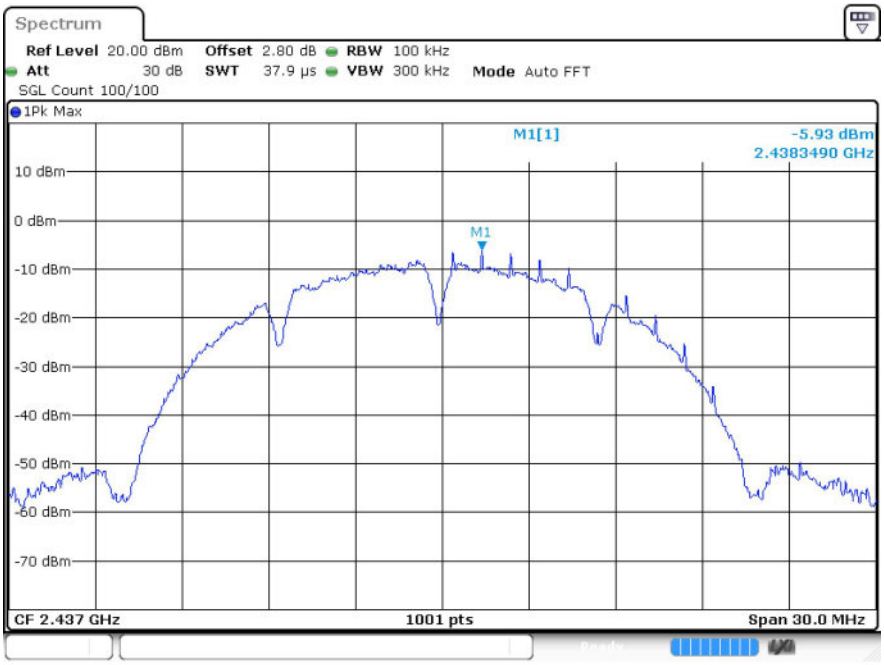
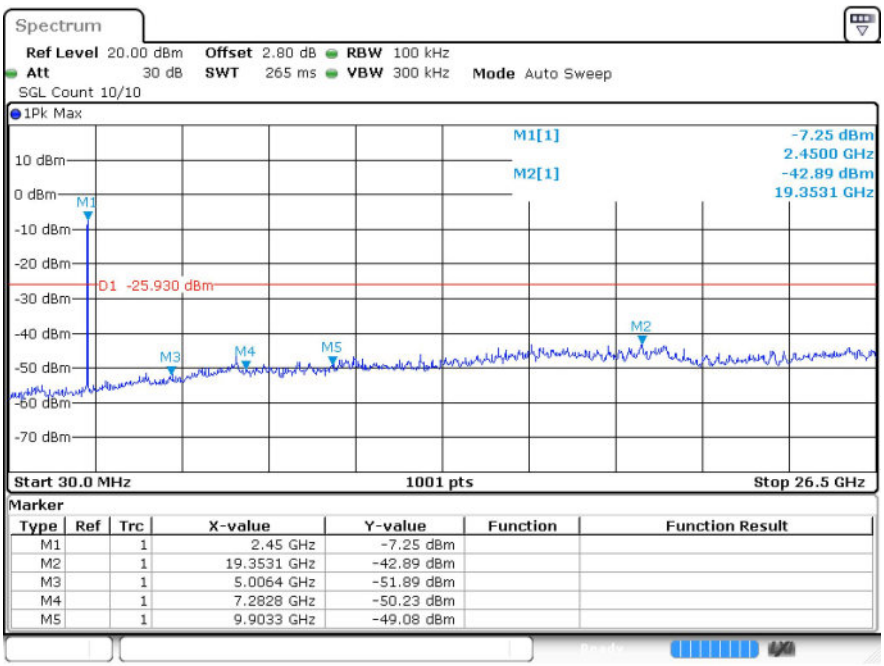
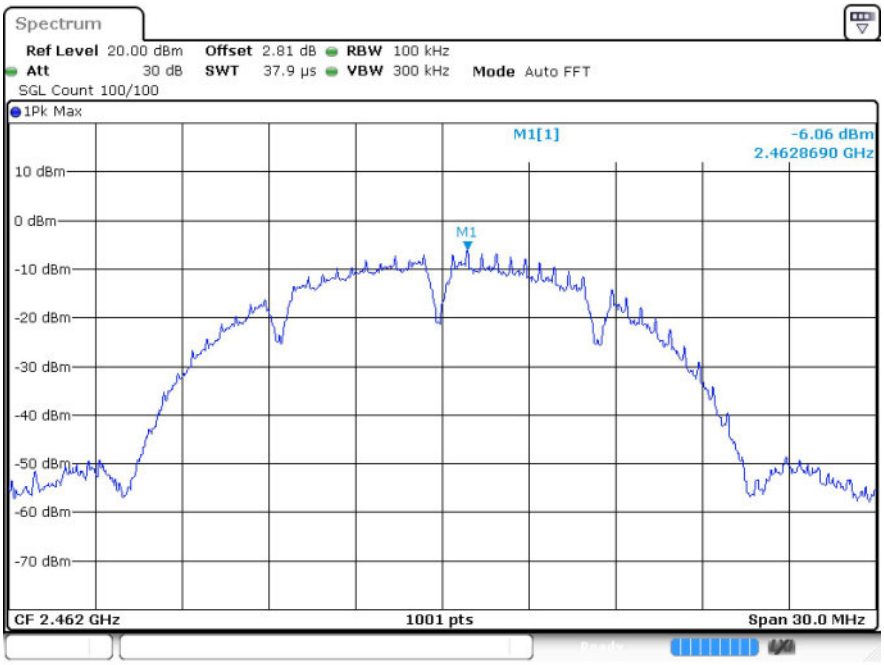
b 2437MHz Ant1 Ref



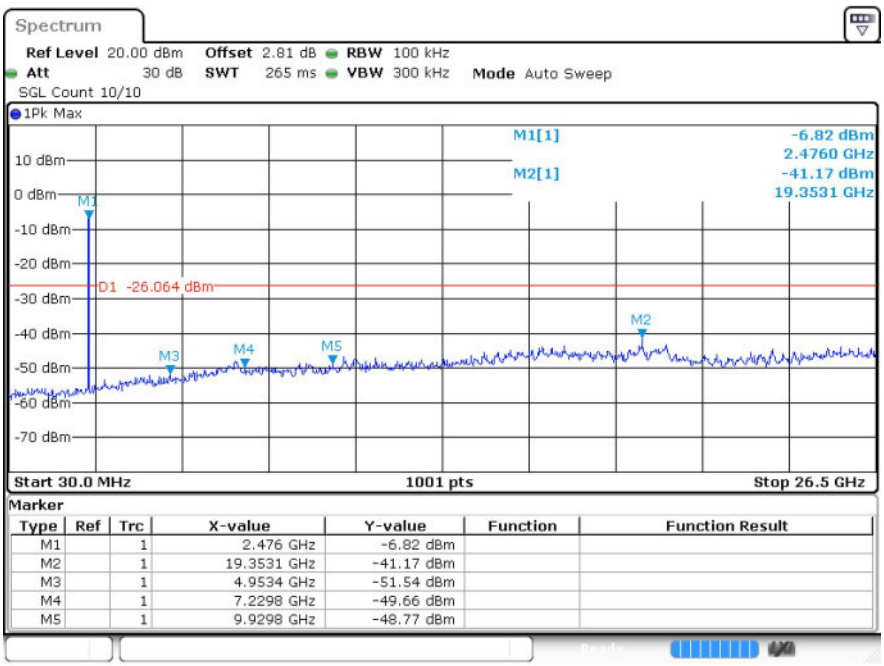
b 2437MHz Ant1 Emission



b 2462MHz Ant1 Ref



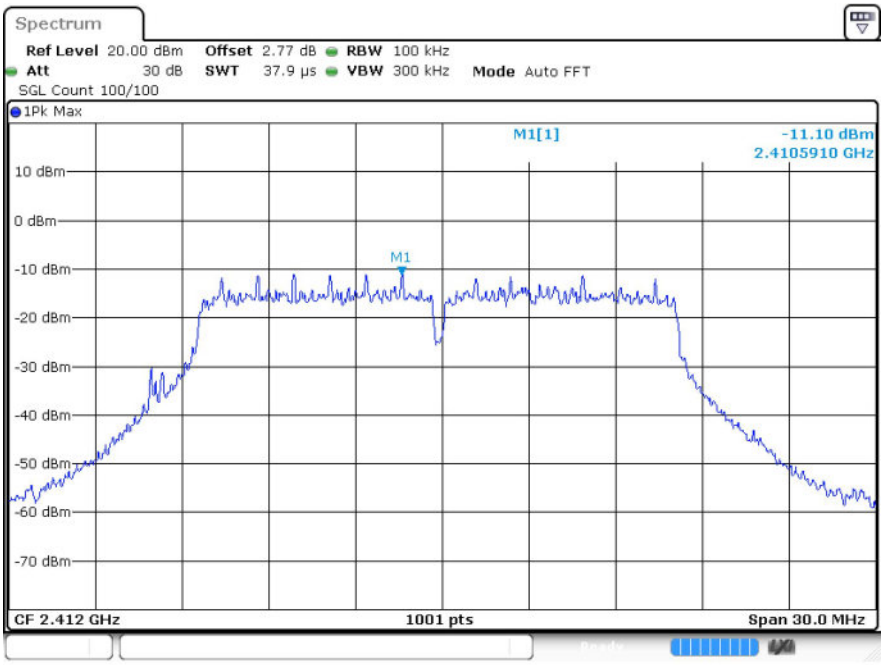
b 2462MHz Ant1 Emission



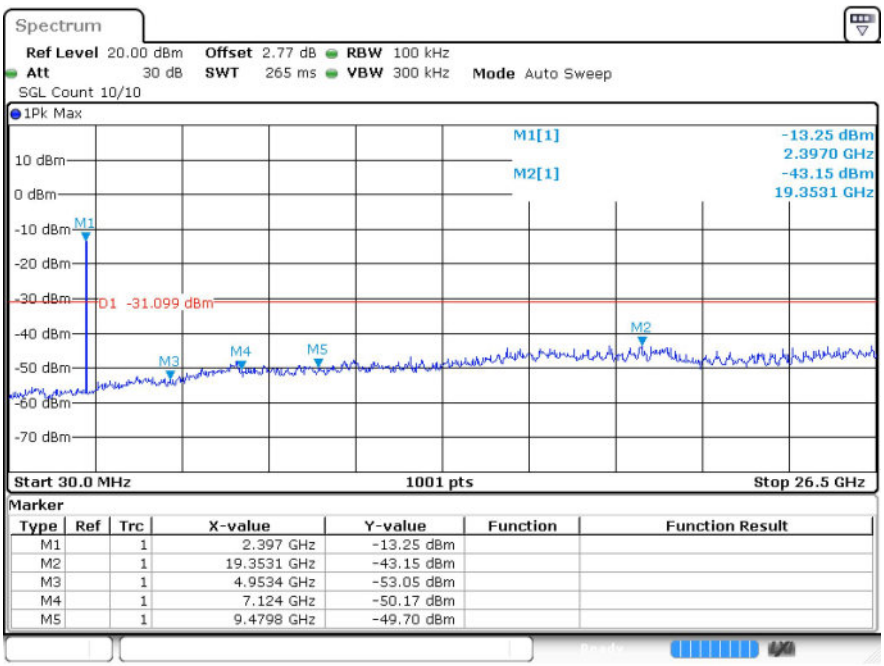
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.476 GHz	-6.82 dBm		
M2		1	19.3531 GHz	-41.17 dBm		
M3		1	4.9534 GHz	-51.54 dBm		
M4		1	7.2298 GHz	-49.66 dBm		
M5		1	9.9298 GHz	-48.77 dBm		

g 2412MHz Ant1 Ref



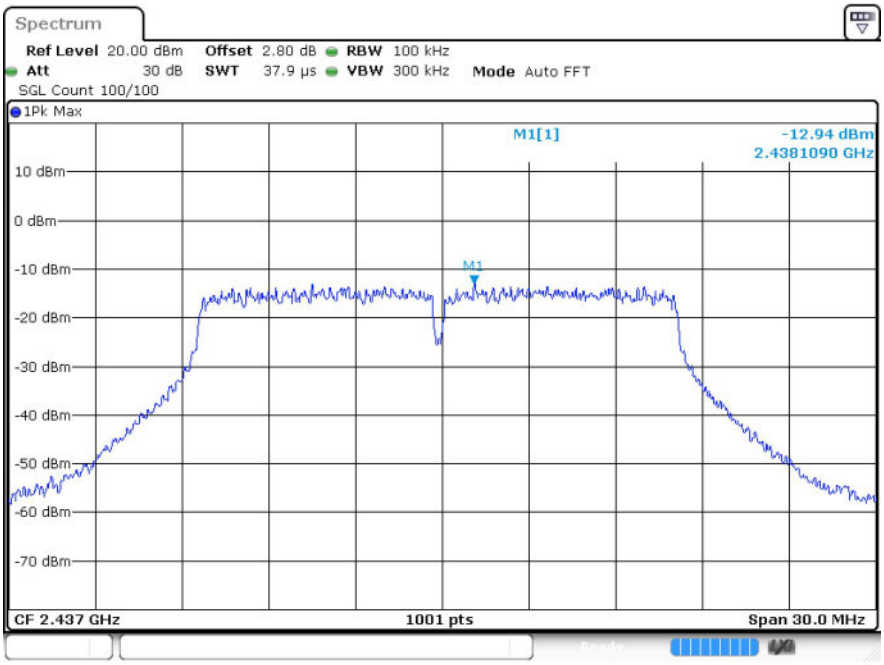
g 2412MHz Ant1 Emission



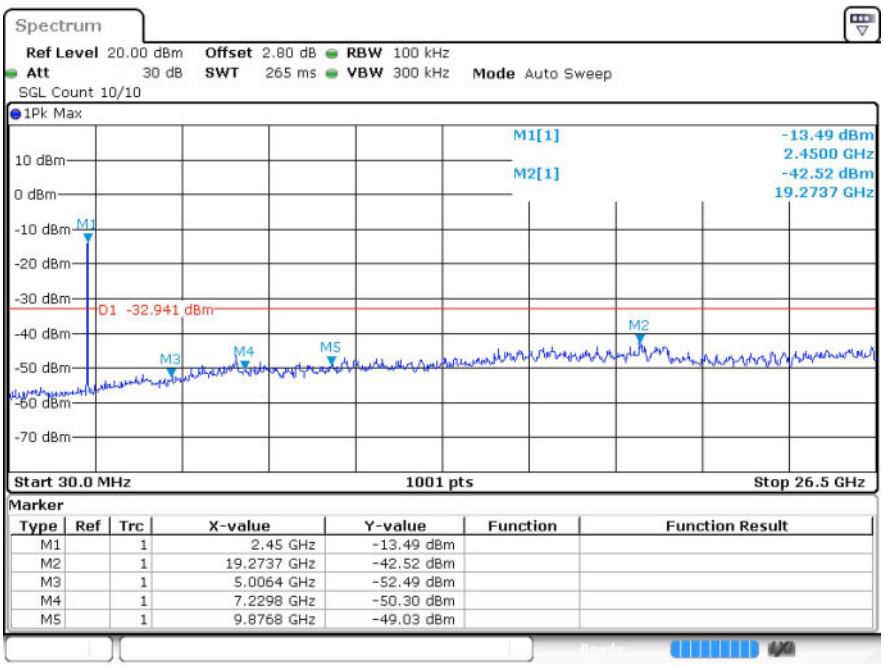
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.397 GHz	-13.25 dBm		
M2		1	19.3531 GHz	-43.15 dBm		
M3		1	4.9534 GHz	-53.05 dBm		
M4		1	7.124 GHz	-50.17 dBm		
M5		1	9.4798 GHz	-49.70 dBm		

g 2437MHz Ant1 Ref



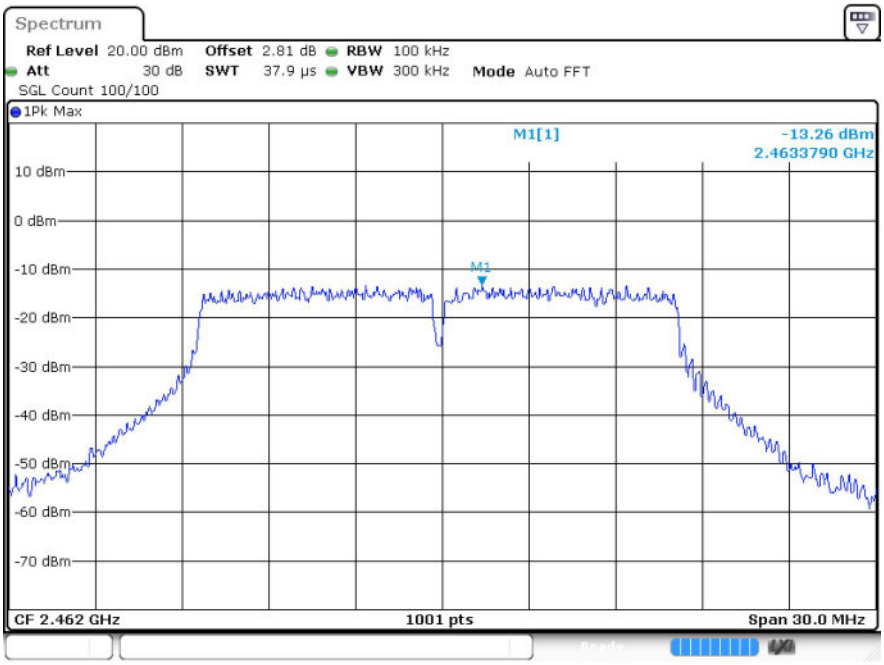
g 2437MHz Ant1 Emission



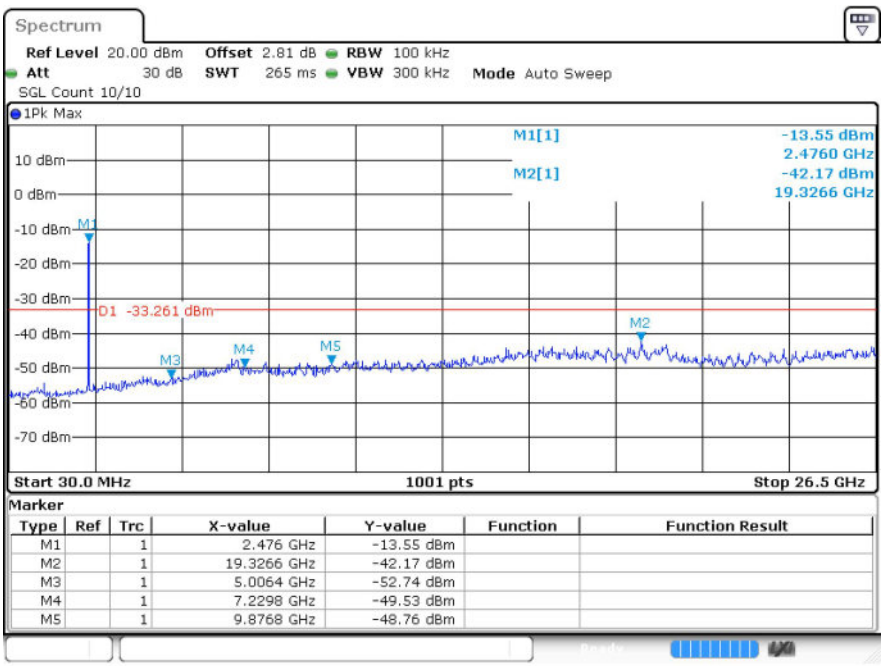
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-13.49 dBm		
M2		1	19.2737 GHz	-42.52 dBm		
M3		1	5.0064 GHz	-52.49 dBm		
M4		1	7.2298 GHz	-50.30 dBm		
M5		1	9.8768 GHz	-49.03 dBm		

g 2462MHz Ant1 Ref



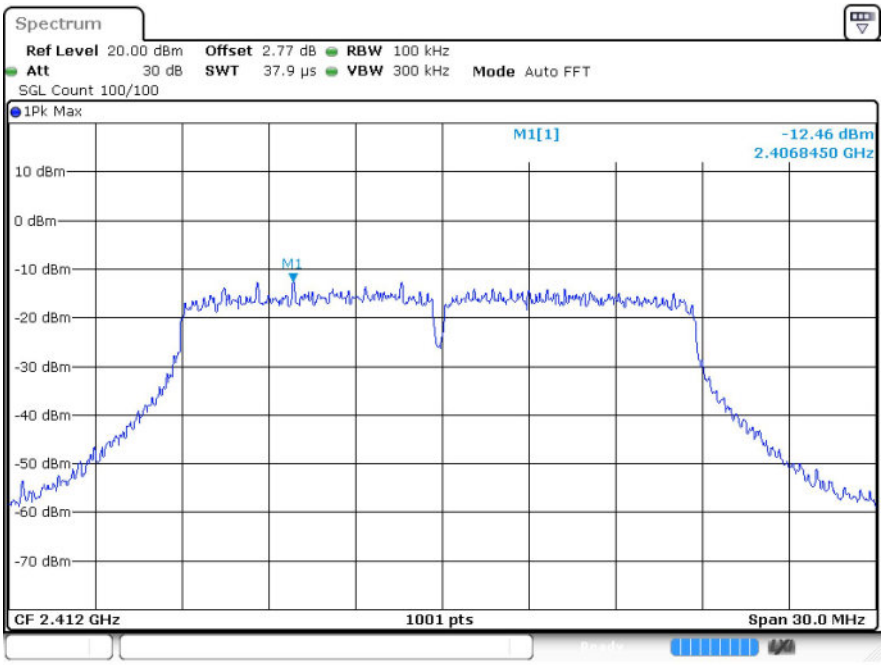
g 2462MHz Ant1 Emission



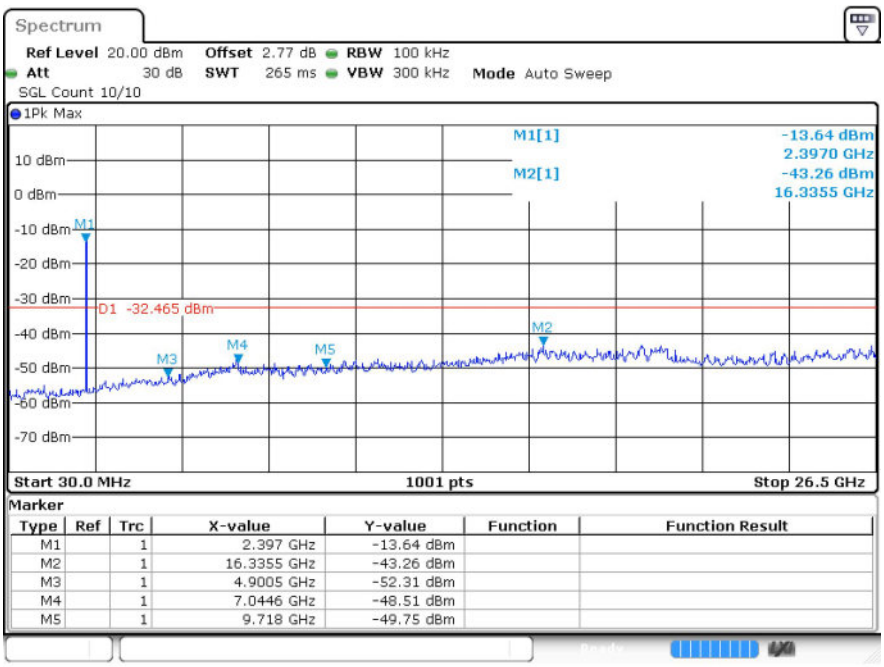
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.476 GHz	-13.55 dBm		
M2		1	19.3266 GHz	-42.17 dBm		
M3		1	5.0064 GHz	-52.74 dBm		
M4		1	7.2298 GHz	-49.53 dBm		
M5		1	9.8768 GHz	-48.76 dBm		

n20 2412MHz Ant1 Ref



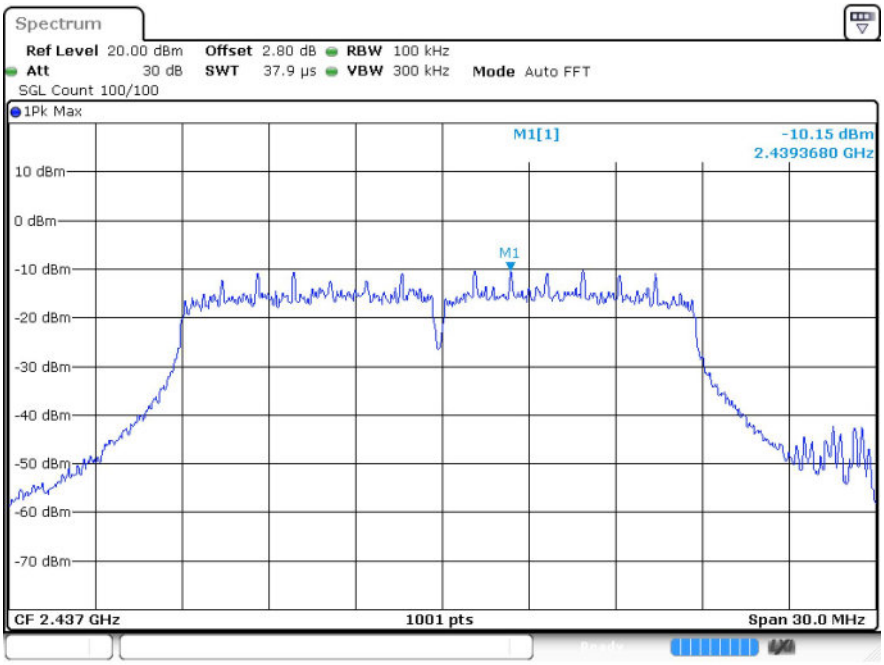
n20 2412MHz Ant1 Emission



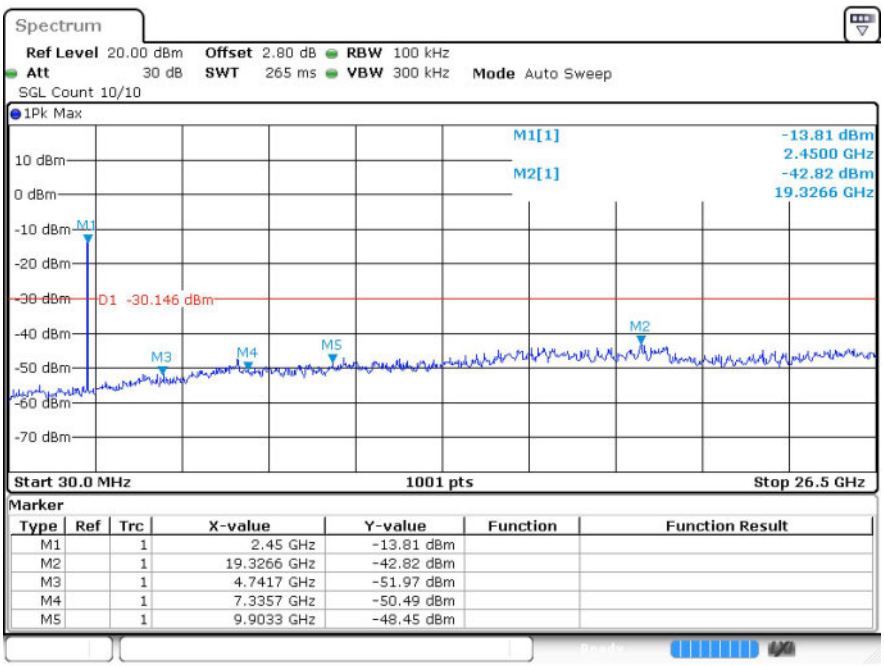
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.397 GHz	-13.64 dBm		
M2		1	16.3355 GHz	-43.26 dBm		
M3		1	4.9005 GHz	-52.31 dBm		
M4		1	7.0446 GHz	-48.51 dBm		
M5		1	9.718 GHz	-49.75 dBm		

n20 2437MHz Ant1 Ref



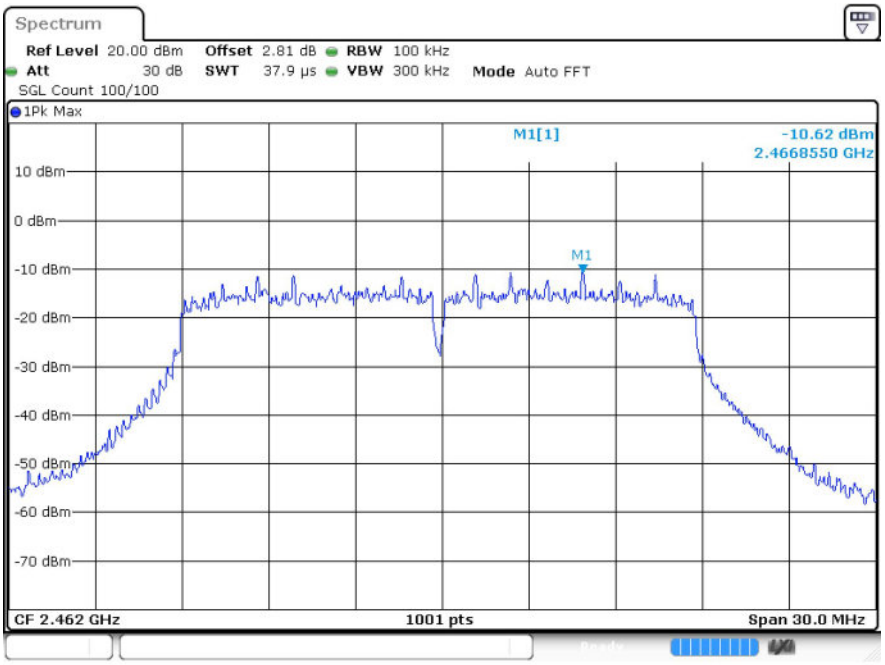
n20 2437MHz Ant1 Emission



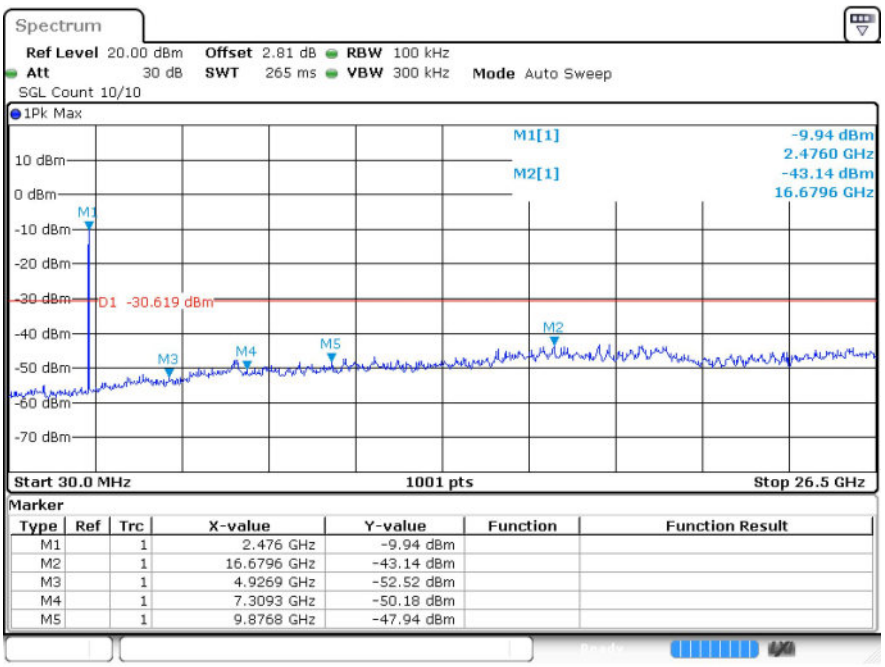
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-13.81 dBm		
M2		1	19.3266 GHz	-42.82 dBm		
M3		1	4.7417 GHz	-51.97 dBm		
M4		1	7.3357 GHz	-50.49 dBm		
M5		1	9.9033 GHz	-48.45 dBm		

n20 2462MHz Ant1 Ref



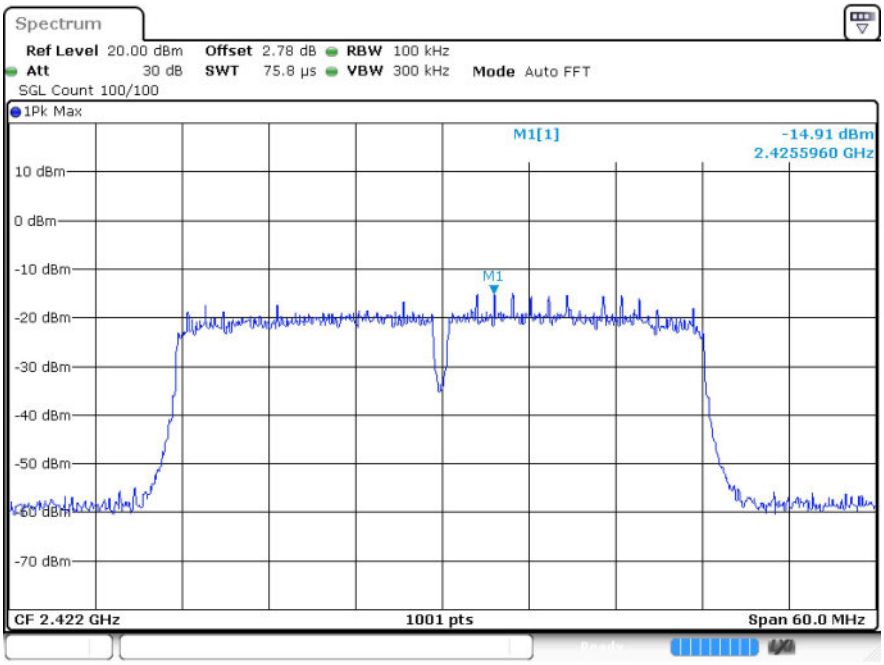
n20 2462MHz Ant1 Emission



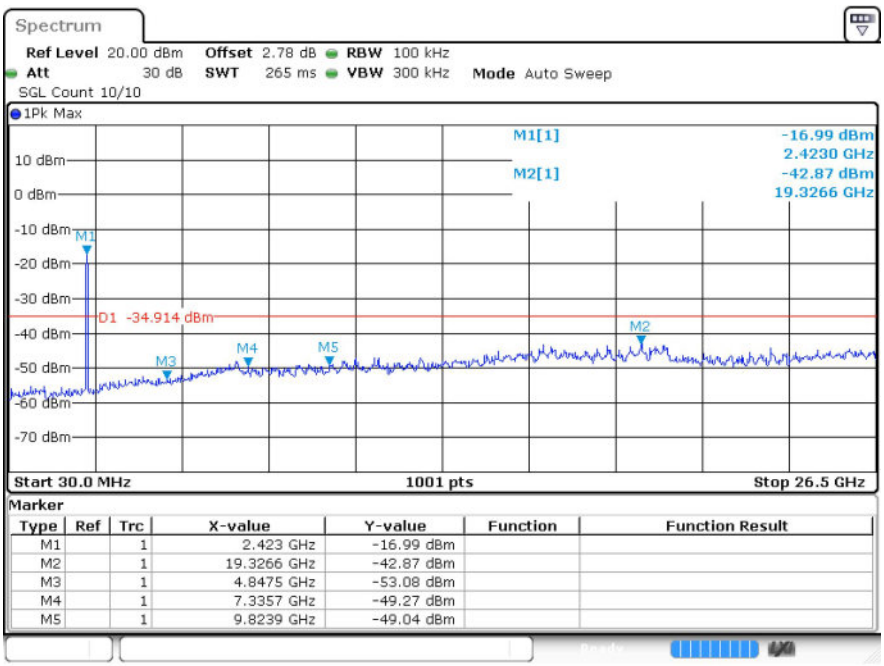
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.476 GHz	-9.94 dBm		
M2		1	16.6796 GHz	-43.14 dBm		
M3		1	4.9269 GHz	-52.52 dBm		
M4		1	7.3093 GHz	-50.18 dBm		
M5		1	9.8768 GHz	-47.94 dBm		

n40 2422MHz Ant1 Ref



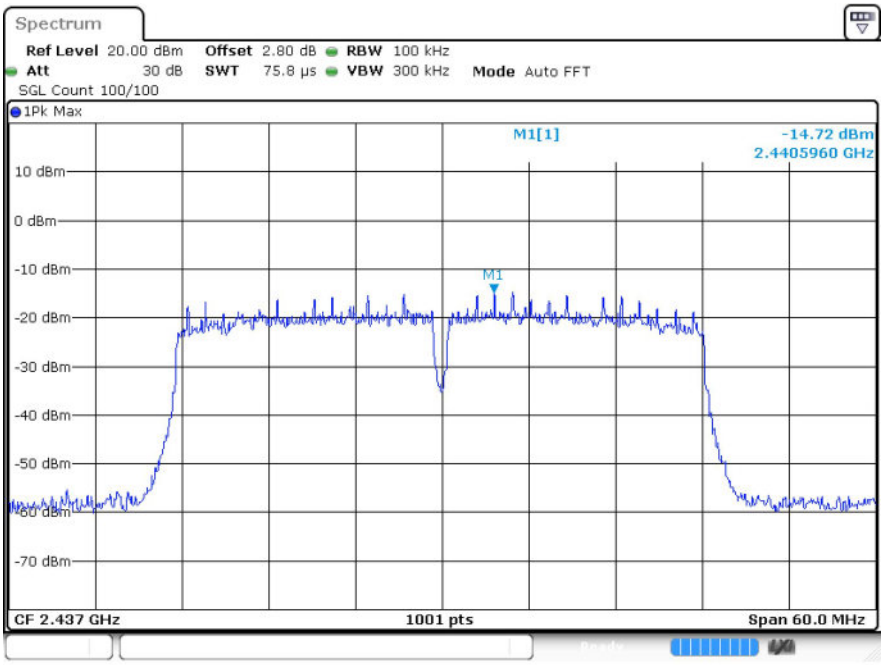
n40 2422MHz Ant1 Emission



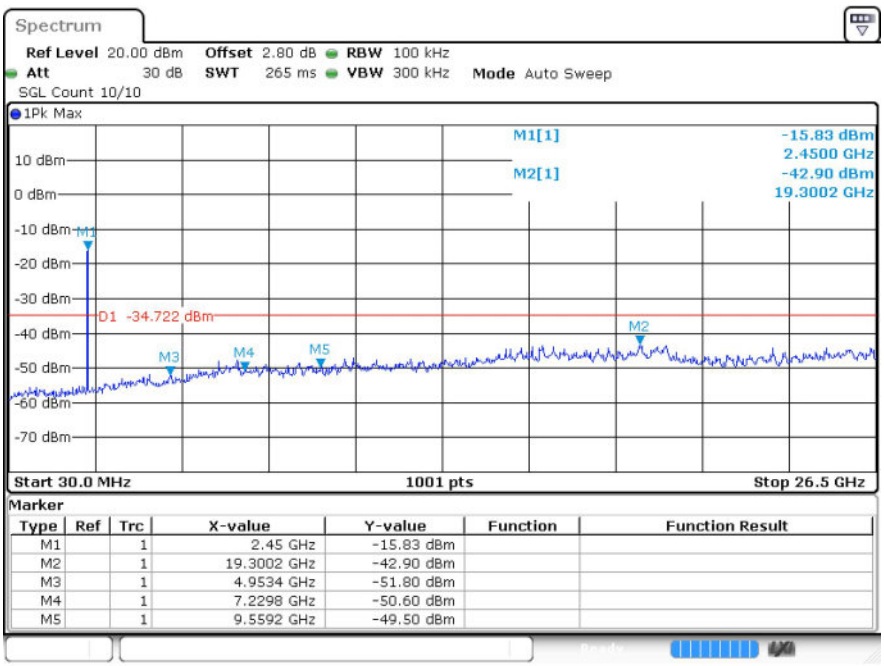
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-16.99 dBm		
M2		1	19.3266 GHz	-42.87 dBm		
M3		1	4.8475 GHz	-53.08 dBm		
M4		1	7.3357 GHz	-49.27 dBm		
M5		1	9.8239 GHz	-49.04 dBm		

n40 2437MHz Ant1 Ref



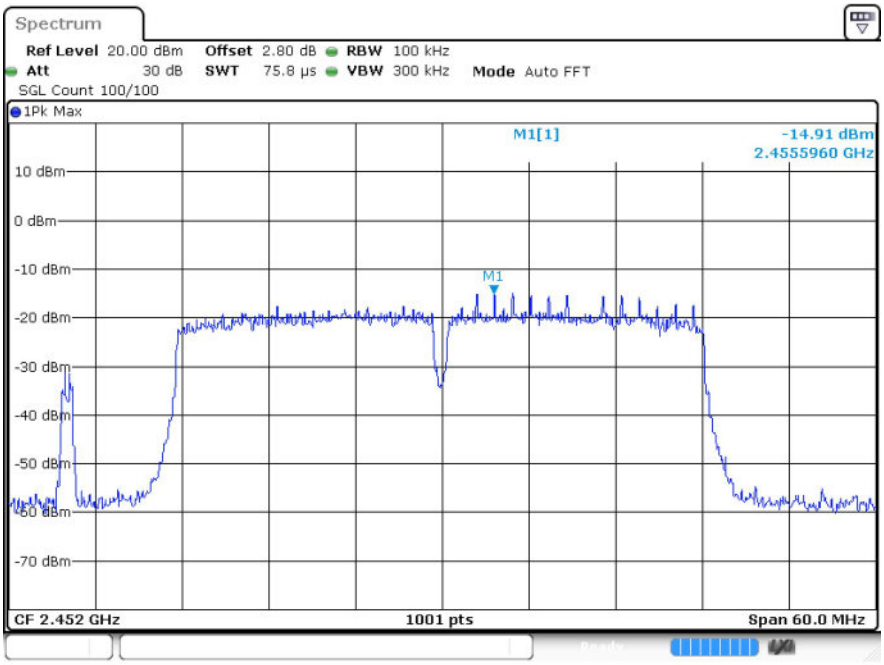
n40 2437MHz Ant1 Emission



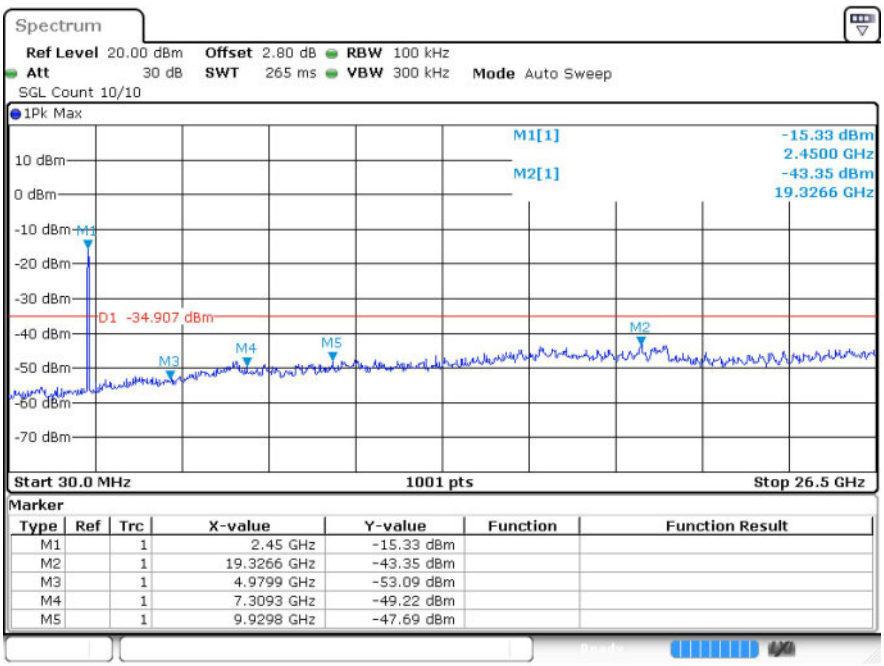
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-15.83 dBm		
M2		1	19.3002 GHz	-42.90 dBm		
M3		1	4.9534 GHz	-51.80 dBm		
M4		1	7.2298 GHz	-50.60 dBm		
M5		1	9.5592 GHz	-49.50 dBm		

n40 2452MHz Ant1 Ref



n40 2452MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-15.33 dBm		
M2		1	19.3266 GHz	-43.35 dBm		
M3		1	4.9799 GHz	-53.09 dBm		
M4		1	7.3093 GHz	-49.22 dBm		
M5		1	9.9298 GHz	-47.69 dBm		

7 Restrict Band

7.1 Test Result

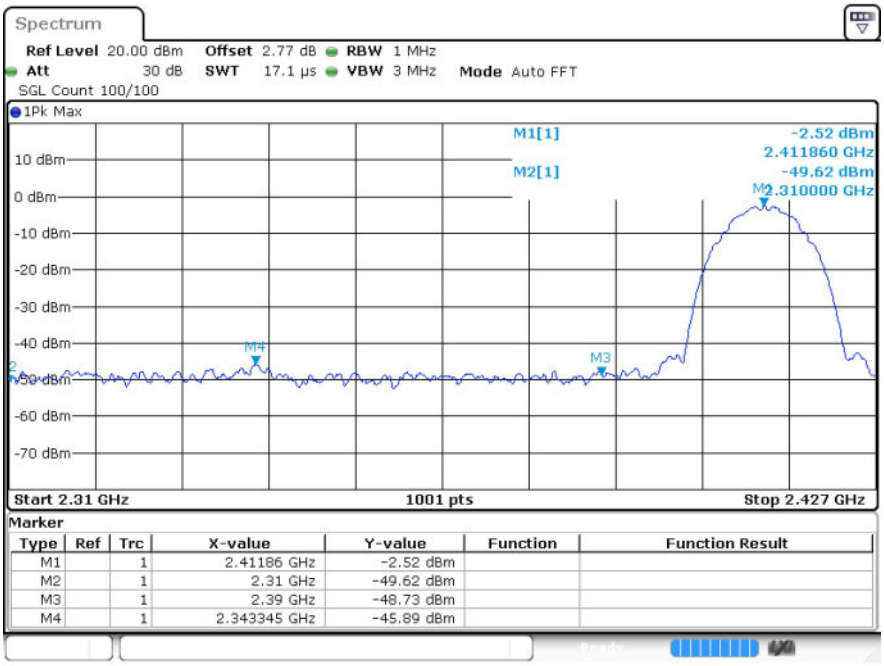
Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
b	2412	Ant1	2310	-49.62	2	-	47.64	Peak	74	Pass
b	2412	Ant1	2310	-55.7	2	0	41.56	Average	54	Pass
b	2412	Ant1	2343.345	-45.89	2	-	51.37	Peak	74	Pass
b	2412	Ant1	2336.676	-54.5	2	0	42.76	Average	54	Pass
b	2412	Ant1	2390	-48.73	2	-	48.53	Peak	74	Pass
b	2412	Ant1	2390	-56	2	0	41.26	Average	54	Pass
b	2462	Ant1	2483.5	-46.69	2	-	50.57	Peak	74	Pass
b	2462	Ant1	2483.5	-54.57	2	0	42.69	Average	54	Pass
b	2462	Ant1	2497.032	-46.23	2	-	51.03	Peak	74	Pass
b	2462	Ant1	2483.676	-54.52	2	0	42.74	Average	54	Pass
b	2462	Ant1	2500	-46.9	2	-	50.36	Peak	74	Pass
b	2462	Ant1	2500	-56.63	2	0	40.63	Average	54	Pass
g	2412	Ant1	2310	-50.64	2	-	46.62	Peak	74	Pass
g	2412	Ant1	2310	-56.02	2	0.25	41.49	Average	54	Pass
g	2412	Ant1	2339.484	-45.91	2	-	51.35	Peak	74	Pass
g	2412	Ant1	2339.367	-54.18	2	0.25	43.33	Average	54	Pass
g	2412	Ant1	2390	-49.63	2	-	48.53	Peak	74	Pass
g	2412	Ant1	2390	-56.29	2	0.25	41.22	Average	54	Pass
g	2462	Ant1	2483.5	-49.8	2	-	47.46	Peak	74	Pass
g	2462	Ant1	2483.5	-55.85	2	0.25	41.66	Average	54	Pass
g	2462	Ant1	2497.032	-46.72	2	-	50.54	Peak	74	Pass
g	2462	Ant1	2485.902	-55.25	2	0.25	42.26	Average	54	Pass
g	2462	Ant1	2500	-47.43	2	-	50.36	Peak	74	Pass
g	2462	Ant1	2500	-56.17	2	0.25	41.34	Average	54	Pass
n20	2412	Ant1	2310	-49.46	2	-	47.8	Peak	74	Pass
n20	2412	Ant1	2310	-56.09	2	0.26	41.43	Average	54	Pass
n20	2412	Ant1	2336.442	-46.41	2	-	50.85	Peak	74	Pass
n20	2412	Ant1	2338.548	-54.12	2	0.26	43.4	Average	54	Pass
n20	2412	Ant1	2390	-48.34	2	-	48.92	Peak	74	Pass
n20	2412	Ant1	2390	-56.67	2	0.26	40.85	Average	54	Pass
n20	2462	Ant1	2483.5	-49.05	2	-	48.21	Peak	74	Pass
n20	2462	Ant1	2483.5	-56.17	2	0.26	41.35	Average	54	Pass
n20	2462	Ant1	2496.184	-47.09	2	-	50.17	Peak	74	Pass
n20	2462	Ant1	2484.789	-54.91	2	0.26	42.61	Average	54	Pass

n20	2462	Ant1	2500	-48.18	2	-	49.08	Peak	74	Pass
n20	2462	Ant1	2500	-56.06	2	0.26	41.46	Average	54	Pass
n40	2422	Ant1	2310	-46.22	2	-	51.04	Peak	74	Pass
n40	2422	Ant1	2310	-55.8	2	0.61	42.07	Average	54	Pass
n40	2422	Ant1	2310.284	-45.87	2	-	51.39	Peak	74	Pass
n40	2422	Ant1	2343.086	-54.17	2	0.61	43.7	Average	54	Pass
n40	2422	Ant1	2390	-49.71	2	-	47.55	Peak	74	Pass
n40	2422	Ant1	2390	-55.96	2	0.61	41.91	Average	54	Pass
n40	2452	Ant1	2483.5	-49.2	2	-	48.06	Peak	74	Pass
n40	2452	Ant1	2483.5	-56.82	2	0.61	41.05	Average	54	Pass
n40	2452	Ant1	2492.512	-45.84	2	-	51.42	Peak	74	Pass
n40	2452	Ant1	2495.32	-55.82	2	0.61	42.05	Average	54	Pass
n40	2452	Ant1	2500	-47.95	2	-	49.31	Peak	74	Pass
n40	2452	Ant1	2500	-56.56	2	0.61	41.31	Average	54	Pass

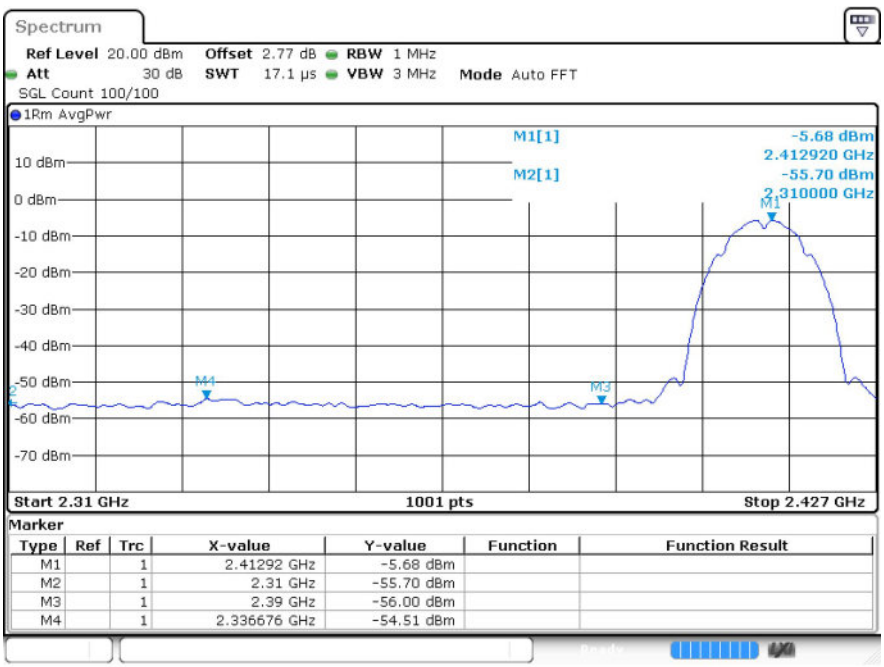
7.2 Test Graphs

Test Graphs

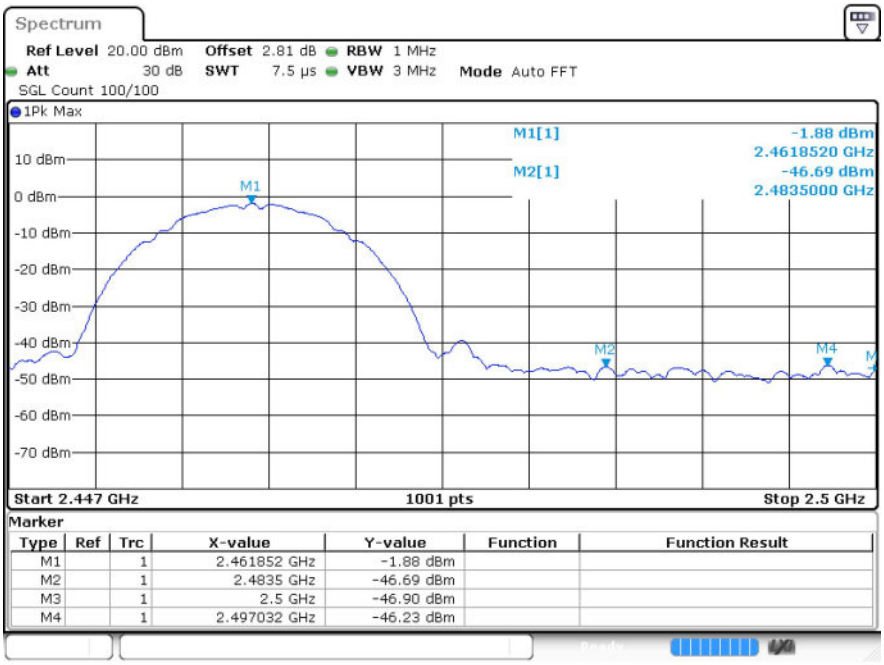
b 2412MHz Ant1 Peak



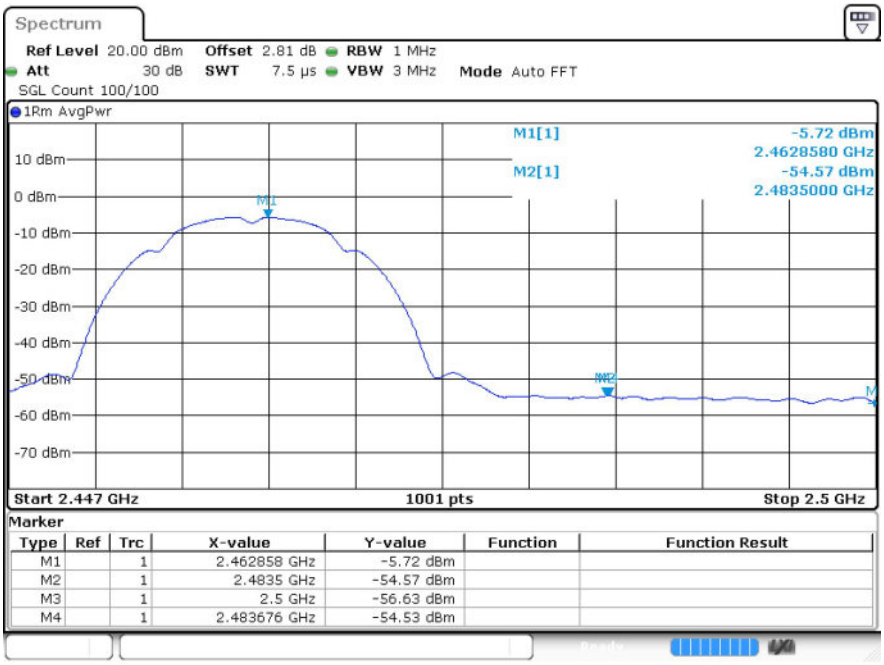
b 2412MHz Ant1 Average



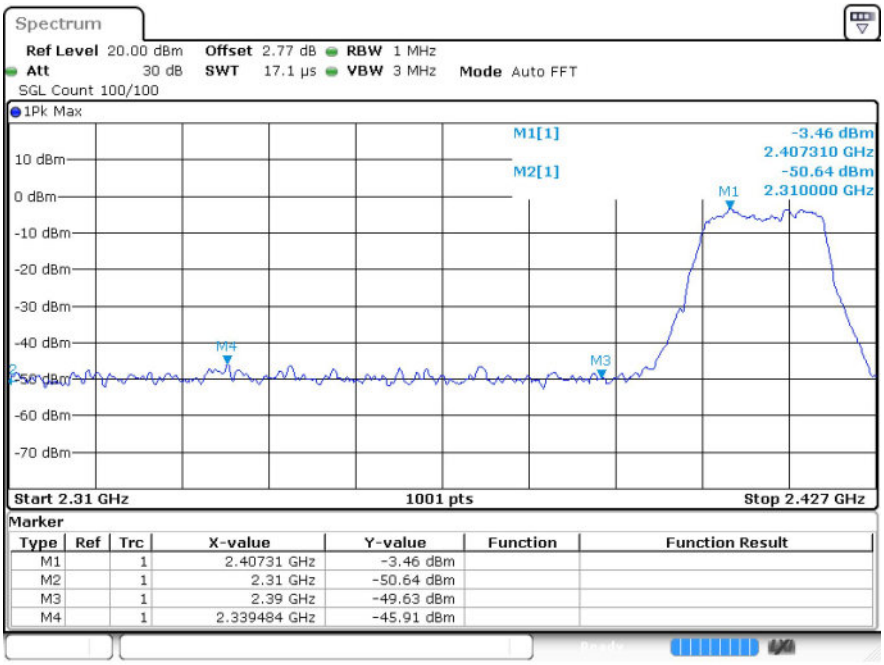
b 2462MHz Ant1 Peak



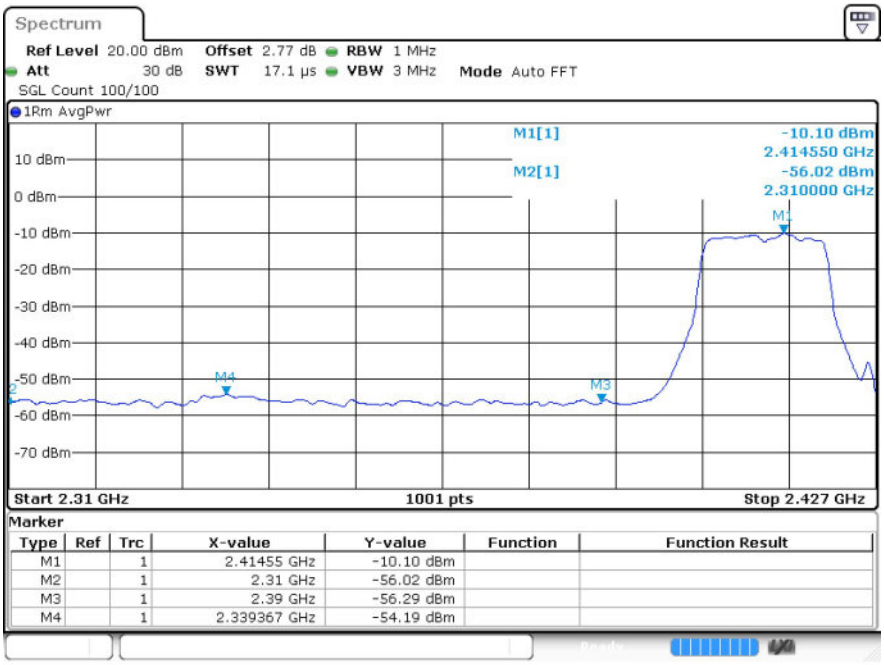
b 2462MHz Ant1 Average



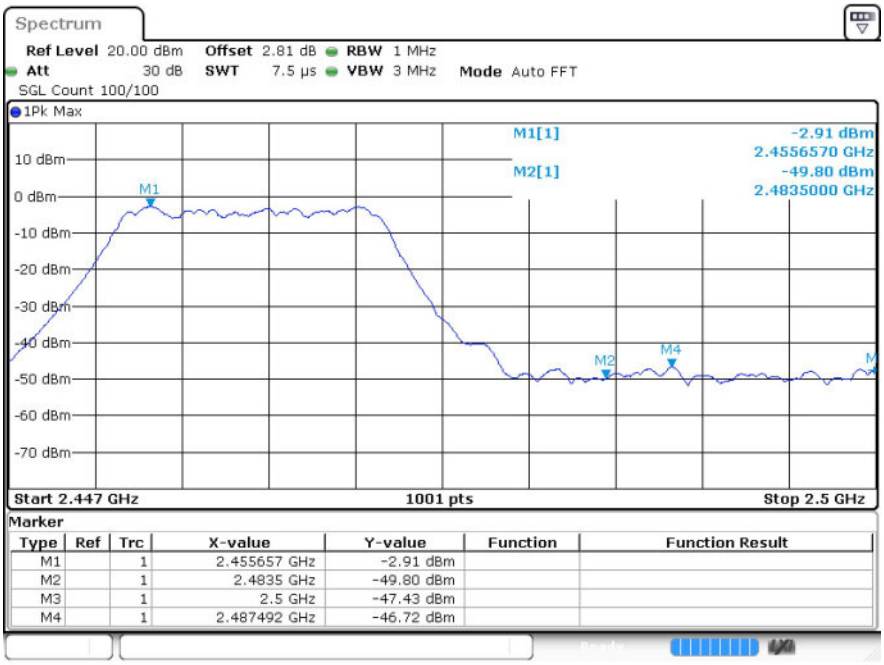
g 2412MHz Ant1 Peak



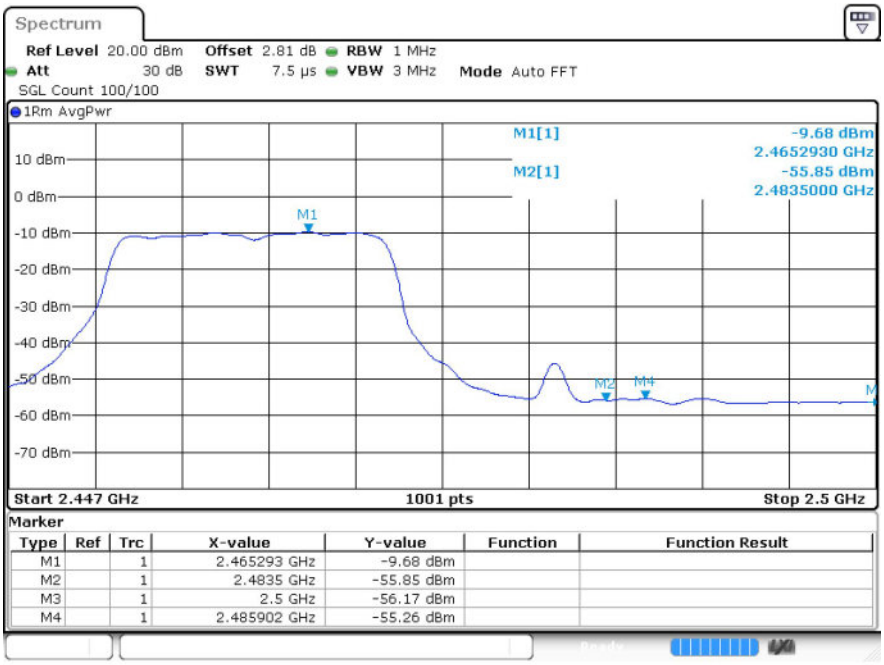
g 2412MHz Ant1 Average



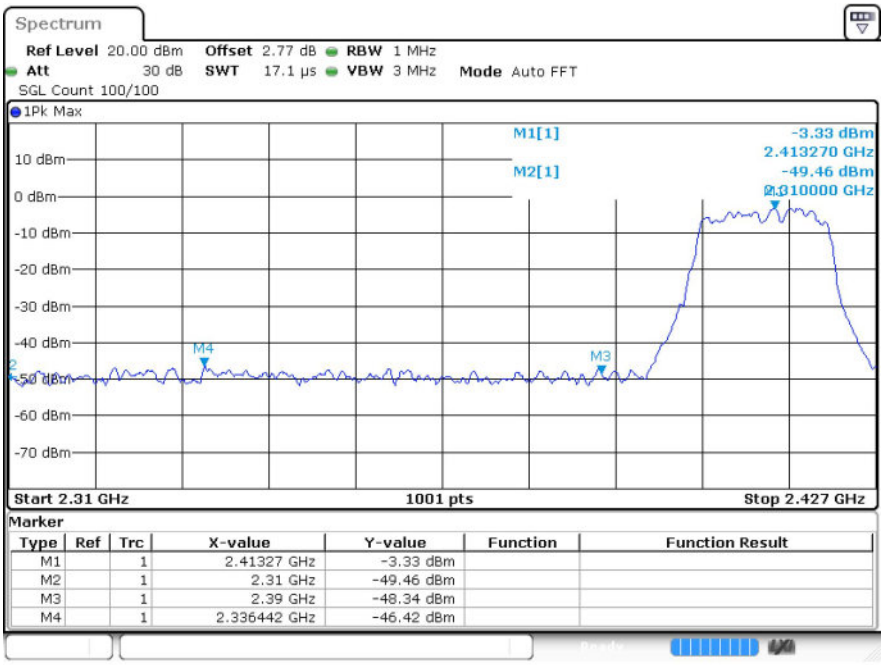
g 2462MHz Ant1 Peak



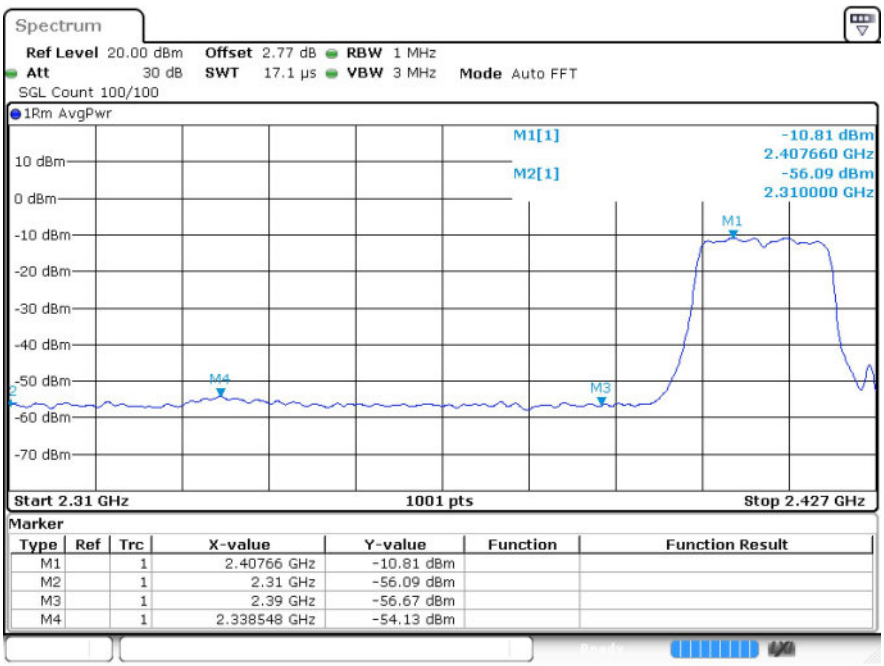
g 2462MHz Ant1 Average



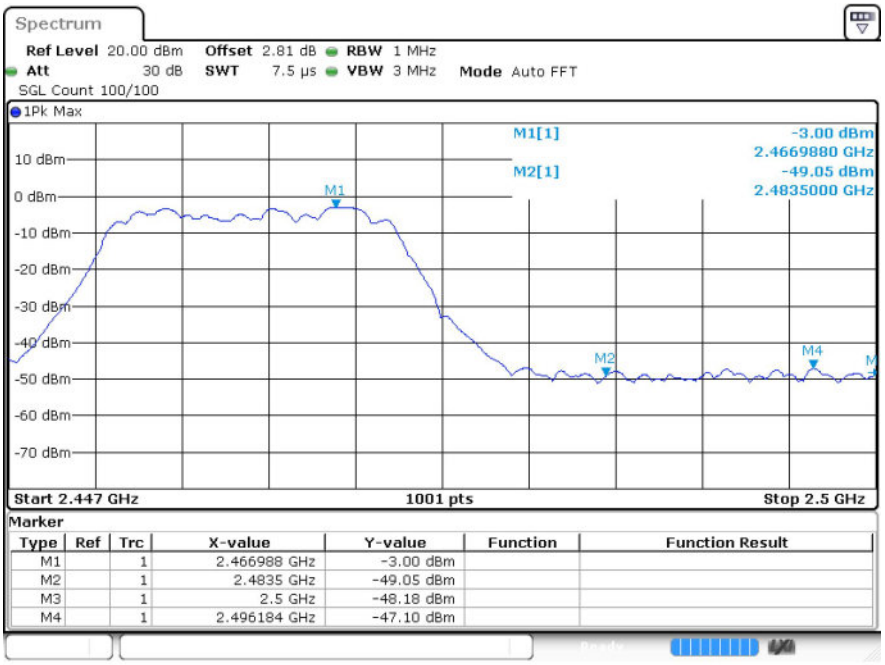
n20 2412MHz Ant1 Peak



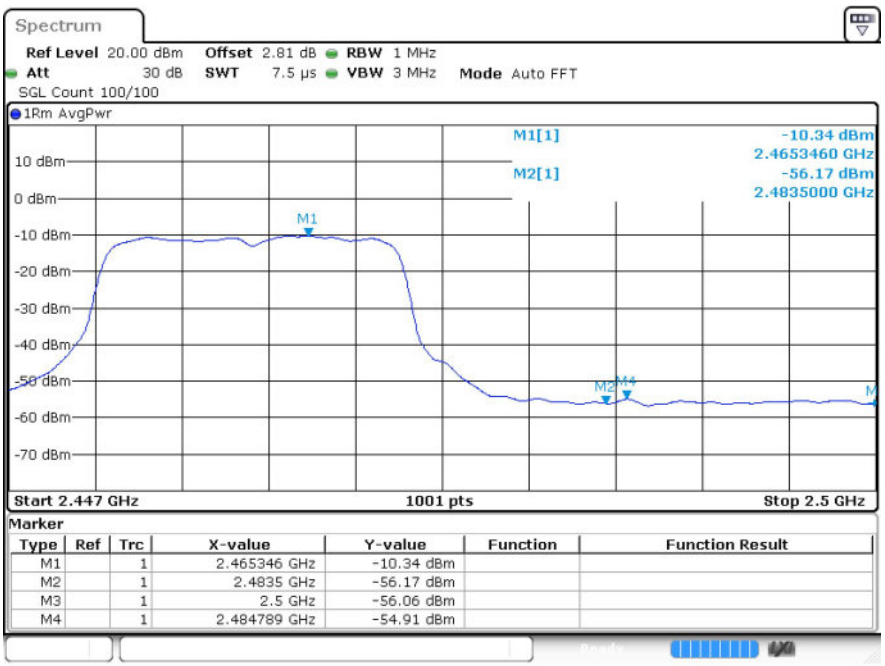
n20 2412MHz Ant1 Average



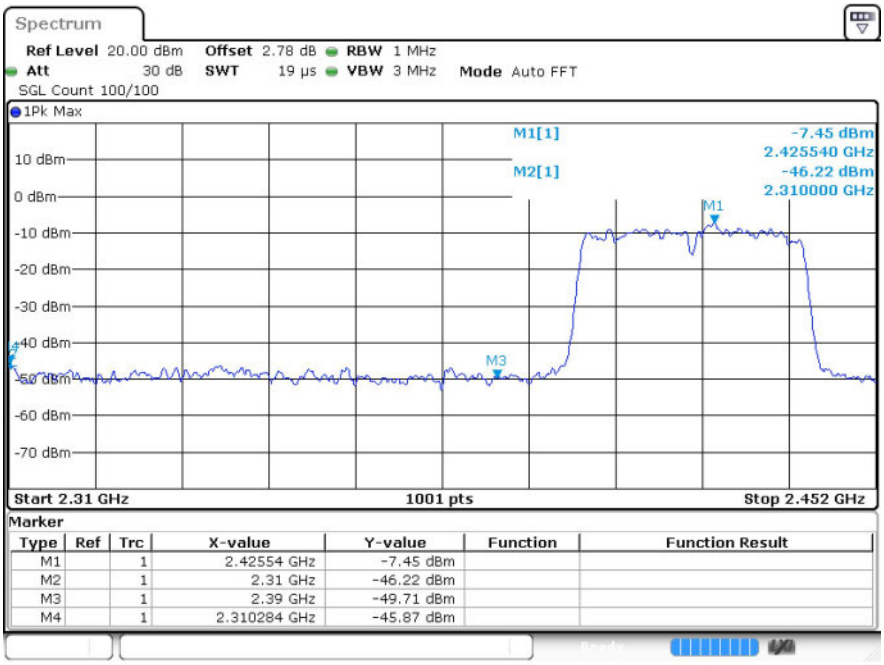
n20 2462MHz Ant1 Peak



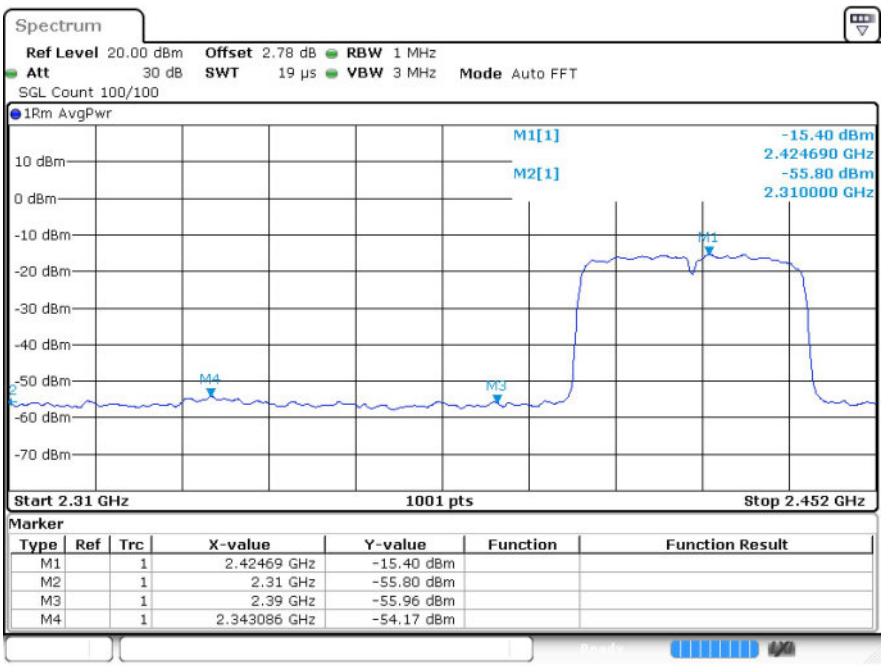
n20 2462MHz Ant1 Average



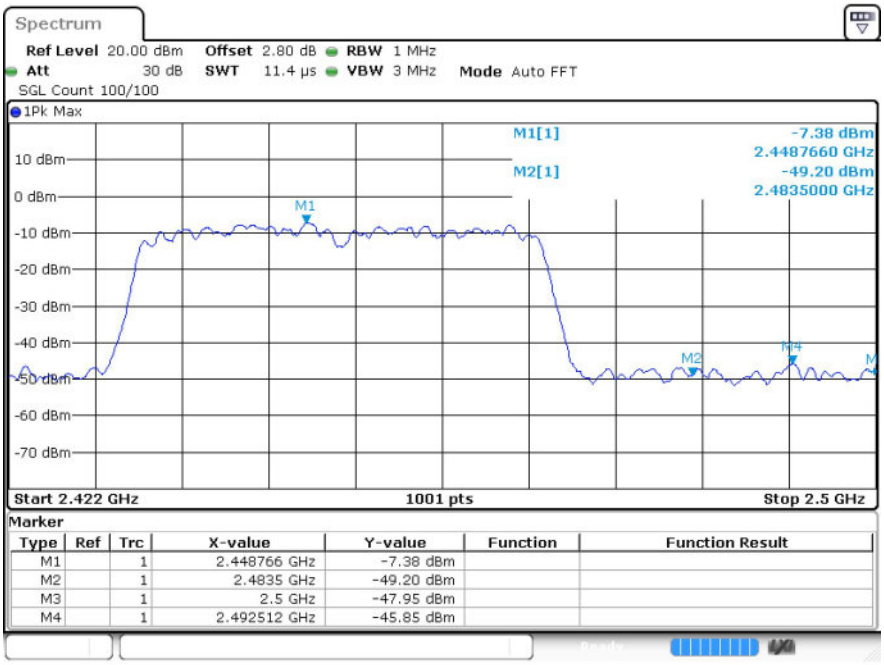
n40 2422MHz Ant1 Peak



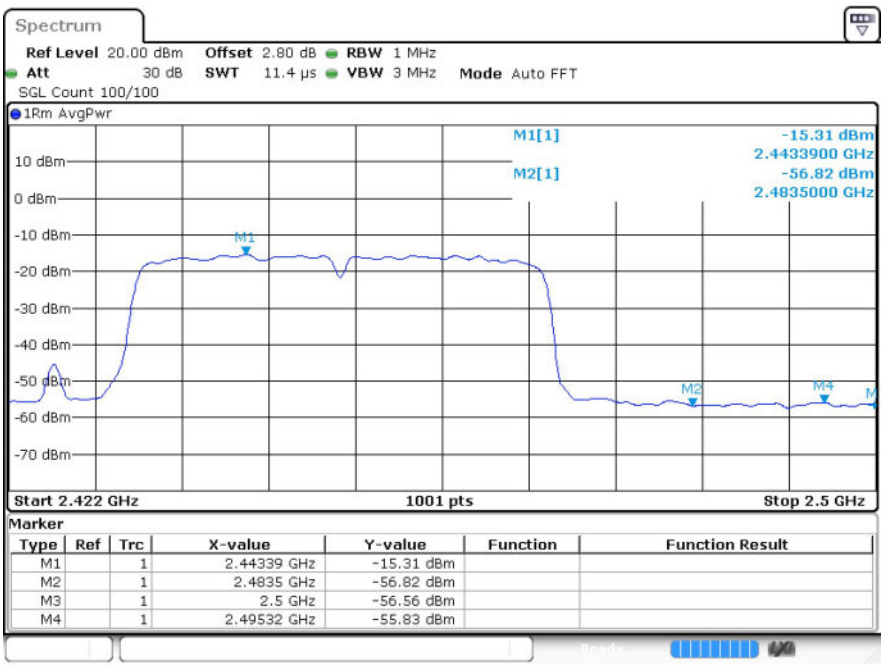
n40 2422MHz Ant1 Average



n40 2452MHz Ant1 Peak



n40 2452MHz Ant1 Average



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