

Appendix Test Data

Report No.:	1812C40139212503	Test Sample No.:	1-2-2
Start Test Date:	2024.11.12	Finish Test Date:	2024.11.22
Test Engineer:	<i>Joker Huang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	24.9°C	Relative Humidity:	51%
Pressure:	101kPa		

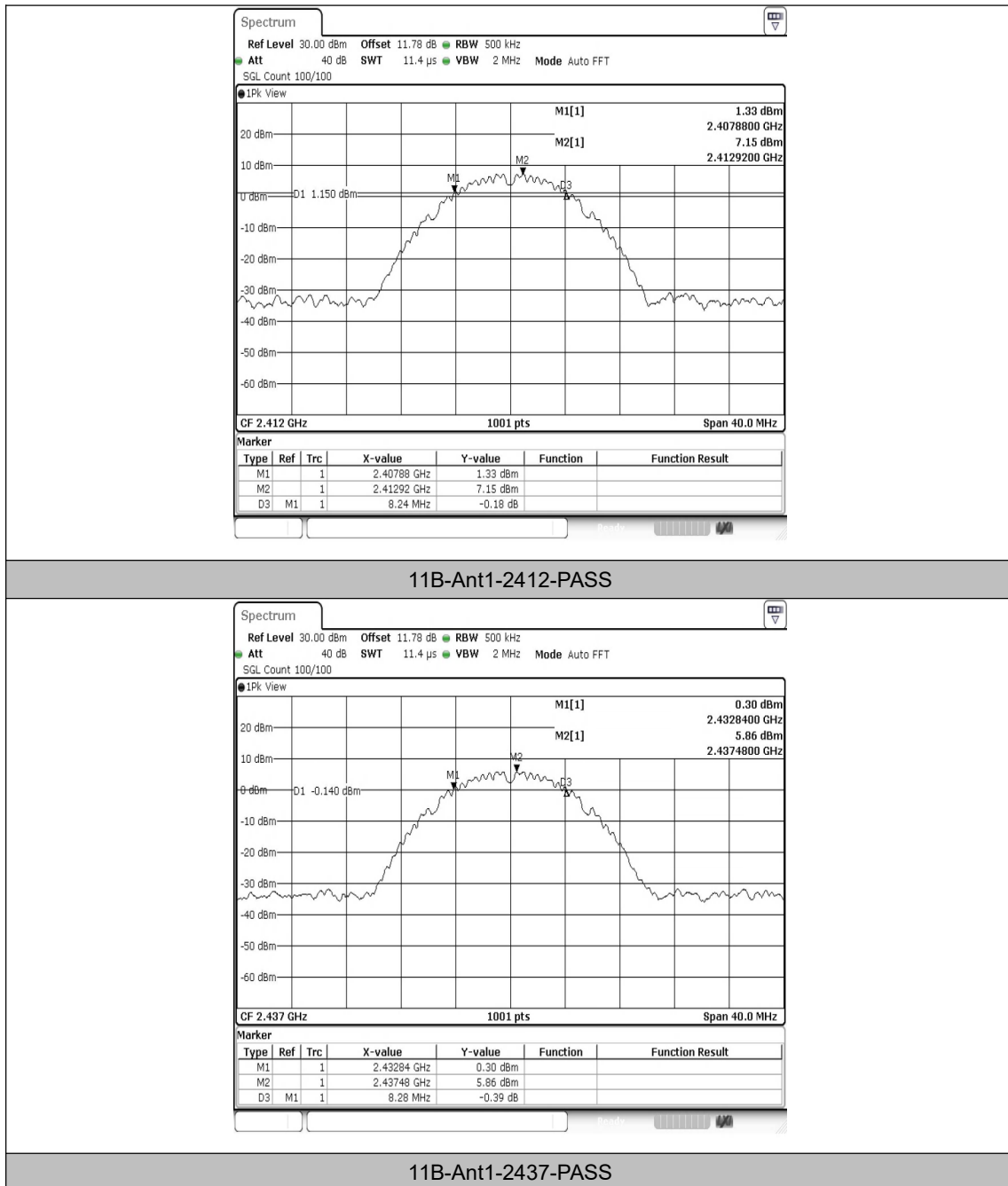
Appendix A: 6dB Bandwidth

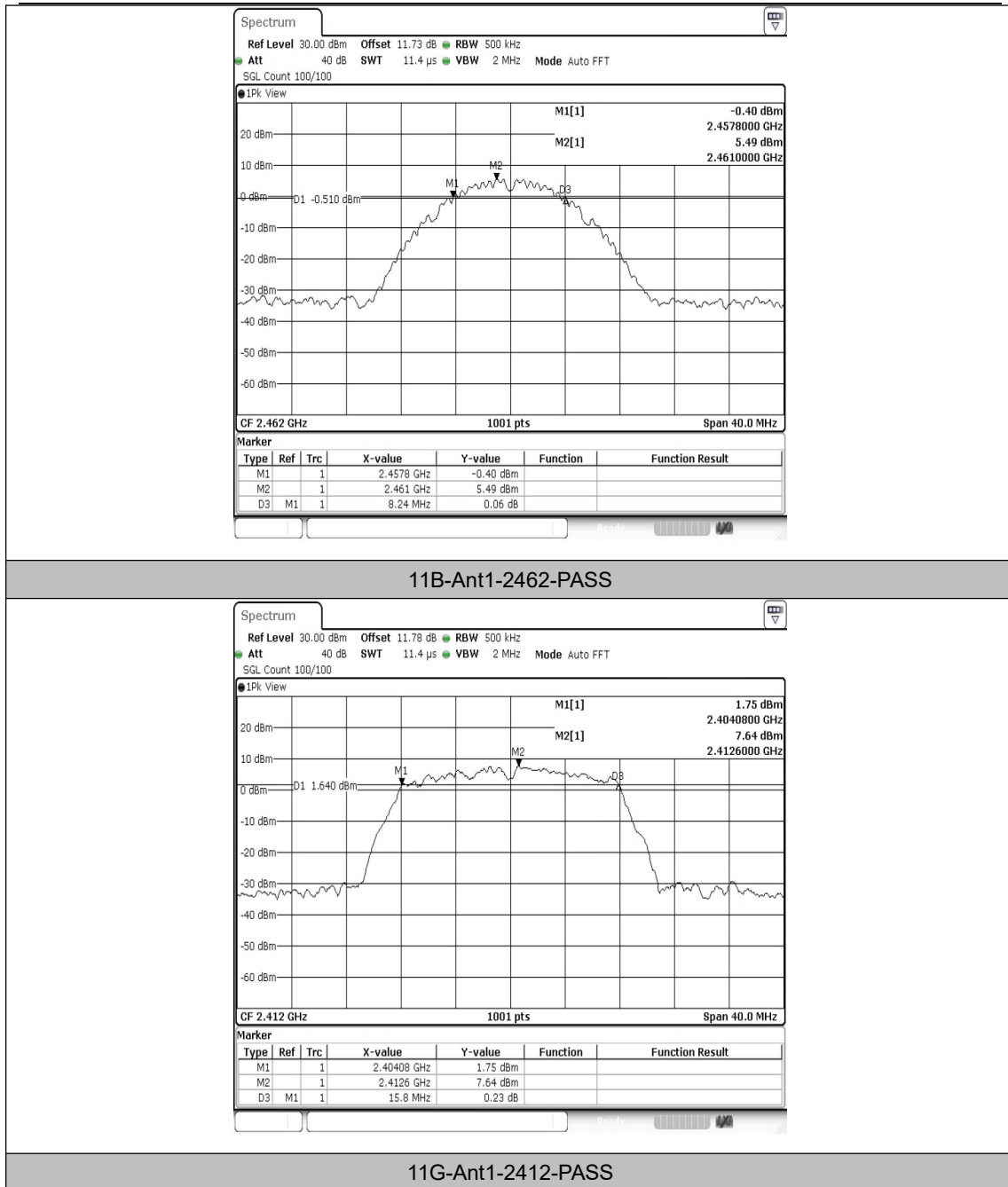
Test Result

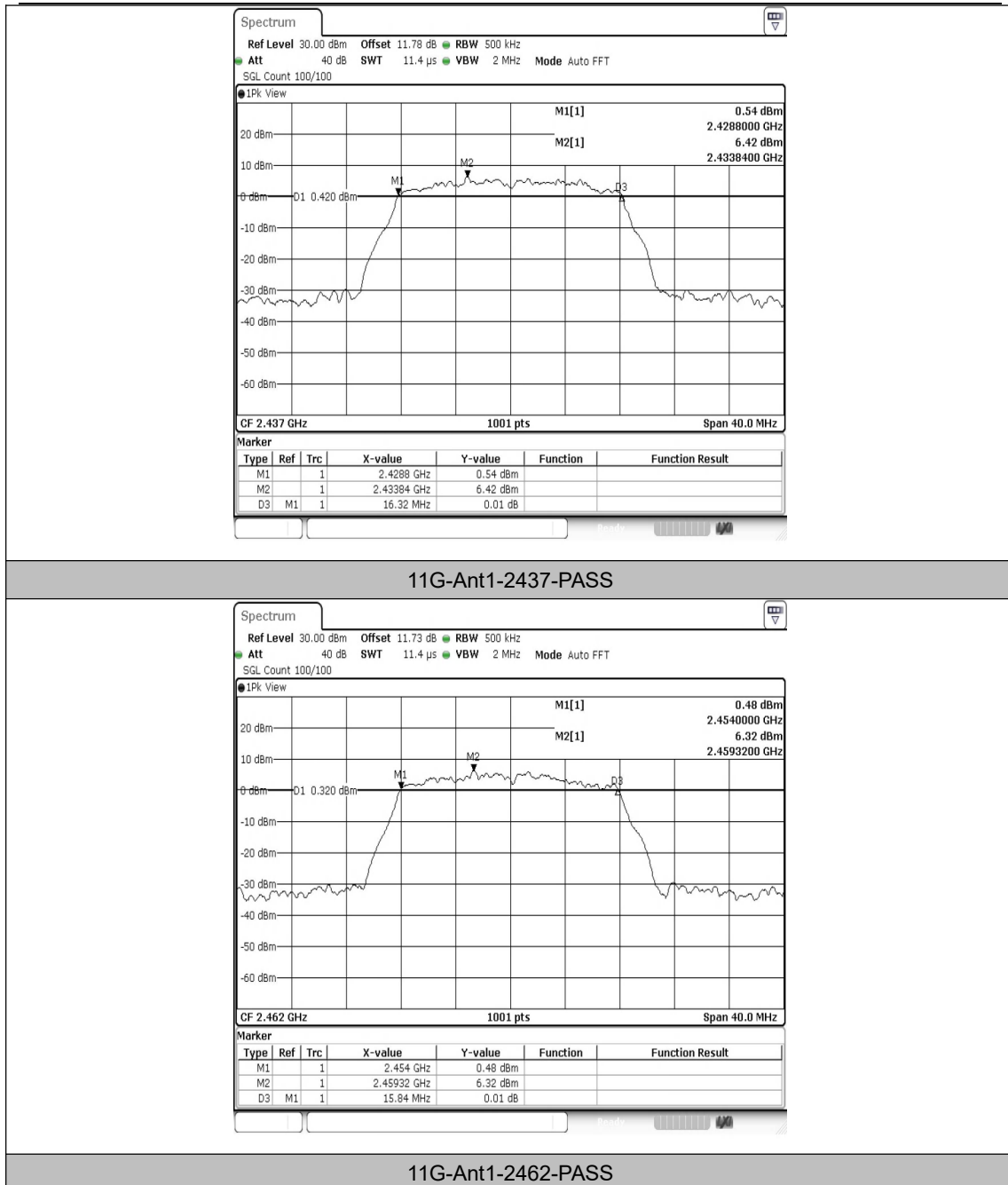
Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.24	2407.88	2416.12	0.5	PASS
11B	Ant1	2437	8.28	2432.84	2441.12	0.5	PASS
11B	Ant1	2462	8.24	2457.80	2466.04	0.5	PASS
11G	Ant1	2412	15.80	2404.08	2419.88	0.5	PASS
11G	Ant1	2437	16.32	2428.80	2445.12	0.5	PASS
11G	Ant1	2462	15.84	2454.00	2469.84	0.5	PASS
11N20SISO	Ant1	2412	17.04	2403.52	2420.56	0.5	PASS
11N20SISO	Ant1	2437	17.20	2428.32	2445.52	0.5	PASS
11N20SISO	Ant1	2462	17.08	2453.36	2470.44	0.5	PASS
11N40SISO	Ant1	2422	34.72	2405.12	2439.84	0.5	PASS
11N40SISO	Ant1	2437	35.76	2419.08	2454.84	0.5	PASS
11N40SISO	Ant1	2452	34.72	2434.00	2468.72	0.5	PASS
11AX20SISO	Ant1	2412	18.44	2402.96	2421.40	0.5	PASS
11AX20SISO	Ant1	2437	18.84	2427.44	2446.28	0.5	PASS
11AX20SISO	Ant1	2462	18.84	2452.52	2471.36	0.5	PASS
11AX40SISO	Ant1	2422	37.36	2403.12	2440.48	0.5	PASS
11AX40SISO	Ant1	2437	37.12	2418.52	2455.64	0.5	PASS
11AX40SISO	Ant1	2452	35.68	2433.28	2468.96	0.5	PASS

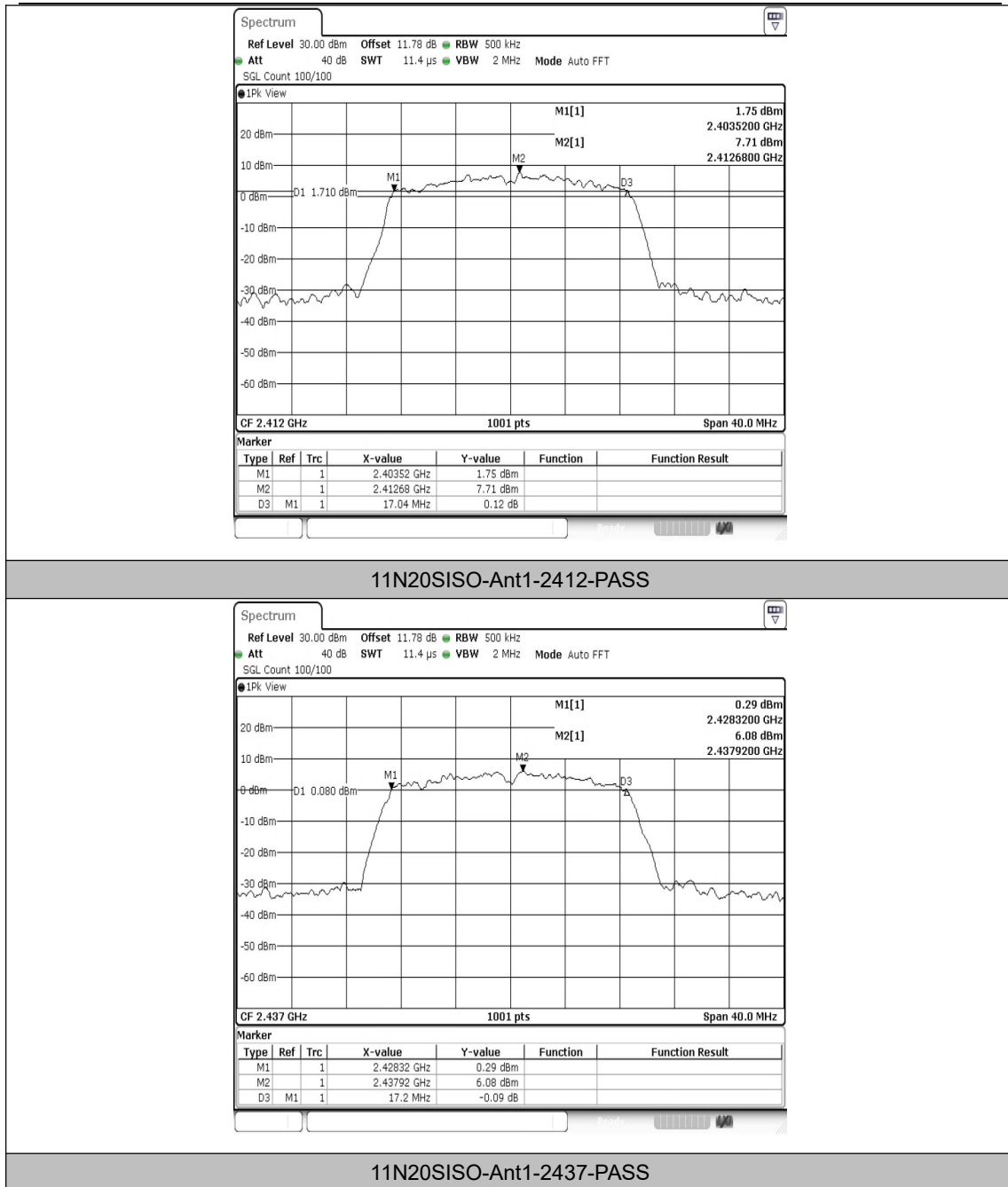


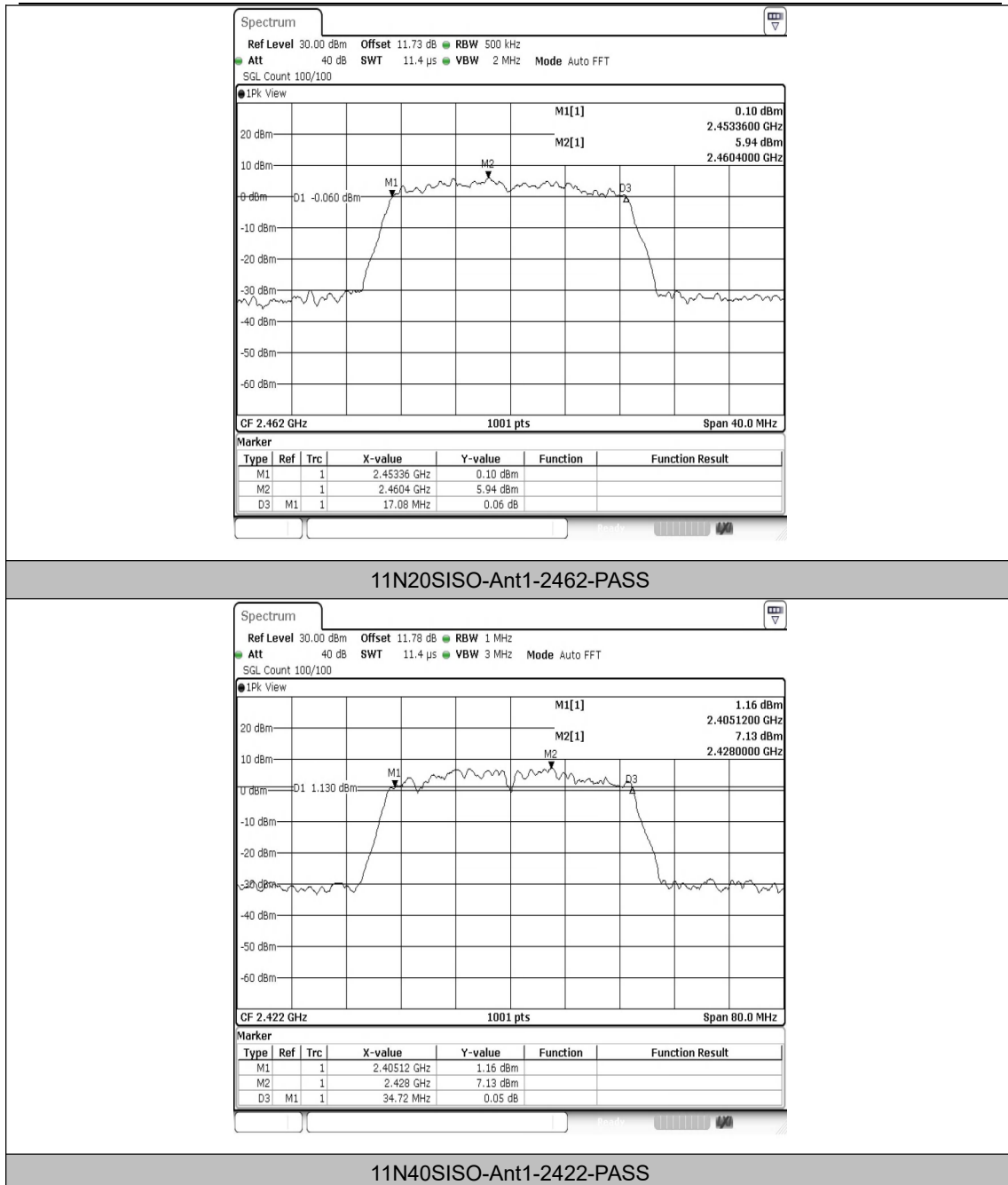
Test Graphs

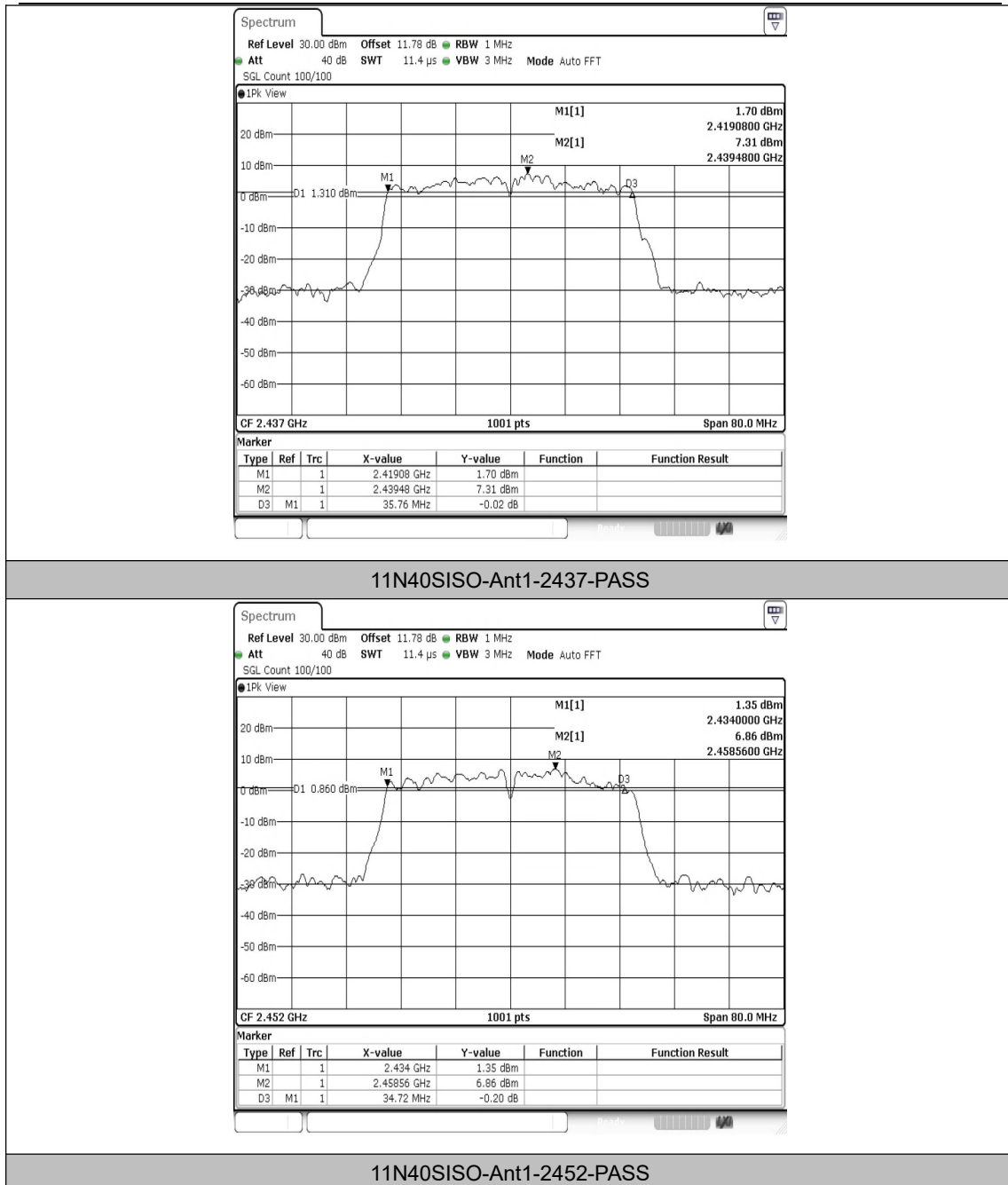


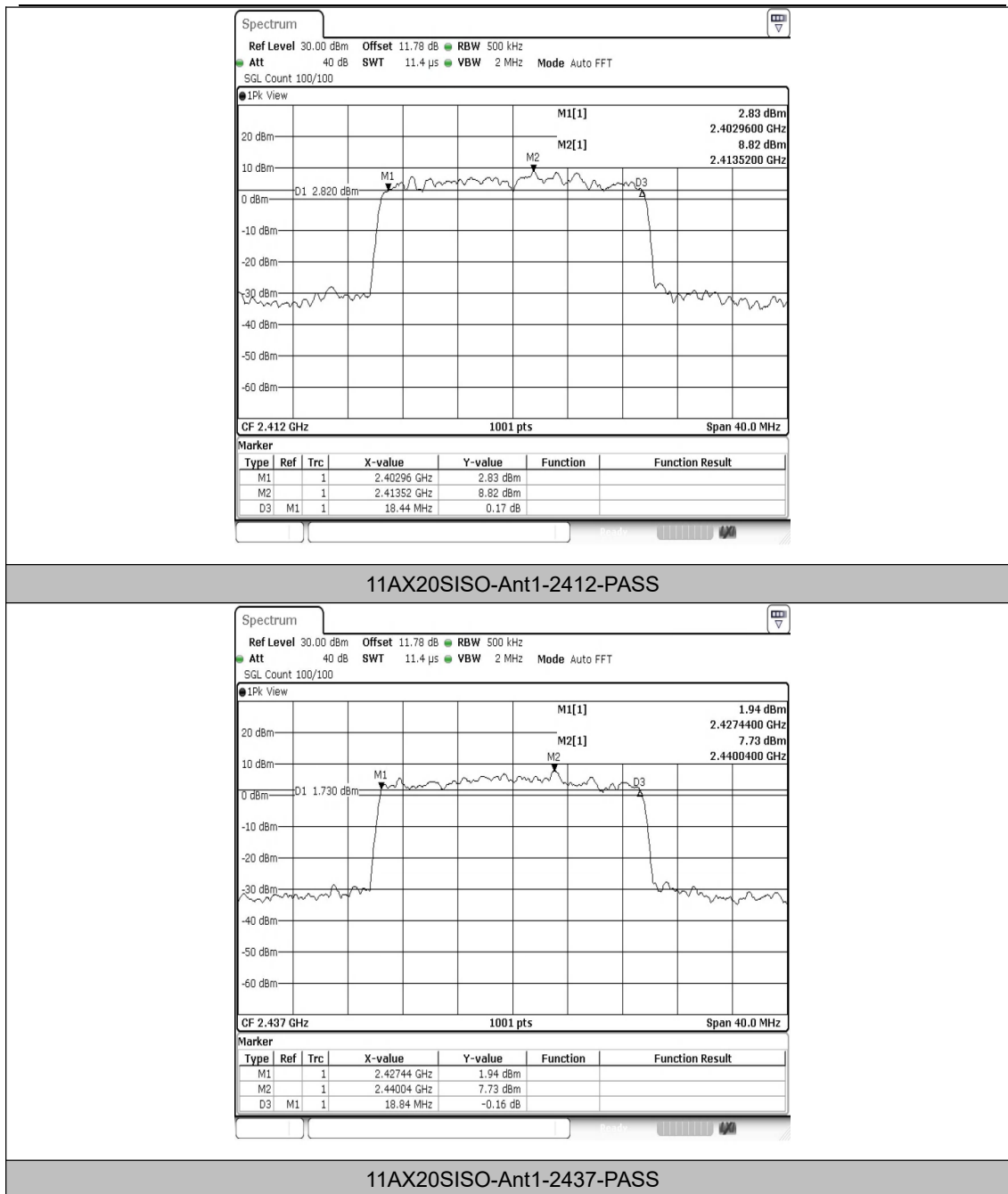


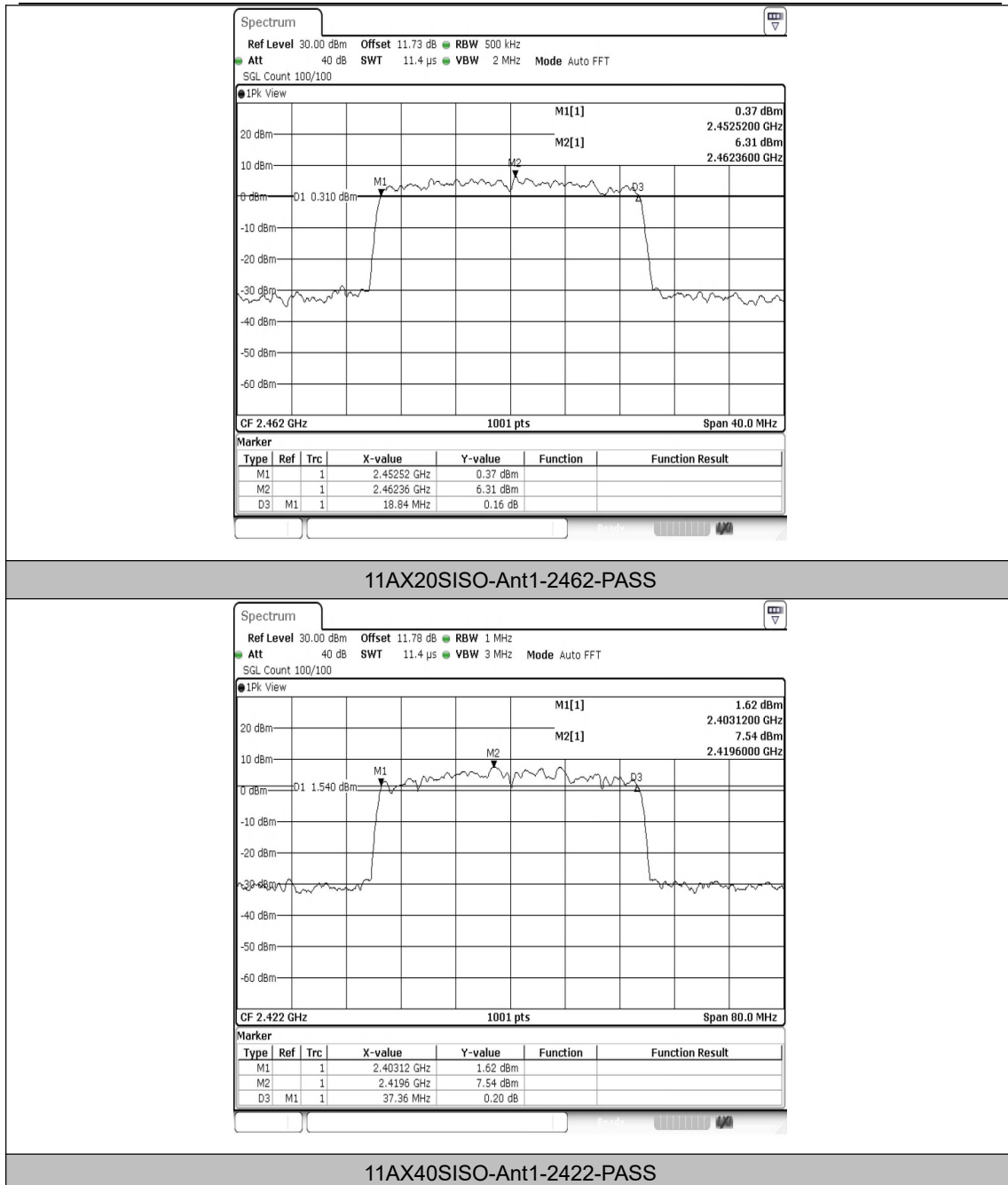


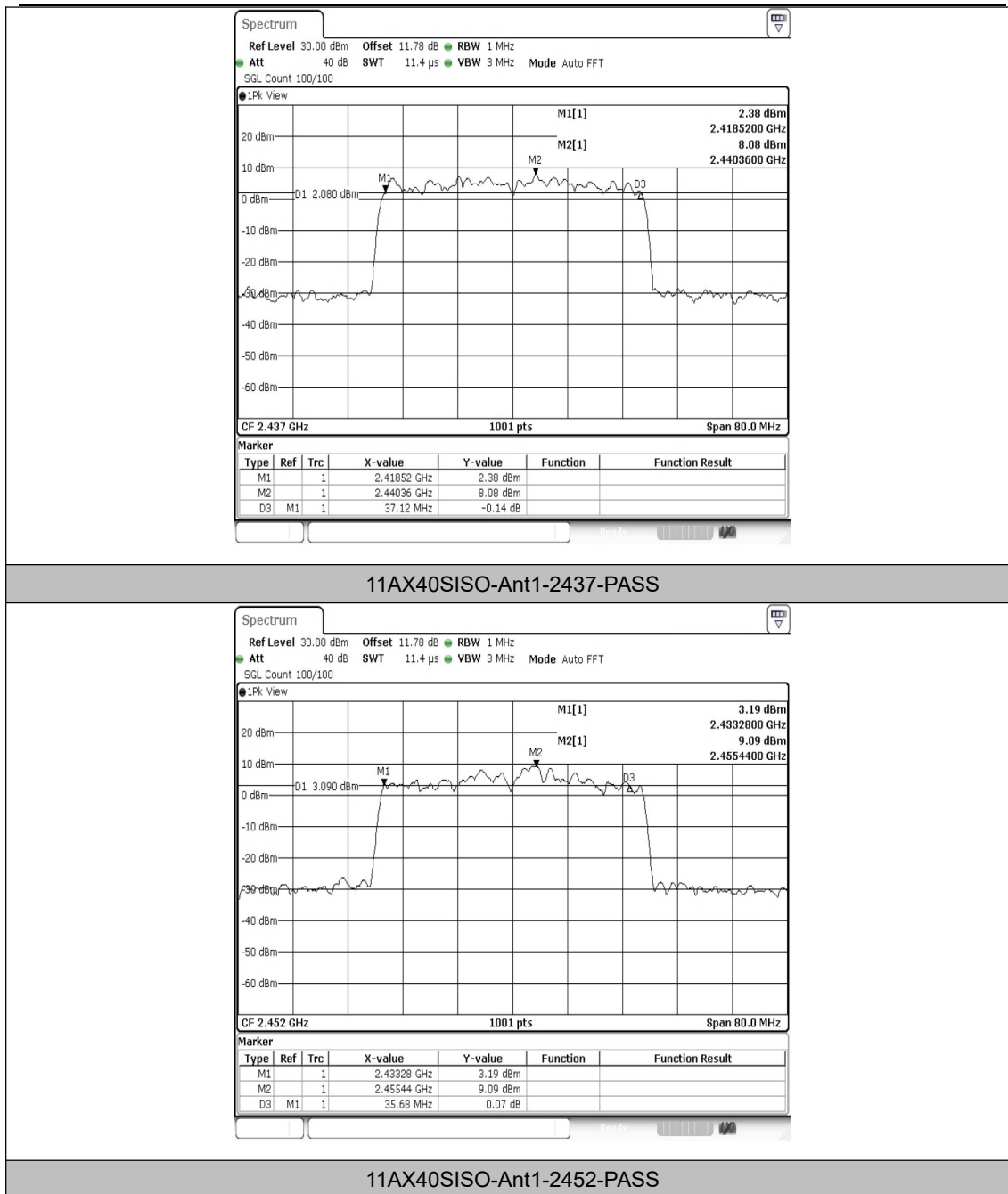












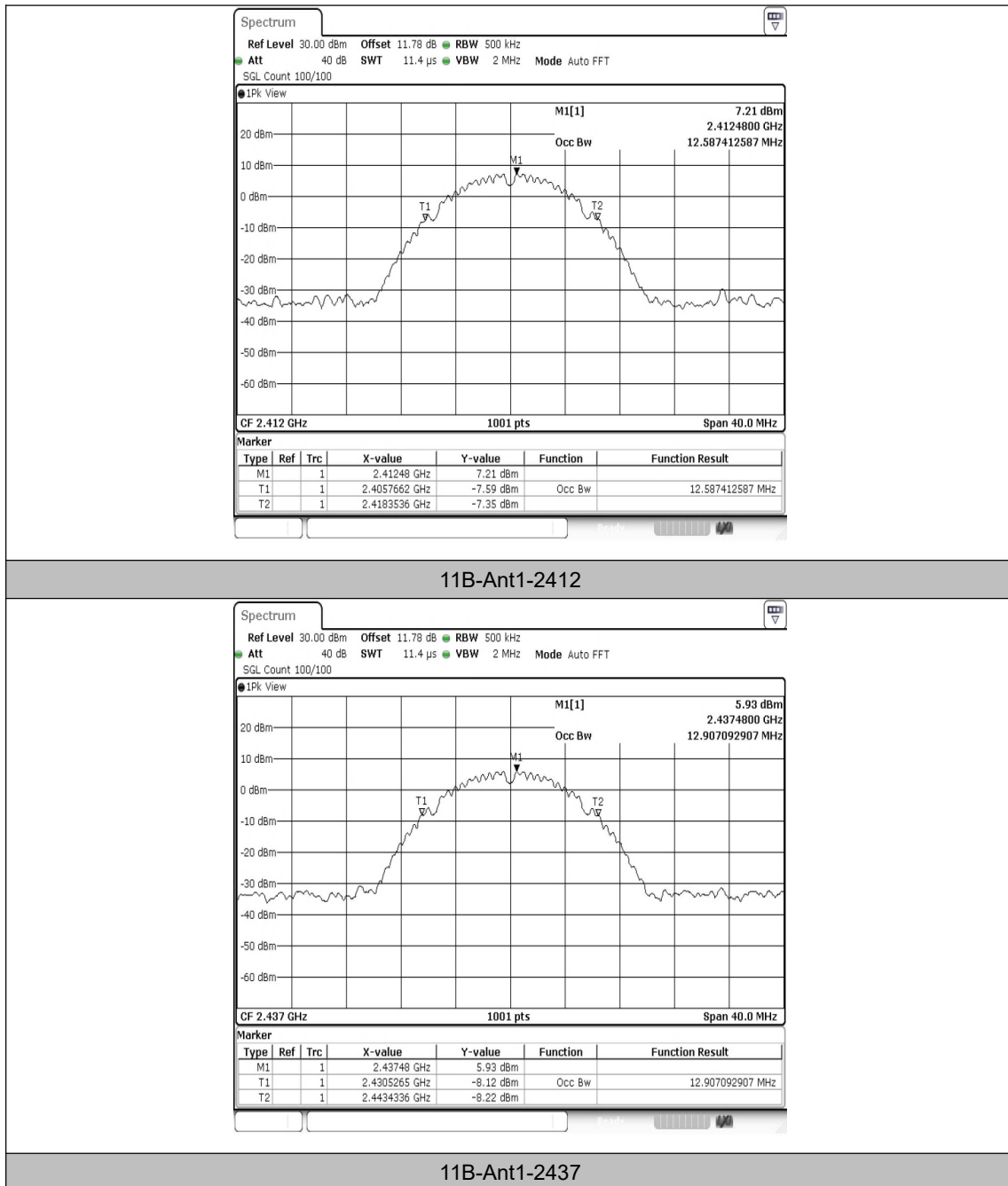
Appendix B: 99% Occupied Bandwidth

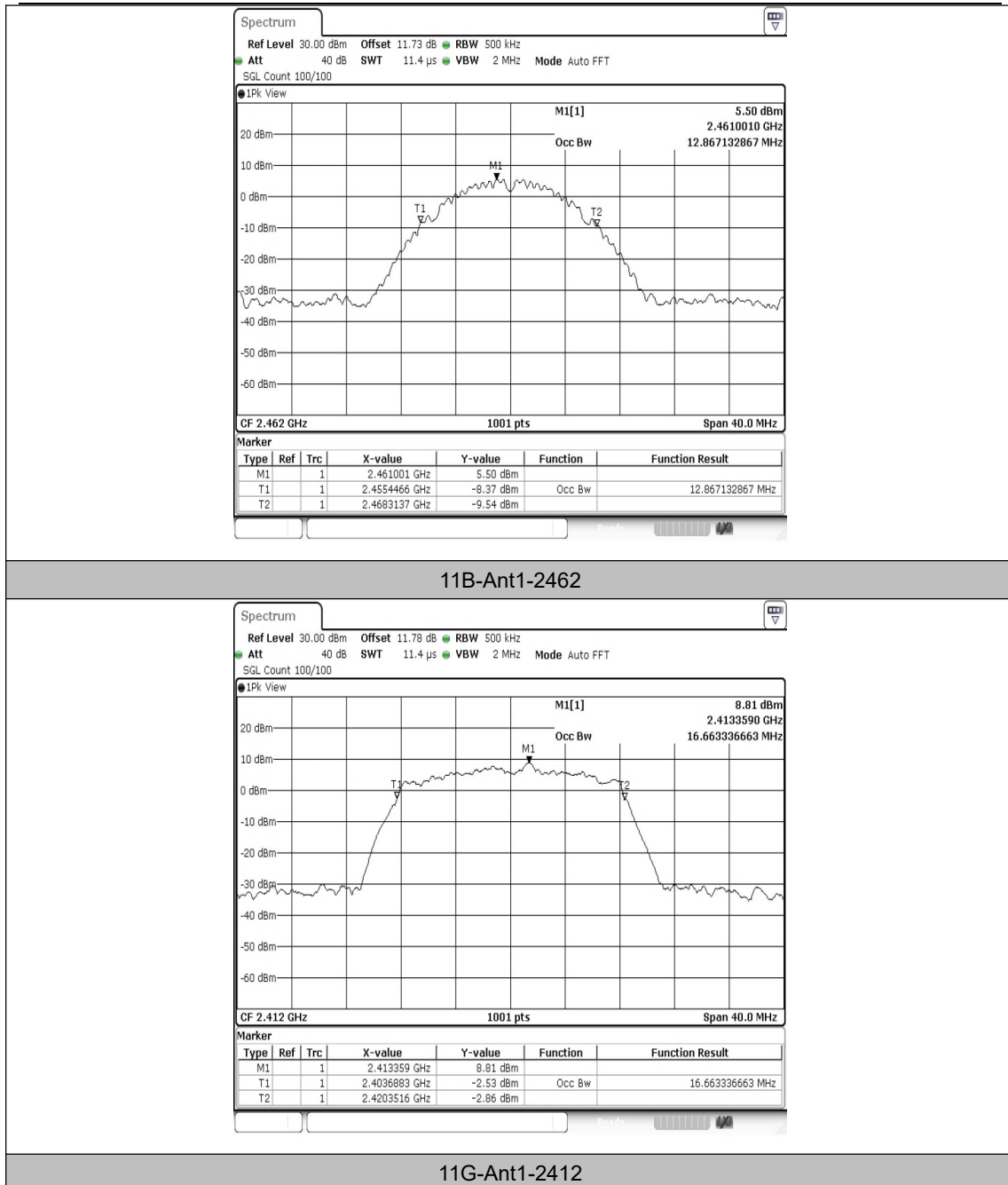
Test Result

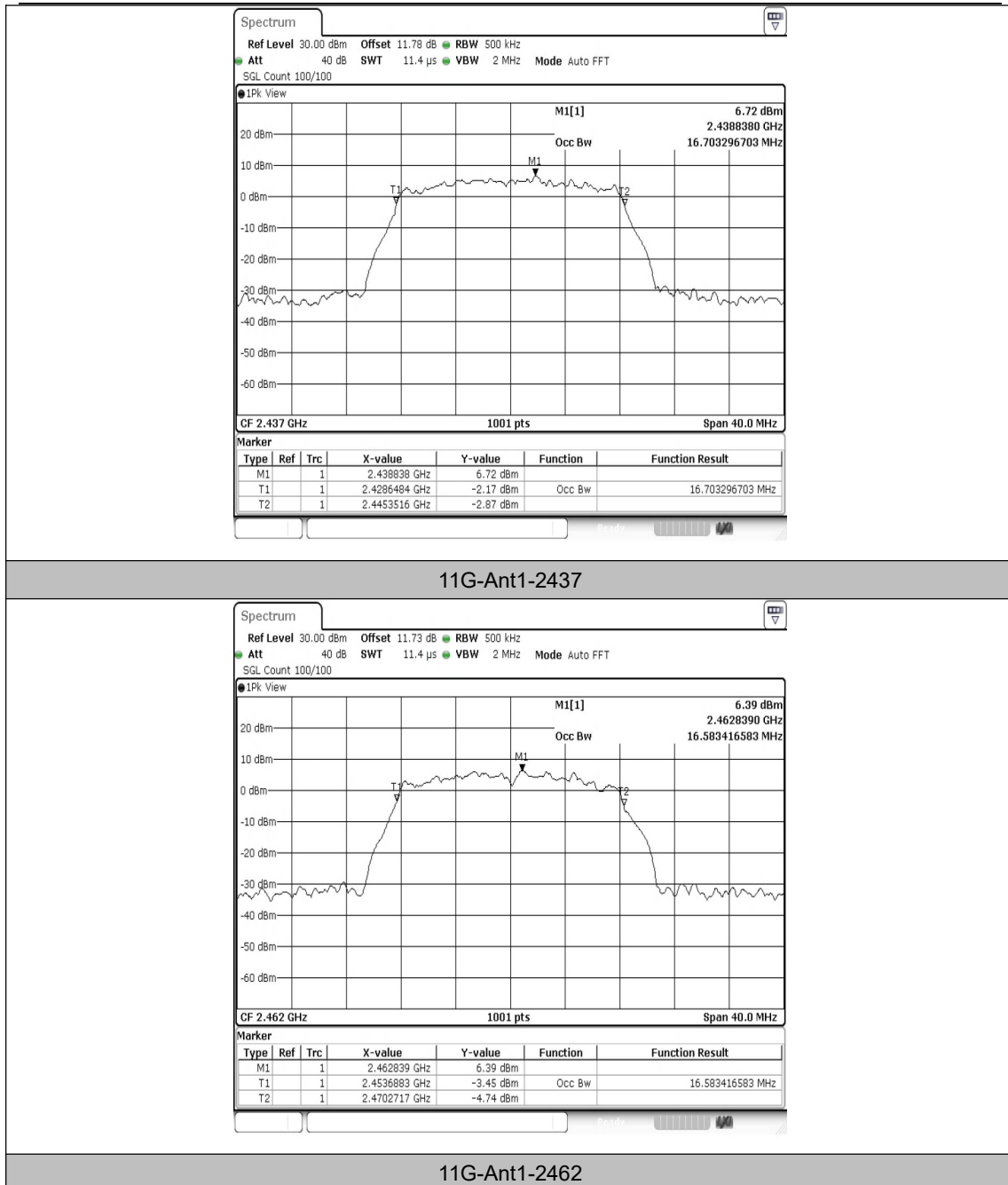
Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.587	2405.7662	2418.3536	---	---
11B	Ant1	2437	12.907	2430.5265	2443.4336	---	---
11B	Ant1	2462	12.867	2455.4466	2468.3137	---	---
11G	Ant1	2412	16.663	2403.6883	2420.3516	---	---
11G	Ant1	2437	16.703	2428.6484	2445.3516	---	---
11G	Ant1	2462	16.583	2453.6883	2470.2717	---	---
11N20SISO	Ant1	2412	17.622	2403.2488	2420.8711	---	---
11N20SISO	Ant1	2437	17.742	2428.1688	2445.9111	---	---
11N20SISO	Ant1	2462	17.862	2453.0090	2470.8711	---	---
11N40SISO	Ant1	2422	36.124	2404.0180	2440.1419	---	---
11N40SISO	Ant1	2437	36.364	2418.9381	2455.3017	---	---
11N40SISO	Ant1	2452	35.884	2434.0180	2469.9021	---	---
11AX20SISO	Ant1	2412	18.901	2402.5694	2421.4705	---	---
11AX20SISO	Ant1	2437	18.901	2427.5694	2446.4705	---	---
11AX20SISO	Ant1	2462	18.901	2452.5295	2471.4306	---	---
11AX40SISO	Ant1	2422	37.642	2403.2987	2440.9411	---	---
11AX40SISO	Ant1	2437	38.042	2417.9790	2456.0210	---	---
11AX40SISO	Ant1	2452	37.722	2433.0589	2470.7812	---	---

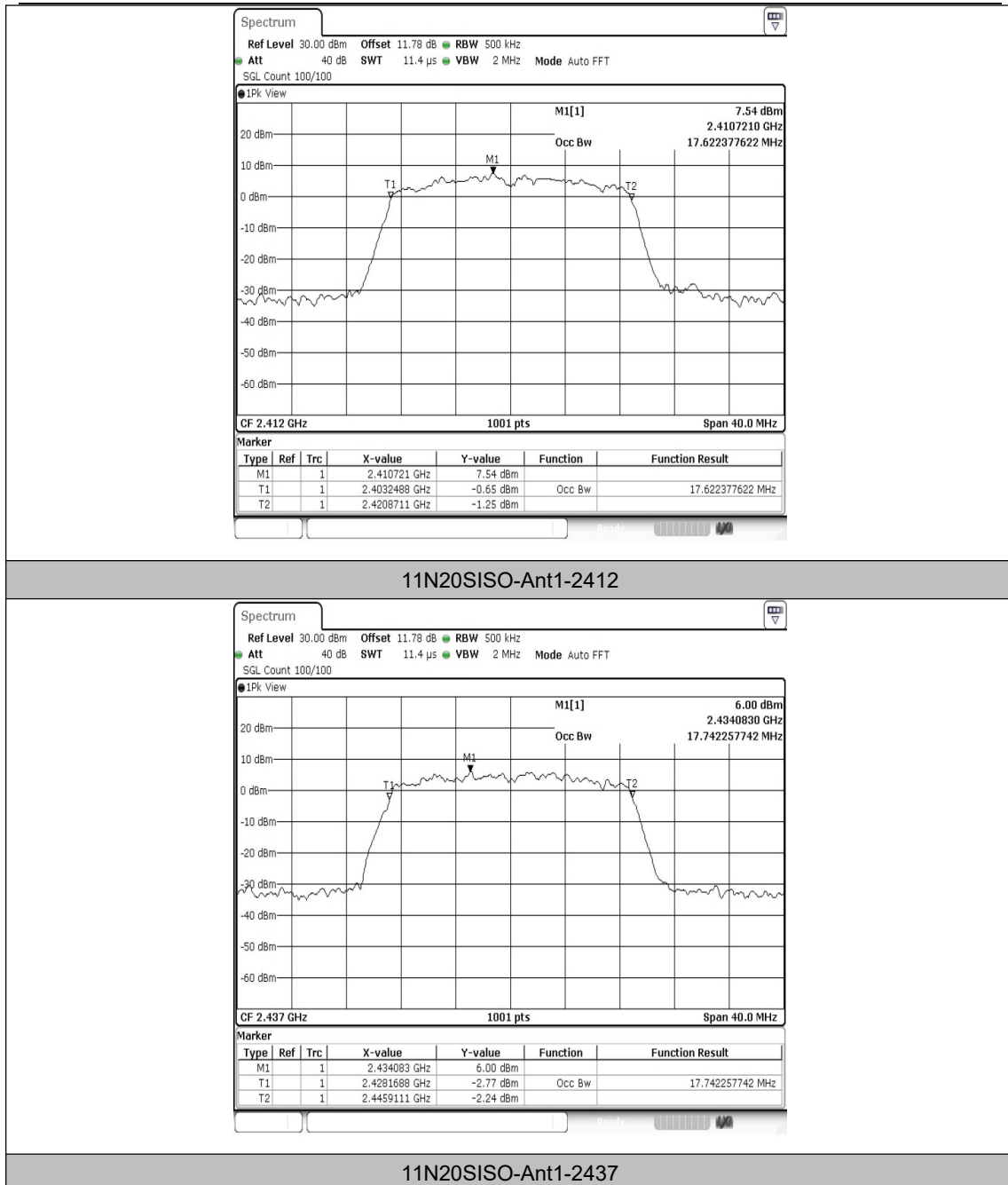


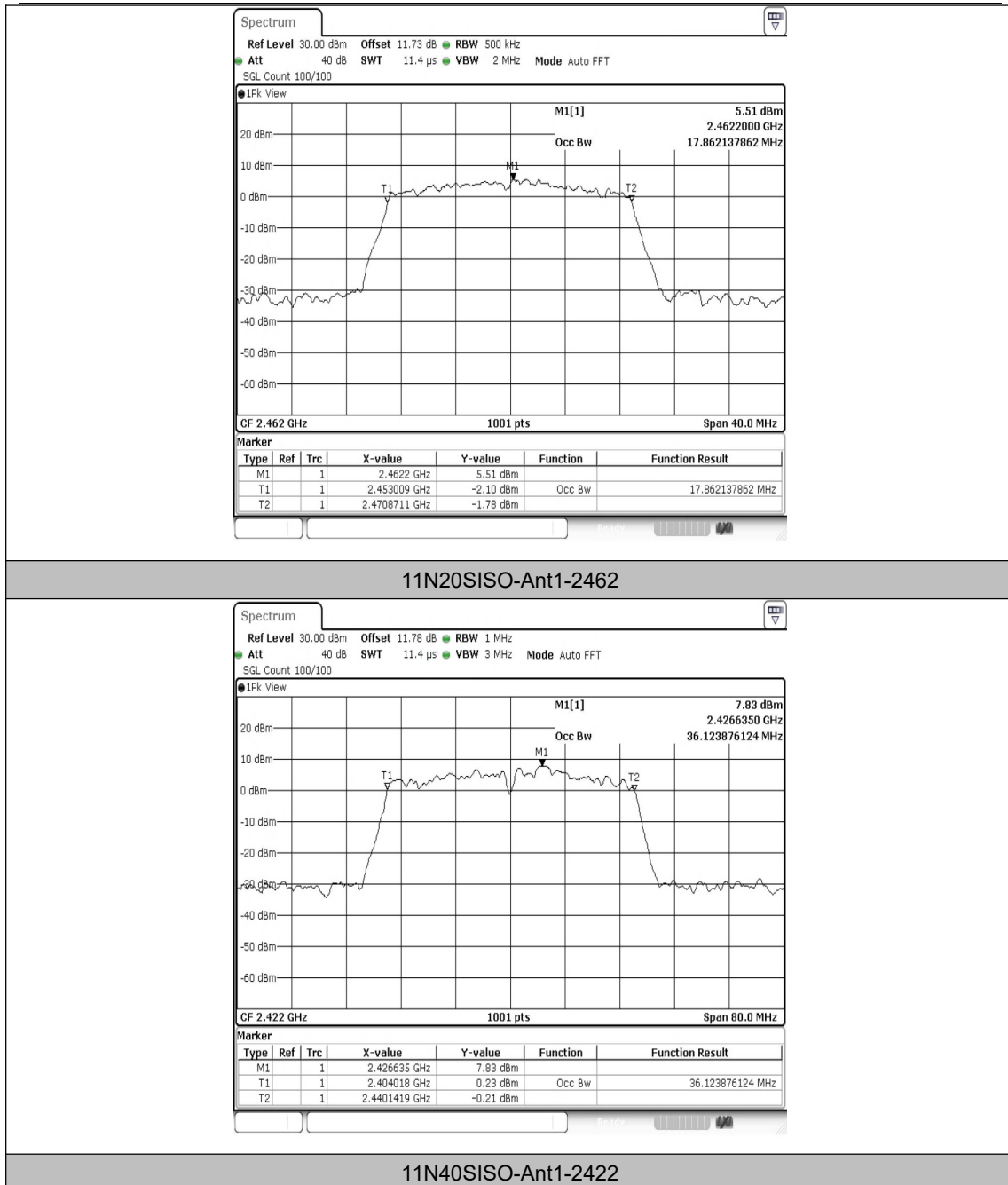
Test Graphs

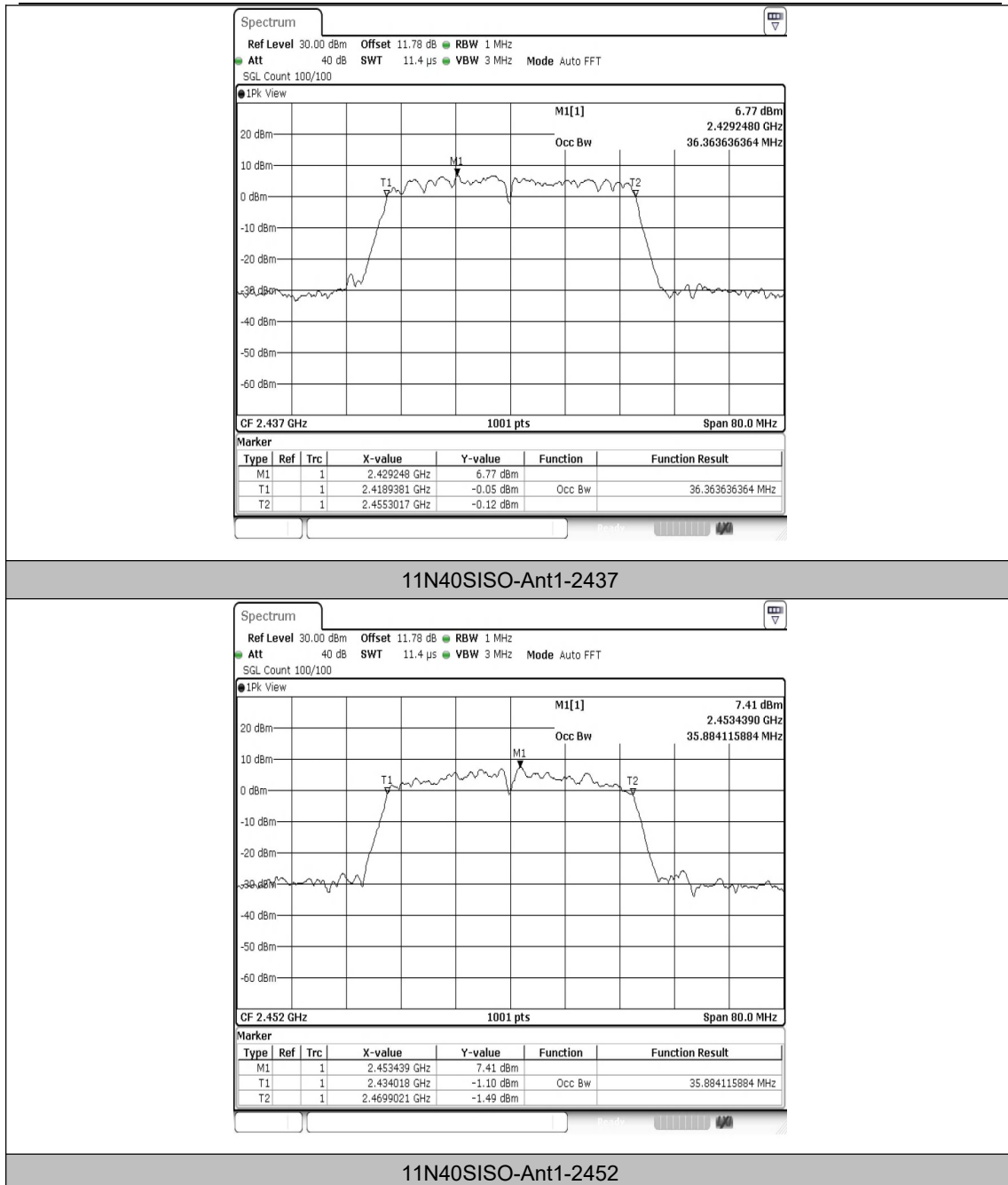


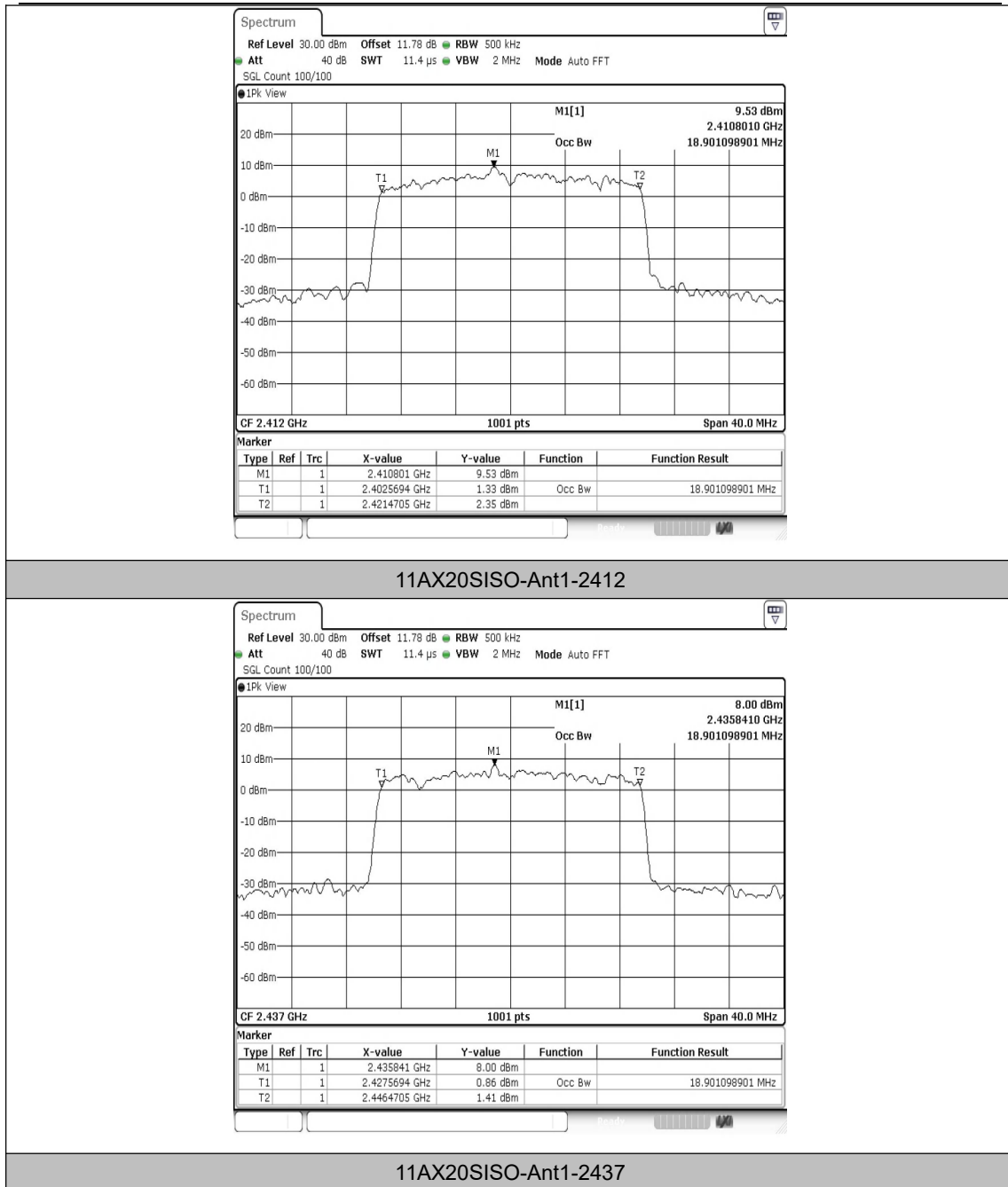


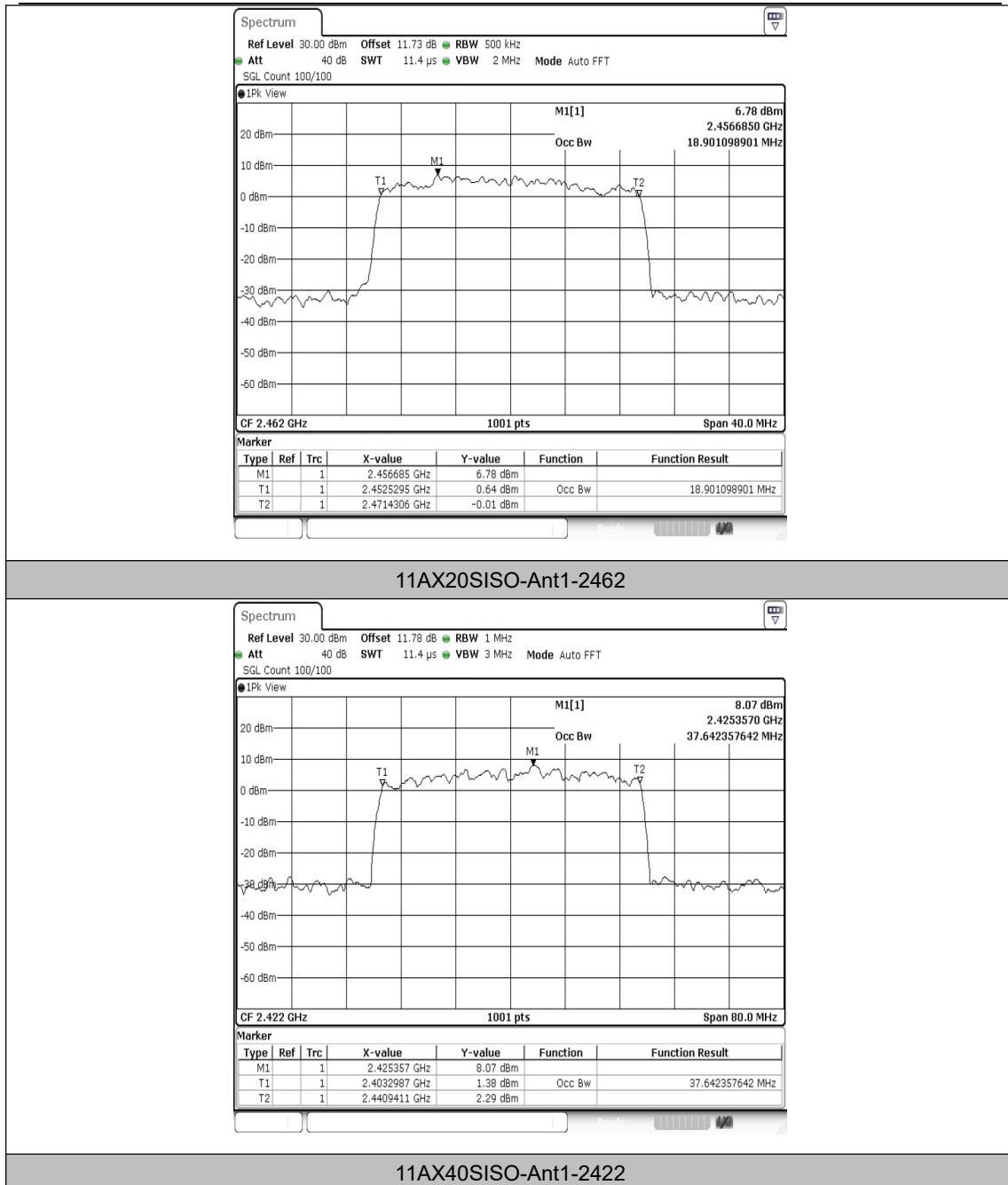


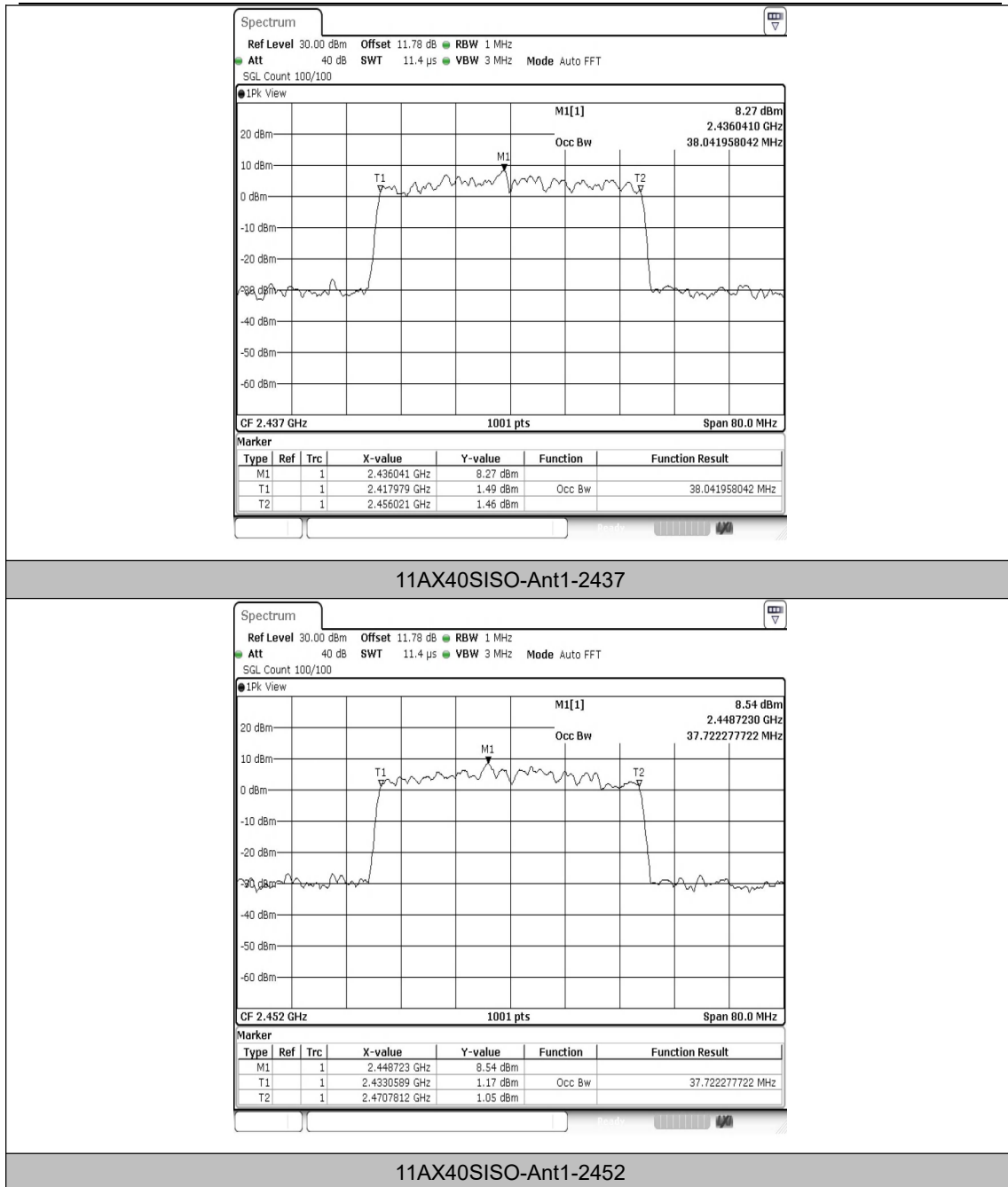












Appendix C: Maximum conducted output power

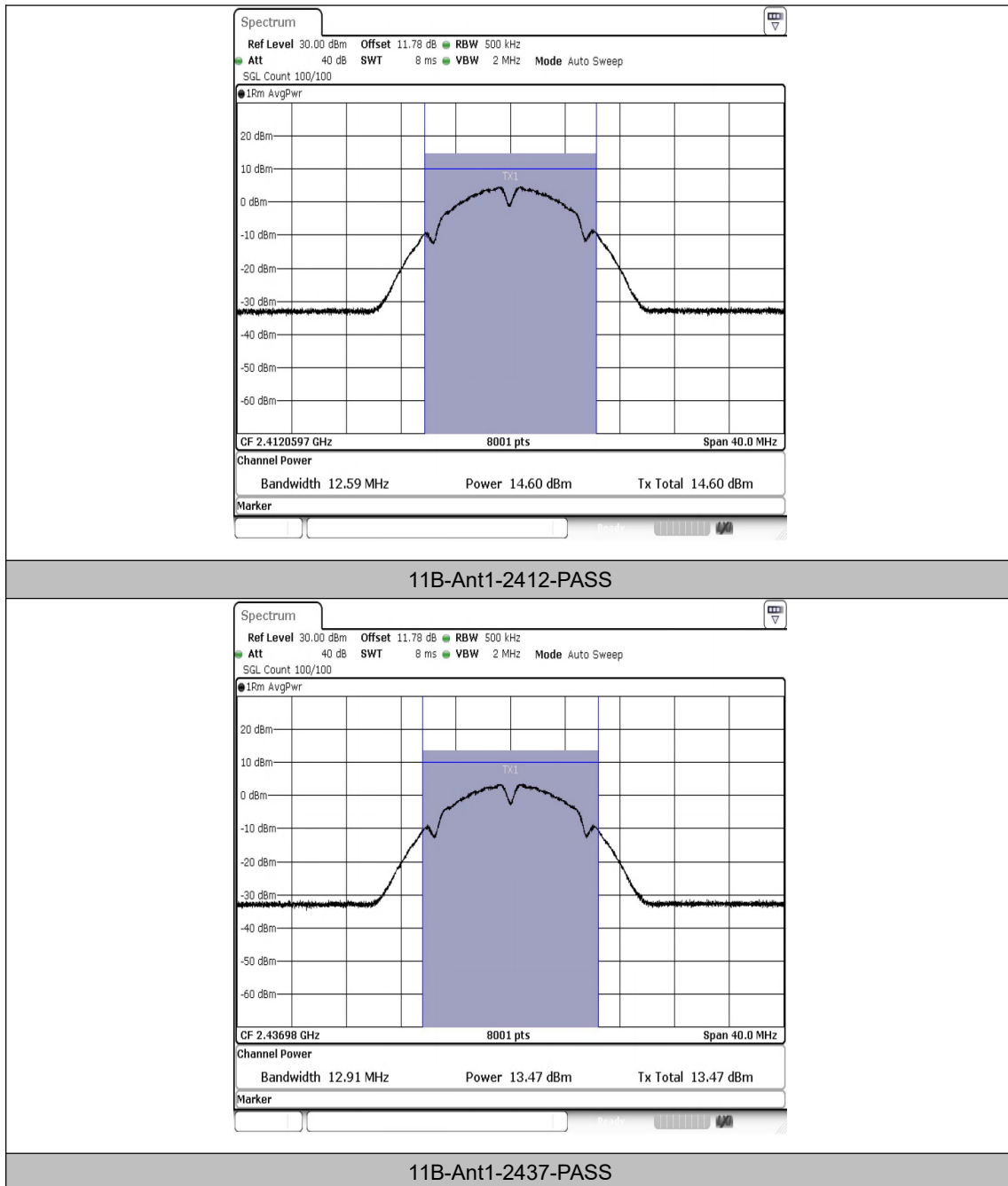
Test Result Average

Test Mode	Antenna	Frequency[MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	14.60	93.74	0.28	14.88	≤30.00	PASS
11B	Ant1	2437	13.47	95.56	0.20	13.67	≤30.00	PASS
11B	Ant1	2462	12.99	93.95	0.27	13.26	≤30.00	PASS
11G	Ant1	2412	13.43	72.02	1.43	14.86	≤30.00	PASS
11G	Ant1	2437	12.27	72.02	1.43	13.70	≤30.00	PASS
11G	Ant1	2462	11.82	72.16	1.42	13.24	≤30.00	PASS
11N20SISO	Ant1	2412	13.66	74.01	1.31	14.97	≤30.00	PASS
11N20SISO	Ant1	2437	12.54	79.27	1.01	13.55	≤30.00	PASS
11N20SISO	Ant1	2462	12.10	69.15	1.60	13.70	≤30.00	PASS
11N40SISO	Ant1	2422	11.79	61.32	2.12	13.91	≤30.00	PASS
11N40SISO	Ant1	2437	11.58	60.38	2.19	13.77	≤30.00	PASS
11N40SISO	Ant1	2452	11.44	60.38	2.19	13.63	≤30.00	PASS
11AX20SISO	Ant1	2412	13.51	62.73	2.03	15.54	≤30.00	PASS
11AX20SISO	Ant1	2437	12.41	63.52	1.97	14.38	≤30.00	PASS
11AX20SISO	Ant1	2462	11.93	63.52	1.97	13.90	≤30.00	PASS
11AX40SISO	Ant1	2422	11.17	50.00	3.01	14.18	≤30.00	PASS
11AX40SISO	Ant1	2437	11.05	50.94	2.93	13.98	≤30.00	PASS
11AX40SISO	Ant1	2452	10.85	50.48	2.97	13.82	≤30.00	PASS

Note: 1. The cable loss are compensated in the graph



Test Graphs Average



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