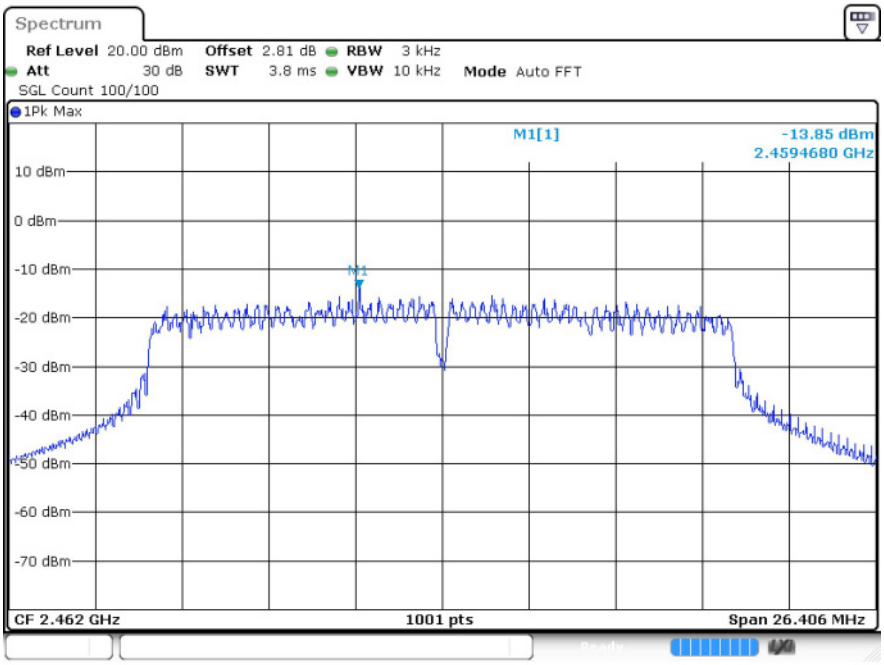
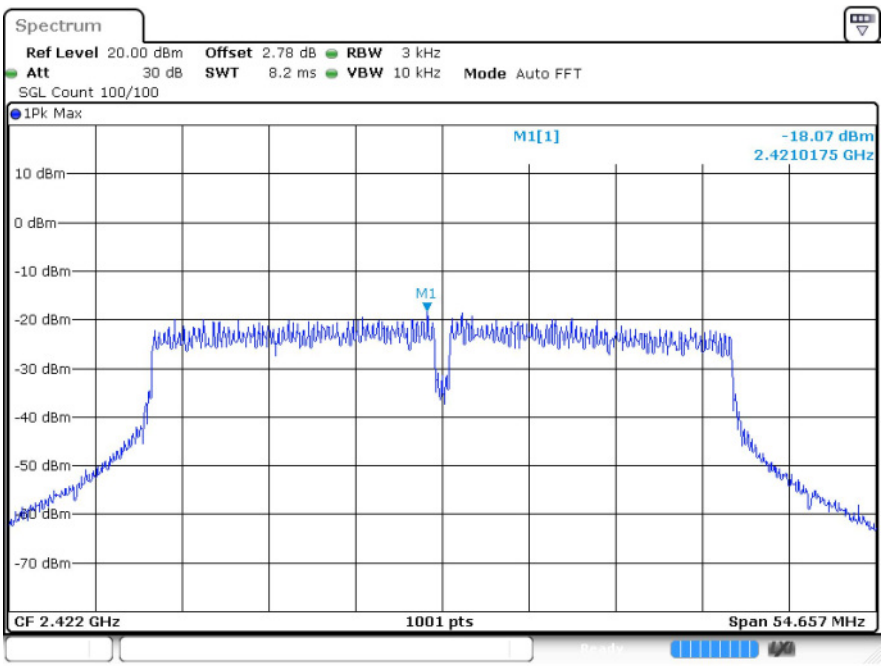
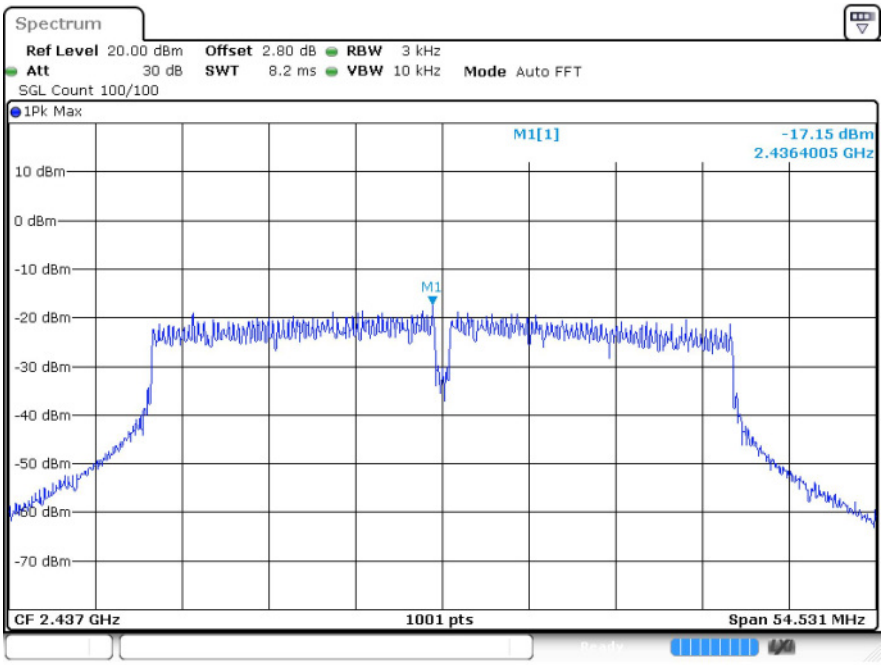
n20 2462MHz Ant1



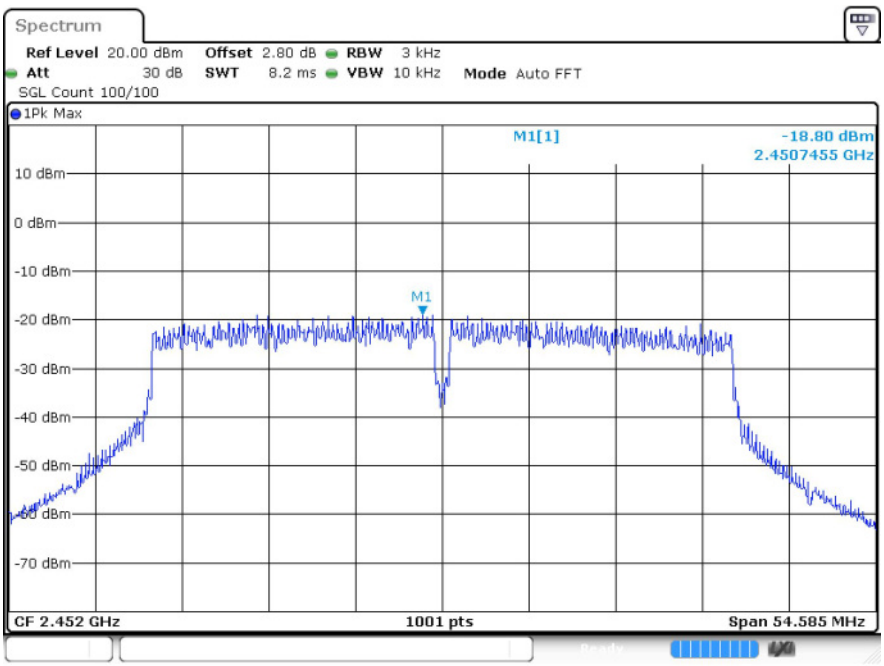
n40 2422MHz Ant1



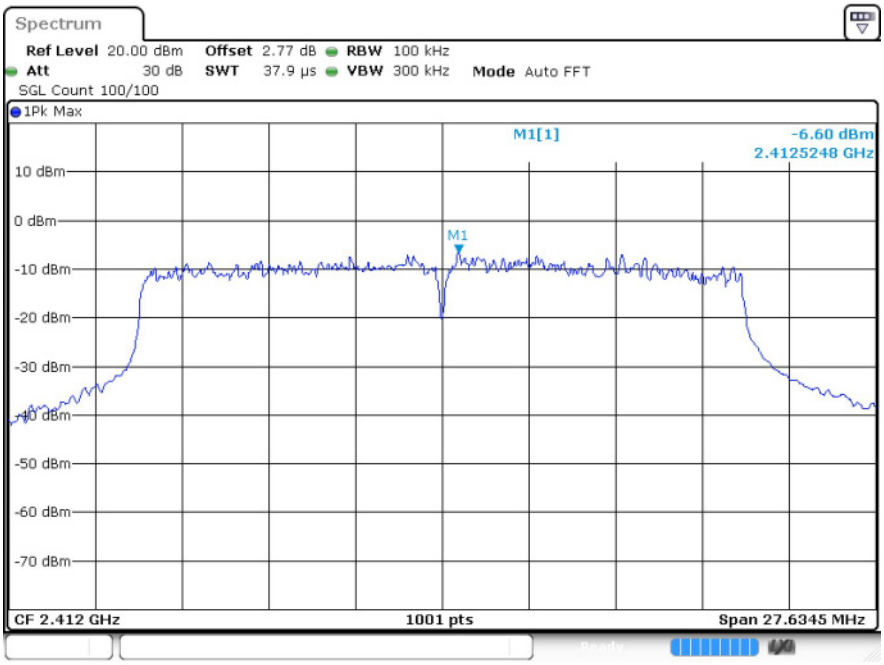
n40 2437MHz Ant1



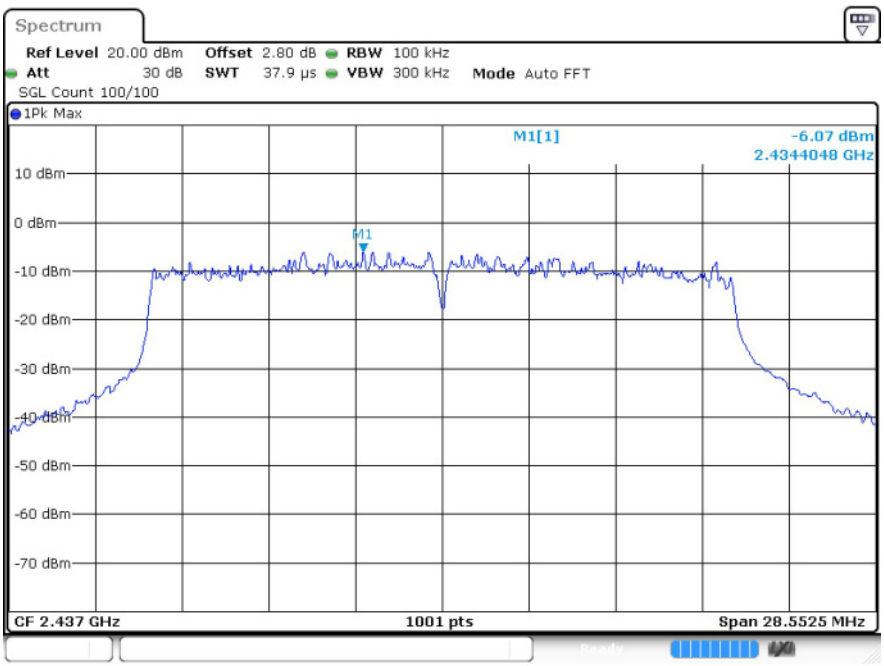
n40 2452MHz Ant1



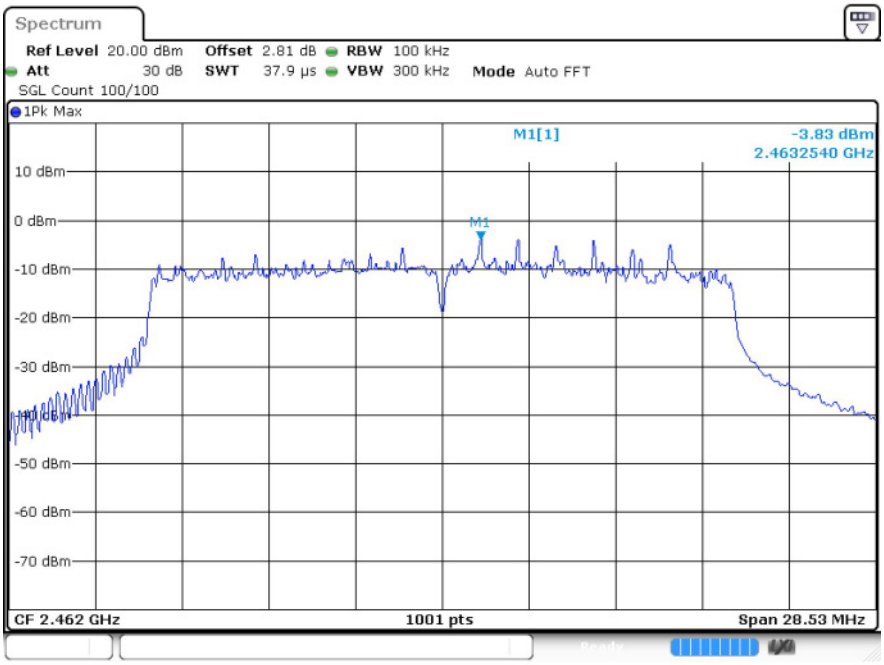
ax20 2412MHz Ant1



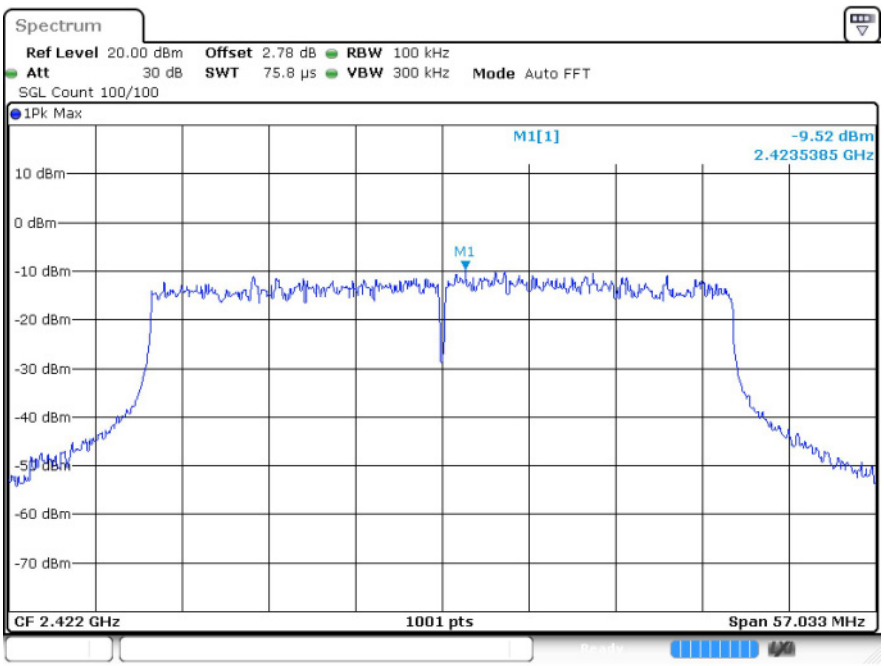
ax20 2437MHz Ant1



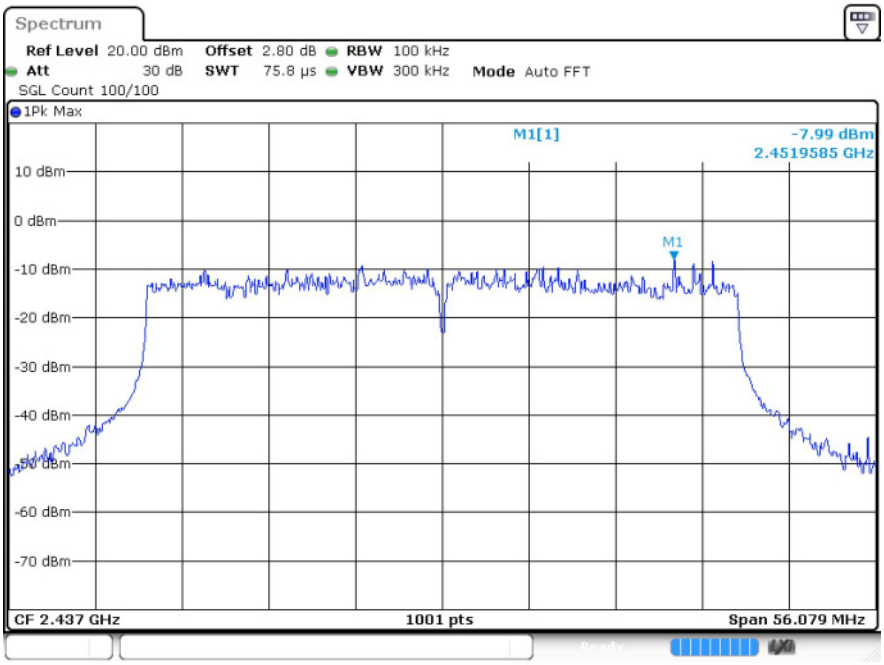
ax20 2462MHz Ant1



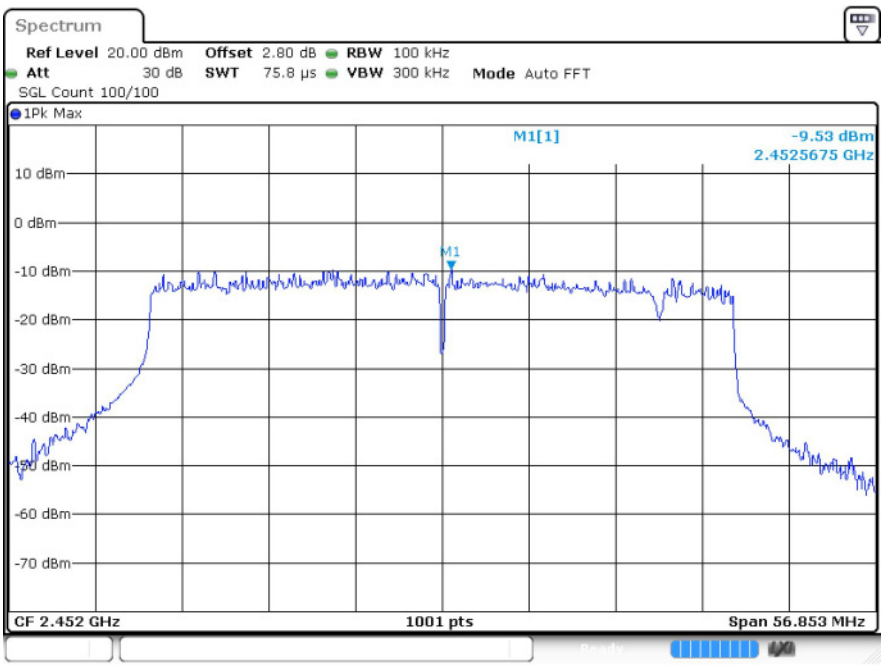
ax40 2422MHz Ant1



ax40 2437MHz Ant1



ax40 2452MHz Ant1



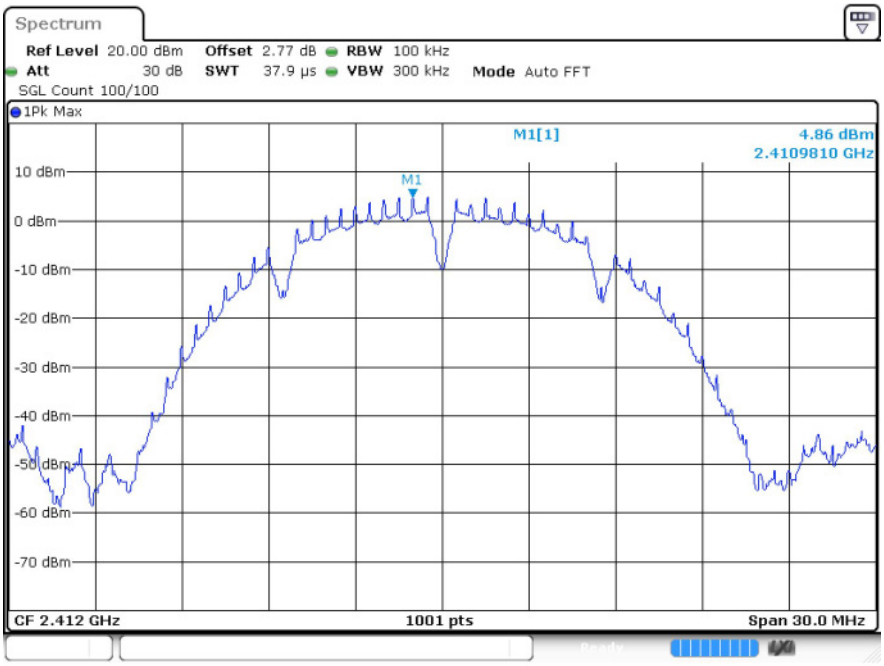
5 Band Edge

5.1 Test Result

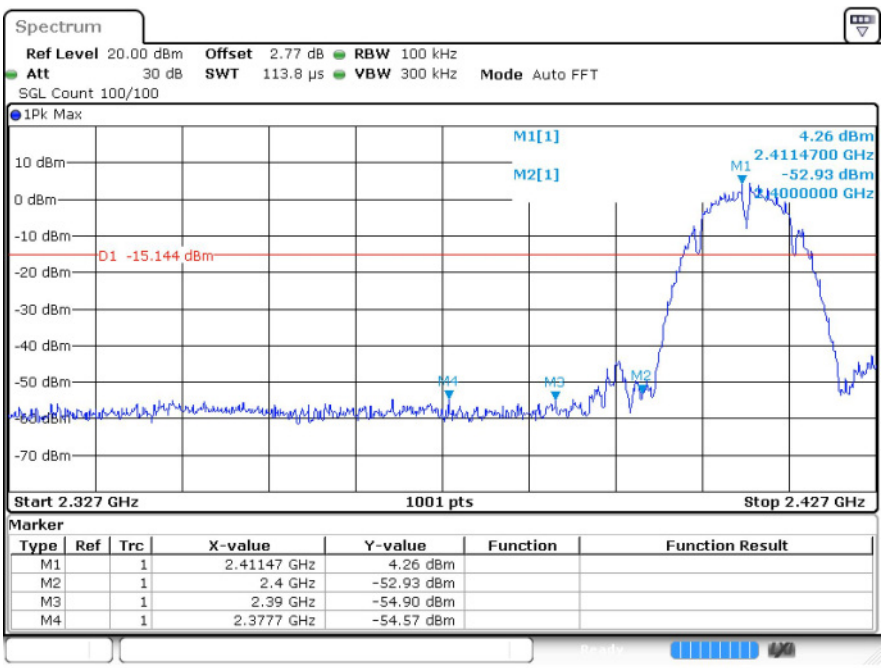
Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
b	2412	Ant1	-59.43	-20	Pass
b	2462	Ant1	-58.28	-20	Pass
g	2412	Ant1	-49.53	-20	Pass
g	2462	Ant1	-47.9	-20	Pass
n20	2412	Ant1	-46.16	-20	Pass
n20	2462	Ant1	-48.27	-20	Pass
n40	2422	Ant1	-41.89	-20	Pass
n40	2452	Ant1	-40.38	-20	Pass
ax20	2412	Ant1	-46.59	-20	Pass
ax20	2462	Ant1	-47.63	-20	Pass
ax40	2422	Ant1	-41.28	-20	Pass
ax40	2452	Ant1	-42.3	-20	Pass

5.2 Test Graphs

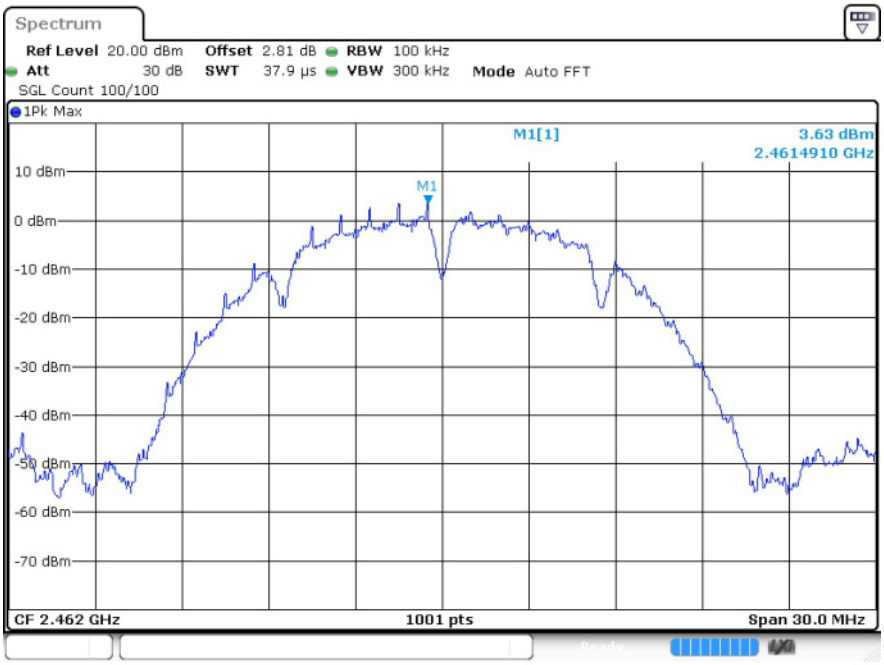
Test Graphs
b 2412MHz Ant1 Ref



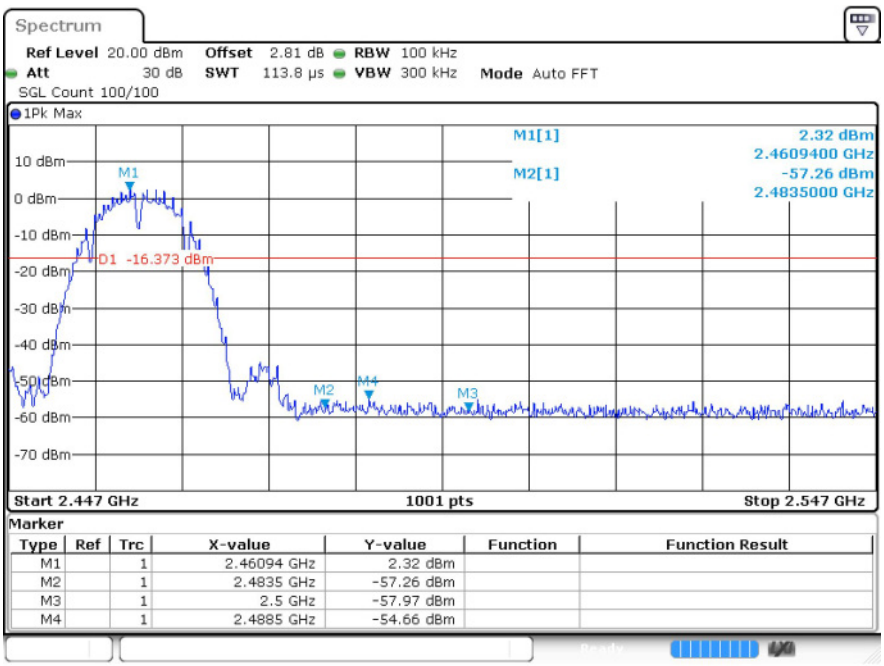
b 2412MHz Ant1 Emission



b 2462MHz Ant1 Ref



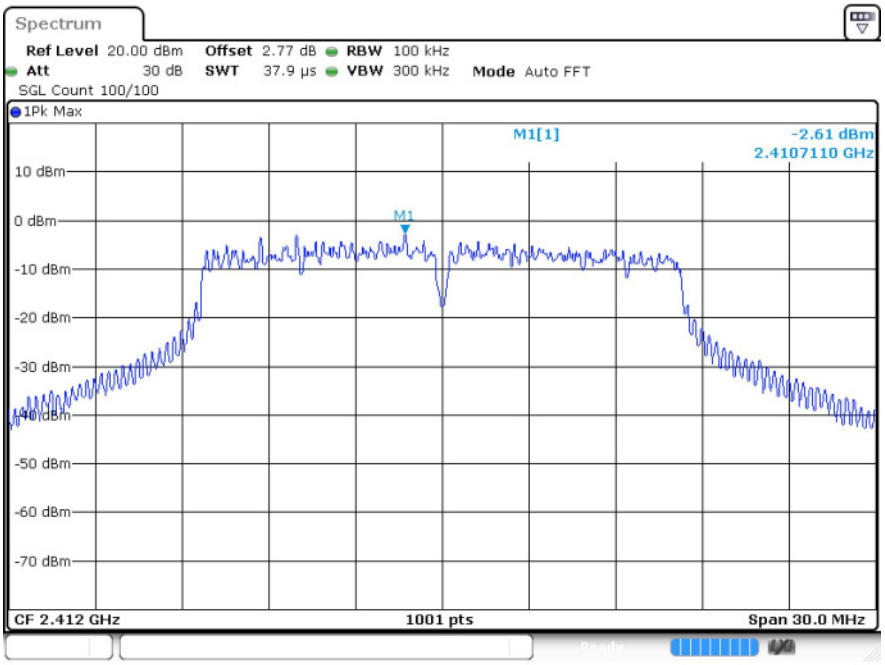
b 2462MHz Ant1 Emission



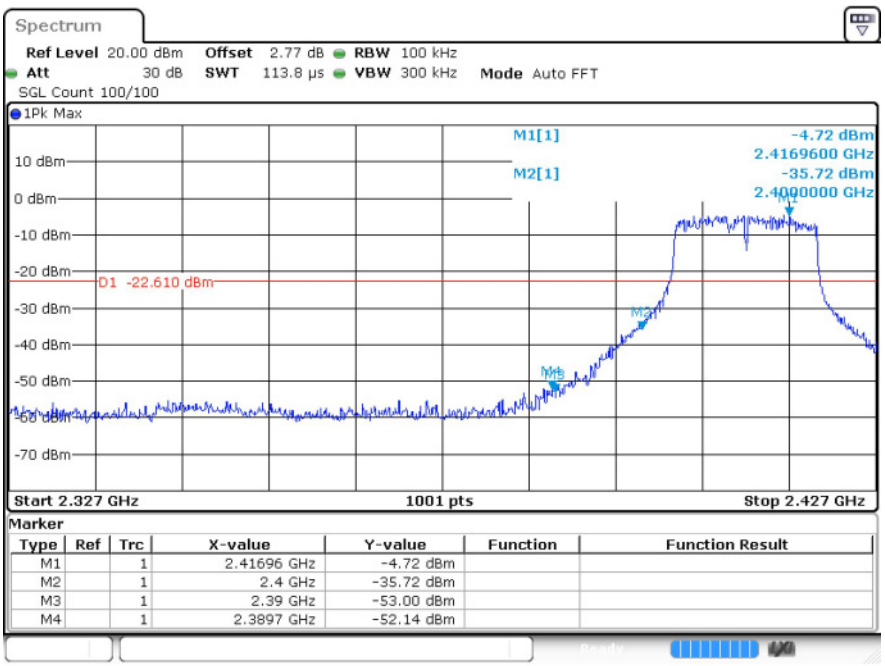
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46094 GHz	2.32 dBm		
M2		1	2.4835 GHz	-57.26 dBm		
M3		1	2.5 GHz	-57.97 dBm		
M4		1	2.4885 GHz	-54.66 dBm		

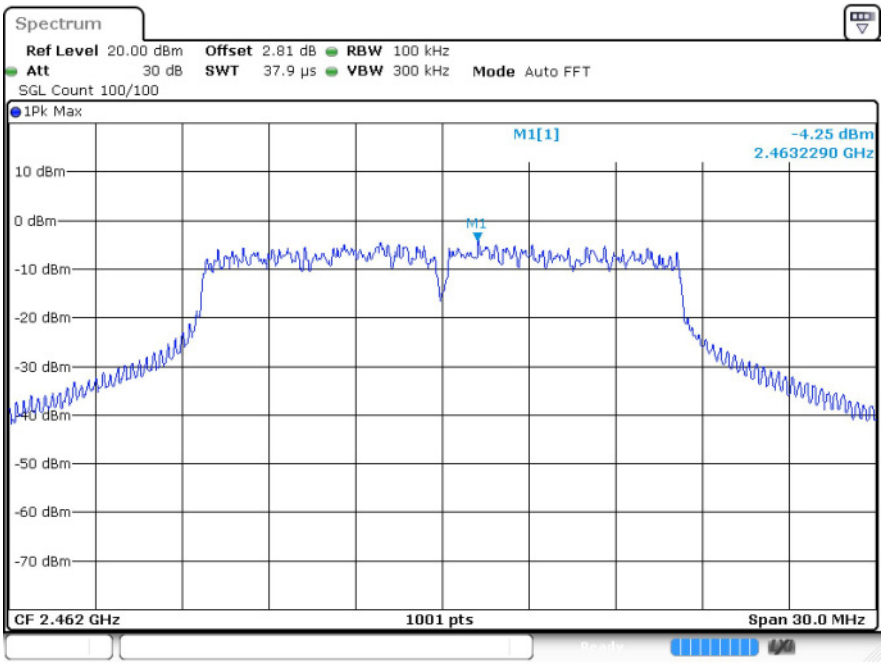
g 2412MHz Ant1 Ref



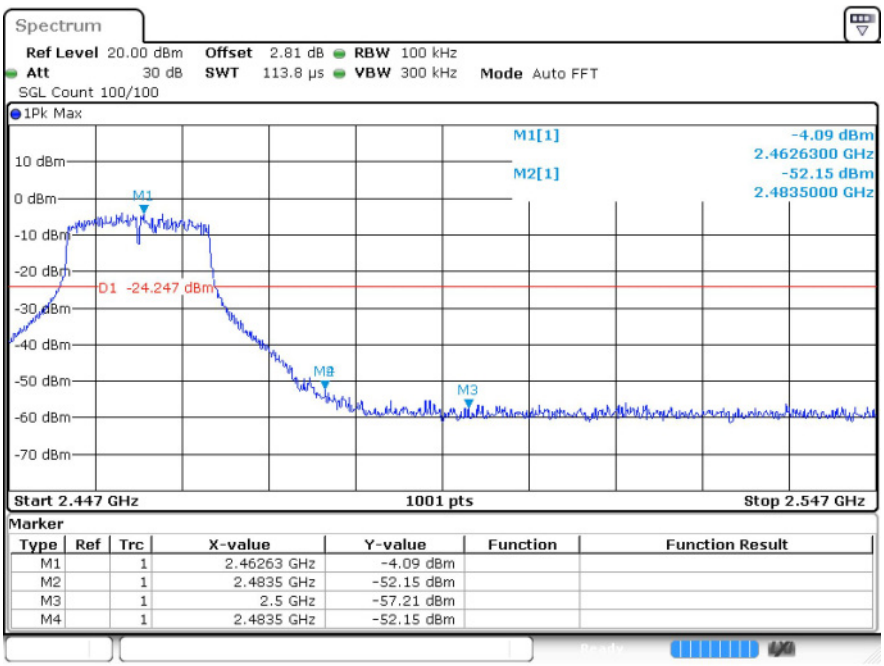
g 2412MHz Ant1 Emission



g 2462MHz Ant1 Ref



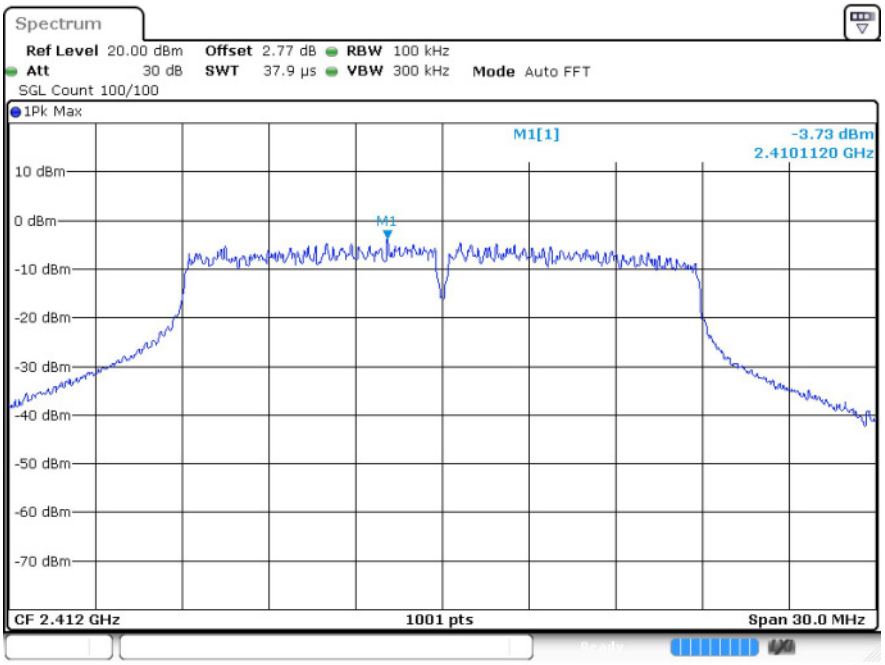
g 2462MHz Ant1 Emission



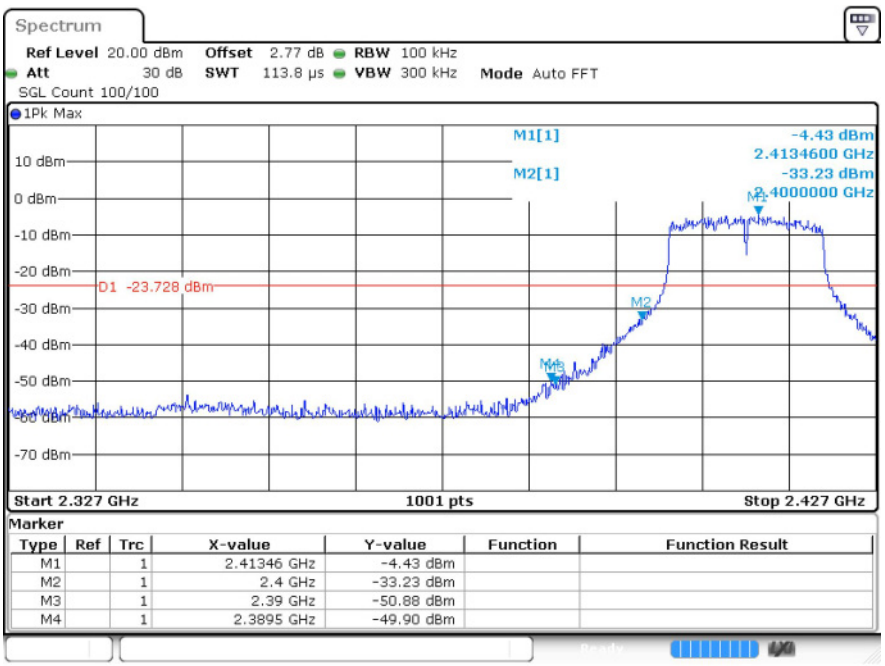
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46263 GHz	-4.09 dBm		
M2		1	2.4835 GHz	-52.15 dBm		
M3		1	2.5 GHz	-57.21 dBm		
M4		1	2.4835 GHz	-52.15 dBm		

n20 2412MHz Ant1 Ref



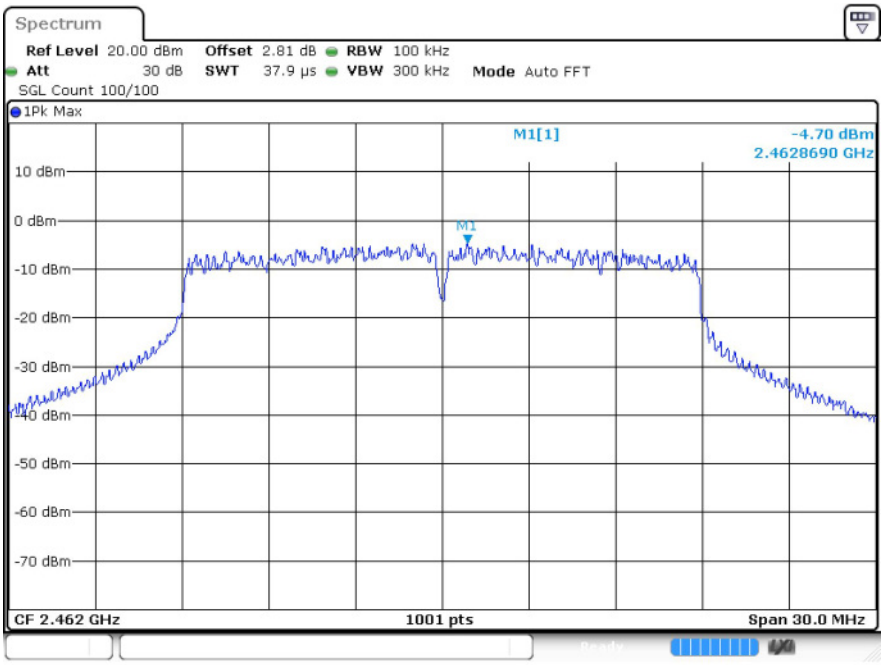
n20 2412MHz Ant1 Emission



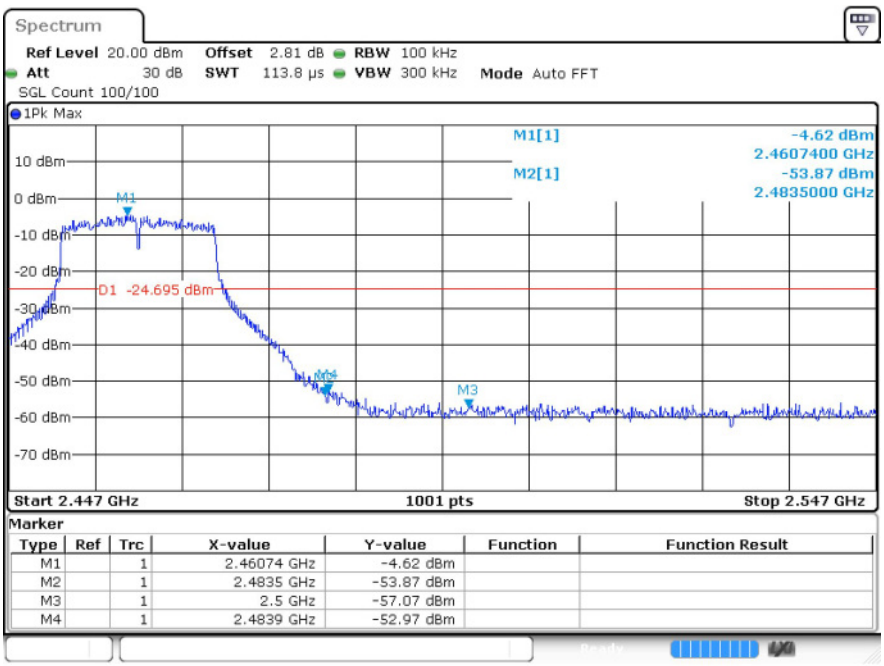
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41346 GHz	-4.43 dBm		
M2		1	2.4 GHz	-33.23 dBm		
M3		1	2.39 GHz	-50.88 dBm		
M4		1	2.3895 GHz	-49.90 dBm		

n20 2462MHz Ant1 Ref



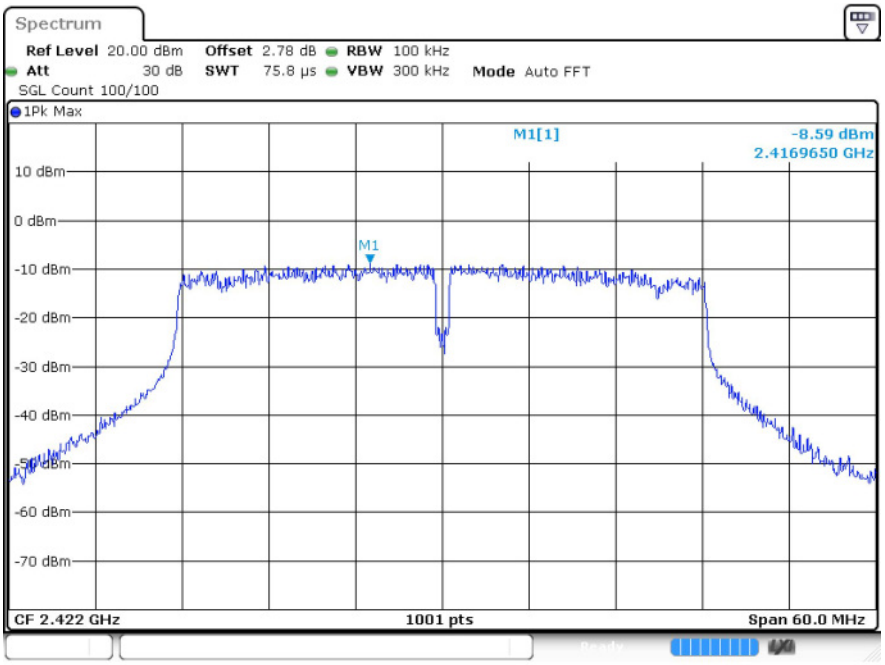
n20 2462MHz Ant1 Emission



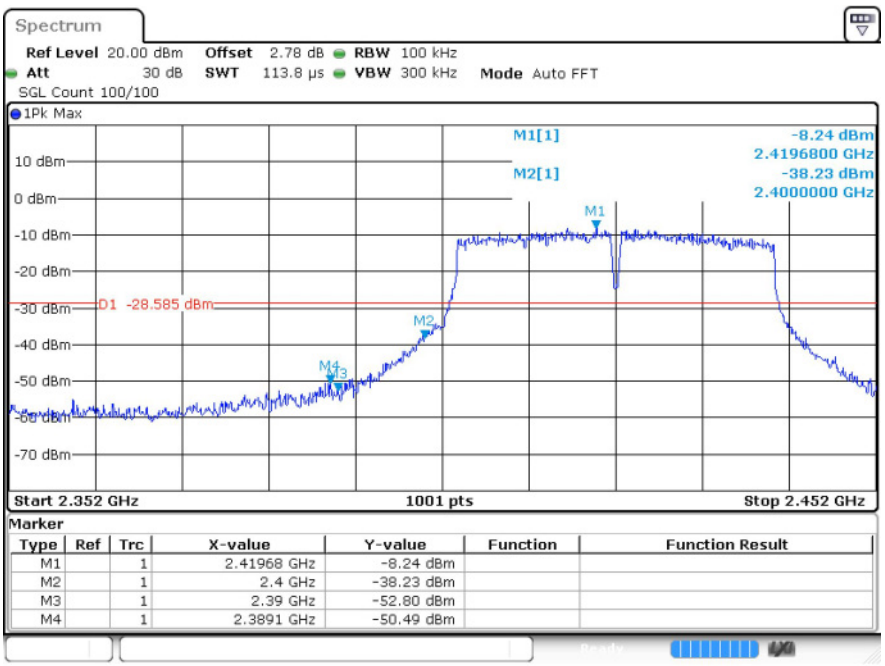
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46074 GHz	-4.62 dBm		
M2		1	2.4835 GHz	-53.87 dBm		
M3		1	2.5 GHz	-57.07 dBm		
M4		1	2.4839 GHz	-52.97 dBm		

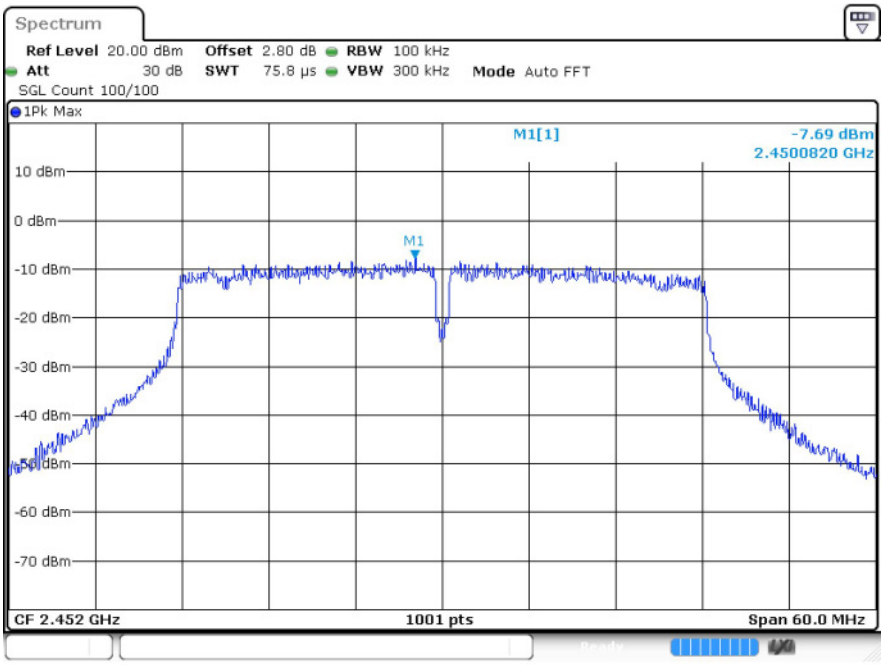
n40 2422MHz Ant1 Ref



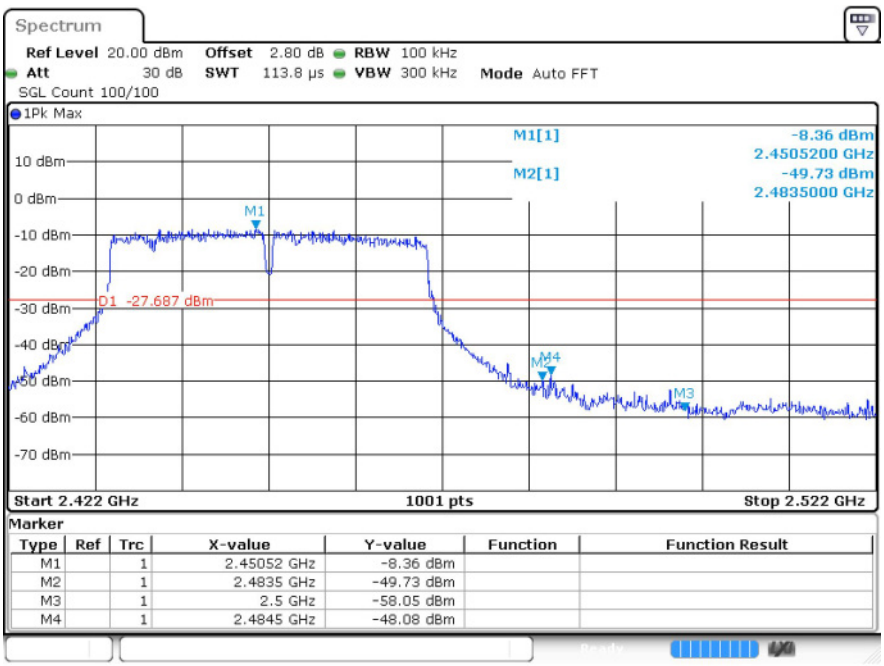
n40 2422MHz Ant1 Emission



n40 2452MHz Ant1 Ref



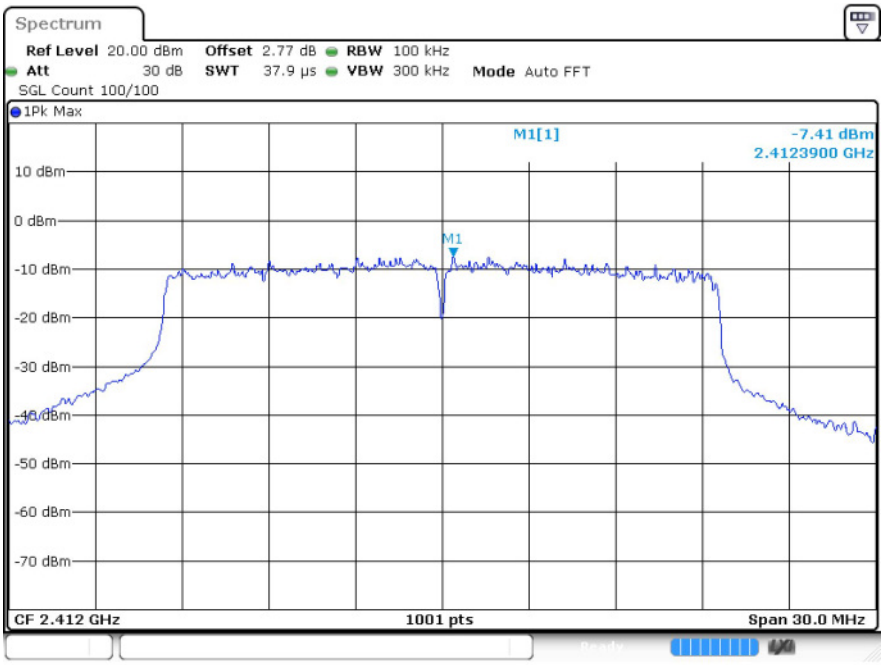
n40 2452MHz Ant1 Emission



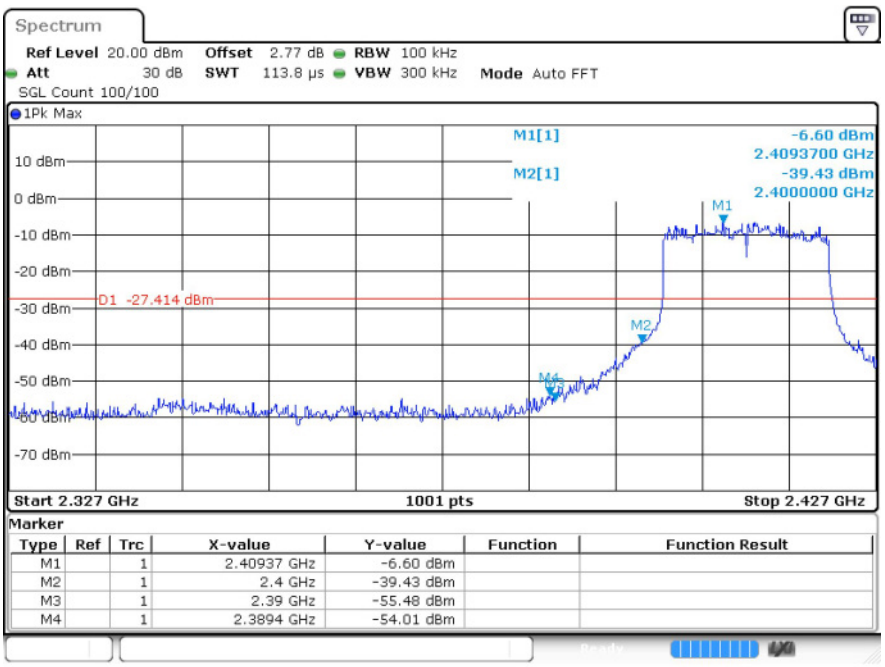
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45052 GHz	-8.36 dBm		
M2		1	2.4835 GHz	-49.73 dBm		
M3		1	2.5 GHz	-58.05 dBm		
M4		1	2.4845 GHz	-48.08 dBm		

ax20 2412MHz Ant1 Ref



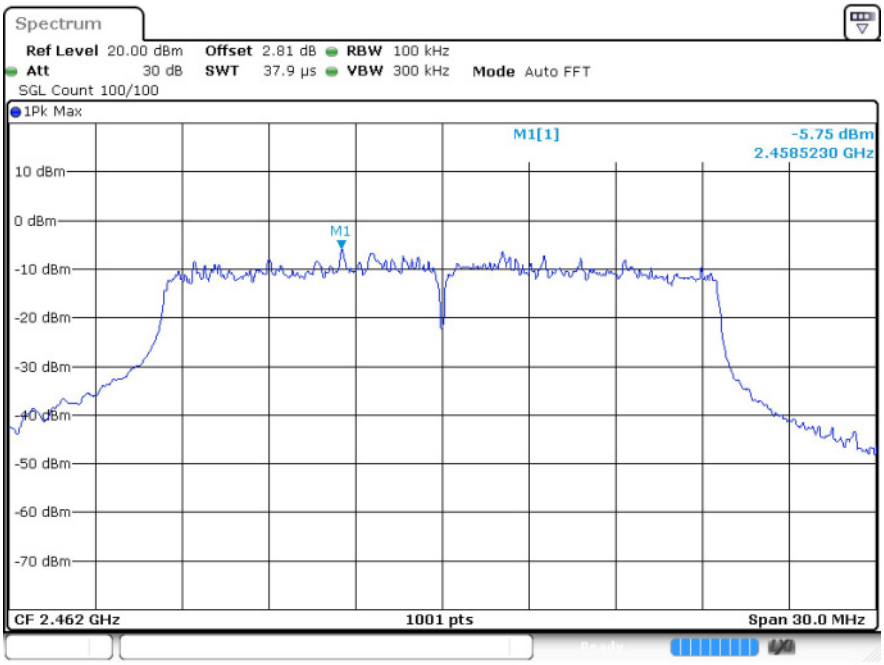
ax20 2412MHz Ant1 Emission



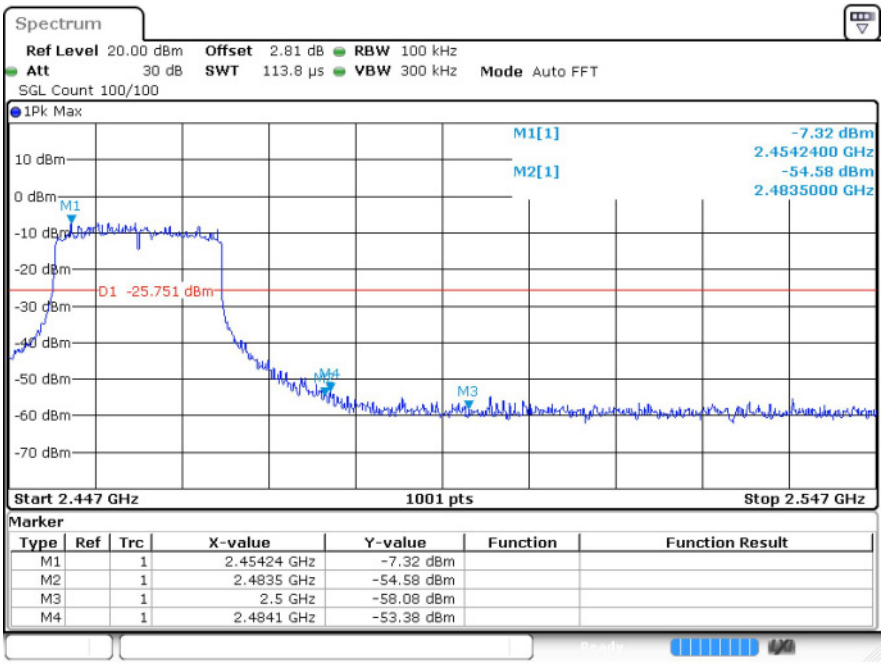
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40937 GHz	-6.60 dBm		
M2		1	2.4 GHz	-39.43 dBm		
M3		1	2.39 GHz	-55.48 dBm		
M4		1	2.3894 GHz	-54.01 dBm		

ax20 2462MHz Ant1 Ref



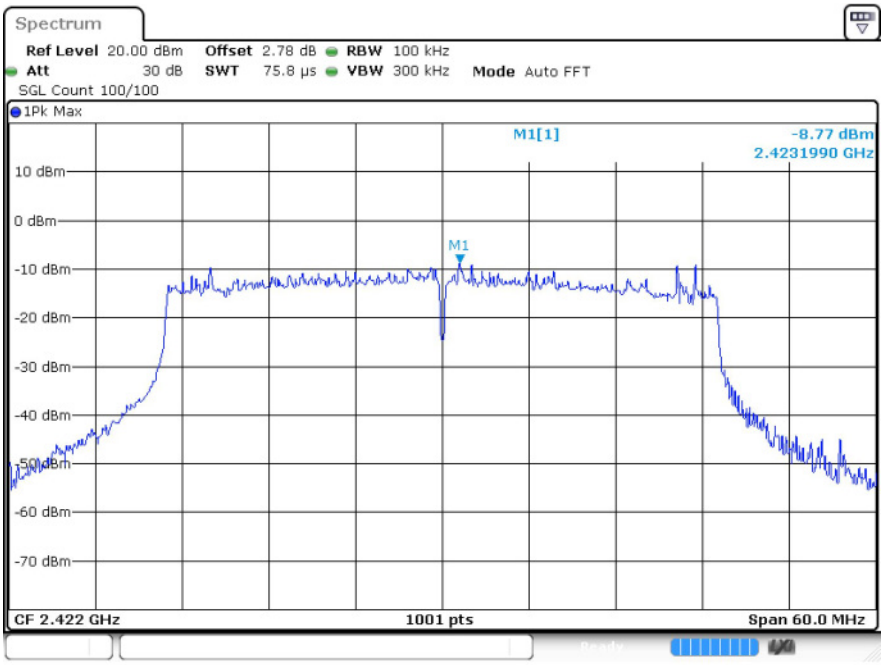
ax20 2462MHz Ant1 Emission



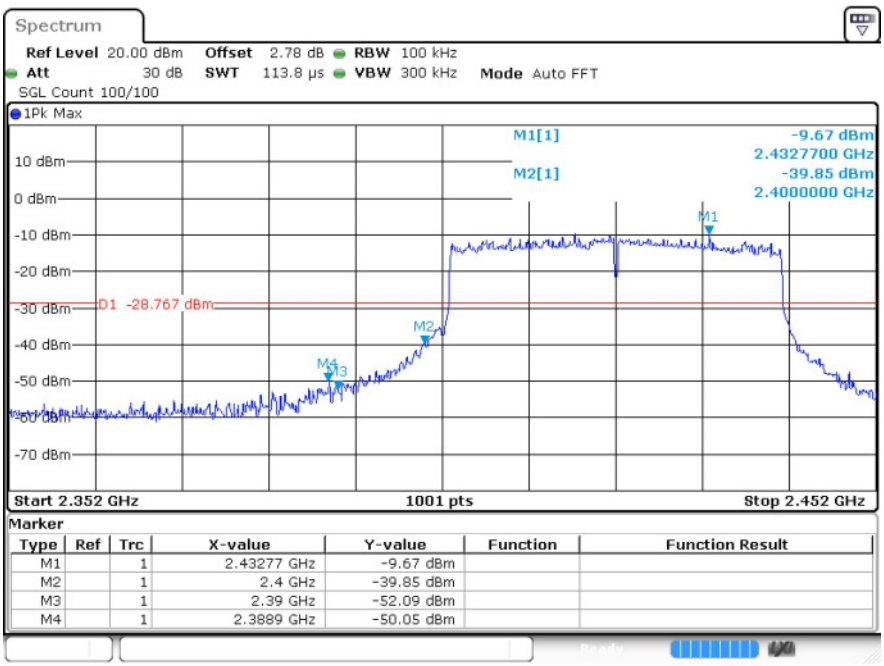
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45424 GHz	-7.32 dBm		
M2		1	2.4835 GHz	-54.58 dBm		
M3		1	2.5 GHz	-58.08 dBm		
M4		1	2.4841 GHz	-53.38 dBm		

ax40 2422MHz Ant1 Ref



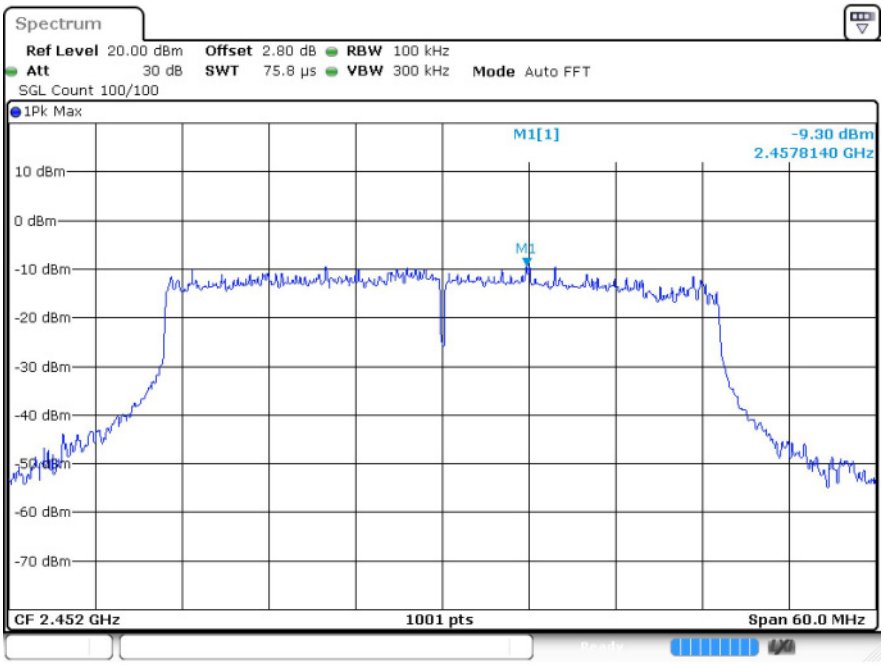
ax40 2422MHz Ant1 Emission



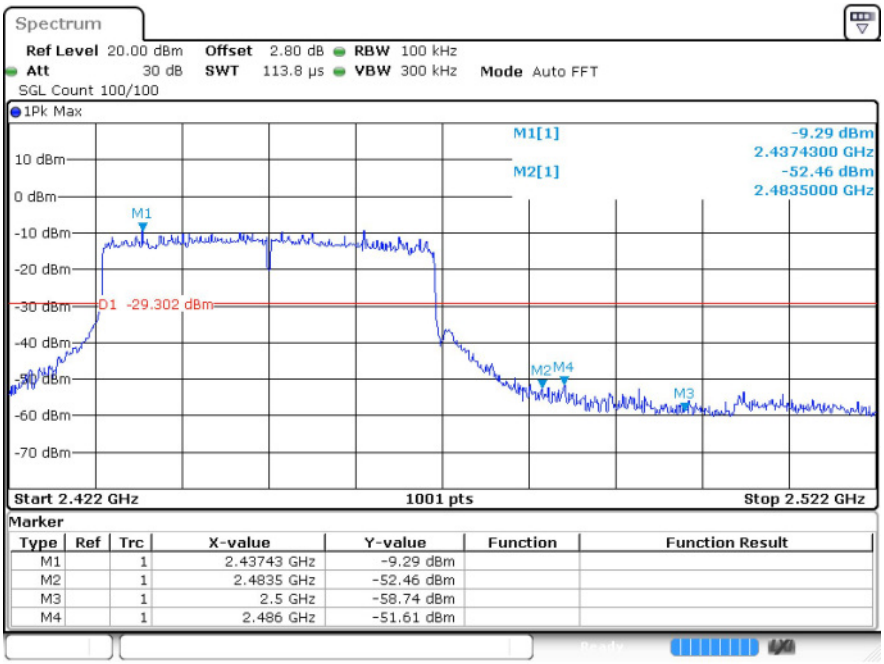
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43277 GHz	-9.67 dBm		
M2		1	2.4 GHz	-39.85 dBm		
M3		1	2.39 GHz	-52.09 dBm		
M4		1	2.3889 GHz	-50.05 dBm		

ax40 2452MHz Ant1 Ref



ax40 2452MHz Ant1 Emission



6 Conducted RF Spurious Emission

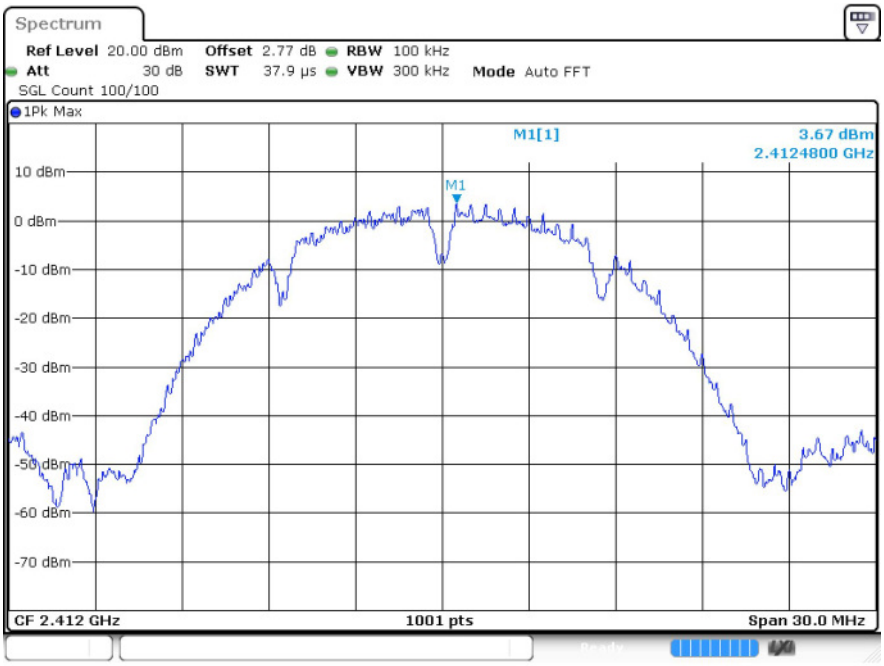
6.1 Test Result

Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
b	2412	Ant1	-43.25	-20	Pass
b	2437	Ant1	-42.41	-20	Pass
b	2462	Ant1	-43.75	-20	Pass
g	2412	Ant1	-39.16	-20	Pass
g	2437	Ant1	-40.23	-20	Pass
g	2462	Ant1	-38.35	-20	Pass
n20	2412	Ant1	-39.01	-20	Pass
n20	2437	Ant1	-39.53	-20	Pass
n20	2462	Ant1	-38.38	-20	Pass
n40	2422	Ant1	-34.06	-20	Pass
n40	2437	Ant1	-35.64	-20	Pass
n40	2452	Ant1	-34.78	-20	Pass
ax20	2412	Ant1	-36.72	-20	Pass
ax20	2437	Ant1	-38.52	-20	Pass
ax20	2462	Ant1	-37.25	-20	Pass
ax40	2422	Ant1	-34.16	-20	Pass
ax40	2437	Ant1	-35.6	-20	Pass
ax40	2452	Ant1	-34.71	-20	Pass

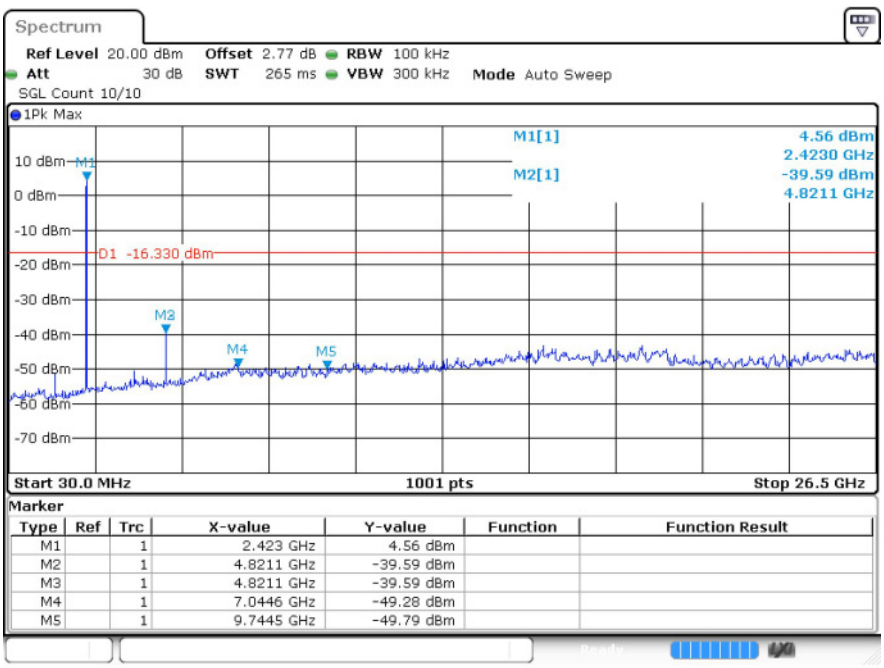
6.2 Test Graphs

Test Graphs

b 2412MHz Ant1 Ref



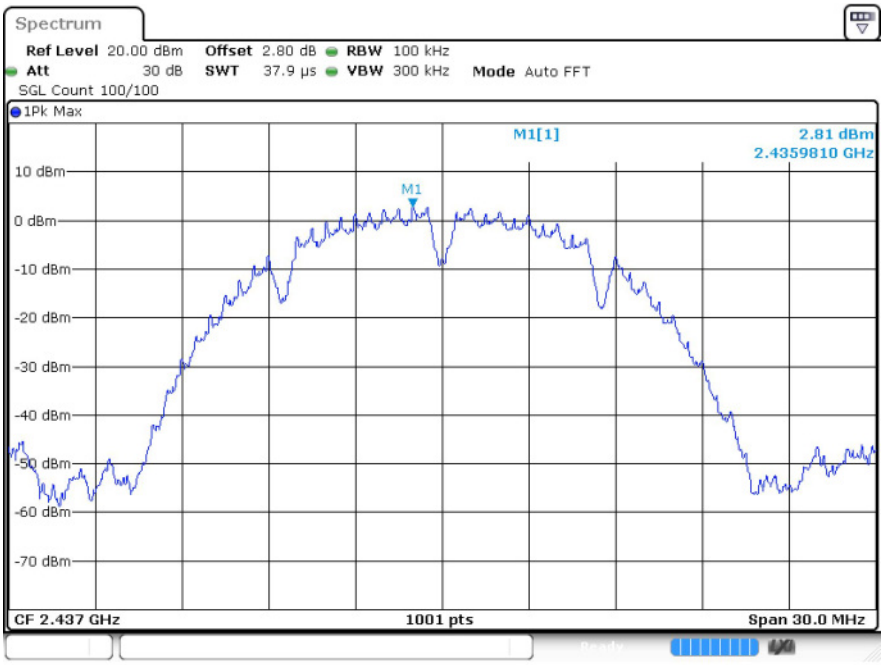
b 2412MHz Ant1 Emission



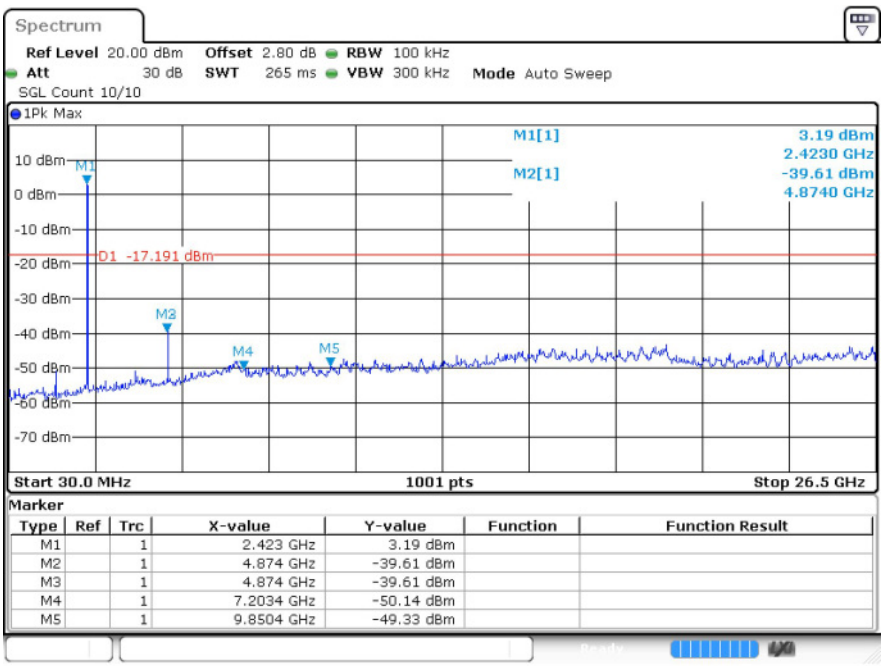
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	4.56 dBm		
M2		1	4.8211 GHz	-39.59 dBm		
M3		1	4.8211 GHz	-39.59 dBm		
M4		1	7.0446 GHz	-49.28 dBm		
M5		1	9.7445 GHz	-49.79 dBm		

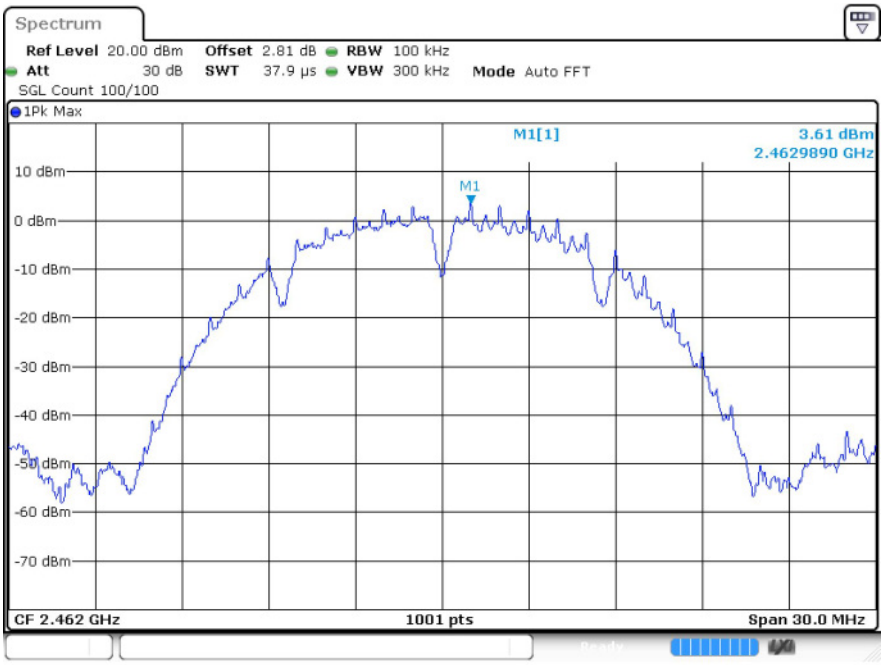
b 2437MHz Ant1 Ref



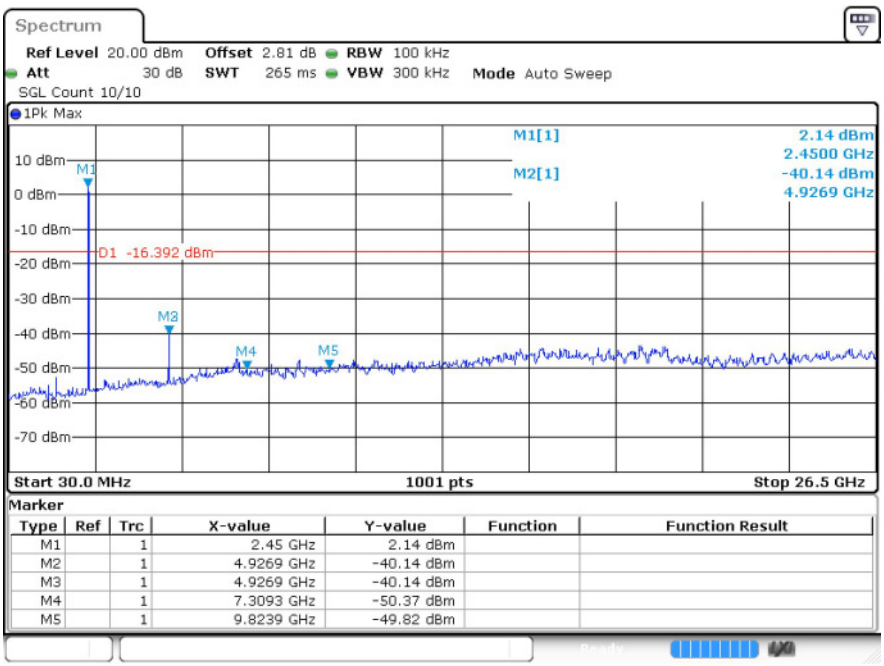
b 2437MHz Ant1 Emission



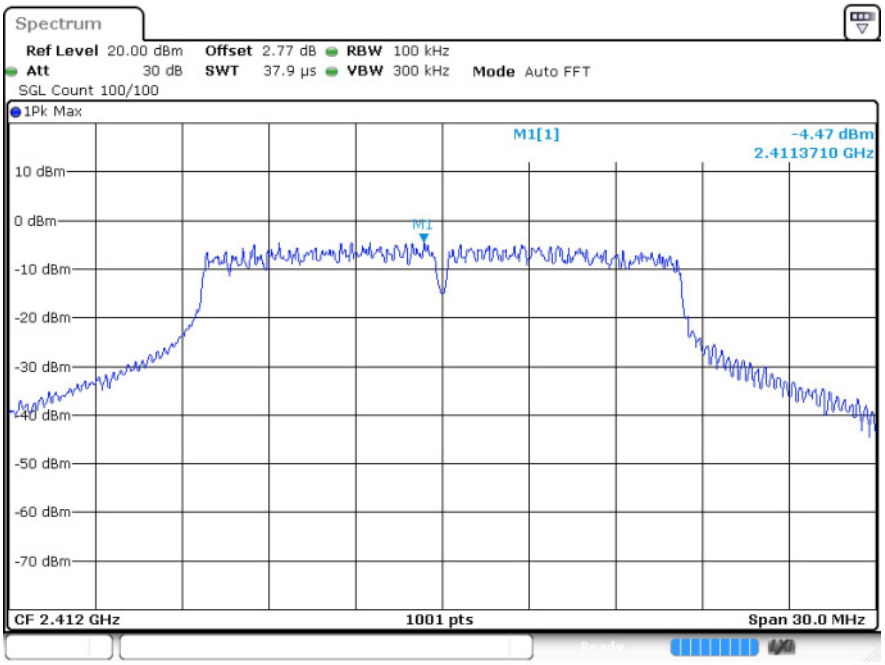
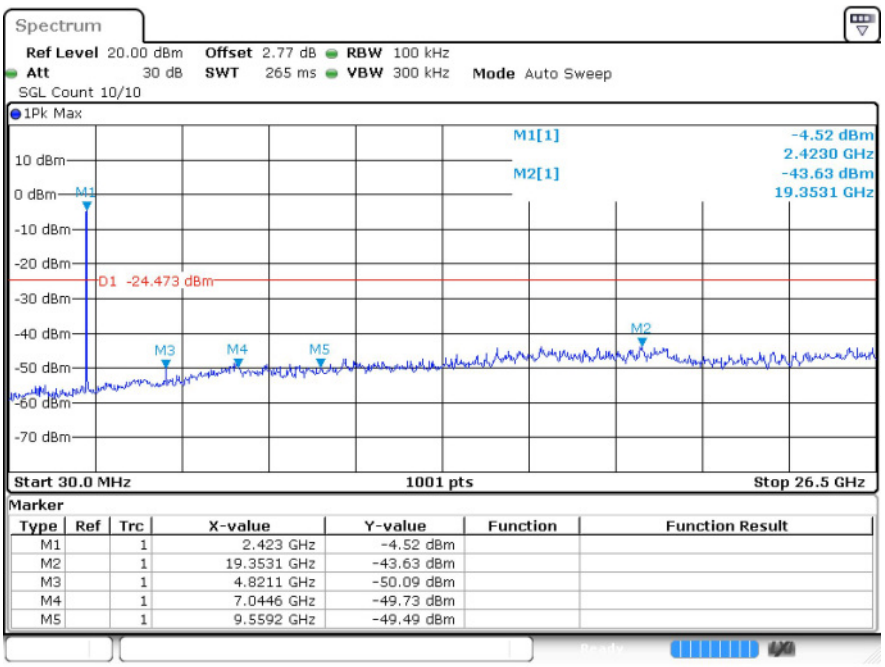
b 2462MHz Ant1 Ref



b 2462MHz Ant1 Emission



g 2412MHz Ant1 Ref



g 2412MHz Ant1 Emission