

Appendix Test Data

Report No:	1812C40102012503	Test Sample NO:	1-2-2
Start Test Date:	2024.11.1	Finish Test Date:	2024.11.1
Test Engineer:	Joker Huang	Auditor:	Justin Feng
Temperature:	23.9℃	Relative Humidity:	49%
Pressure:	101 kPa		

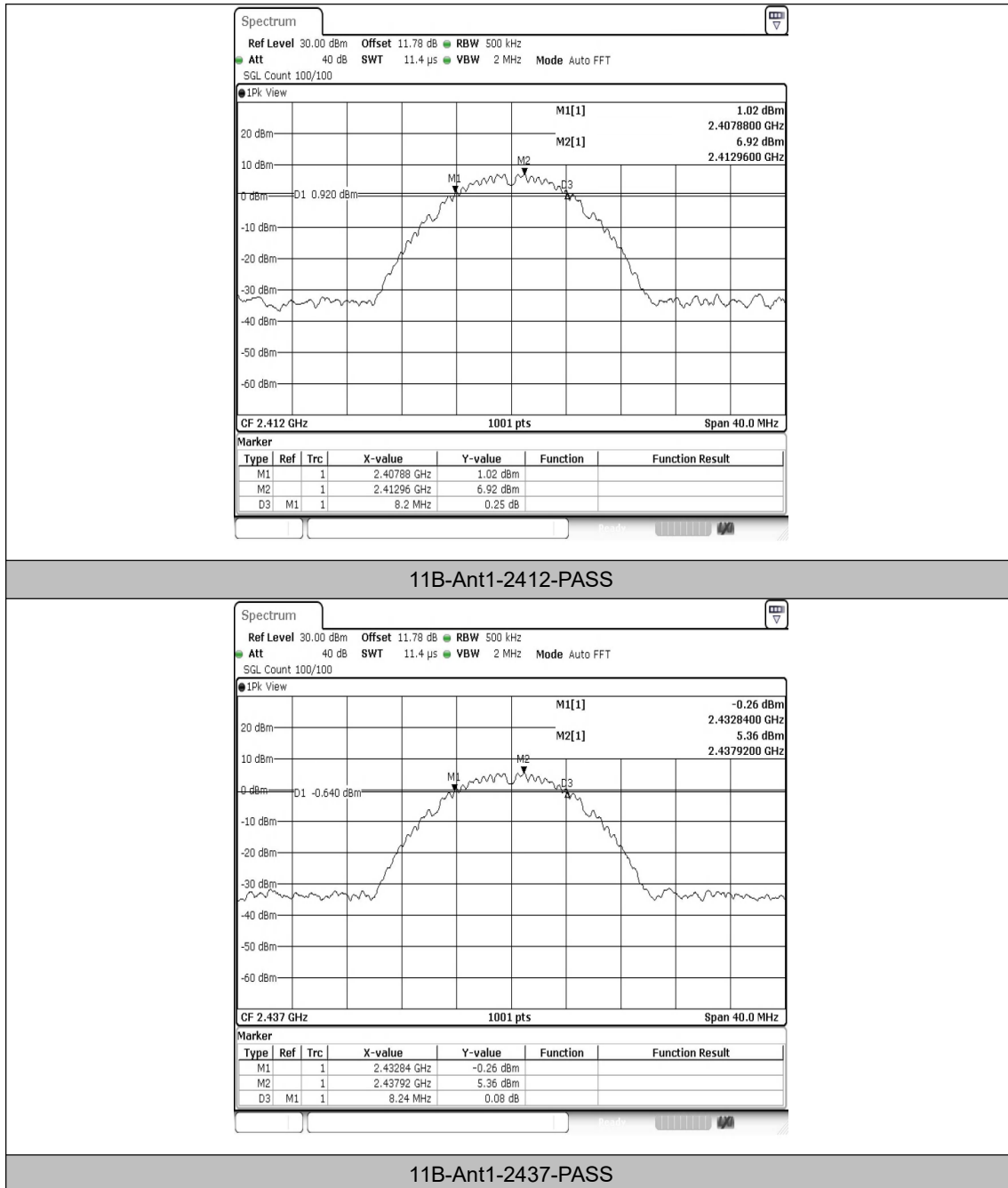
Appendix A: DTS Bandwidth

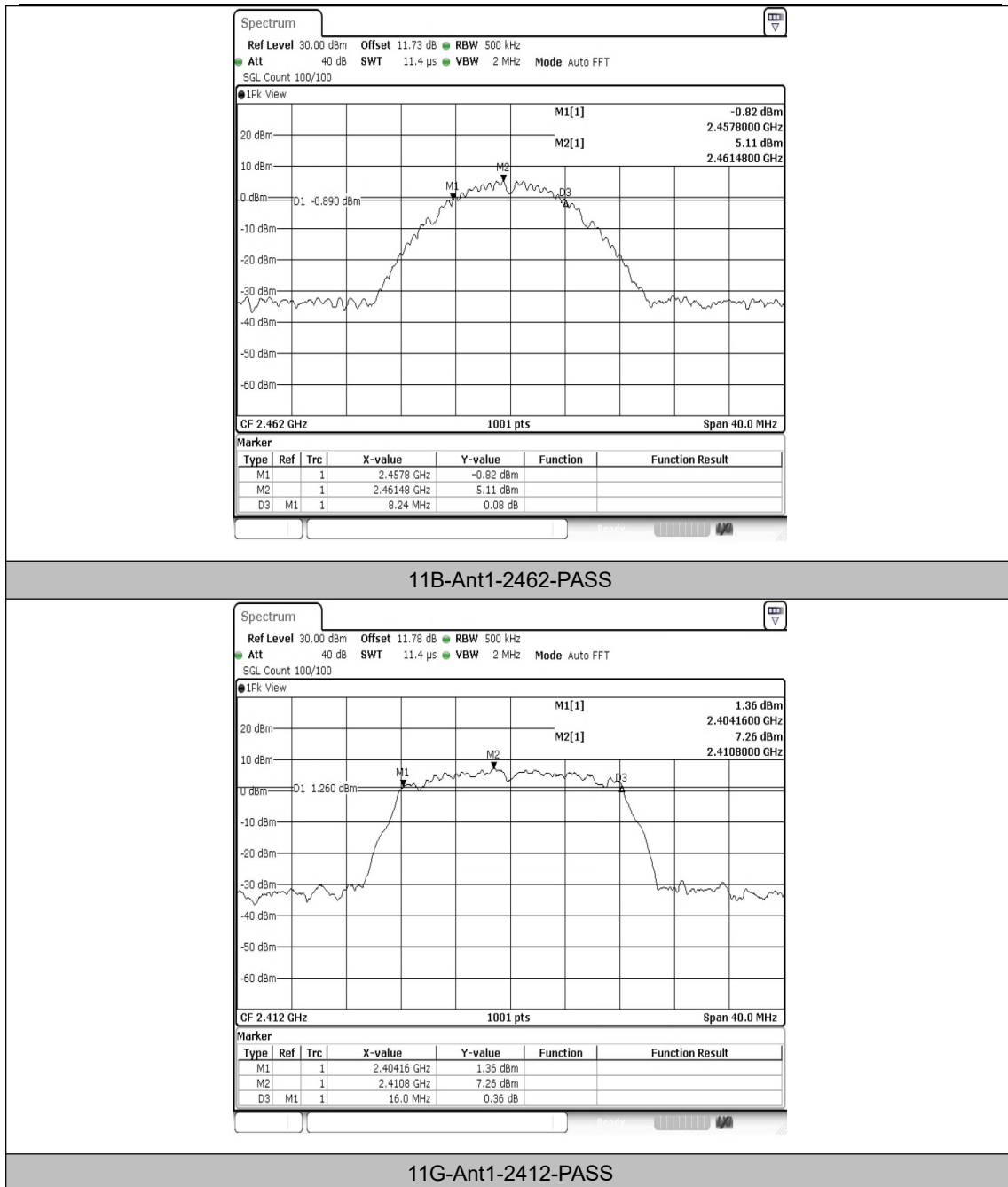
Test Result

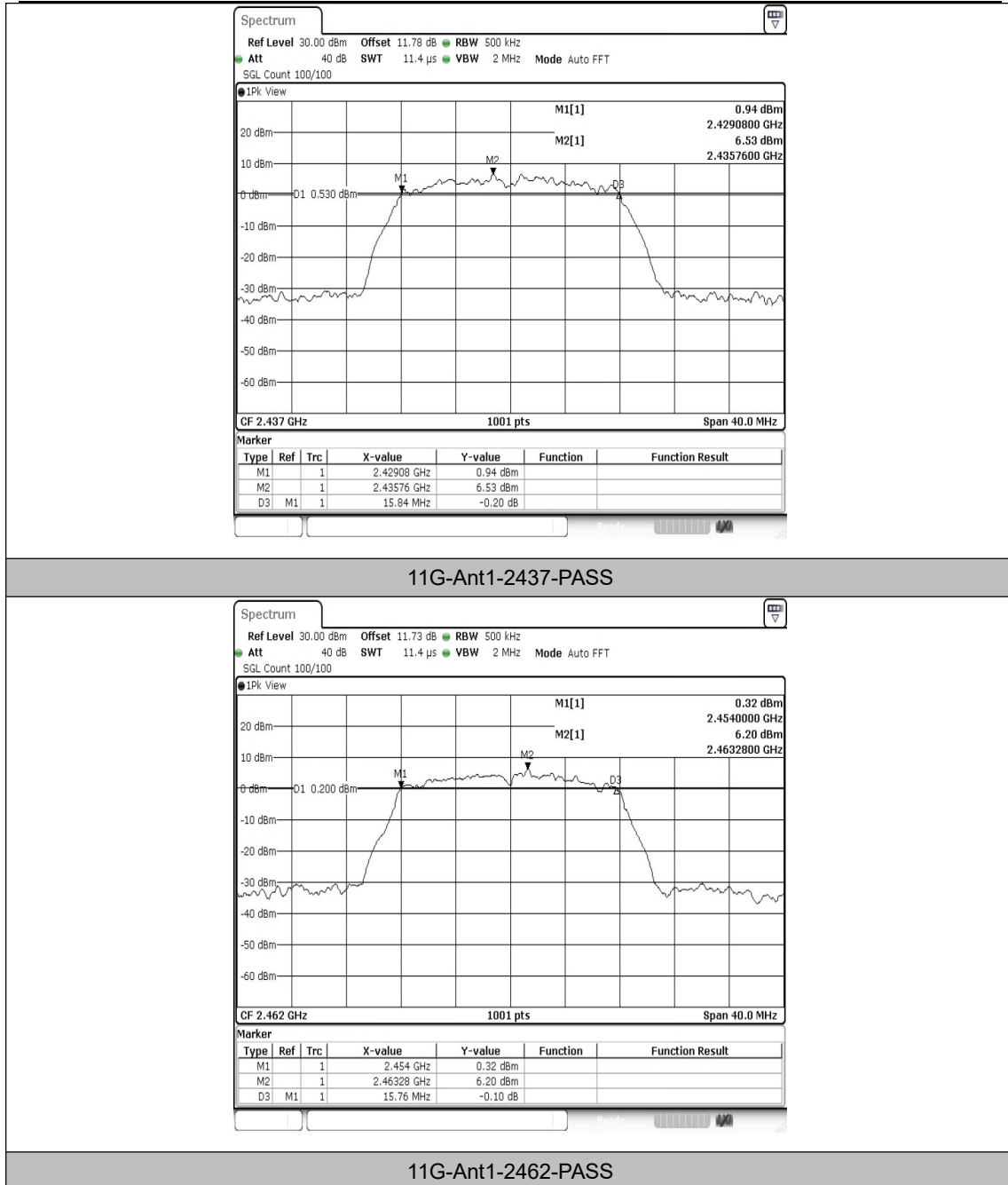
Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.20	2407.88	2416.08	0.5	PASS
11B	Ant1	2437	8.24	2432.84	2441.08	0.5	PASS
11B	Ant1	2462	8.24	2457.80	2466.04	0.5	PASS
11G	Ant1	2412	16.00	2404.16	2420.16	0.5	PASS
11G	Ant1	2437	15.84	2429.08	2444.92	0.5	PASS
11G	Ant1	2462	15.76	2454.00	2469.76	0.5	PASS
11N20SISO	Ant1	2412	16.36	2404.40	2420.76	0.5	PASS
11N20SISO	Ant1	2437	17.44	2428.16	2445.60	0.5	PASS
11N20SISO	Ant1	2462	17.28	2453.32	2470.60	0.5	PASS
11N40SISO	Ant1	2422	31.92	2406.56	2438.48	0.5	PASS
11N40SISO	Ant1	2437	35.84	2419.00	2454.84	0.5	PASS
11N40SISO	Ant1	2452	32.08	2434.16	2466.24	0.5	PASS
11AX20SISO	Ant1	2412	18.40	2402.96	2421.36	0.5	PASS
11AX20SISO	Ant1	2437	18.60	2427.68	2446.28	0.5	PASS
11AX20SISO	Ant1	2462	18.48	2452.60	2471.08	0.5	PASS
11AX40SISO	Ant1	2422	37.20	2403.20	2440.40	0.5	PASS
11AX40SISO	Ant1	2437	35.20	2418.76	2453.96	0.5	PASS
11AX40SISO	Ant1	2452	37.52	2432.96	2470.48	0.5	PASS

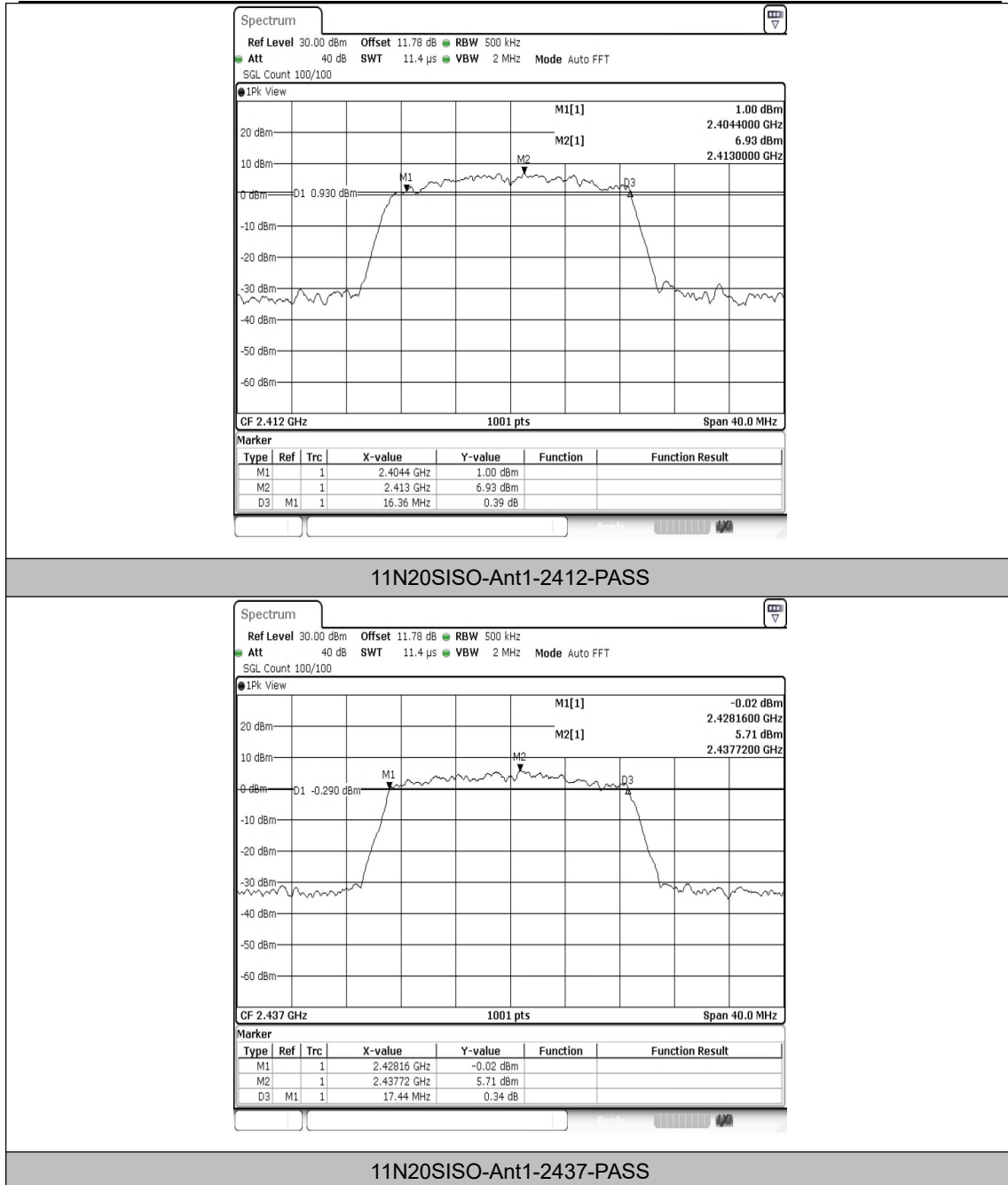


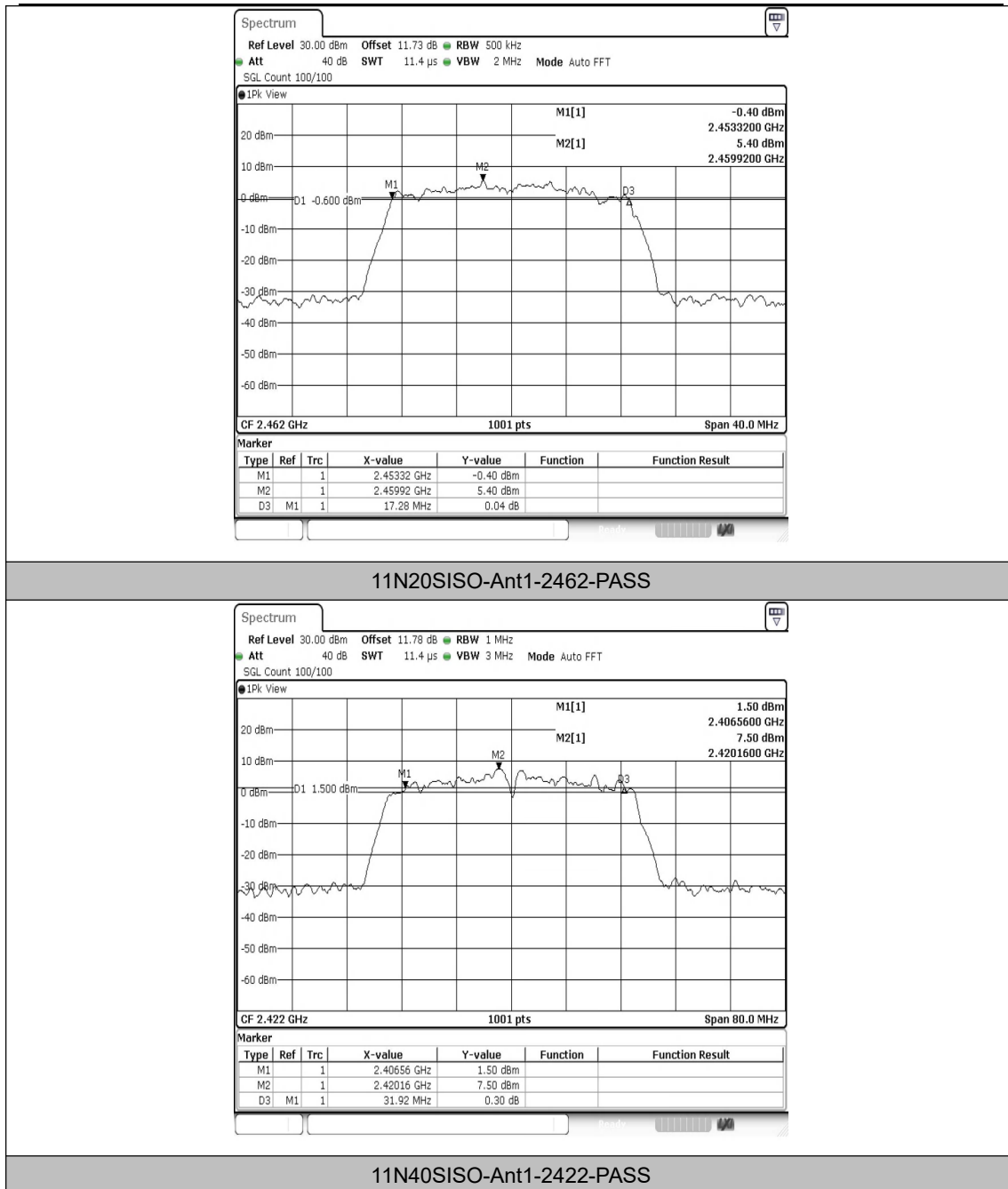
Test Graphs

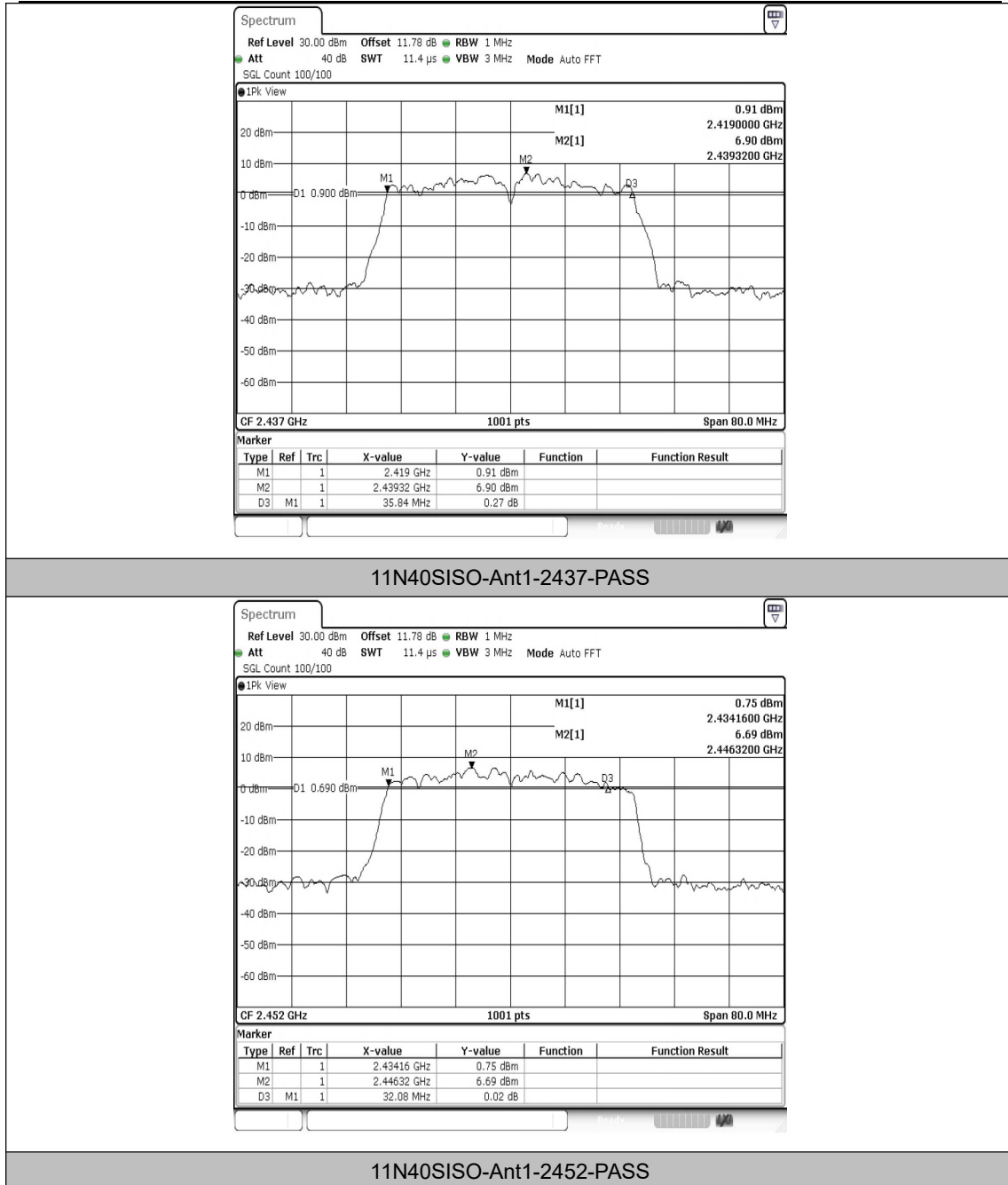


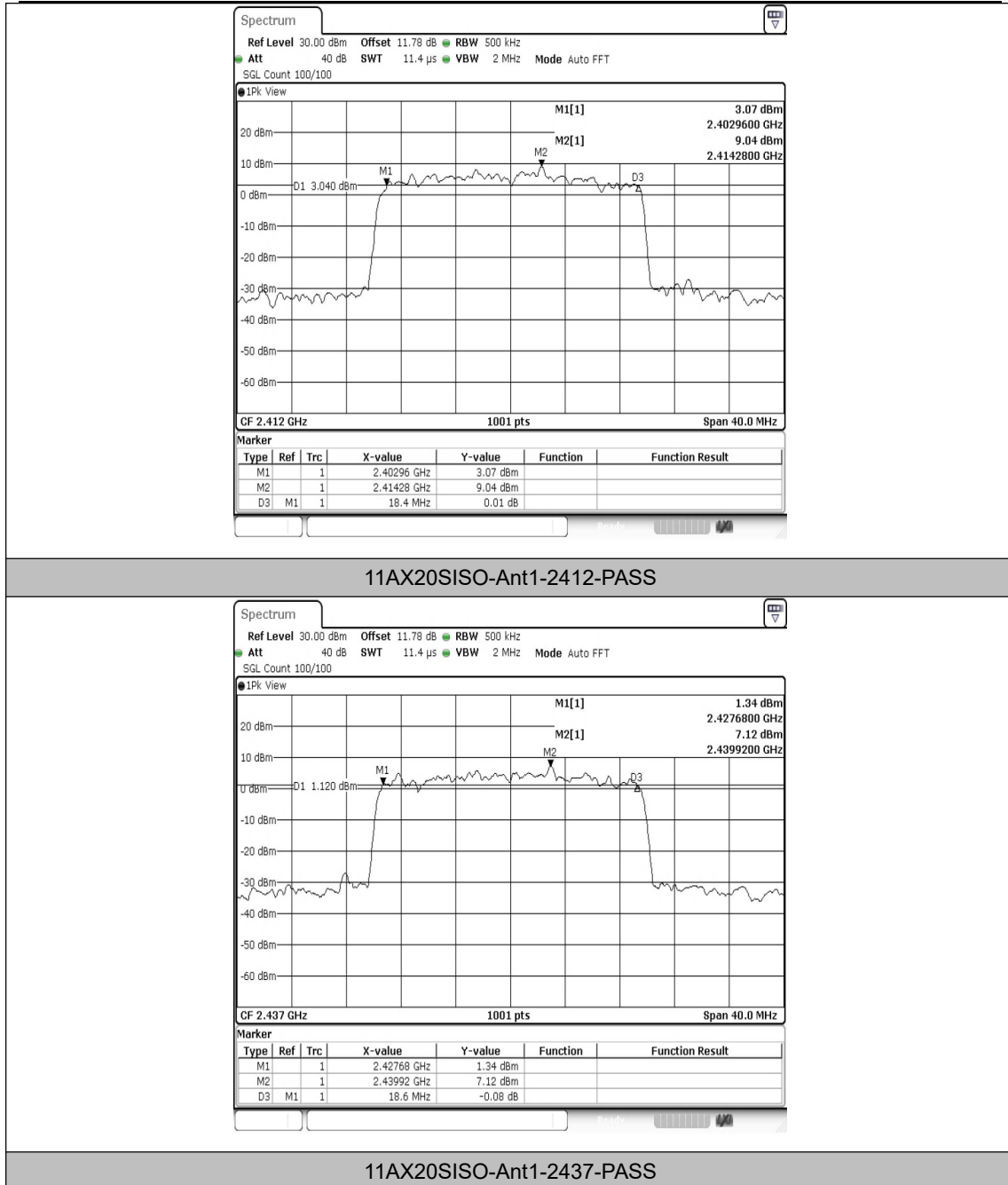


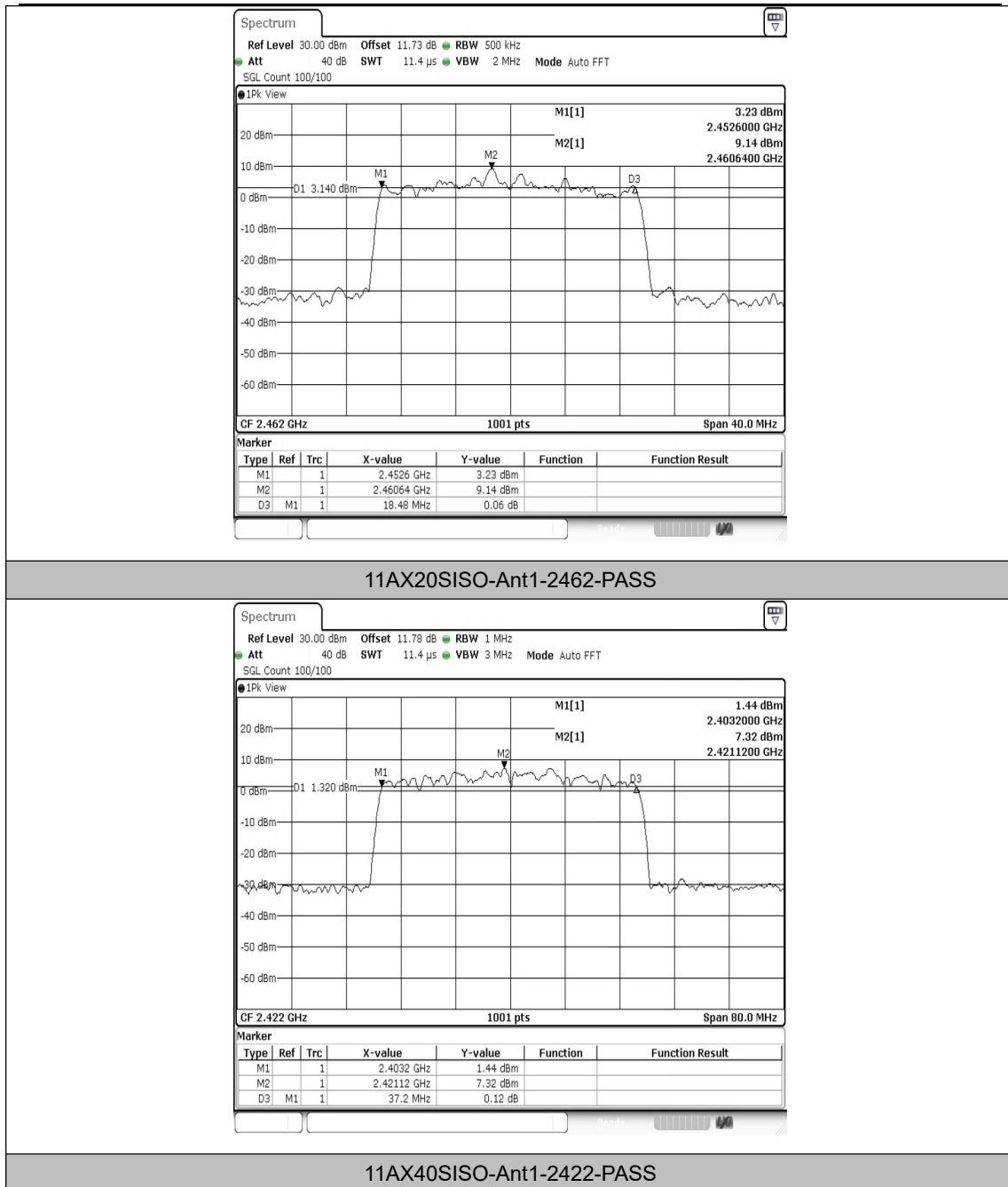


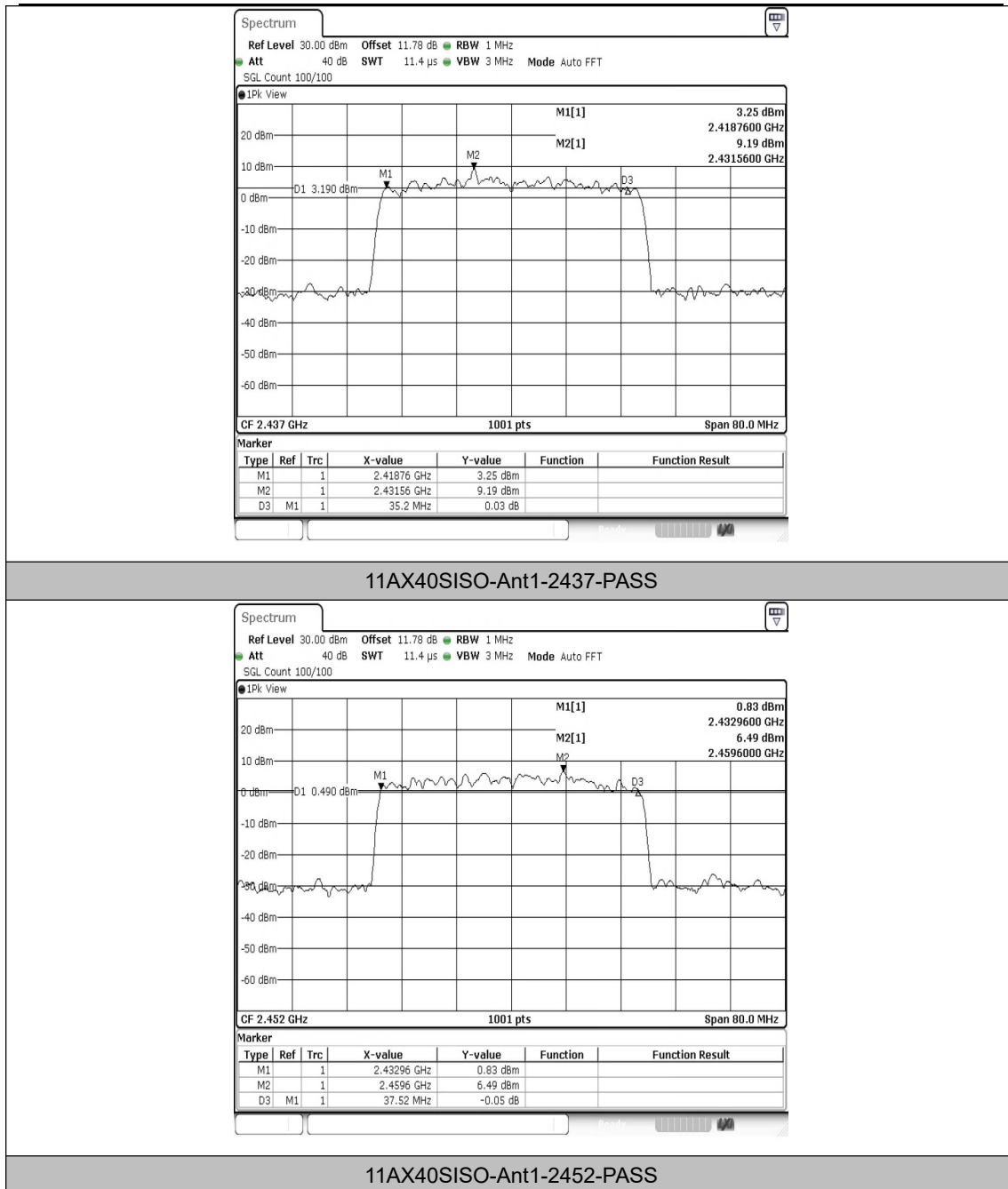












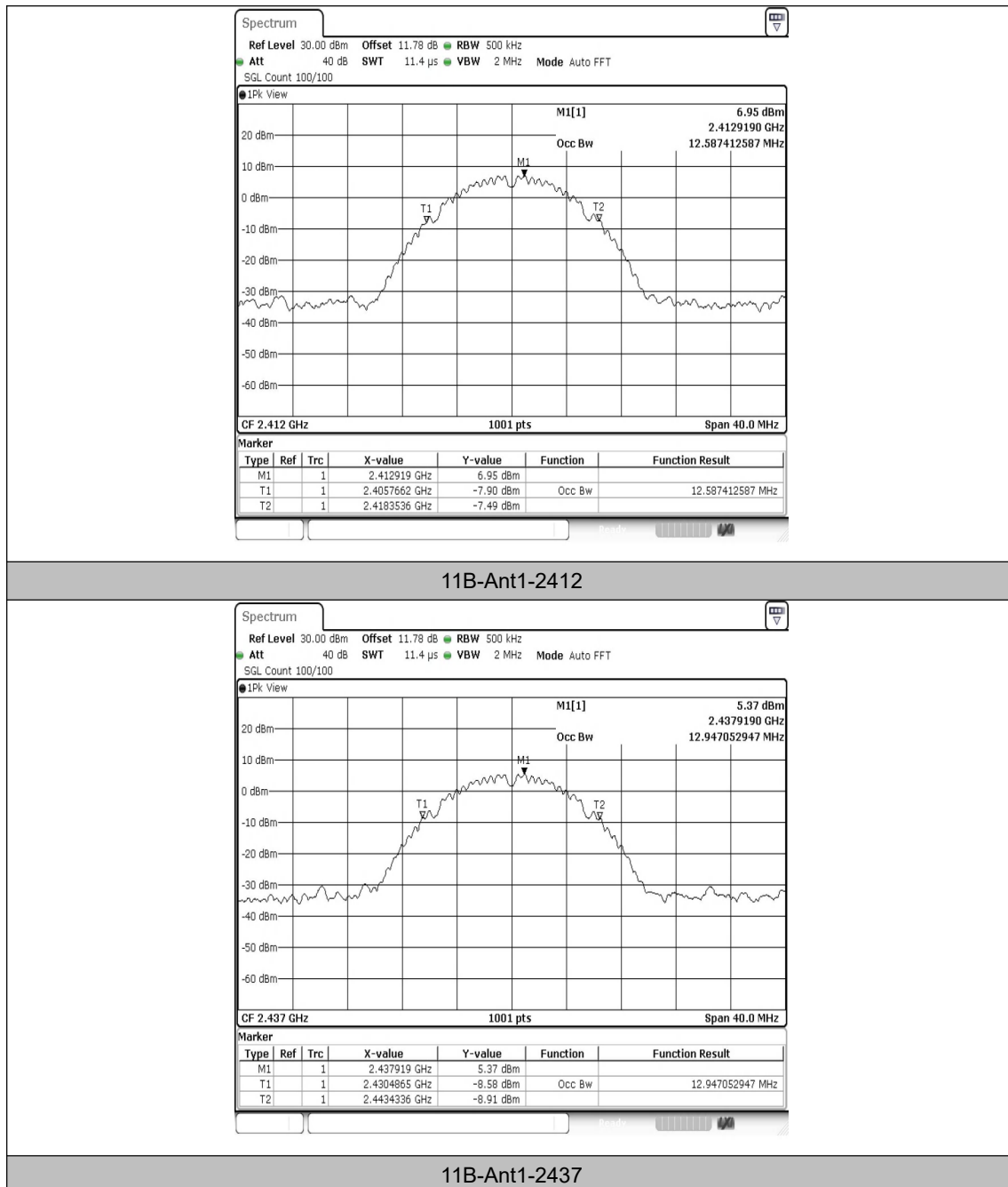
Appendix B: Occupied Channel Bandwidth

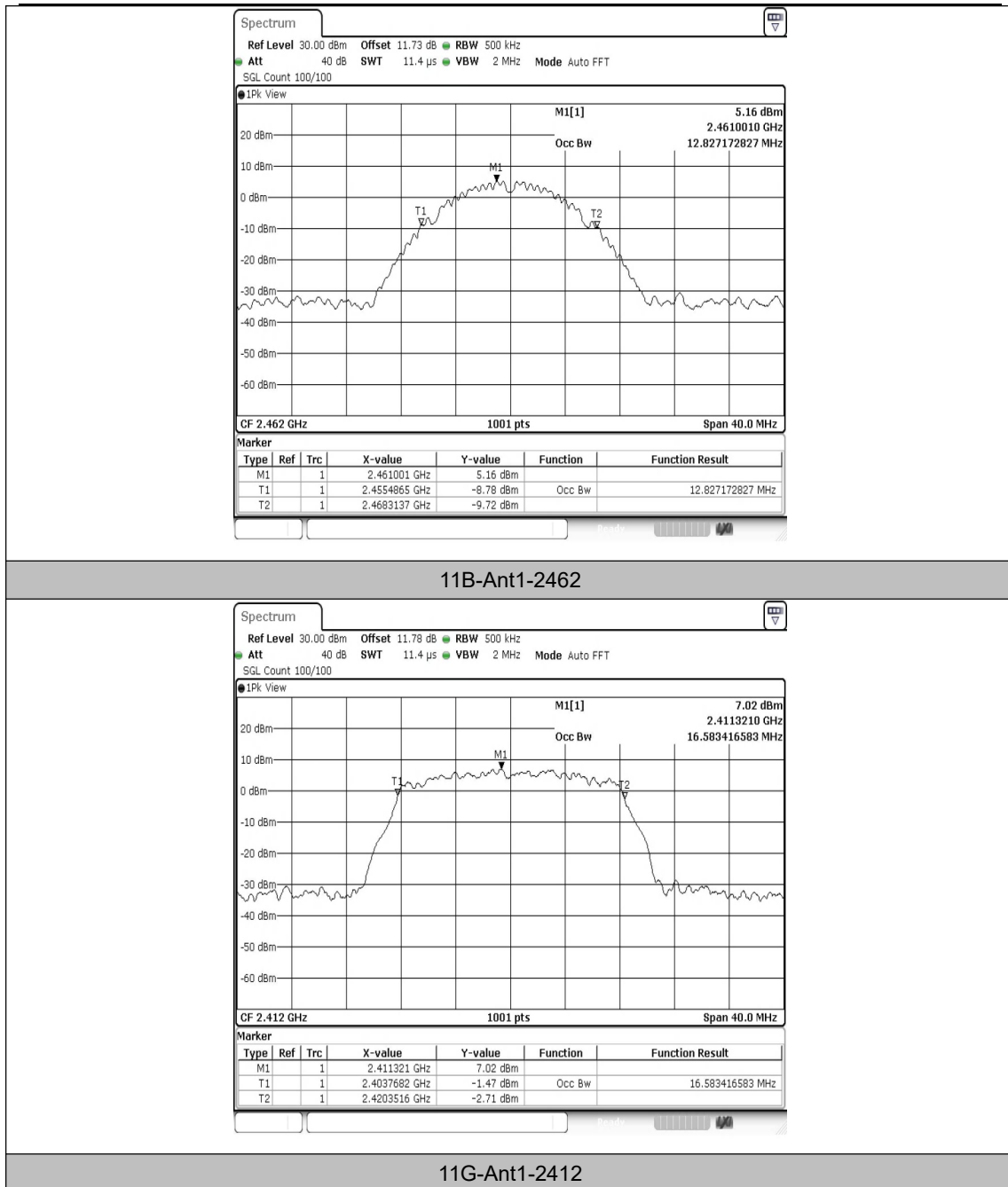
Test Result

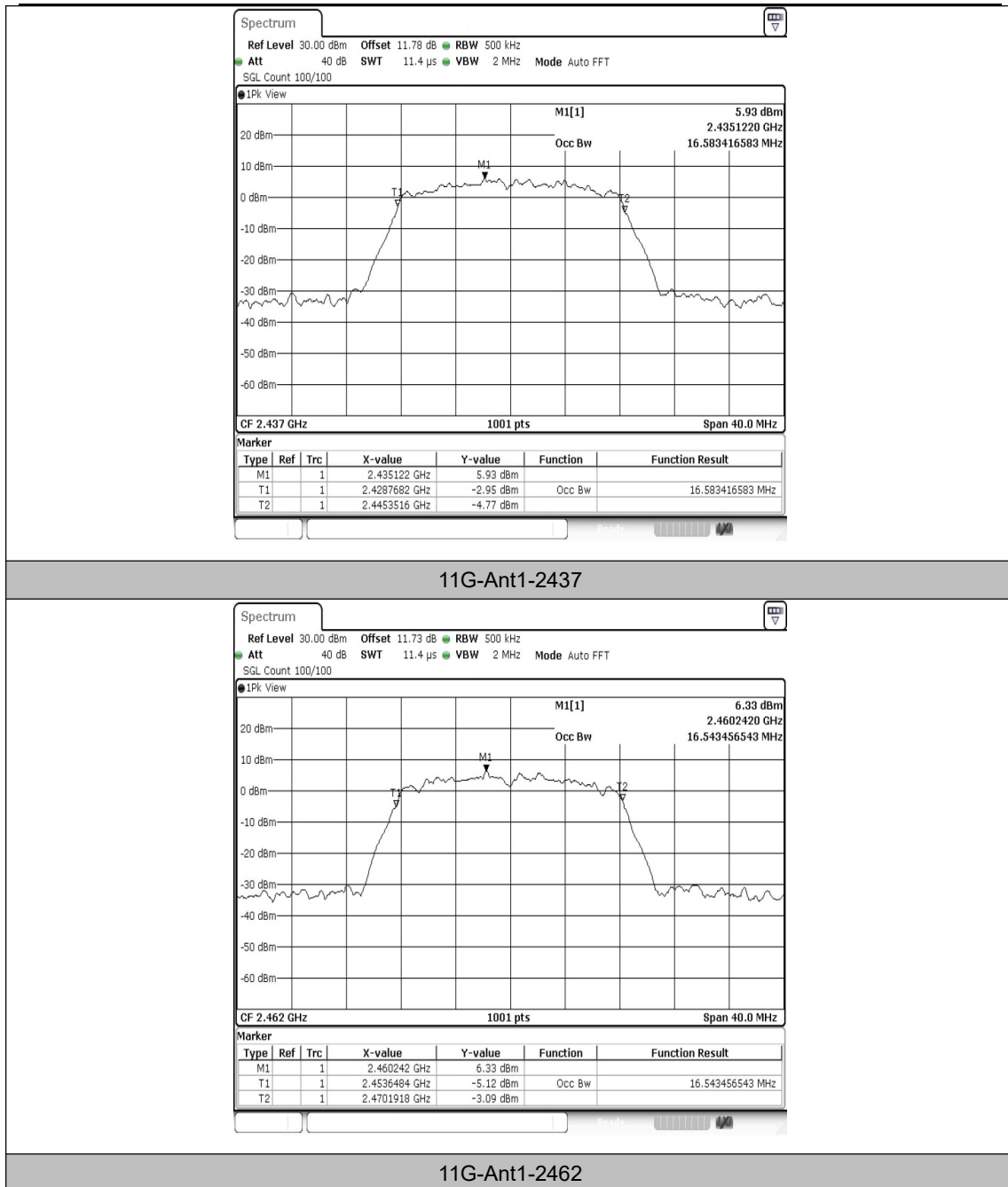
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.587	2405.7662	2418.3536	---	---
11B	Ant1	2437	12.947	2430.4865	2443.4336	---	---
11B	Ant1	2462	12.827	2455.4865	2468.3137	---	---
11G	Ant1	2412	16.583	2403.7682	2420.3516	---	---
11G	Ant1	2437	16.583	2428.7682	2445.3516	---	---
11G	Ant1	2462	16.543	2453.6484	2470.1918	---	---
11N20SISO	Ant1	2412	17.582	2403.2088	2420.7912	---	---
11N20SISO	Ant1	2437	17.822	2427.9690	2445.7912	---	---
11N20SISO	Ant1	2462	17.702	2453.1289	2470.8312	---	---
11N40SISO	Ant1	2422	35.964	2404.0180	2439.9820	---	---
11N40SISO	Ant1	2437	36.204	2418.8581	2455.0619	---	---
11N40SISO	Ant1	2452	36.124	2433.8581	2469.9820	---	---
11AX20SISO	Ant1	2412	18.821	2402.5295	2421.3506	---	---
11AX20SISO	Ant1	2437	18.941	2427.5295	2446.4705	---	---
11AX20SISO	Ant1	2462	18.781	2452.5694	2471.3506	---	---
11AX40SISO	Ant1	2422	37.882	2402.9790	2440.8611	---	---
11AX40SISO	Ant1	2437	37.722	2418.0589	2455.7812	---	---
11AX40SISO	Ant1	2452	37.642	2432.9790	2470.6214	---	---

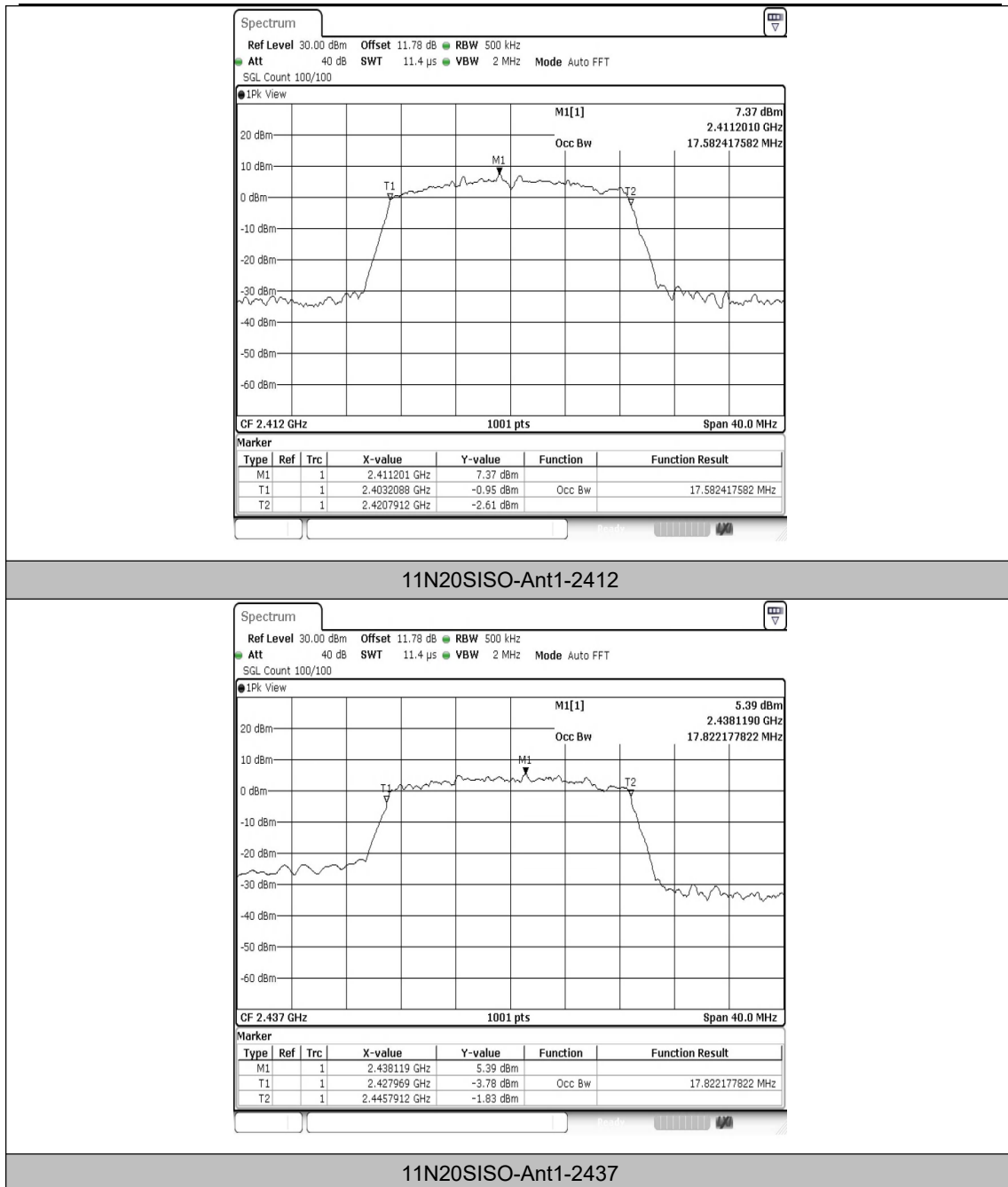


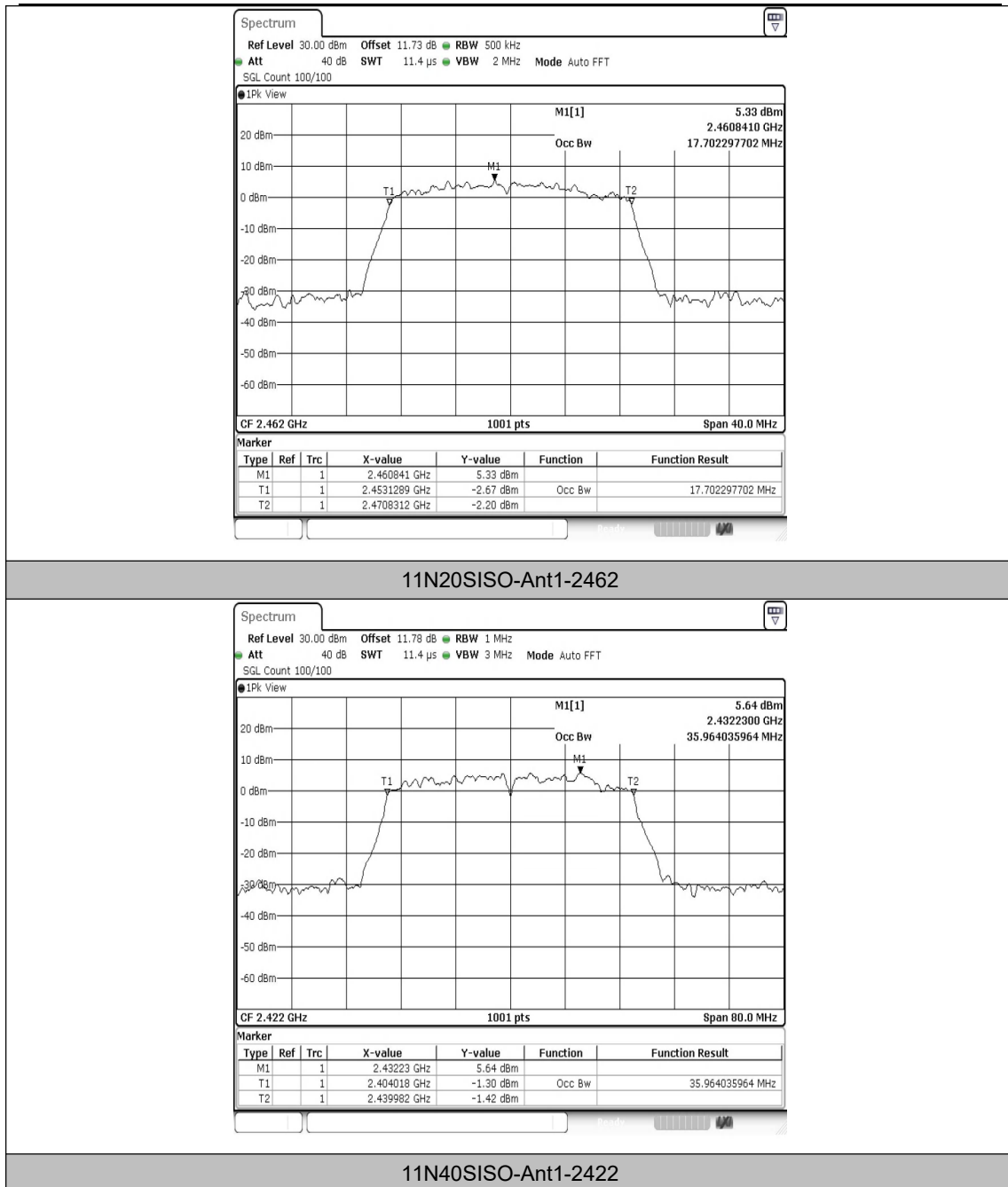
Test Graphs

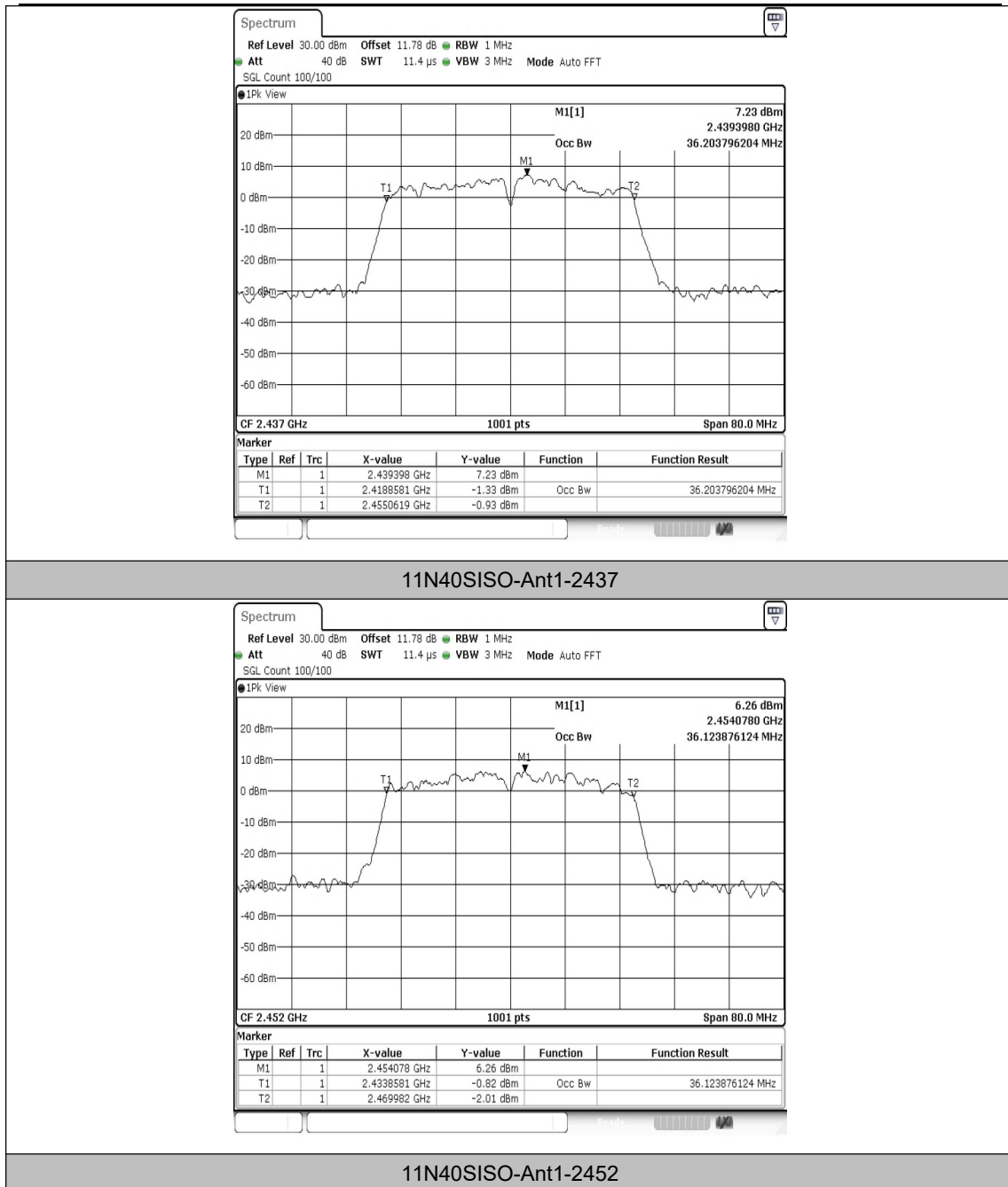


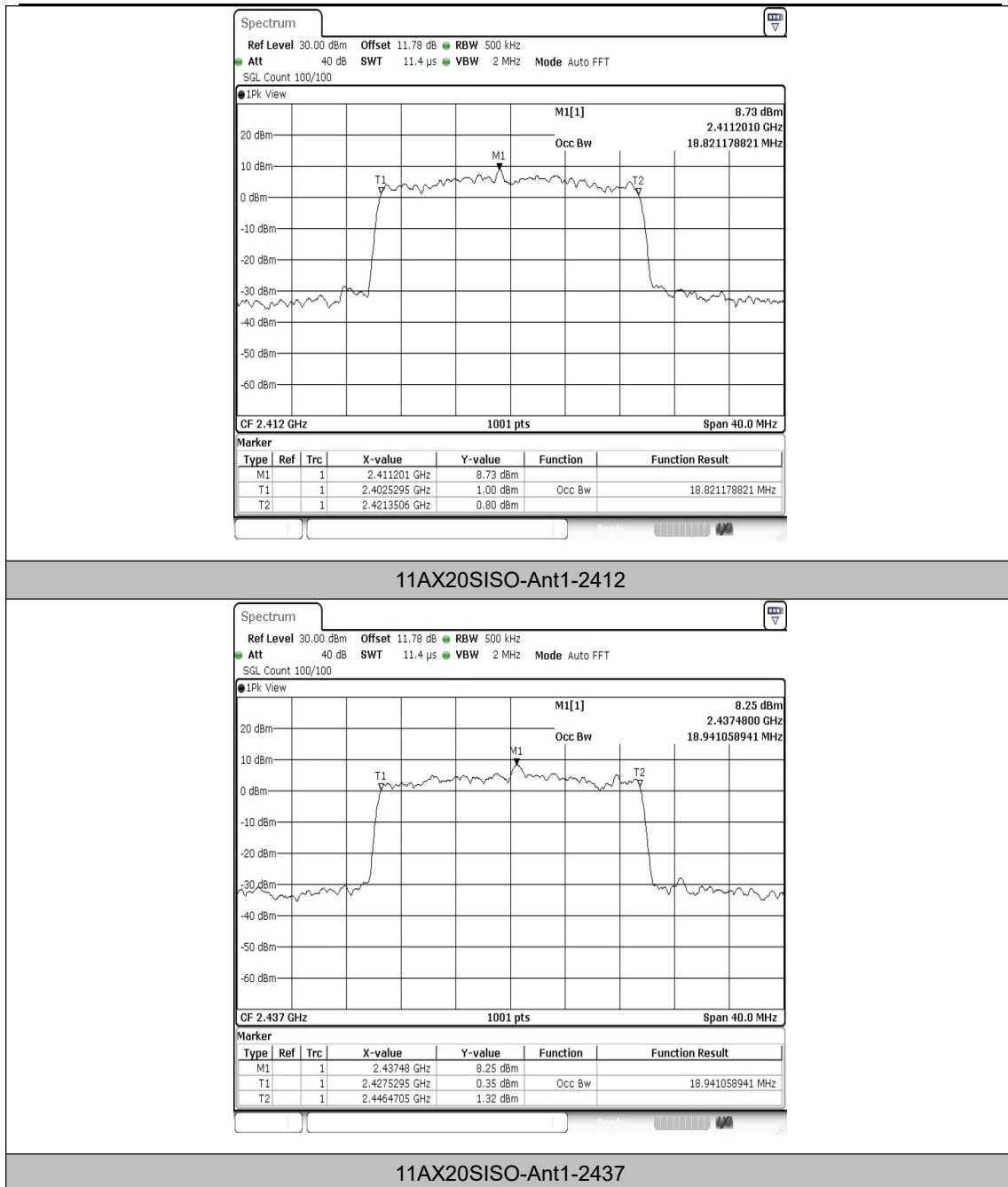


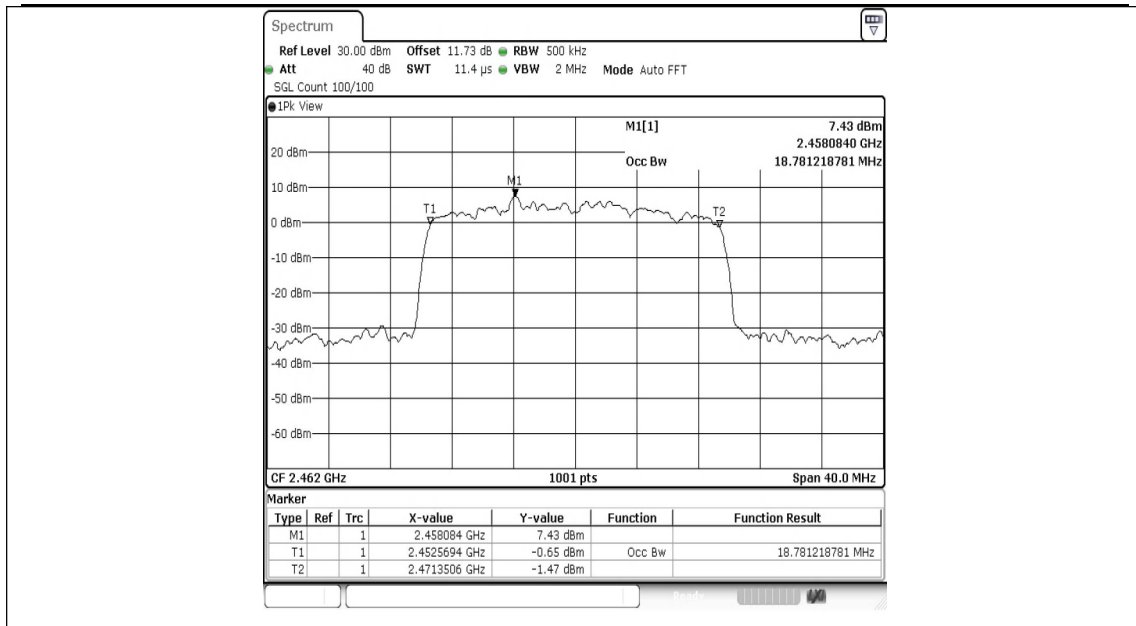




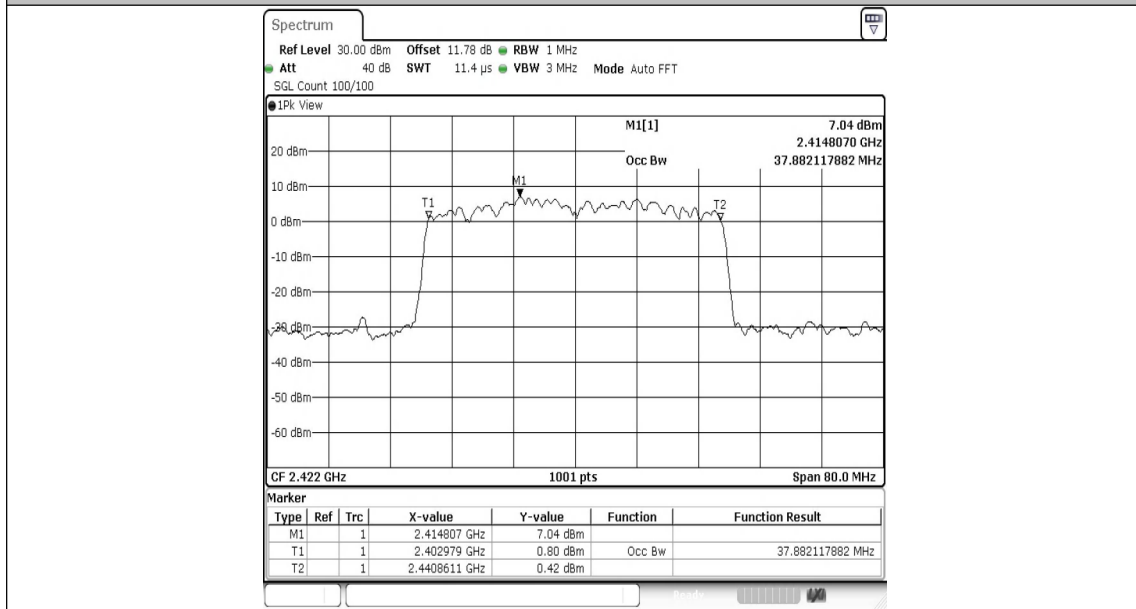






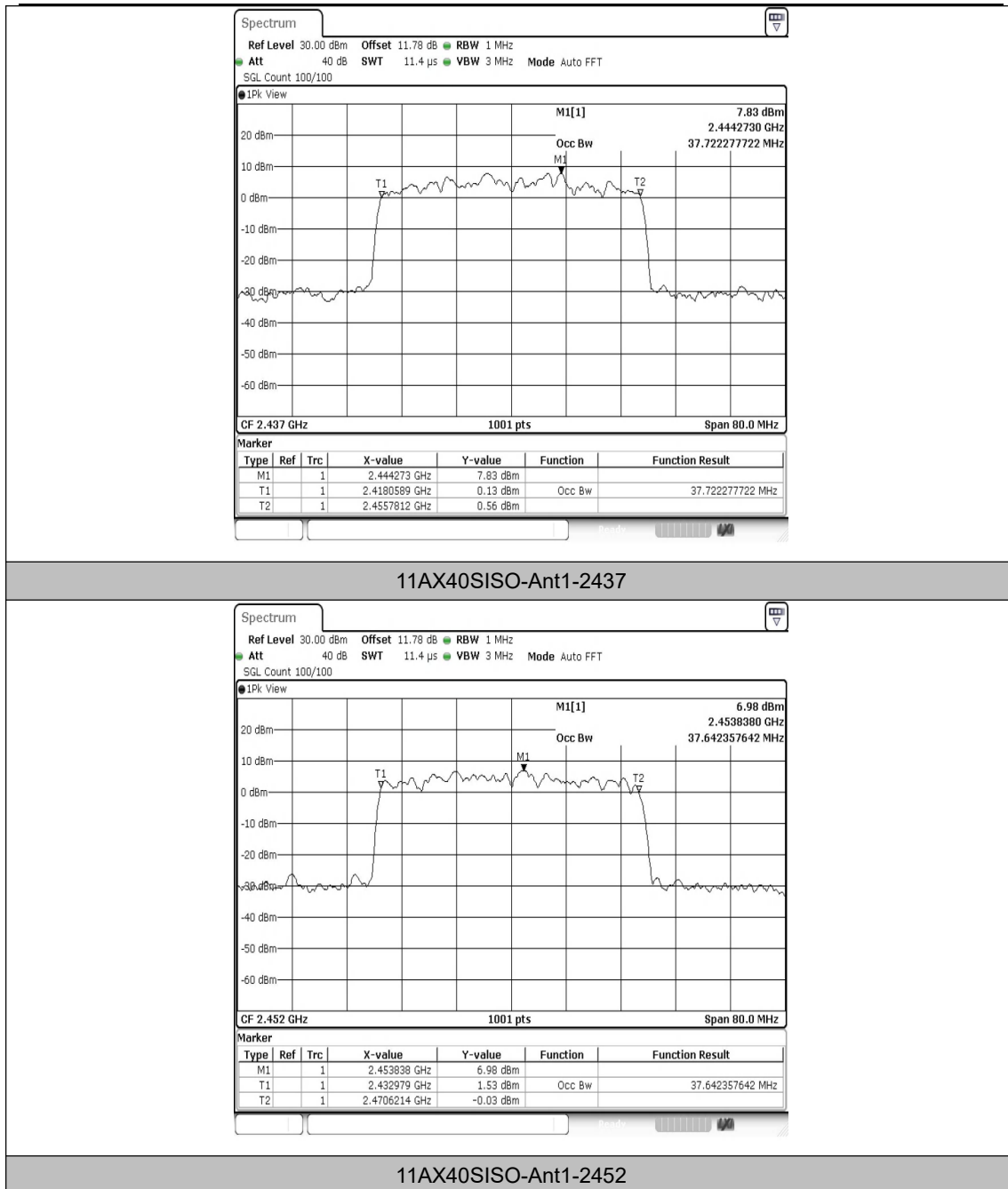


11AX20SISO-Ant1-2462



11AX40SISO-Ant1-2422





Appendix C: Maximum conducted output power

Test Result Average

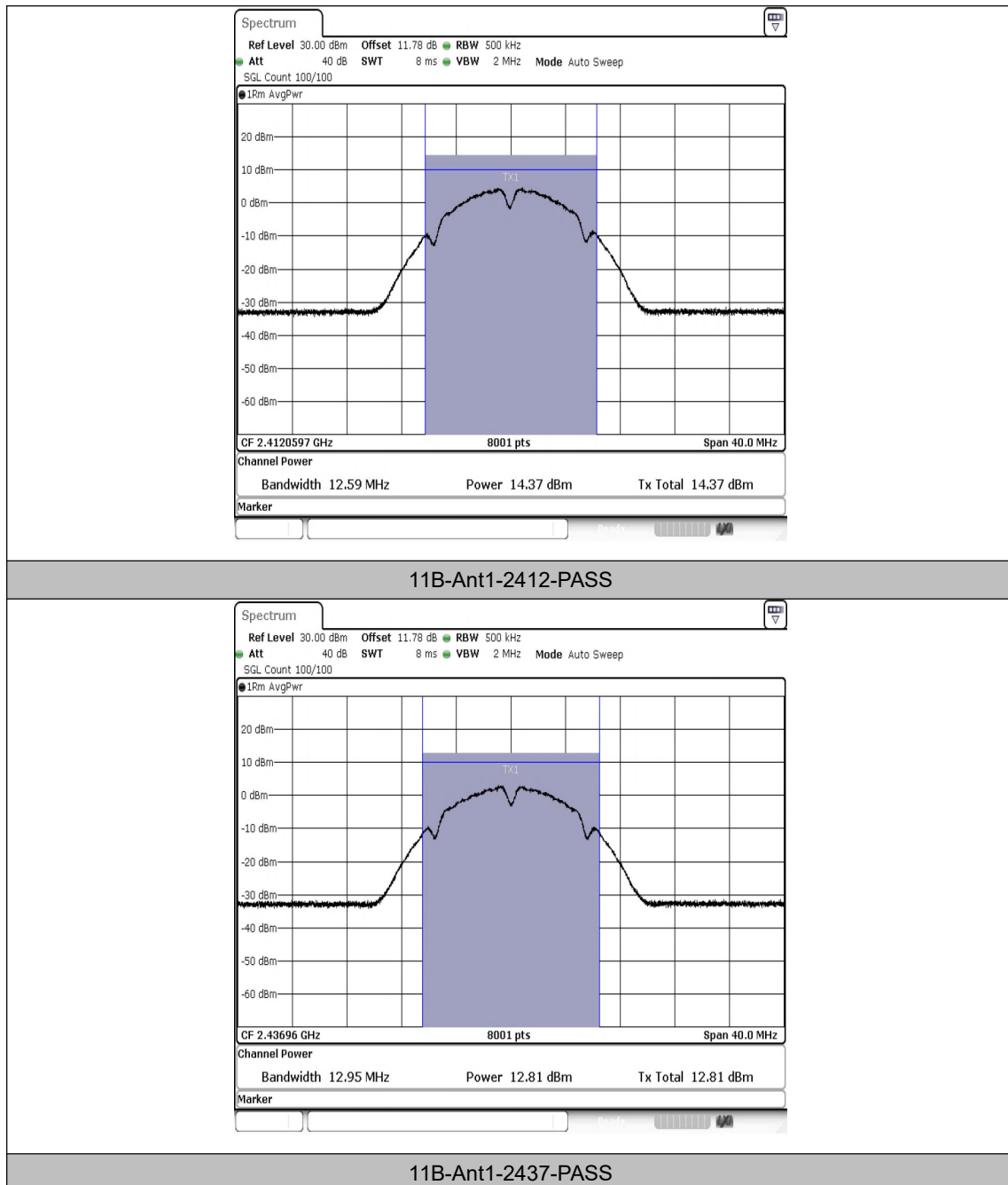
Test Mode	Antenna	Frequency [MHz]	Set Power	Average power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	NA	14.37	94.59	0.24	14.61	≤30.00	PASS
11B	Ant1	2437	NA	12.81	93.96	0.27	13.08	≤30.00	PASS
11B	Ant1	2462	NA	12.44	94.06	0.27	12.71	≤30.00	PASS
11G	Ant1	2412	NA	12.93	70.92	1.49	14.42	≤30.00	PASS
11G	Ant1	2437	NA	11.72	71.65	1.45	13.17	≤30.00	PASS
11G	Ant1	2462	NA	11.31	71.79	1.44	12.75	≤30.00	PASS
11N20SISO	Ant1	2412	NA	12.61	69.89	1.56	14.17	≤30.00	PASS
11N20SISO	Ant1	2437	NA	11.51	70.43	1.52	13.03	≤30.00	PASS
11N20SISO	Ant1	2462	NA	11.07	69.89	1.56	12.63	≤30.00	PASS
11N40SISO	Ant1	2422	NA	10.69	54.24	2.66	13.35	≤30.00	PASS
11N40SISO	Ant1	2437	NA	10.65	53.28	2.73	13.38	≤30.00	PASS
11N40SISO	Ant1	2452	NA	10.45	47.76	3.21	13.66	≤30.00	PASS
11AX20SISO	Ant1	2412	NA	12.50	58.38	2.34	14.84	≤30.00	PASS
11AX20SISO	Ant1	2437	NA	11.29	65.16	1.86	13.15	≤30.00	PASS
11AX20SISO	Ant1	2462	NA	10.88	62.96	2.01	12.89	≤30.00	PASS
11AX40SISO	Ant1	2422	NA	10.54	49.53	3.05	13.59	≤30.00	PASS
11AX40SISO	Ant1	2437	NA	10.44	49.53	3.05	13.49	≤30.00	PASS
11AX40SISO	Ant1	2452	NA	10.17	49.53	3.05	13.22	≤30.00	PASS

Note:

1. The cable loss are compensated in the graph



Test Graphs Average



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