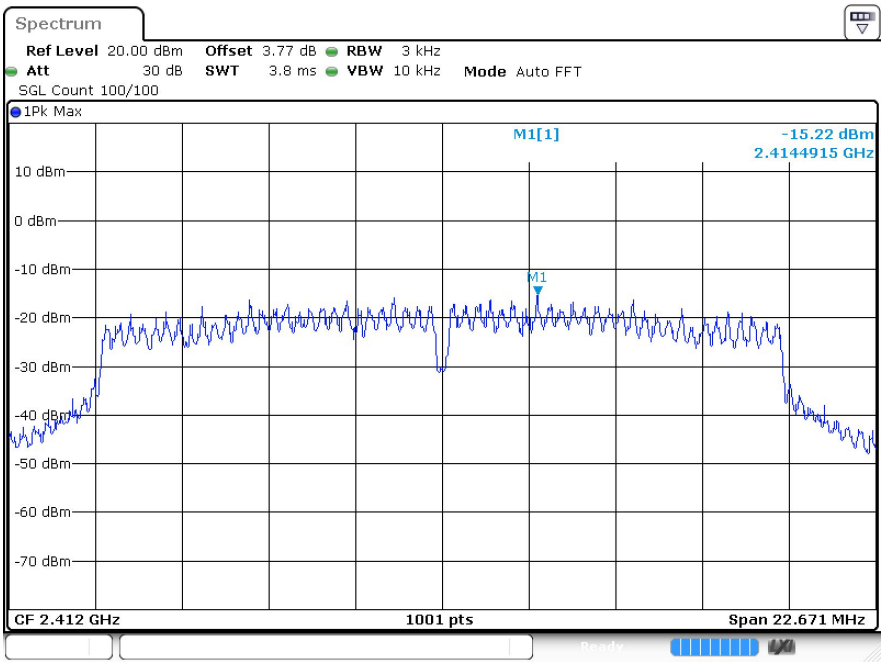
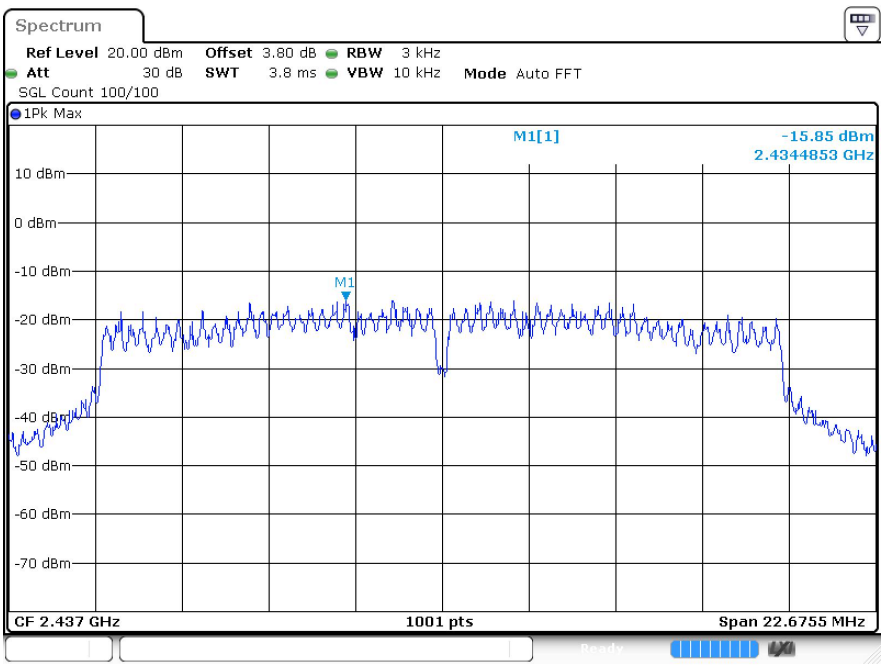
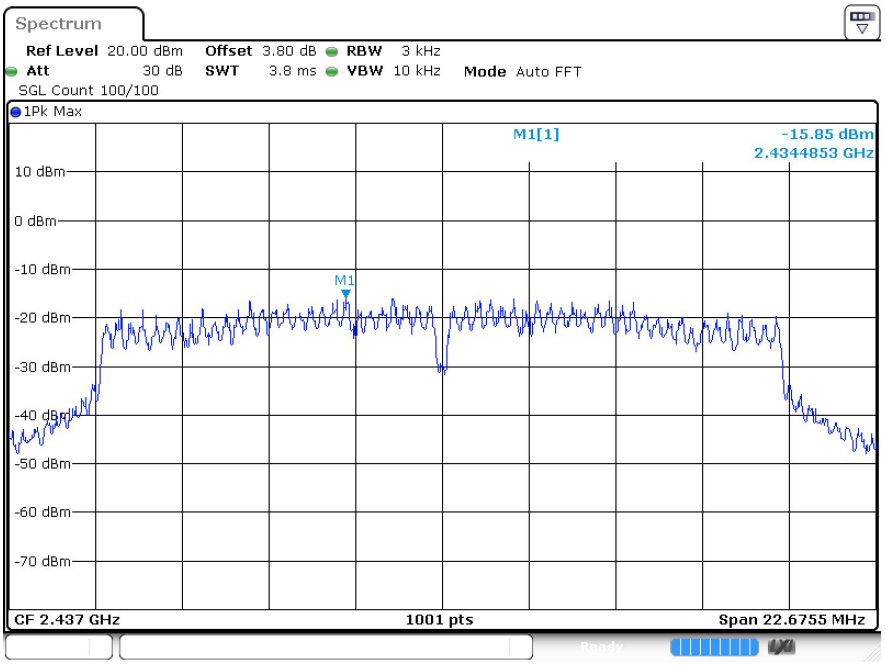
n20 2412MHz Ant1



n20 2437MHz Ant1



n20 2462MHz Ant1



5 Band Edge

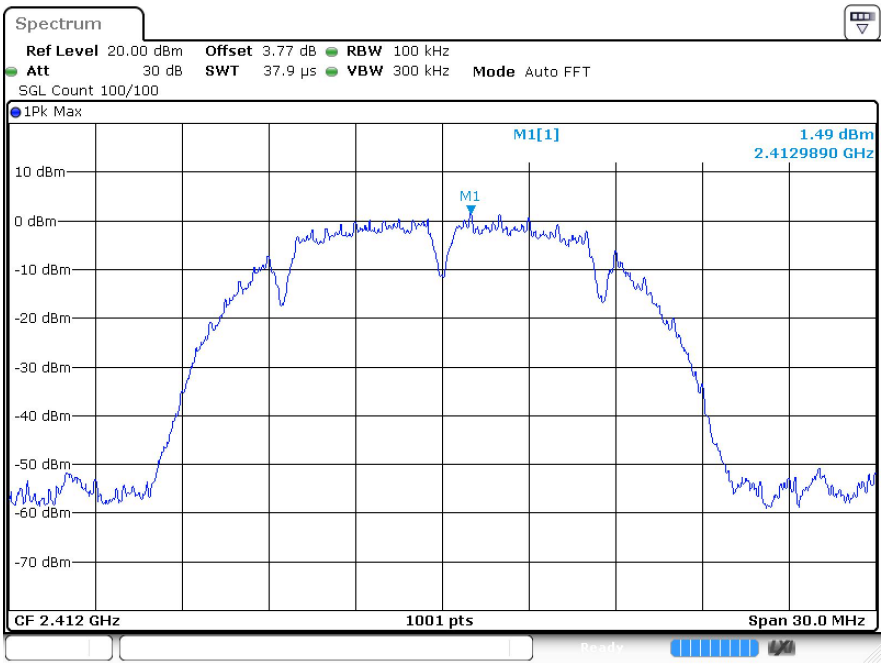
5.1 Test Result

Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
b	2412	Ant1	-54.58	-20	-54.58
b	2462	Ant1	-57.51	-20	Pass
g	2412	Ant1	-54.09	-20	Pass
g	2462	Ant1	-54.45	-20	Pass
n20	2412	Ant1	-53.67	-20	Pass
n20	2462	Ant1	-54.76	-20	Pass

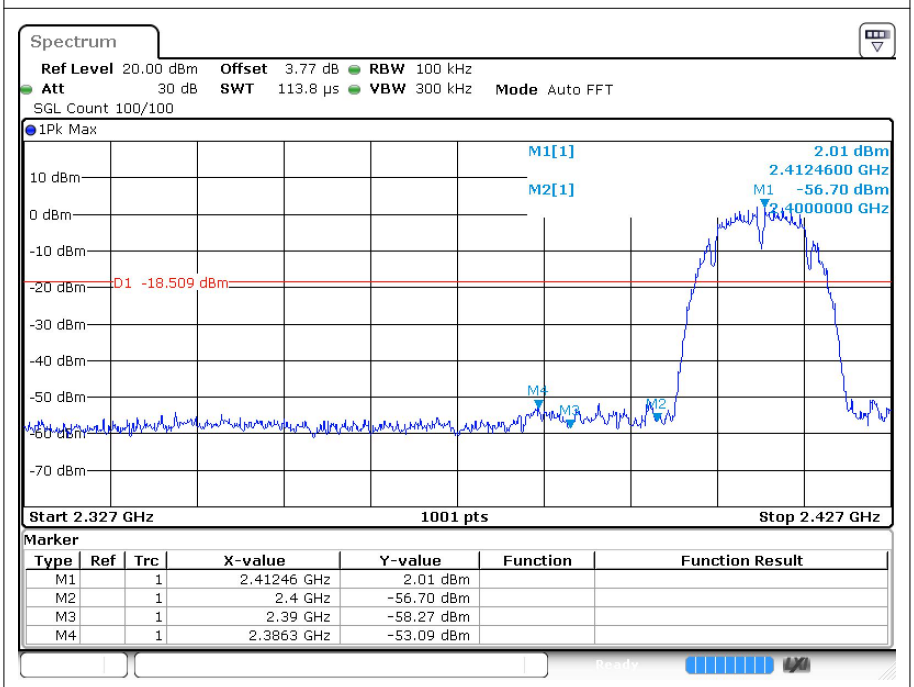
5.2 Test Graphs

Test Graphs

b 2412MHz Ant1 Ref



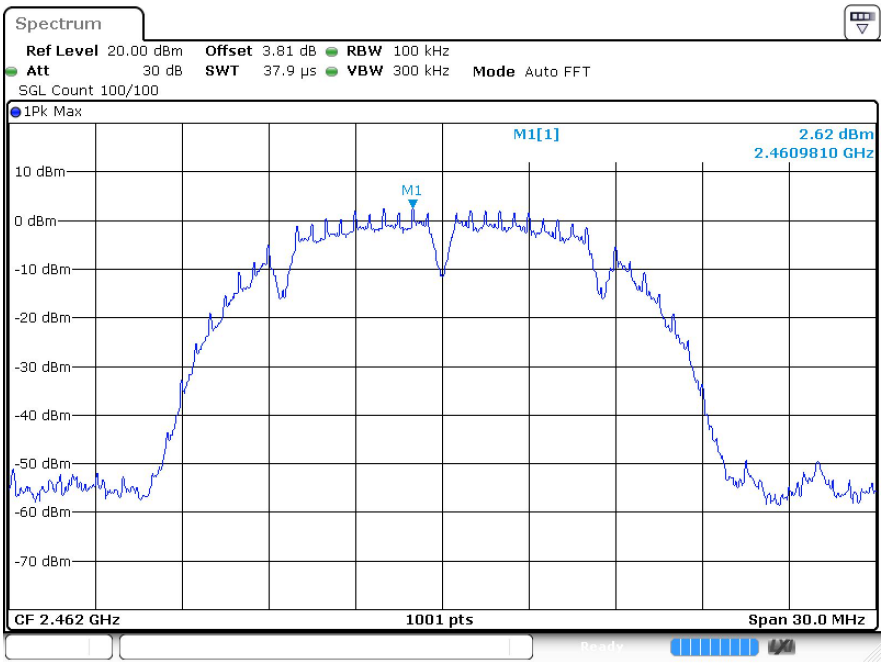
b 2412MHz Ant1 Emission



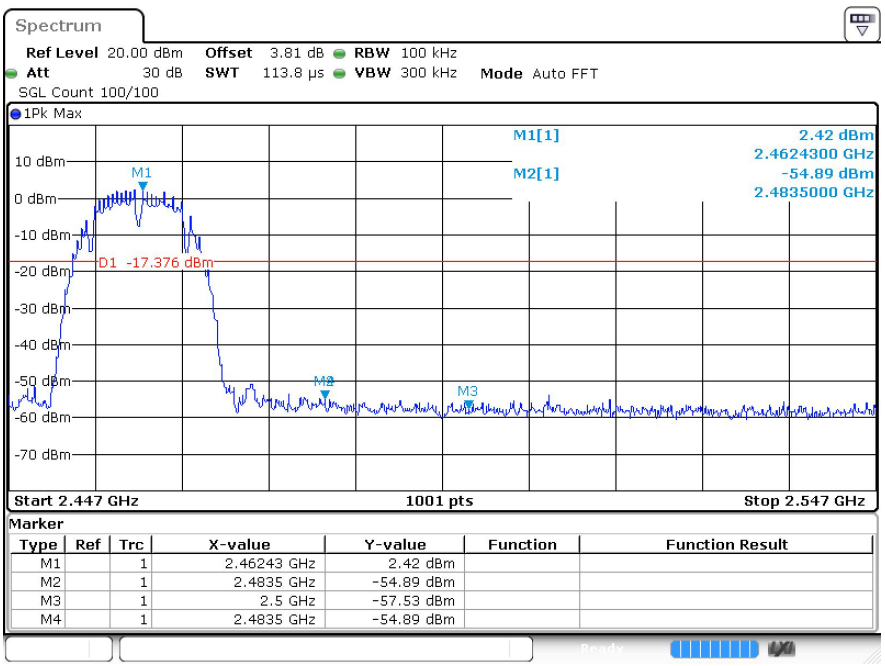
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41246 GHz	2.01 dBm		
M2		1	2.4 GHz	-56.70 dBm		
M3		1	2.39 GHz	-58.27 dBm		
M4		1	2.3863 GHz	-53.09 dBm		

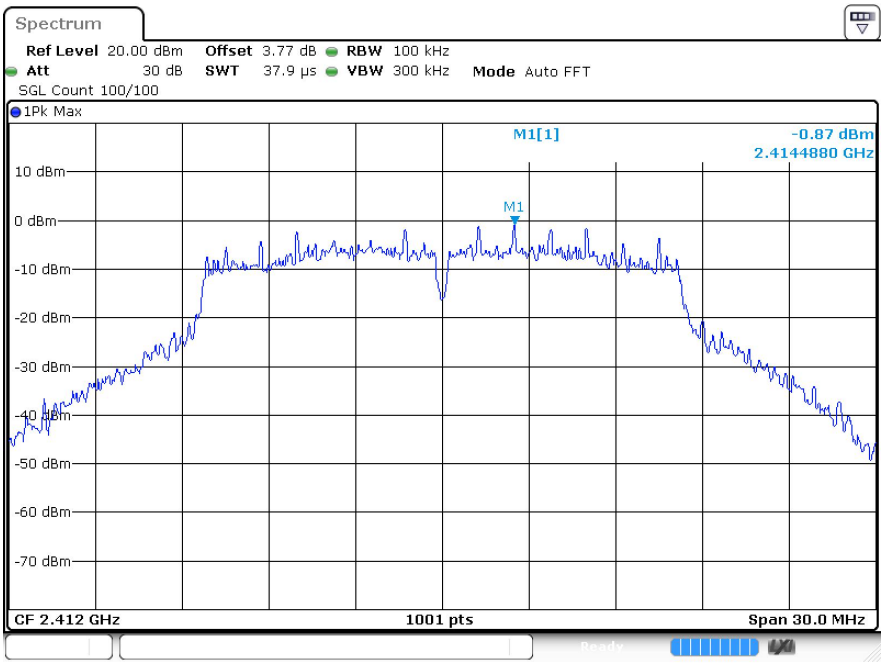
b 2462MHz Ant1 Ref



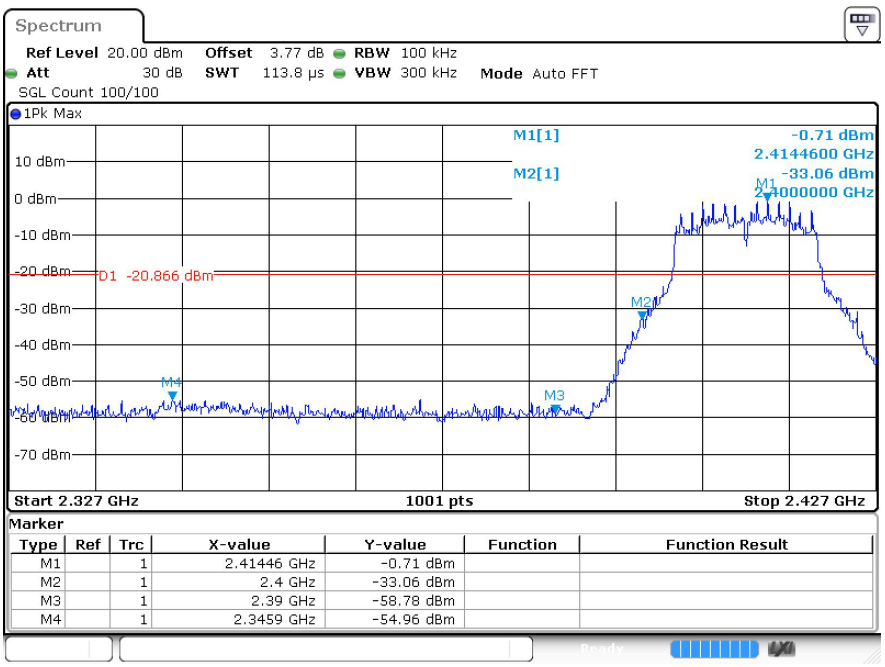
b 2462MHz Ant1 Emission



g 2412MHz Ant1 Ref



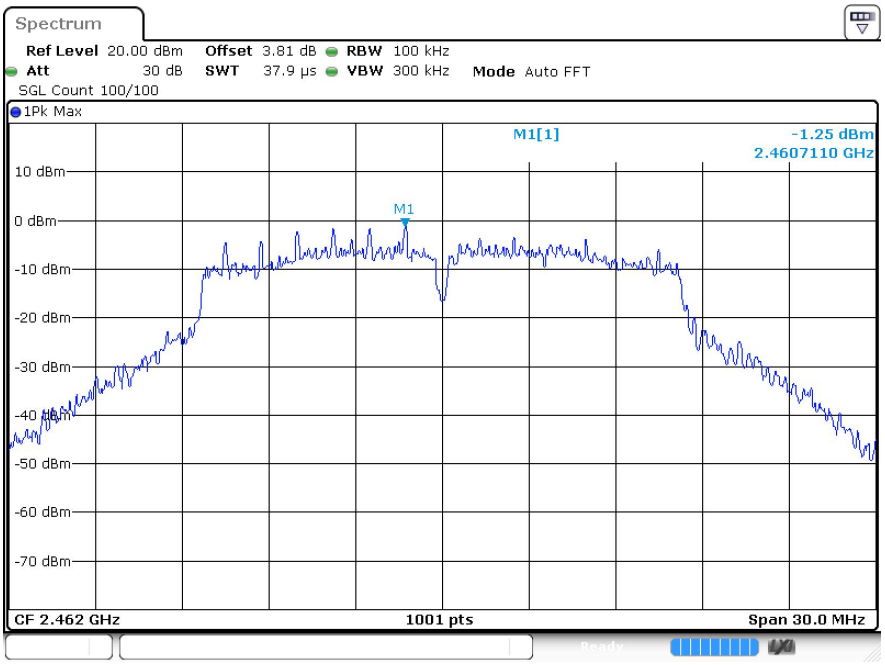
g 2412MHz Ant1 Emission



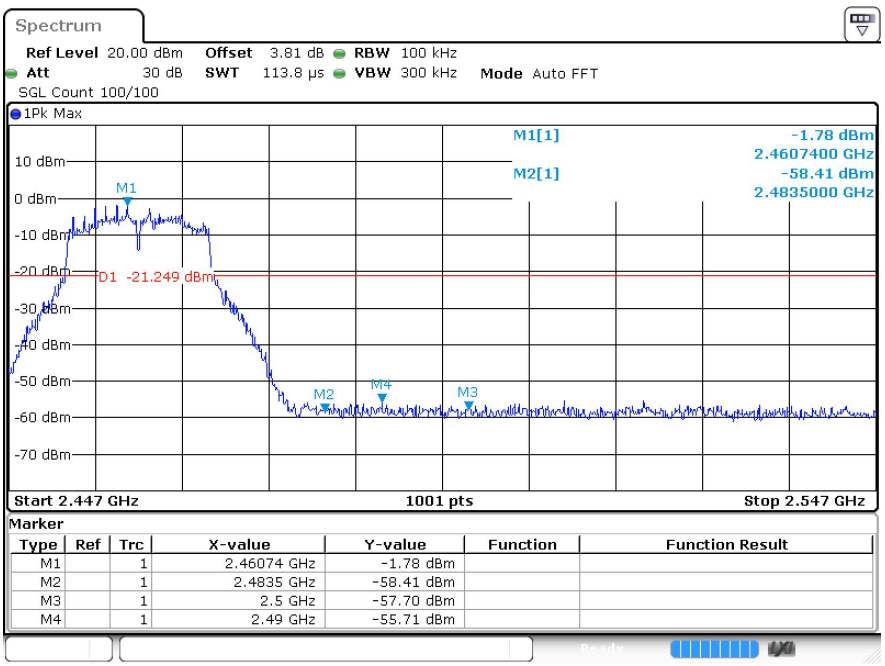
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41446 GHz	-0.71 dBm		
M2		1	2.4 GHz	-33.06 dBm		
M3		1	2.39 GHz	-58.78 dBm		
M4		1	2.3459 GHz	-54.96 dBm		

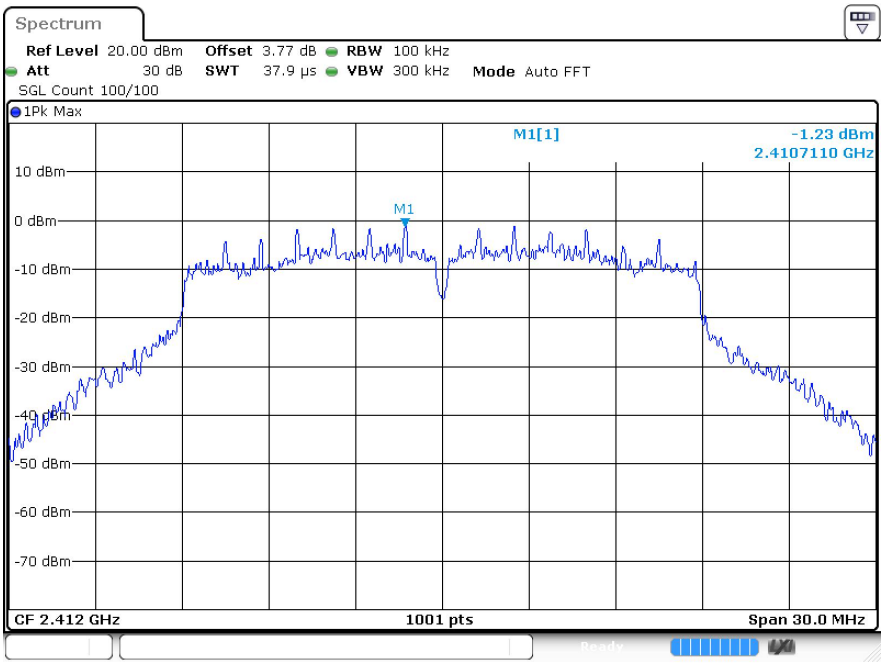
g 2462MHz Ant1 Ref



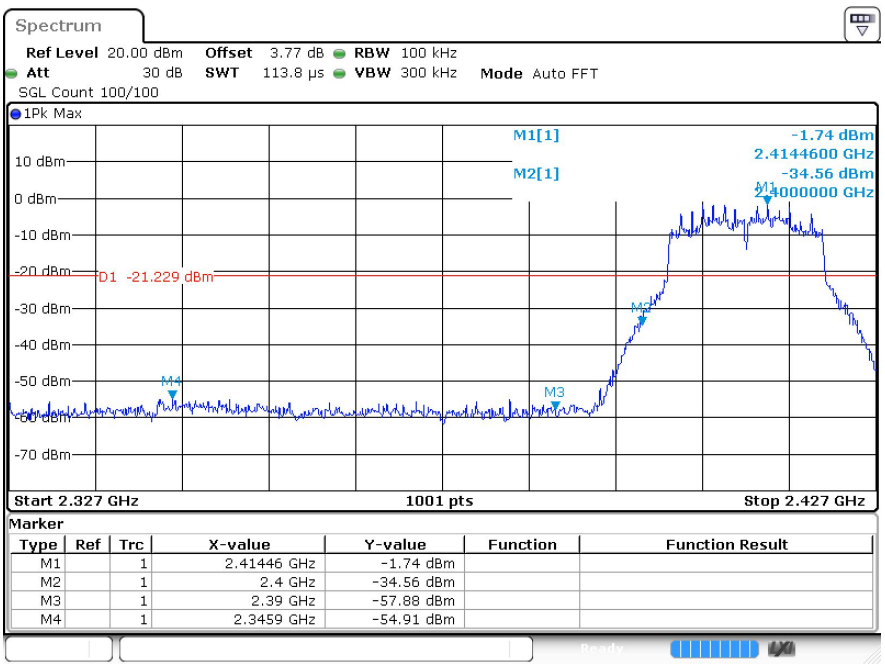
g 2462MHz Ant1 Emission



n20 2412MHz Ant1 Ref



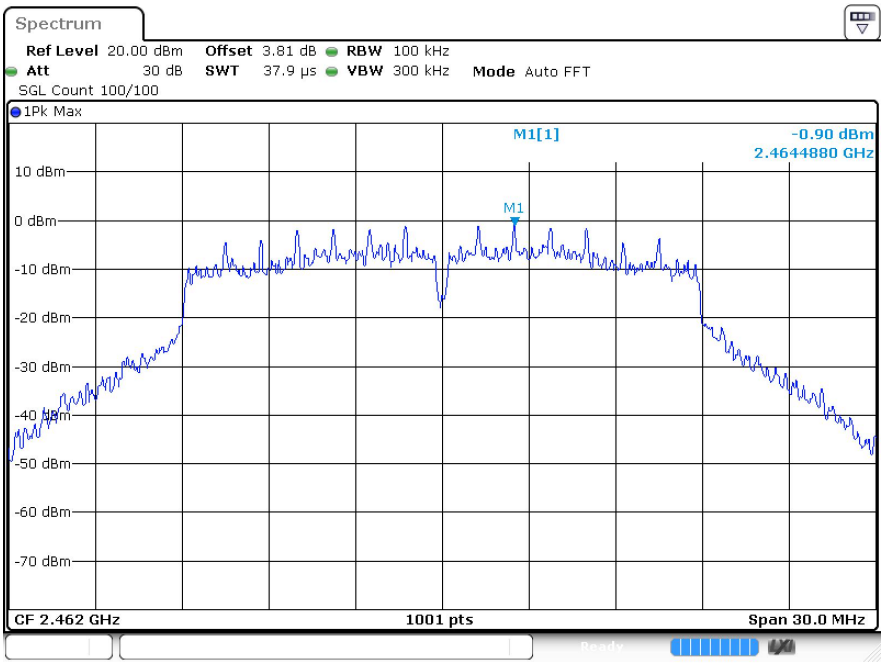
n20 2412MHz Ant1 Emission



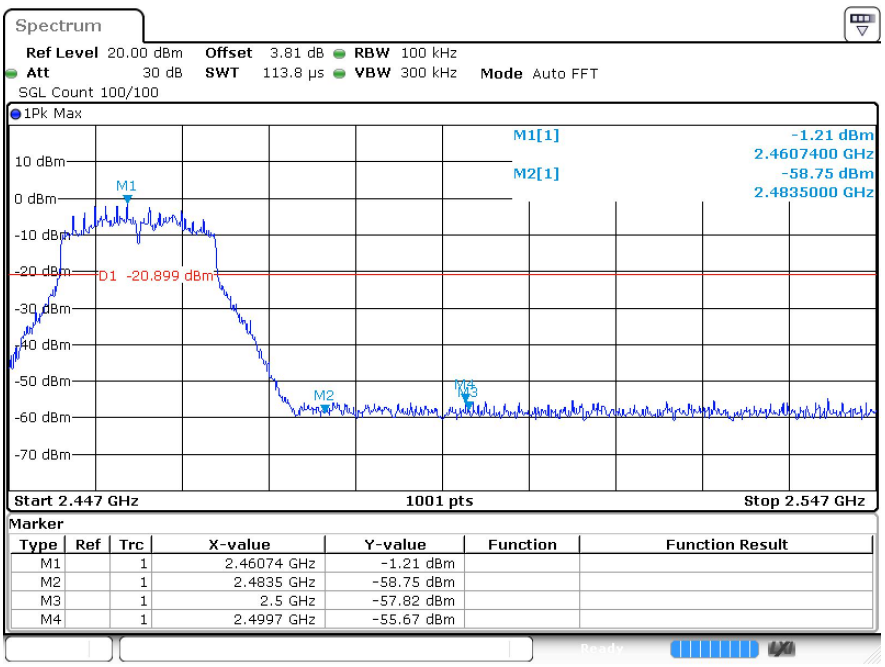
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41446 GHz	-1.74 dBm		
M2		1	2.4 GHz	-34.56 dBm		
M3		1	2.39 GHz	-57.88 dBm		
M4		1	2.3459 GHz	-54.91 dBm		

n20 2462MHz Ant1 Ref



n20 2462MHz Ant1 Emission



6 Conducted RF Spurious Emission

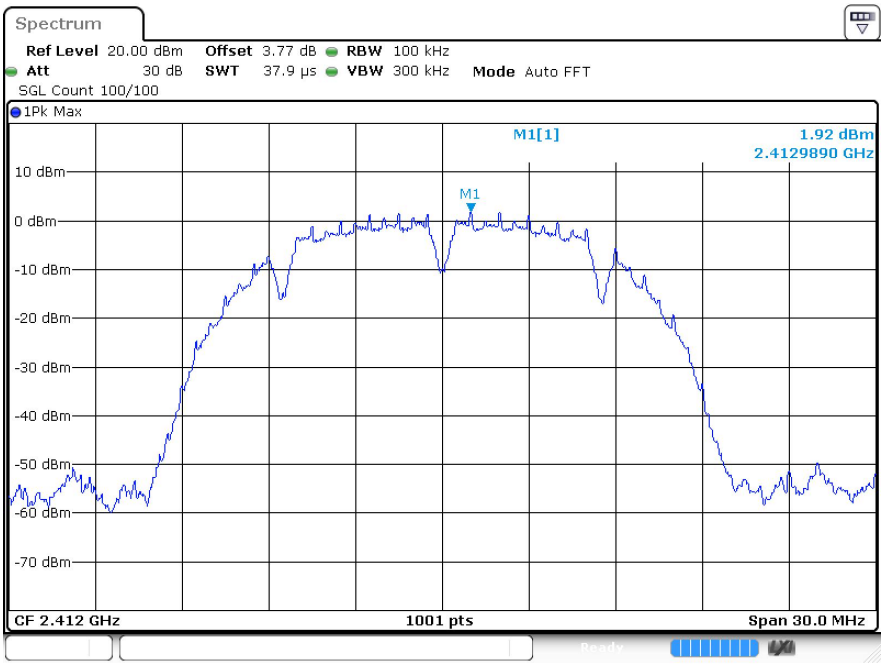
6.1 Test Result

Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
b	2412	Ant1	-46.47	-20	Pass
b	2437	Ant1	-46.88	-20	Pass
b	2462	Ant1	-48.39	-20	Pass
g	2412	Ant1	-44.89	-20	Pass
g	2437	Ant1	-44.99	-20	Pass
g	2462	Ant1	-44.26	-20	Pass
n20	2412	Ant1	-44.91	-20	Pass
n20	2437	Ant1	-44.45	-20	Pass
n20	2462	Ant1	-42.09	-20	Pass

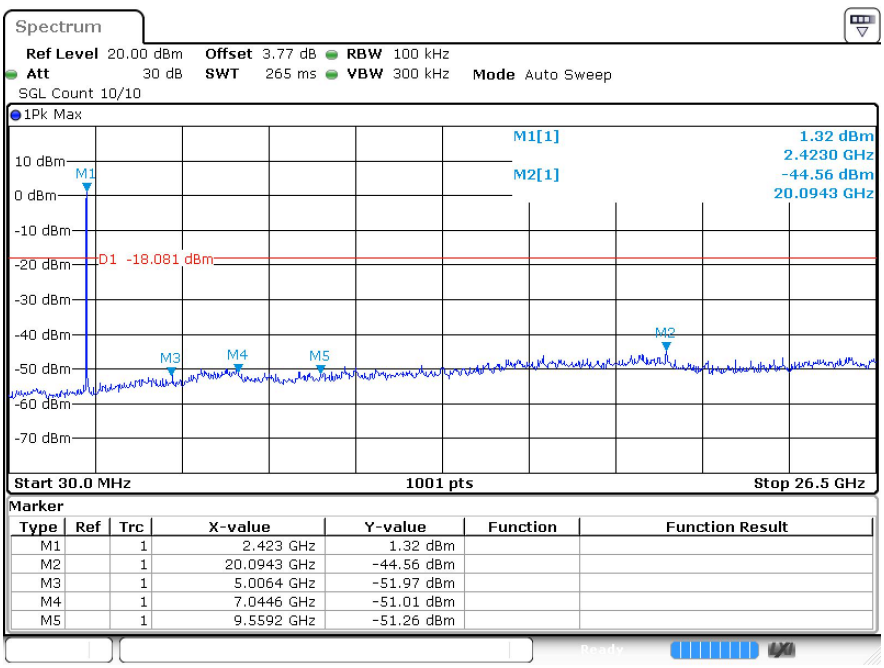
6.2 Test Graphs

Test Graphs

b 2412MHz Ant1 Ref

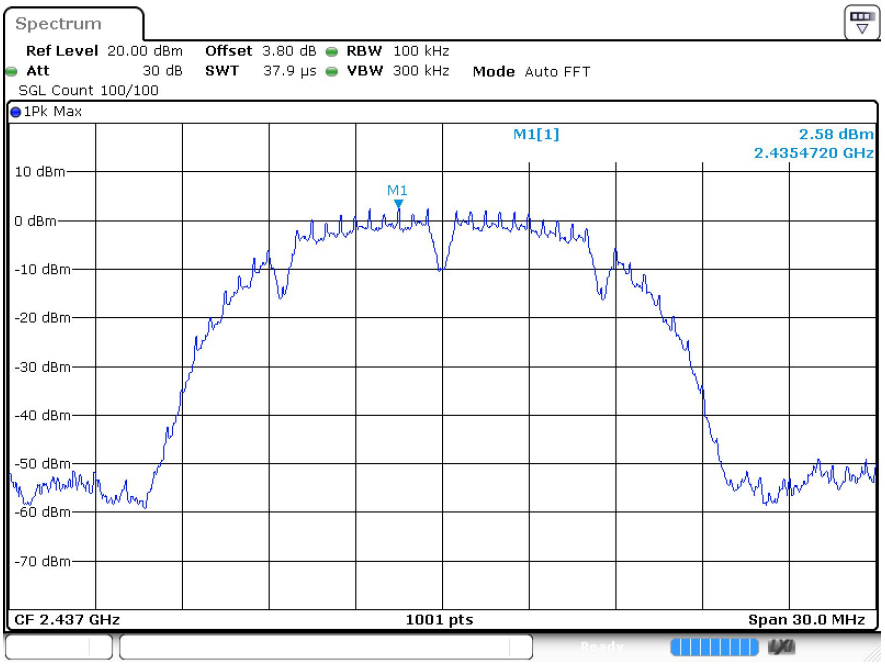


b 2412MHz Ant1 Emission

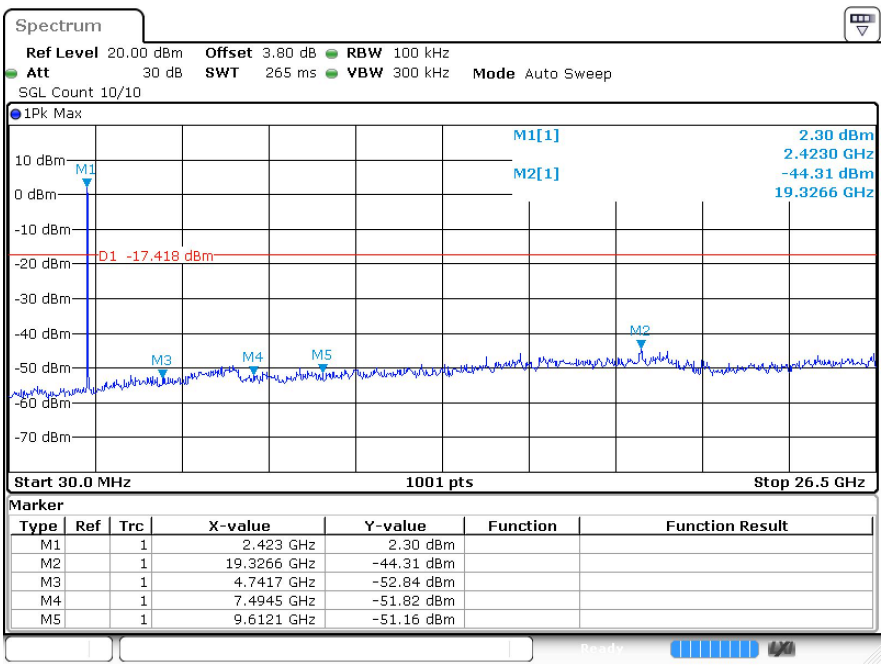


Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	1.32 dBm		
M2		1	20.0943 GHz	-44.56 dBm		
M3		1	5.0064 GHz	-51.97 dBm		
M4		1	7.0446 GHz	-51.01 dBm		
M5		1	9.5592 GHz	-51.26 dBm		

b 2437MHz Ant1 Ref



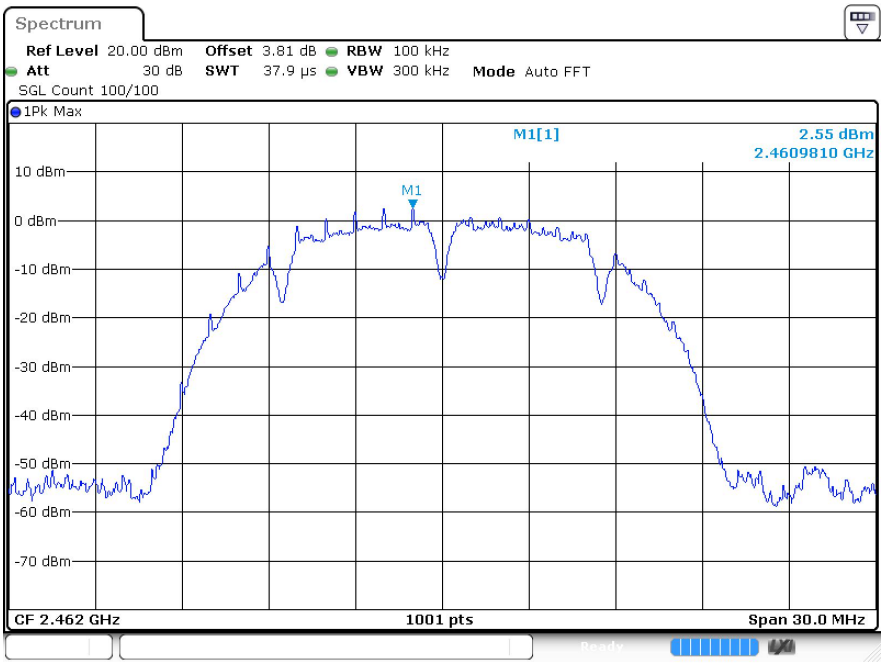
b 2437MHz Ant1 Emission



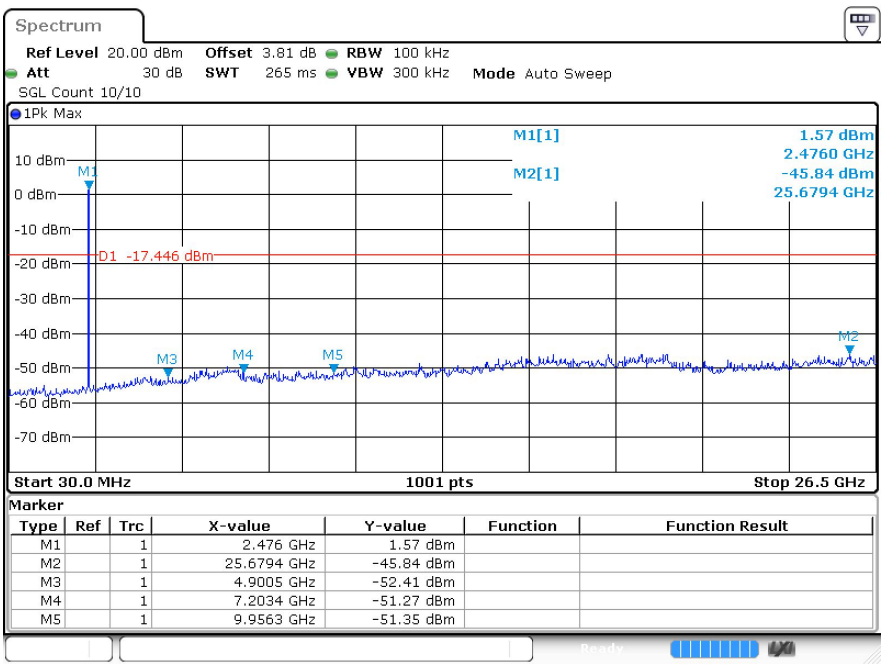
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	2.30 dBm		
M2		1	19.3266 GHz	-44.31 dBm		
M3		1	4.7417 GHz	-52.84 dBm		
M4		1	7.4945 GHz	-51.82 dBm		
M5		1	9.6121 GHz	-51.16 dBm		

b 2462MHz Ant1 Ref



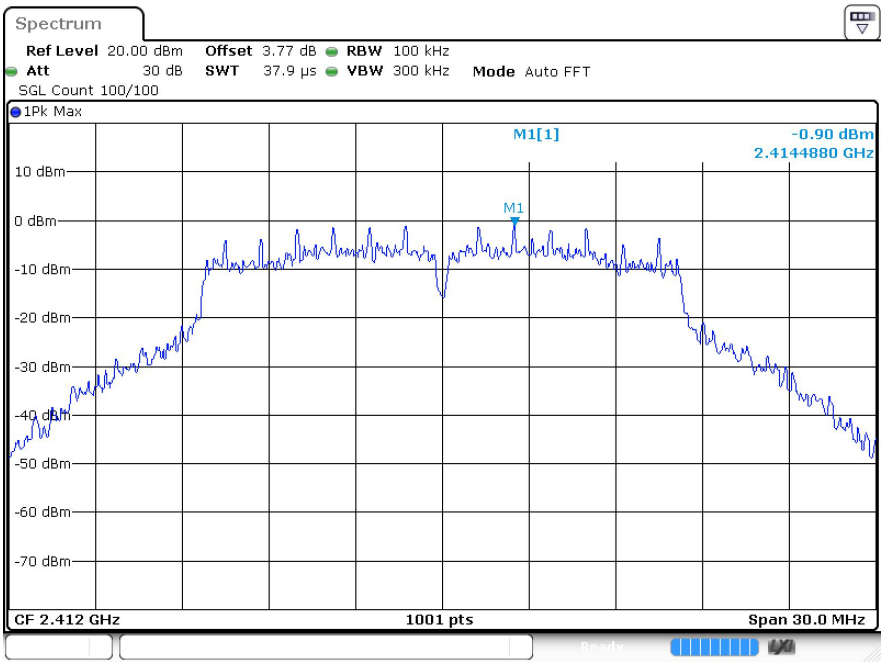
b 2462MHz Ant1 Emission



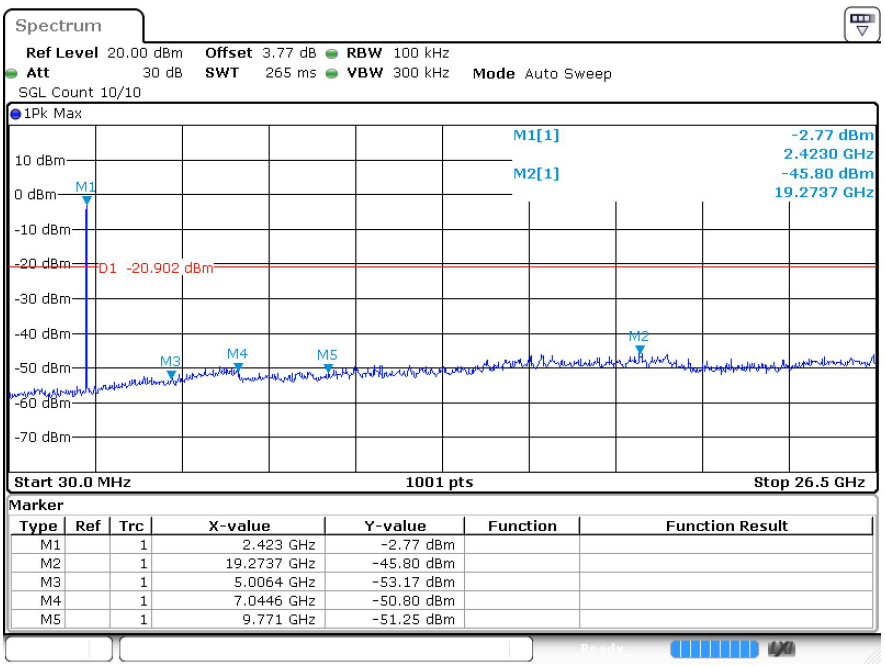
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.476 GHz	1.57 dBm		
M2		1	25.6794 GHz	-45.84 dBm		
M3		1	4.9005 GHz	-52.41 dBm		
M4		1	7.2034 GHz	-51.27 dBm		
M5		1	9.9563 GHz	-51.35 dBm		

g 2412MHz Ant1 Ref



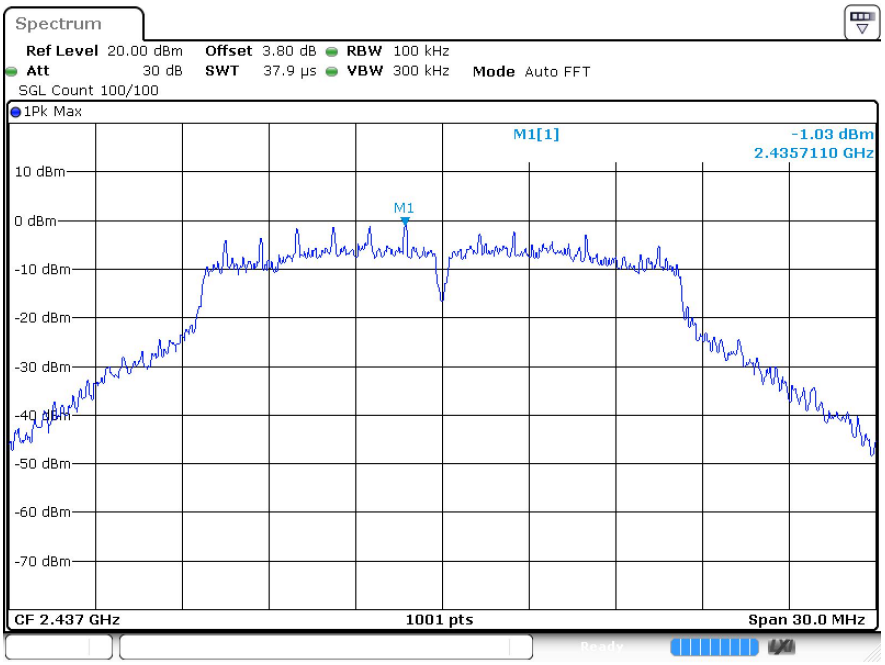
g 2412MHz Ant1 Emission



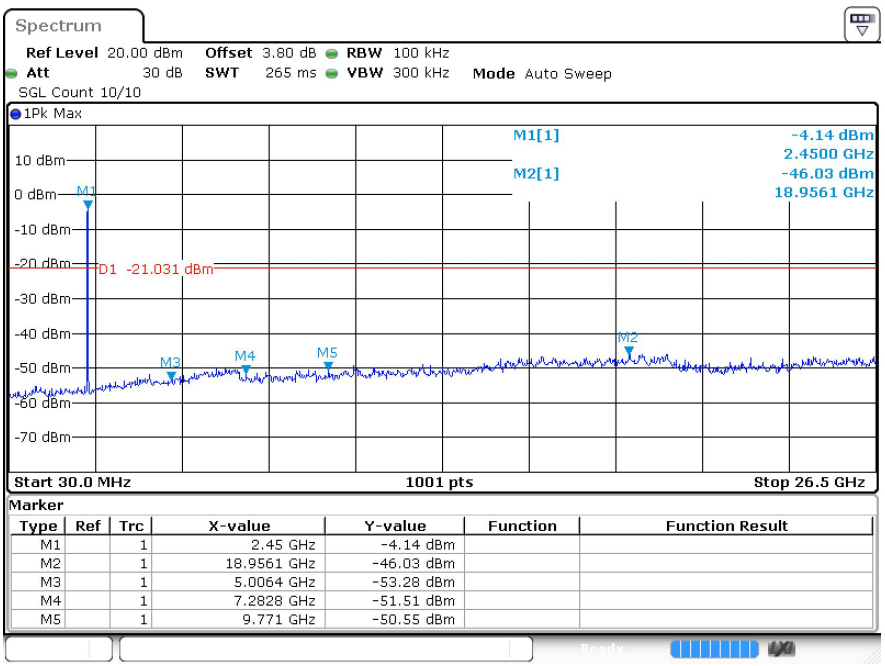
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-2.77 dBm		
M2		1	19.2737 GHz	-45.80 dBm		
M3		1	5.0064 GHz	-53.17 dBm		
M4		1	7.0446 GHz	-50.80 dBm		
M5		1	9.771 GHz	-51.25 dBm		

g 2437MHz Ant1 Ref



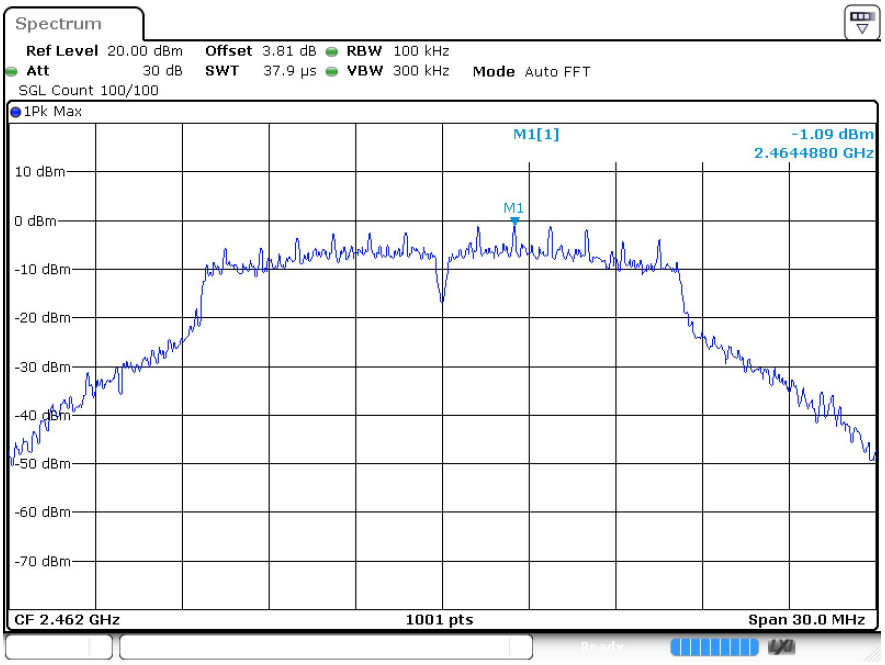
g 2437MHz Ant1 Emission



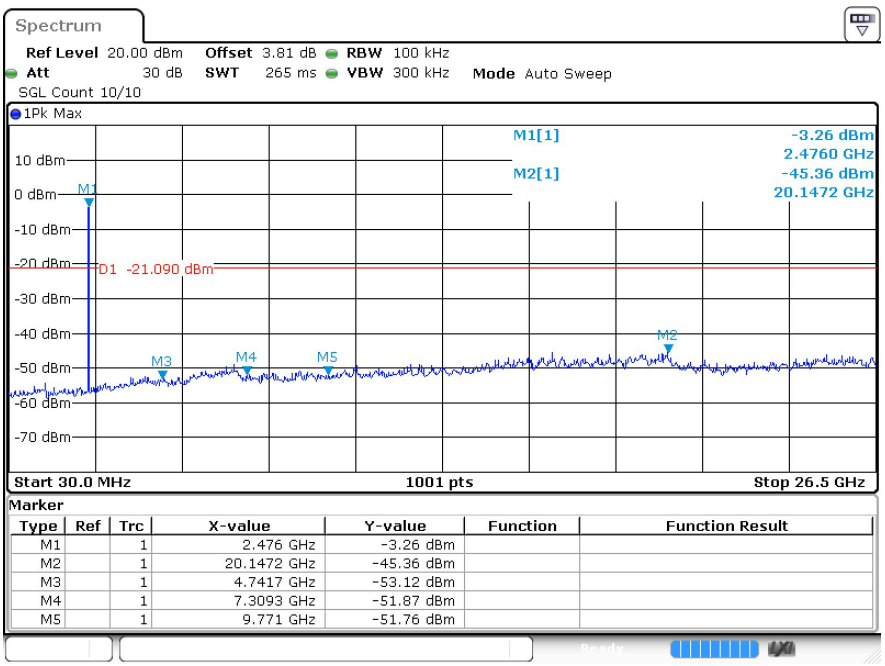
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-4.14 dBm		
M2		1	18.9561 GHz	-46.03 dBm		
M3		1	5.0064 GHz	-53.28 dBm		
M4		1	7.2828 GHz	-51.51 dBm		
M5		1	9.771 GHz	-50.55 dBm		

g 2462MHz Ant1 Ref



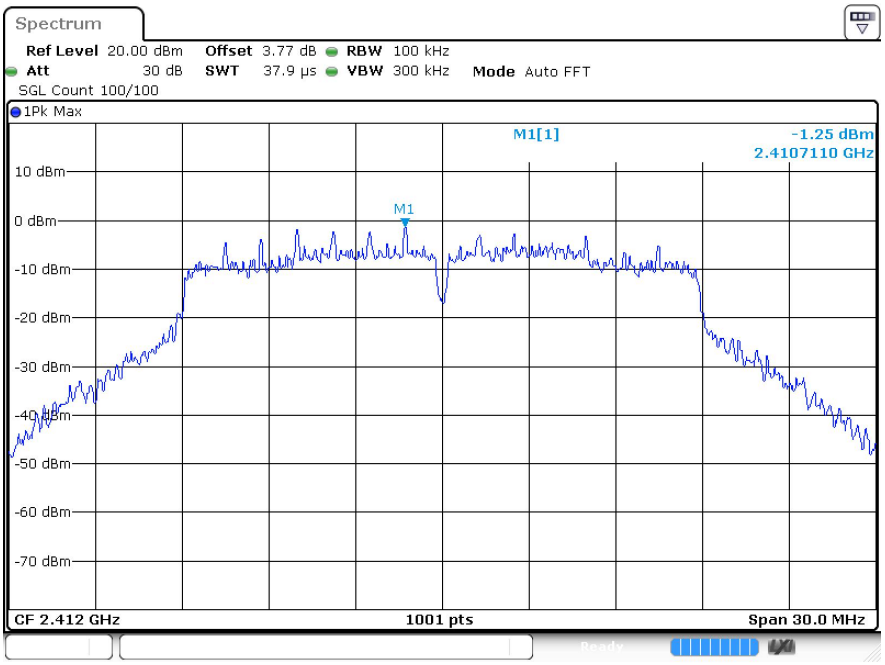
g 2462MHz Ant1 Emission



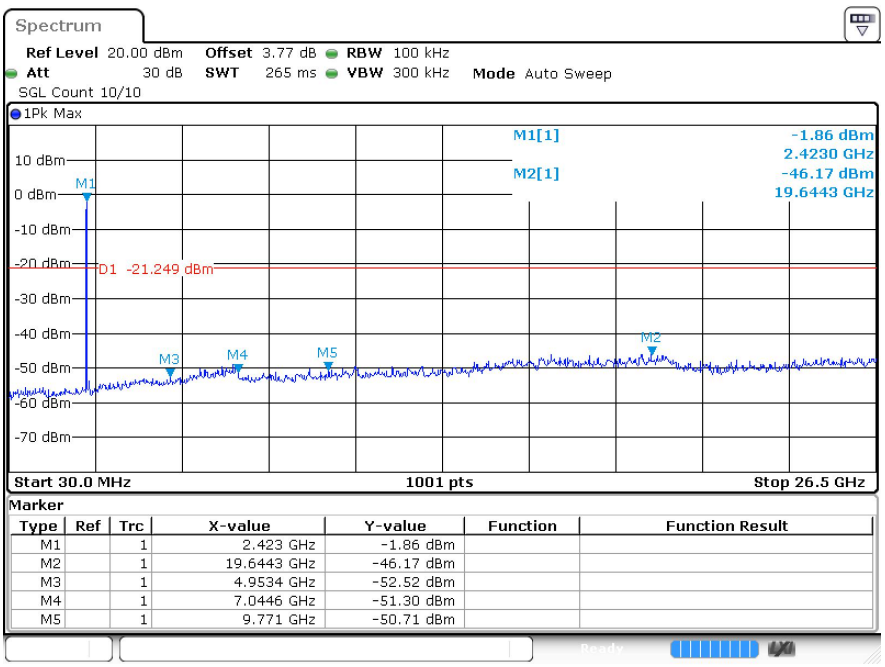
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.476 GHz	-3.26 dBm		
M2		1	20.1472 GHz	-45.36 dBm		
M3		1	4.7417 GHz	-53.12 dBm		
M4		1	7.3093 GHz	-51.87 dBm		
M5		1	9.771 GHz	-51.76 dBm		

n20 2412MHz Ant1 Ref



n20 2412MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-1.86 dBm		
M2		1	19.6443 GHz	-46.17 dBm		
M3		1	4.9534 GHz	-52.52 dBm		
M4		1	7.0446 GHz	-51.30 dBm		
M5		1	9.771 GHz	-50.71 dBm		