

Appendix Test Data

Report No:	1811C40040512502	Test Sample NO:	1-2-2
Start Test Date:	2024.10.23	Finish Test Date:	2024.10.23
Test Engineer:	Joker Huang	Auditor:	Justin Feng
Temperature:	24.3°C	Relative Humidity:	56%
Pressure:	101 kPa		

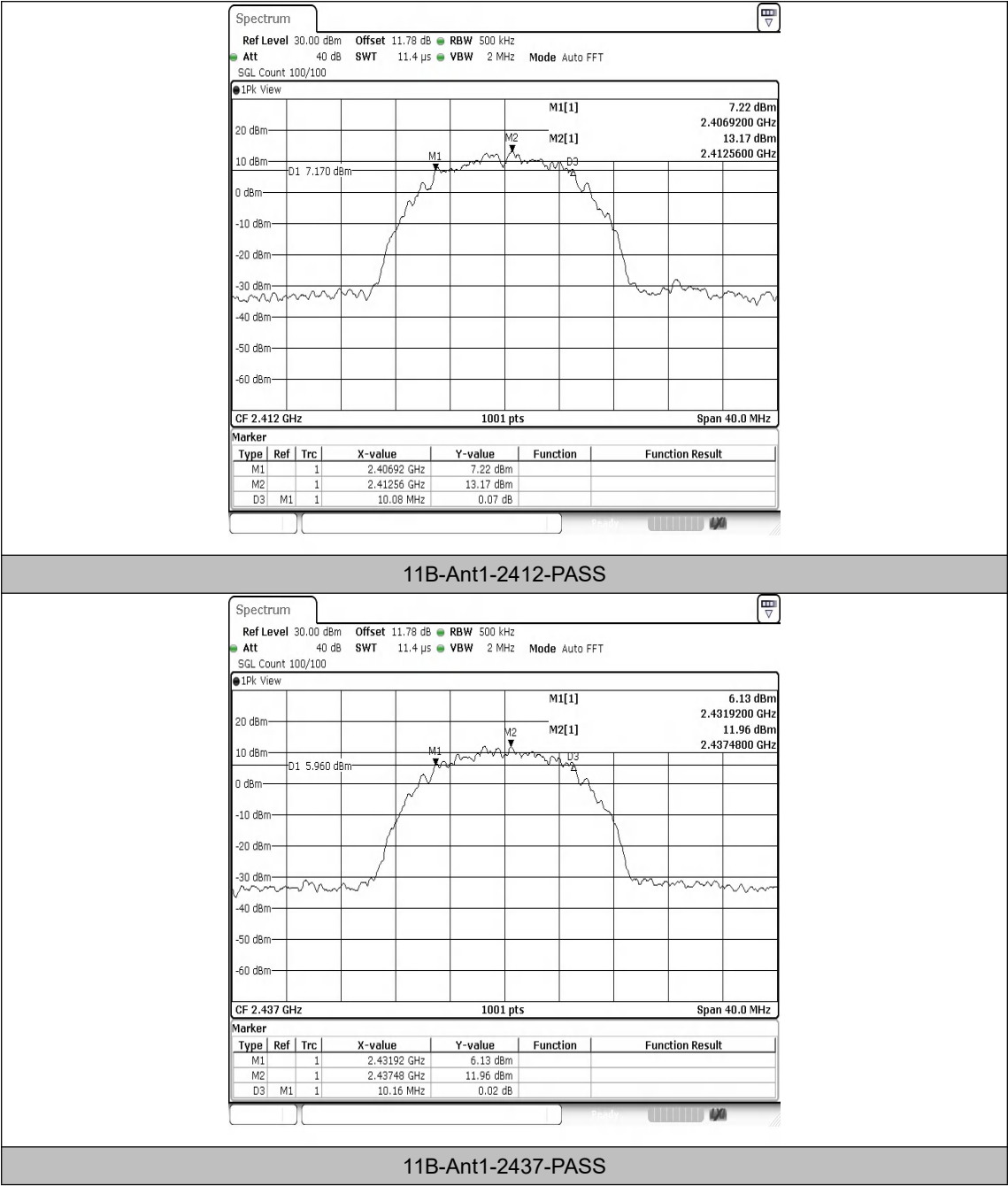
Appendix A: DTS Bandwidth

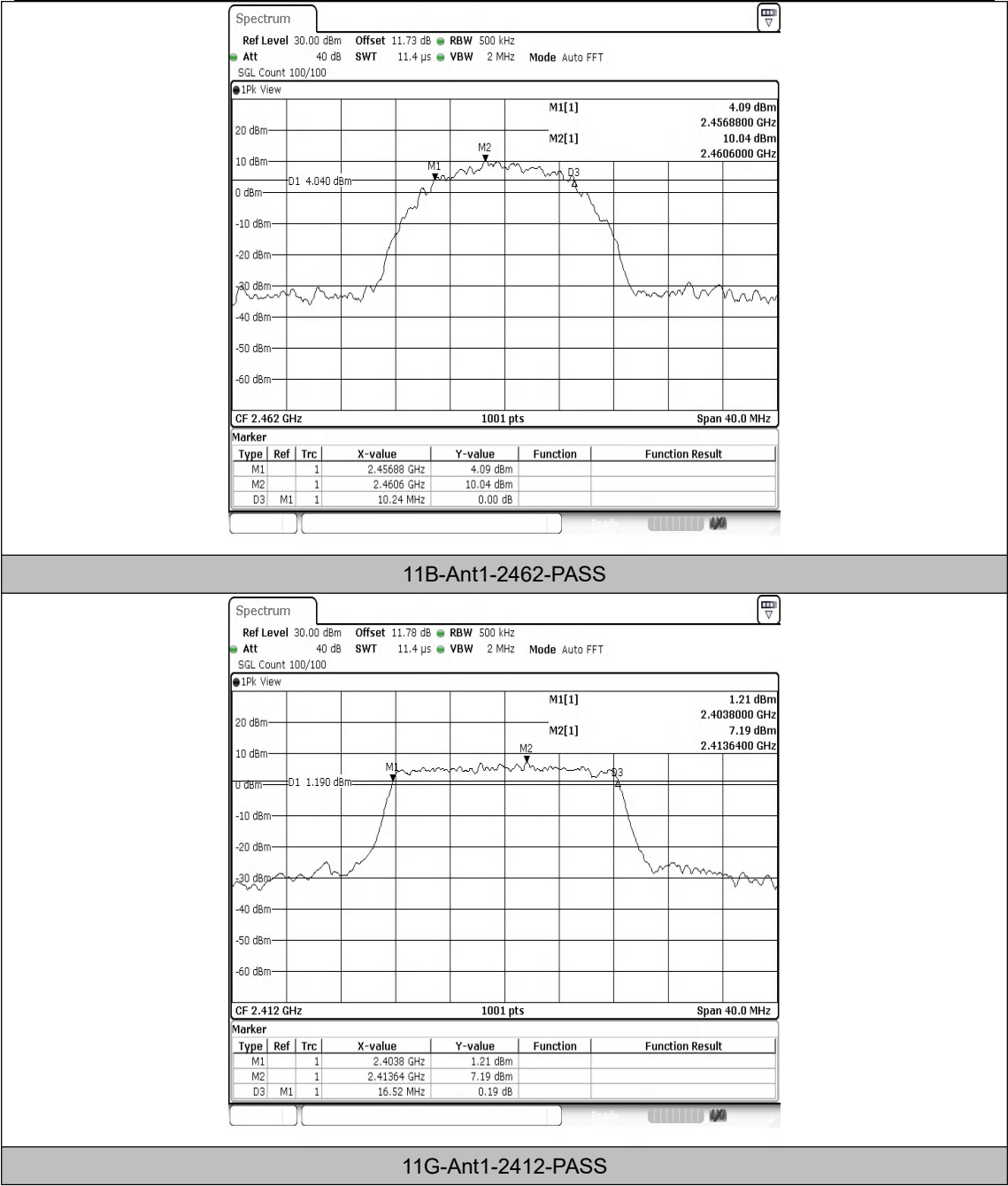
Test Result

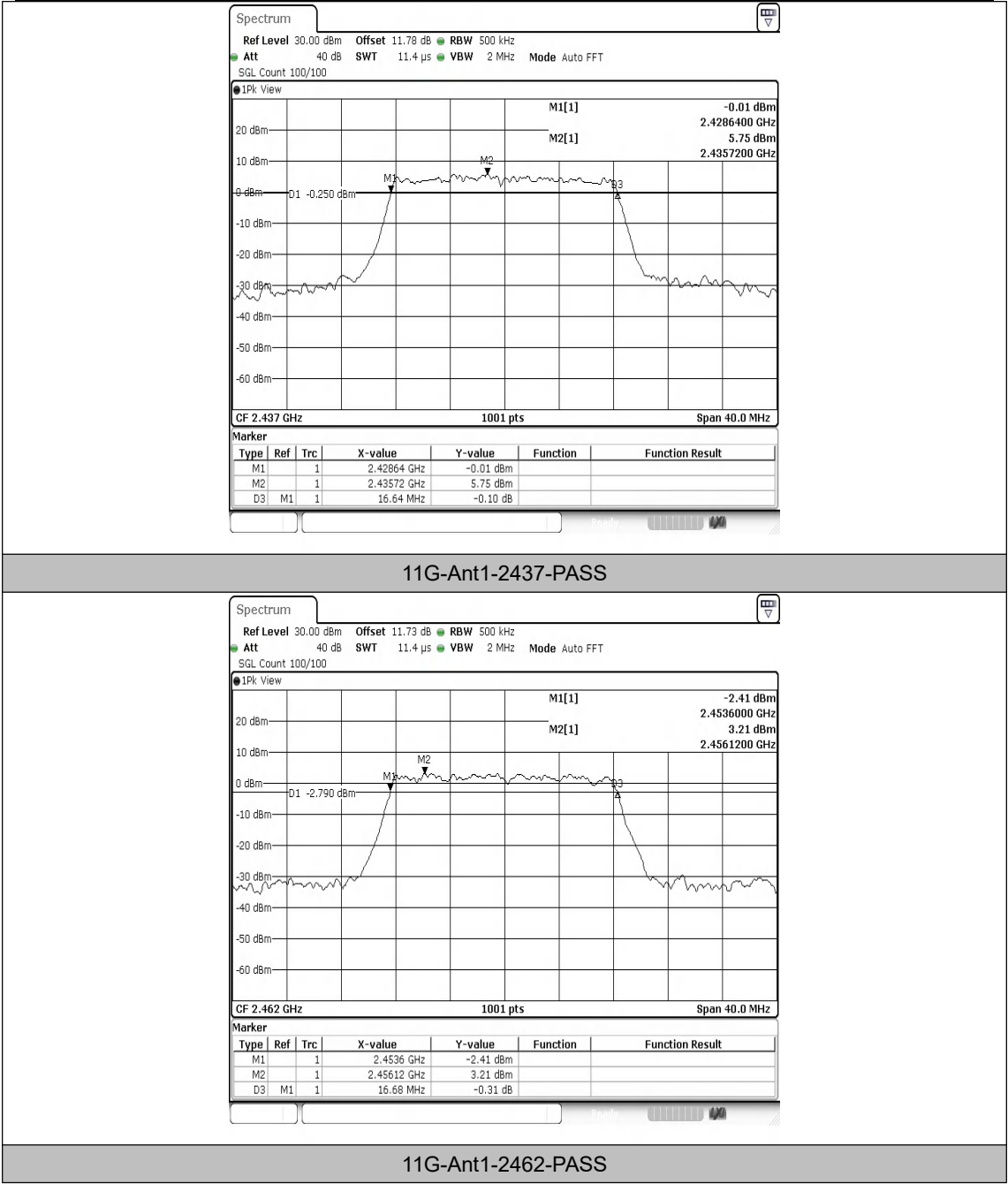
Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.08	2406.92	2417.00	0.5	PASS
11B	Ant1	2437	10.16	2431.92	2442.08	0.5	PASS
11B	Ant1	2462	10.24	2456.88	2467.12	0.5	PASS
11G	Ant1	2412	16.52	2403.80	2420.32	0.5	PASS
11G	Ant1	2437	16.64	2428.64	2445.28	0.5	PASS
11G	Ant1	2462	16.68	2453.60	2470.28	0.5	PASS
11N20SISO	Ant1	2412	17.60	2403.24	2420.84	0.5	PASS
11N20SISO	Ant1	2437	17.64	2428.12	2445.76	0.5	PASS
11N20SISO	Ant1	2462	17.44	2453.20	2470.64	0.5	PASS
11N40SISO	Ant1	2422	35.36	2404.08	2439.44	0.5	PASS
11N40SISO	Ant1	2437	35.60	2419.08	2454.68	0.5	PASS
11N40SISO	Ant1	2452	36.08	2433.92	2470.00	0.5	PASS

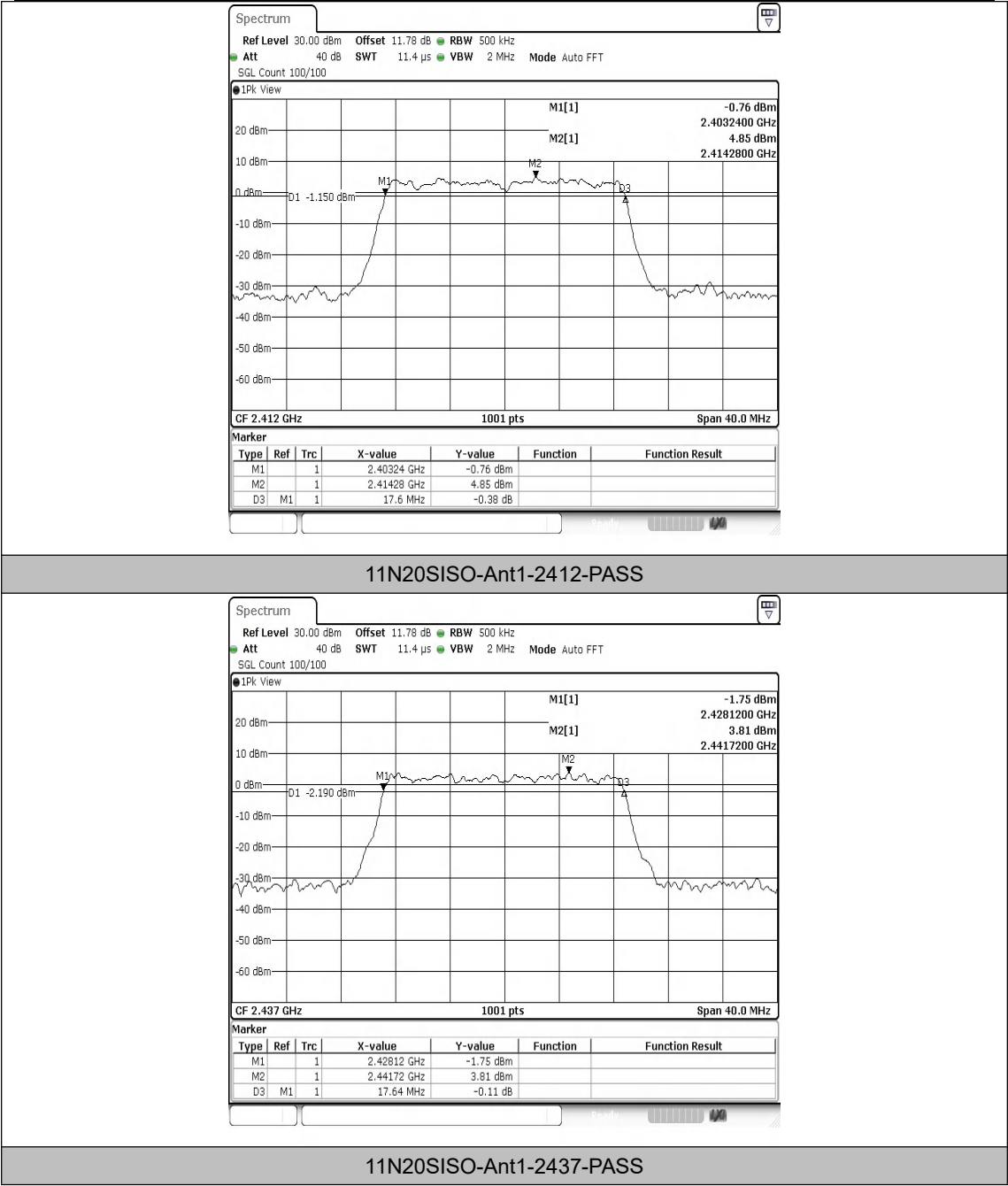


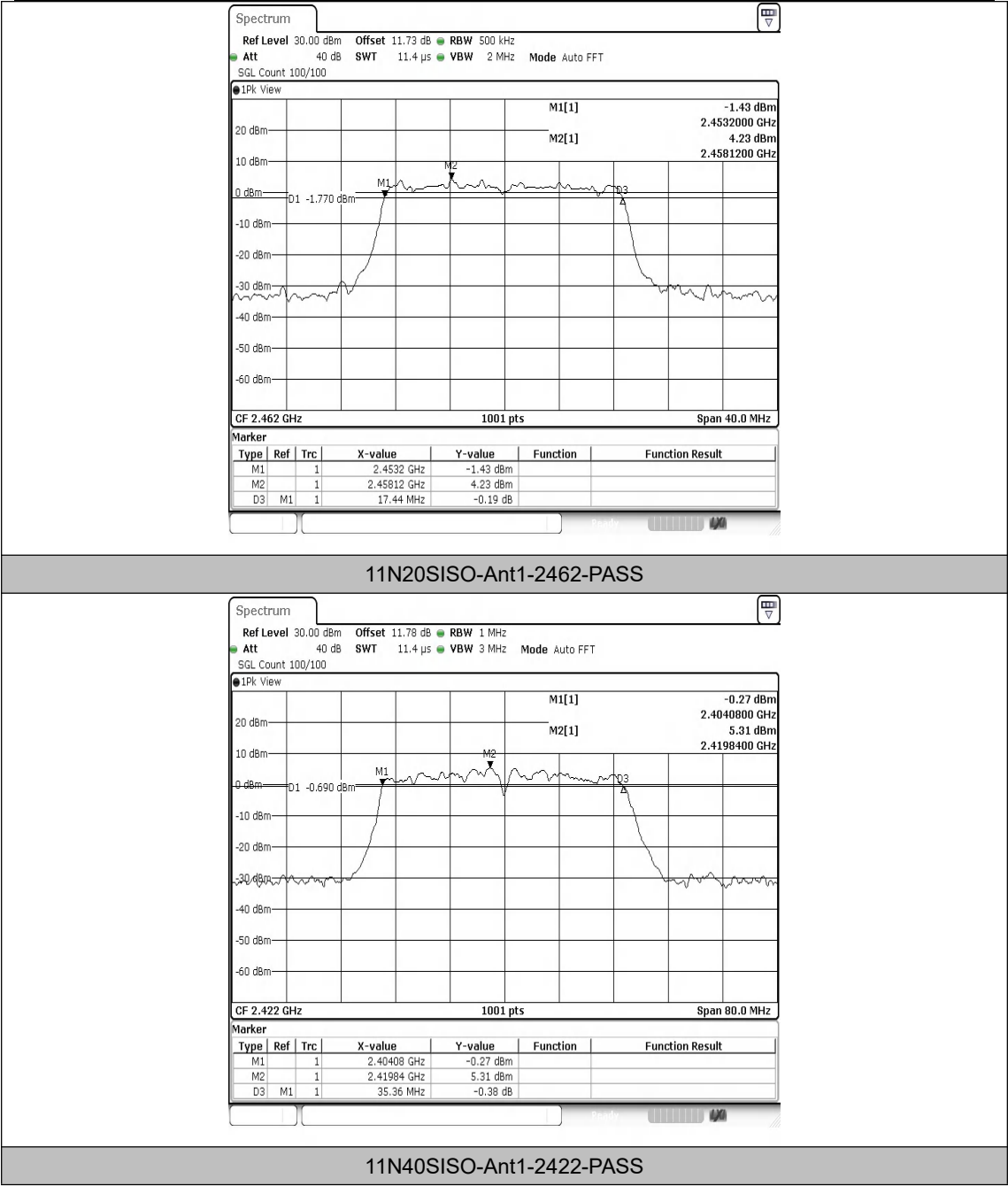
Test Graphs

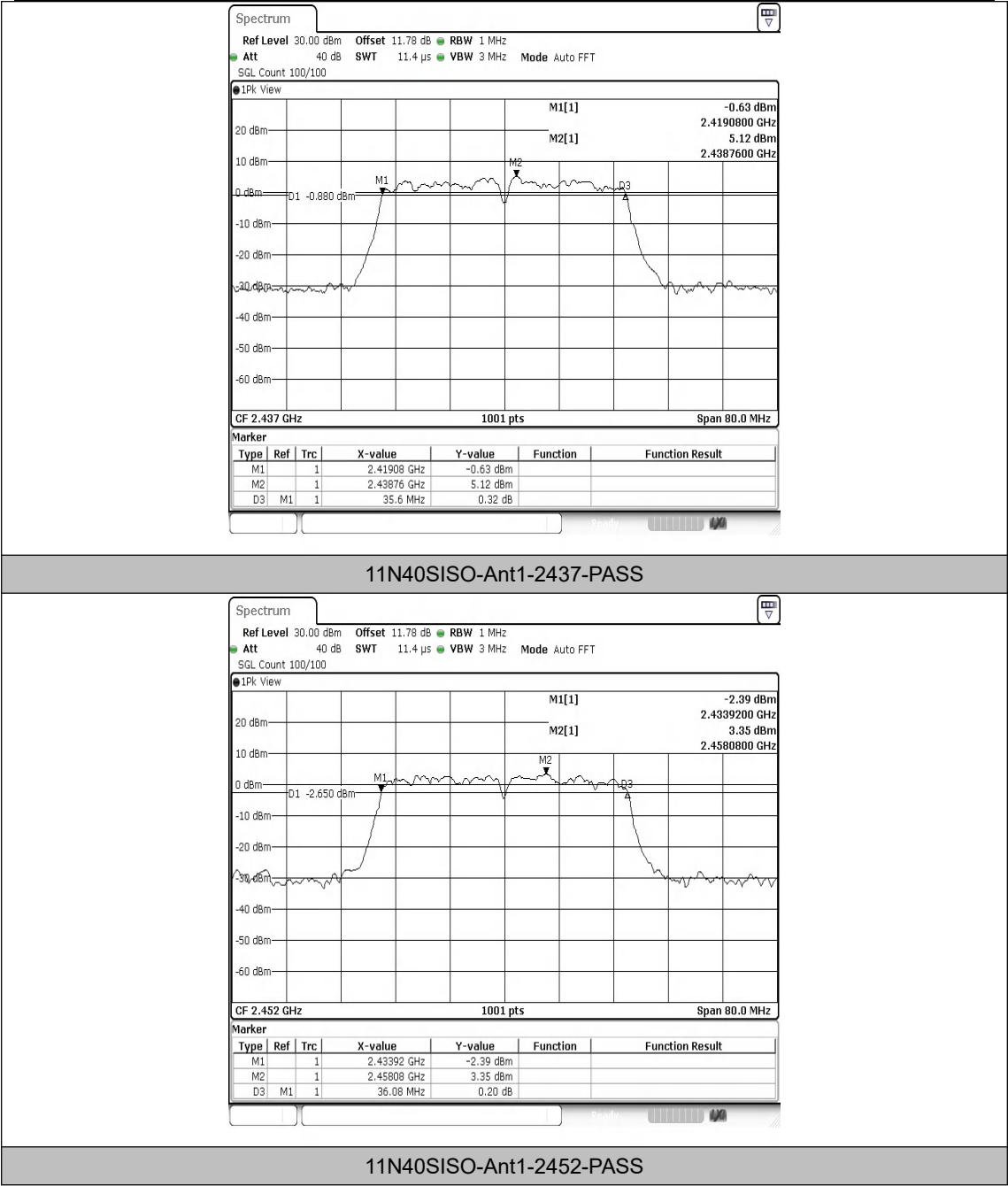












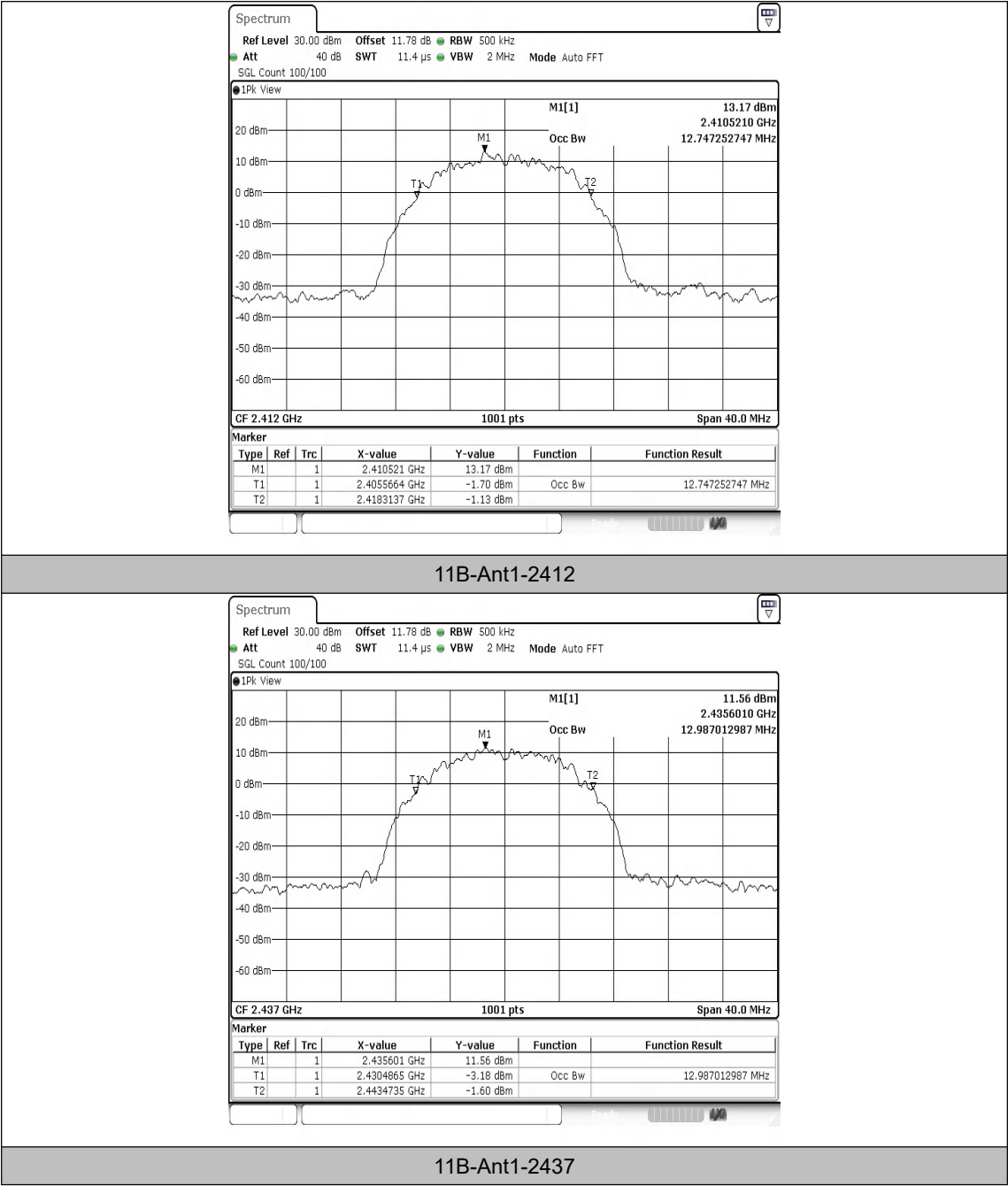
Appendix B: Occupied Channel Bandwidth

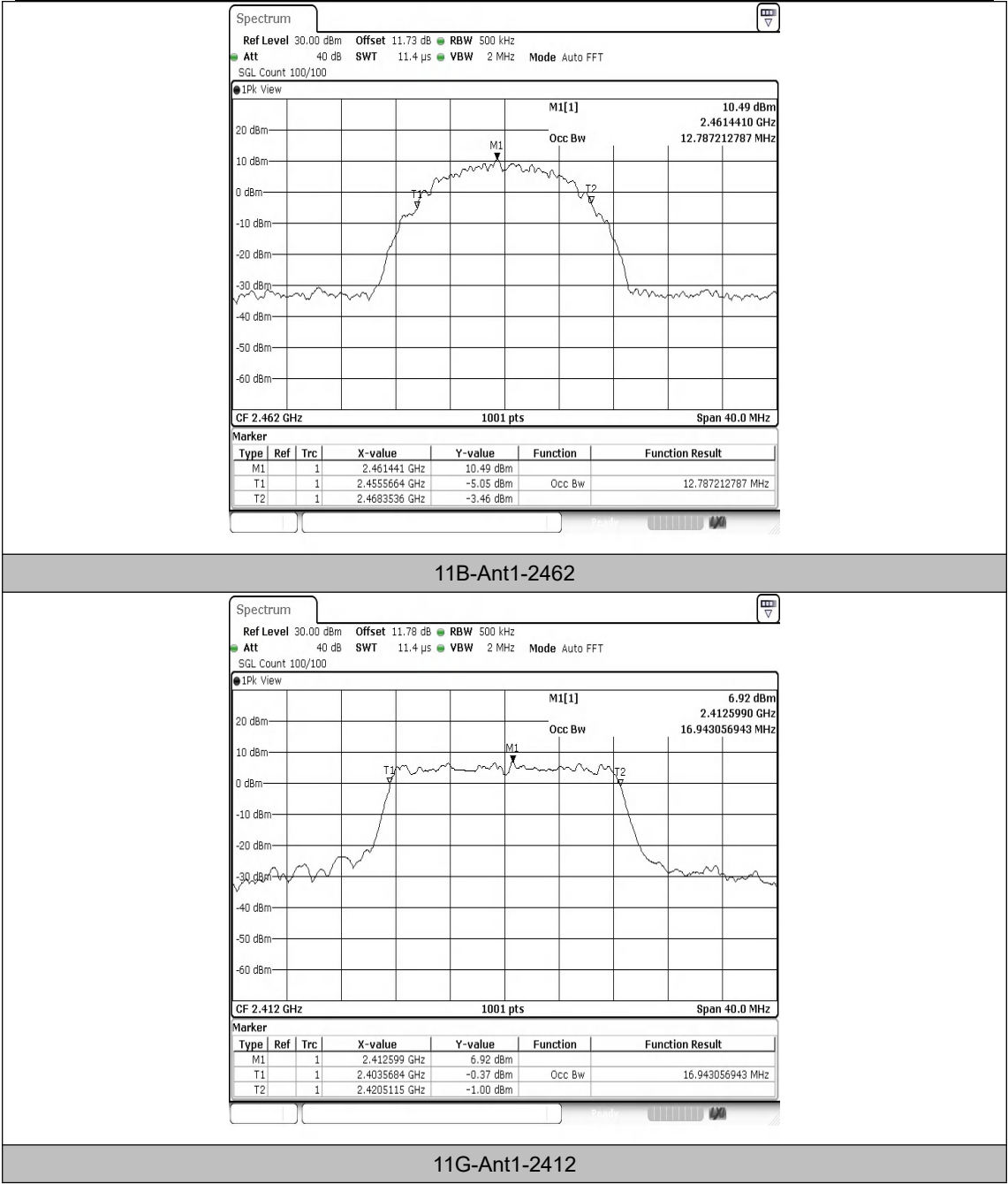
Test Result

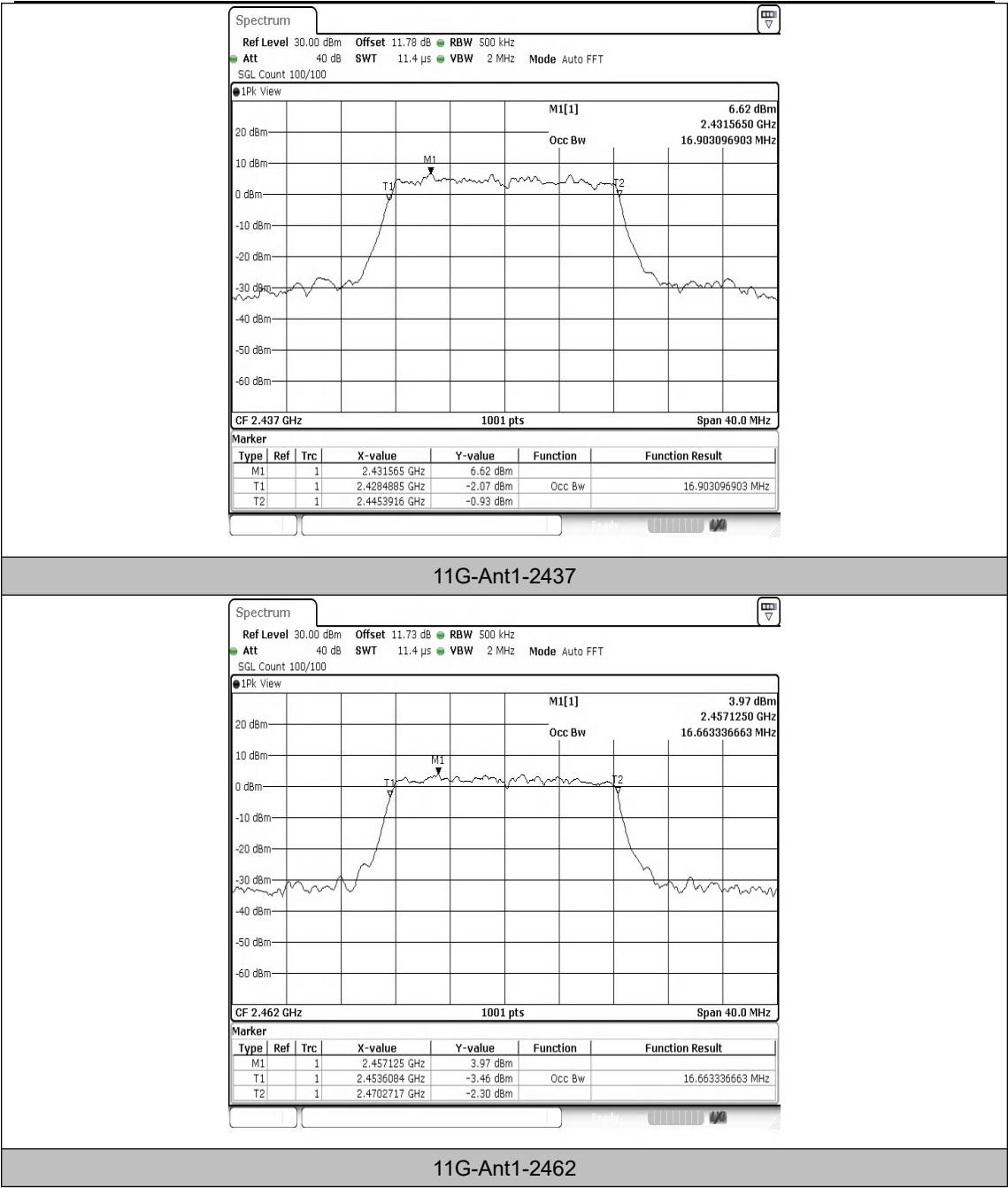
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.747	2405.5664	2418.3137	---	---
11B	Ant1	2437	12.987	2430.4865	2443.4735	---	---
11B	Ant1	2462	12.787	2455.5664	2468.3536	---	---
11G	Ant1	2412	16.943	2403.5684	2420.5115	---	---
11G	Ant1	2437	16.903	2428.4885	2445.3916	---	---
11G	Ant1	2462	16.663	2453.6084	2470.2717	---	---
11N20SISO	Ant1	2412	17.702	2403.1289	2420.8312	---	---
11N20SISO	Ant1	2437	17.742	2428.0490	2445.7912	---	---
11N20SISO	Ant1	2462	17.622	2453.1688	2470.7912	---	---
11N40SISO	Ant1	2422	35.964	2403.9381	2439.9021	---	---
11N40SISO	Ant1	2437	36.044	2418.9381	2454.9820	---	---
11N40SISO	Ant1	2452	35.964	2433.9381	2469.9021	---	---

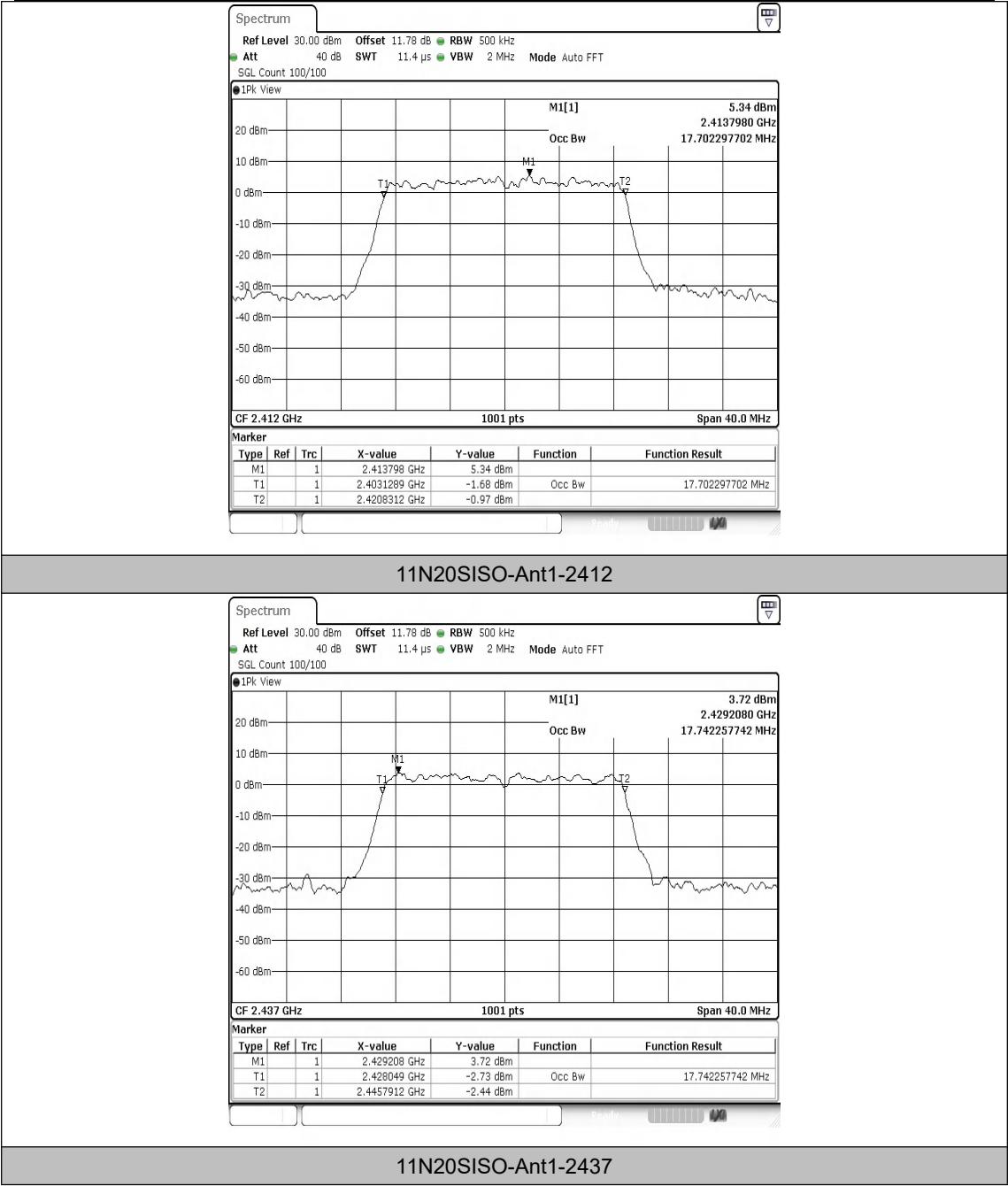


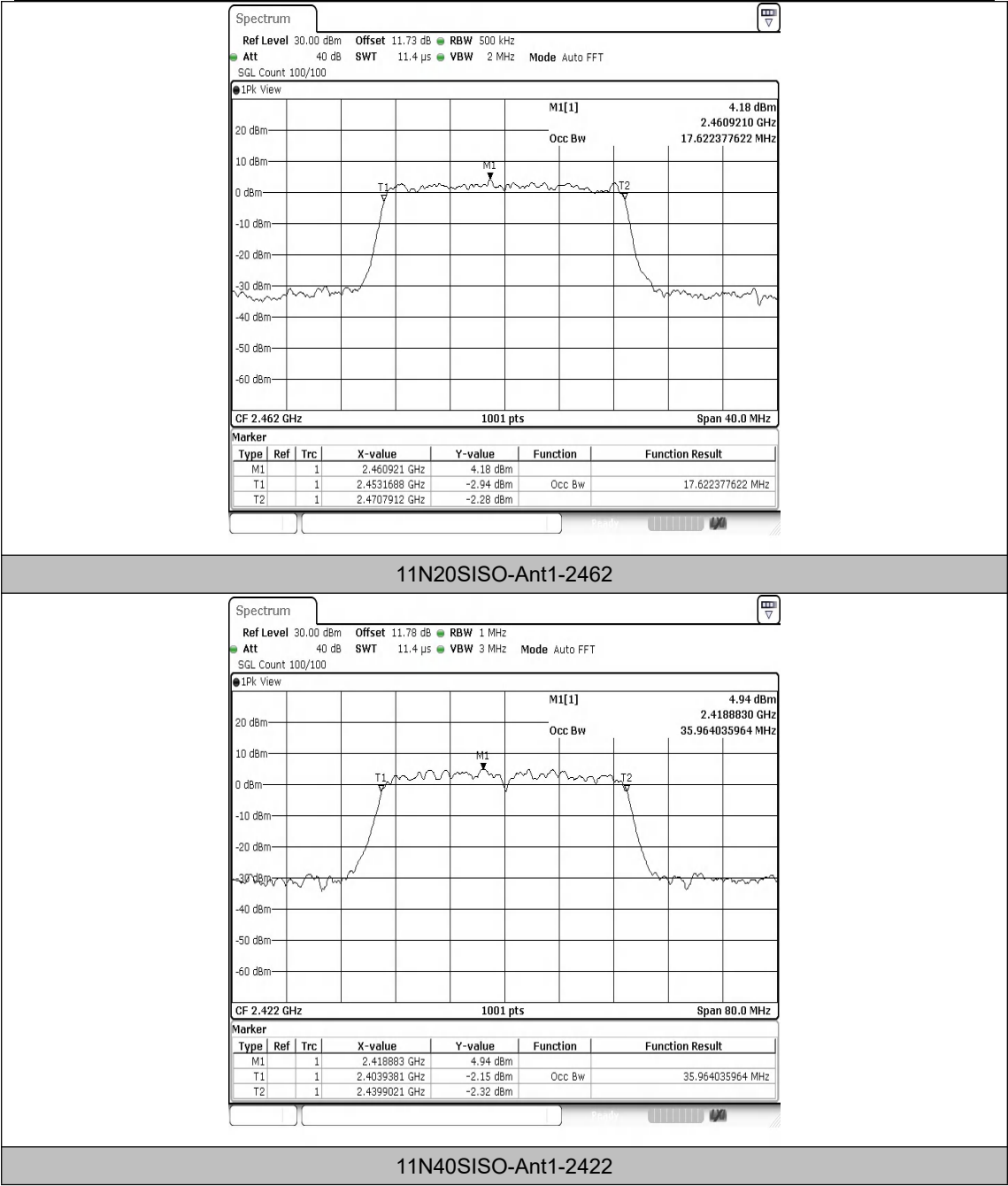
Test Graphs

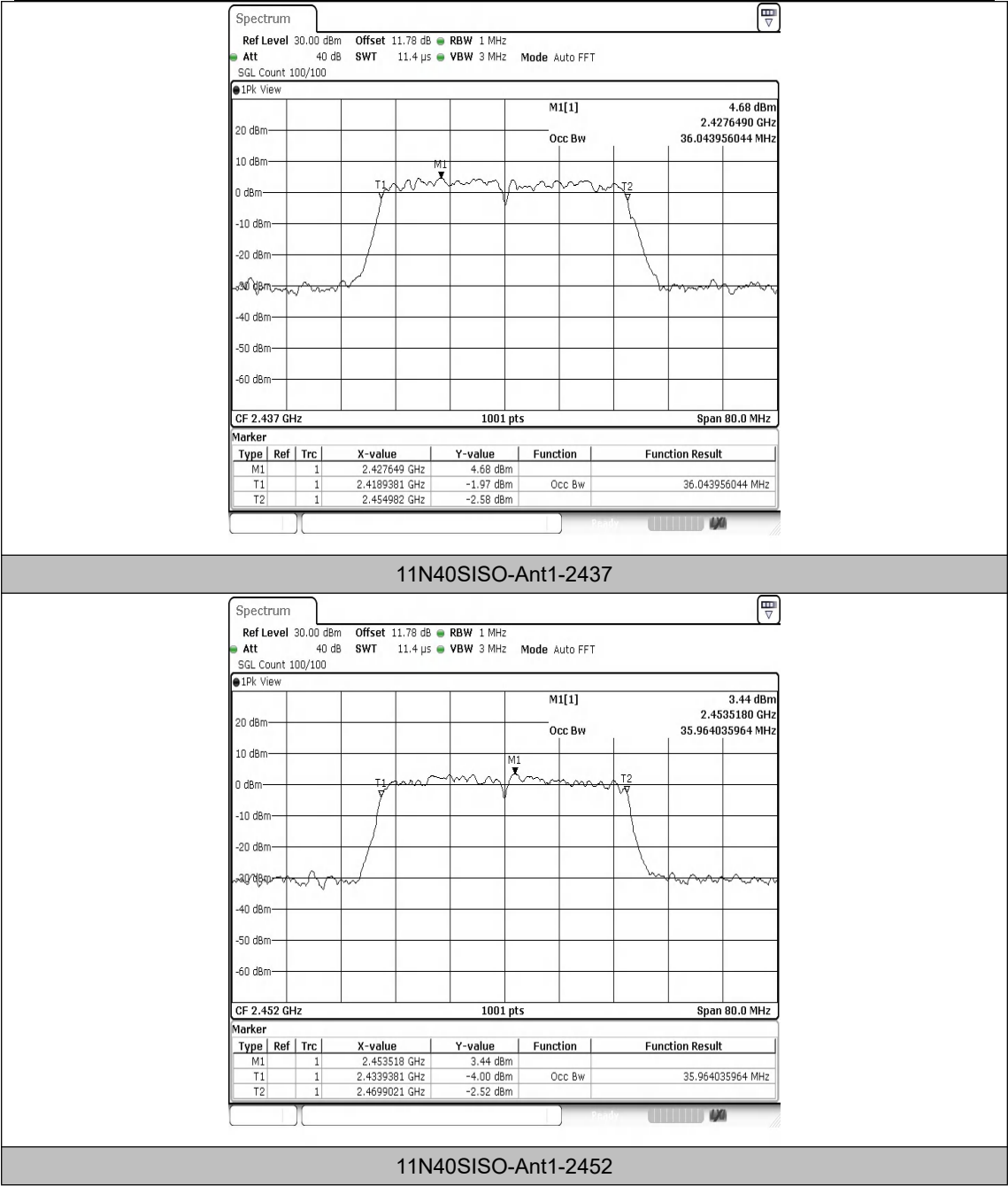












Appendix C: Maximum conducted output power

Test Result Average

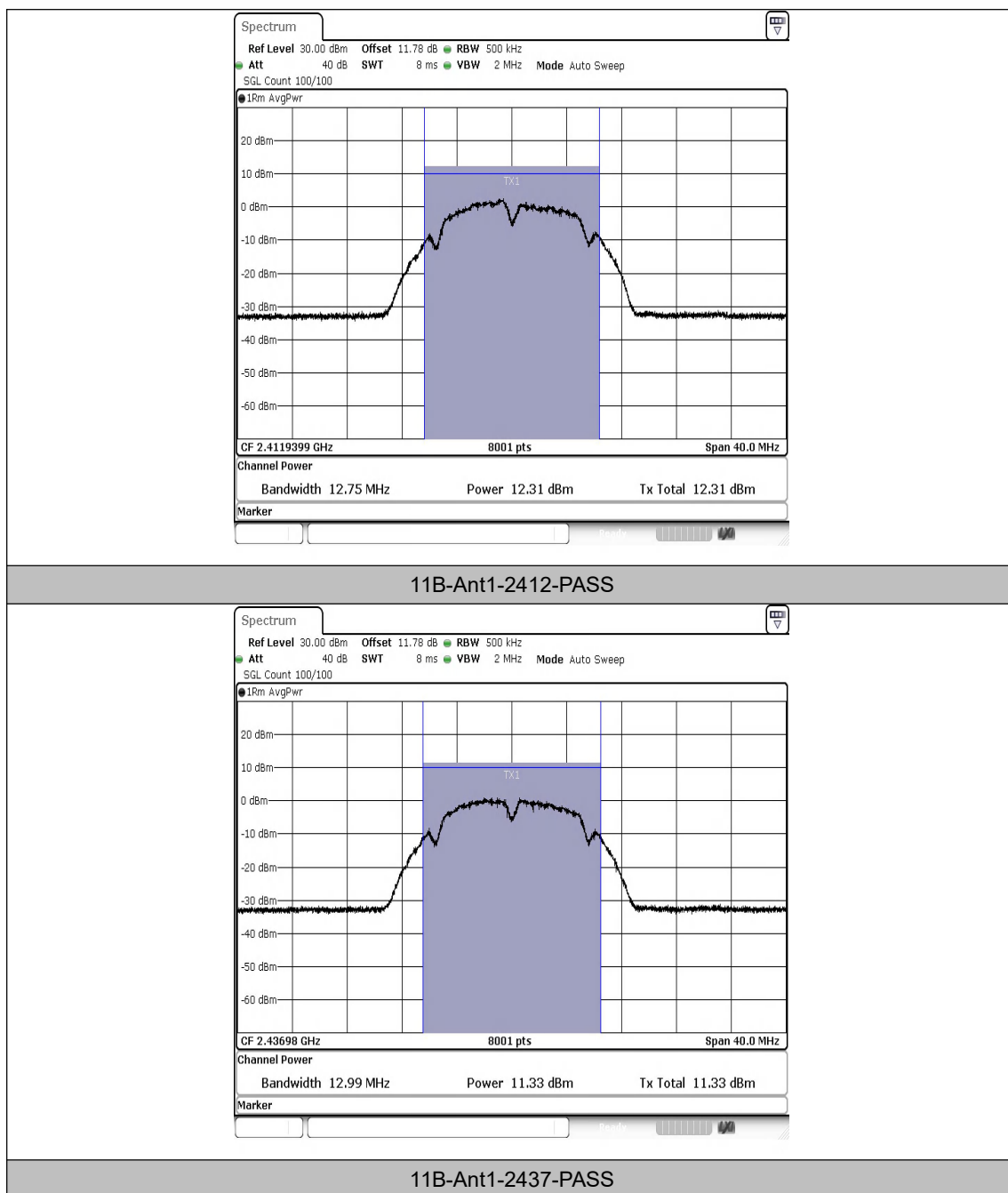
Test Mode	Antenna	Frequency [MHz]	Set Power	Average power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	NA	12.31	32.42	4.89	17.20	≤30.00	PASS
11B	Ant1	2437	NA	11.33	32.42	4.89	16.22	≤30.00	PASS
11B	Ant1	2462	NA	9.33	32.42	4.89	14.22	≤30.00	PASS
11G	Ant1	2412	NA	9.58	32.60	4.87	14.45	≤30.00	PASS
11G	Ant1	2437	NA	8.63	32.60	4.87	13.50	≤30.00	PASS
11G	Ant1	2462	NA	6.66	32.22	4.92	11.58	≤30.00	PASS
11N20SISO	Ant1	2412	NA	8.32	31.46	5.02	13.34	≤30.00	PASS
11N20SISO	Ant1	2437	NA	7.35	31.46	5.02	12.37	≤30.00	PASS
11N20SISO	Ant1	2462	NA	5.85	31.28	5.05	10.90	≤30.00	PASS
11N40SISO	Ant1	2422	NA	7.49	32.04	4.94	12.43	≤30.00	PASS
11N40SISO	Ant1	2437	NA	7.03	32.04	4.94	11.97	≤30.00	PASS
11N40SISO	Ant1	2452	NA	6.11	32.22	4.92	11.03	≤30.00	PASS

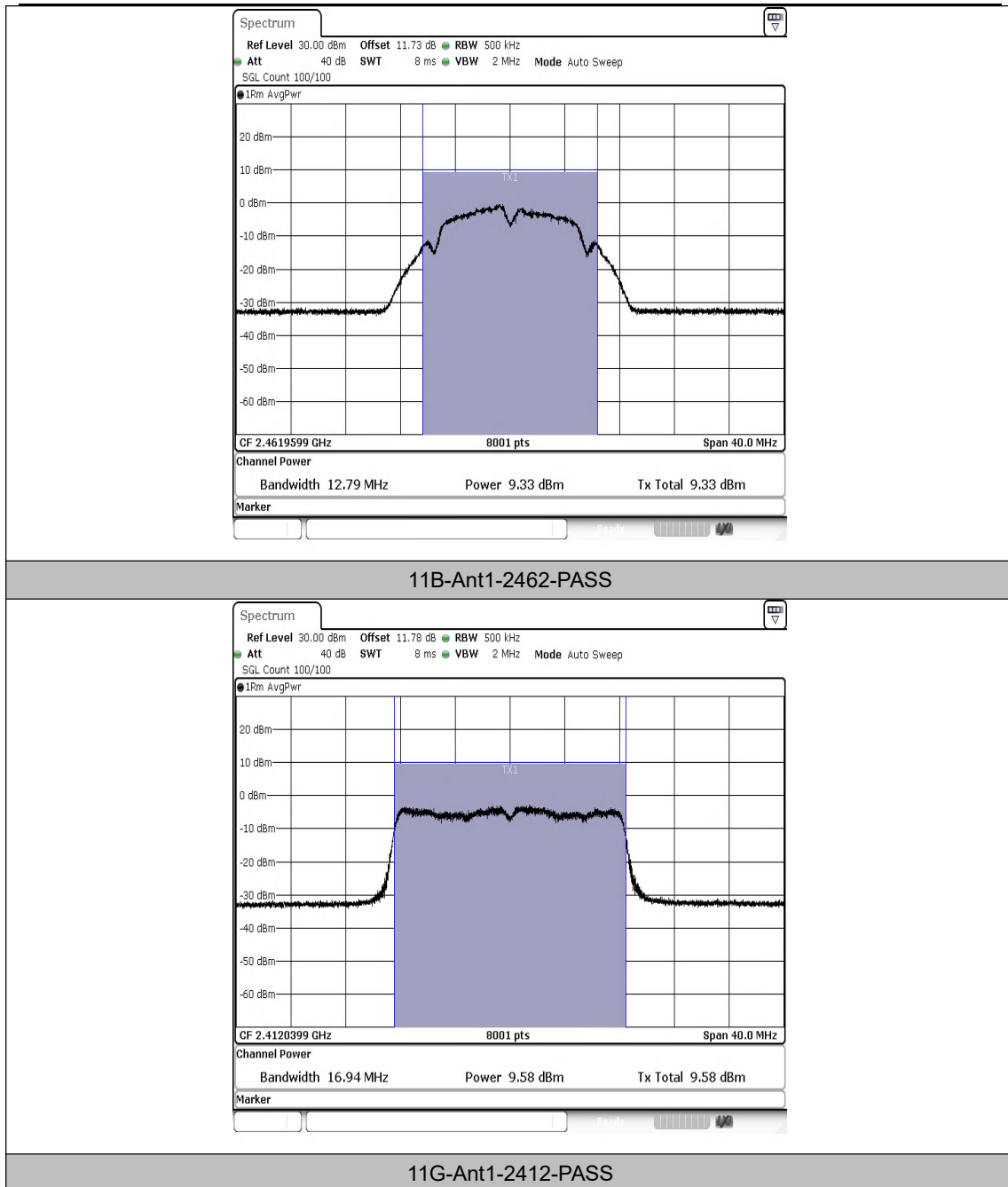
Note:

1. The cable loss are compensated in the graph



Test Graphs Average



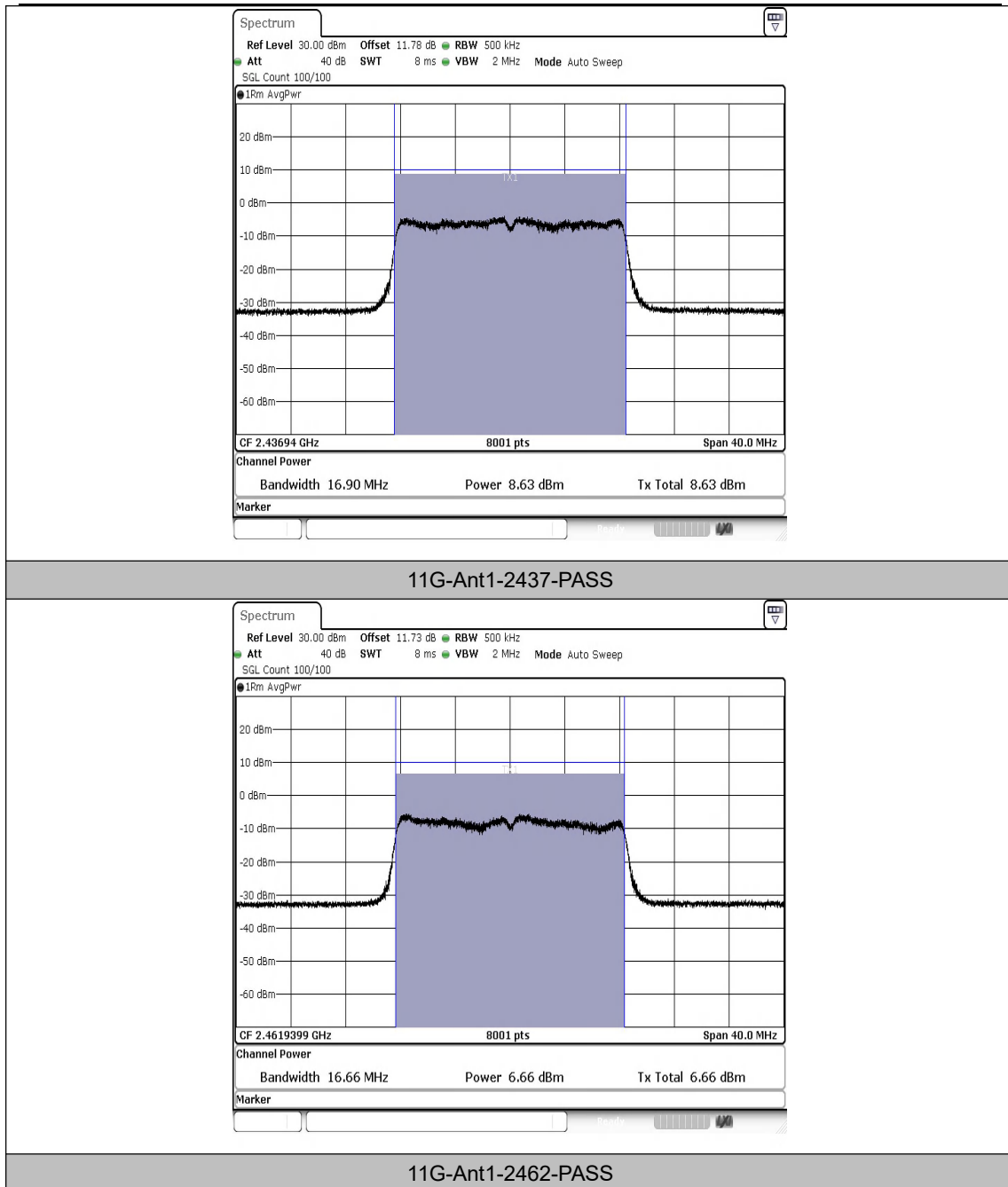


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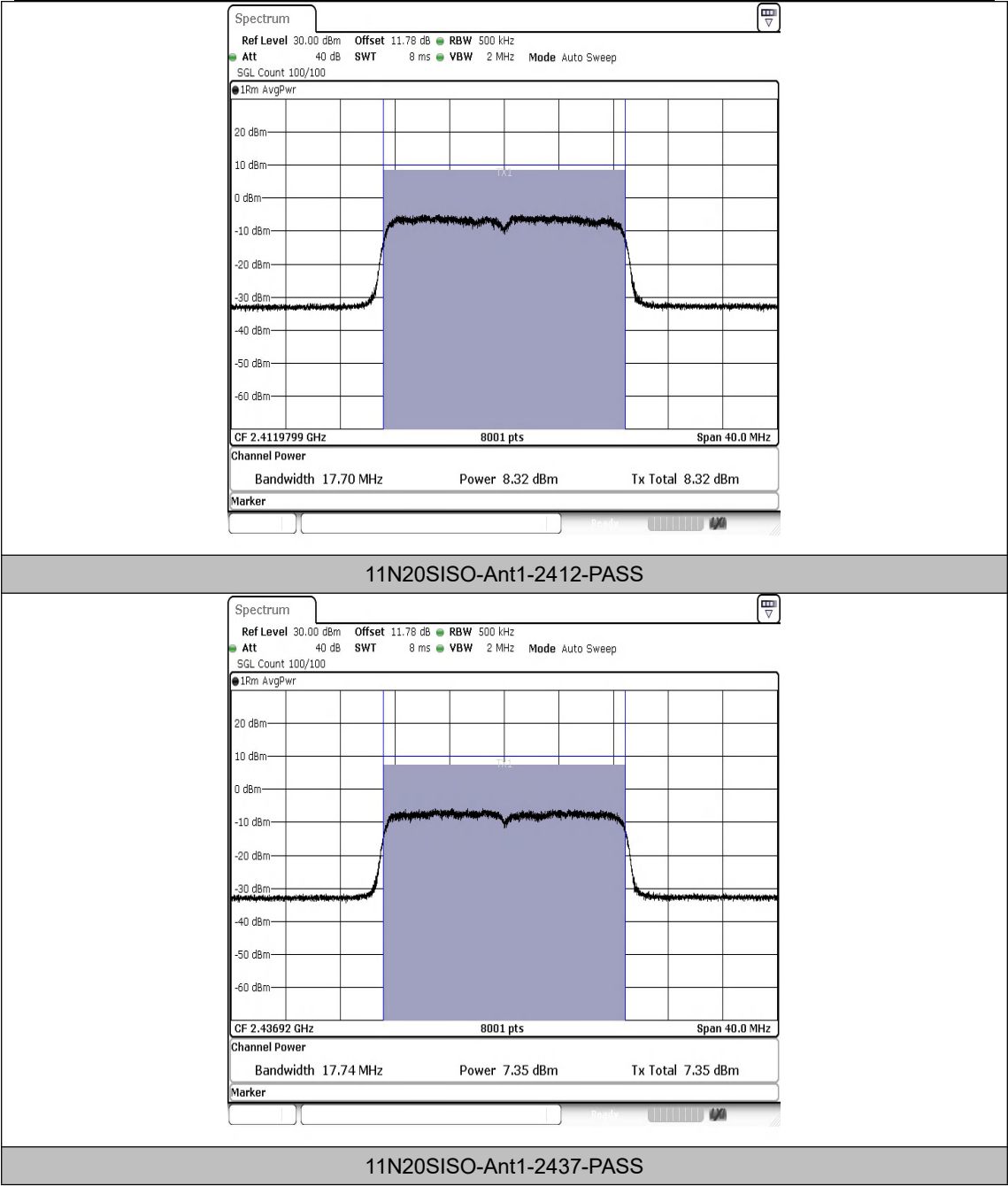


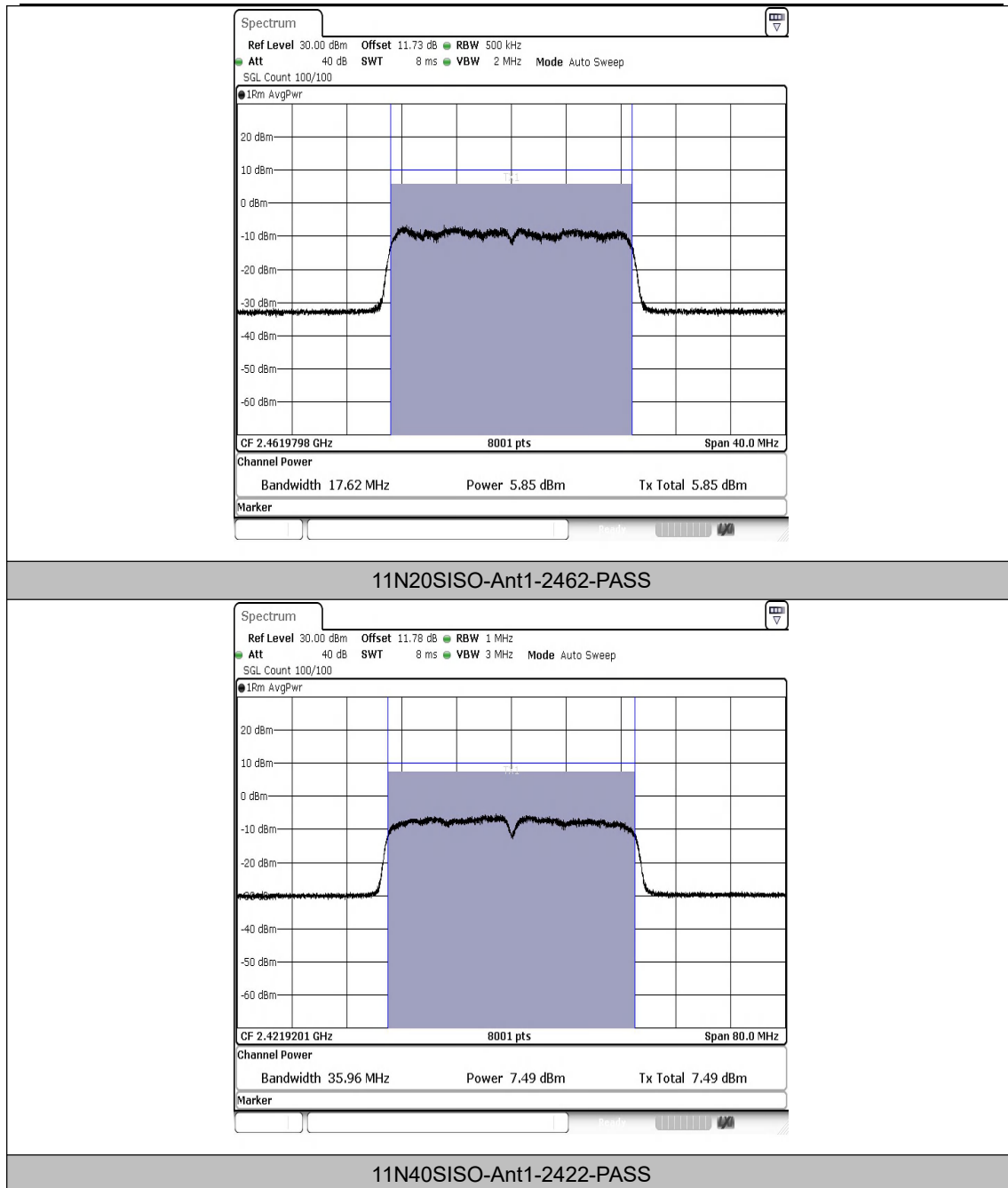
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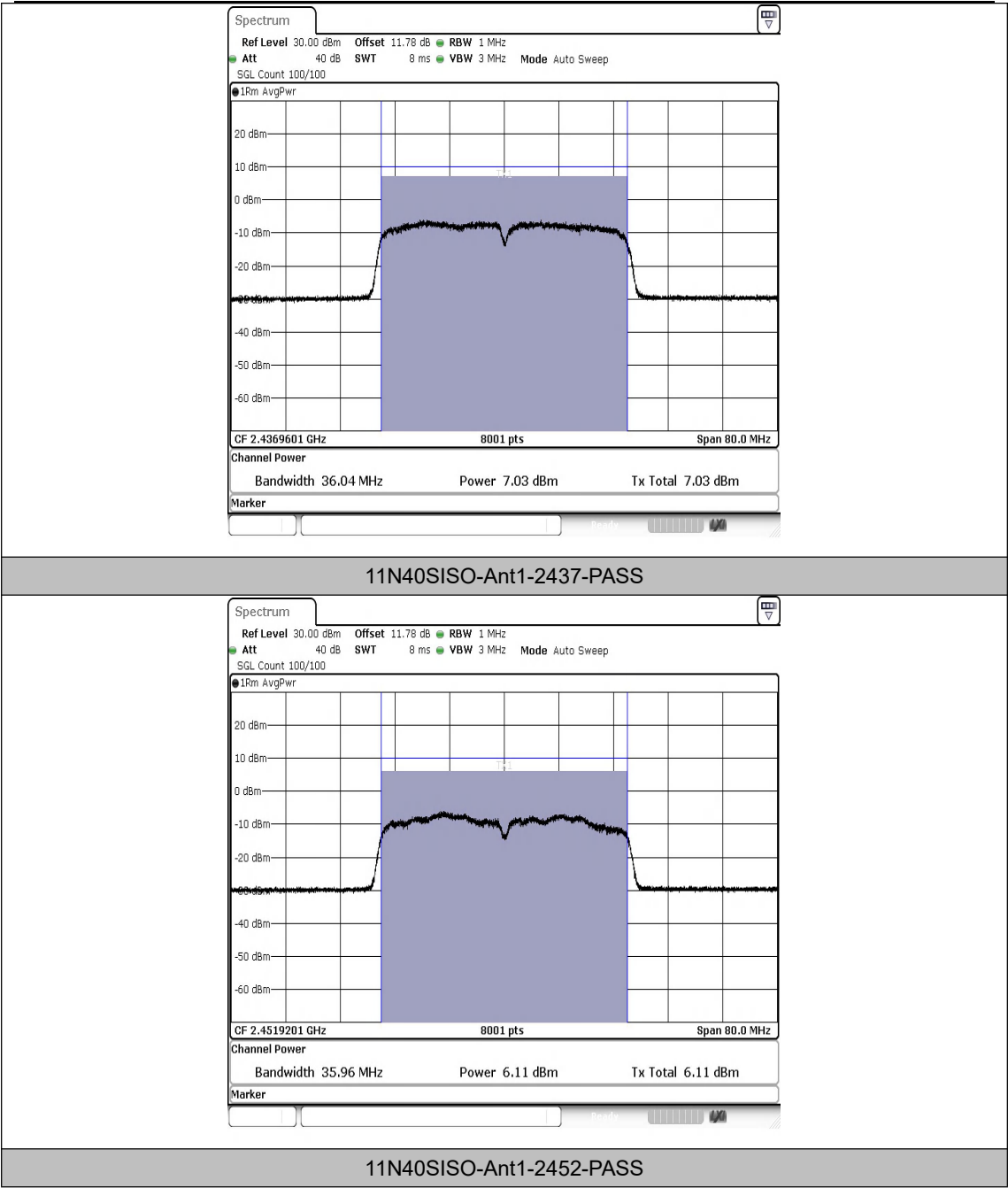


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Appendix D: Maximum power spectral density

Test Result

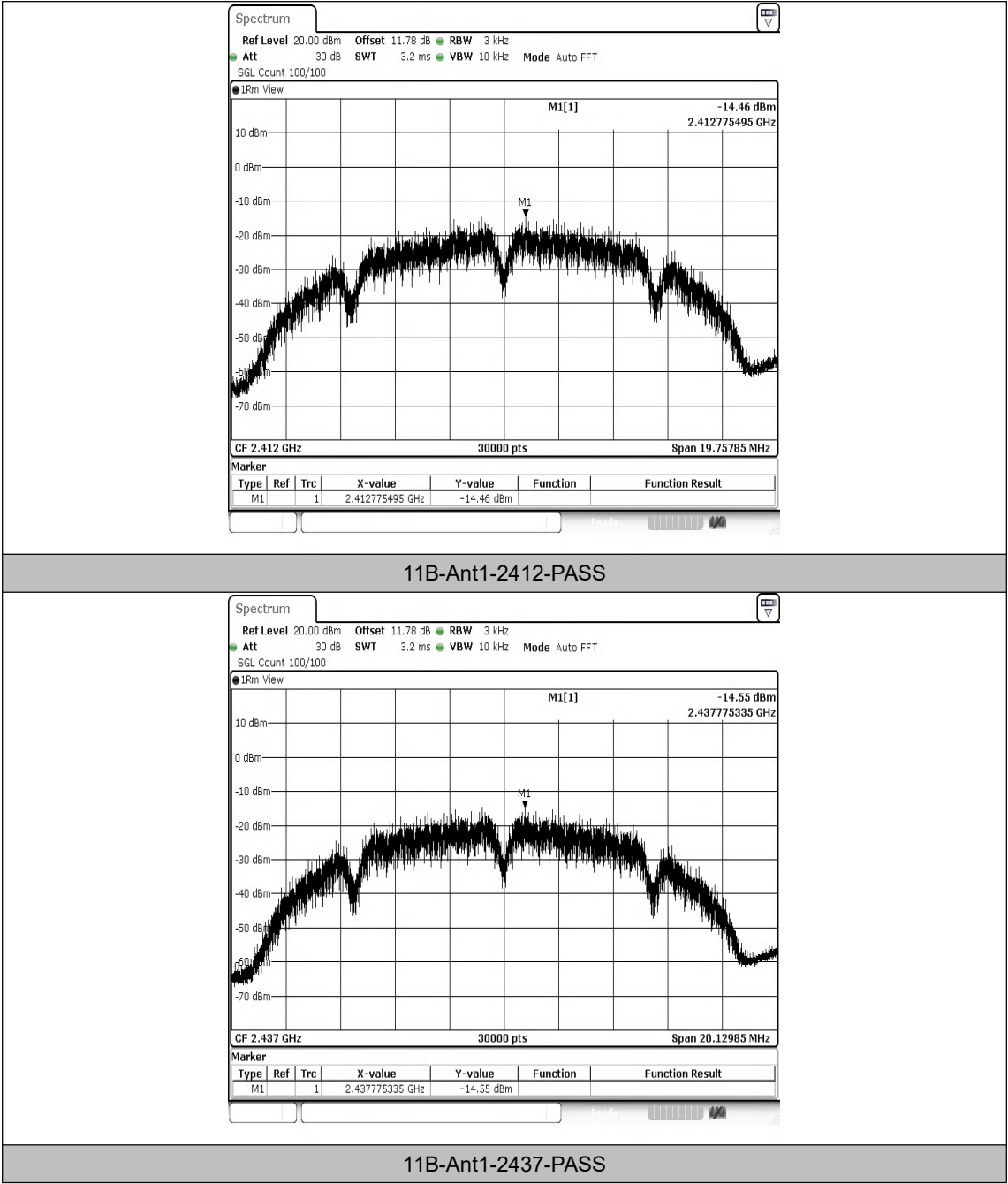
TestMode	Antenna	Frequency [MHz]	Reading Result [dBm/3kHz]	DC Factor [dB]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-14.46	4.89	-9.57	≤8.00	PASS
11B	Ant1	2437	-14.55	4.89	-9.66	≤8.00	PASS
11B	Ant1	2462	-16.46	4.89	-11.57	≤8.00	PASS
11G	Ant1	2412	-19.64	4.87	-14.77	≤8.00	PASS
11G	Ant1	2437	-20.71	4.87	-15.84	≤8.00	PASS
11G	Ant1	2462	-22.72	4.92	-17.80	≤8.00	PASS
11N20SISO	Ant1	2412	-19.65	5.02	-14.63	≤8.00	PASS
11N20SISO	Ant1	2437	-22.84	5.02	-17.82	≤8.00	PASS
11N20SISO	Ant1	2462	-23.38	5.05	-18.33	≤8.00	PASS
11N40SISO	Ant1	2422	-24.16	4.94	-19.22	≤8.00	PASS
11N40SISO	Ant1	2437	-24.01	4.94	-19.07	≤8.00	PASS
11N40SISO	Ant1	2452	-24.51	4.92	-19.59	≤8.00	PASS

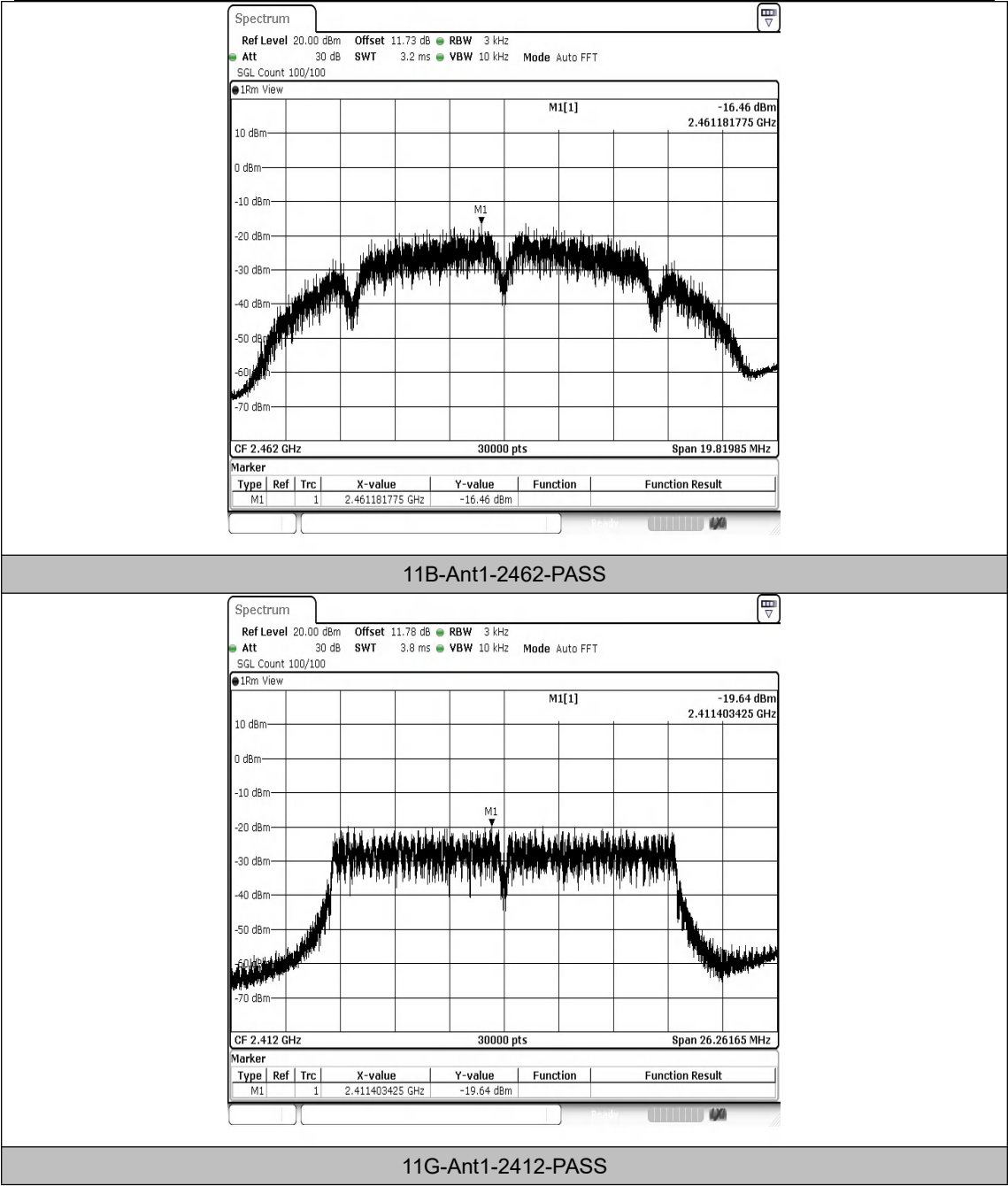
Note:

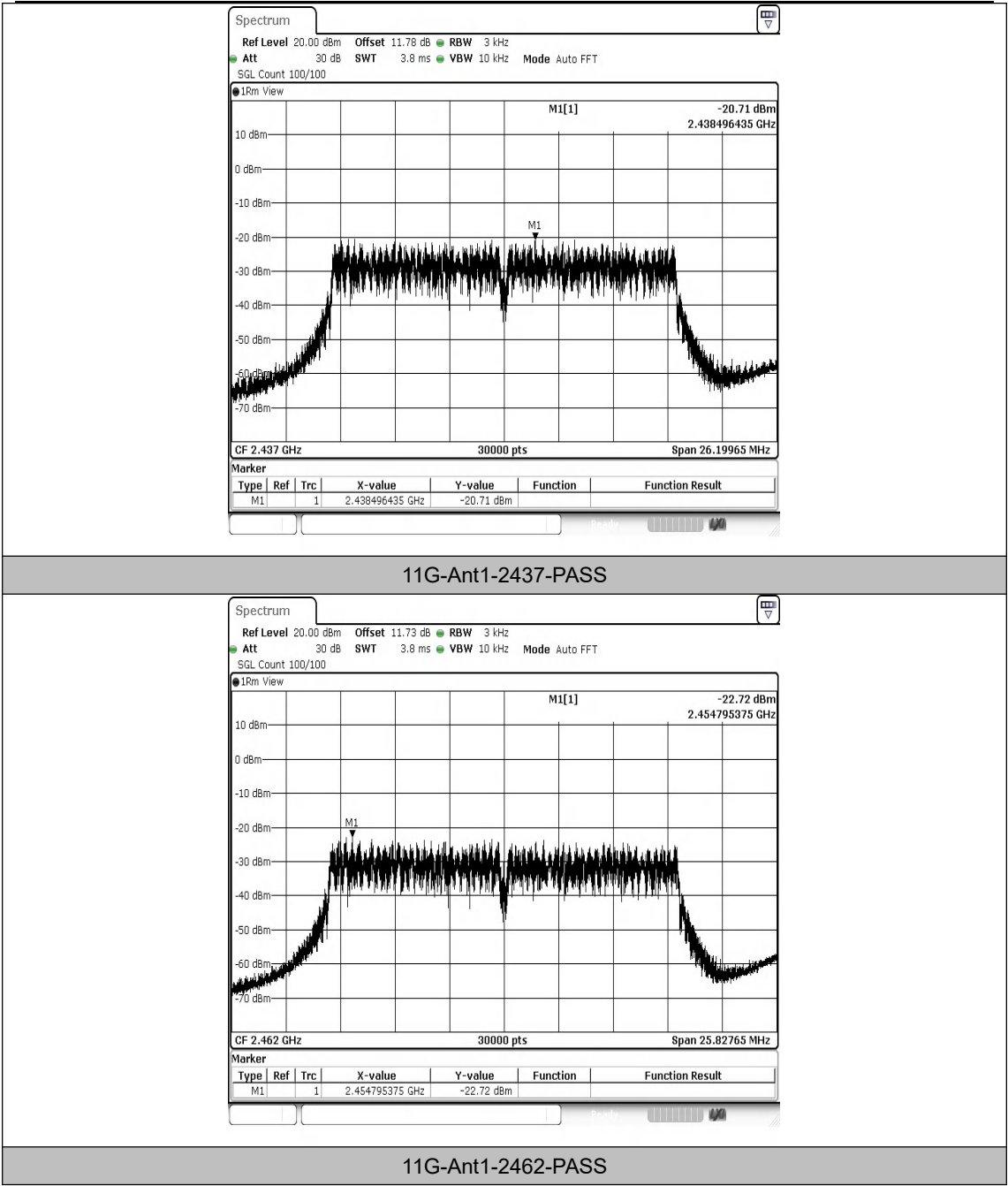
1. The cable loss are compensated in the graph.

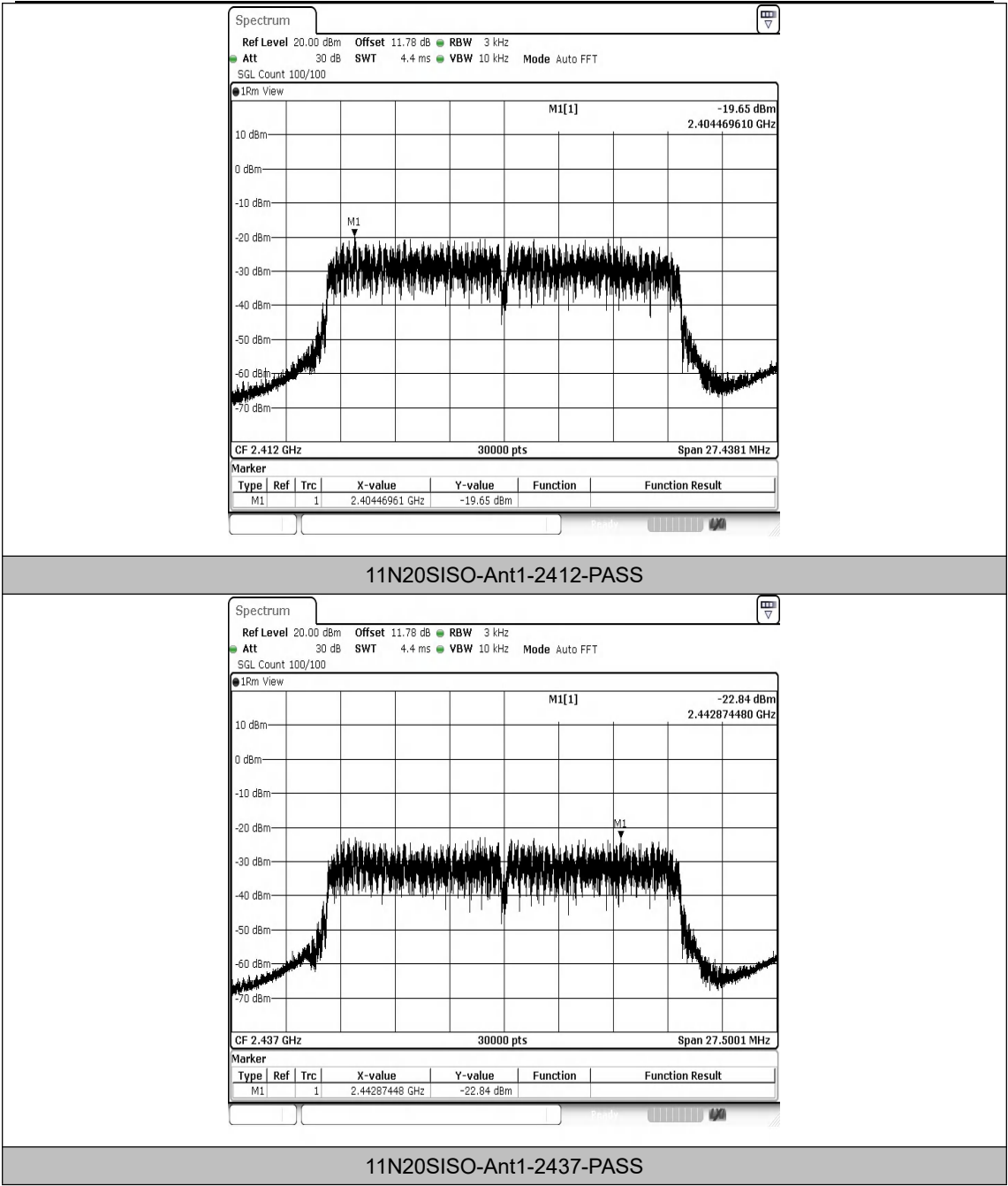


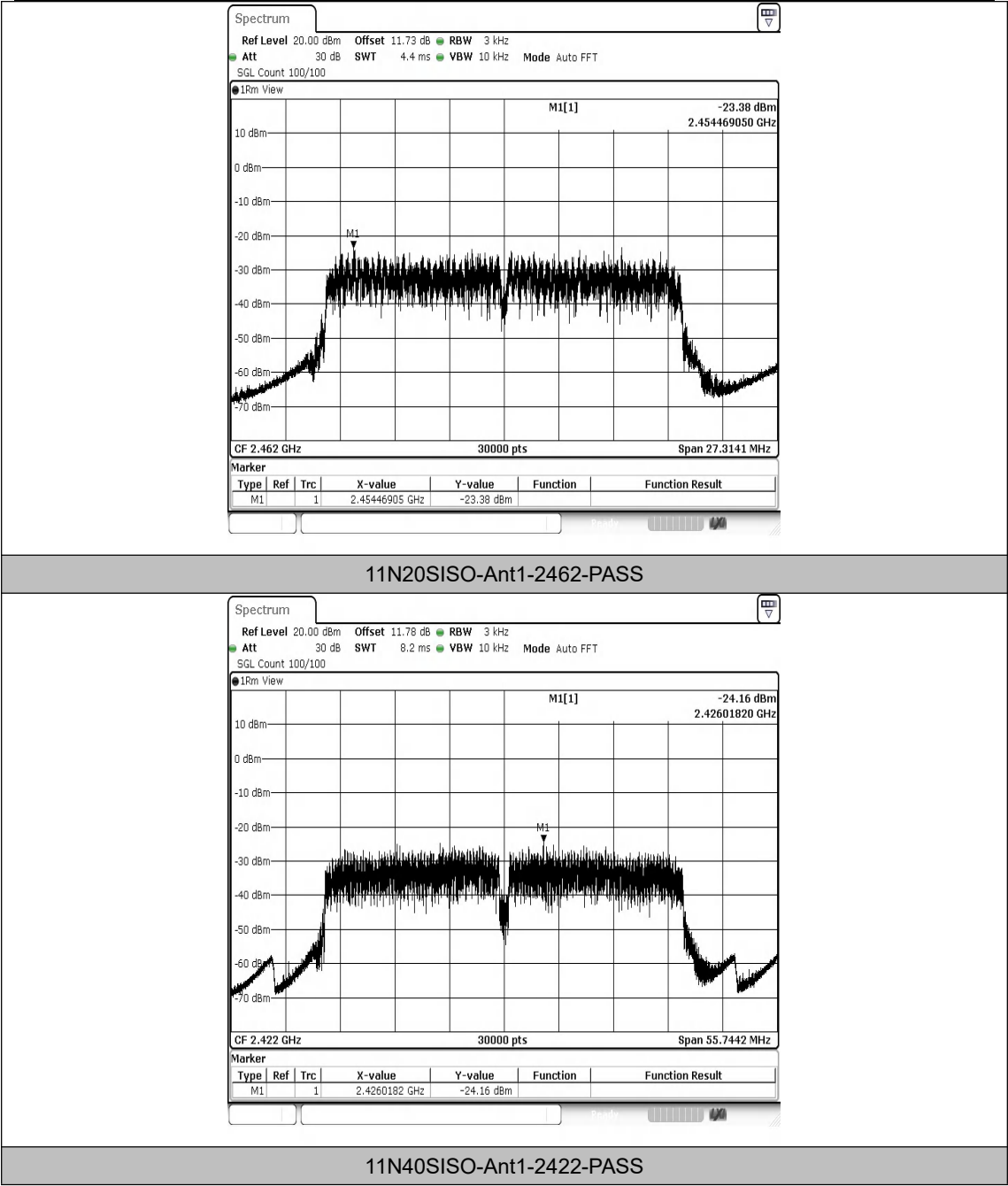
Test Graphs

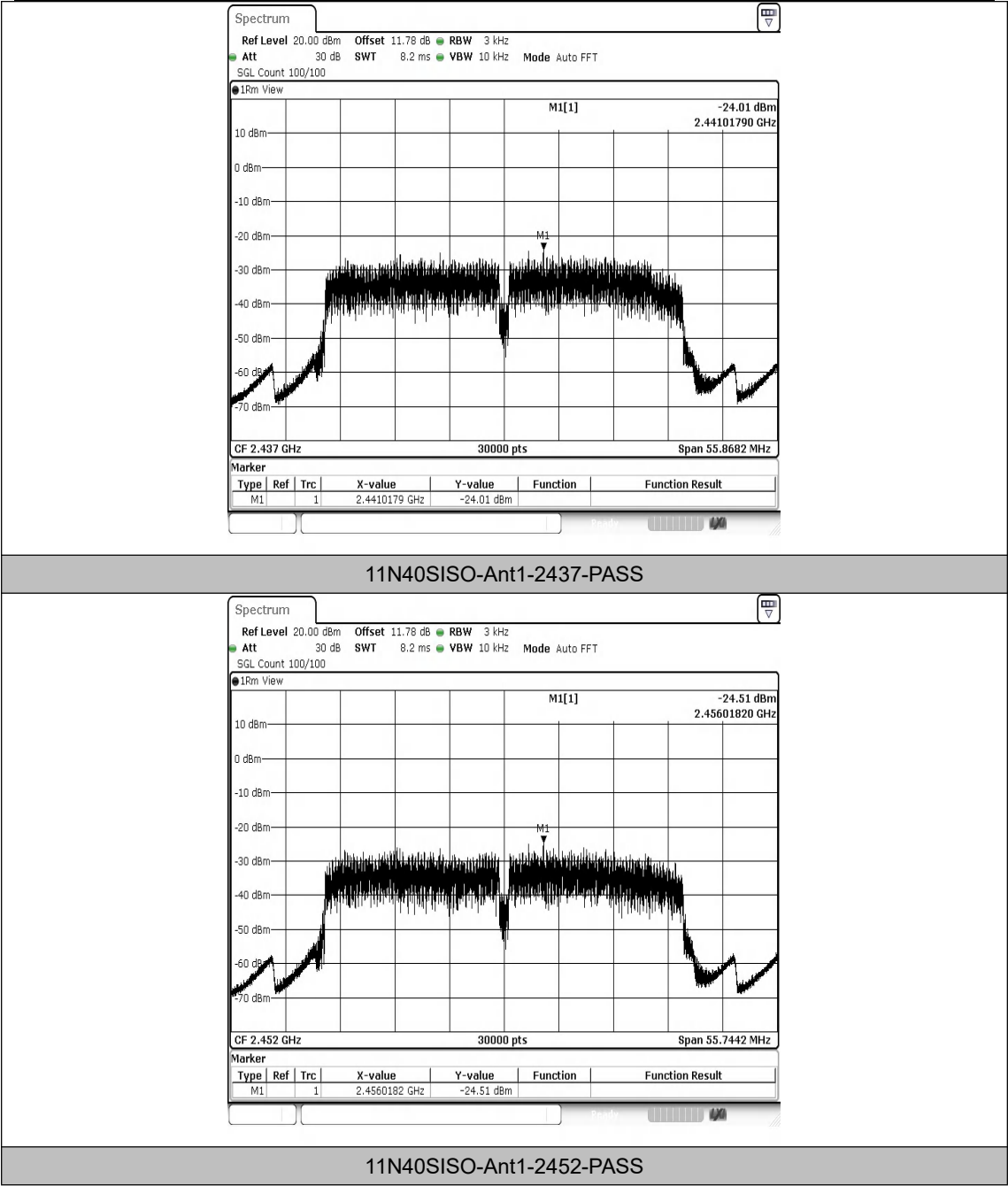












Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.49	-43.9	≤-22.51	PASS
11B	Ant1	High	2462	5.24	-49.75	≤-24.76	PASS
11G	Ant1	Low	2412	-0.11	-33.85	≤-30.11	PASS
11G	Ant1	High	2462	-0.19	-49.35	≤-30.19	PASS
11N20SISO	Ant1	Low	2412	-1.50	-41.4	≤-31.5	PASS
11N20SISO	Ant1	High	2462	-1.22	-48.14	≤-31.22	PASS
11N40SISO	Ant1	Low	2422	-2.69	-39.88	≤-32.69	PASS
11N40SISO	Ant1	High	2452	-4.03	-47.77	≤-34.03	PASS



Test Graphs

