



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	-47.93	3.743	51.043	Peak	74	Pass
b	2412	Ant1	2310	-57.99	3.743	40.983	Average	54	Pass
b	2412	Ant1	2340.654	-44.95	3.743	54.023	Peak	74	Pass
b	2412	Ant1	2386.401	-55.35	3.743	43.623	Average	54	Pass
b	2412	Ant1	2390	-48.02	3.743	50.953	Peak	74	Pass
b	2412	Ant1	2390	-57.17	3.743	41.803	Average	54	Pass
b	2462	Ant1	2483.5	-49.01	3.743	49.963	Peak	74	Pass
b	2462	Ant1	2483.5	-56.95	3.743	42.023	Average	54	Pass
b	2462	Ant1	2490.884	-45.61	3.743	53.363	Peak	74	Pass
b	2462	Ant1	2487.545	-56.65	3.743	42.323	Average	54	Pass
b	2462	Ant1	2500	-47.82	3.743	51.153	Peak	74	Pass
b	2462	Ant1	2500	-57.58	3.743	41.393	Average	54	Pass
g	2412	Ant1	2310	-48.19	3.743	50.783	Peak	74	Pass
g	2412	Ant1	2310	-56.79	3.743	42.183	Average	54	Pass
g	2412	Ant1	2368.266	-45.47	3.743	53.503	Peak	74	Pass
g	2412	Ant1	2342.058	-54.19	3.743	44.783	Average	54	Pass
g	2412	Ant1	2390	-47.97	3.743	51.003	Peak	74	Pass
g	2412	Ant1	2390	-56.77	3.743	42.203	Average	54	Pass
g	2462	Ant1	2483.5	-49.89	3.743	49.083	Peak	74	Pass
g	2462	Ant1	2483.5	-56.43	3.743	42.543	Average	54	Pass
g	2462	Ant1	2490.884	-45.11	3.743	53.863	Peak	74	Pass
g	2462	Ant1	2485.584	-55.6	3.743	43.373	Average	54	Pass
g	2462	Ant1	2500	-46.06	3.743	52.913	Peak	74	Pass
g	2462	Ant1	2500	-56.53	3.743	42.443	Average	54	Pass
n20	2412	Ant1	2310	-49.83	3.743	49.143	Peak	74	Pass
n20	2412	Ant1	2310	-57.09	3.743	41.883	Average	54	Pass
n20	2412	Ant1	2342.409	-46.33	3.743	52.643	Peak	74	Pass
n20	2412	Ant1	2337.846	-55	3.743	43.973	Average	54	Pass
n20	2412	Ant1	2390	-48.78	3.743	50.193	Peak	74	Pass
n20	2412	Ant1	2390	-57.48	3.743	41.493	Average	54	Pass
n20	2462	Ant1	2483.5	-47.24	3.743	51.733	Peak	74	Pass
n20	2462	Ant1	2483.5	-56.38	3.743	42.593	Average	54	Pass
n20	2462	Ant1	2498.834	-47.06	3.743	51.913	Peak	74	Pass



n20	2462	Ant1	2498.887	-56.04	3.743	42.933	Average	54	Pass
n20	2462	Ant1	2500	-48.84	3.743	50.133	Peak	74	Pass
n20	2462	Ant1	2500	-56.28	3.743	42.693	Average	54	Pass
n40	2422	Ant1	2310	-49.44	3.743	49.533	Peak	74	Pass
n40	2422	Ant1	2310	-56.92	3.743	42.053	Average	54	Pass
n40	2422	Ant1	2340.956	-44.47	3.743	54.503	Peak	74	Pass
n40	2422	Ant1	2341.808	-54.79	3.743	44.183	Average	54	Pass
n40	2422	Ant1	2390	-47.44	3.743	51.533	Peak	74	Pass
n40	2422	Ant1	2390	-56.87	3.743	42.103	Average	54	Pass
n40	2452	Ant1	2483.5	-48.67	3.743	50.303	Peak	74	Pass
n40	2452	Ant1	2483.5	-56.79	3.743	42.183	Average	54	Pass
n40	2452	Ant1	2497.348	-46.69	3.743	52.283	Peak	74	Pass
n40	2452	Ant1	2497.894	-56.28	3.743	42.693	Average	54	Pass
n40	2452	Ant1	2500	-47.36	3.743	51.613	Peak	74	Pass
n40	2452	Ant1	2500	-56.31	3.743	42.663	Average	54	Pass
ax20	2412	Ant1	2310	-47.33	3.743	51.643	Peak	74	Pass
ax20	2412	Ant1	2310	-56.51	3.743	42.463	Average	54	Pass
ax20	2412	Ant1	2337.378	-45.75	3.743	53.223	Peak	74	Pass
ax20	2412	Ant1	2337.963	-54.5	3.743	44.473	Average	54	Pass
ax20	2412	Ant1	2390	-48.52	3.743	50.453	Peak	74	Pass
ax20	2412	Ant1	2390	-57.24	3.743	41.733	Average	54	Pass
ax20	2462	Ant1	2483.5	-49.08	3.743	49.893	Peak	74	Pass
ax20	2462	Ant1	2483.5	-56.47	3.743	42.503	Average	54	Pass
ax20	2462	Ant1	2499.364	-46.67	3.743	52.303	Peak	74	Pass
ax20	2462	Ant1	2496.502	-55.77	3.743	43.203	Average	54	Pass
ax20	2462	Ant1	2500	-49.16	3.743	49.813	Peak	74	Pass
ax20	2462	Ant1	2500	-56.27	3.743	42.703	Average	54	Pass
ax40	2422	Ant1	2310	-47.69	3.743	51.283	Peak	74	Pass
ax40	2422	Ant1	2310	-56.25	3.743	42.723	Average	54	Pass
ax40	2422	Ant1	2339.252	-44.9	3.743	54.073	Peak	74	Pass
ax40	2422	Ant1	2340.388	-54.27	3.743	44.703	Average	54	Pass
ax40	2422	Ant1	2390	-47.61	3.743	51.363	Peak	74	Pass
ax40	2422	Ant1	2390	-56.79	3.743	42.183	Average	54	Pass
ax40	2452	Ant1	2483.5	-48.78	3.743	50.193	Peak	74	Pass
ax40	2452	Ant1	2483.5	-55.94	3.743	43.033	Average	54	Pass
ax40	2452	Ant1	2495.086	-47.21	3.743	51.763	Peak	74	Pass
ax40	2452	Ant1	2492.434	-55.75	3.743	43.223	Average	54	Pass
ax40	2452	Ant1	2500	-48.85	3.743	50.123	Peak	74	Pass
ax40	2452	Ant1	2500	-56.48	3.743	42.493	Average	54	Pass
b	2412	Ant2	2310	-47.56	3.768	51.438	Peak	74	Pass
b	2412	Ant2	2310	-58.18	3.768	40.818	Average	54	Pass
b	2412	Ant2	2338.782	-44.54	3.768	54.458	Peak	74	Pass
b	2412	Ant2	2336.676	-56.23	3.768	42.768	Average	54	Pass



b	2412	Ant2	2390	-48.18	3.768	50.818	Peak	74	Pass
b	2412	Ant2	2390	-57.7	3.768	41.298	Average	54	Pass
b	2462	Ant2	2483.5	-46.64	3.768	52.358	Peak	74	50.62
b	2462	Ant2	2483.5	-57.06	3.768	41.938	Average	54	Pass
b	2462	Ant2	2494.647	-46.35	3.768	52.648	Peak	74	Pass
b	2462	Ant2	2483.941	-56.98	3.768	42.018	Average	54	Pass
b	2462	Ant2	2500	-48.43	3.768	50.568	Peak	74	Pass
b	2462	Ant2	2500	-57.5	3.768	41.498	Average	54	Pass
g	2412	Ant2	2310	-48.65	3.768	50.348	Peak	74	Pass
g	2412	Ant2	2310	-56.33	3.768	42.668	Average	54	Pass
g	2412	Ant2	2338.665	-44.84	3.768	54.158	Peak	74	Pass
g	2412	Ant2	2336.559	-54.41	3.768	44.588	Average	54	Pass
g	2412	Ant2	2390	-48.57	3.768	50.428	Peak	74	Pass
g	2412	Ant2	2390	-56.93	3.768	42.068	Average	54	Pass
g	2462	Ant2	2483.5	-47.99	3.768	51.008	Peak	74	Pass
g	2462	Ant2	2483.5	-55.7	3.768	43.298	Average	54	Pass
g	2462	Ant2	2494.647	-45.72	3.768	53.278	Peak	74	Pass
g	2462	Ant2	2484.948	-55.64	3.768	43.358	Average	54	Pass
g	2462	Ant2	2500	-48.36	3.768	50.638	Peak	74	Pass
g	2462	Ant2	2500	-56.5	3.768	42.498	Average	54	Pass
n20	2412	Ant2	2310	-47.33	3.768	51.668	Peak	74	Pass
n20	2412	Ant2	2310	-56.99	3.768	42.008	Average	54	Pass
n20	2412	Ant2	2336.793	-45.23	3.768	53.768	Peak	74	Pass
n20	2412	Ant2	2339.952	-54.78	3.768	44.218	Average	54	Pass
n20	2412	Ant2	2390	-49.77	3.768	49.228	Peak	74	Pass
n20	2412	Ant2	2390	-57.48	3.768	41.518	Average	54	Pass
n20	2462	Ant2	2483.5	-48.66	3.768	50.338	Peak	74	Pass
n20	2462	Ant2	2483.5	-56.89	3.768	42.108	Average	54	Pass
n20	2462	Ant2	2485.955	-46.81	3.768	52.188	Peak	74	Pass
n20	2462	Ant2	2491.467	-56.42	3.768	42.578	Average	54	Pass
n20	2462	Ant2	2500	-48.69	3.768	50.308	Peak	74	Pass
n20	2462	Ant2	2500	-56.5	3.768	42.498	Average	54	Pass
n40	2422	Ant2	2310	-49.29	3.768	49.708	Peak	74	Pass
n40	2422	Ant2	2310	-56.5	3.768	42.498	Average	54	Pass
n40	2422	Ant2	2340.956	-44.52	3.768	54.478	Peak	74	Pass
n40	2422	Ant2	2339.678	-54.78	3.768	44.218	Average	54	Pass
n40	2422	Ant2	2390	-48.56	3.768	50.438	Peak	74	Pass
n40	2422	Ant2	2390	-57.18	3.768	41.818	Average	54	Pass
n40	2452	Ant2	2483.5	-48.23	3.768	50.768	Peak	74	Pass
n40	2452	Ant2	2483.5	-56.69	3.768	42.308	Average	54	Pass
n40	2452	Ant2	2495.944	-46.45	3.768	52.548	Peak	74	Pass
n40	2452	Ant2	2499.922	-55.95	3.768	43.048	Average	54	Pass
n40	2452	Ant2	2500	-48.66	3.768	50.338	Peak	74	Pass



n40	2452	Ant2	2500	-56.02	3.768	42.978	Average	54	Pass
ax20	2412	Ant2	2310	-49.03	3.768	49.968	Peak	74	Pass
ax20	2412	Ant2	2310	-56.97	3.768	42.028	Average	54	Pass
ax20	2412	Ant2	2320.062	-45.97	3.768	53.028	Peak	74	Pass
ax20	2412	Ant2	2336.676	-54.05	3.768	44.948	Average	54	Pass
ax20	2412	Ant2	2390	-47.99	3.768	51.008	Peak	74	Pass
ax20	2412	Ant2	2390	-57.23	3.768	41.768	Average	54	Pass
ax20	2462	Ant2	2483.5	-49.92	3.768	49.078	Peak	74	Pass
ax20	2462	Ant2	2483.5	-56.09	3.768	42.908	Average	54	Pass
ax20	2462	Ant2	2497.615	-47.25	3.768	51.748	Peak	74	Pass
ax20	2462	Ant2	2489.771	-55.5	3.768	43.498	Average	54	Pass
ax20	2462	Ant2	2500	-47.45	3.768	51.548	Peak	74	Pass
ax20	2462	Ant2	2500	-55.96	3.768	43.038	Average	54	Pass
ax40	2422	Ant2	2310	-47.64	3.768	51.358	Peak	74	Pass
ax40	2422	Ant2	2310	-56.27	3.768	42.728	Average	54	Pass
ax40	2422	Ant2	2344.79	-45.07	3.768	53.928	Peak	74	Pass
ax40	2422	Ant2	2340.672	-54.38	3.768	44.618	Average	54	Pass
ax40	2422	Ant2	2390	-47.61	3.768	51.388	Peak	74	Pass
ax40	2422	Ant2	2390	-56.69	3.768	42.308	Average	54	Pass
ax40	2452	Ant2	2483.5	-48.8	3.768	50.198	Peak	74	Pass
ax40	2452	Ant2	2483.5	-56.4	3.768	42.598	Average	54	Pass
ax40	2452	Ant2	2490.25	-46.54	3.768	52.458	Peak	74	Pass
ax40	2452	Ant2	2484.712	-55.52	3.768	43.478	Average	54	Pass
ax40	2452	Ant2	2500	-47.74	3.768	51.258	Peak	74	Pass
ax40	2452	Ant2	2500	-55.98	3.768	43.018	Average	54	Pass

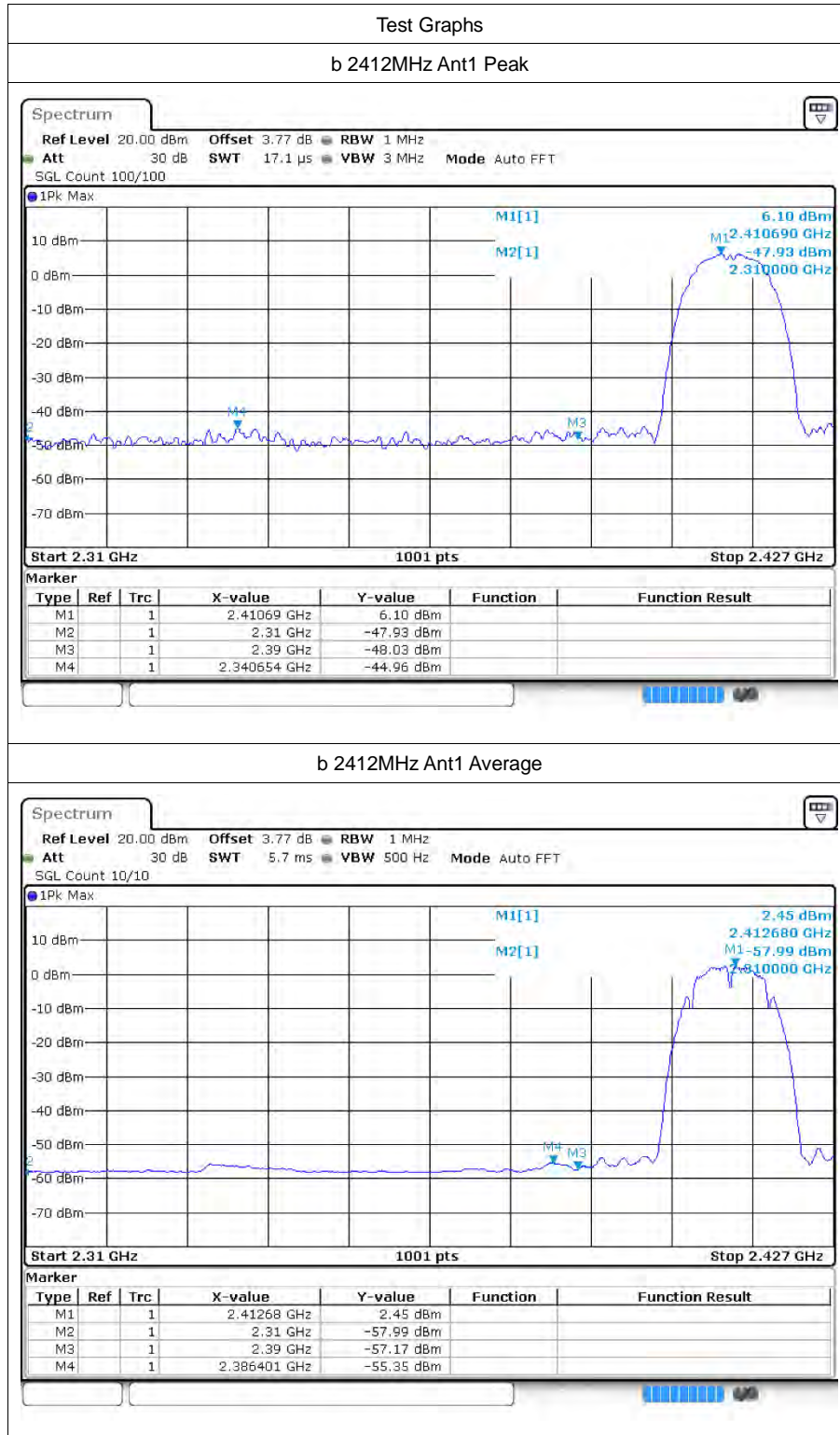
SUM:

n20	2412	Sum	2310	-45.392	6.766	56.604	Peak	74	Pass
n20	2412	Sum	2310	-54.029	6.766	47.967	Average	54	Pass
n20	2412	Sum	2338.782	-42.735	6.766	59.261	Peak	74	Pass
n20	2412	Sum	2338.548	-51.878	6.766	50.118	Average	54	Pass
n20	2412	Sum	2390	-46.237	6.766	55.759	Peak	74	Pass
n20	2412	Sum	2390	-54.470	6.766	47.526	Average	54	Pass
n20	2462	Sum	2483.5	-44.882	6.766	57.114	Peak	74	Pass
n20	2462	Sum	2483.5	-53.617	6.766	48.379	Average	54	Pass
n20	2462	Sum	2496.078	-43.923	6.766	58.073	Peak	74	Pass
n20	2462	Sum	2499.205	-53.216	6.766	48.780	Average	54	Pass
n20	2462	Sum	2500	-45.754	6.766	56.242	Peak	74	Pass
n20	2462	Sum	2500	-53.378	6.766	48.618	Average	54	Pass
n40	2422	Sum	2310	-46.354	6.766	55.642	Peak	74	Pass
n40	2422	Sum	2310	-53.695	6.766	48.301	Average	54	Pass
n40	2422	Sum	2362.54	-41.485	6.766	60.511	Peak	74	Pass
n40	2422	Sum	2340.672	-51.775	6.766	50.221	Average	54	Pass

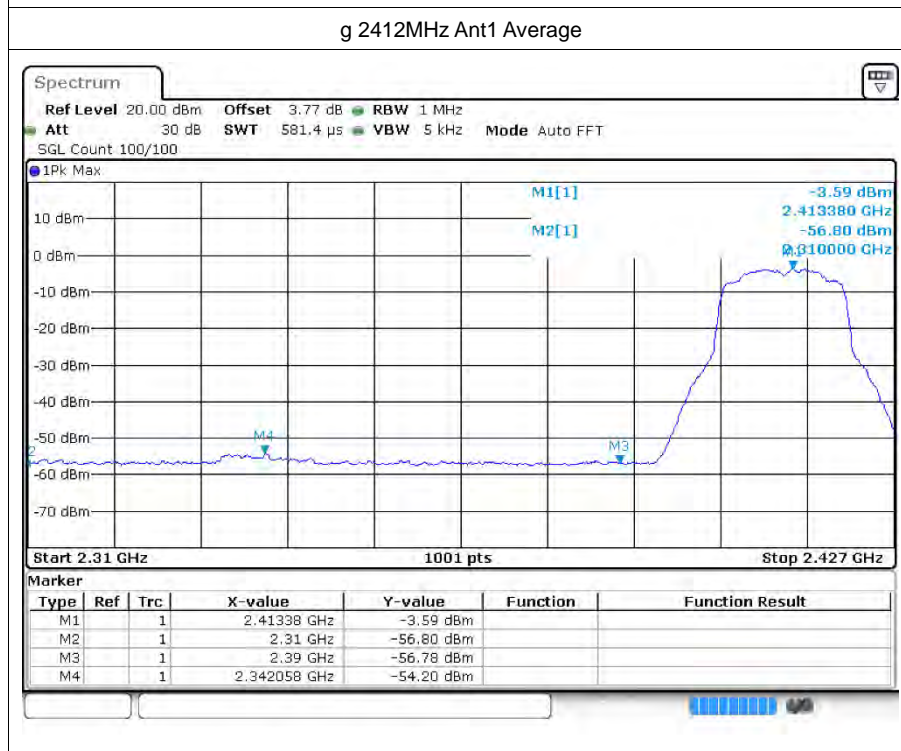
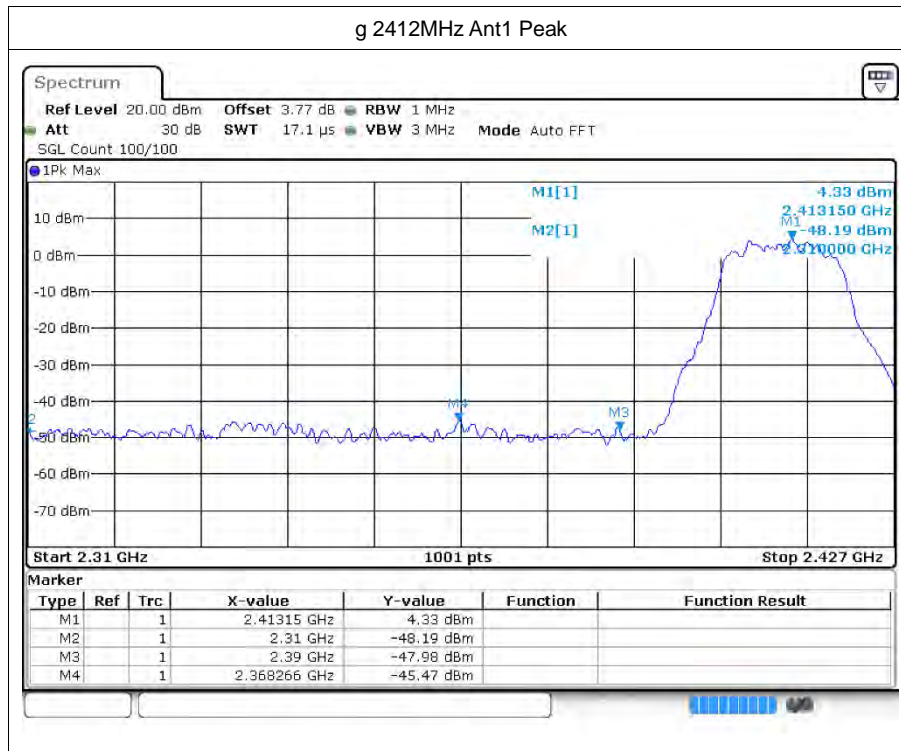


n40	2422	Sum	2390	-44.954	6.766	57.042	Peak	74	Pass
n40	2422	Sum	2390	-54.012	6.766	47.984	Average	54	Pass
n40	2452	Sum	2483.5	-45.434	6.766	56.562	Peak	74	Pass
n40	2452	Sum	2483.5	-53.729	6.766	48.267	Average	54	Pass
n40	2452	Sum	2490.016	-43.558	6.766	58.438	Peak	74	Pass
n40	2452	Sum	2496.178	-53.102	6.766	48.894	Average	54	Pass
n40	2452	Sum	2500	-44.951	6.766	57.045	Peak	74	Pass
n40	2452	Sum	2500	-53.152	6.766	48.844	Average	54	Pass
ax20	2412	Sum	2310	-45.087	6.766	56.909	Peak	74	Pass
ax20	2412	Sum	2310	-53.724	6.766	48.272	Average	54	Pass
ax20	2412	Sum	2336.559	-42.848	6.766	59.148	Peak	74	Pass
ax20	2412	Sum	2337.846	-51.259	6.766	50.737	Average	54	Pass
ax20	2412	Sum	2390	-45.237	6.766	56.759	Peak	74	Pass
ax20	2412	Sum	2390	-54.225	6.766	47.771	Average	54	Pass
ax20	2462	Sum	2483.5	-46.469	6.766	55.527	Peak	74	Pass
ax20	2462	Sum	2483.5	-53.266	6.766	48.730	Average	54	Pass
ax20	2462	Sum	2497.562	-43.940	6.766	58.056	Peak	74	Pass
ax20	2462	Sum	2484.418	-52.623	6.766	49.373	Average	54	Pass
ax20	2462	Sum	2500	-45.211	6.766	56.785	Peak	74	Pass
ax20	2462	Sum	2500	-53.102	6.766	48.894	Average	54	Pass
ax40	2422	Sum	2310	-44.655	6.766	57.341	Peak	74	Pass
ax40	2422	Sum	2310	-53.250	6.766	48.746	Average	54	Pass
ax40	2422	Sum	2341.382	-41.974	6.766	60.022	Peak	74	Pass
ax40	2422	Sum	2339.11	-51.314	6.766	50.682	Average	54	Pass
ax40	2422	Sum	2390	-44.600	6.766	57.396	Peak	74	Pass
ax40	2422	Sum	2390	-53.729	6.766	48.267	Average	54	Pass
ax40	2452	Sum	2483.5	-45.780	6.766	56.216	Peak	74	Pass
ax40	2452	Sum	2483.5	-53.154	6.766	48.842	Average	54	Pass
ax40	2452	Sum	2489.782	-43.852	6.766	58.144	Peak	74	Pass
ax40	2452	Sum	2486.038	-52.623	6.766	49.373	Average	54	Pass
ax40	2452	Sum	2500	-45.249	6.766	56.747	Peak	74	Pass
ax40	2452	Sum	2500	-53.213	6.766	48.783	Average	54	Pass

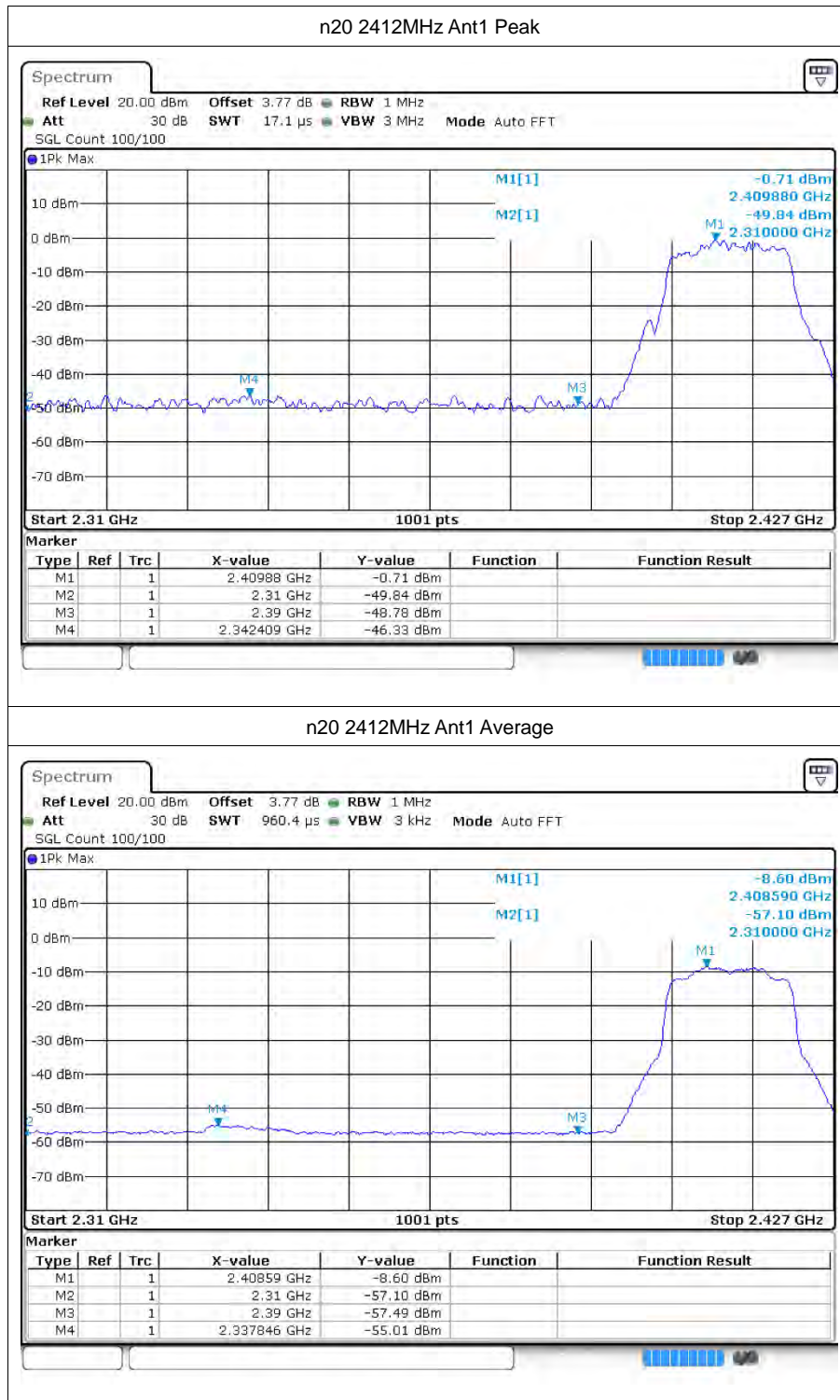
7.2 Test Graphs

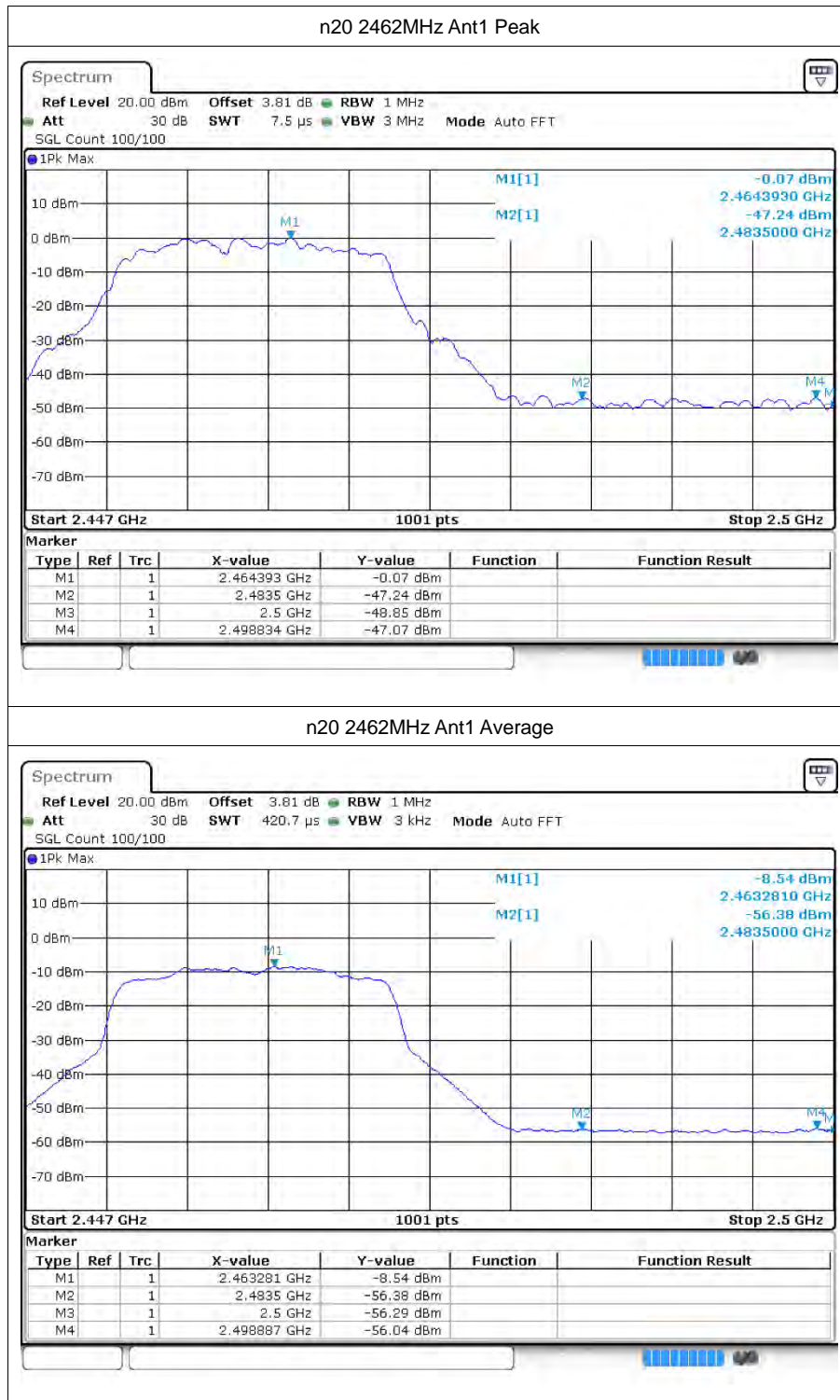


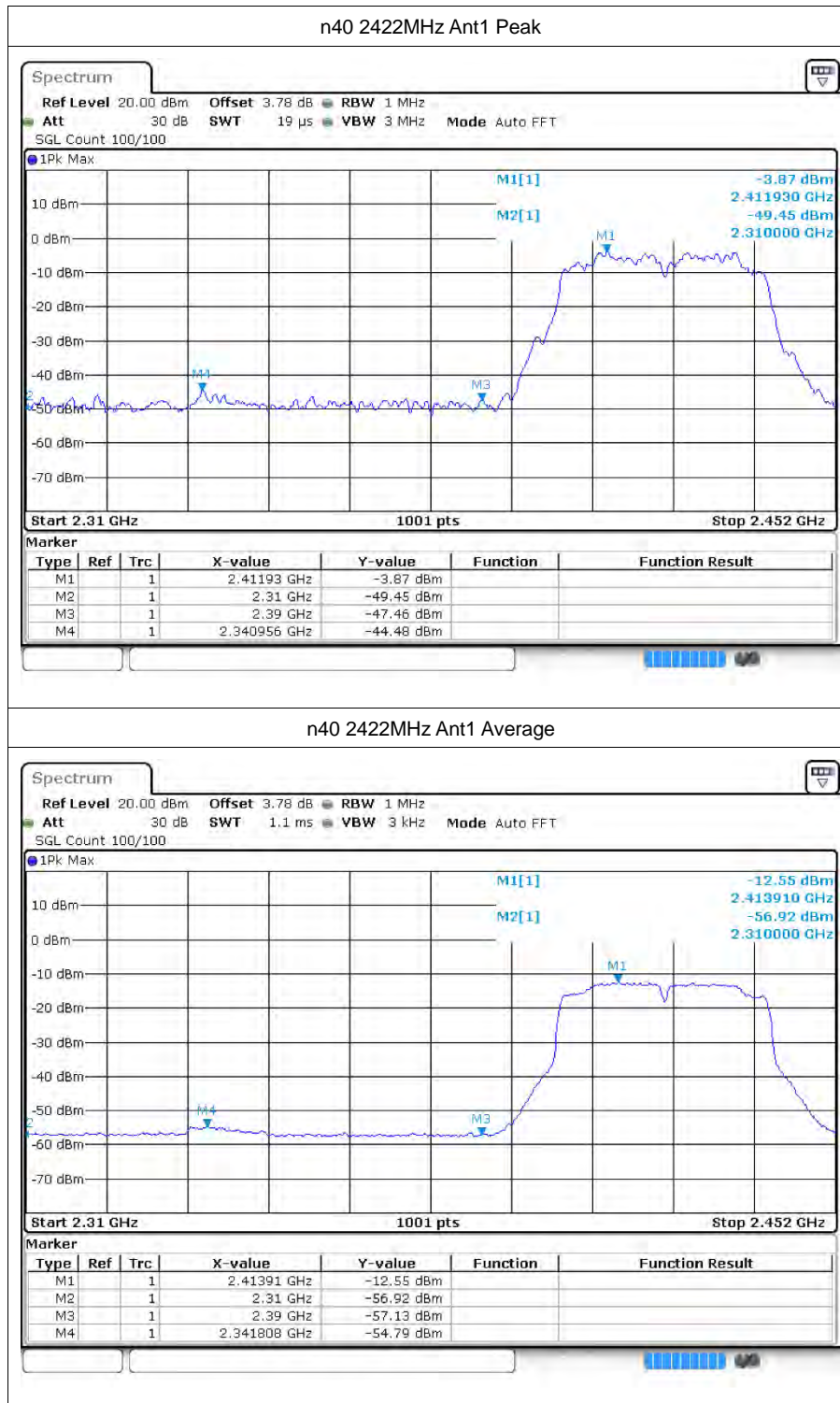


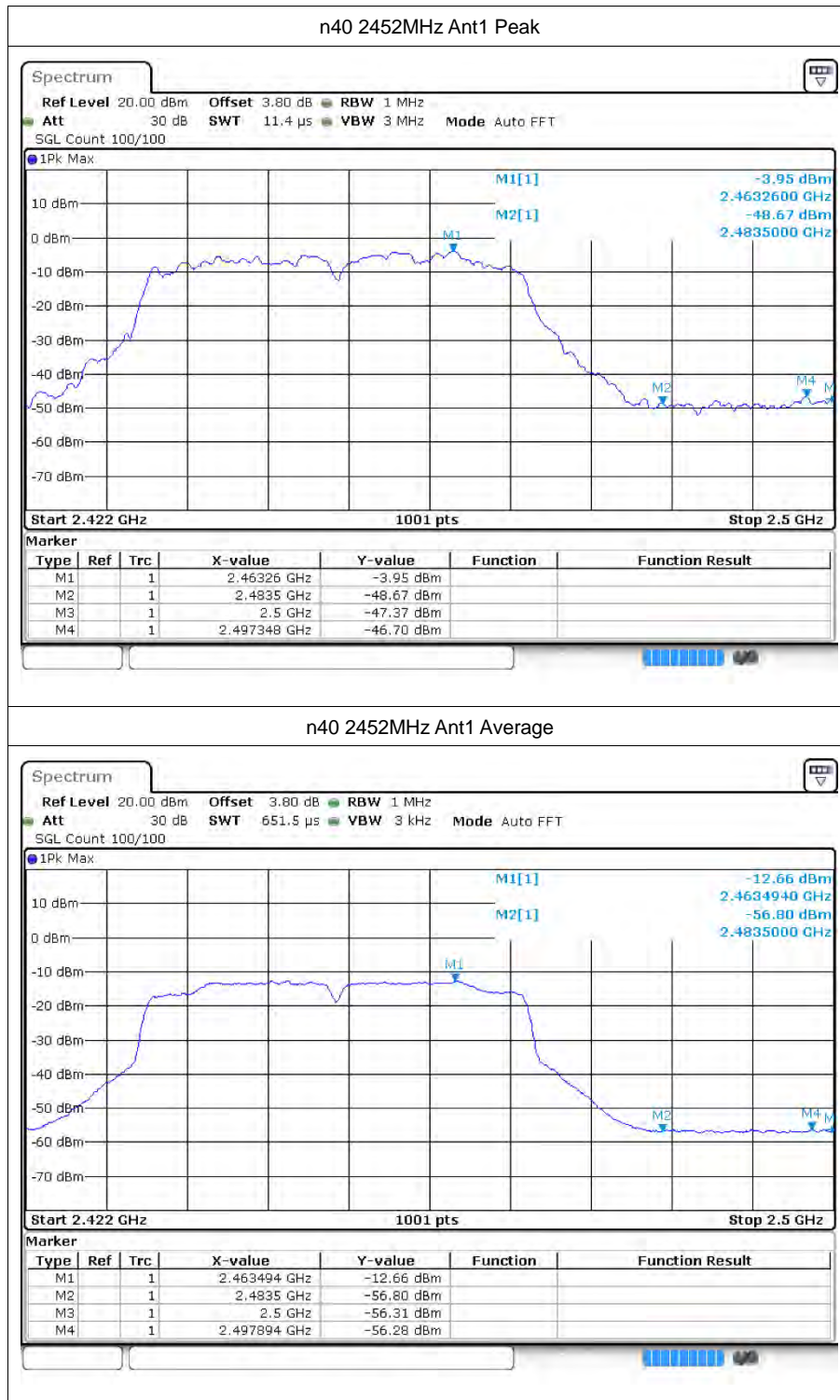




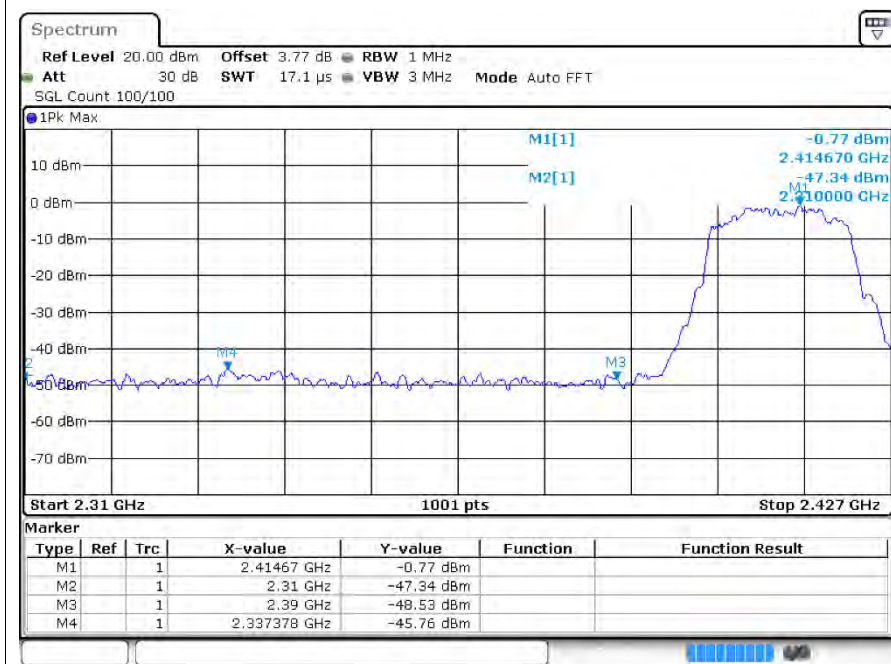




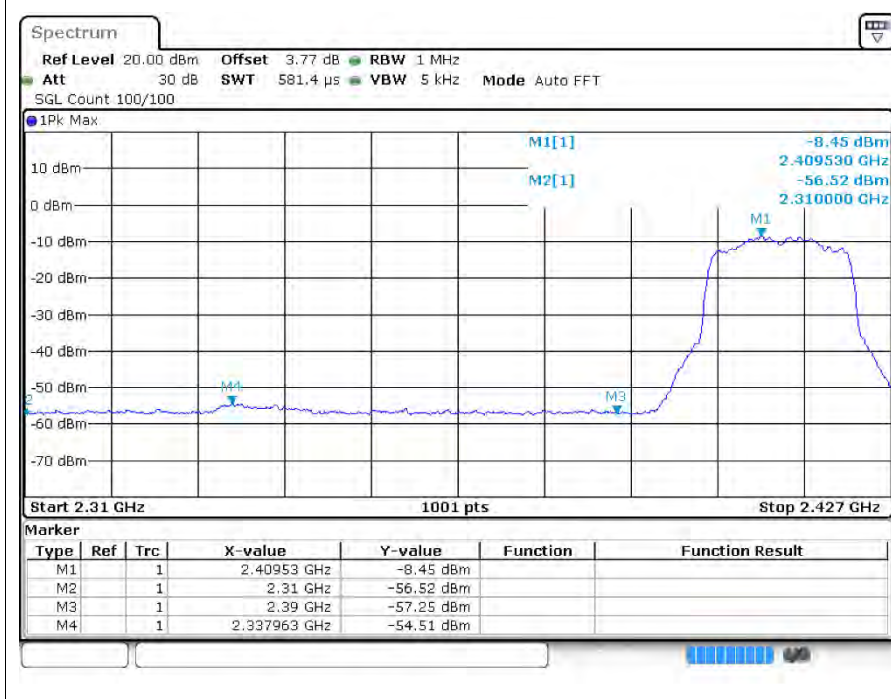




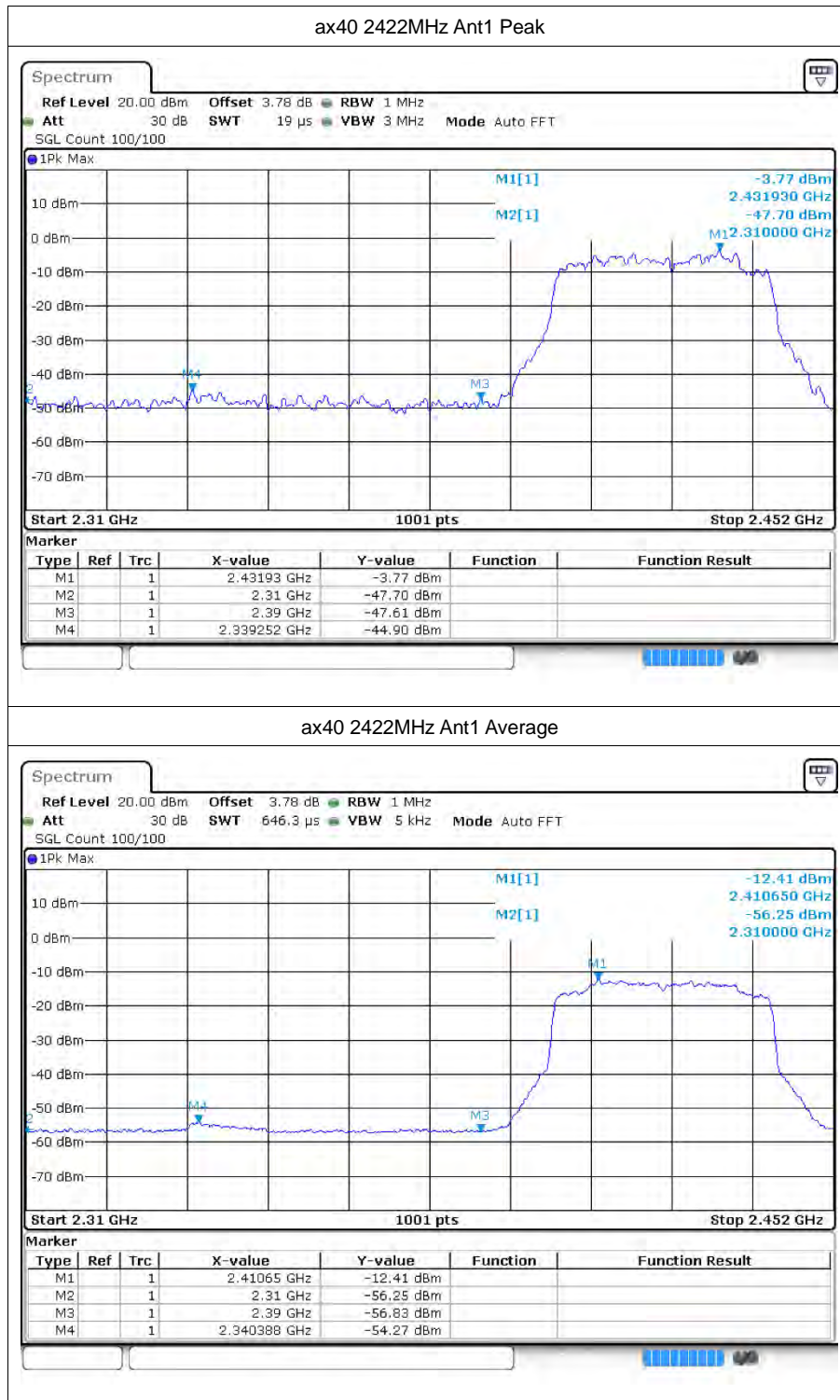
ax20 2412MHz Ant1 Peak

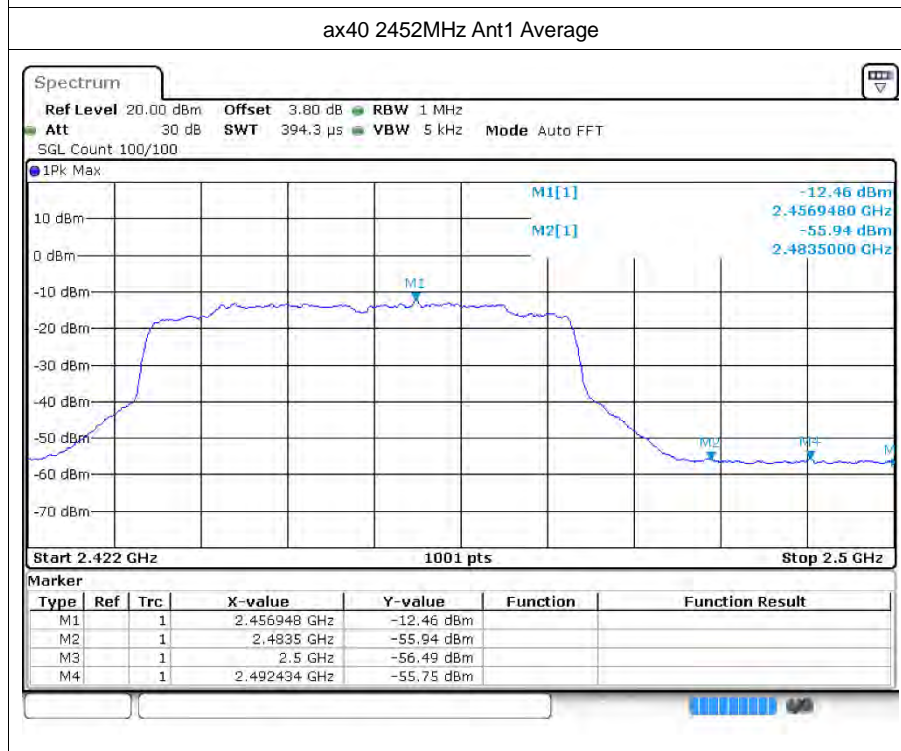
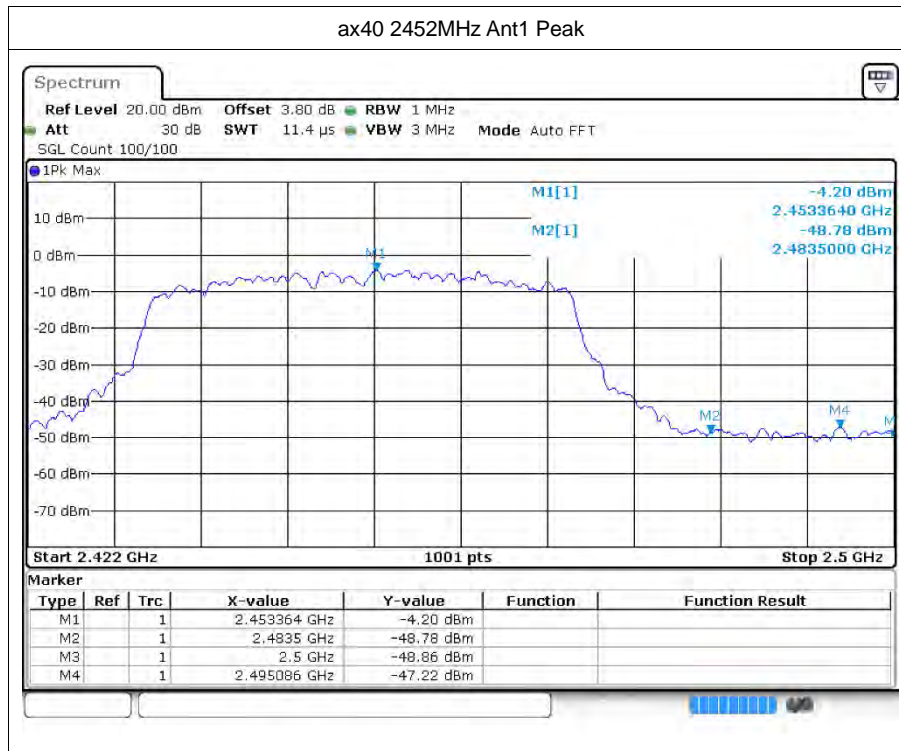


ax20 2412MHz Ant1 Average

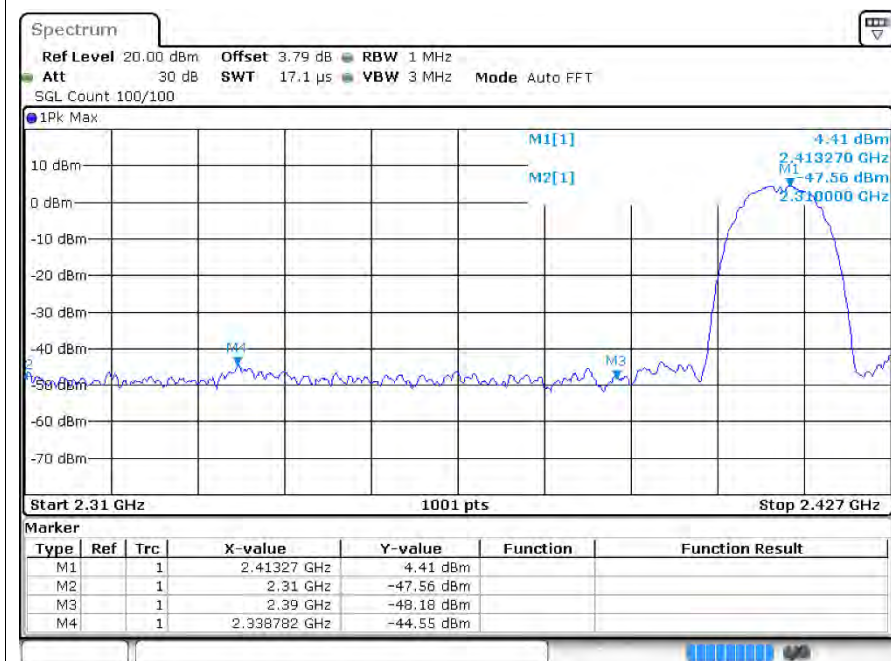




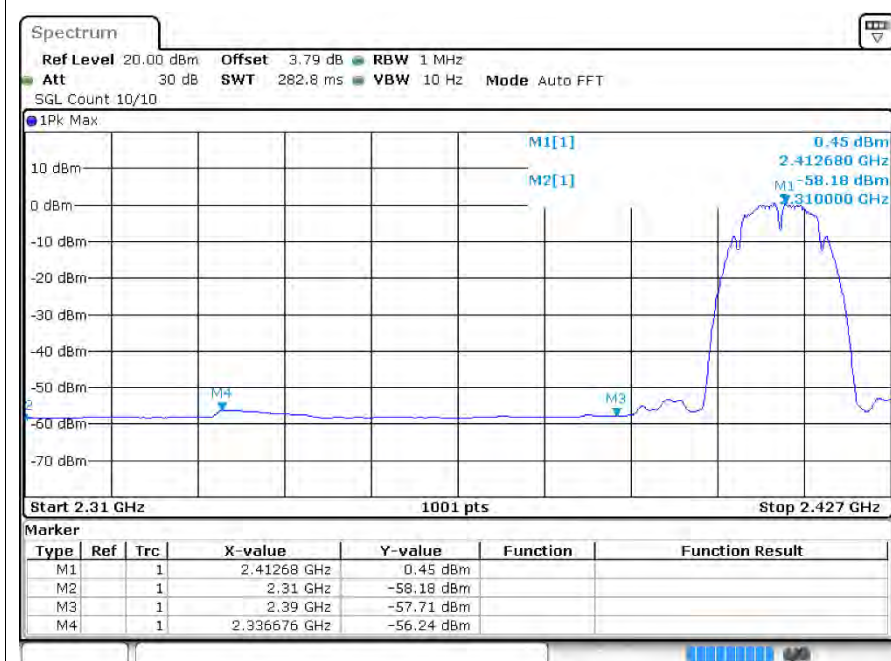


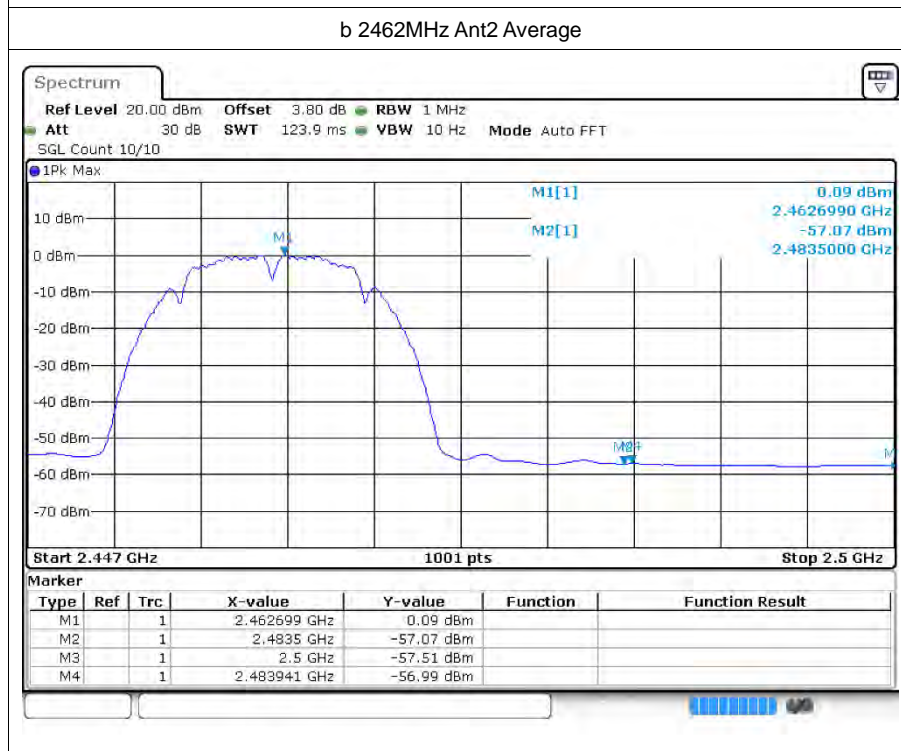
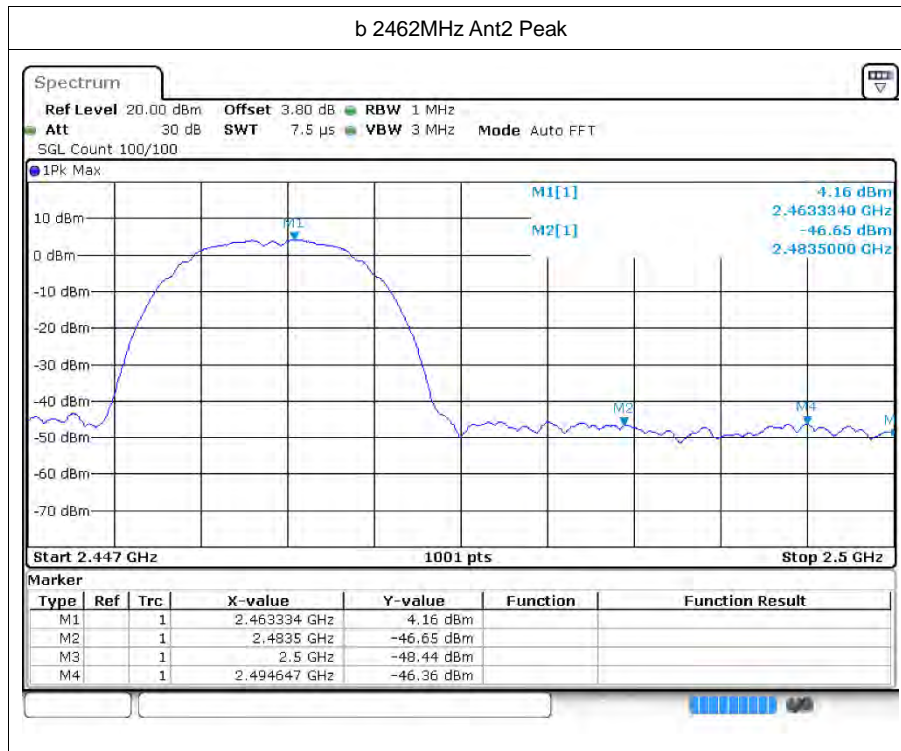


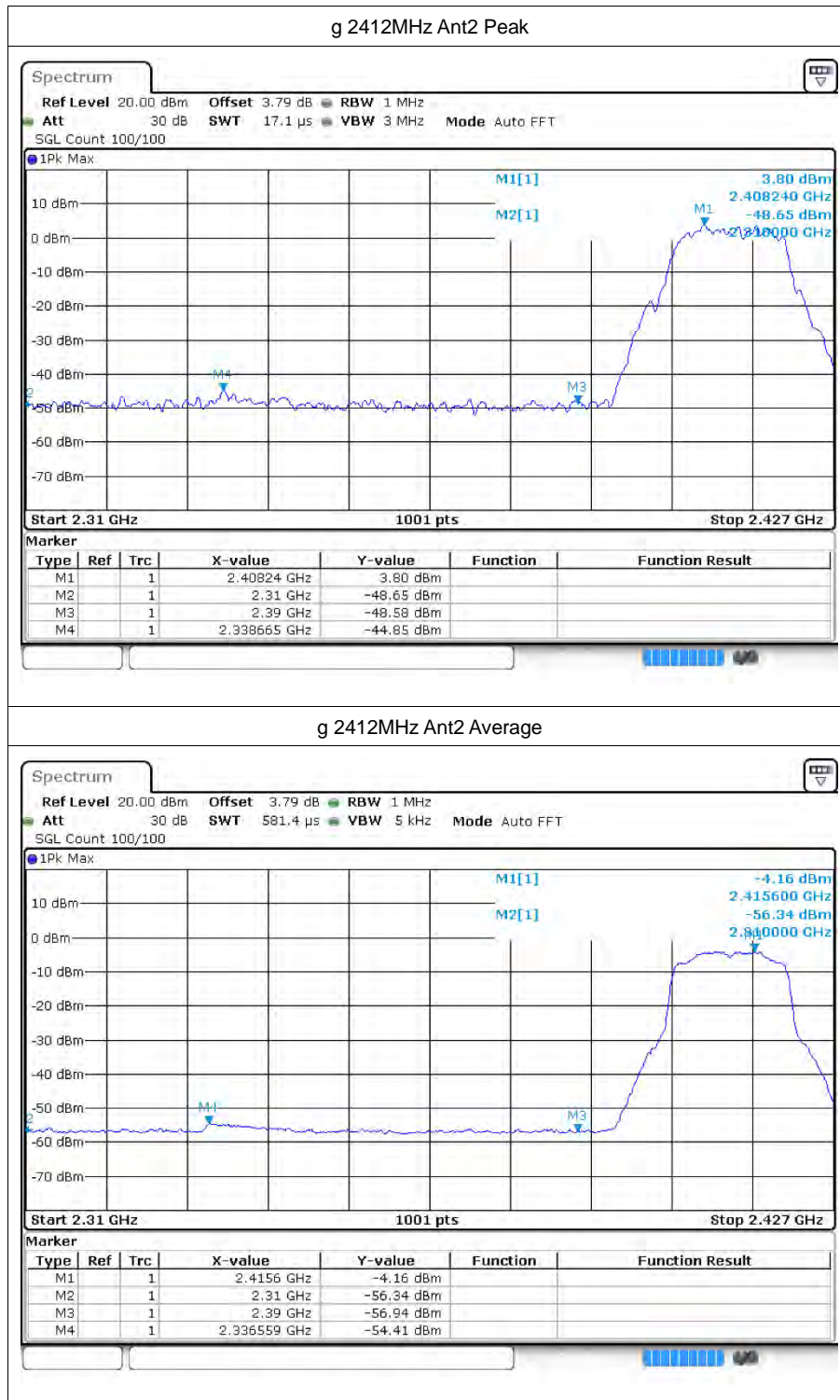
b 2412MHz Ant2 Peak



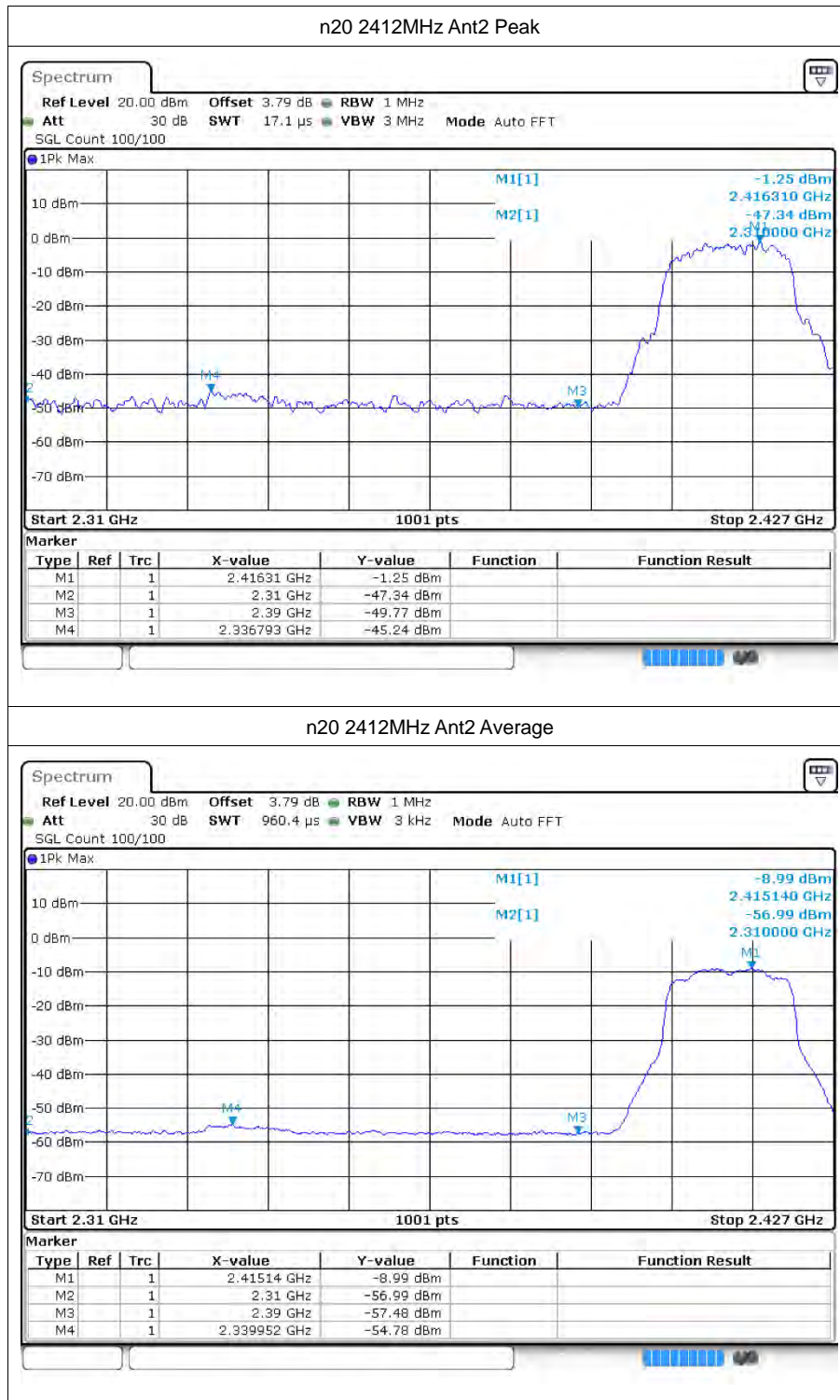
b 2412MHz Ant2 Average



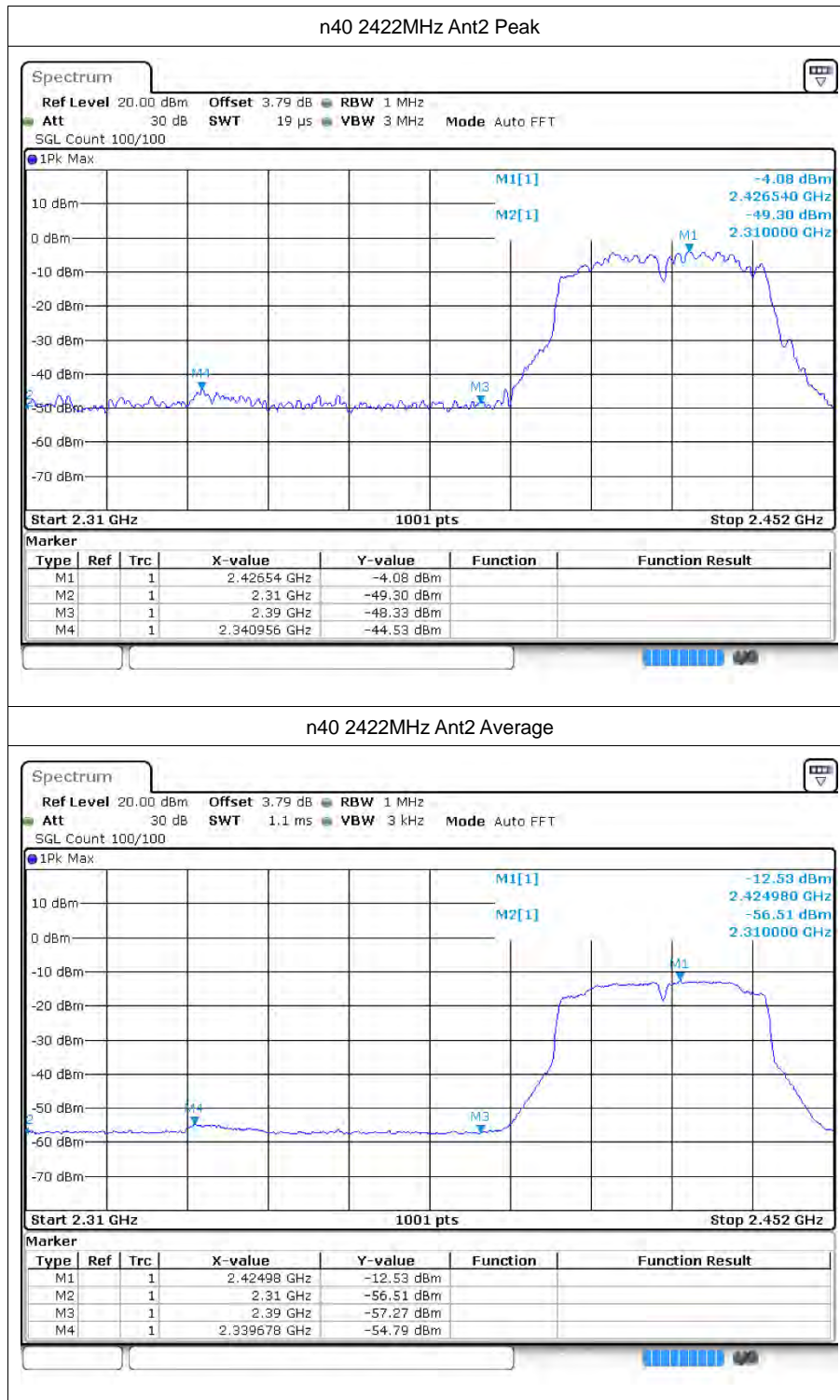


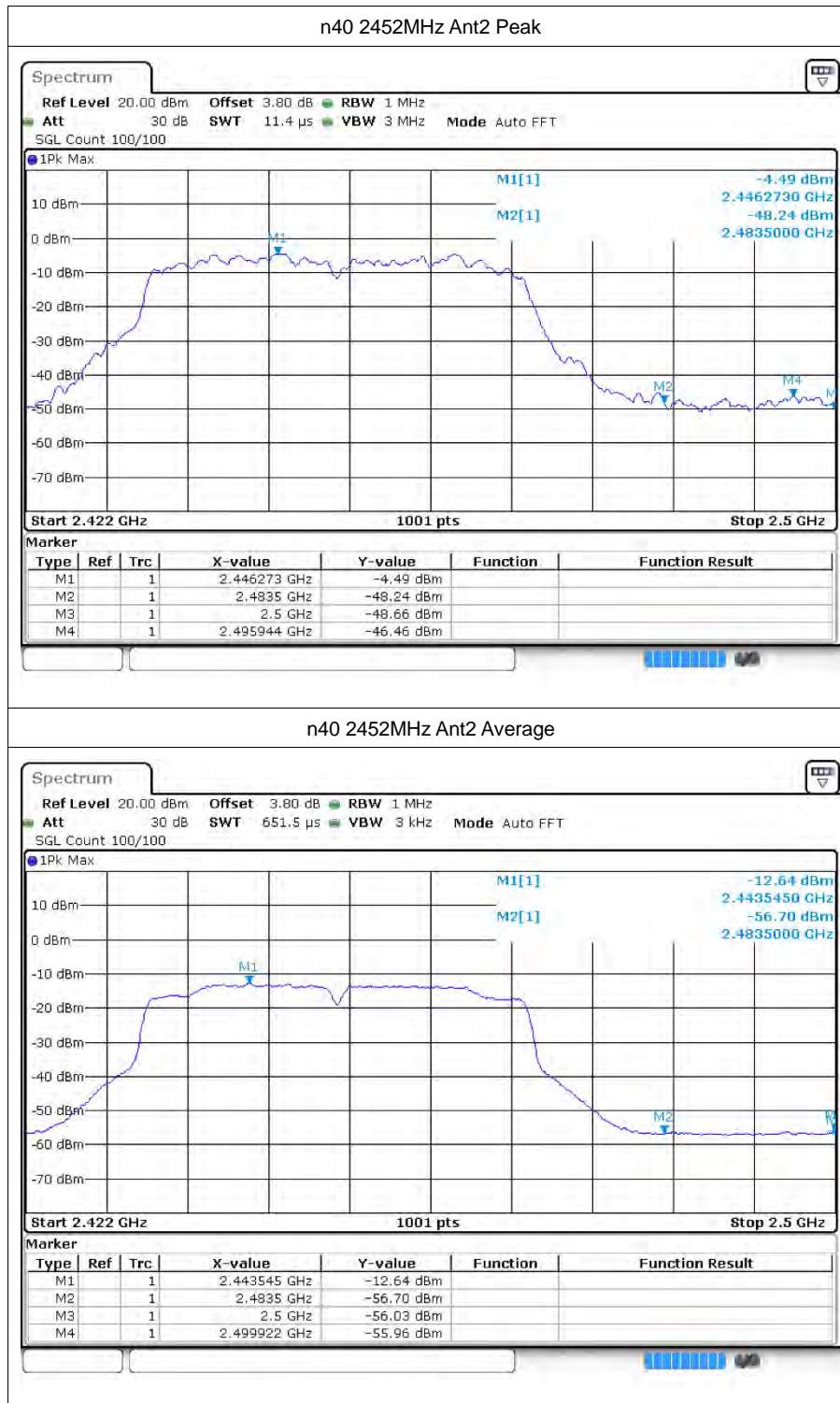




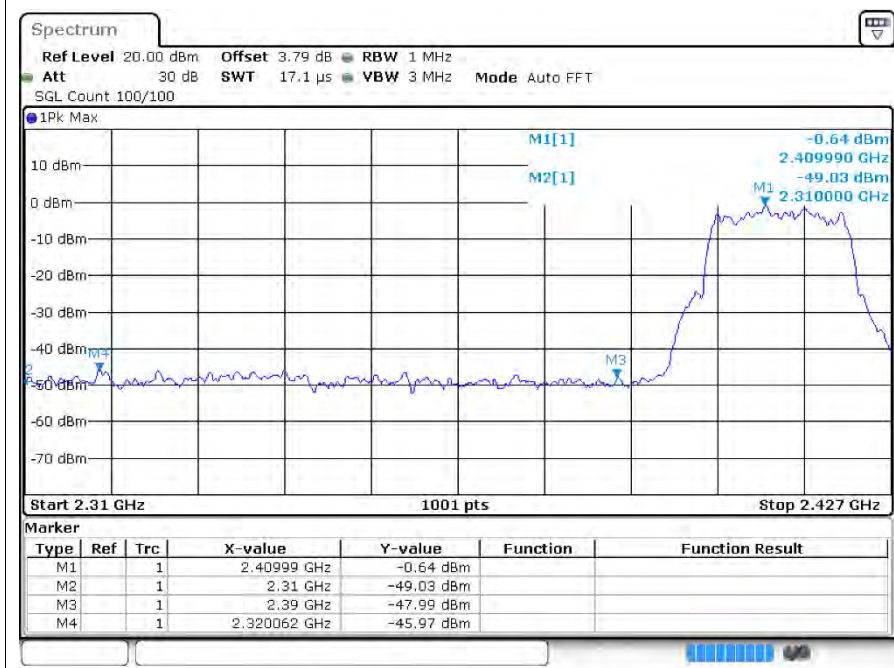




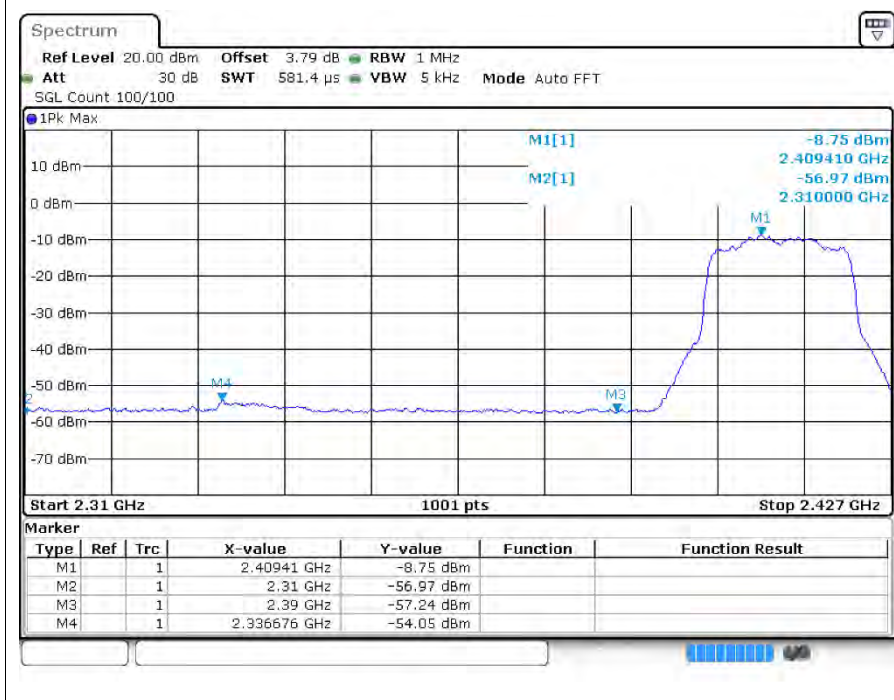




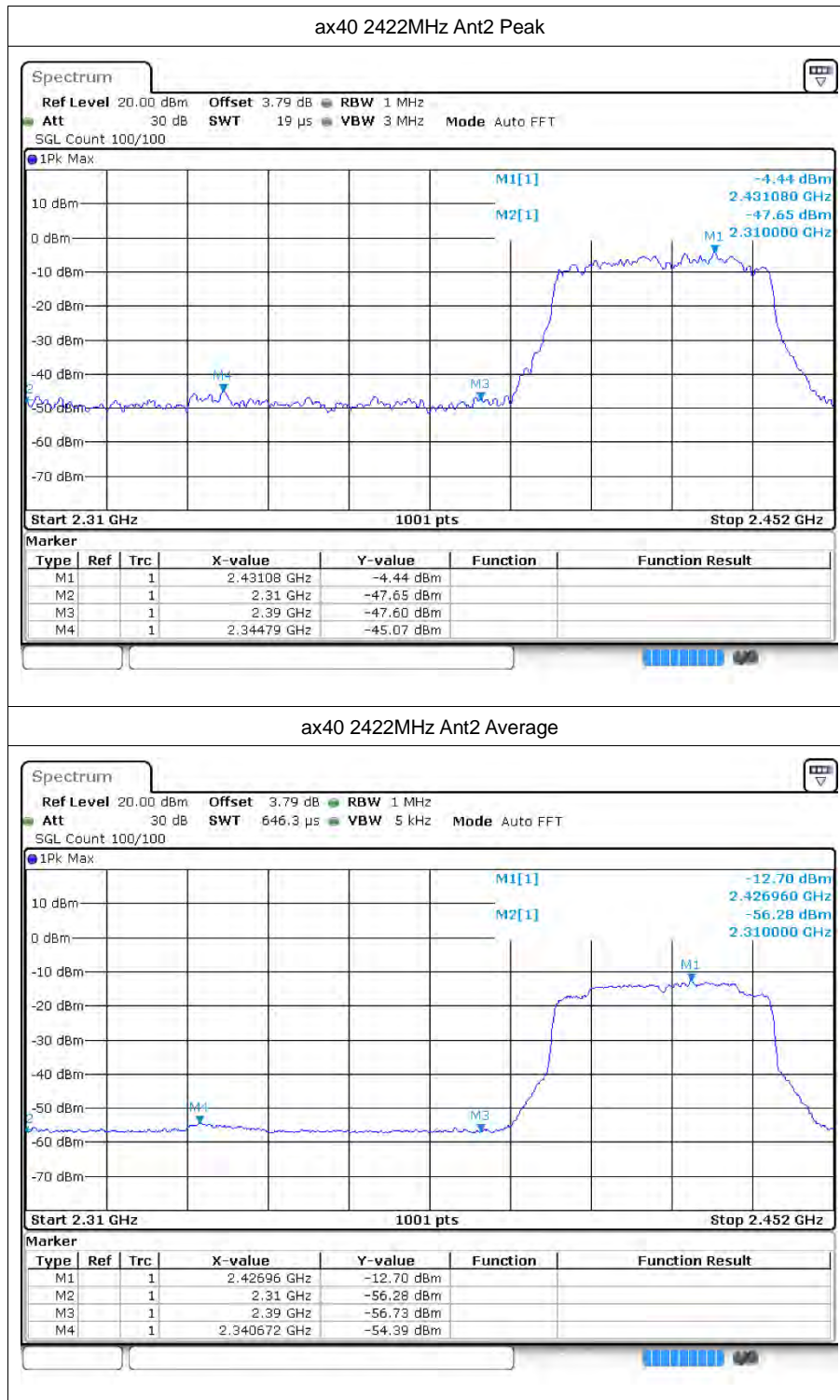
ax20 2412MHz Ant2 Peak



ax20 2412MHz Ant2 Average









---The End---