



## 7 Restrict Band

### 7.1 Test Result

Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
b	2412	Ant1	2310	-49.5	2	47.76	Peak	74	Pass
b	2412	Ant1	2310	-57.71	2	39.55	Average	54	Pass
b	2412	Ant1	2315.148	-43.97	2	53.29	Peak	74	Pass
b	2412	Ant1	2336.676	-55.17	2	42.09	Average	54	Pass
b	2412	Ant1	2390	-47.82	2	49.44	Peak	74	Pass
b	2412	Ant1	2390	-57.36	2	39.9	Average	54	Pass
b	2462	Ant1	2483.5	-49.95	2	47.31	Peak	74	Pass
b	2462	Ant1	2483.5	-57.39	2	39.87	Average	54	Pass
b	2462	Ant1	2485.584	-45.76	2	51.5	Peak	74	Pass
b	2462	Ant1	2483.517	-57.39	2	39.87	Average	54	Pass
b	2462	Ant1	2500	-46.69	2	50.57	Peak	74	Pass
b	2462	Ant1	2500	-57.59	2	39.67	Average	54	Pass
g	2412	Ant1	2310	-49	2	48.26	Peak	74	Pass
g	2412	Ant1	2310	-57.92	2	39.34	Average	54	Pass
g	2412	Ant1	2359.608	-45.27	2	51.99	Peak	74	Pass
g	2412	Ant1	2336.676	-56.1	2	41.16	Average	54	Pass
g	2412	Ant1	2390	-48.84	2	49.44	Peak	74	Pass
g	2412	Ant1	2390	-57.43	2	39.83	Average	54	Pass
g	2462	Ant1	2483.5	-48.47	2	48.79	Peak	74	Pass
g	2462	Ant1	2483.5	-57.29	2	39.97	Average	54	Pass
g	2462	Ant1	2485.584	-46.8	2	50.46	Peak	74	Pass
g	2462	Ant1	2483.517	-57.29	2	39.97	Average	54	Pass
g	2462	Ant1	2500	-49.43	2	50.57	Peak	74	Pass
g	2462	Ant1	2500	-57.61	2	39.65	Average	54	Pass
n20	2412	Ant1	2310	-49.69	2	47.57	Peak	74	Pass
n20	2412	Ant1	2310	-57.94	2	39.32	Average	54	Pass
n20	2412	Ant1	2365.458	-44.59	2	52.67	Peak	74	Pass
n20	2412	Ant1	2336.676	-56.06	2	41.2	Average	54	Pass
n20	2412	Ant1	2390	-46.97	2	50.29	Peak	74	Pass
n20	2412	Ant1	2390	-57.35	2	39.91	Average	54	Pass
n20	2462	Ant1	2483.5	-48.04	2	49.22	Peak	74	Pass
n20	2462	Ant1	2483.5	-57.29	2	39.97	Average	54	Pass
n20	2462	Ant1	2497.403	-44.99	2	52.27	Peak	74	Pass



n20	2462	Ant1	2483.57	-57.28	2	39.98	Average	54	Pass
n20	2462	Ant1	2500	-48.18	2	49.08	Peak	74	Pass
n20	2462	Ant1	2500	-57.61	2	39.65	Average	54	Pass
n40	2422	Ant1	2310	-47.49	2	49.77	Peak	74	Pass
n40	2422	Ant1	2310	-57.78	2	39.48	Average	54	Pass
n40	2422	Ant1	2339.252	-43.76	2	53.5	Peak	74	Pass
n40	2422	Ant1	2339.678	-55.96	2	41.3	Average	54	Pass
n40	2422	Ant1	2390	-48.95	2	48.31	Peak	74	Pass
n40	2422	Ant1	2390	-57.39	2	39.87	Average	54	Pass
n40	2452	Ant1	2483.5	-48.2	2	49.06	Peak	74	Pass
n40	2452	Ant1	2483.5	-57.25	2	40.01	Average	54	Pass
n40	2452	Ant1	2485.726	-45.95	2	51.31	Peak	74	Pass
n40	2452	Ant1	2483.542	-57.25	2	40.01	Average	54	Pass
n40	2452	Ant1	2500	-49.15	2	48.11	Peak	74	Pass
n40	2452	Ant1	2500	-57.6	2	39.66	Average	54	Pass
b	2412	Ant2	2310	-47.58	2	49.65	Peak	74	Pass
b	2412	Ant2	2310	-56.55	2	40.68	Average	54	Pass
b	2412	Ant2	2380.083	-43.63	2	53.6	Peak	74	Pass
b	2412	Ant2	2336.793	-54.72	2	42.51	Average	54	Pass
b	2412	Ant2	2390	-44.88	2	52.35	Peak	74	Pass
b	2412	Ant2	2390	-56.28	2	40.95	Average	54	Pass
b	2462	Ant2	2483.5	-46.93	2	50.3	Peak	74	Pass
b	2462	Ant2	2483.5	-56.21	2	41.02	Average	54	Pass
b	2462	Ant2	2490.619	-44.91	2	52.32	Peak	74	Pass
b	2462	Ant2	2484.736	-56.18	2	41.05	Average	54	Pass
b	2462	Ant2	2500	-47.23	2	50	Peak	74	Pass
b	2462	Ant2	2500	-56.39	2	40.84	Average	54	Pass
g	2412	Ant2	2310	-47.68	2	49.55	Peak	74	Pass
g	2412	Ant2	2310	-56.63	2	40.6	Average	54	Pass
g	2412	Ant2	2336.559	-42.6	2	54.63	Peak	74	Pass
g	2412	Ant2	2336.91	-54.75	2	42.48	Average	54	Pass
g	2412	Ant2	2390	-47.28	2	49.95	Peak	74	Pass
g	2412	Ant2	2390	-56.23	2	41	Average	54	Pass
g	2462	Ant2	2483.5	-45.92	2	51.31	Peak	74	Pass
g	2462	Ant2	2483.5	-56.06	2	41.17	Average	54	Pass
g	2462	Ant2	2490.619	-45.45	2	51.78	Peak	74	Pass
g	2462	Ant2	2483.517	-56.06	2	41.17	Average	54	Pass
g	2462	Ant2	2500	-46.96	2	50.27	Peak	74	Pass
g	2462	Ant2	2500	-56.43	2	40.8	Average	54	Pass
n20	2412	Ant2	2310	-48.69	2	48.54	Peak	74	Pass
n20	2412	Ant2	2310	-56.62	2	40.61	Average	54	Pass
n20	2412	Ant2	2338.665	-42.91	2	54.32	Peak	74	Pass
n20	2412	Ant2	2336.676	-54.79	2	42.44	Average	54	Pass



n20	2412	Ant2	2390	-47.06	2	50.17	Peak	74	Pass
n20	2412	Ant2	2390	-56.13	2	41.1	Average	54	Pass
n20	2462	Ant2	2483.5	-46.44	2	50.79	Peak	74	Pass
n20	2462	Ant2	2483.5	-56.04	2	41.19	Average	54	Pass
n20	2462	Ant2	2485.319	-43.83	2	53.4	Peak	74	Pass
n20	2462	Ant2	2483.517	-56.04	2	41.19	Average	54	Pass
n20	2462	Ant2	2500	-47.77	2	49.46	Peak	74	Pass
n20	2462	Ant2	2500	-56.42	2	40.81	Average	54	Pass
n40	2422	Ant2	2310	-46.19	2	51.04	Peak	74	Pass
n40	2422	Ant2	2310	-56.47	2	40.76	Average	54	Pass
n40	2422	Ant2	2343.086	-43.78	2	53.45	Peak	74	Pass
n40	2422	Ant2	2338.968	-54.71	2	42.52	Average	54	Pass
n40	2422	Ant2	2390	-44.84	2	52.39	Peak	74	Pass
n40	2422	Ant2	2390	-56.2	2	41.03	Average	54	Pass
n40	2452	Ant2	2483.5	-47.81	2	49.42	Peak	74	Pass
n40	2452	Ant2	2483.5	-55.99	2	41.24	Average	54	Pass
n40	2452	Ant2	2491.186	-44.03	2	53.2	Peak	74	Pass
n40	2452	Ant2	2484.244	-55.95	2	41.28	Average	54	Pass
n40	2452	Ant2	2500	-47.05	2	50.18	Peak	74	Pass
n40	2452	Ant2	2500	-56.4	2	40.83	Average	54	Pass

**SUM**

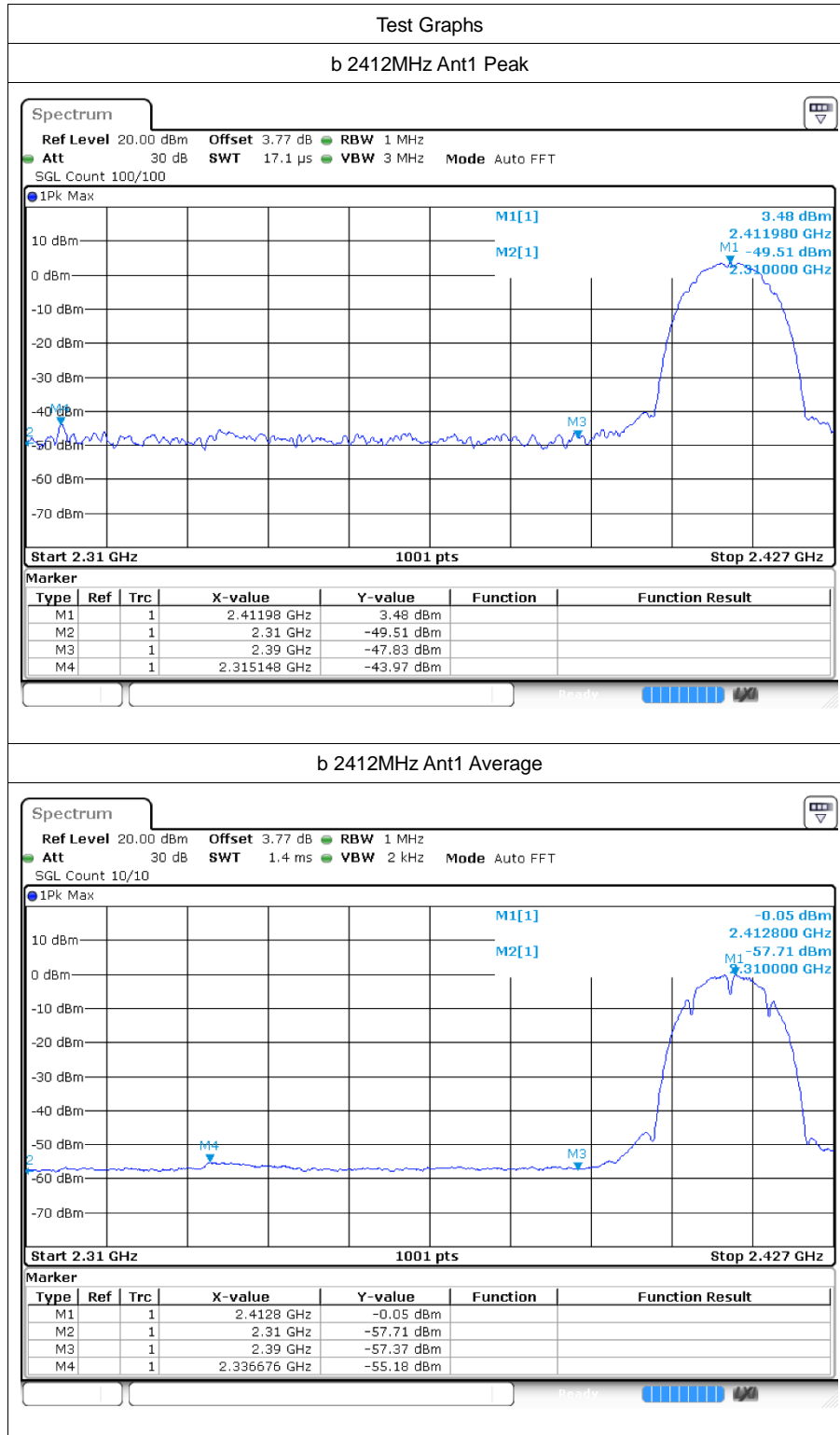
Mode	Frequency (MHz)	Ant.	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
n20	2412	Sum	2310	-46.151	2	51.079	Peak	74	Pass
n20	2412	Sum	2310	-54.220	2	43.010	Average	54	Pass
n20	2412	Sum	2336.676	-40.659	2	56.571	Peak	74	Pass
n20	2412	Sum	2338.548	-52.368	2	44.862	Average	54	Pass
n20	2412	Sum	2390	-44.004	2	53.226	Peak	74	Pass
n20	2412	Sum	2390	-53.687	2	43.543	Average	54	Pass
n20	2462	Sum	2483.5	-44.156	2	53.074	Peak	74	Pass
n20	2462	Sum	2483.5	-53.610	2	43.620	Average	54	Pass
n20	2462	Sum	2497.827	-41.361	2	55.869	Peak	74	Pass
n20	2462	Sum	2484.1	-53.606	2	43.624	Average	54	Pass
n20	2462	Sum	2500	-44.960	2	52.270	Peak	74	Pass
n20	2462	Sum	2500	-53.964	2	43.266	Average	54	Pass
n40	2422	Sum	2310	-43.781	2	53.449	Peak	74	Pass
n40	2422	Sum	2310	-54.065	2	43.165	Average	54	Pass
n40	2422	Sum	2344.79	-40.760	2	56.470	Peak	74	Pass
n40	2422	Sum	2339.678	-52.280	2	44.950	Average	54	Pass
n40	2422	Sum	2390	-43.416	2	53.814	Peak	74	Pass
n40	2422	Sum	2390	-53.744	2	43.486	Average	54	Pass
n40	2452	Sum	2483.5	-44.990	2	52.240	Peak	74	Pass



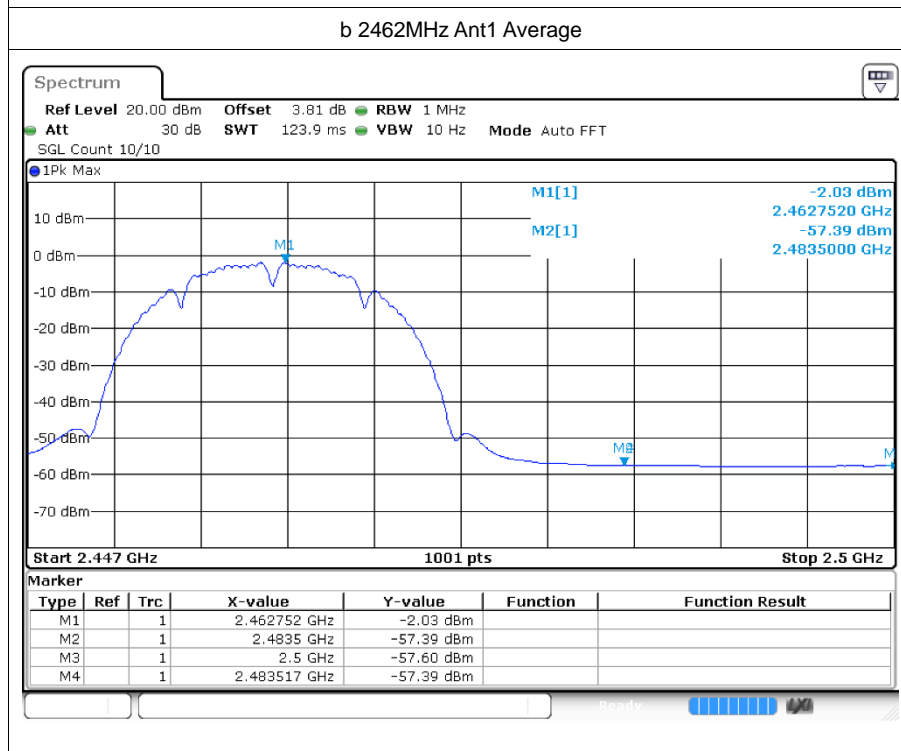
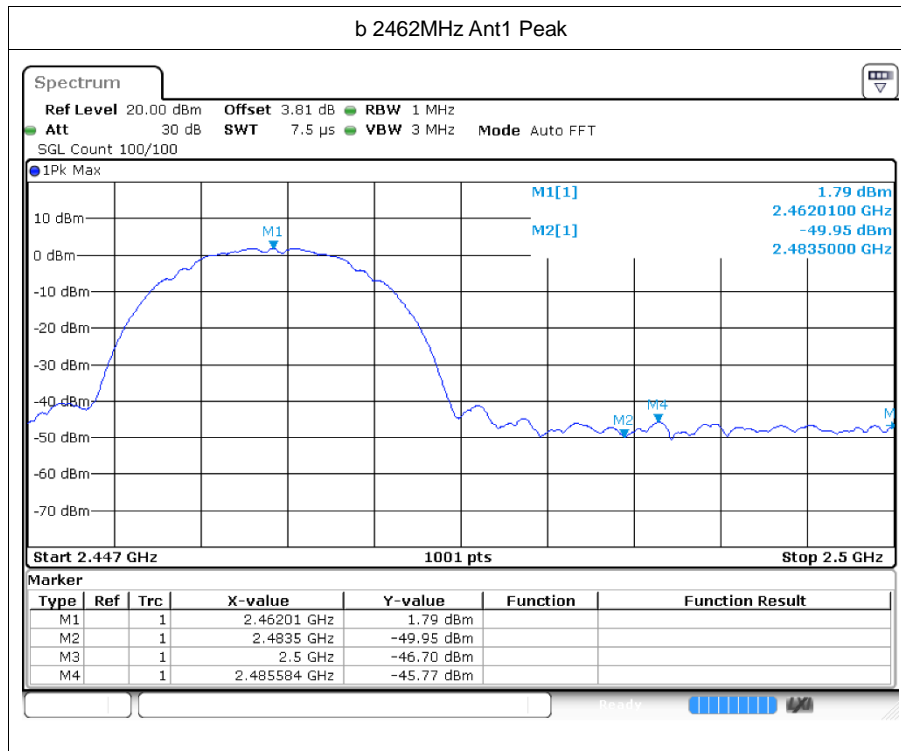
n40	2452	Sum	2483.5	-53.564	2	43.666	Average	54	Pass
n40	2452	Sum	2490.094	-41.874	2	55.356	Peak	74	Pass
n40	2452	Sum	2483.698	-53.541	2	43.689	Average	54	Pass
n40	2452	Sum	2500	-44.964	2	52.266	Peak	74	Pass
n40	2452	Sum	2500	-53.948	2	43.282	Average	54	Pass

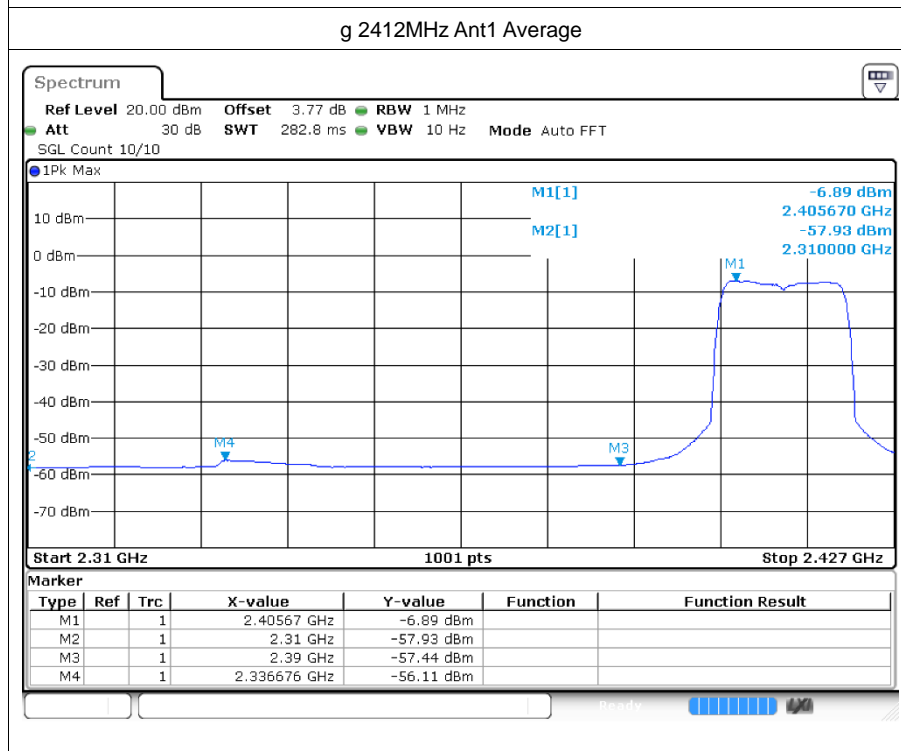
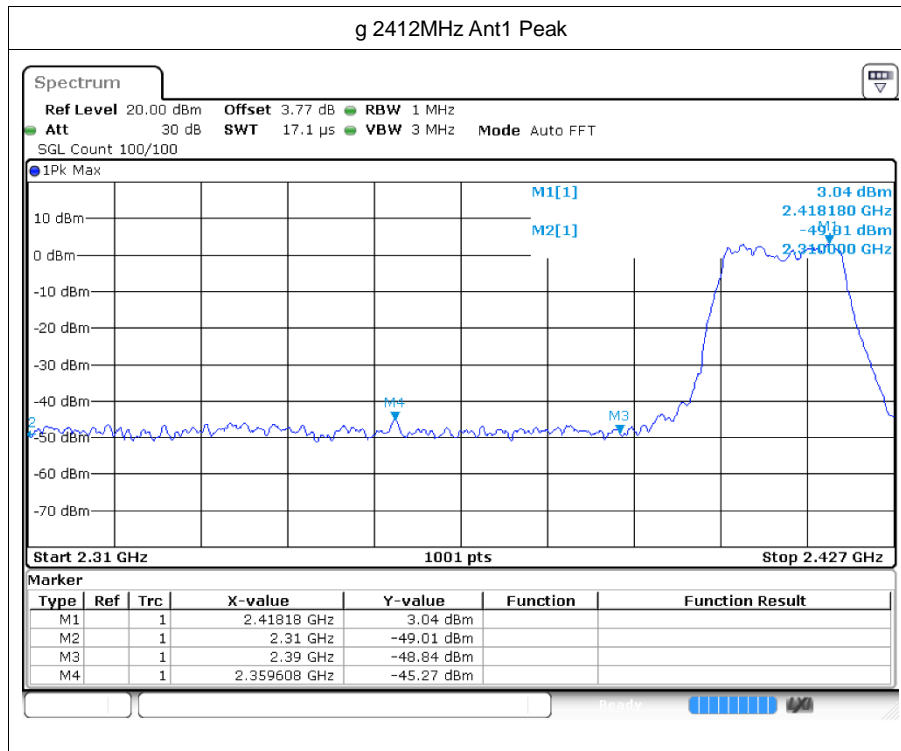


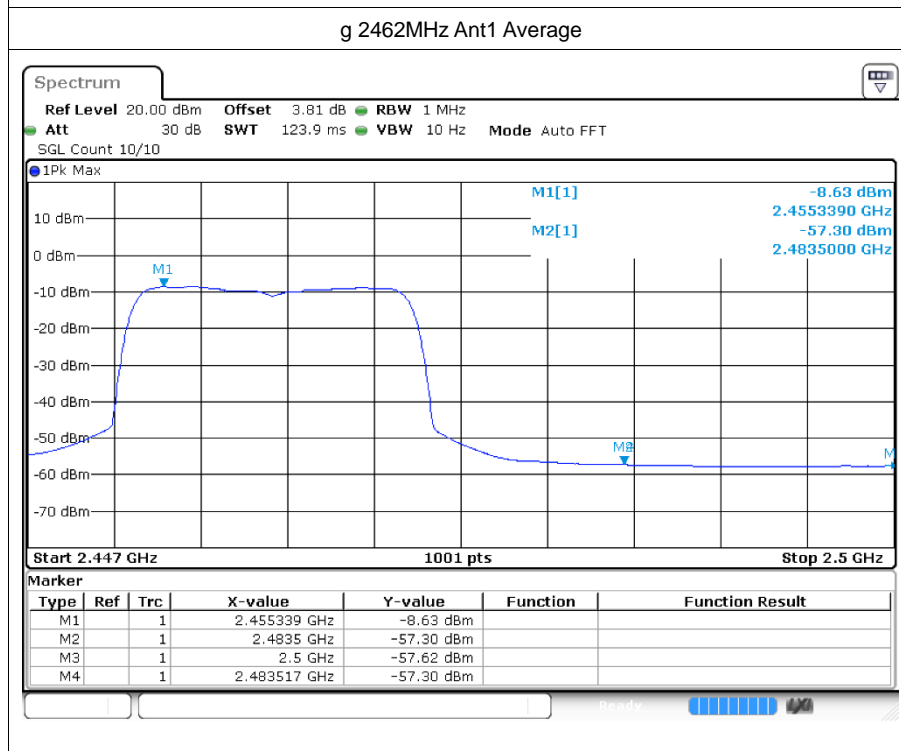
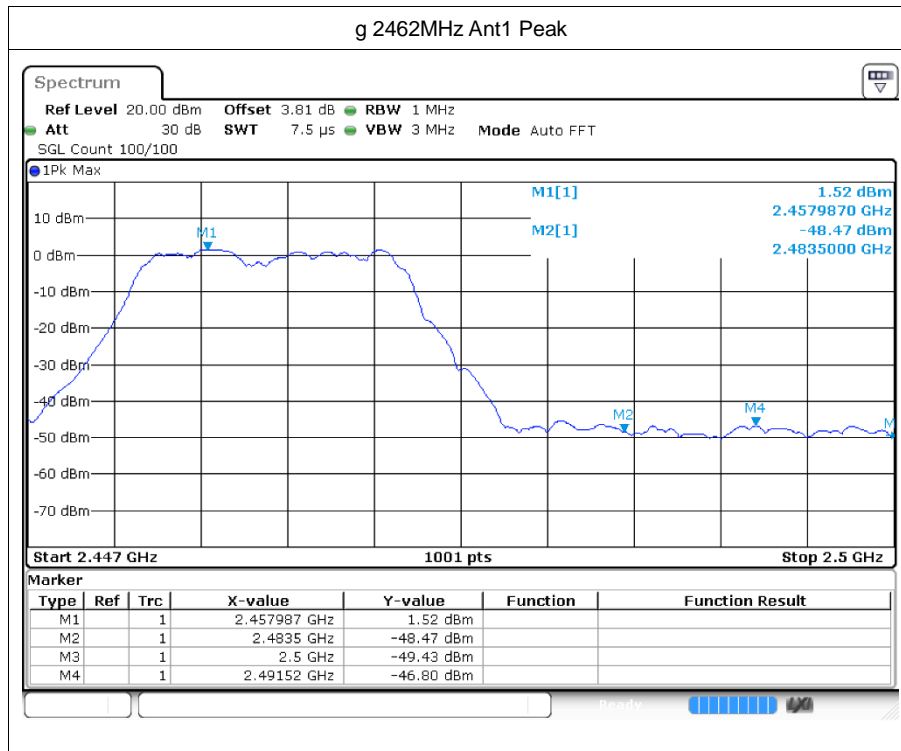
## 7.2 Test Graphs

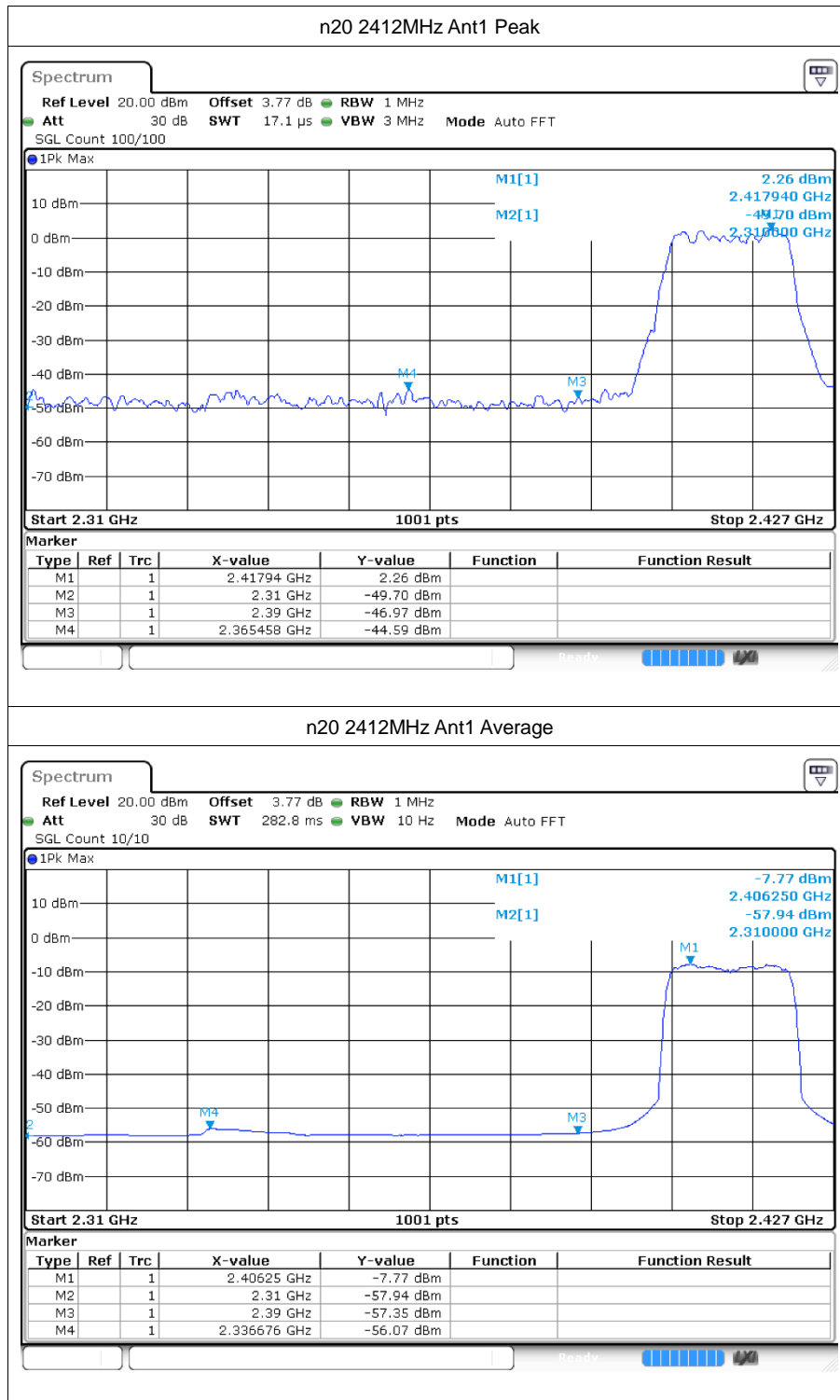


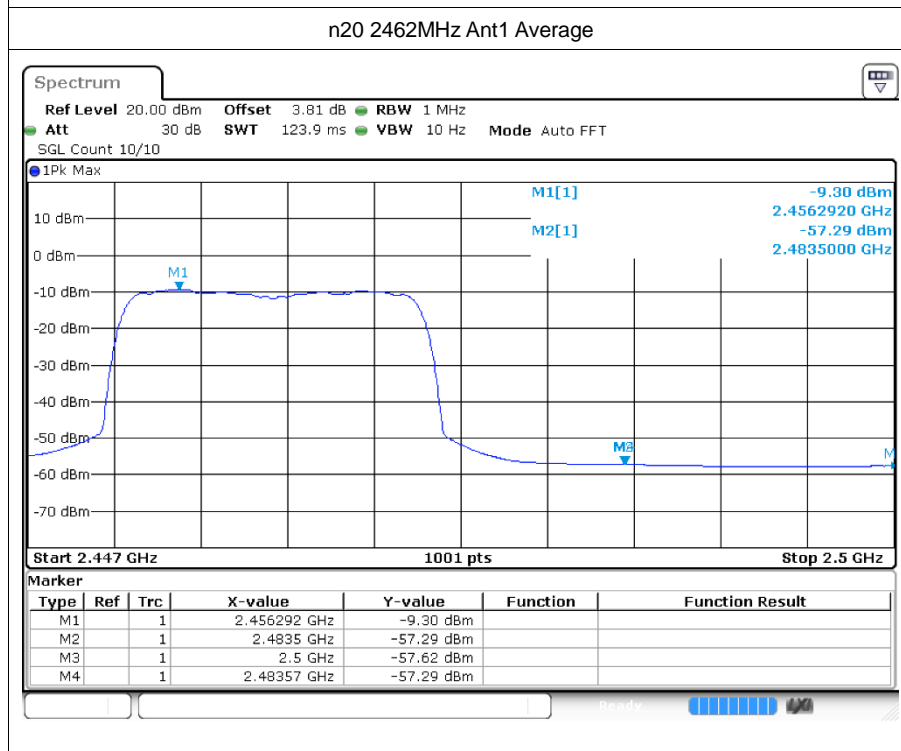
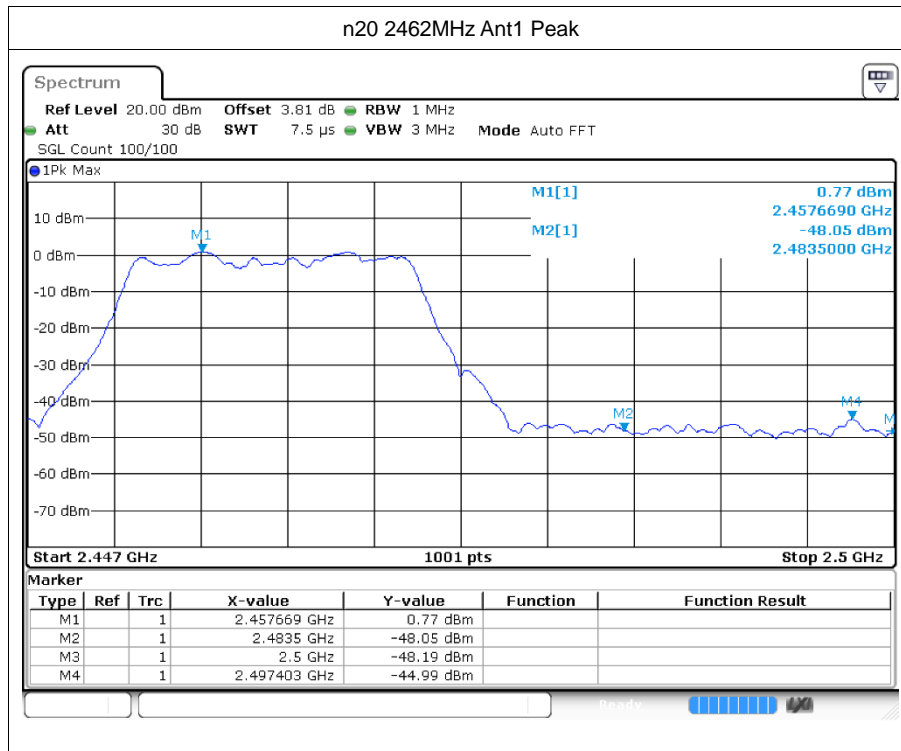


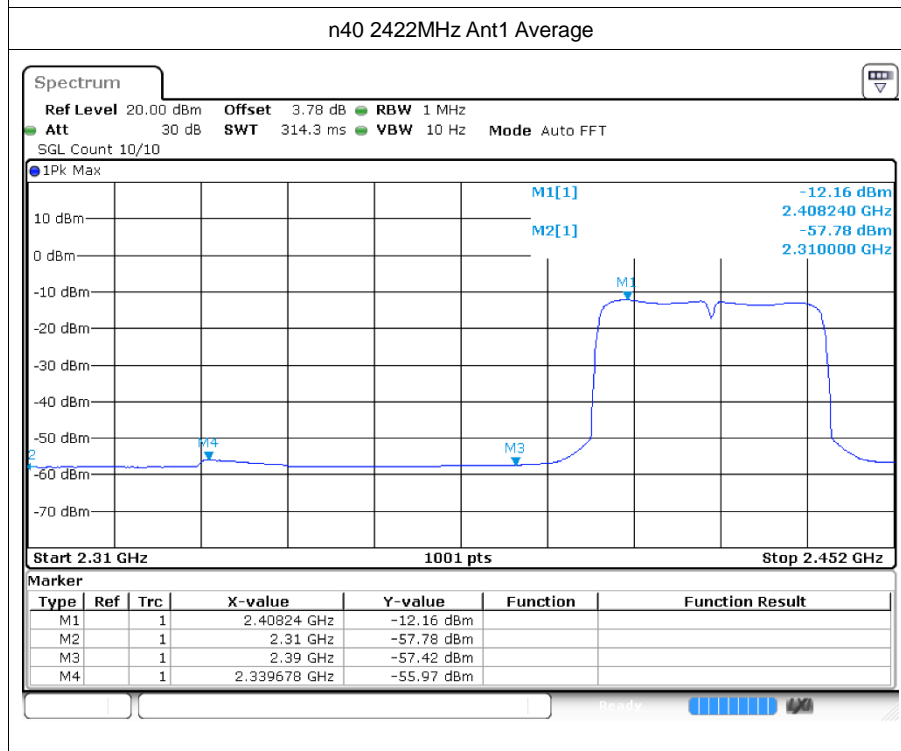
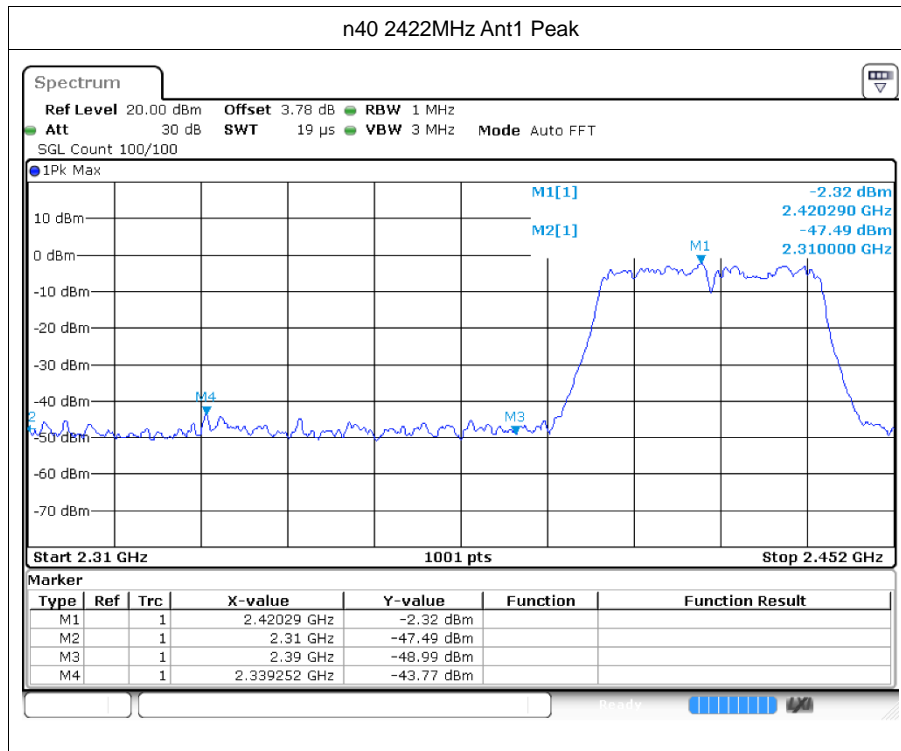


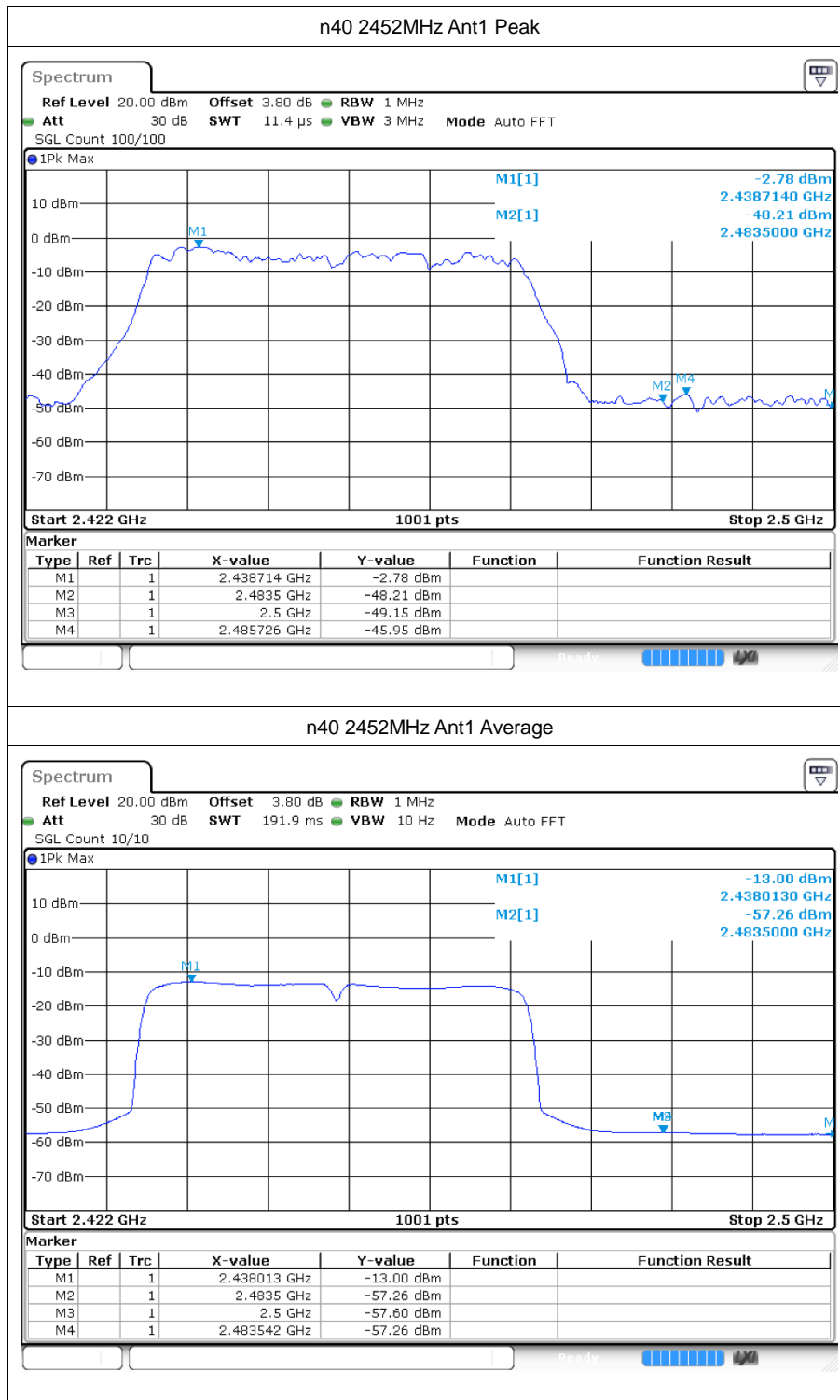




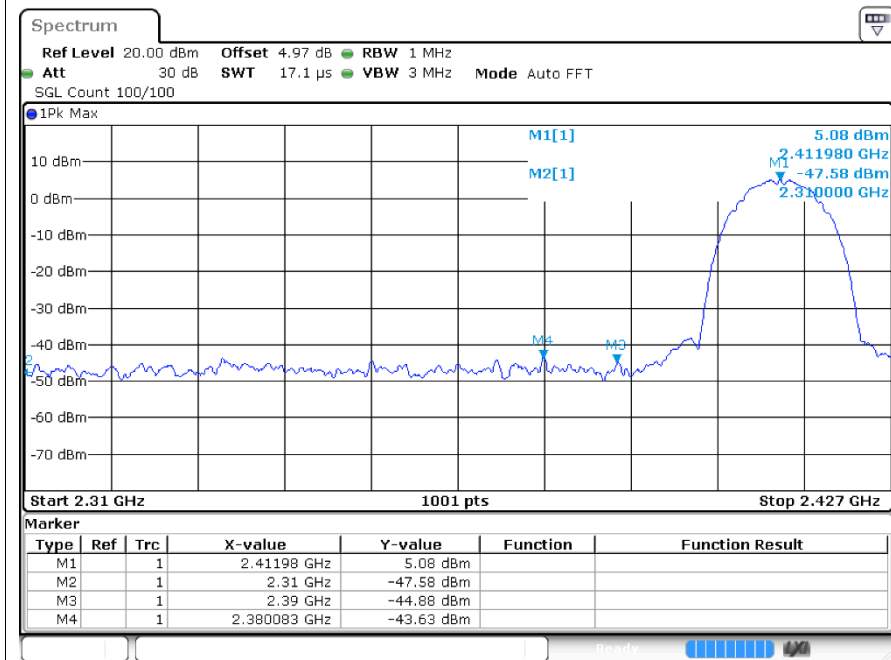




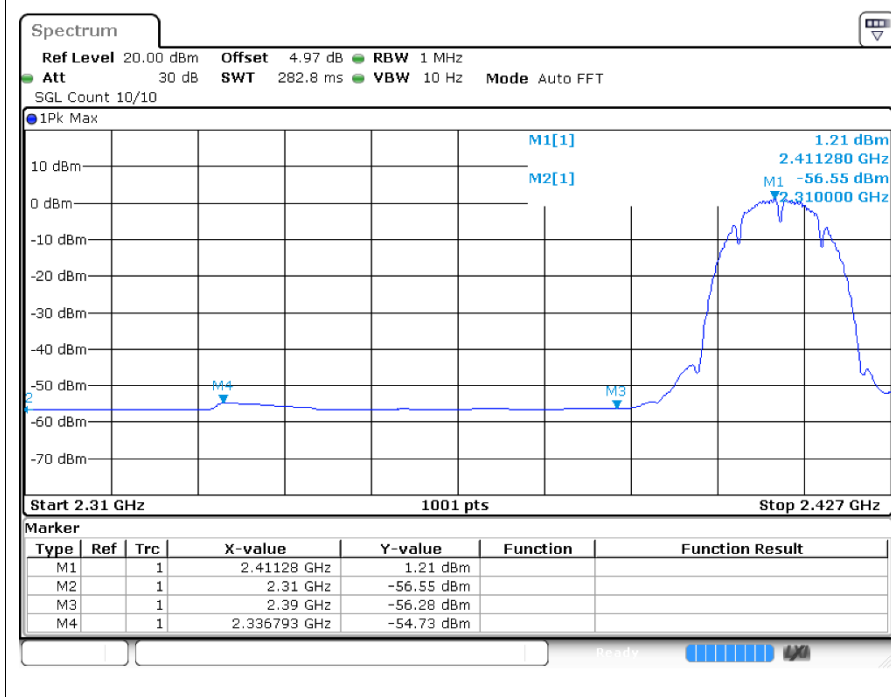




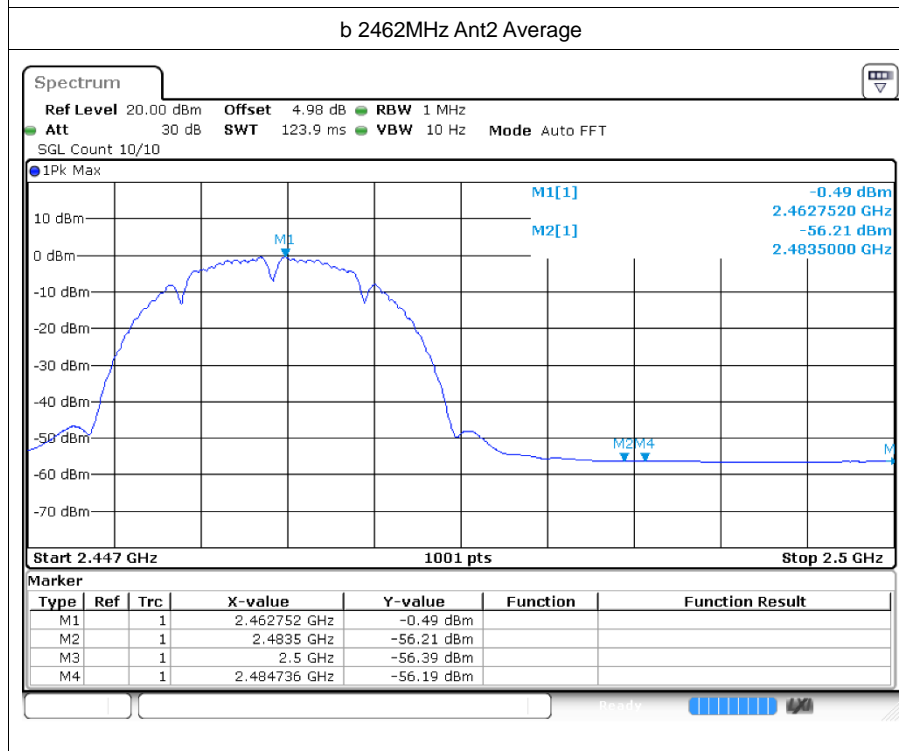
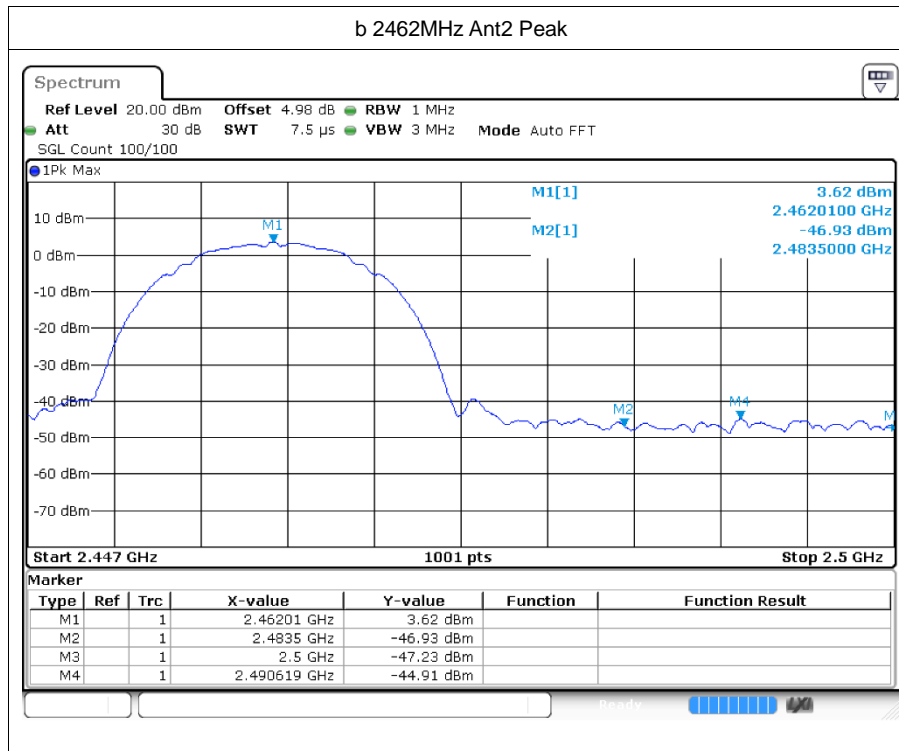
b 2412MHz Ant2 Peak

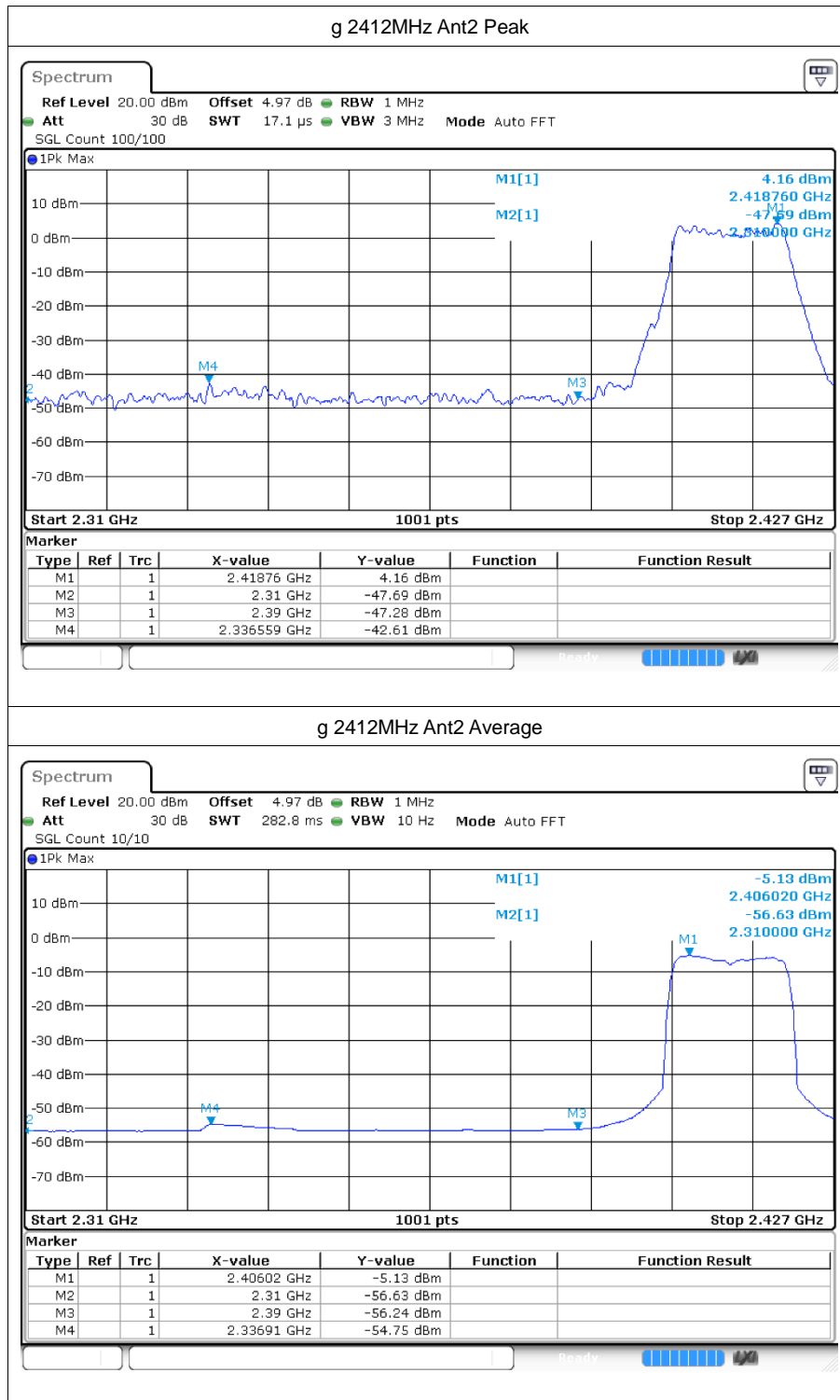


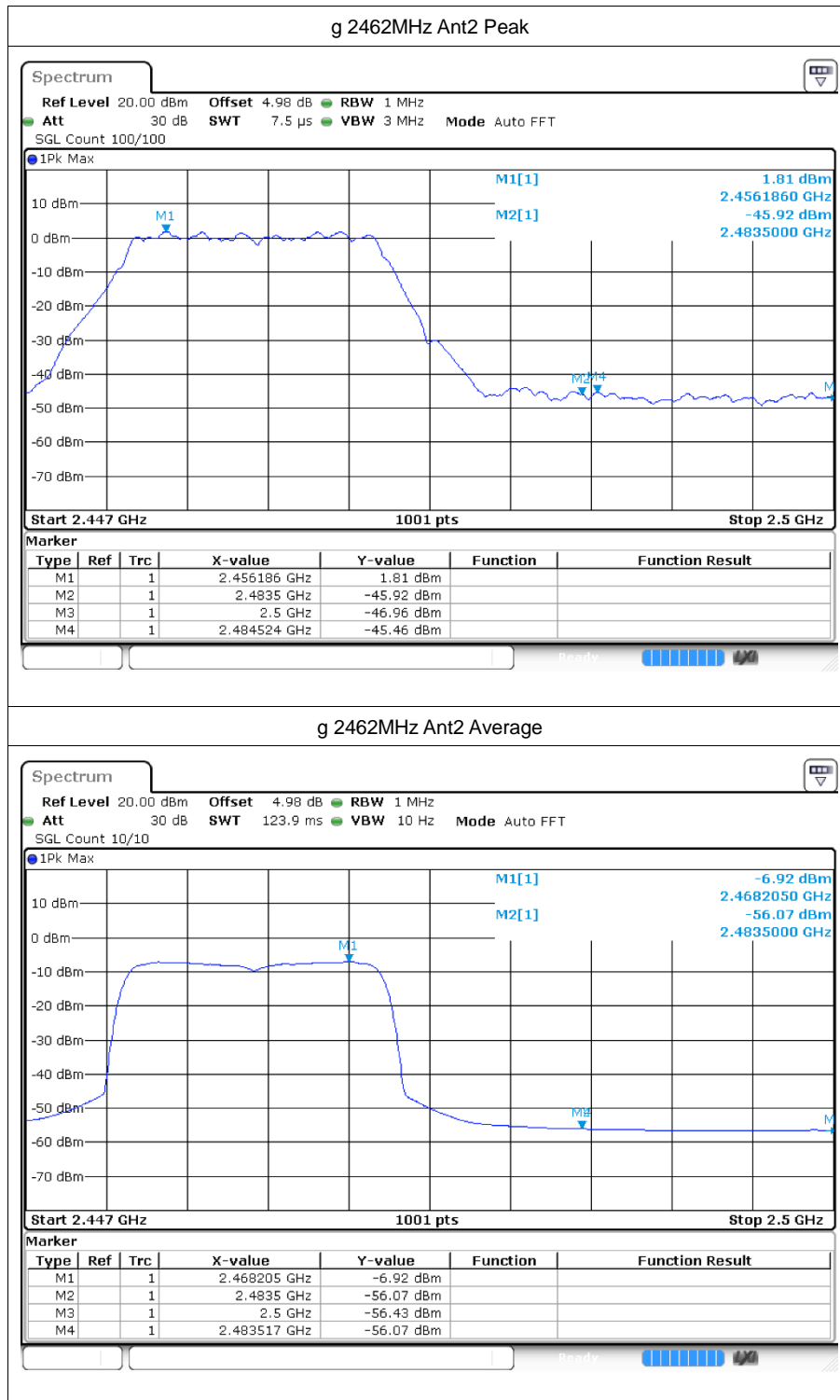
b 2412MHz Ant2 Average

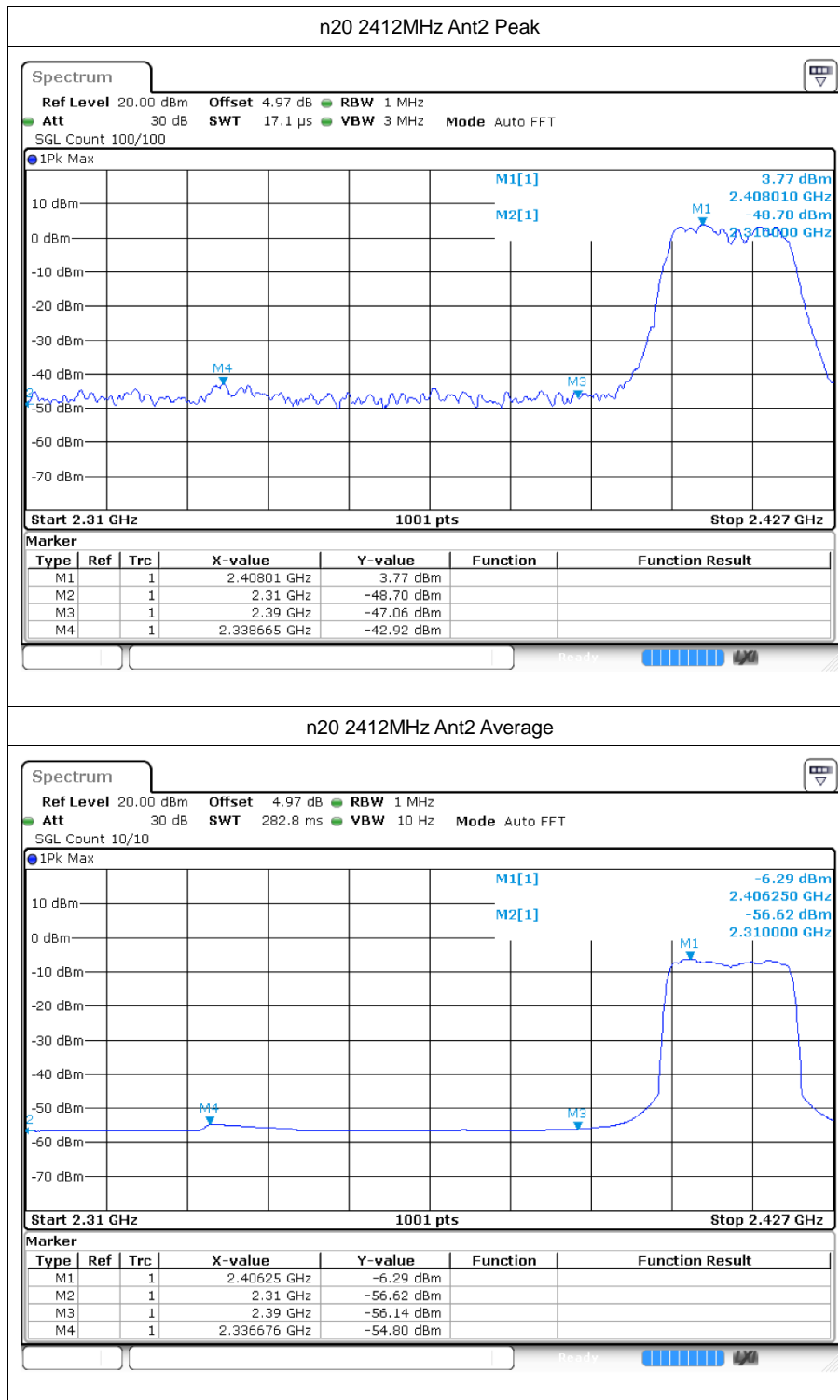


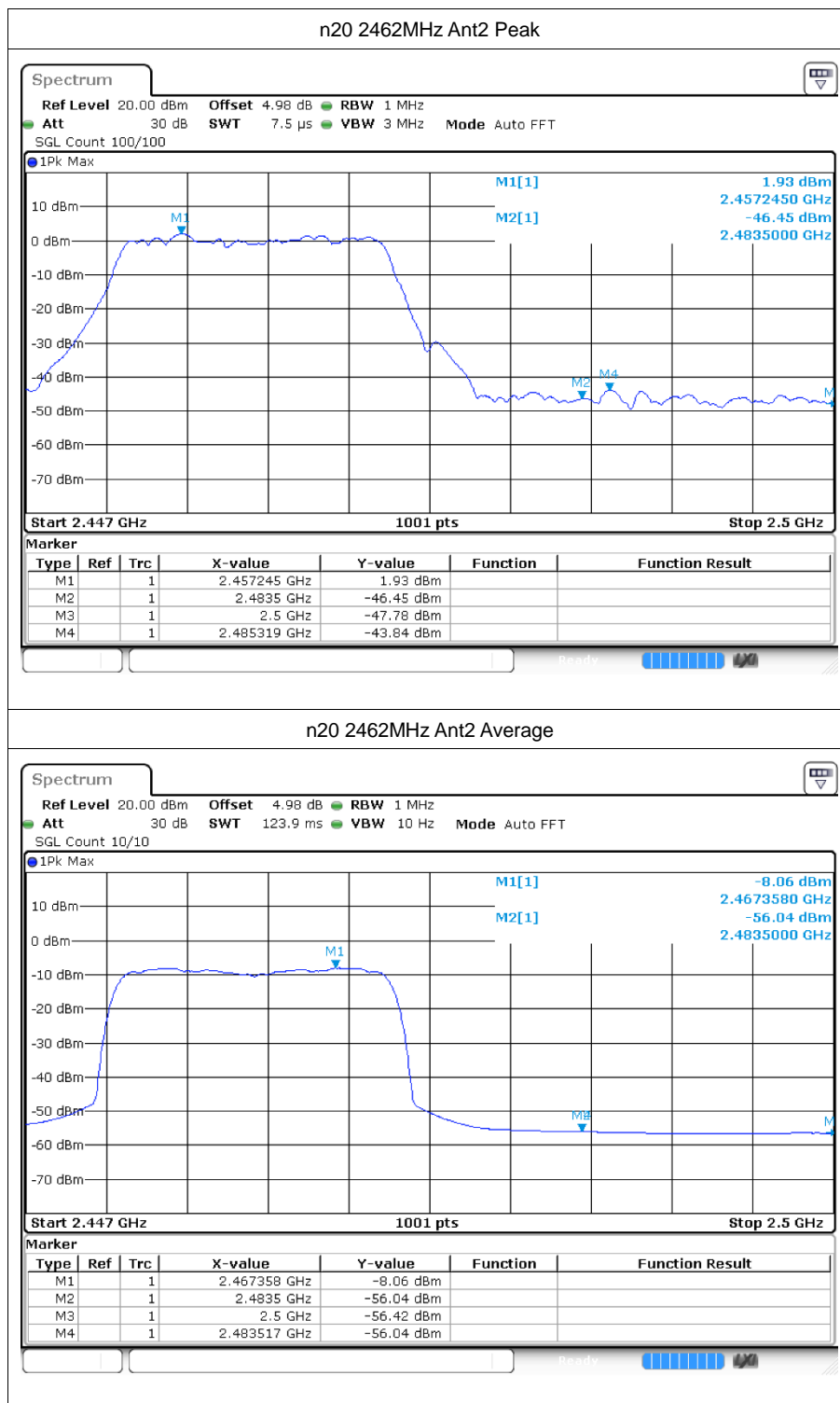


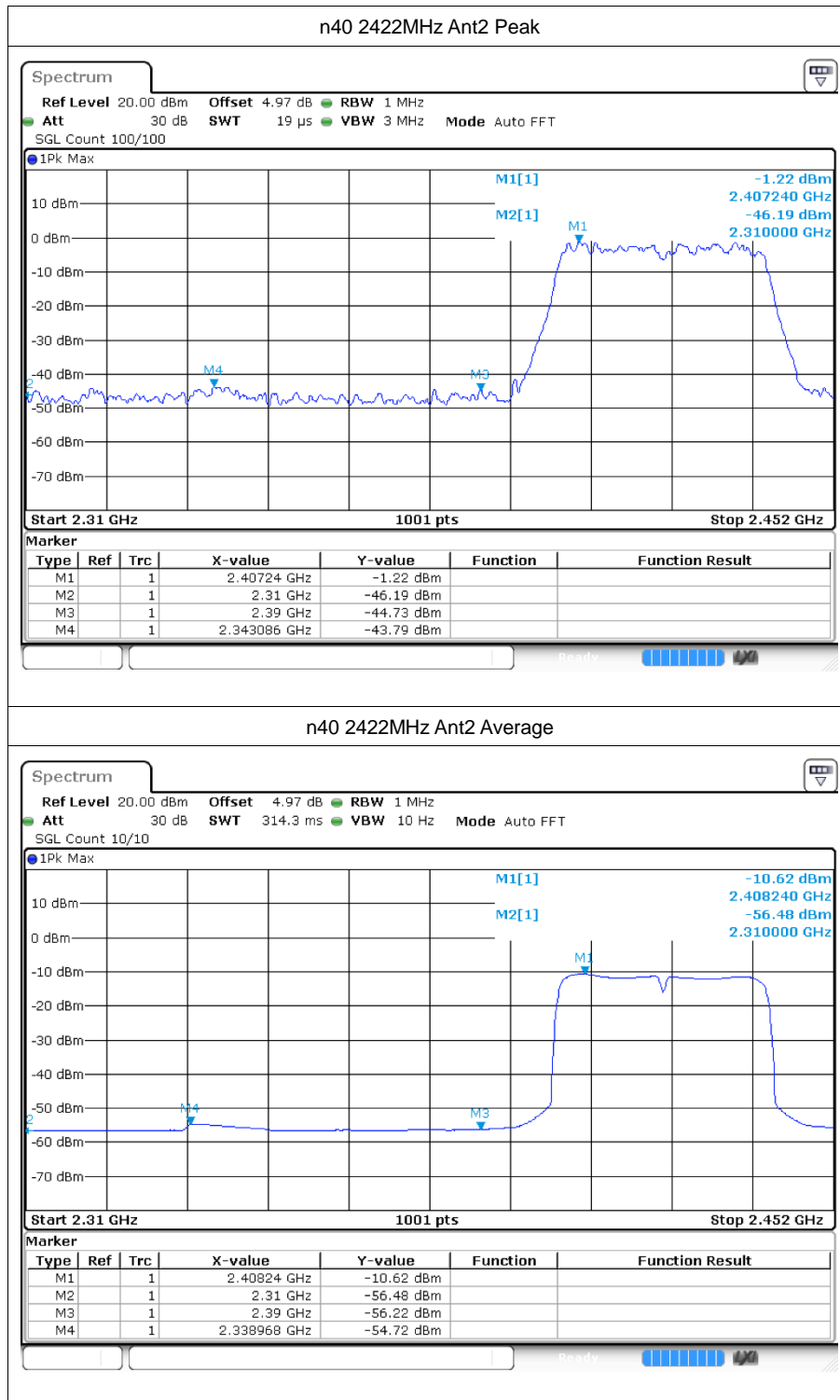


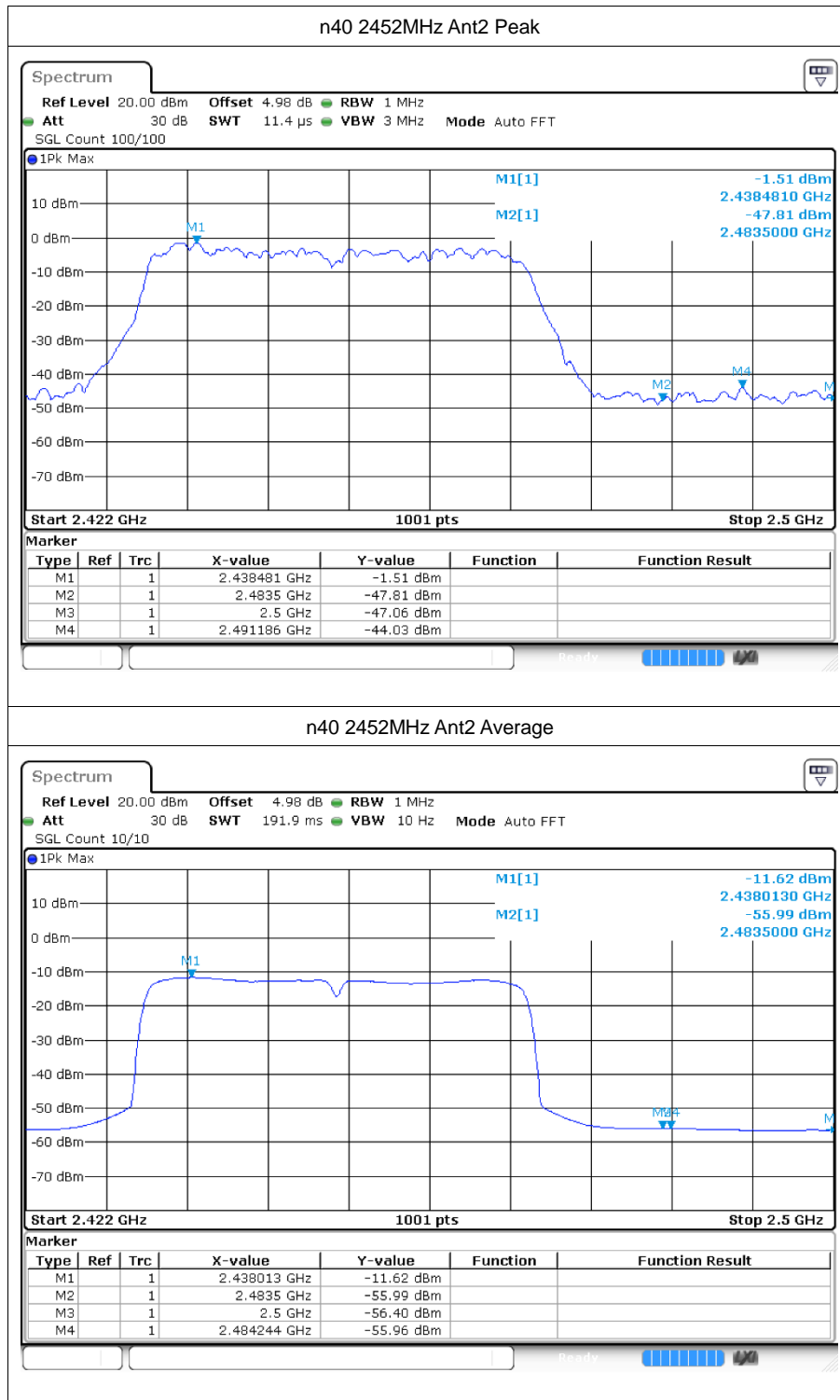












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