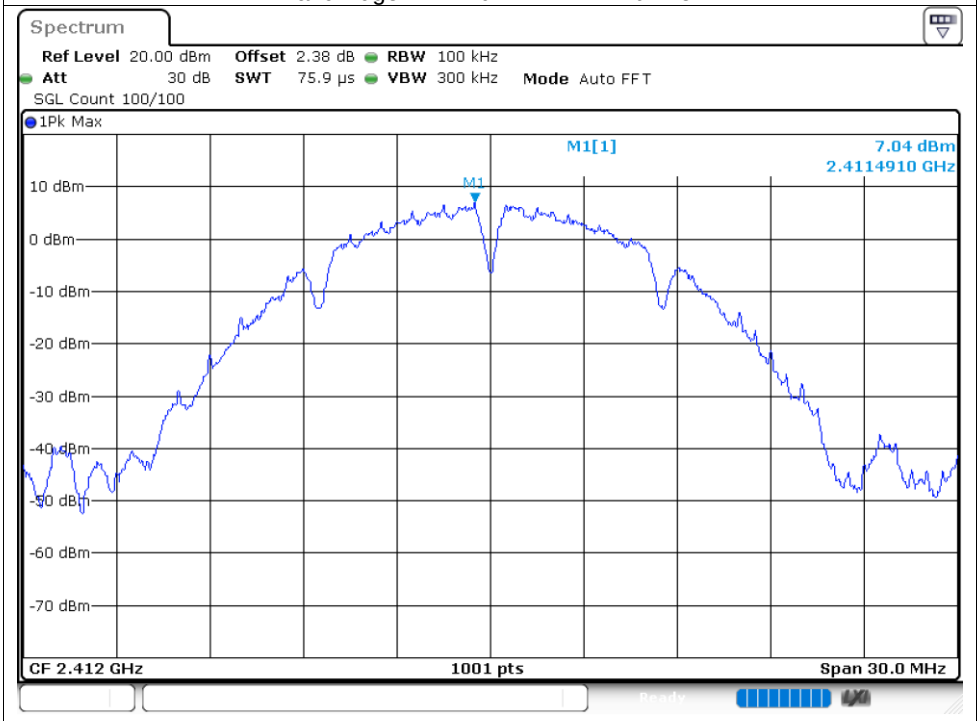


8.6 Band Edge

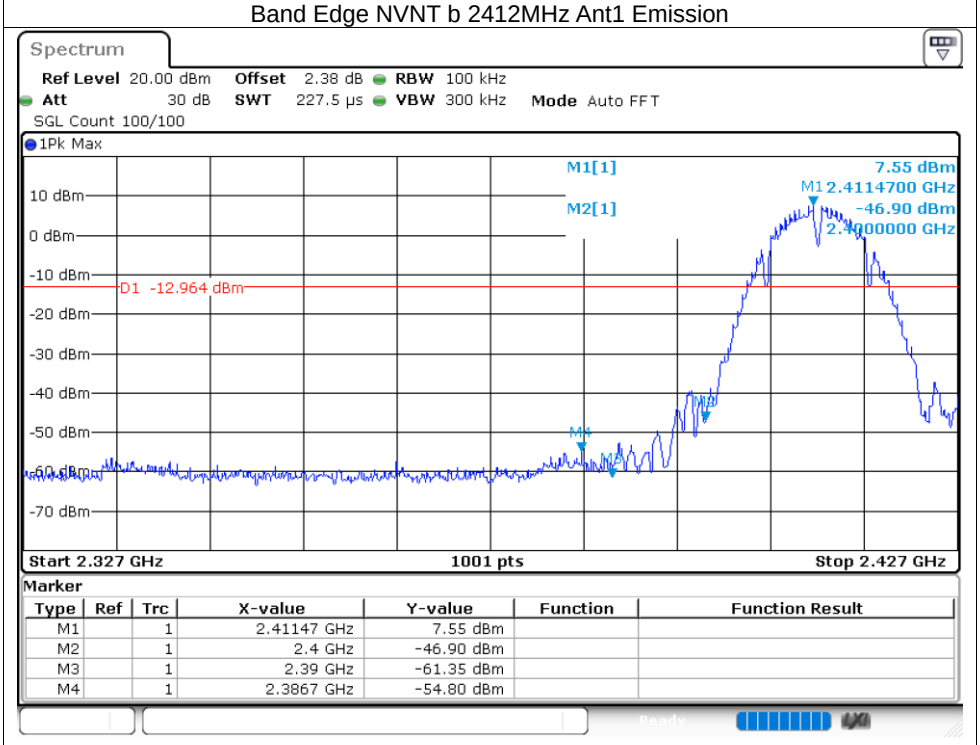
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-61.83	-20	Pass
NVNT	b	2462	Ant1	-50.68	-20	Pass
NVNT	g	2412	Ant1	-64.22	-20	Pass
NVNT	g	2462	Ant1	-43.97	-20	Pass
NVNT	n20	2412	Ant1	-47.63	-20	Pass
NVNT	n20	2462	Ant1	-45.88	-20	Pass
NVNT	n40	2422	Ant1	-38.14	-20	Pass
NVNT	n40	2452	Ant1	-36.67	-20	Pass

Test Graphs

Band Edge NVNT b 2412MHz Ant1 Ref



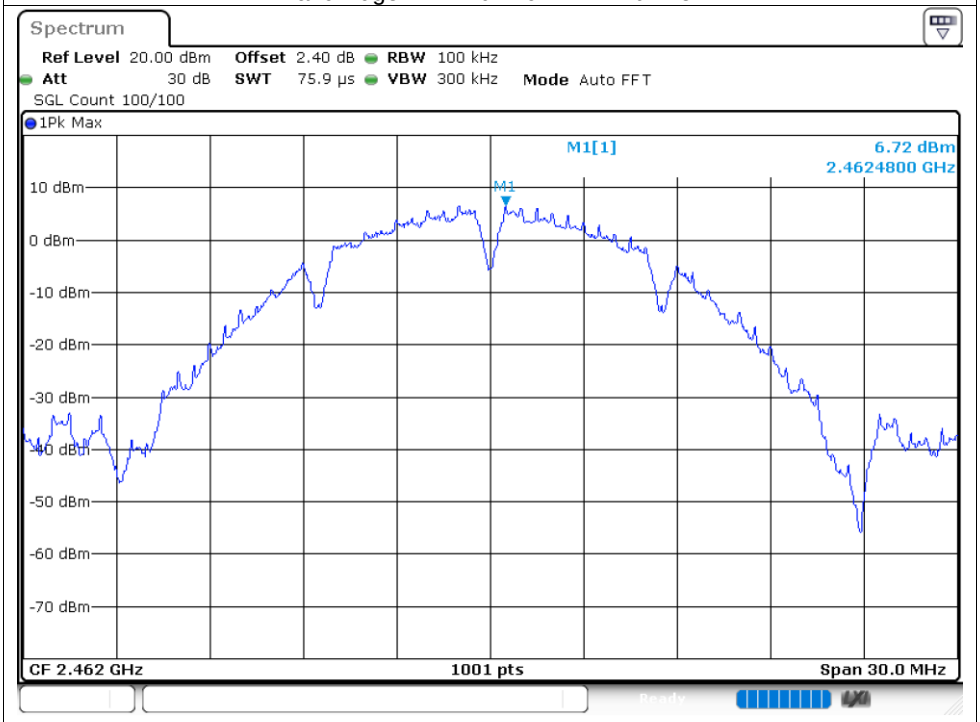
Band Edge NVNT b 2412MHz Ant1 Emission



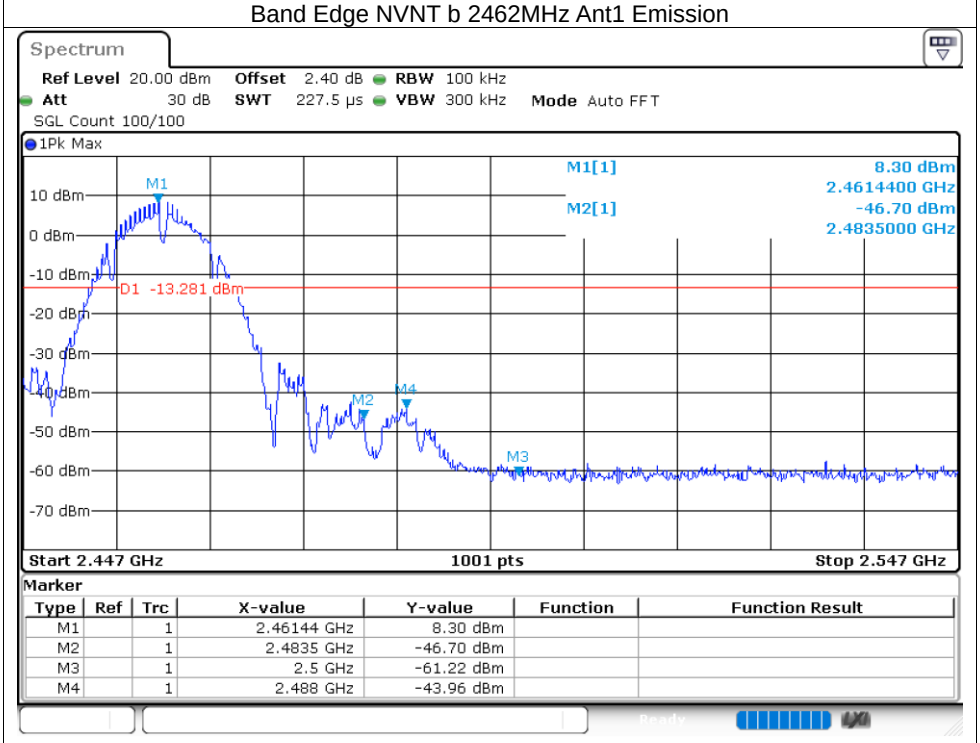
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41147 GHz	7.55 dBm		
M2		1	2.4 GHz	-46.90 dBm		
M3		1	2.39 GHz	-61.35 dBm		
M4		1	2.3867 GHz	-54.80 dBm		

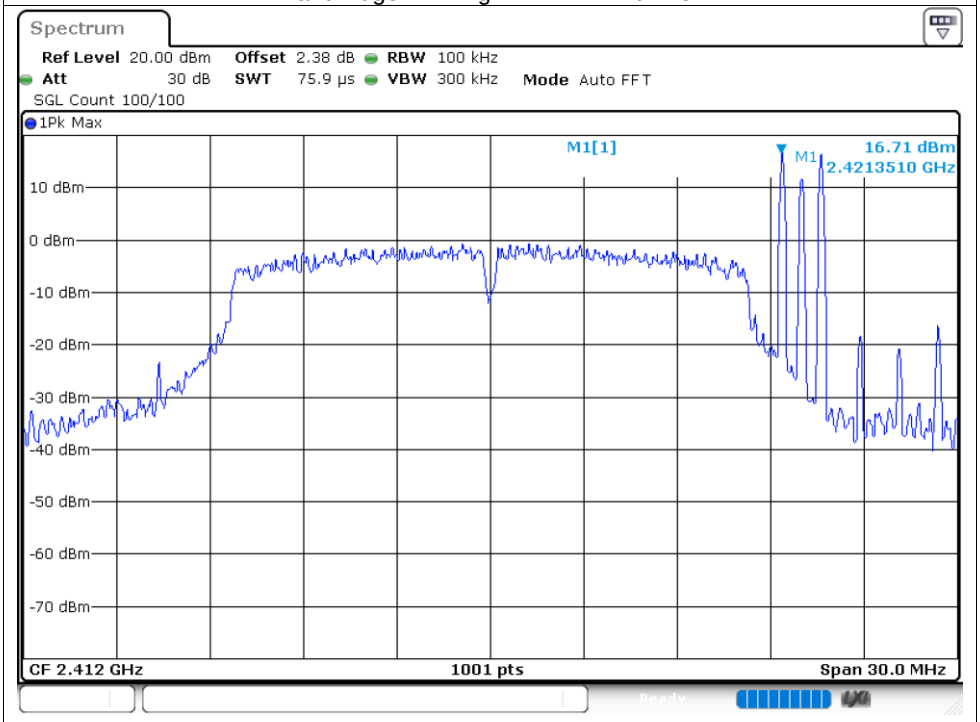
Band Edge NVNT b 2462MHz Ant1 Ref



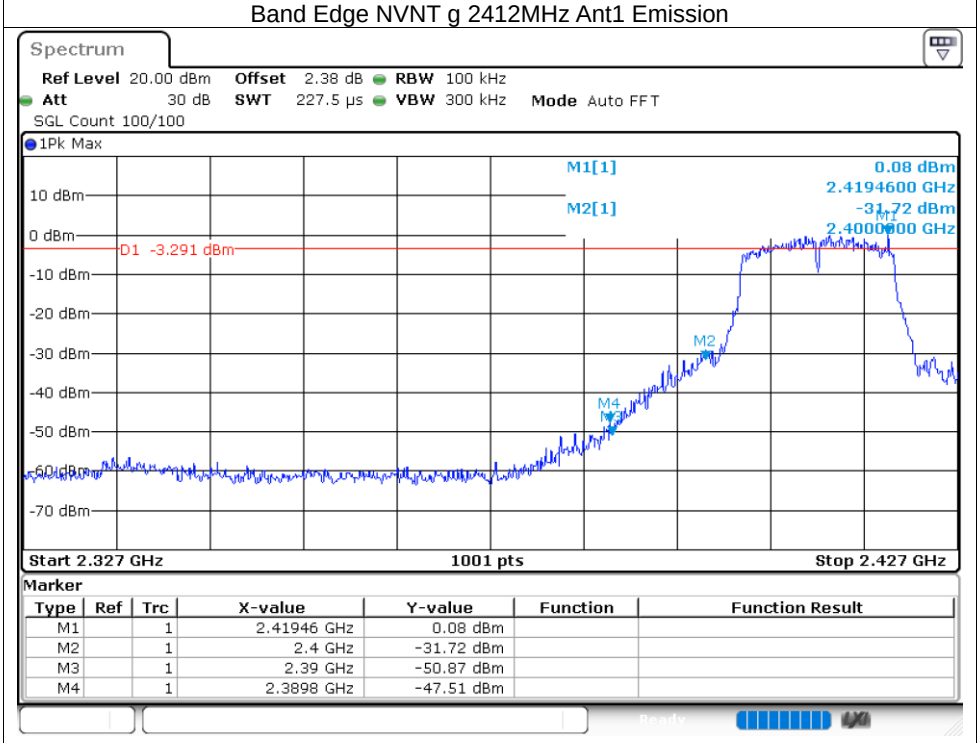
Band Edge NVNT b 2462MHz Ant1 Emission



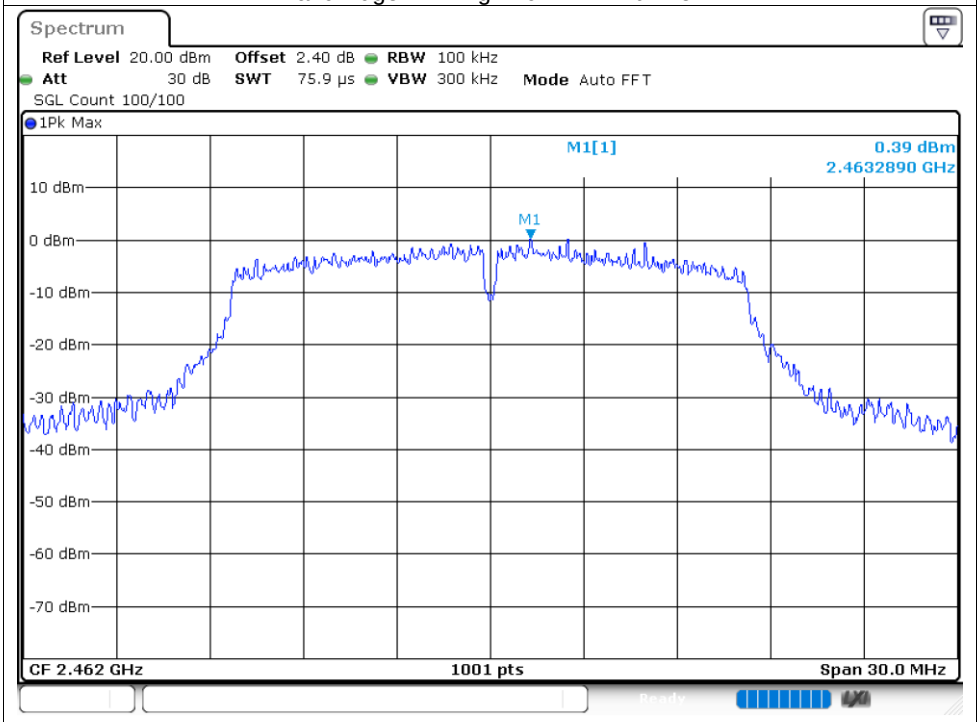
Band Edge NVNT g 2412MHz Ant1 Ref



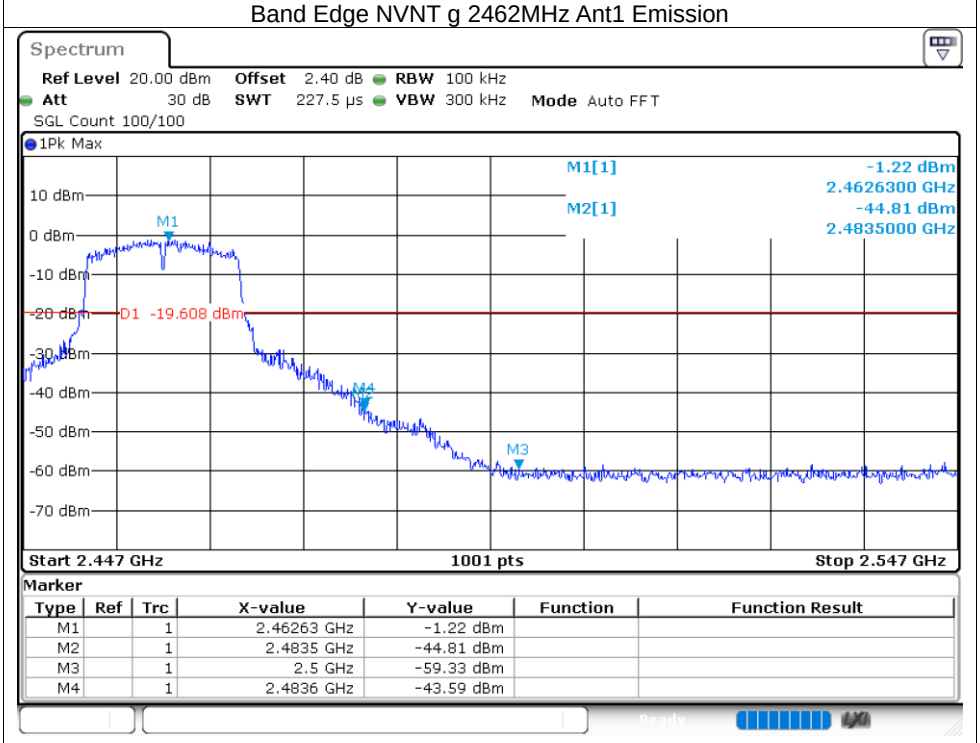
Band Edge NVNT g 2412MHz Ant1 Emission



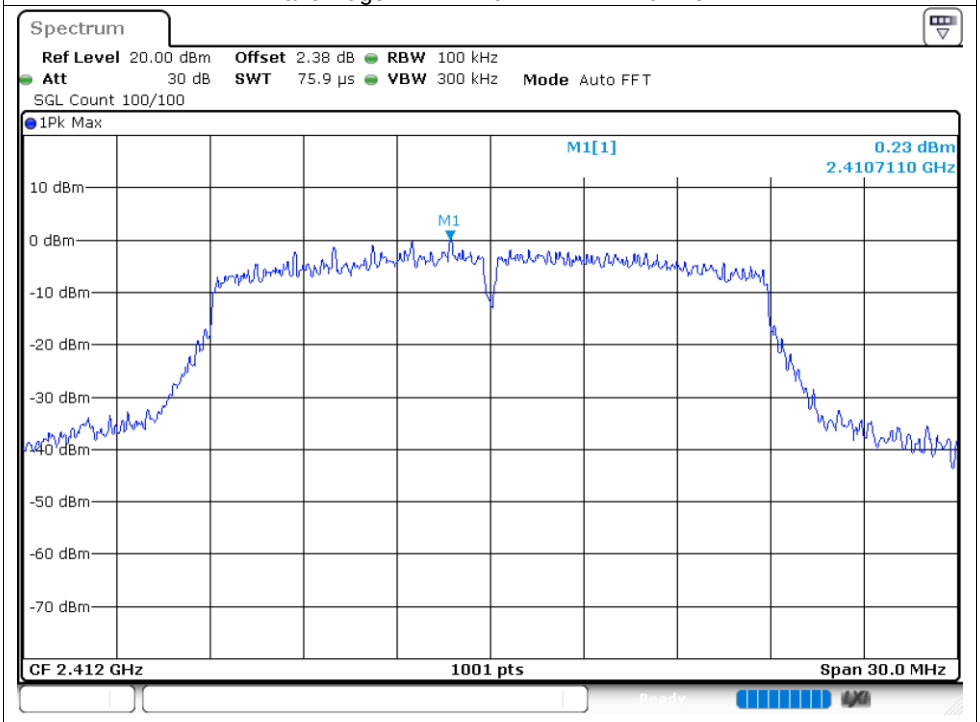
Band Edge NVNT g 2462MHz Ant1 Ref



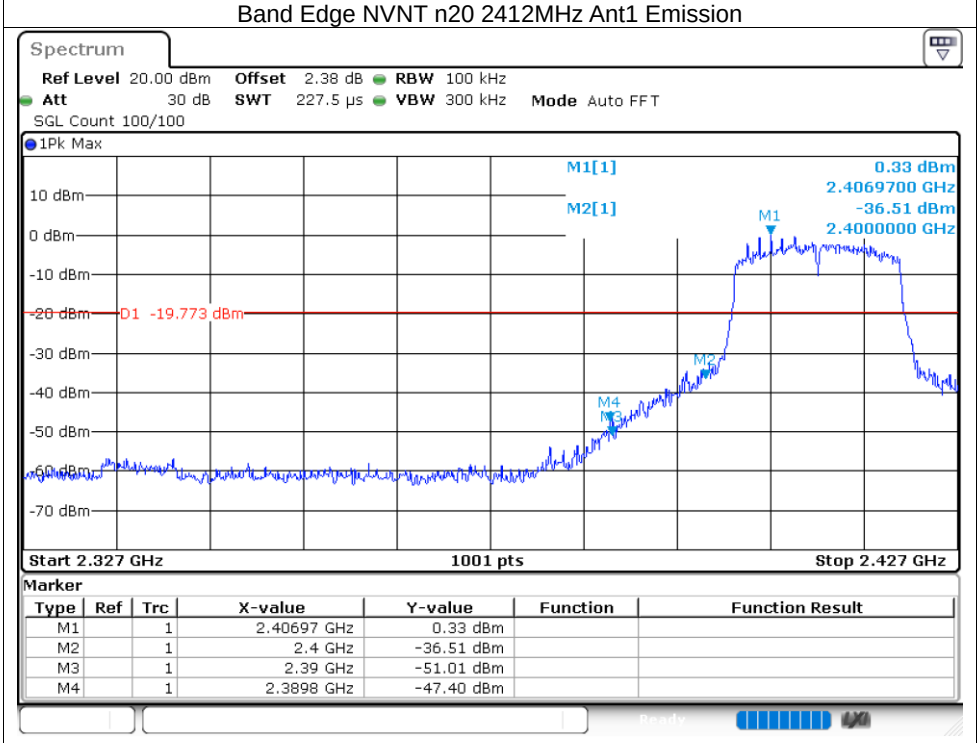
Band Edge NVNT g 2462MHz Ant1 Emission



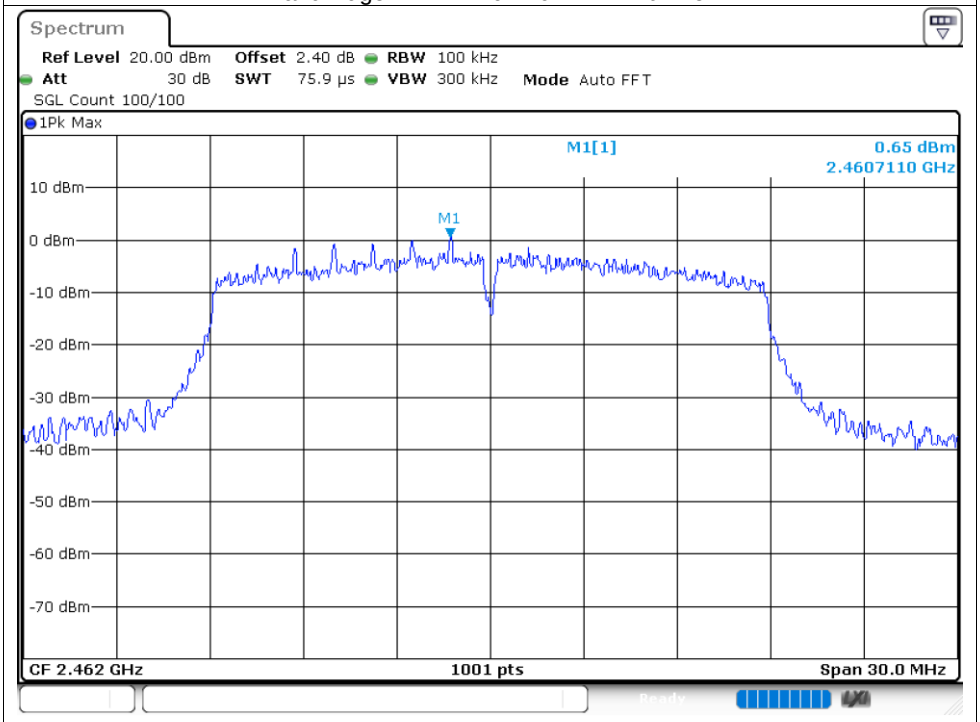
Band Edge NVNT n20 2412MHz Ant1 Ref



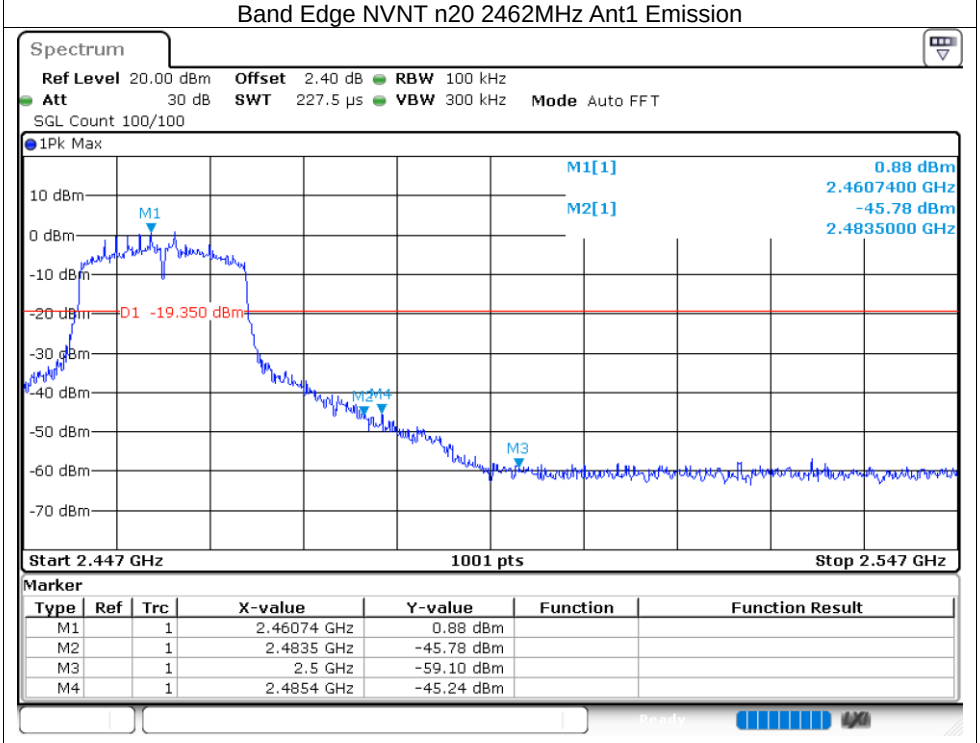
Band Edge NVNT n20 2412MHz Ant1 Emission



Band Edge NVNT n20 2462MHz Ant1 Ref

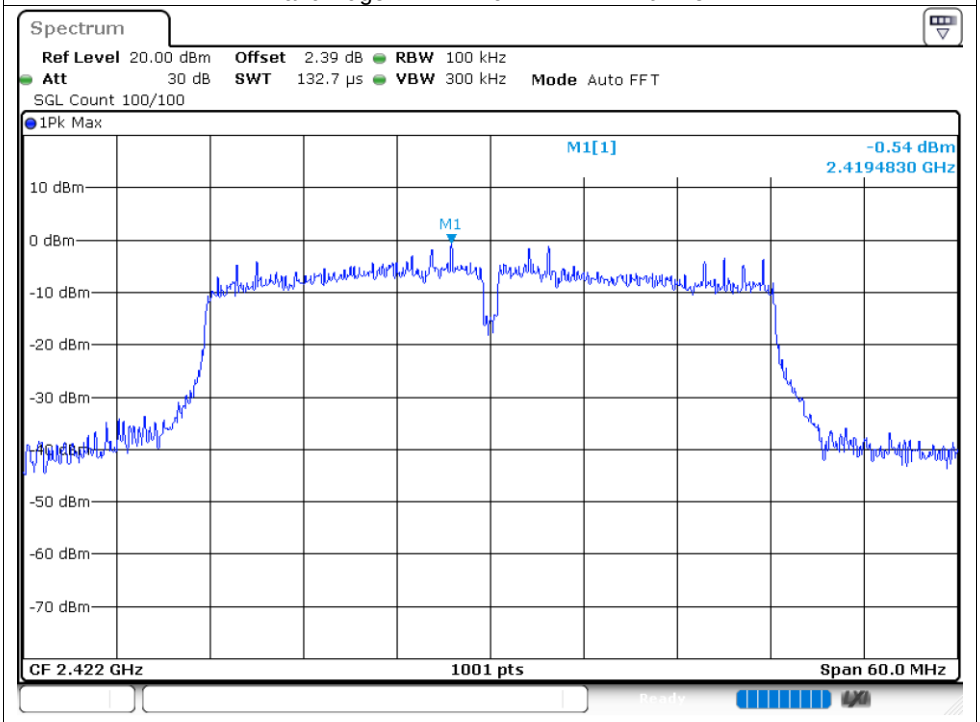


Band Edge NVNT n20 2462MHz Ant1 Emission

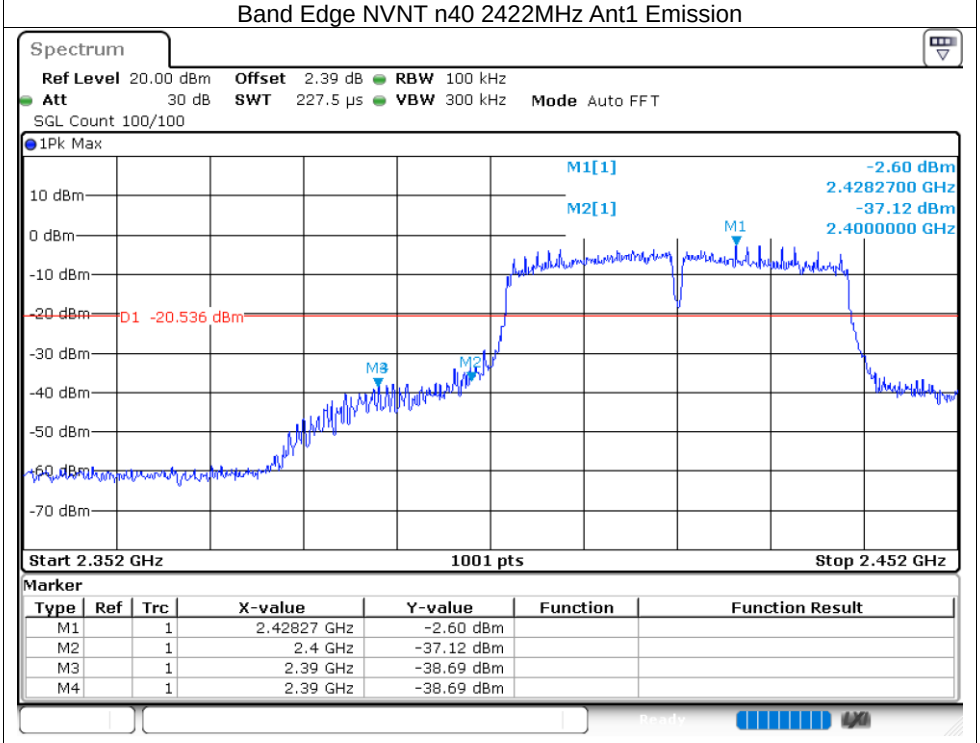


Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46074 GHz	0.88 dBm		
M2		1	2.4835 GHz	-45.78 dBm		
M3		1	2.5 GHz	-59.10 dBm		
M4		1	2.4854 GHz	-45.24 dBm		

Band Edge NVNT n40 2422MHz Ant1 Ref



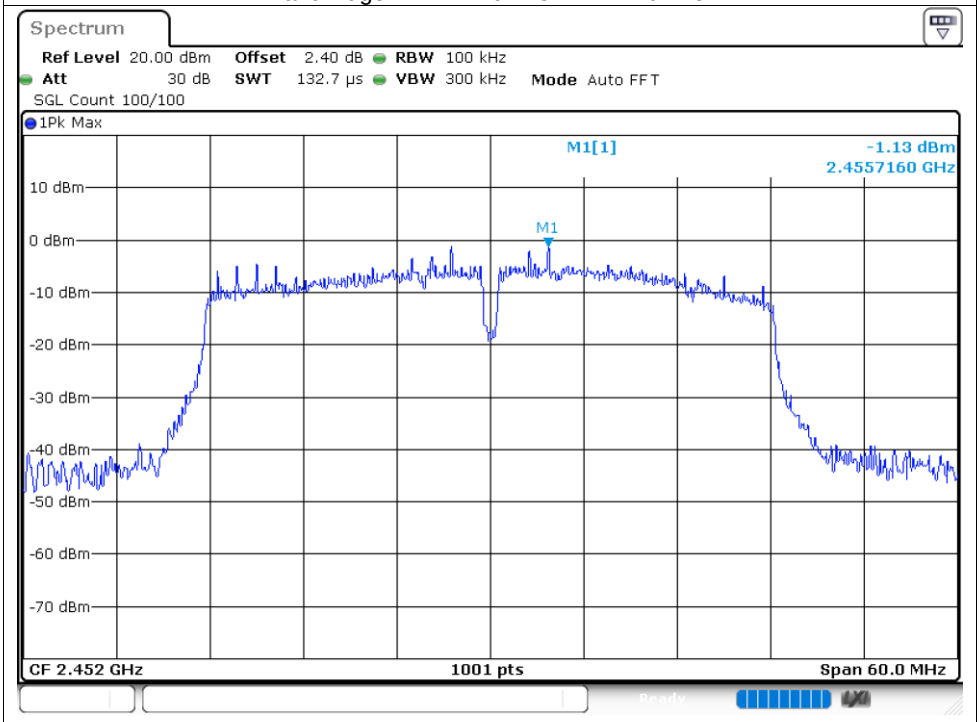
Band Edge NVNT n40 2422MHz Ant1 Emission



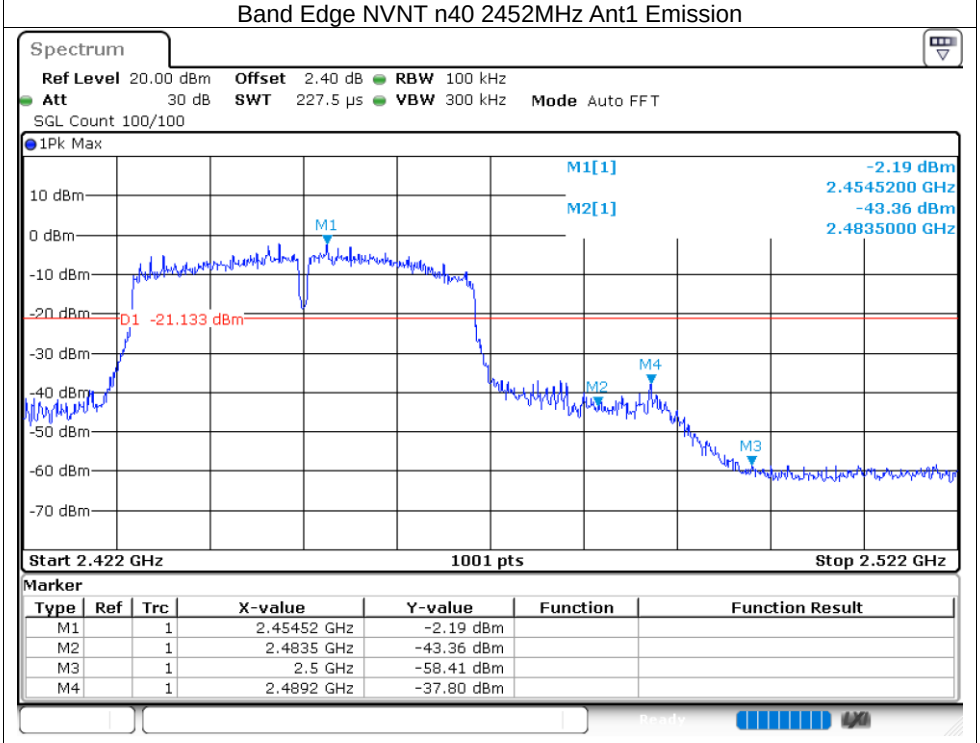
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.42827 GHz	-2.60 dBm		
M2		1	2.4 GHz	-37.12 dBm		
M3		1	2.39 GHz	-38.69 dBm		
M4		1	2.39 GHz	-38.69 dBm		

Band Edge NVNT n40 2452MHz Ant1 Ref



Band Edge NVNT n40 2452MHz Ant1 Emission

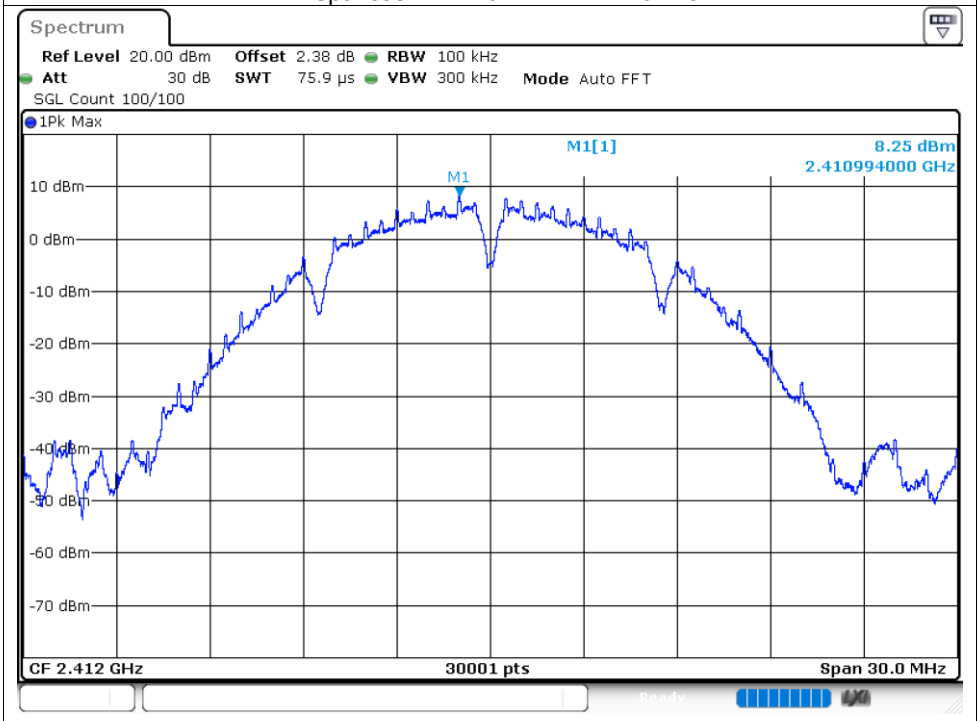


8.7 Conducted RF Spurious Emission

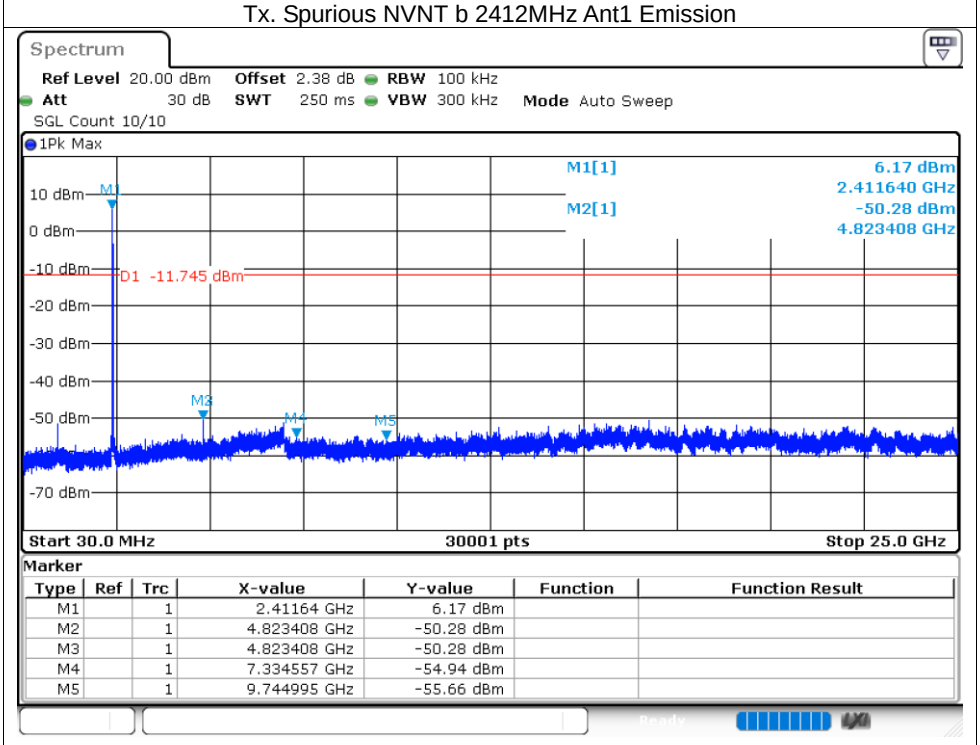
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-58.52	-20	Pass
NVNT	b	2437	Ant1	-50.61	-20	Pass
NVNT	b	2462	Ant1	-52.84	-20	Pass
NVNT	g	2412	Ant1	-43.63	-20	Pass
NVNT	g	2437	Ant1	-50.6	-20	Pass
NVNT	g	2462	Ant1	-50.94	-20	Pass
NVNT	n20	2412	Ant1	-47.05	-20	Pass
NVNT	n20	2437	Ant1	-43.35	-20	Pass
NVNT	n20	2462	Ant1	-49.15	-20	Pass
NVNT	n40	2422	Ant1	-43.4	-20	Pass
NVNT	n40	2437	Ant1	-45.25	-20	Pass
NVNT	n40	2452	Ant1	-45.55	-20	Pass

Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref



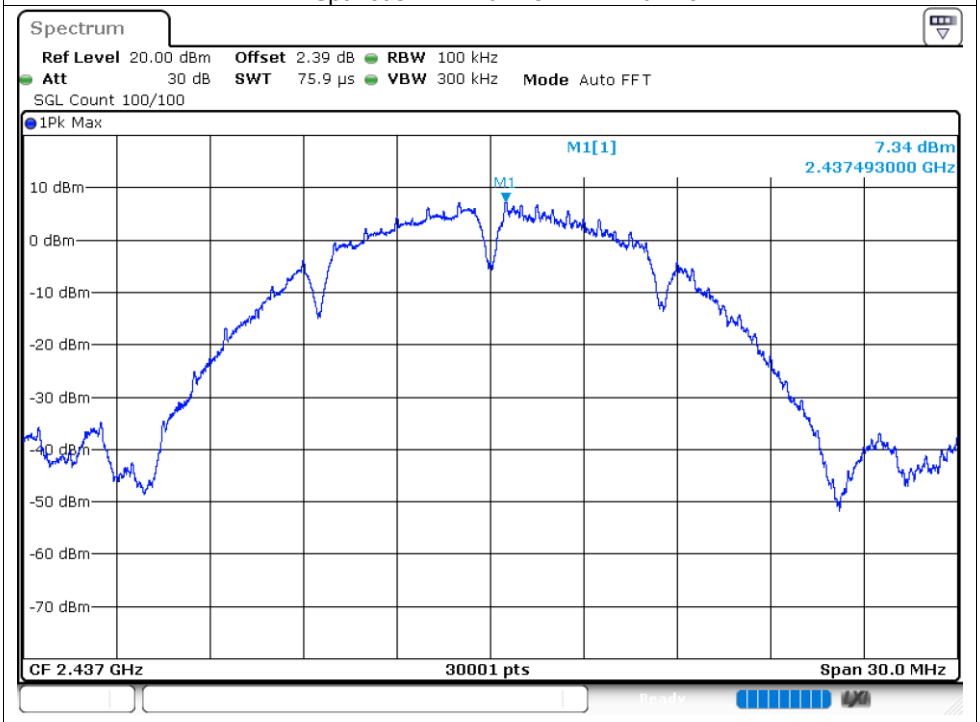
Tx. Spurious NVNT b 2412MHz Ant1 Emission



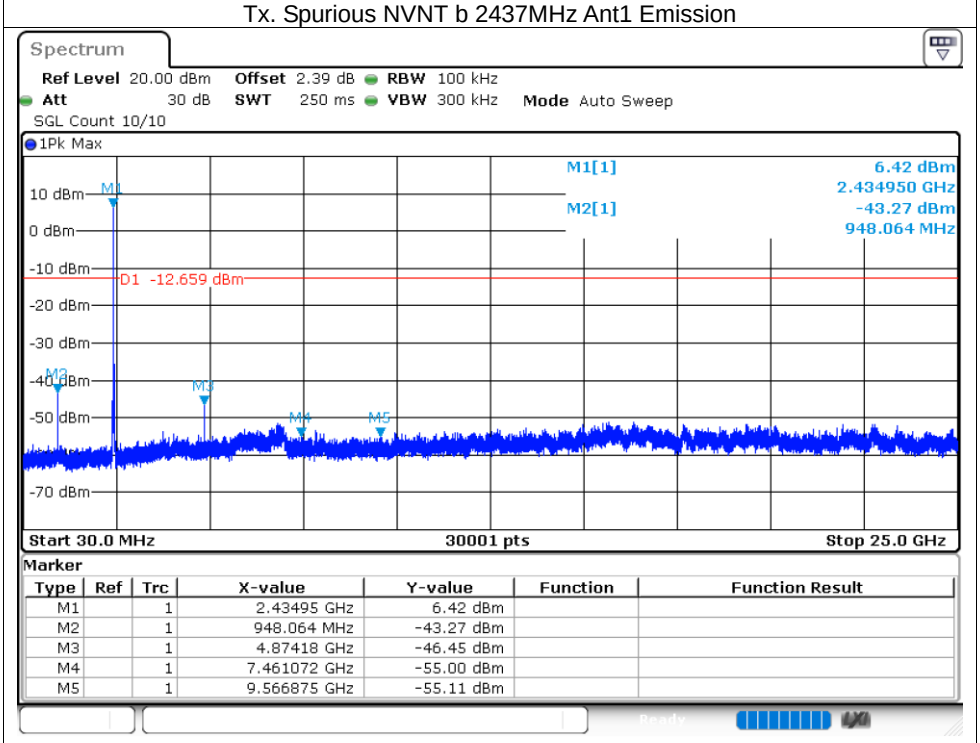
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41164 GHz	6.17 dBm		
M2		1	4.823408 GHz	-50.28 dBm		
M3		1	4.823408 GHz	-50.28 dBm		
M4		1	7.334557 GHz	-54.94 dBm		
M5		1	9.744995 GHz	-55.66 dBm		

Tx. Spurious NVNT b 2437MHz Ant1 Ref



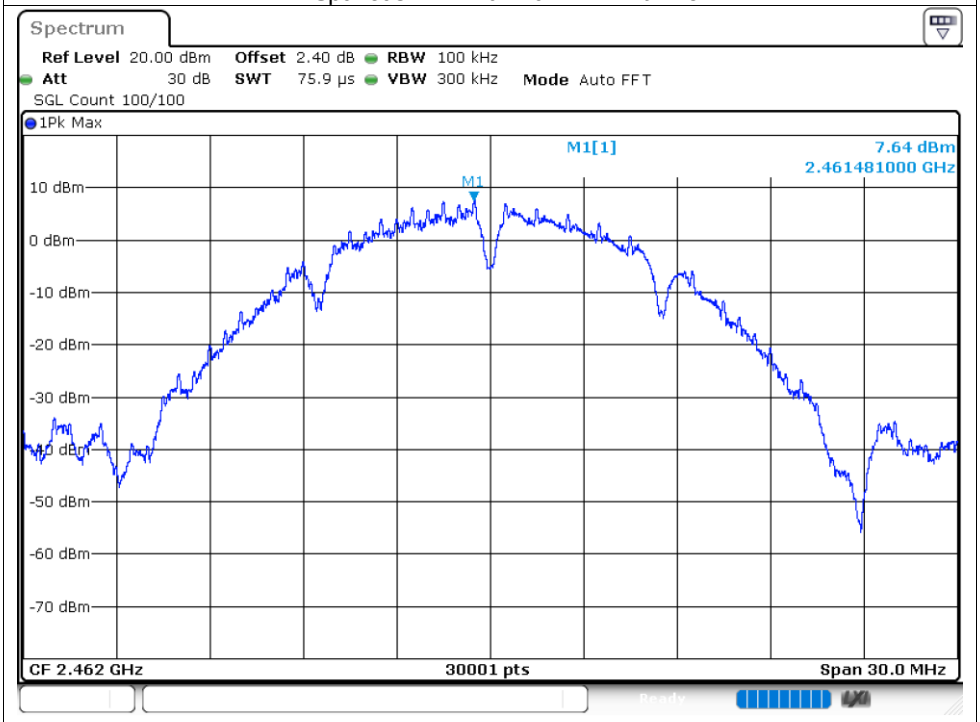
Tx. Spurious NVNT b 2437MHz Ant1 Emission



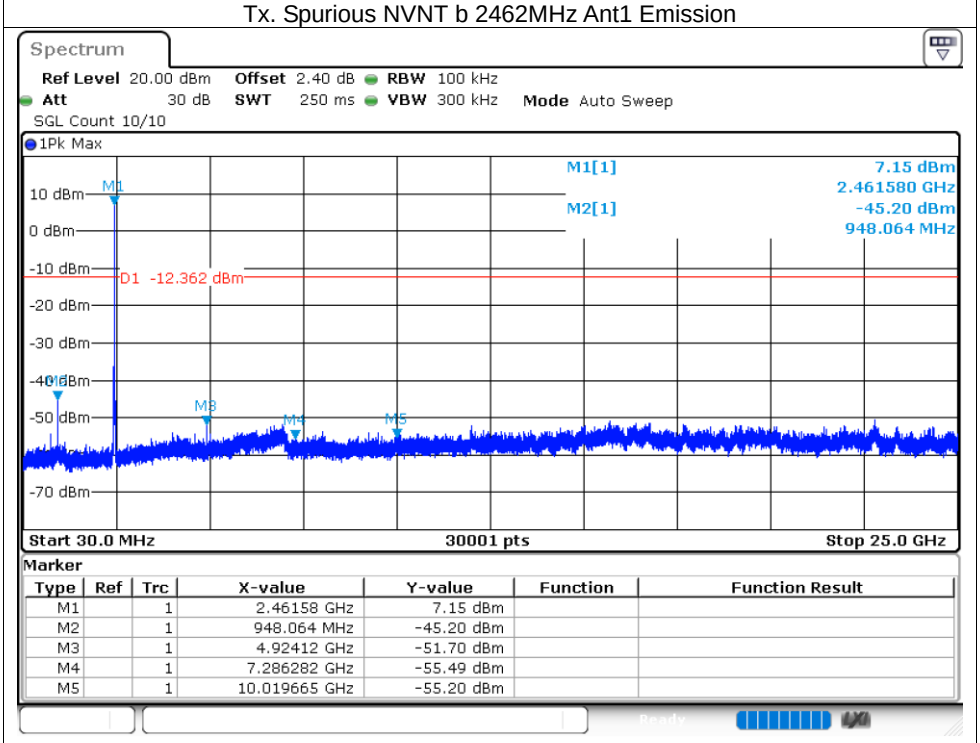
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43495 GHz	6.42 dBm		
M2		1	948.064 MHz	-43.27 dBm		
M3		1	4.87418 GHz	-46.45 dBm		
M4		1	7.461072 GHz	-55.00 dBm		
M5		1	9.566875 GHz	-55.11 dBm		

Tx. Spurious NVNT b 2462MHz Ant1 Ref



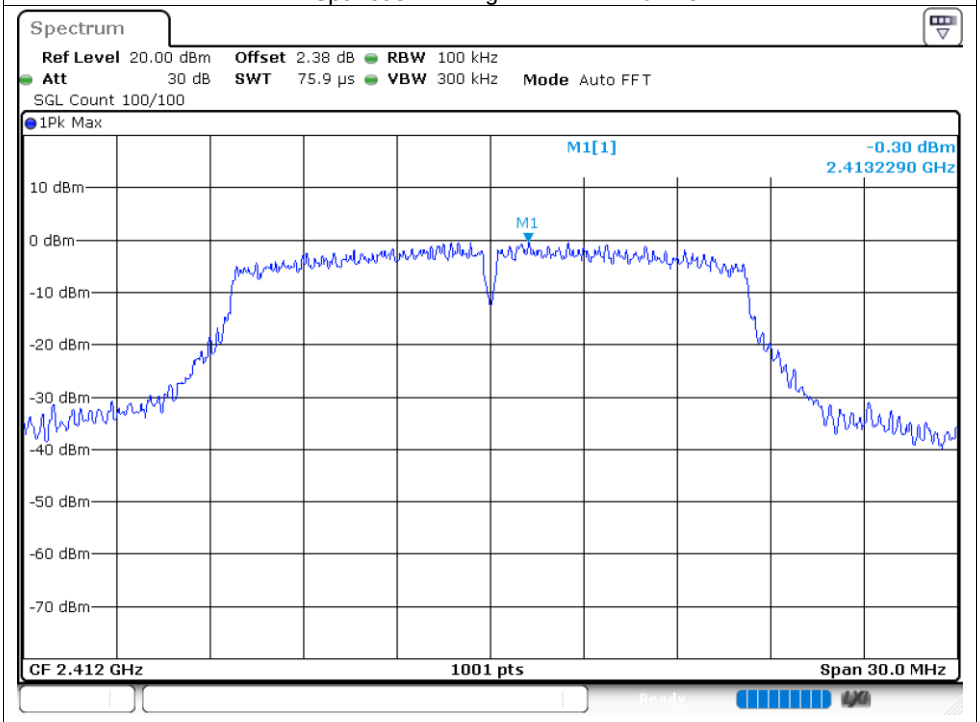
Tx. Spurious NVNT b 2462MHz Ant1 Emission



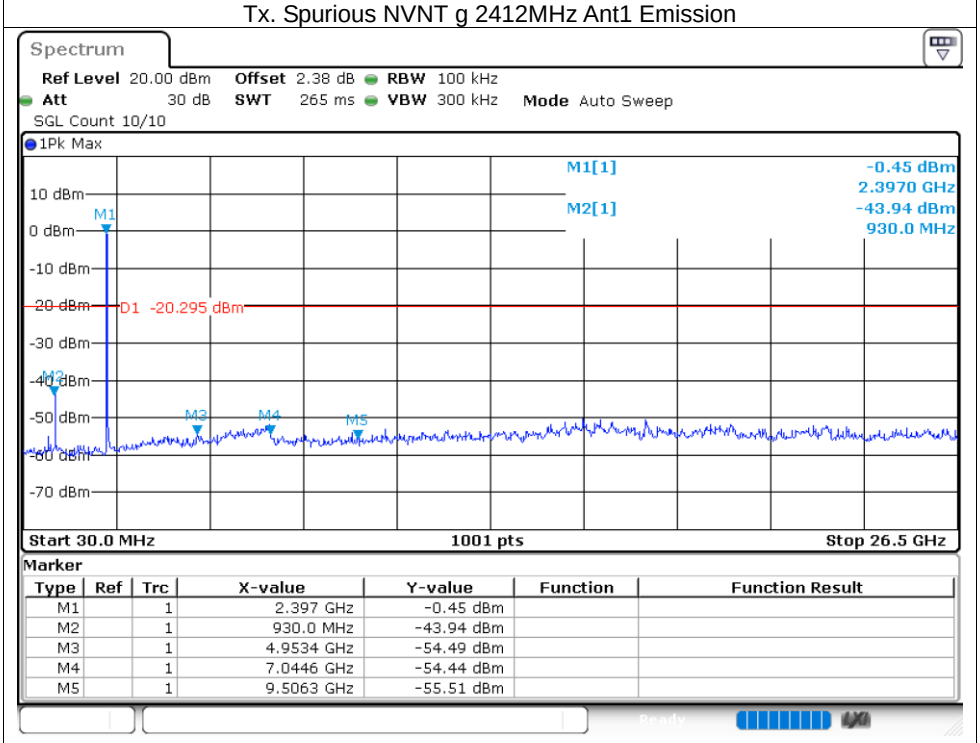
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46158 GHz	7.15 dBm		
M2		1	948.064 MHz	-45.20 dBm		
M3		1	4.92412 GHz	-51.70 dBm		
M4		1	7.286282 GHz	-55.49 dBm		
M5		1	10.019665 GHz	-55.20 dBm		

Tx. Spurious NVNT g 2412MHz Ant1 Ref



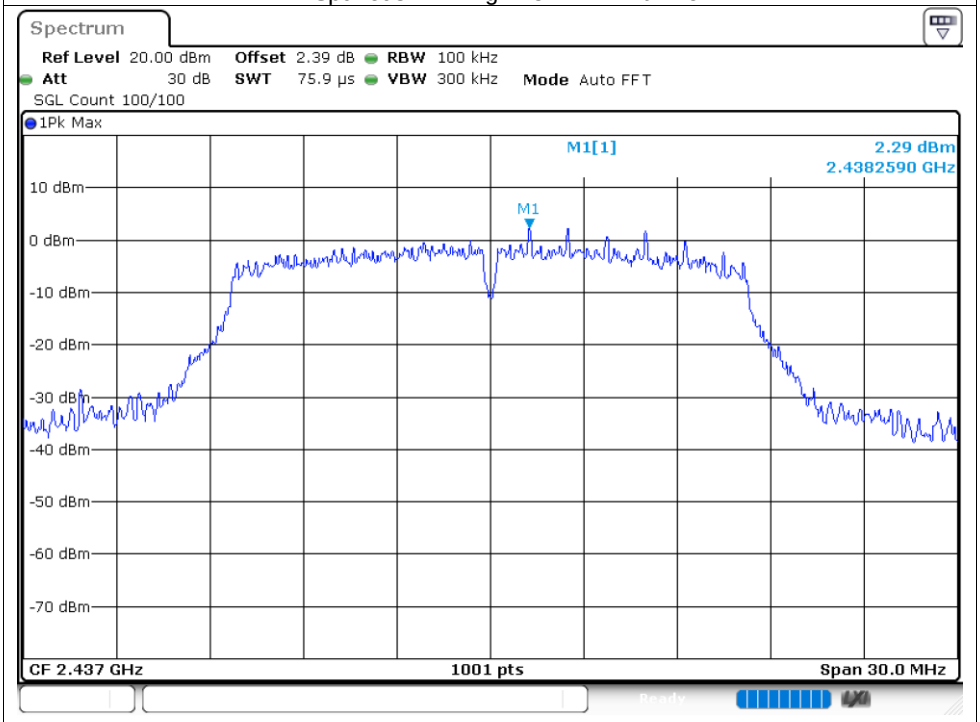
Tx. Spurious NVNT g 2412MHz Ant1 Emission



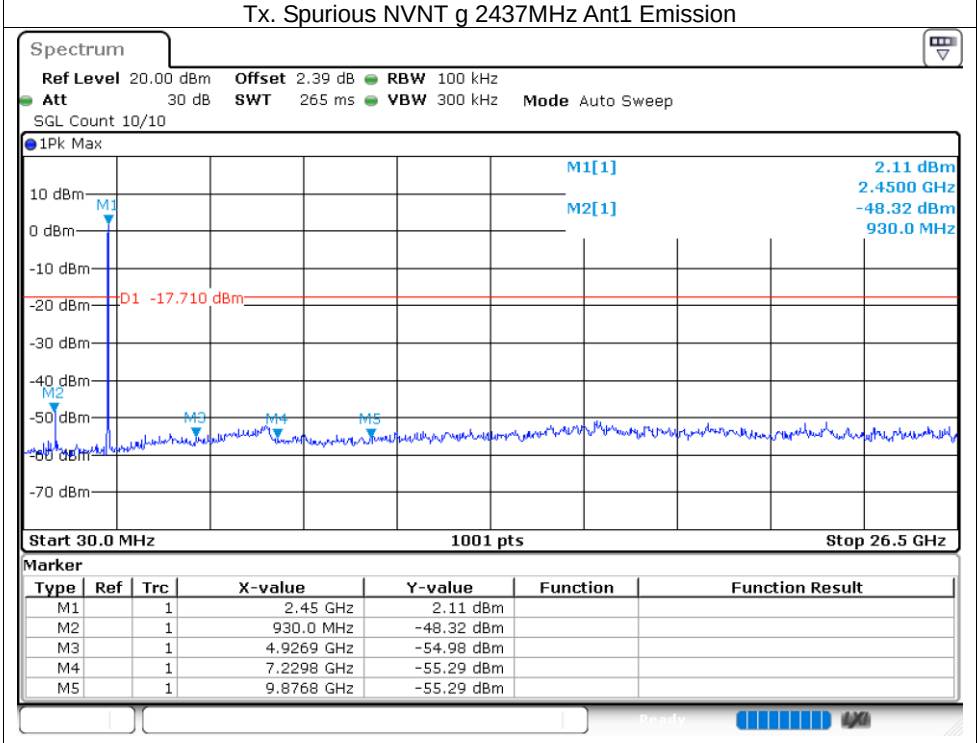
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.397 GHz	-0.45 dBm		
M2		1	930.0 MHz	-43.94 dBm		
M3		1	4.9534 GHz	-54.49 dBm		
M4		1	7.0446 GHz	-54.44 dBm		
M5		1	9.5063 GHz	-55.51 dBm		

Tx. Spurious NVNT g 2437MHz Ant1 Ref



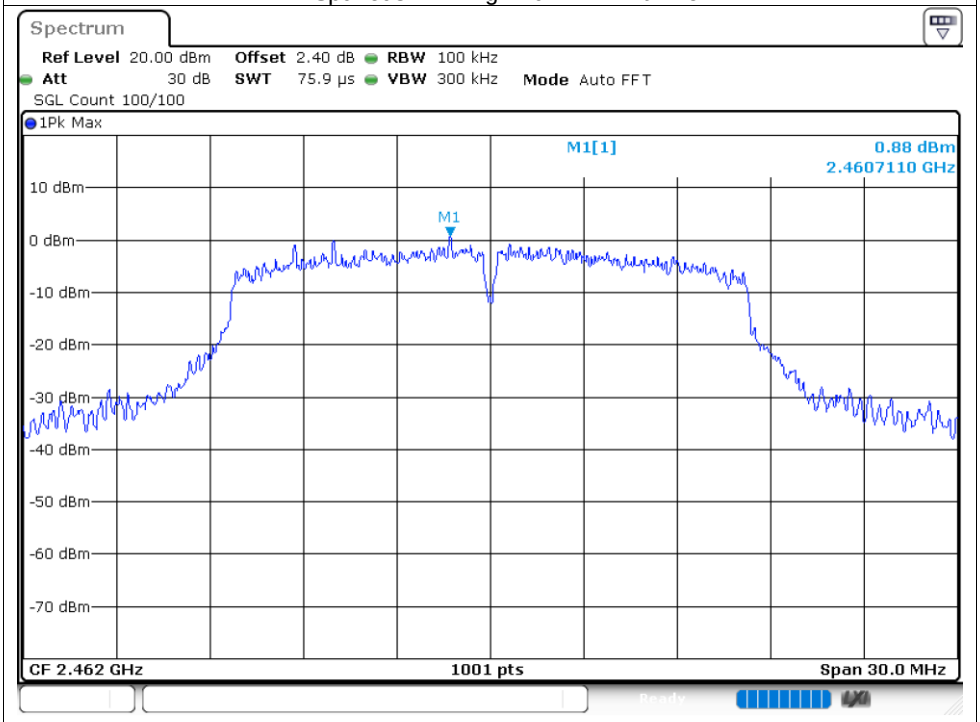
Tx. Spurious NVNT g 2437MHz Ant1 Emission



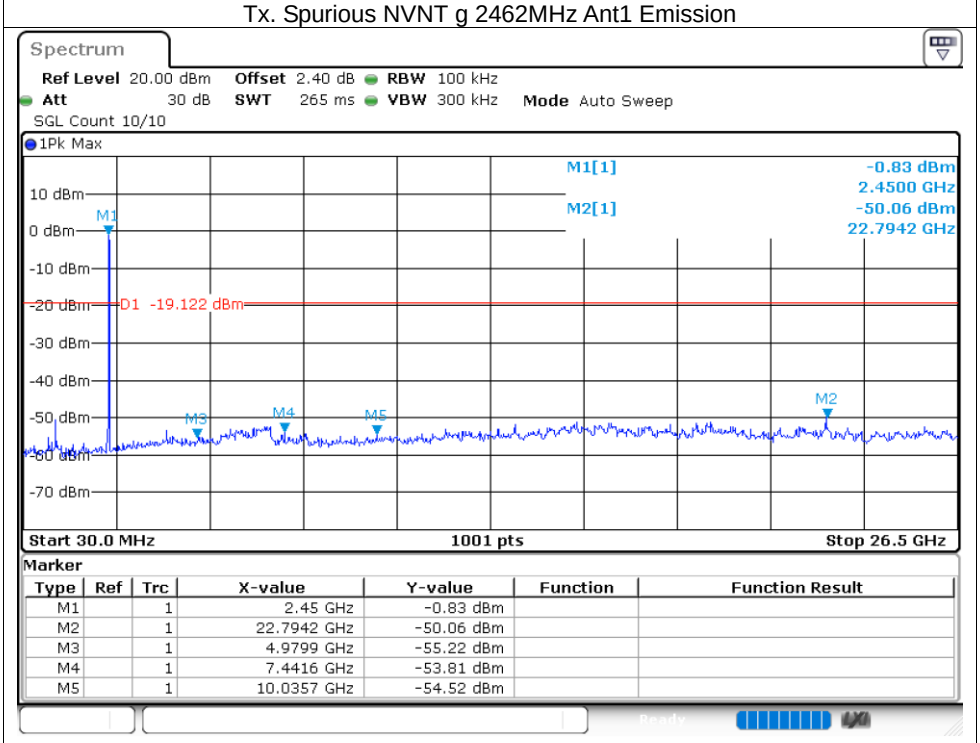
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	2.11 dBm		
M2		1	930.0 MHz	-48.32 dBm		
M3		1	4.9269 GHz	-54.98 dBm		
M4		1	7.2298 GHz	-55.29 dBm		
M5		1	9.8768 GHz	-55.29 dBm		

Tx. Spurious NVNT g 2462MHz Ant1 Ref



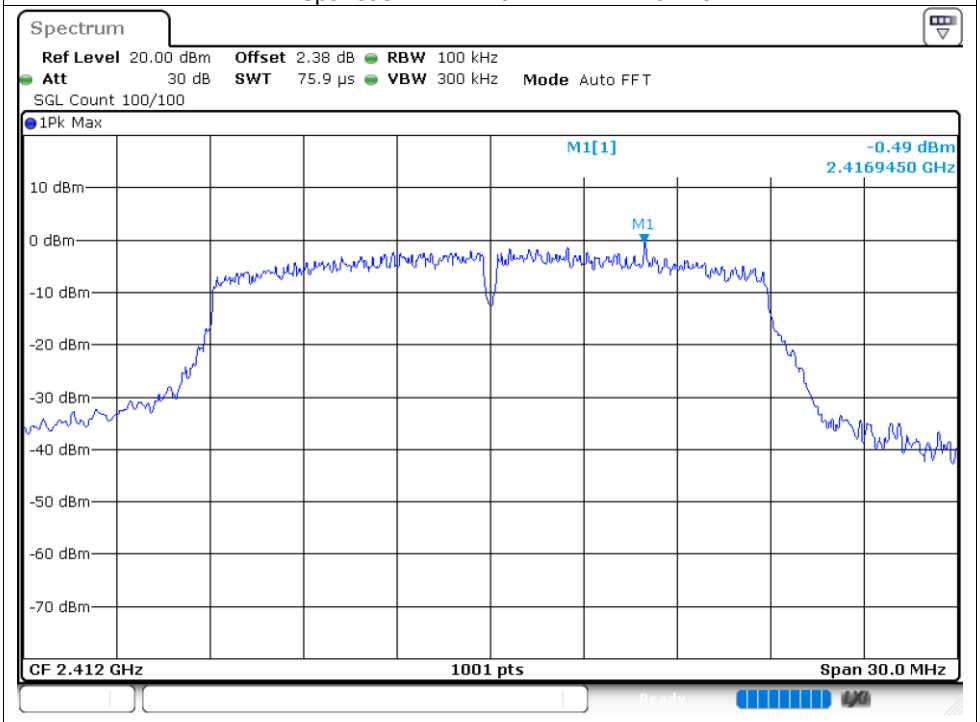
Tx. Spurious NVNT g 2462MHz Ant1 Emission



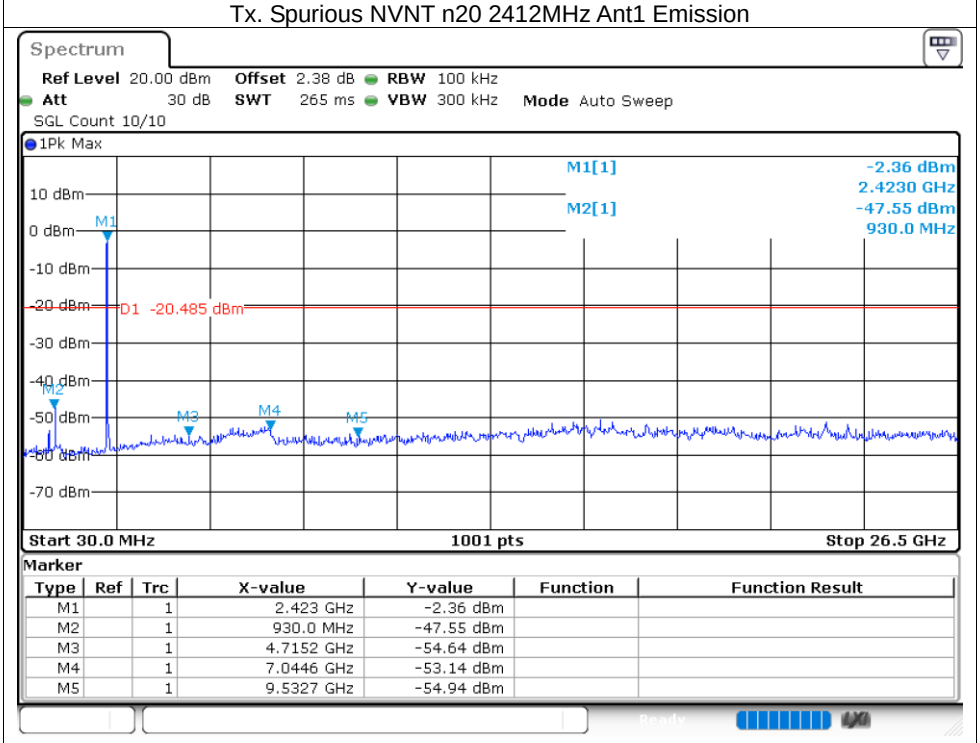
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-0.83 dBm		
M2		1	22.7942 GHz	-50.06 dBm		
M3		1	4.9799 GHz	-55.22 dBm		
M4		1	7.4416 GHz	-53.81 dBm		
M5		1	10.0357 GHz	-54.52 dBm		

Tx. Spurious NVNT n20 2412MHz Ant1 Ref



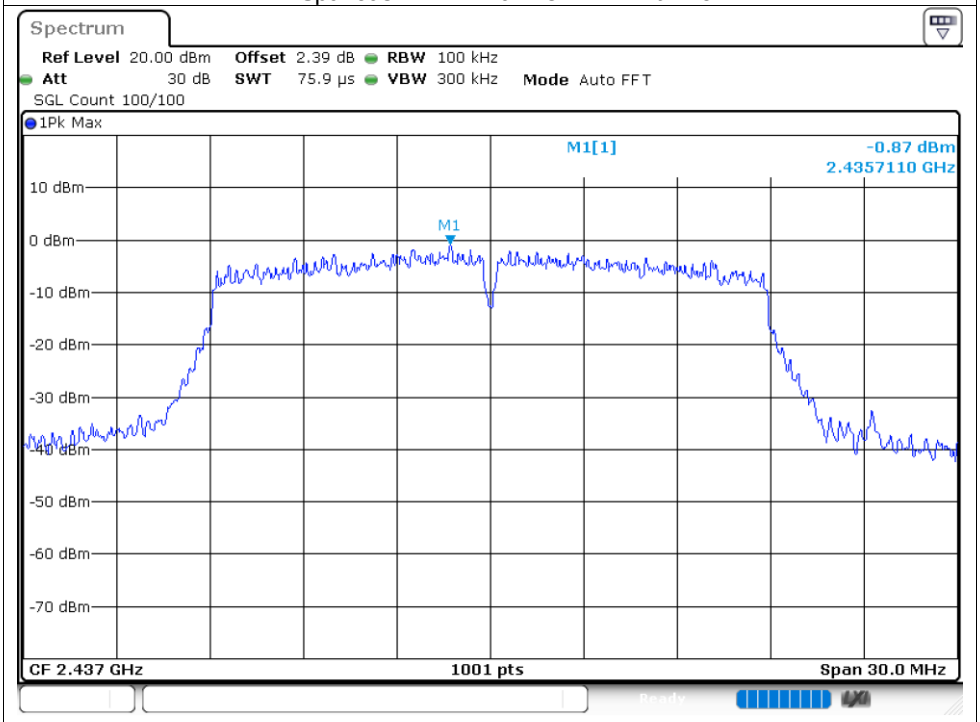
Tx. Spurious NVNT n20 2412MHz Ant1 Emission



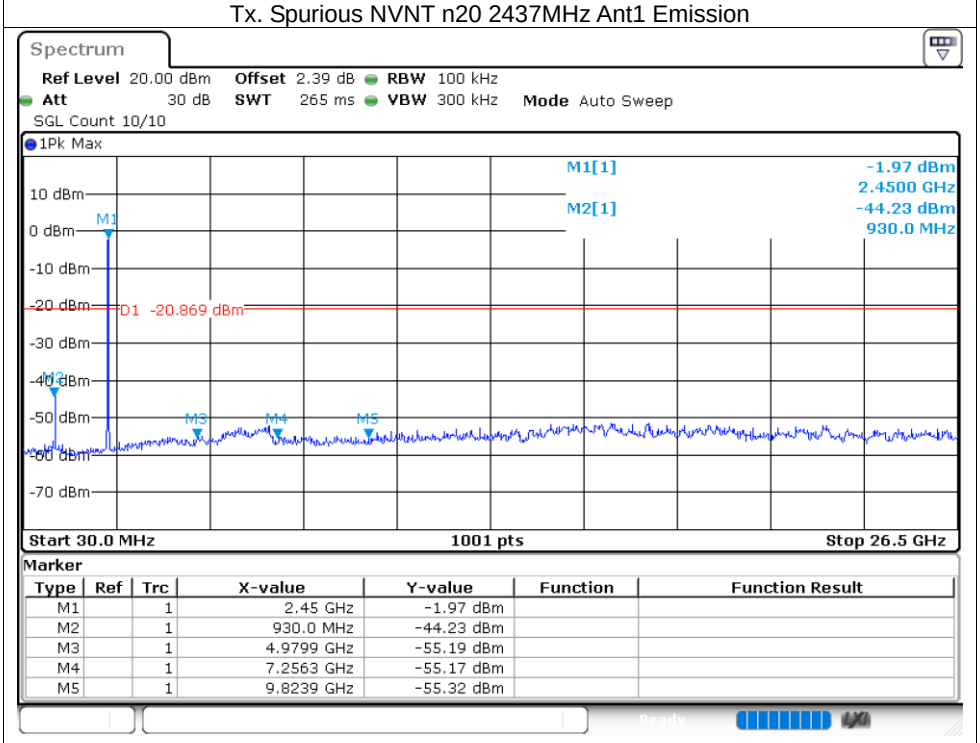
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-2.36 dBm		
M2		1	930.0 MHz	-47.55 dBm		
M3		1	4.7152 GHz	-54.64 dBm		
M4		1	7.0446 GHz	-53.14 dBm		
M5		1	9.5327 GHz	-54.94 dBm		

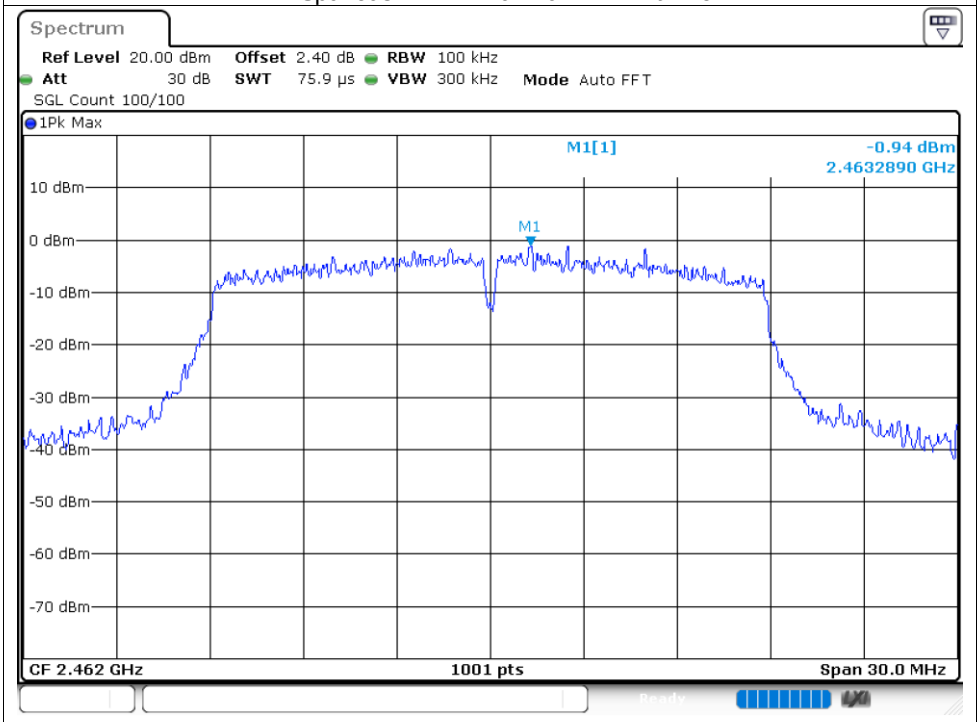
Tx. Spurious NVNT n20 2437MHz Ant1 Ref



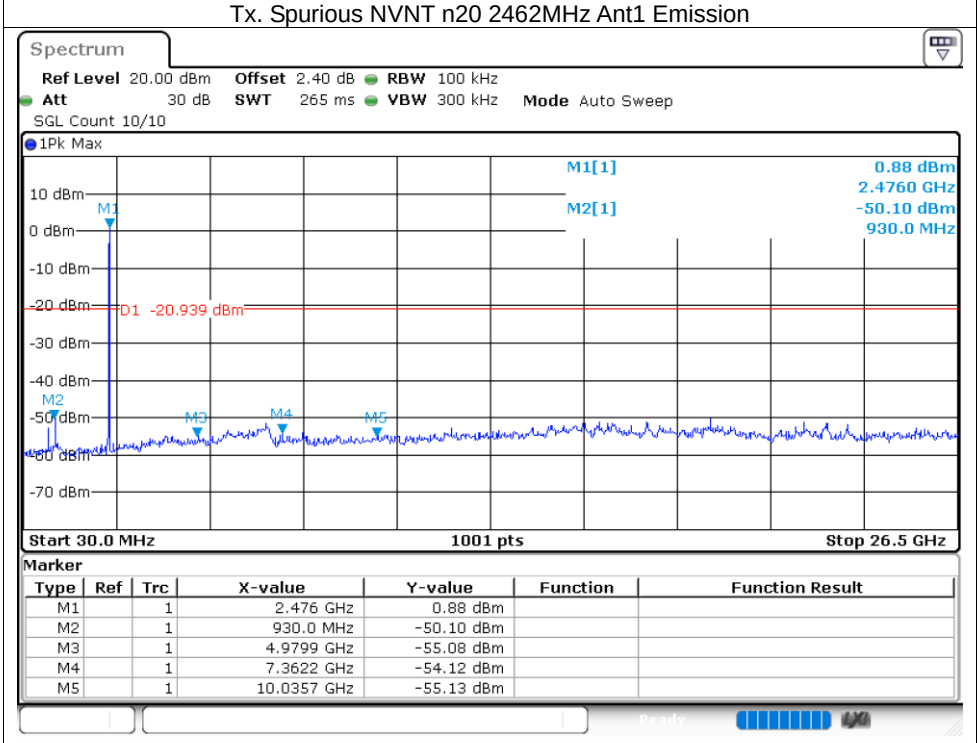
Tx. Spurious NVNT n20 2437MHz Ant1 Emission



Tx. Spurious NVNT n20 2462MHz Ant1 Ref



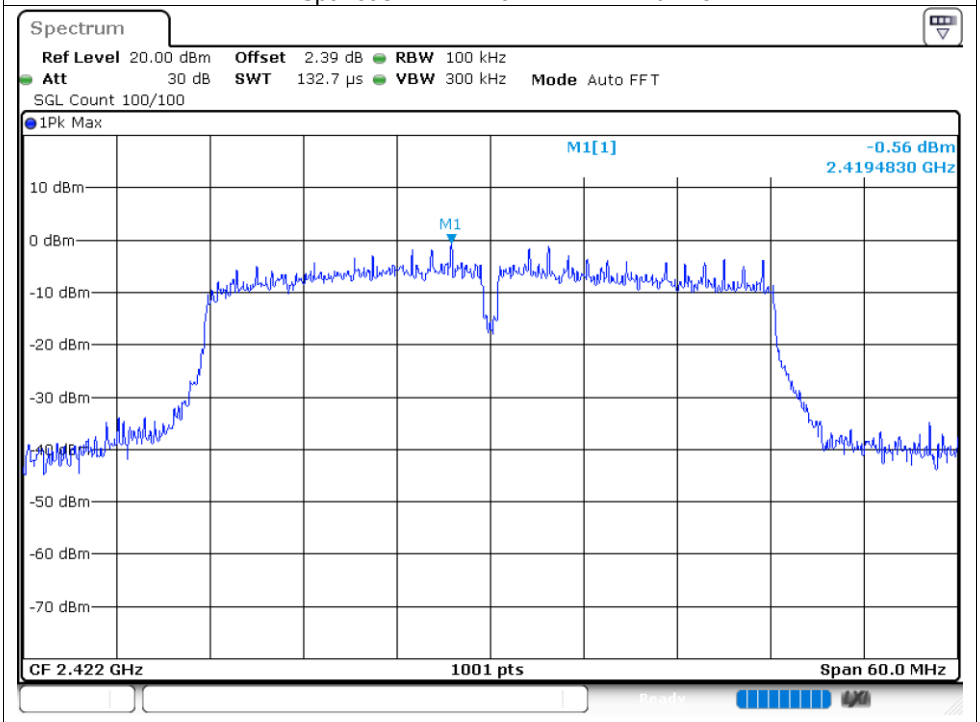
Tx. Spurious NVNT n20 2462MHz Ant1 Emission



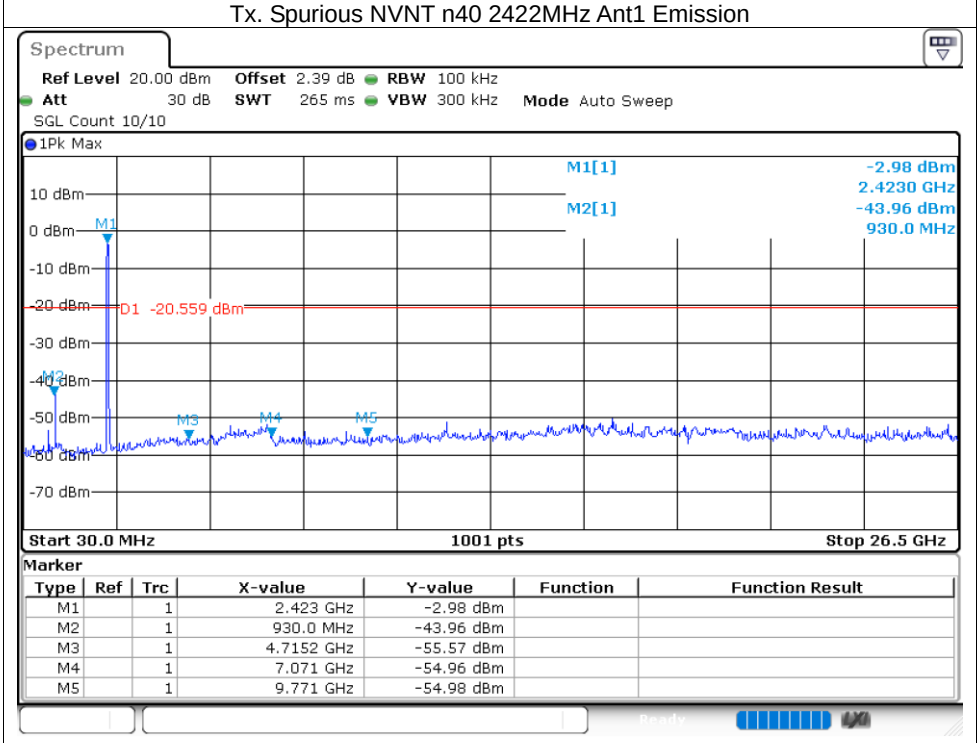
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.476 GHz	0.88 dBm		
M2		1	930.0 MHz	-50.10 dBm		
M3		1	4.9799 GHz	-55.08 dBm		
M4		1	7.3622 GHz	-54.12 dBm		
M5		1	10.0357 GHz	-55.13 dBm		

Tx. Spurious NVNT n40 2422MHz Ant1 Ref



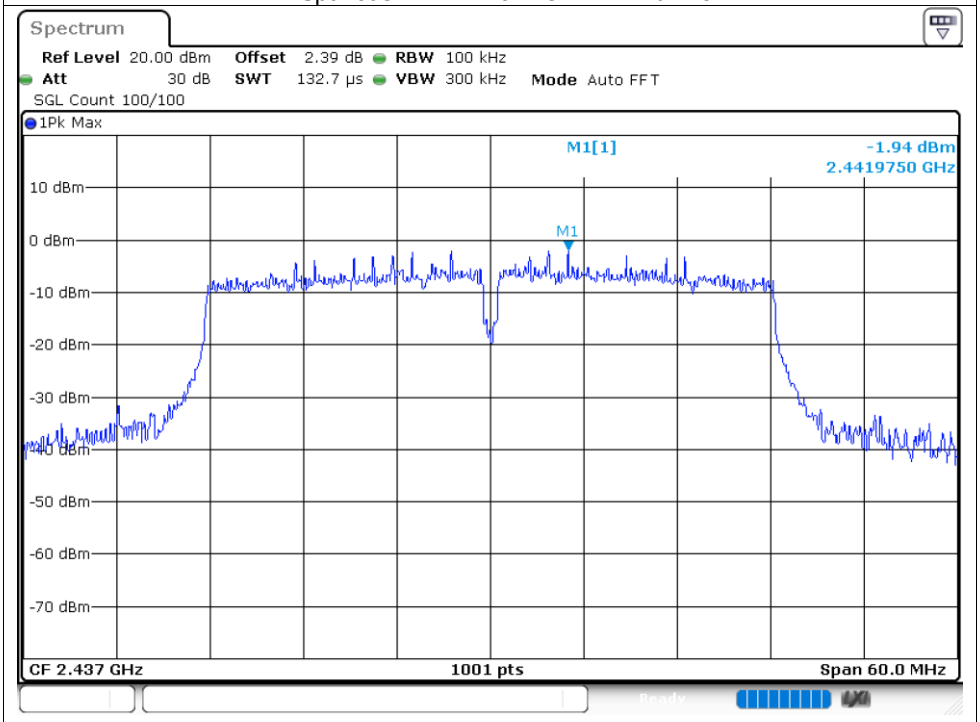
Tx. Spurious NVNT n40 2422MHz Ant1 Emission



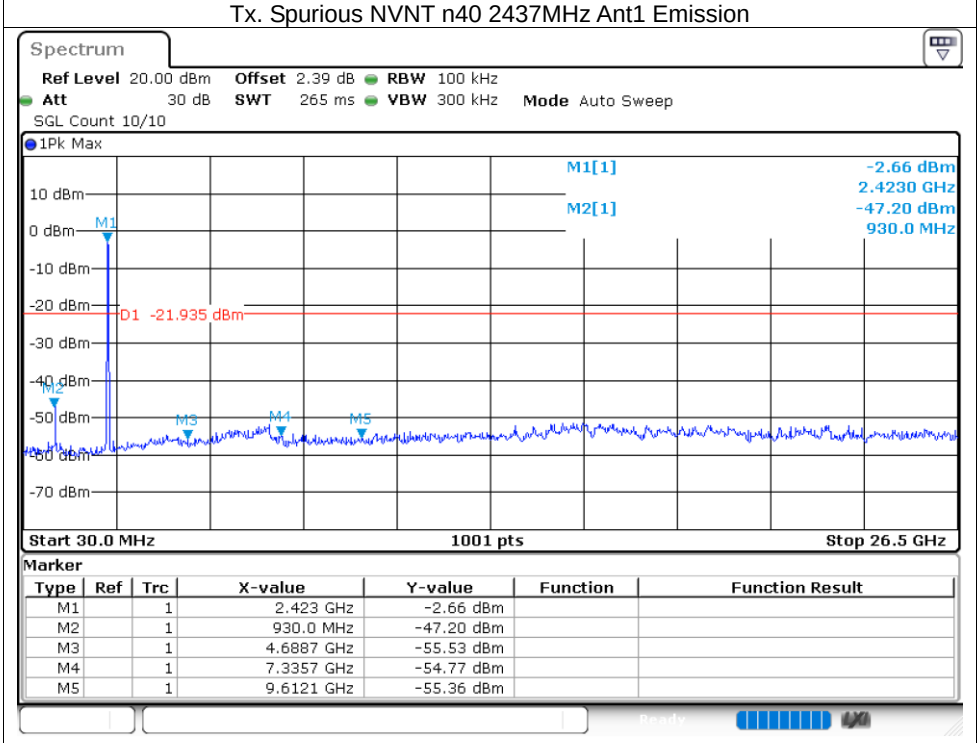
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-2.98 dBm		
M2		1	930.0 MHz	-43.96 dBm		
M3		1	4.7152 GHz	-55.57 dBm		
M4		1	7.071 GHz	-54.96 dBm		
M5		1	9.771 GHz	-54.98 dBm		

Tx. Spurious NVNT n40 2437MHz Ant1 Ref



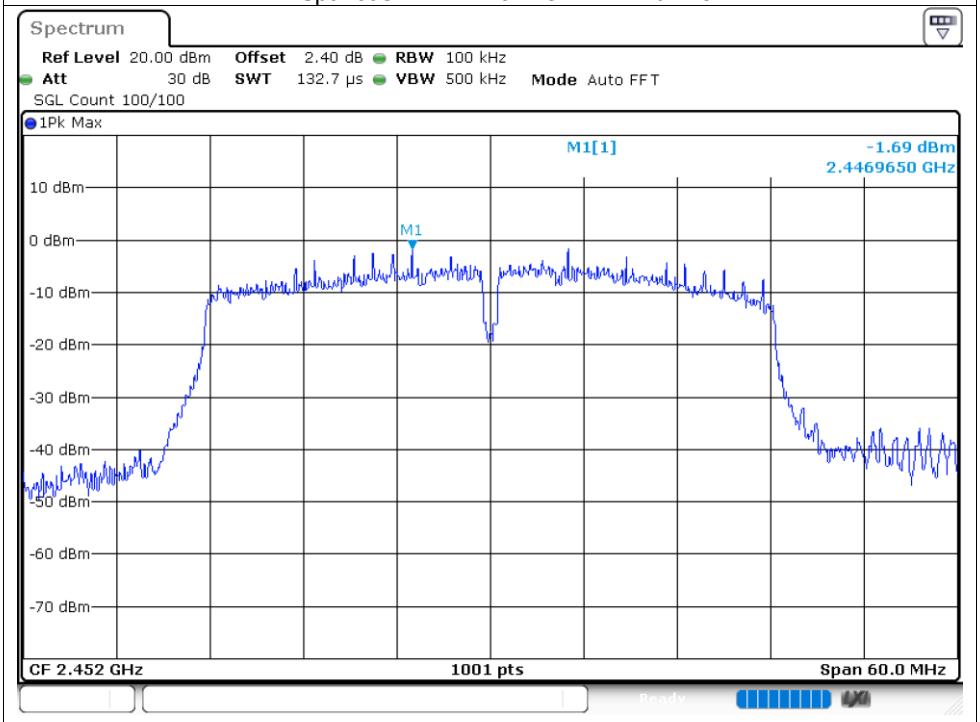
Tx. Spurious NVNT n40 2437MHz Ant1 Emission



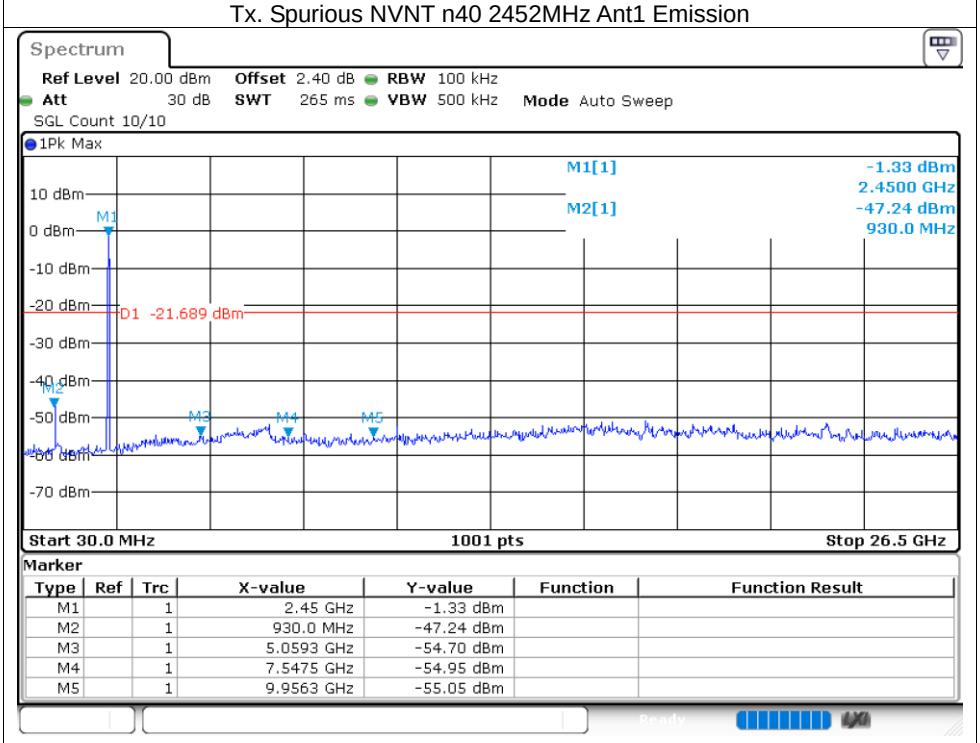
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-2.66 dBm		
M2		1	930.0 MHz	-47.20 dBm		
M3		1	4.6887 GHz	-55.53 dBm		
M4		1	7.3357 GHz	-54.77 dBm		
M5		1	9.6121 GHz	-55.36 dBm		

Tx. Spurious NVNT n40 2452MHz Ant1 Ref



Tx. Spurious NVNT n40 2452MHz Ant1 Emission



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-1.33 dBm		
M2		1	930.0 MHz	-47.24 dBm		
M3		1	5.0593 GHz	-54.70 dBm		
M4		1	7.5475 GHz	-54.95 dBm		
M5		1	9.9563 GHz	-55.05 dBm		

END OF REPORT