

Appendix Test Data

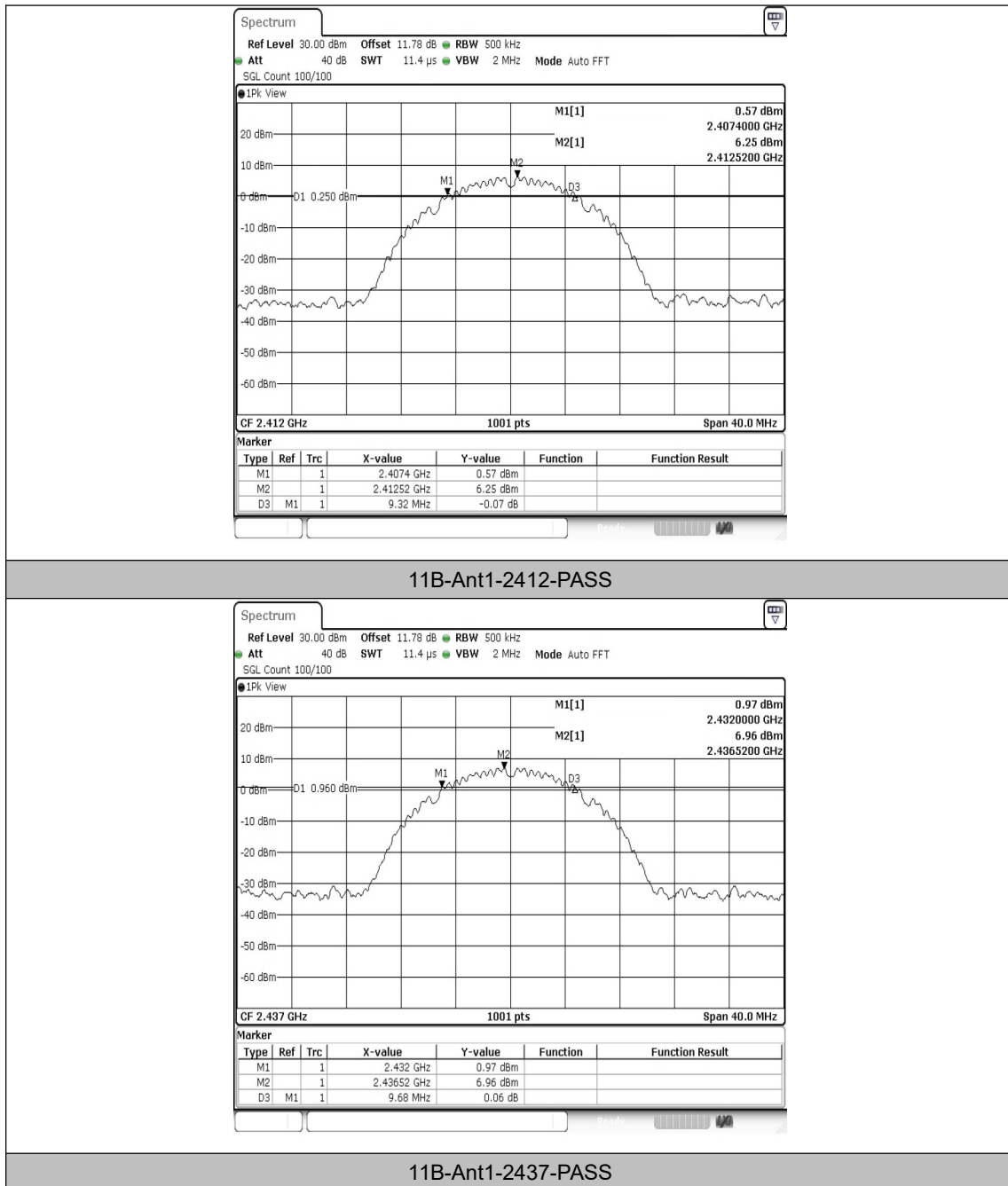
Report No.:	1814C50092512502	Test Sample No.:	1-2-2
Start Test Date:	2025.3.28	Finish Test Date:	2025.4.2
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	20.5°C	Relative Humidity:	50%
Pressure:	101kPa		

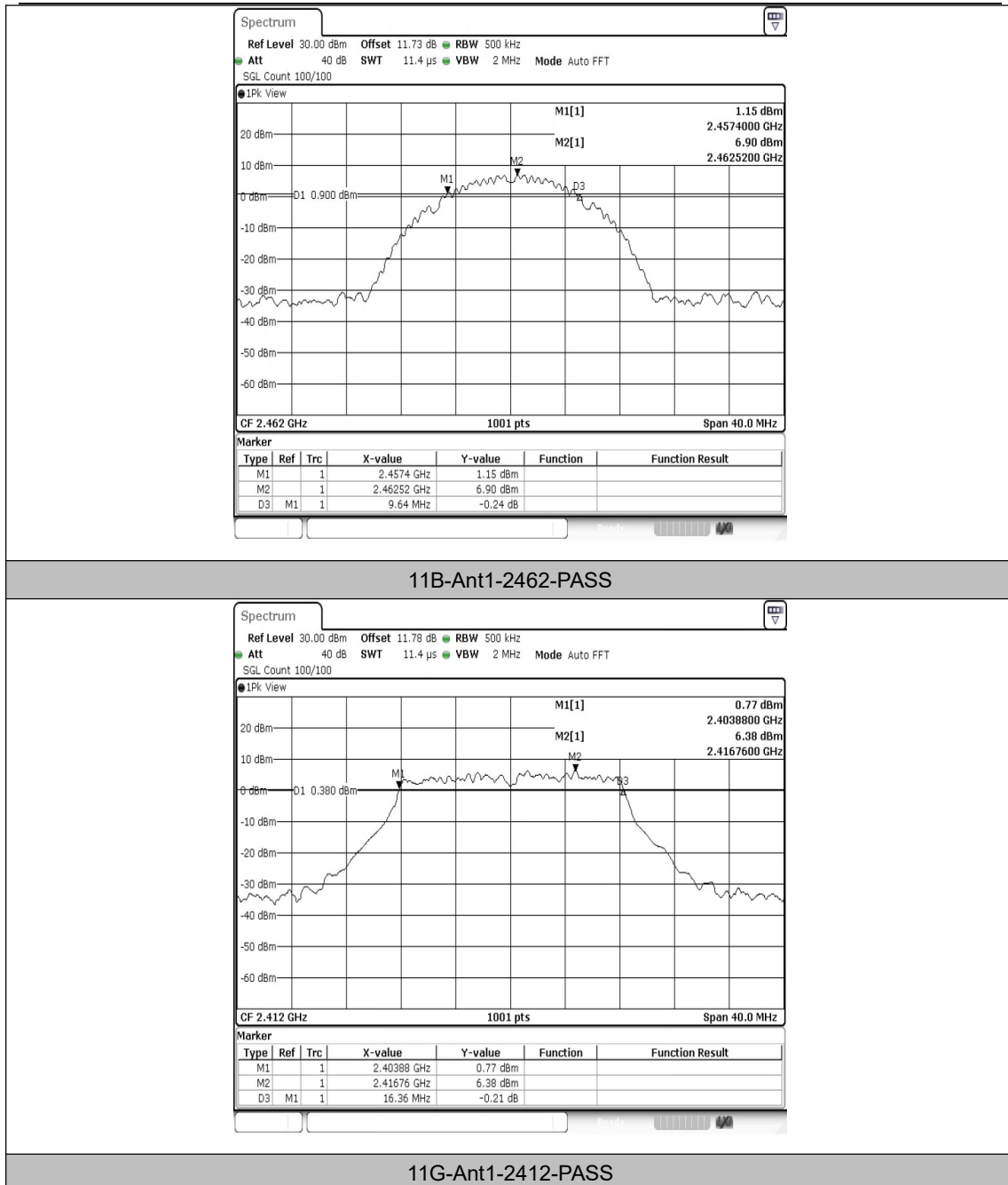
Appendix A: 6dB Bandwidth

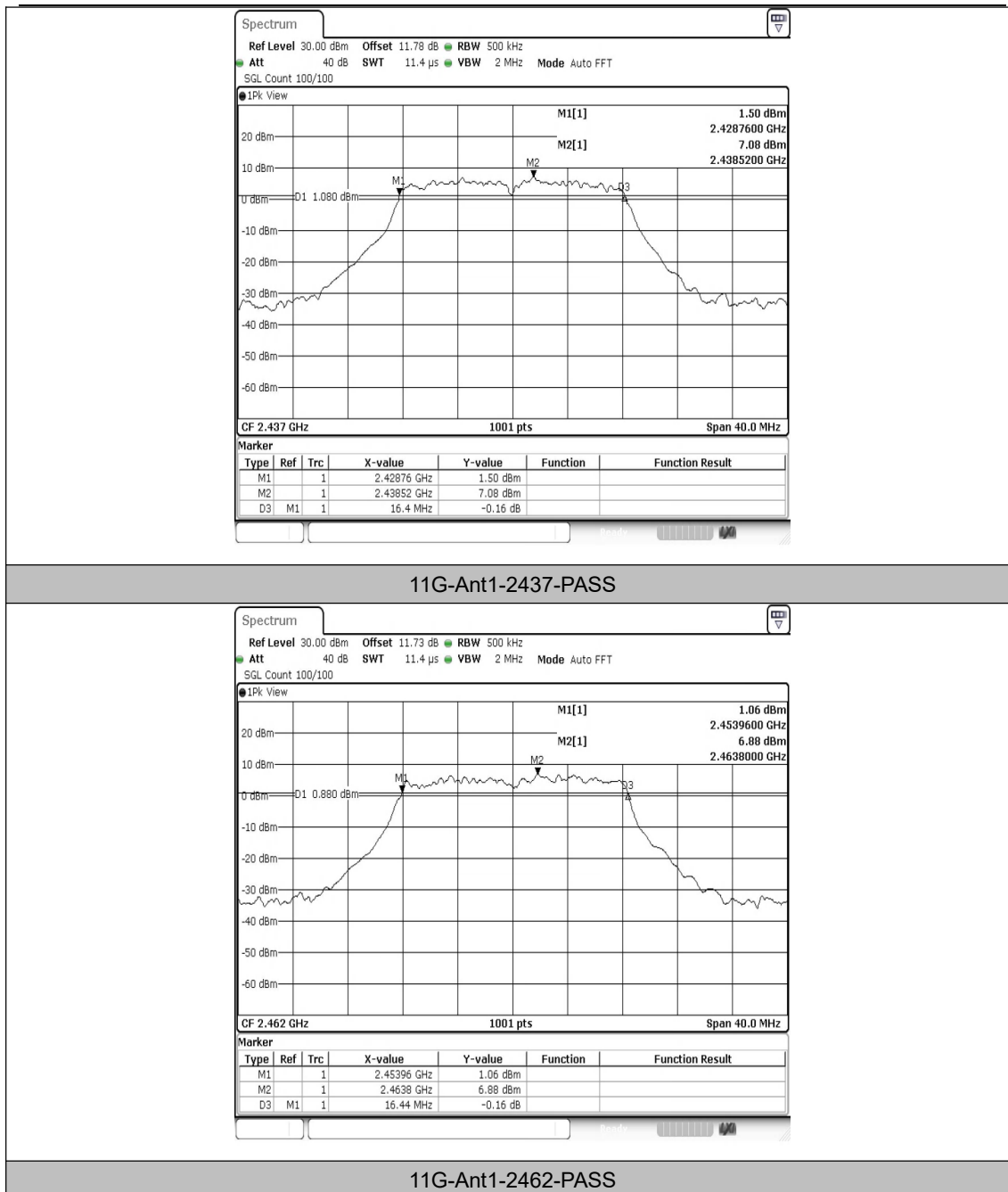
Test Result

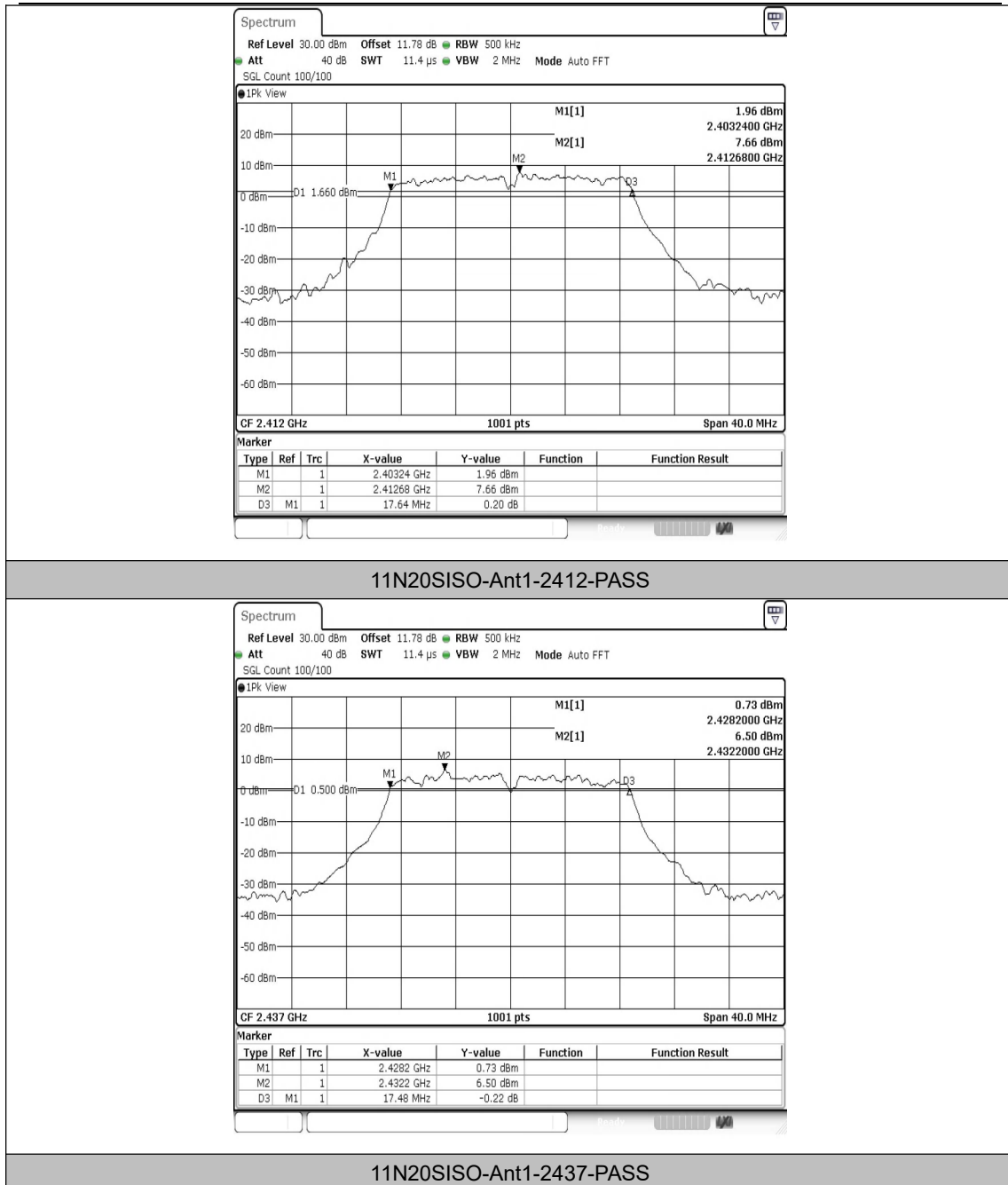
Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.32	2407.40	2416.72	0.5	PASS
11B	Ant1	2437	9.68	2432.00	2441.68	0.5	PASS
11B	Ant1	2462	9.64	2457.40	2467.04	0.5	PASS
11G	Ant1	2412	16.36	2403.88	2420.24	0.5	PASS
11G	Ant1	2437	16.40	2428.76	2445.16	0.5	PASS
11G	Ant1	2462	16.44	2453.96	2470.40	0.5	PASS
11N20SISO	Ant1	2412	17.64	2403.24	2420.88	0.5	PASS
11N20SISO	Ant1	2437	17.48	2428.20	2445.68	0.5	PASS
11N20SISO	Ant1	2462	17.44	2453.36	2470.80	0.5	PASS

Test Graphs











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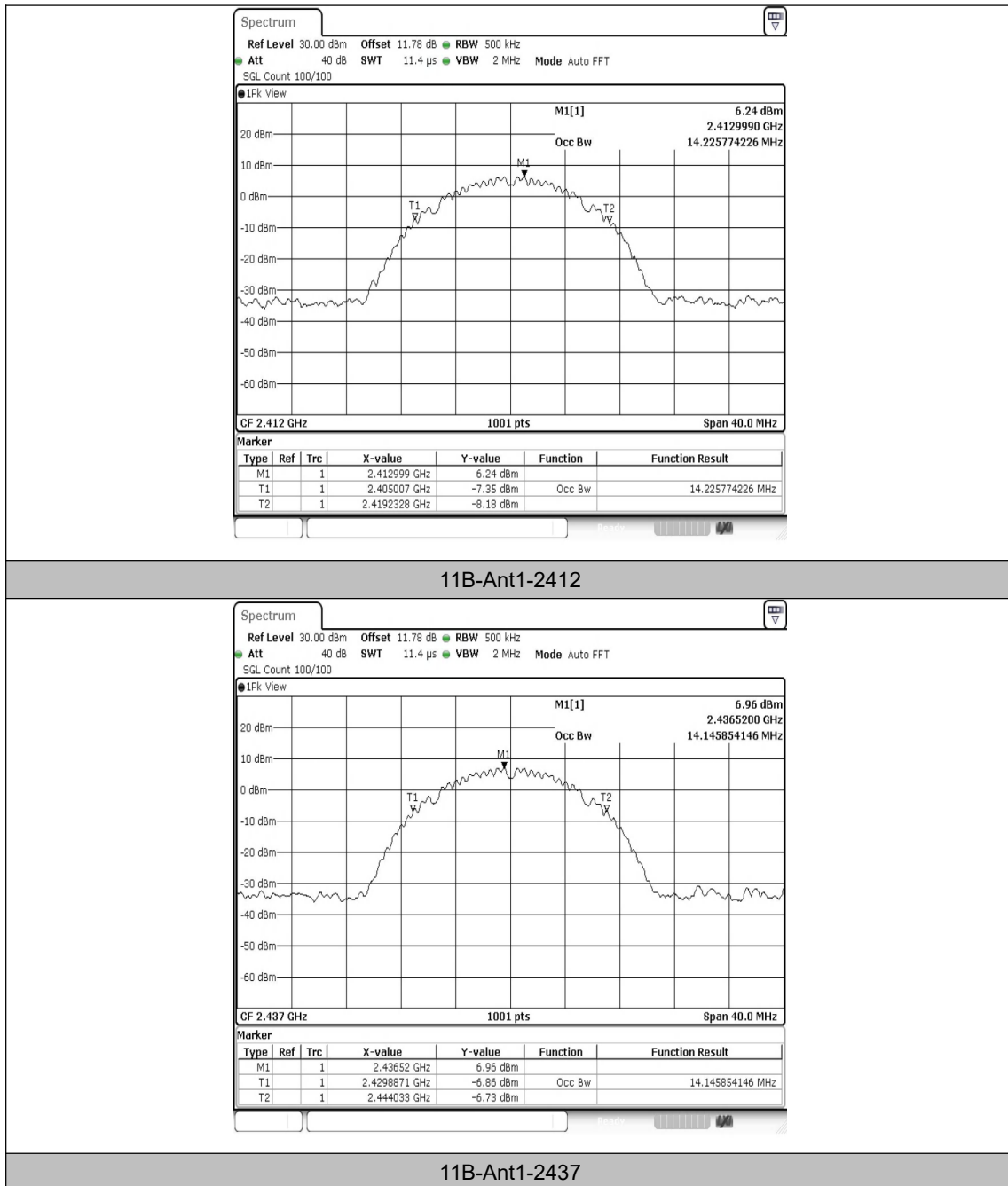
Appendix B: 99% Occupied Bandwidth

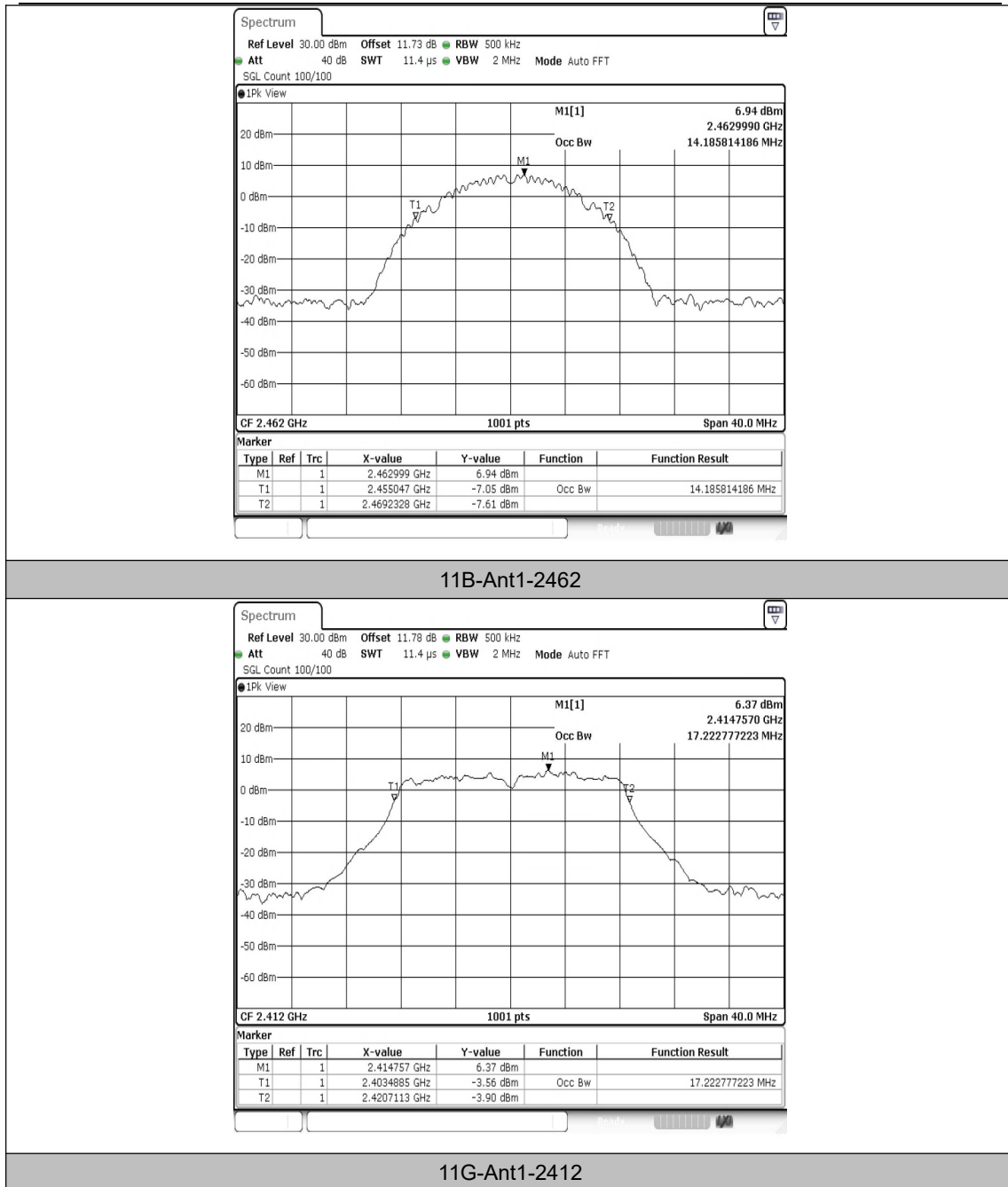
Test Result

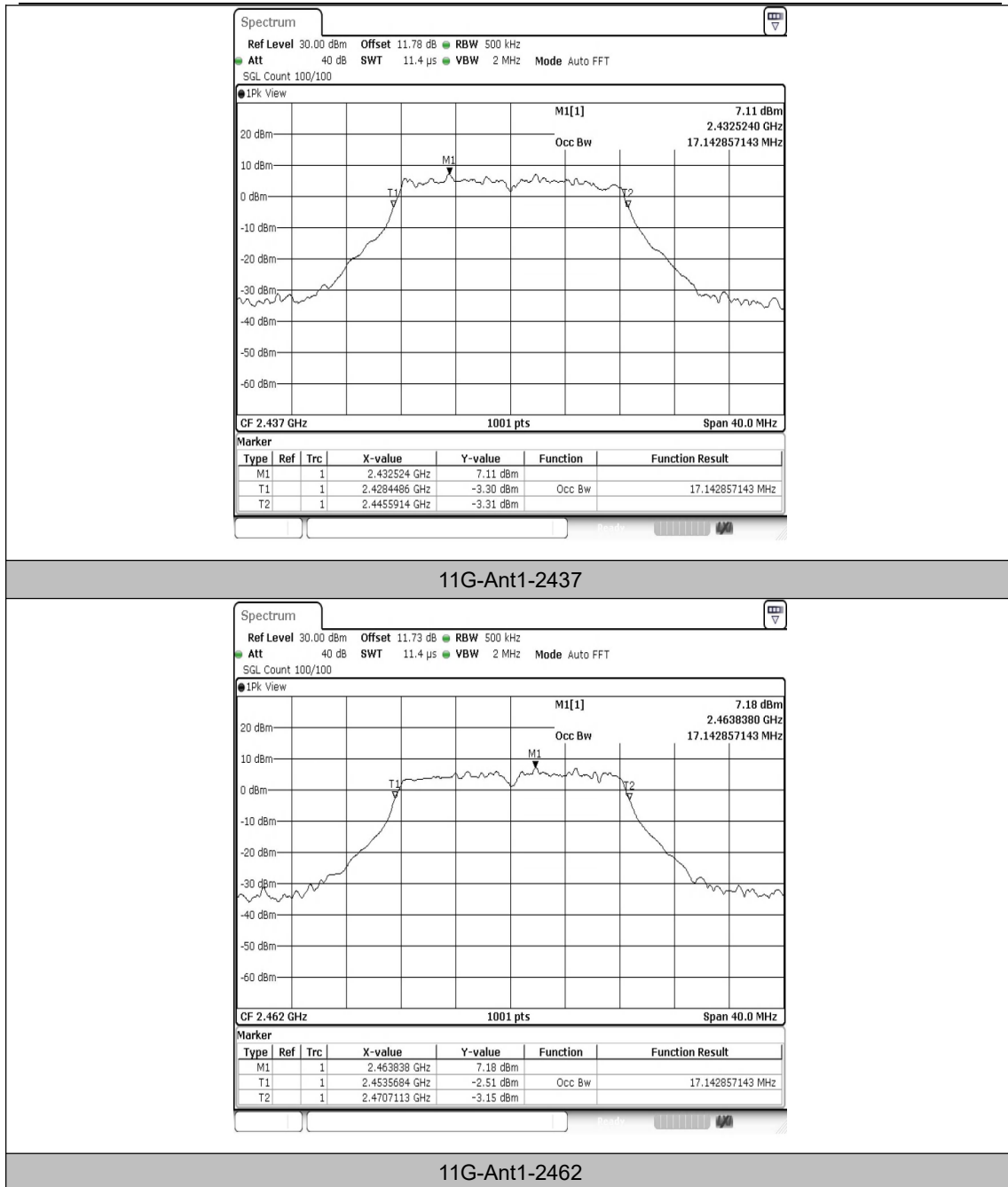
Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.226	2405.0070	2419.2328	---	---
11B	Ant1	2437	14.146	2429.8871	2444.0330	---	---
11B	Ant1	2462	14.186	2455.0470	2469.2328	---	---
11G	Ant1	2412	17.223	2403.4885	2420.7113	---	---
11G	Ant1	2437	17.143	2428.4486	2445.5914	---	---
11G	Ant1	2462	17.143	2453.5684	2470.7113	---	---
11N20SISO	Ant1	2412	18.541	2402.8092	2421.3506	---	---
11N20SISO	Ant1	2437	18.062	2427.8891	2445.9510	---	---
11N20SISO	Ant1	2462	18.302	2452.8092	2471.1109	---	---

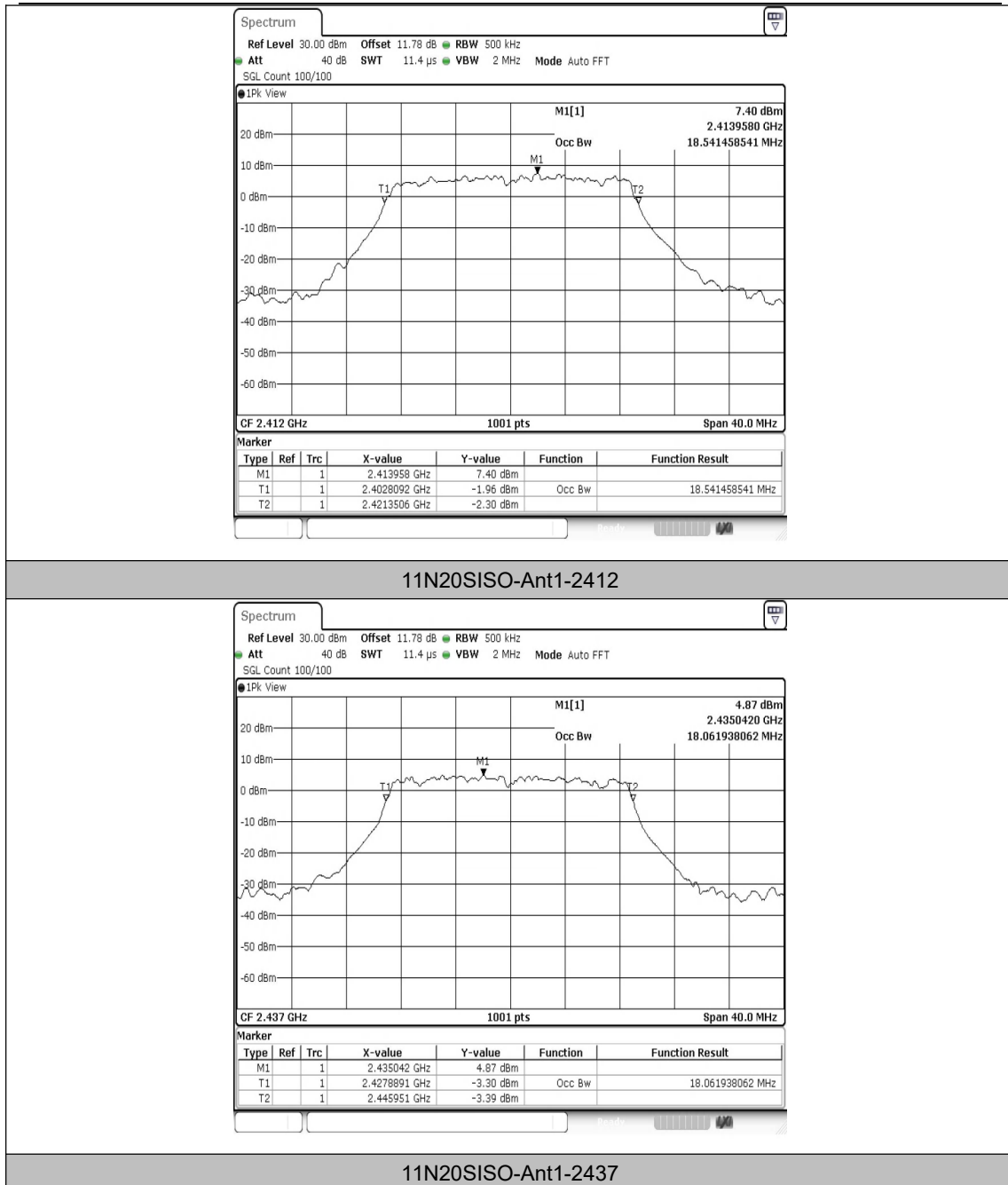


Test Graphs











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Appendix C: Maximum conducted output power

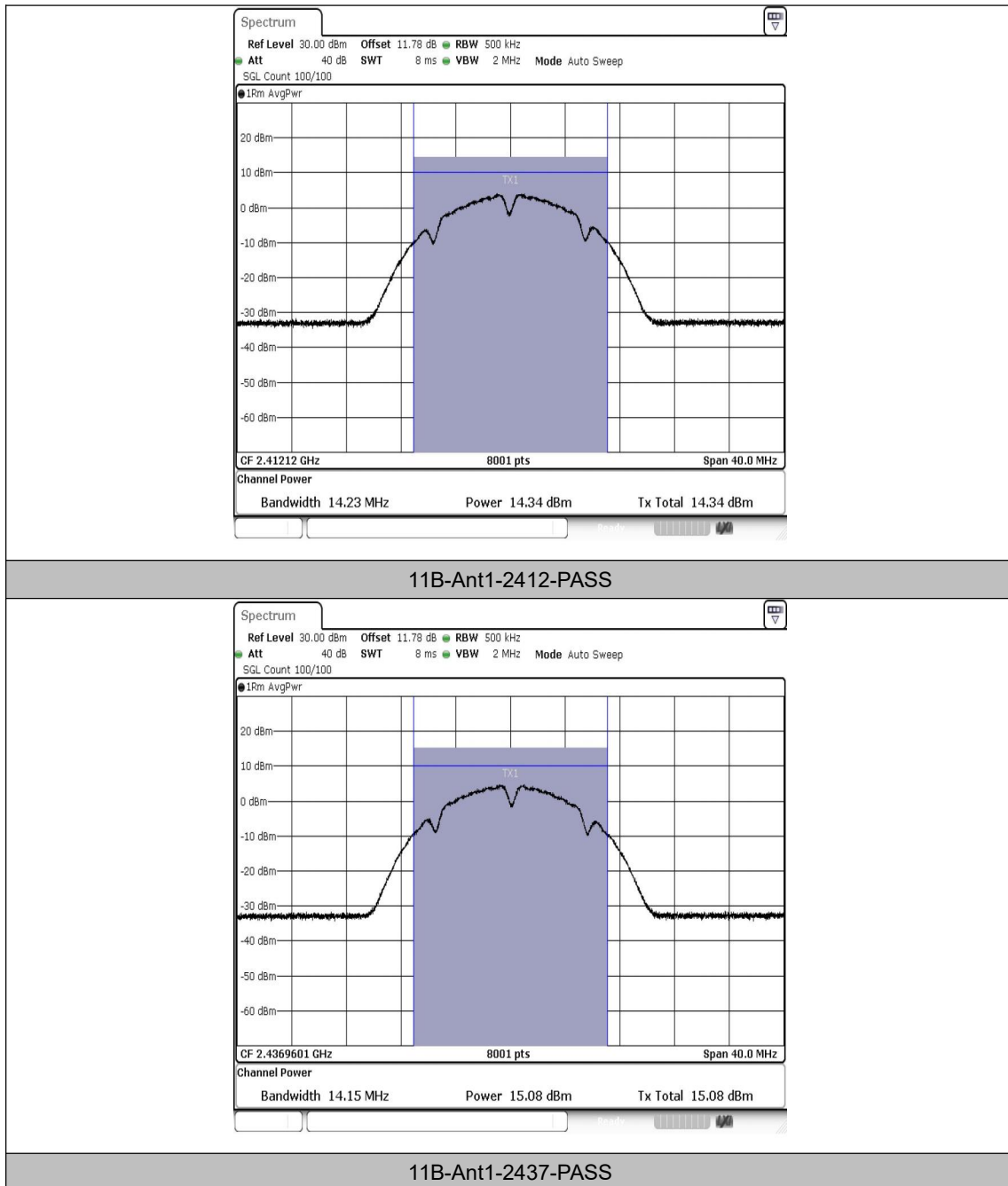
Test Result Average

Test Mode	Antenna	Frequency [MHz]	Set Power	Average power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	NA	14.34	100.00	0.00	14.34	≤30.00	PASS
11B	Ant1	2437	NA	15.08	100.00	0.00	15.08	≤30.00	PASS
11B	Ant1	2462	NA	15.01	100.00	0.00	15.01	≤30.00	PASS
11G	Ant1	2412	NA	13.54	100.00	0.00	13.54	≤30.00	PASS
11G	Ant1	2437	NA	14.24	100.00	0.00	14.24	≤30.00	PASS
11G	Ant1	2462	NA	14.18	100.00	0.00	14.18	≤30.00	PASS
11N20SISO	Ant1	2412	NA	12.51	100.00	0.00	12.51	≤30.00	PASS
11N20SISO	Ant1	2437	NA	13.20	100.00	0.00	13.20	≤30.00	PASS
11N20SISO	Ant1	2462	NA	13.15	100.00	0.00	13.15	≤30.00	PASS

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



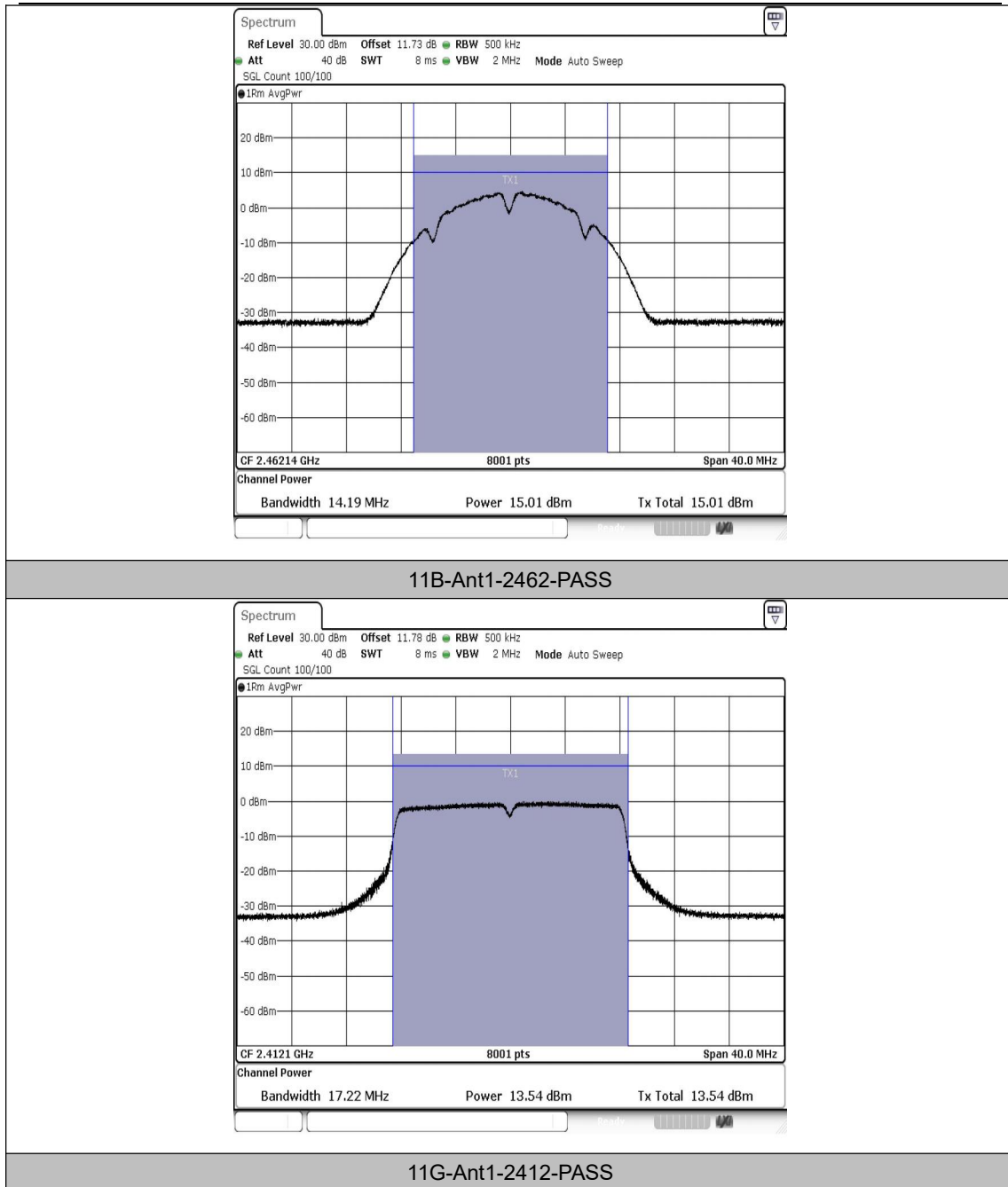
Test Graphs Average



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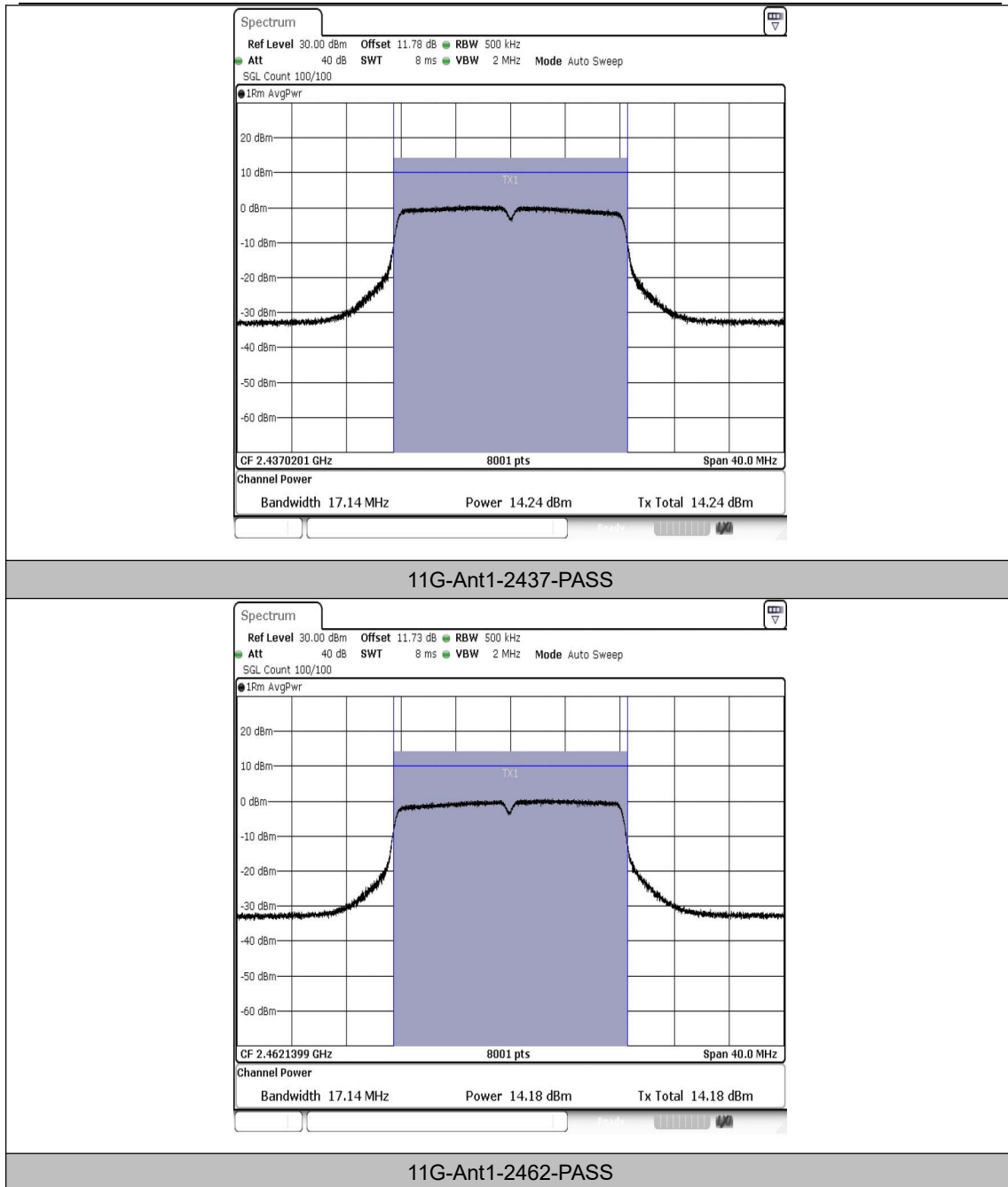
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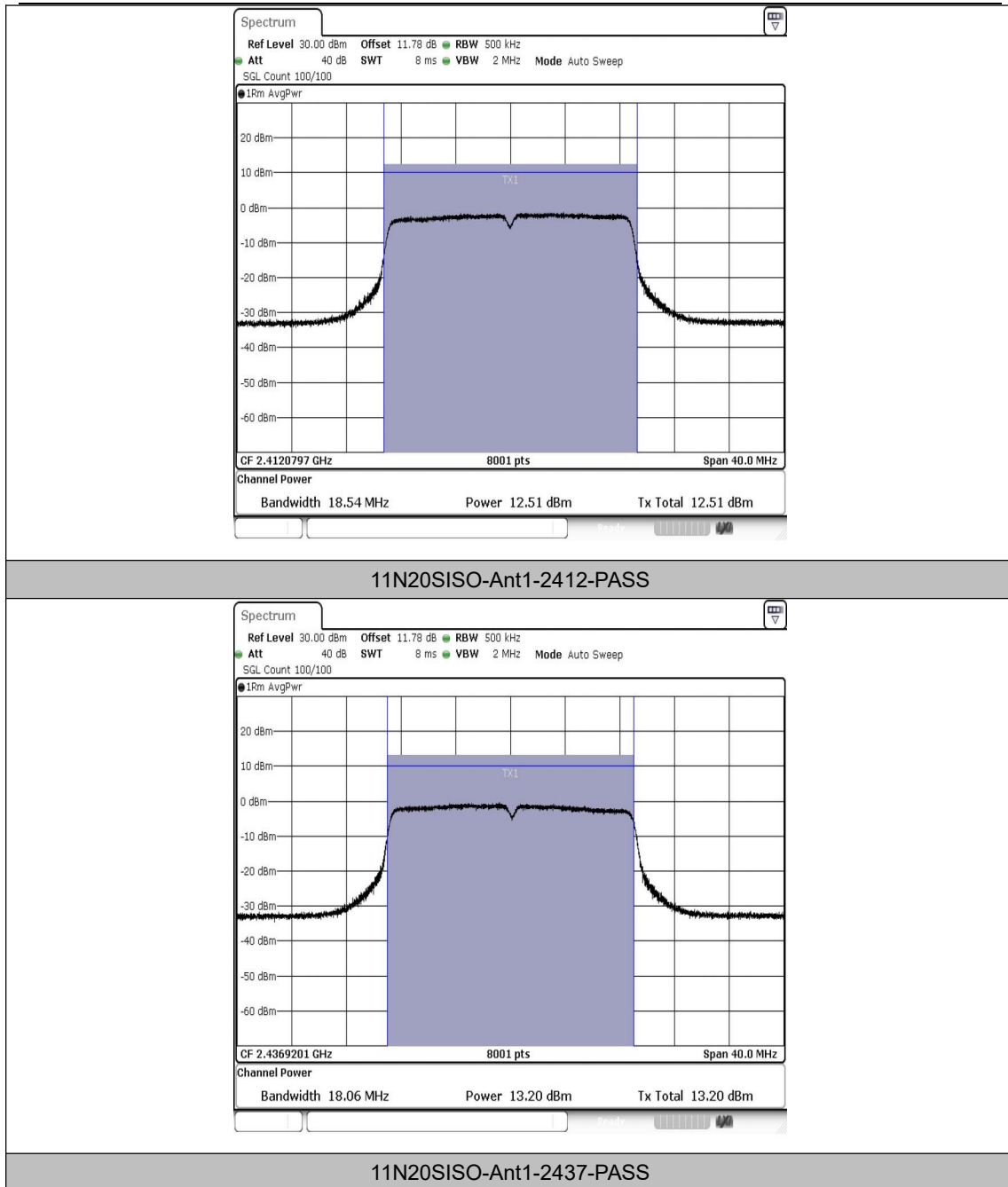
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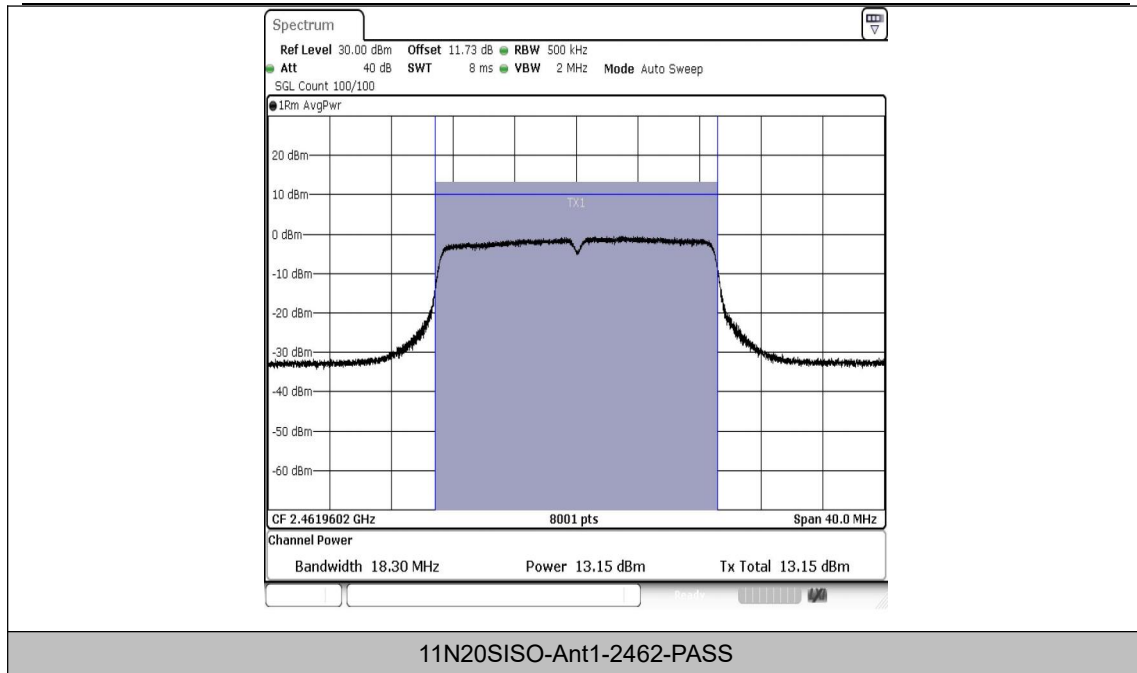
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Appendix D: Maximum power spectral density

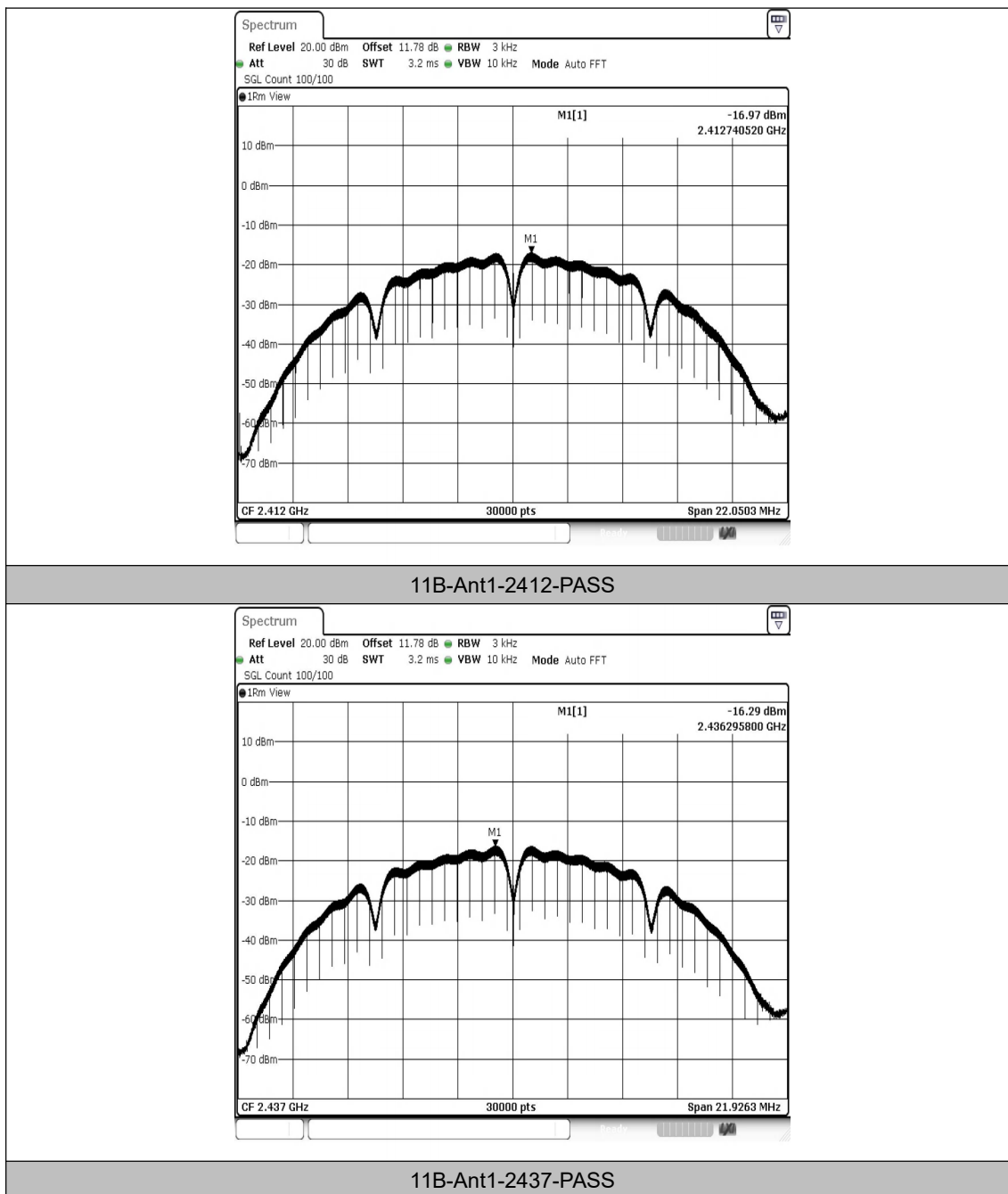
Test Result

Test Mode	Antenna	Frequency [MHz]	Reading Result [dBm/3kHz]	DC Factor [dB]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-16.97	0.00	-16.97	≤8.00	PASS
11B	Ant1	2437	-16.29	0.00	-16.29	≤8.00	PASS
11B	Ant1	2462	-16.4	0.00	-16.40	≤8.00	PASS
11G	Ant1	2412	-18.57	0.00	-18.57	≤8.00	PASS
11G	Ant1	2437	-17.96	0.00	-17.96	≤8.00	PASS
11G	Ant1	2462	-17.27	0.00	-17.27	≤8.00	PASS
11N20SISO	Ant1	2412	-20.38	0.00	-20.38	≤8.00	PASS
11N20SISO	Ant1	2437	-19.46	0.00	-19.46	≤8.00	PASS
11N20SISO	Ant1	2462	-19.45	0.00	-19.45	≤8.00	PASS

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



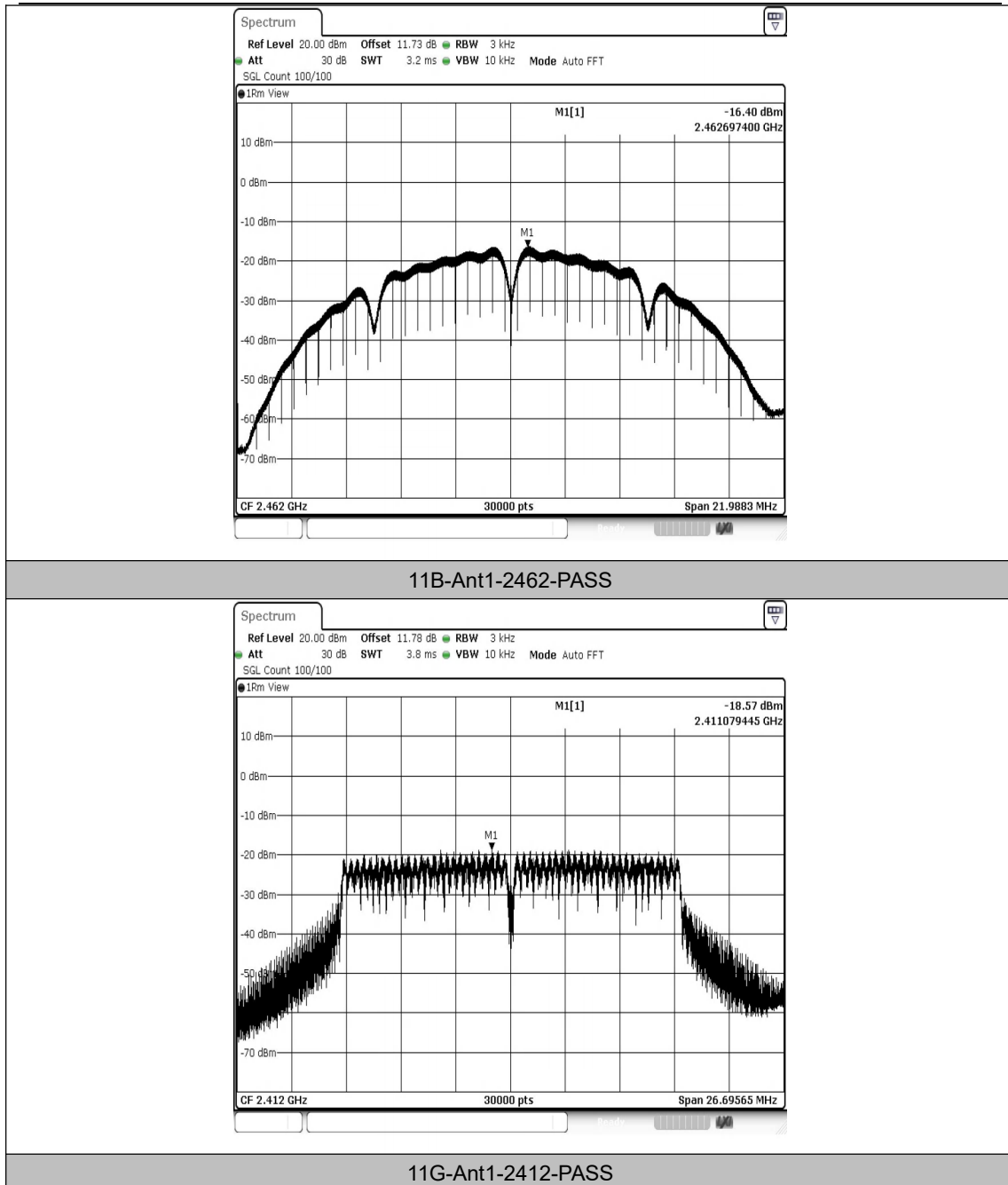
Test Graphs

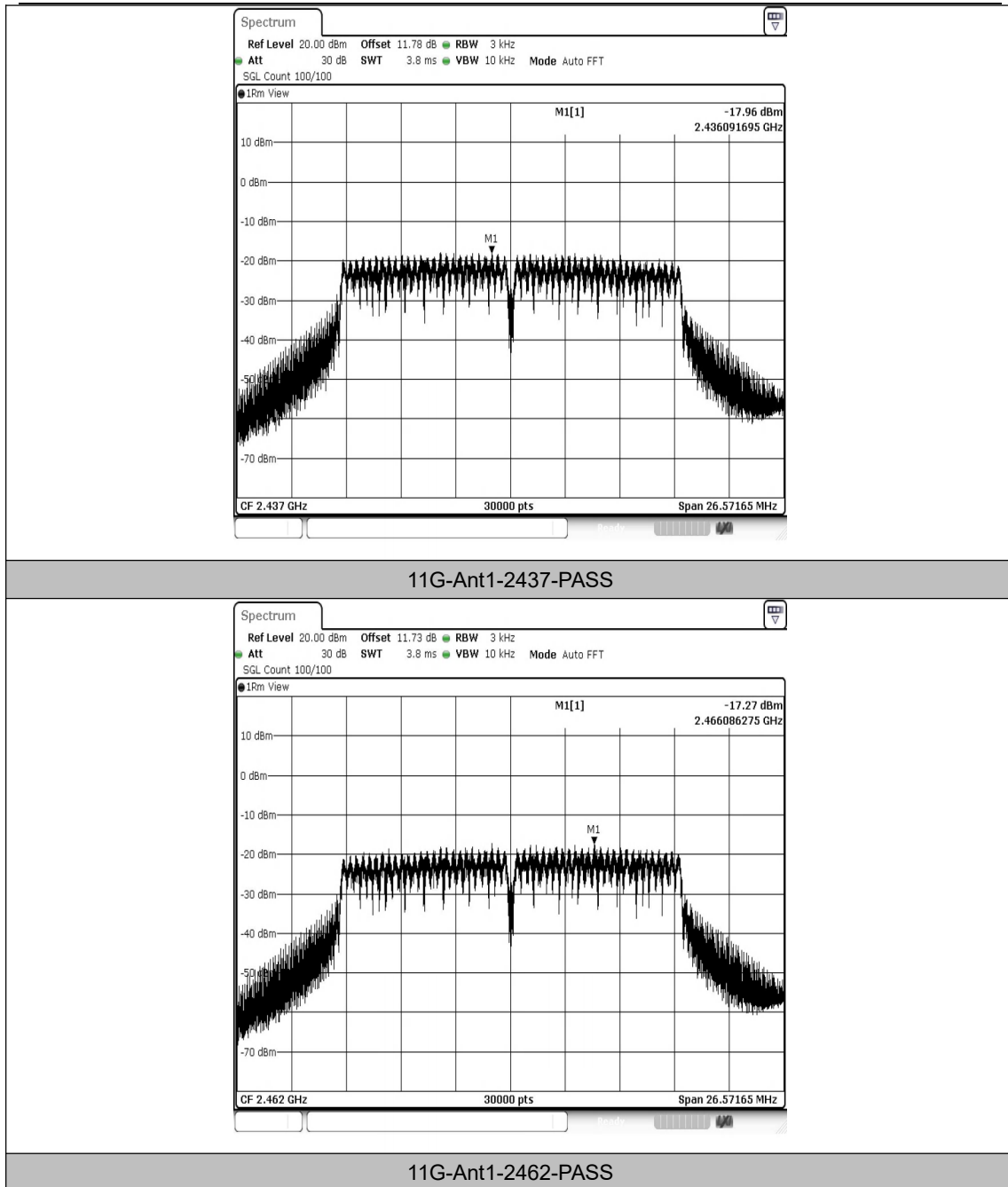


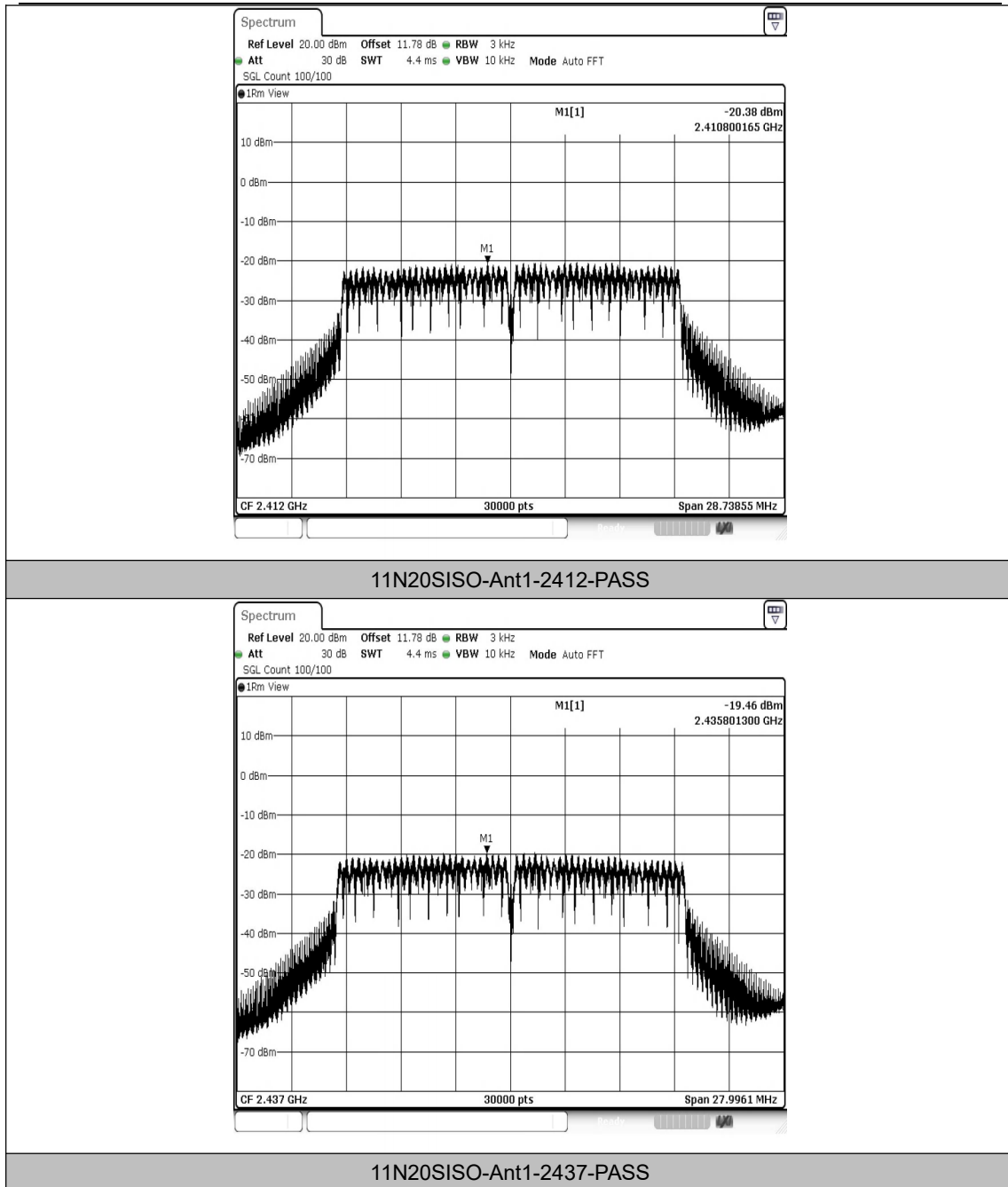
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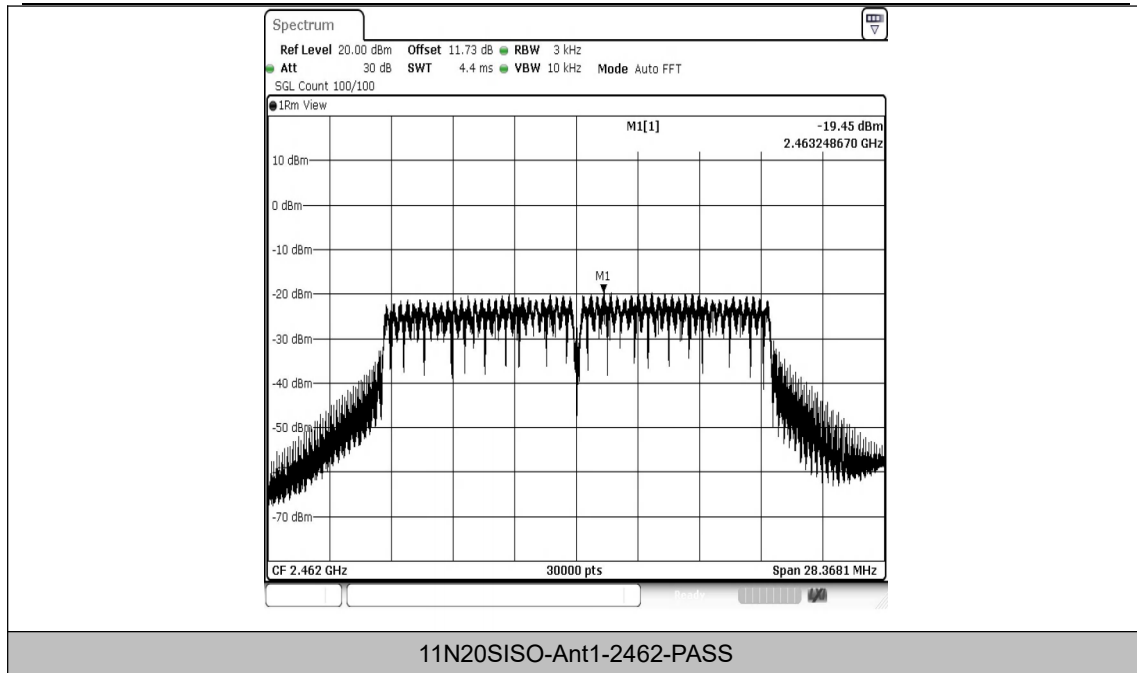
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Appendix E: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.54	-47.08	≤-25.46	PASS
11B	Ant1	High	2462	4.85	-54.99	≤-25.15	PASS
11G	Ant1	Low	2412	-1.73	-34.84	≤-31.73	PASS
11G	Ant1	High	2462	-0.34	-47.3	≤-30.34	PASS
11N20SISO	Ant1	Low	2412	-2.42	-35	≤-32.42	PASS
11N20SISO	Ant1	High	2462	-1.37	-51.23	≤-31.37	PASS

