

Appendix Test Data

Report No.:	1813C50055112501	Test Sample No.:	1-2-2
Start Test Date:	2025-2-18	Finish Test Date:	2025-2-27
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	20.3°C	Relative Humidity:	50%
Pressure:	101kPa		

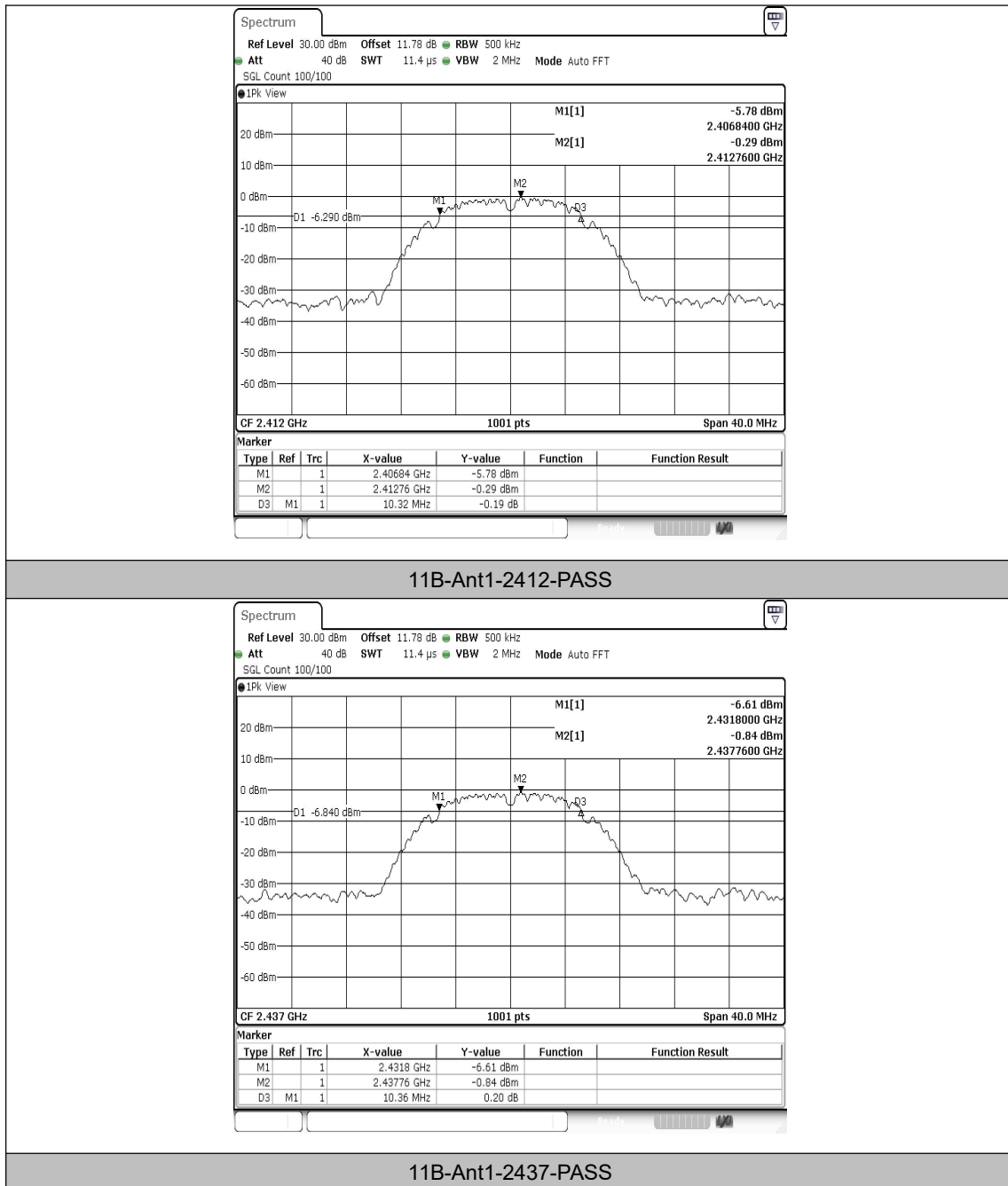
Appendix A: 6dB Bandwidth

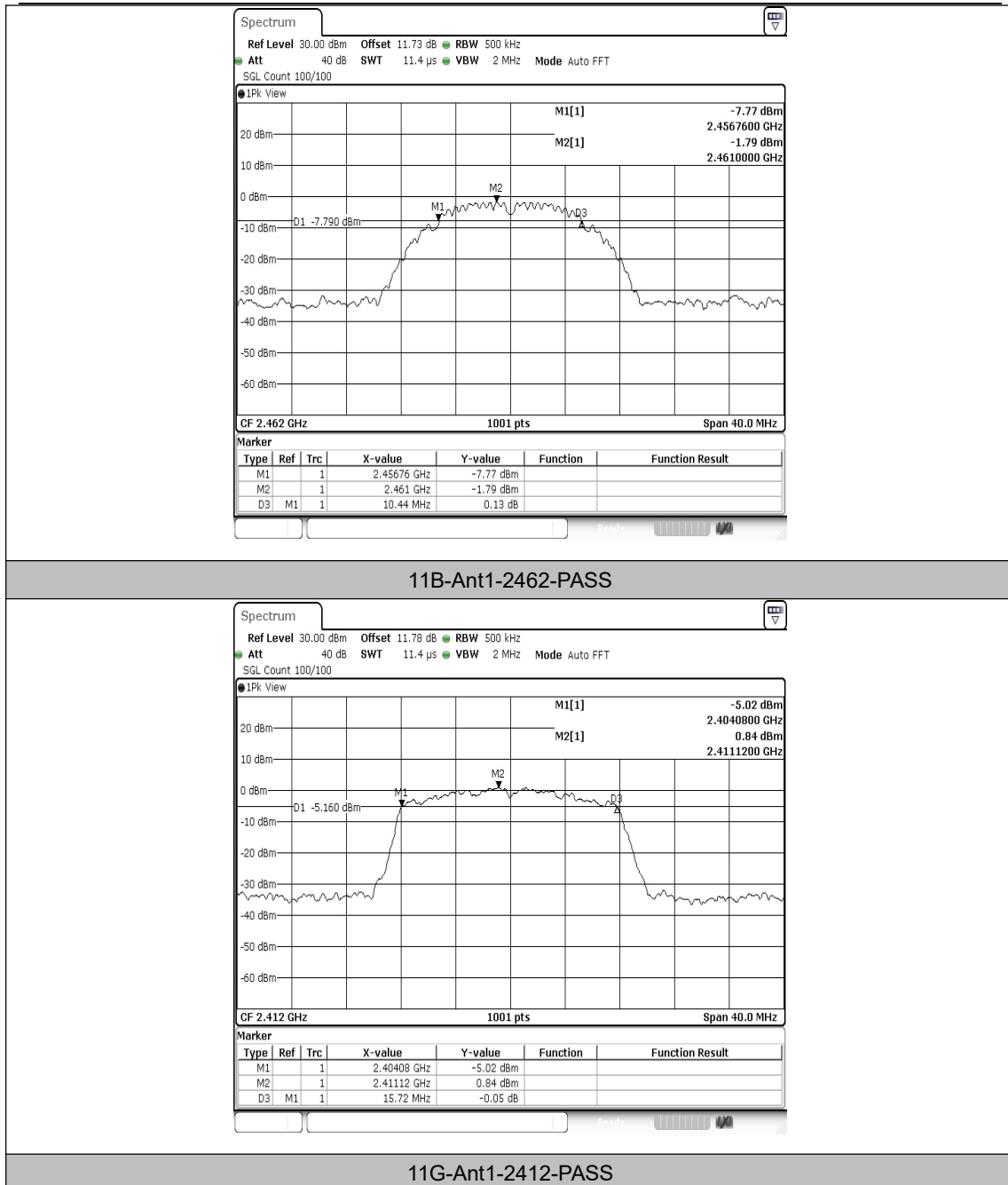
Test Result

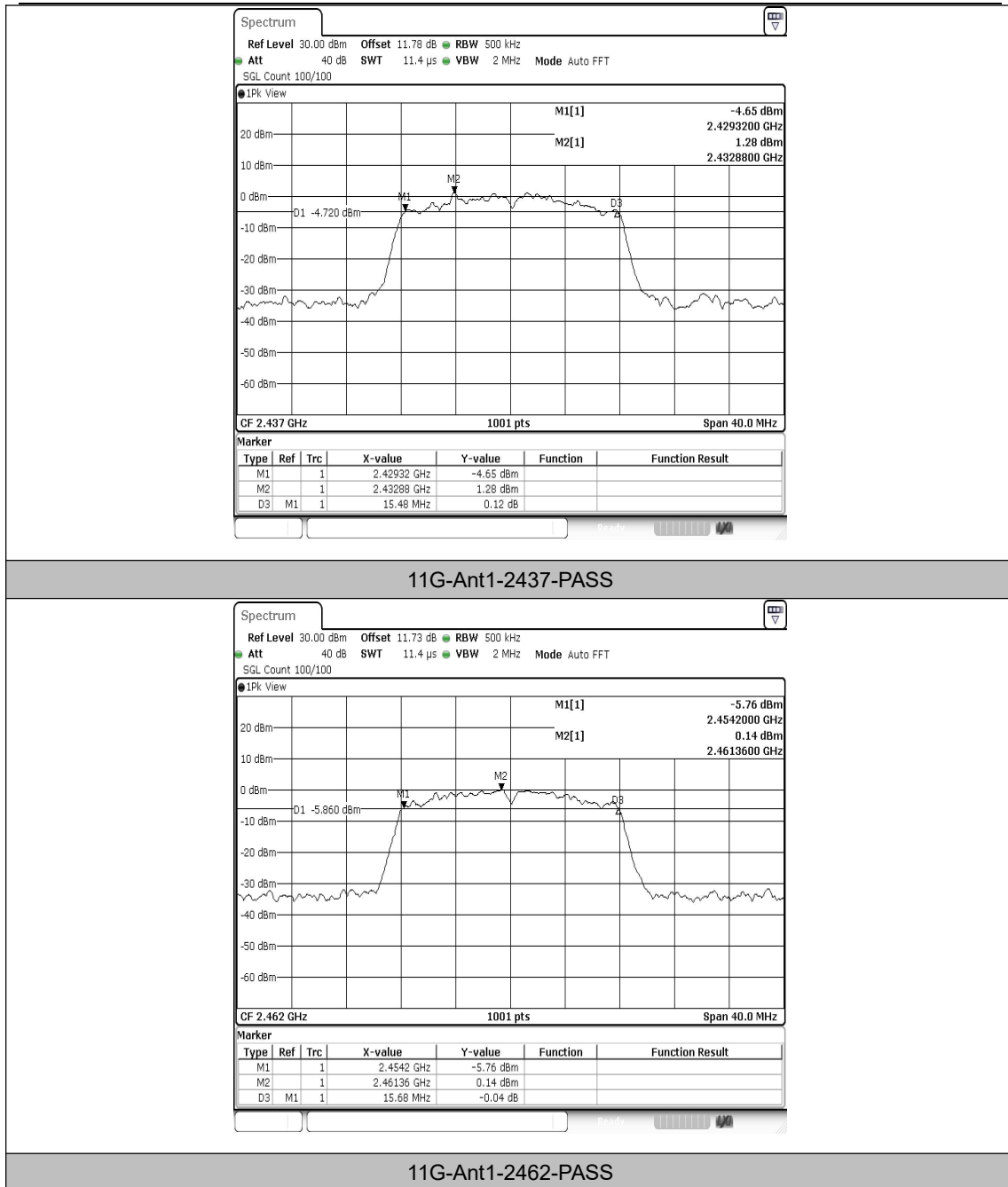
Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.32	2406.84	2417.16	0.5	PASS
11B	Ant1	2437	10.36	2431.80	2442.16	0.5	PASS
11B	Ant1	2462	10.44	2456.76	2467.20	0.5	PASS
11G	Ant1	2412	15.72	2404.08	2419.80	0.5	PASS
11G	Ant1	2437	15.48	2429.32	2444.80	0.5	PASS
11G	Ant1	2462	15.68	2454.20	2469.88	0.5	PASS
11N20SISO	Ant1	2412	16.24	2403.64	2419.88	0.5	PASS
11N20SISO	Ant1	2437	15.24	2429.24	2444.48	0.5	PASS
11N20SISO	Ant1	2462	15.28	2454.36	2469.64	0.5	PASS

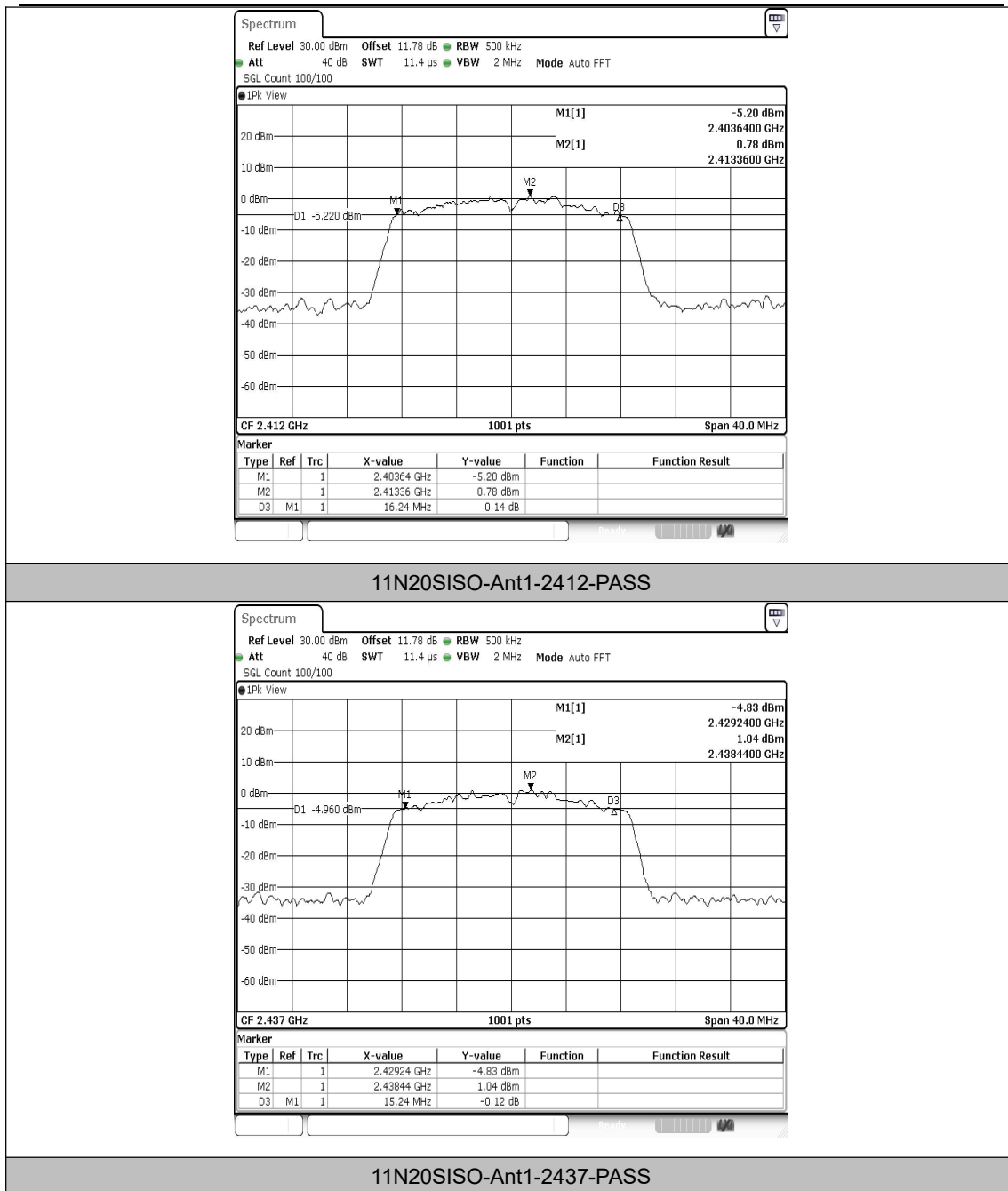


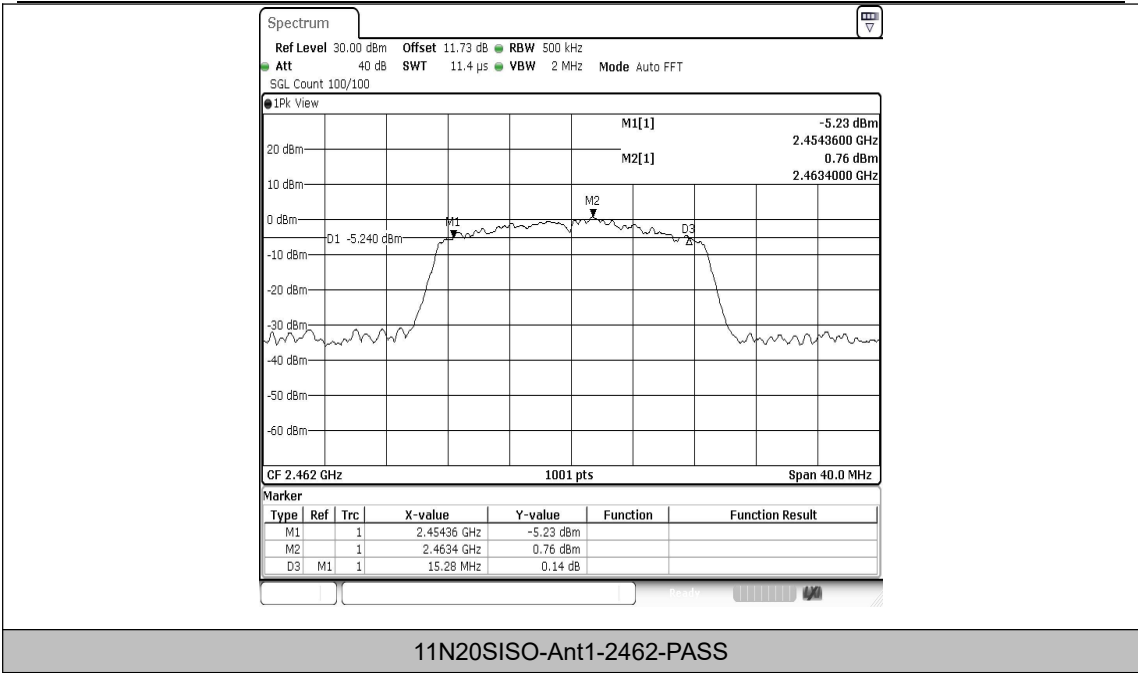
Test Graphs











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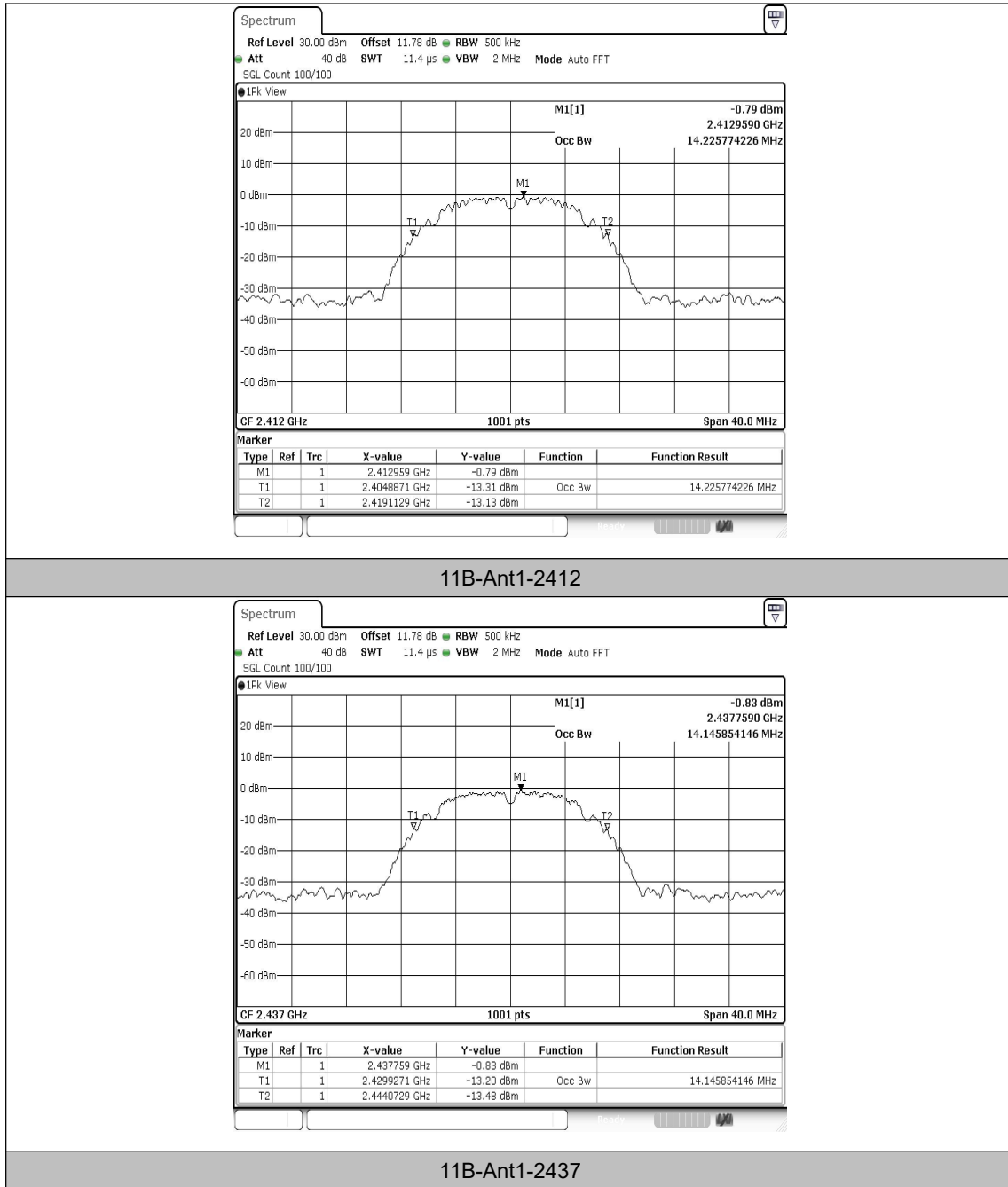
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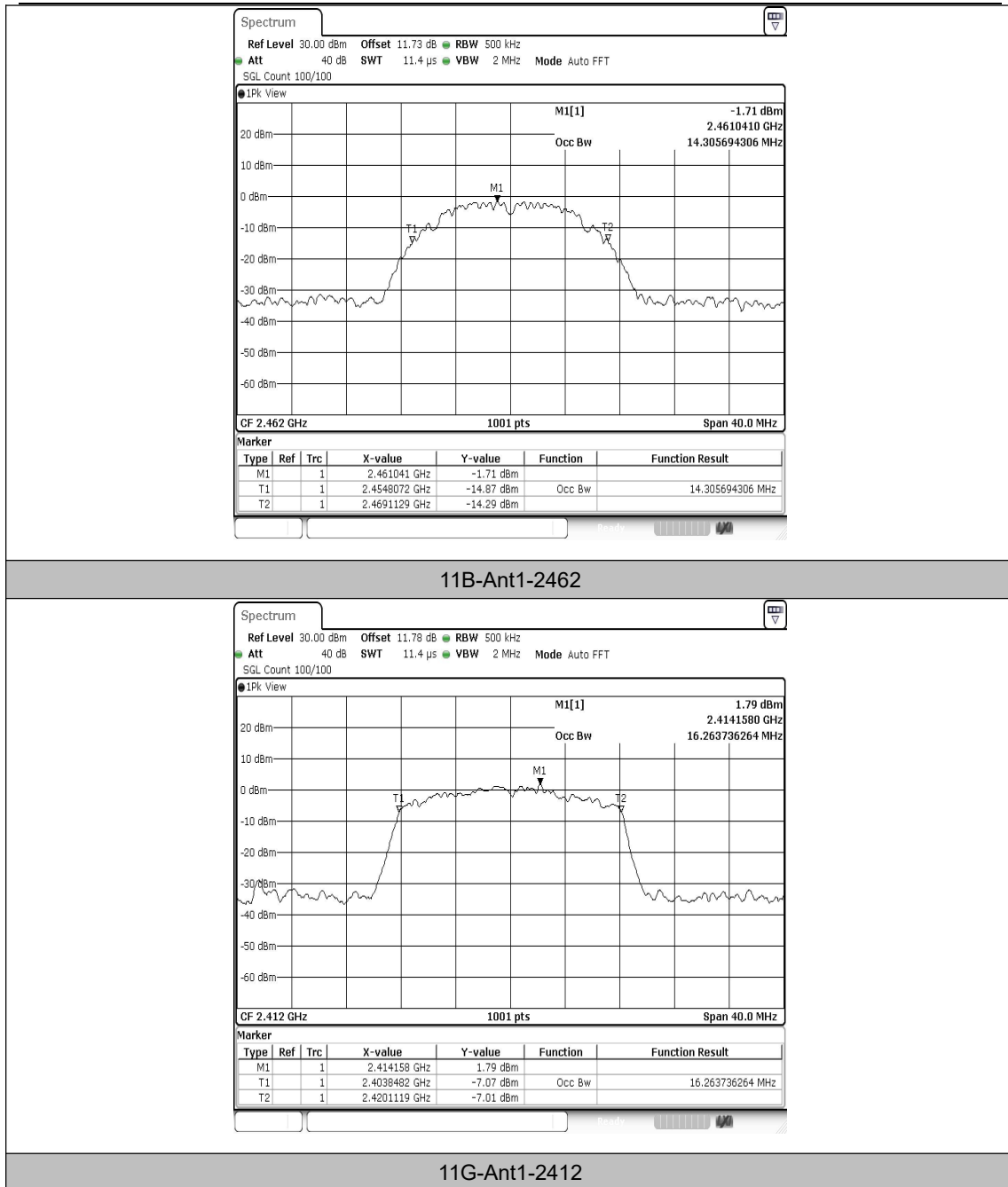
Appendix B: 99% Occupied Bandwidth

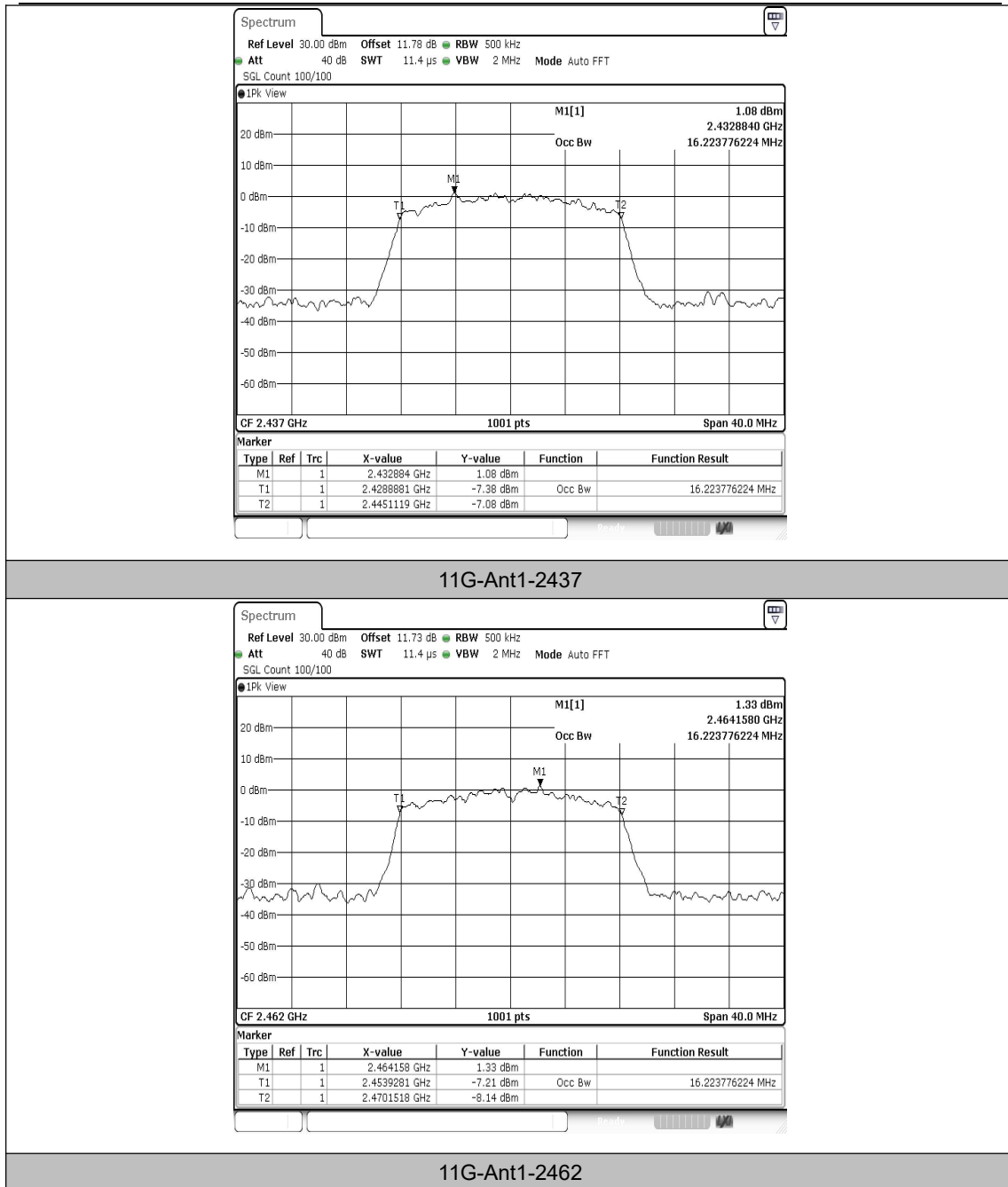
Test Result

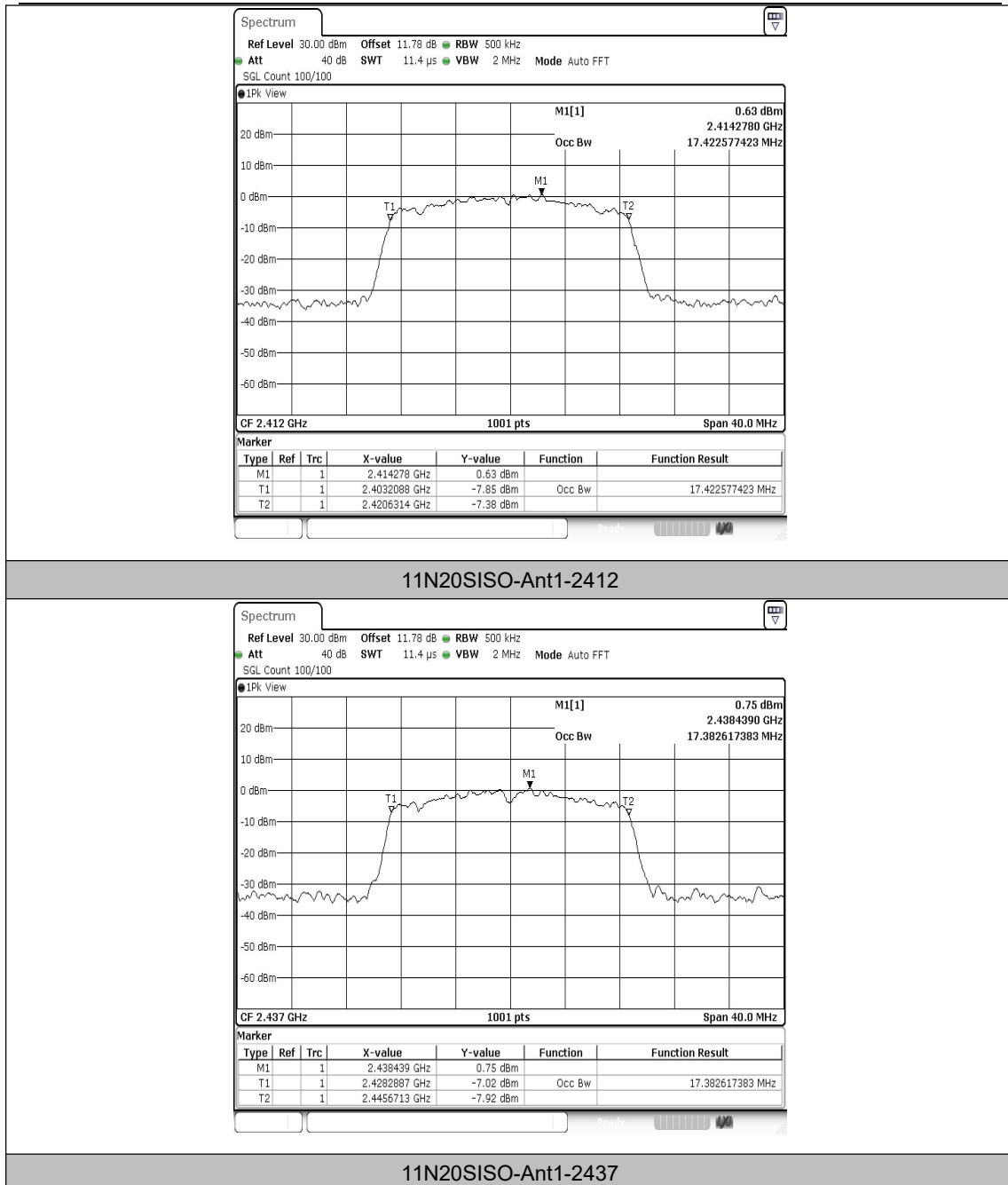
Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.226	2404.8871	2419.1129	---	---
11B	Ant1	2437	14.146	2429.9271	2444.0729	---	---
11B	Ant1	2462	14.306	2454.8072	2469.1129	---	---
11G	Ant1	2412	16.264	2403.8482	2420.1119	---	---
11G	Ant1	2437	16.224	2428.8881	2445.1119	---	---
11G	Ant1	2462	16.224	2453.9281	2470.1518	---	---
11N20SISO	Ant1	2412	17.423	2403.2088	2420.6314	---	---
11N20SISO	Ant1	2437	17.383	2428.2887	2445.6713	---	---
11N20SISO	Ant1	2462	17.383	2453.3287	2470.7113	---	---

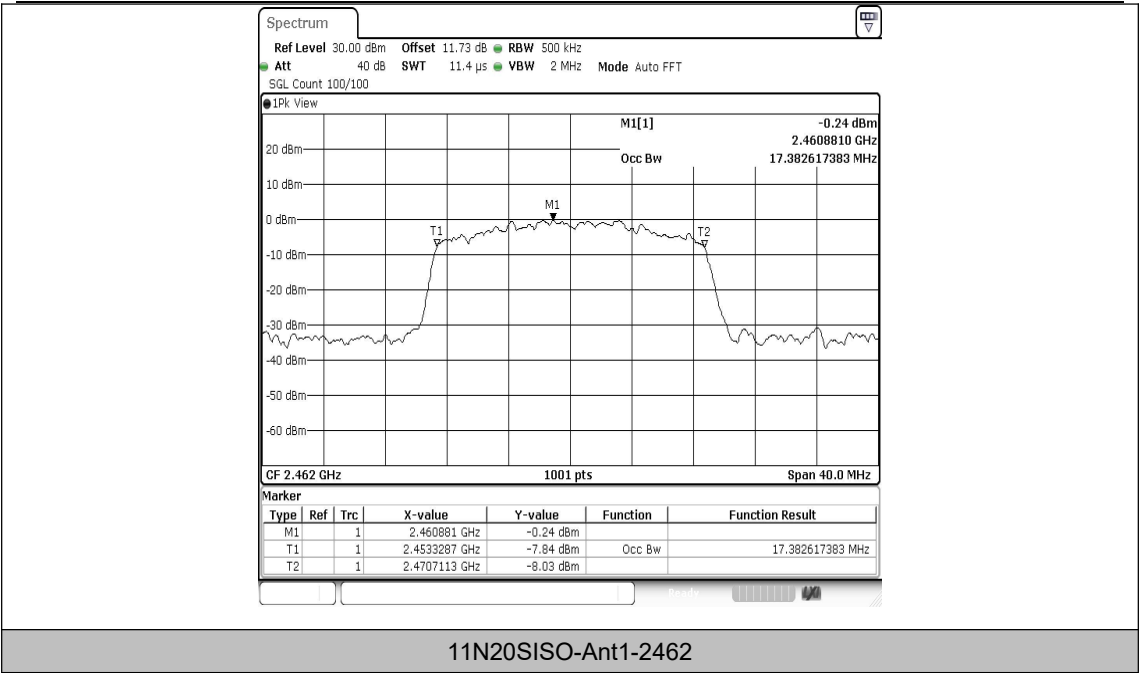
Test Graphs











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Appendix C: Maximum conducted output power

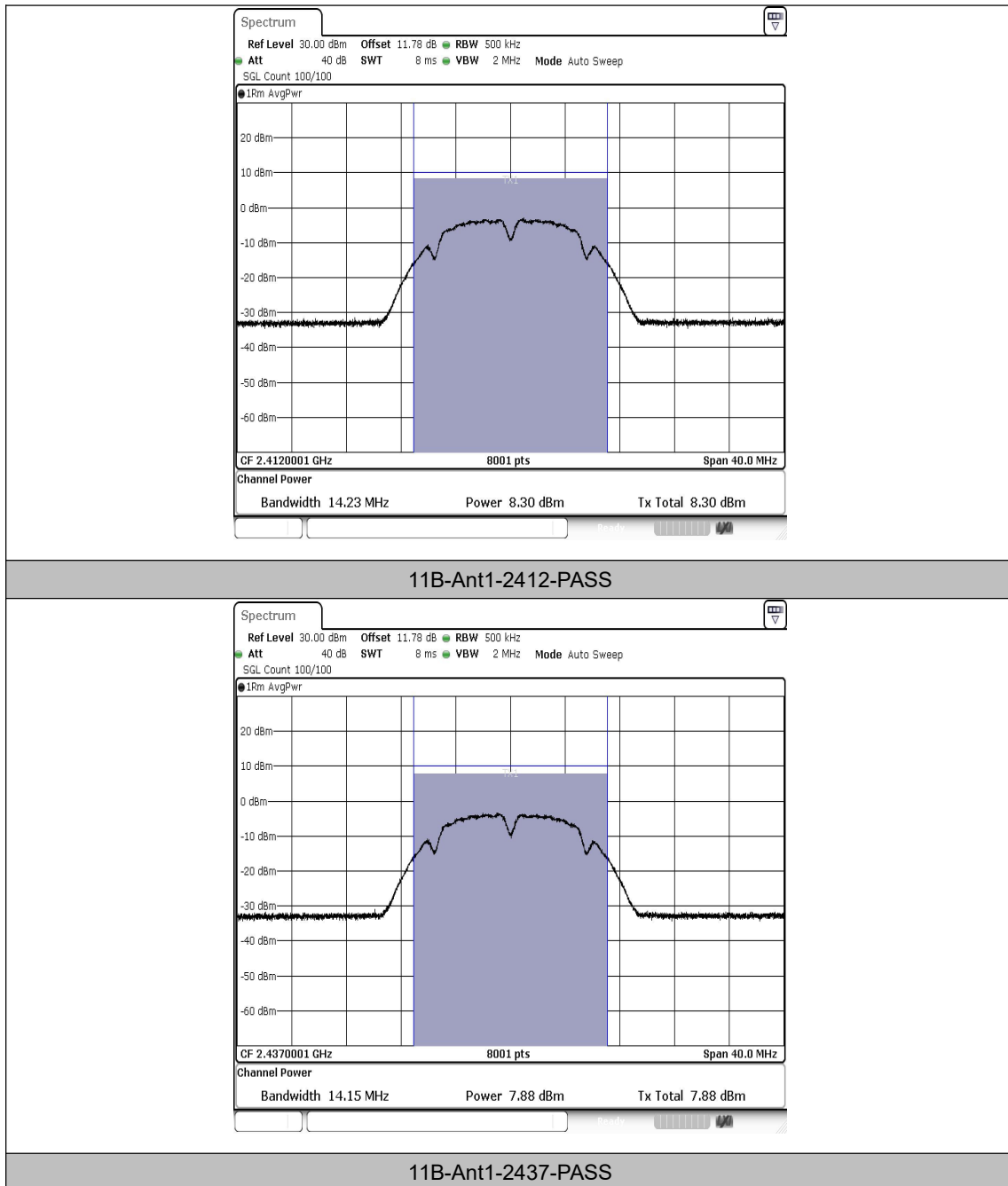
Test Result Average

Test Mode	Antenna	Frequency [MHz]	Set Power	Average power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	NA	8.30	100.00	0.00	8.30	≤30.00	PASS
11B	Ant1	2437	NA	7.88	100.00	0.00	7.88	≤30.00	PASS
11B	Ant1	2462	NA	7.26	100.00	0.00	7.26	≤30.00	PASS
11G	Ant1	2412	NA	7.76	100.00	0.00	7.76	≤30.00	PASS
11G	Ant1	2437	NA	7.58	100.00	0.00	7.58	≤30.00	PASS
11G	Ant1	2462	NA	7.18	100.00	0.00	7.18	≤30.00	PASS
11N20SISO	Ant1	2412	NA	7.59	100.00	0.00	7.59	≤30.00	PASS
11N20SISO	Ant1	2437	NA	7.43	100.00	0.00	7.43	≤30.00	PASS
11N20SISO	Ant1	2462	NA	7.05	100.00	0.00	7.05	≤30.00	PASS

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



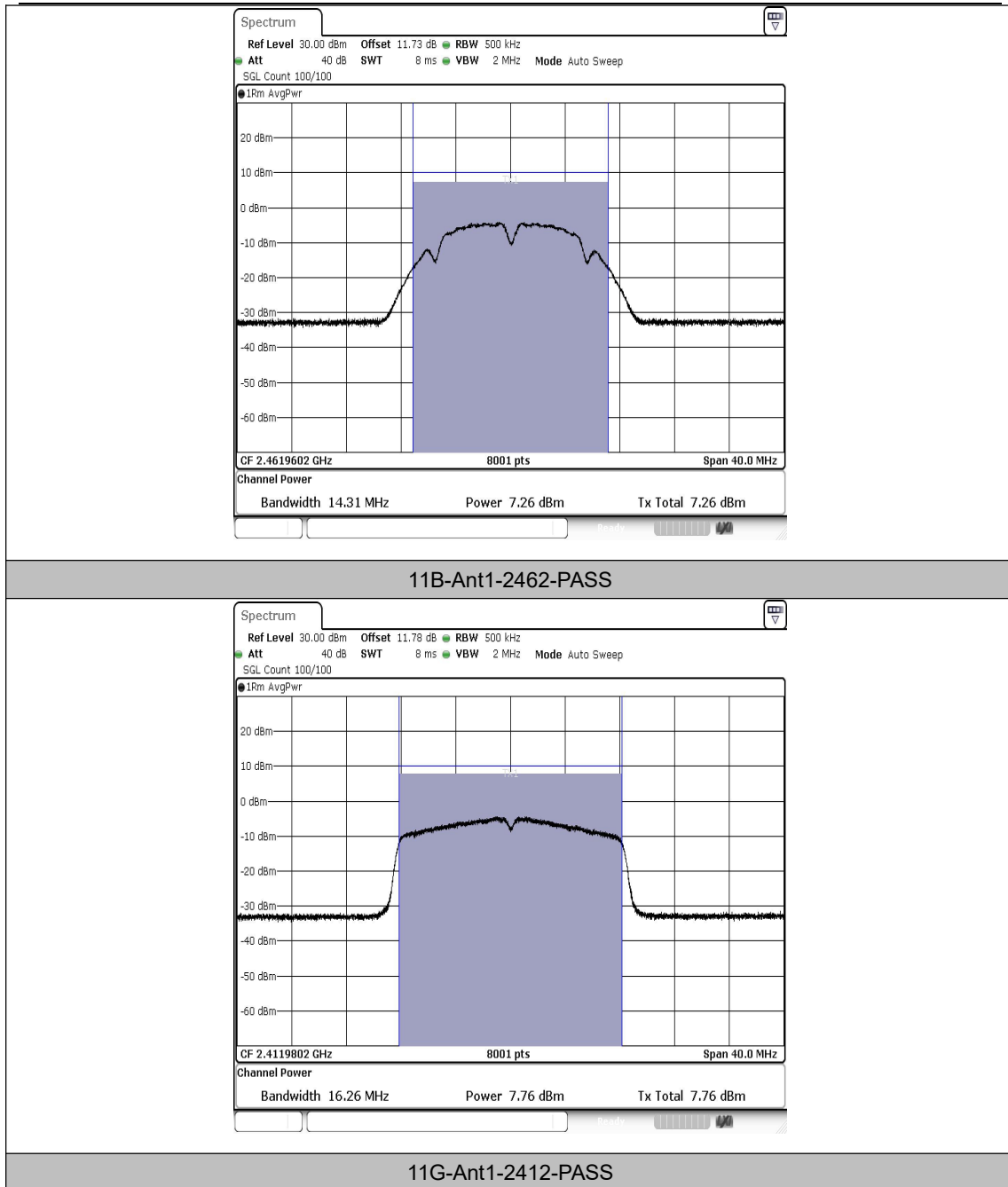
Test Graphs Average



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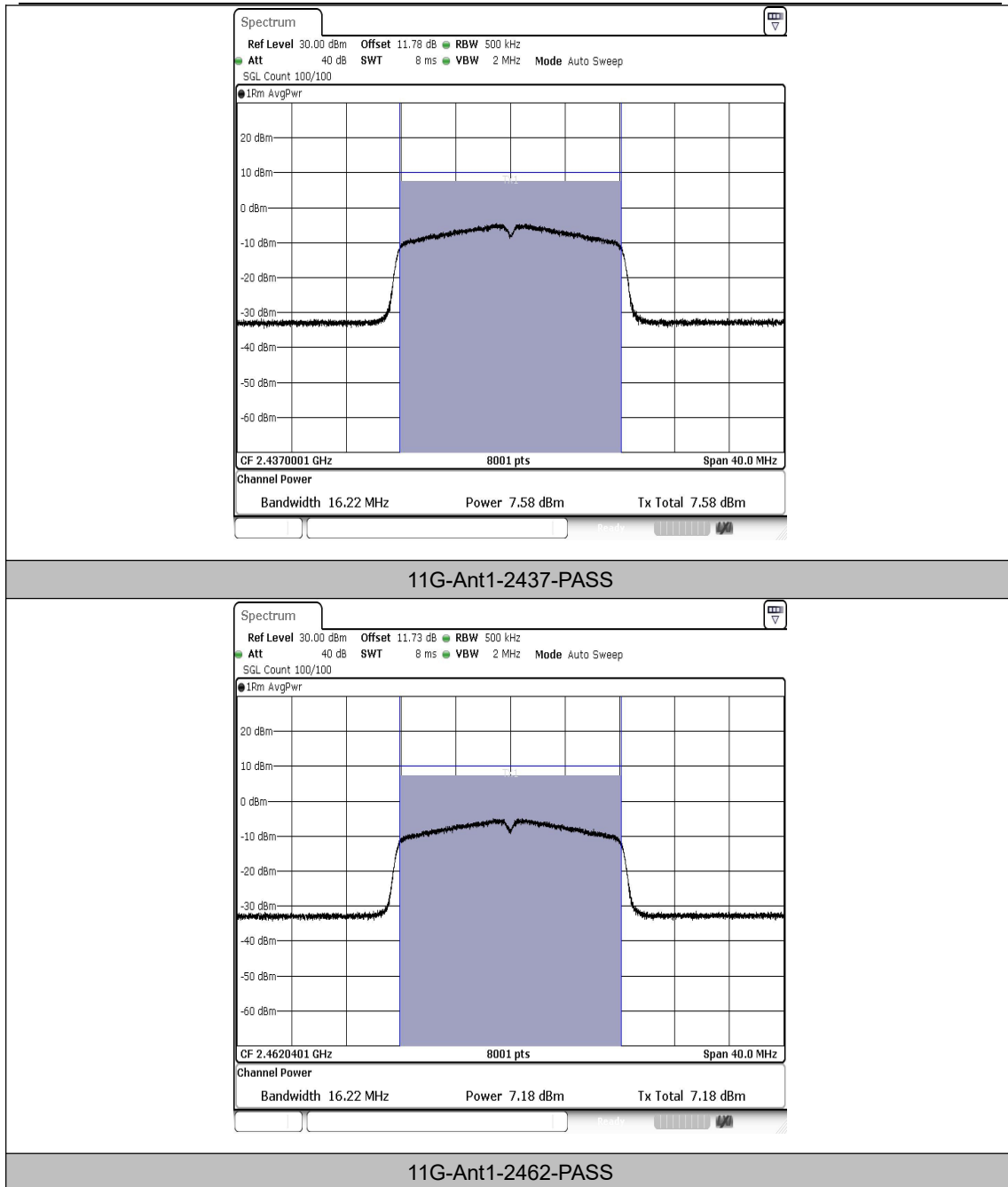
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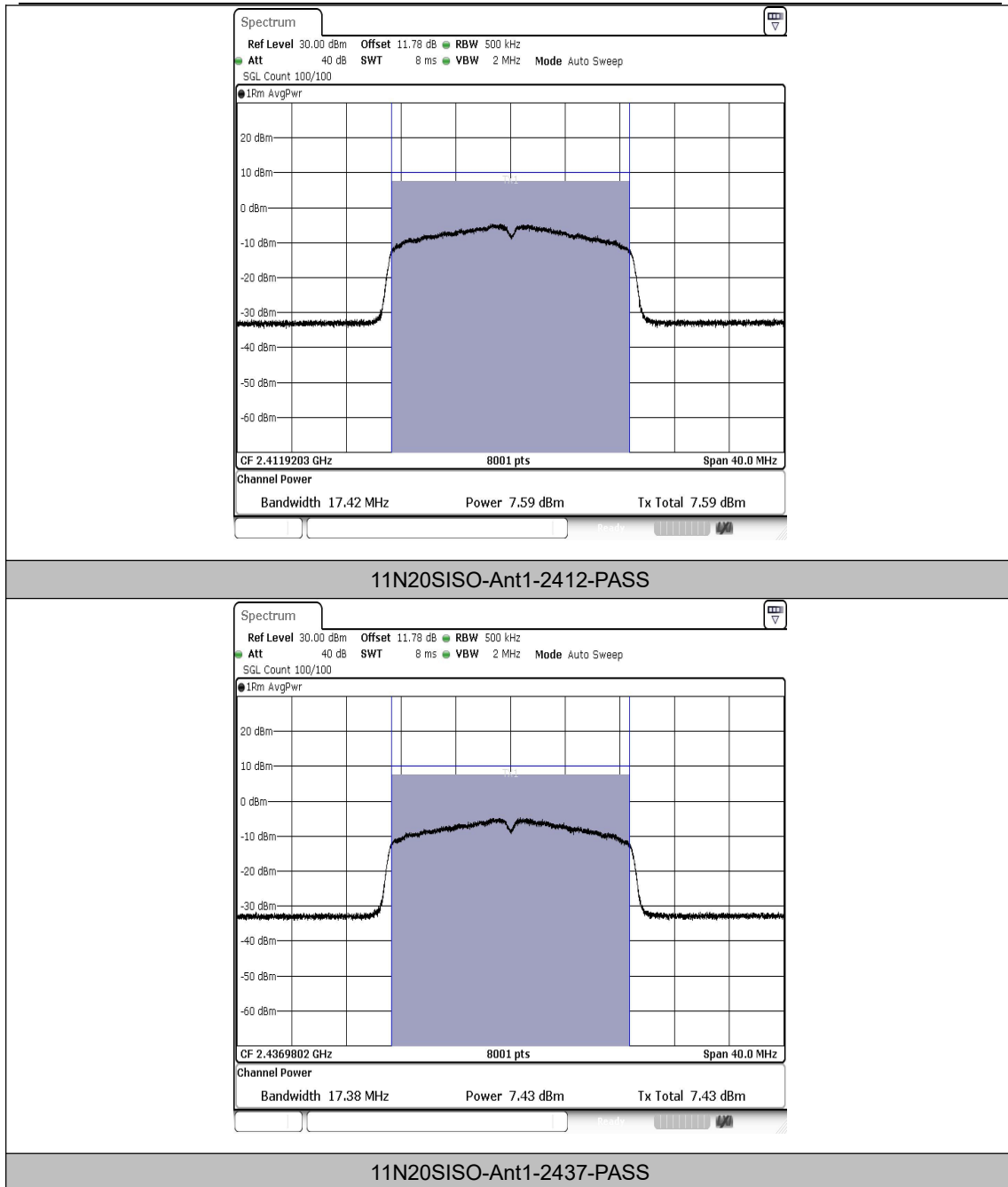
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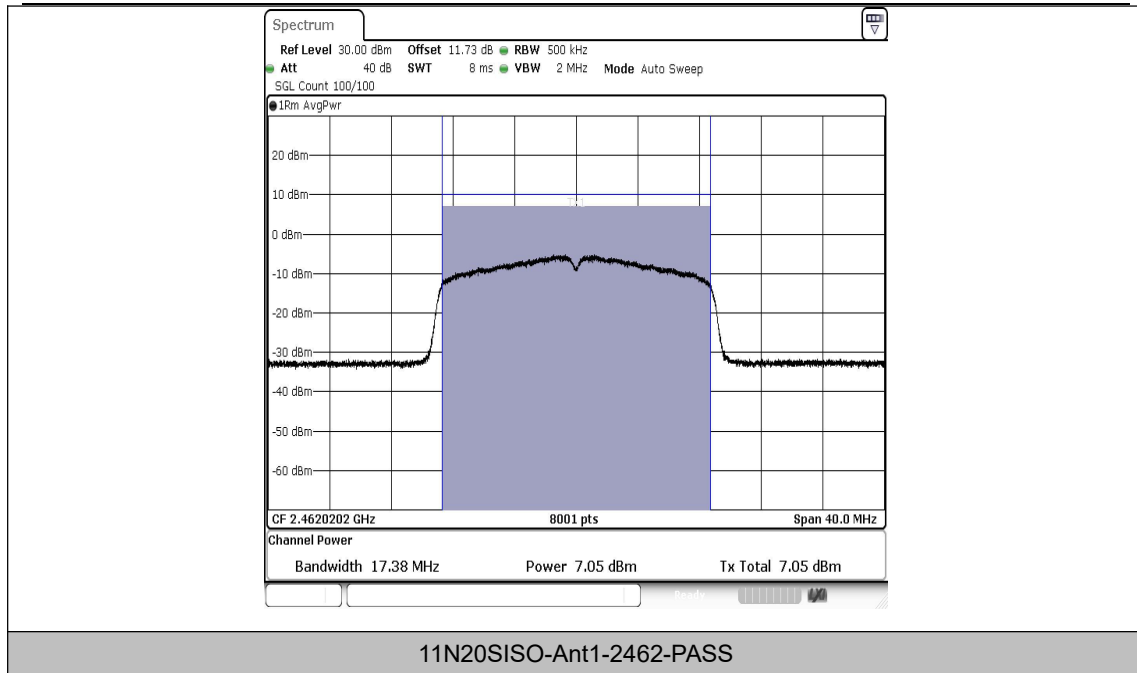
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Appendix D: Maximum power spectral density

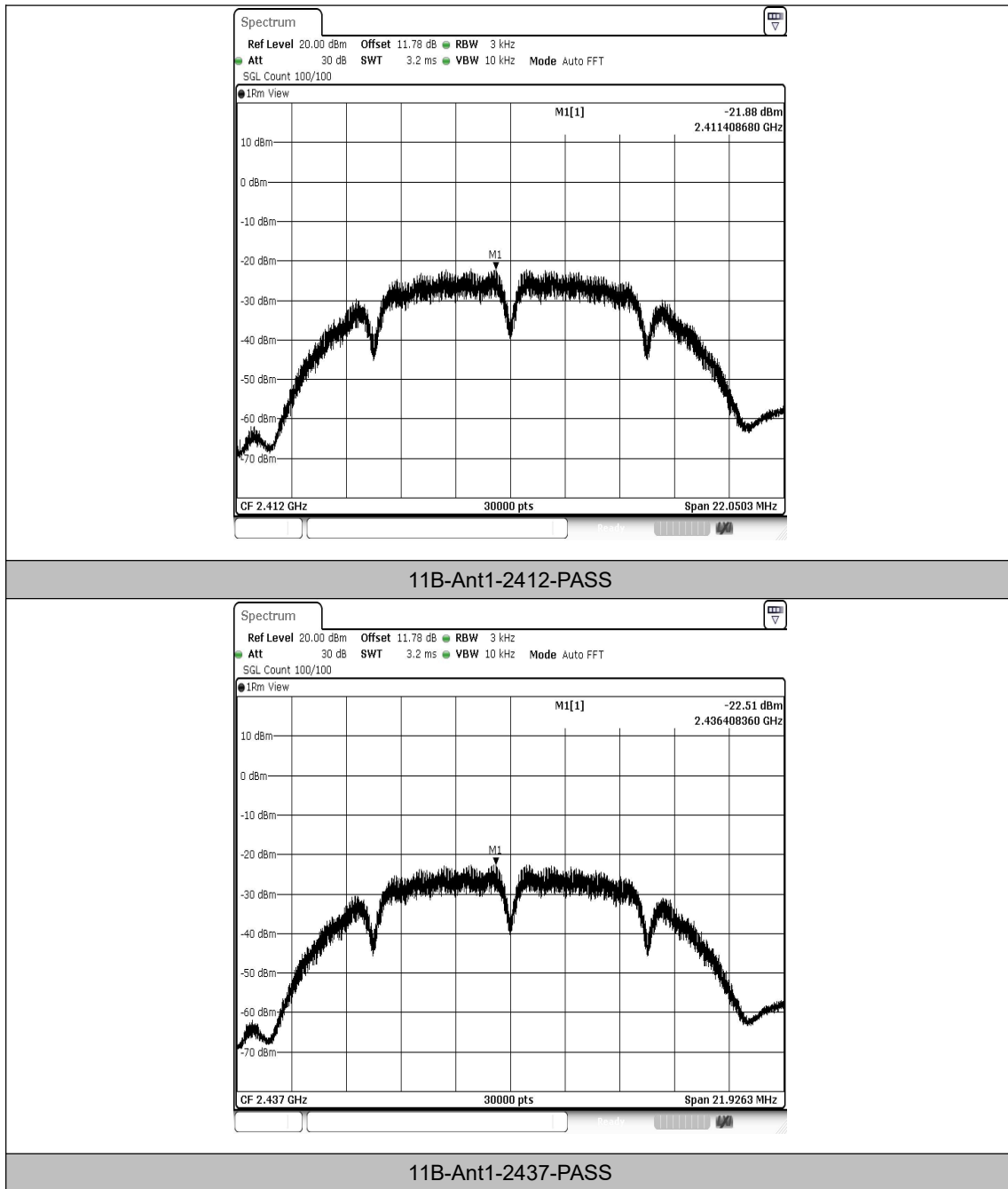
Test Result

Test Mode	Antenna	Frequency [MHz]	Reading Result [dBm/3kHz]	DC Factor [dB]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-21.88	0.00	-21.88	≤8.00	PASS
11B	Ant1	2437	-22.51	0.00	-22.51	≤8.00	PASS
11B	Ant1	2462	-23.11	0.00	-23.11	≤8.00	PASS
11G	Ant1	2412	-20.95	0.00	-20.95	≤8.00	PASS
11G	Ant1	2437	-20.94	0.00	-20.94	≤8.00	PASS
11G	Ant1	2462	-21.42	0.00	-21.42	≤8.00	PASS
11N20SISO	Ant1	2412	-19.25	0.00	-19.25	≤8.00	PASS
11N20SISO	Ant1	2437	-19.47	0.00	-19.47	≤8.00	PASS
11N20SISO	Ant1	2462	-19.91	0.00	-19.91	≤8.00	PASS

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



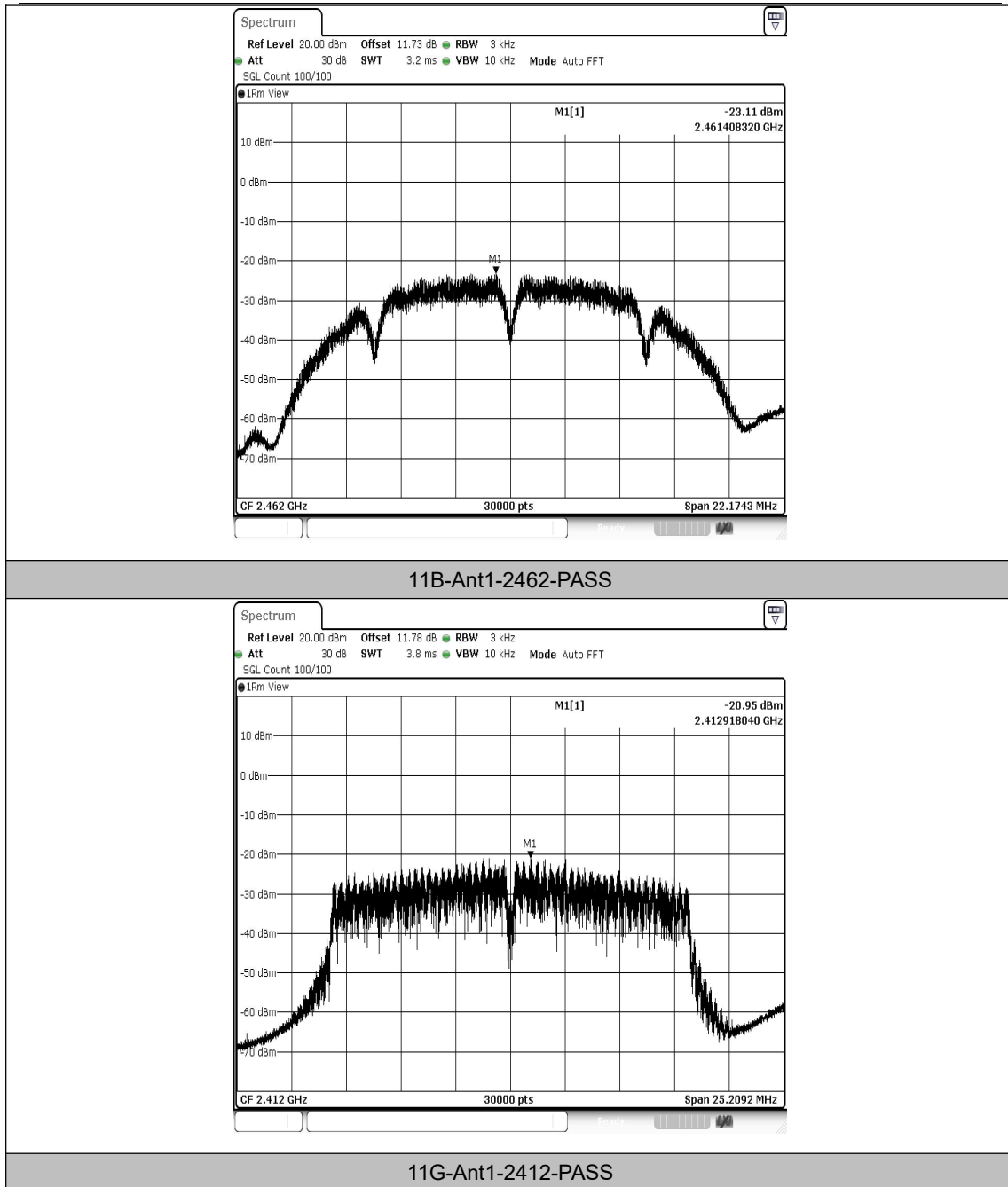
Test Graphs

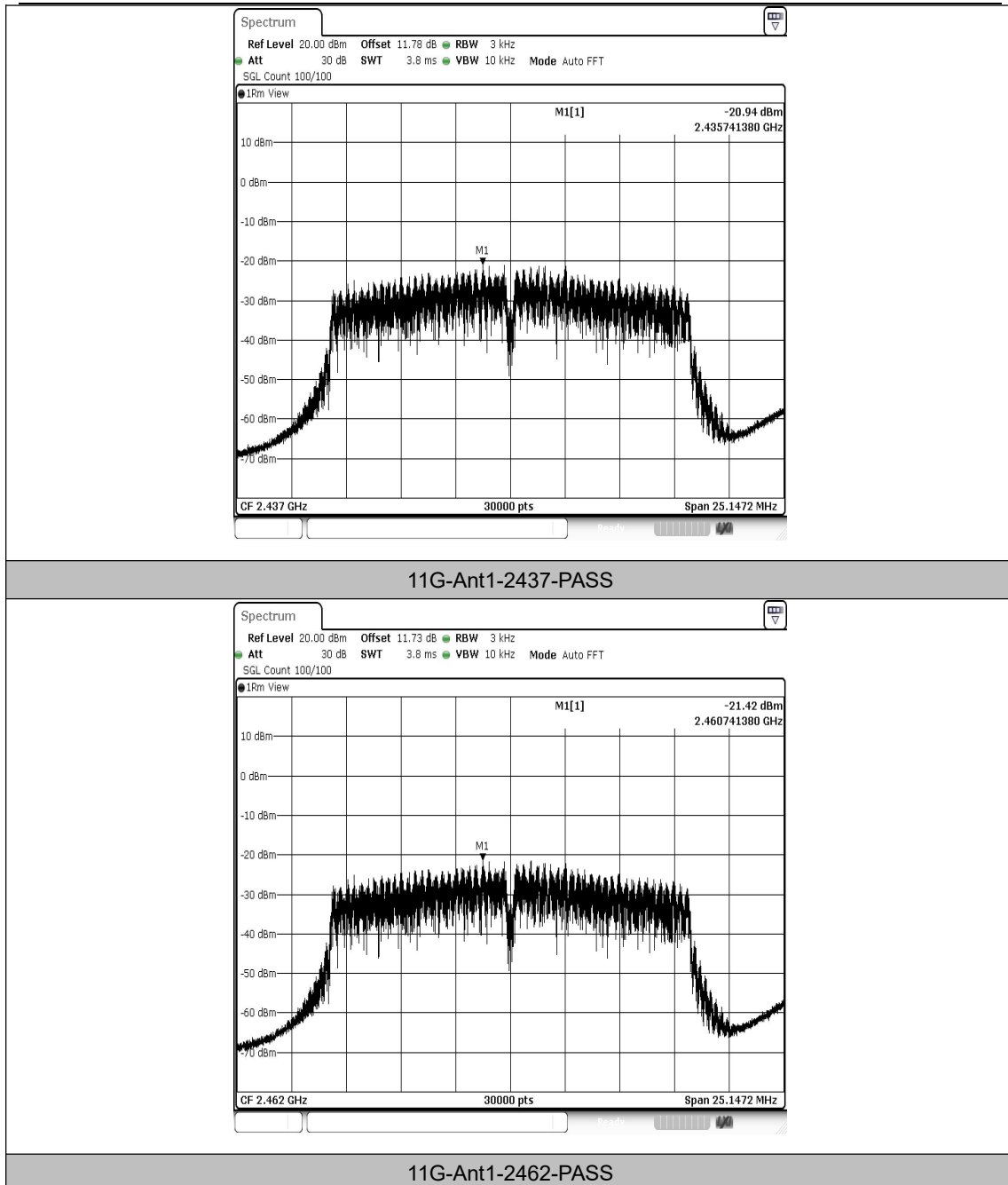


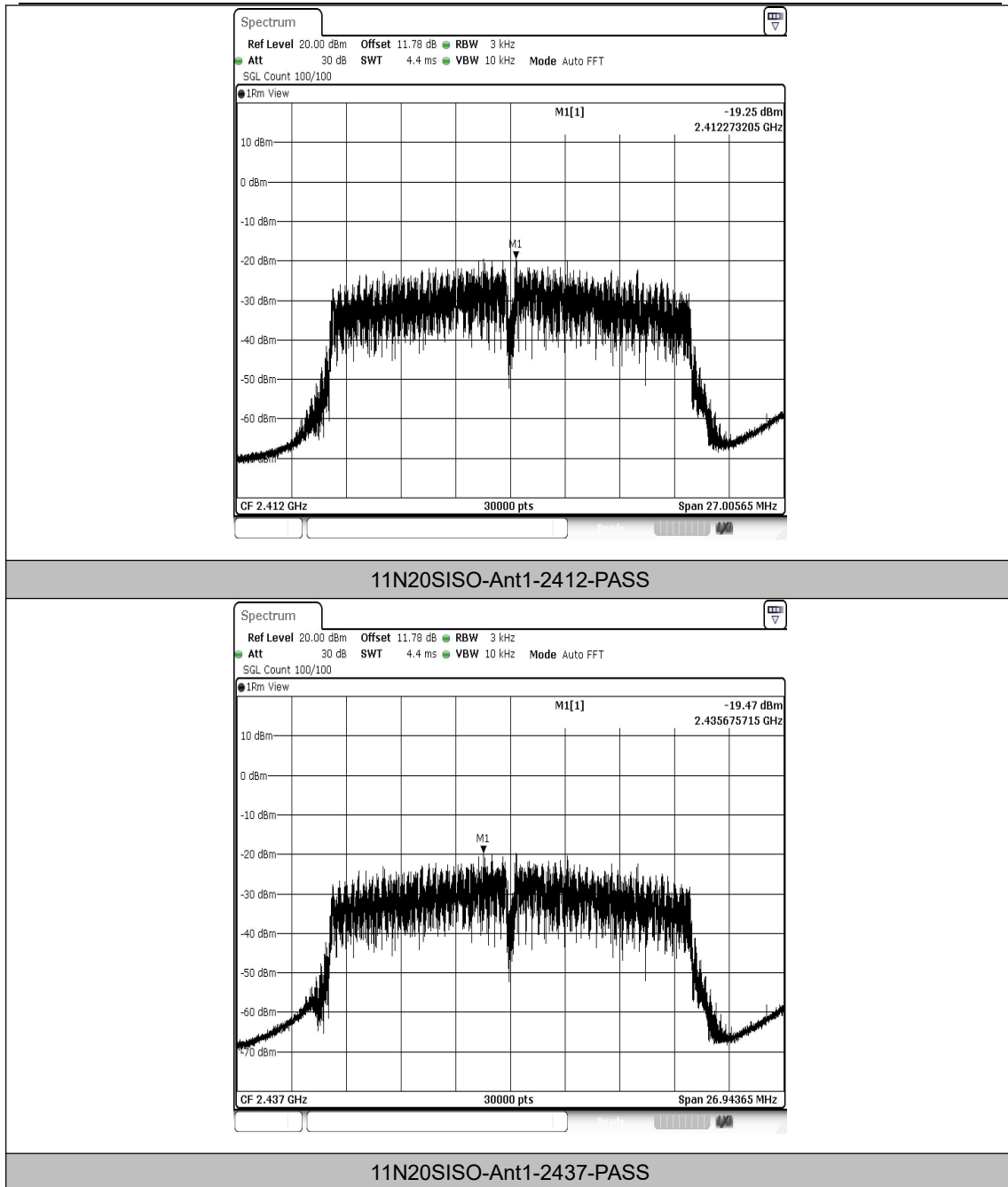
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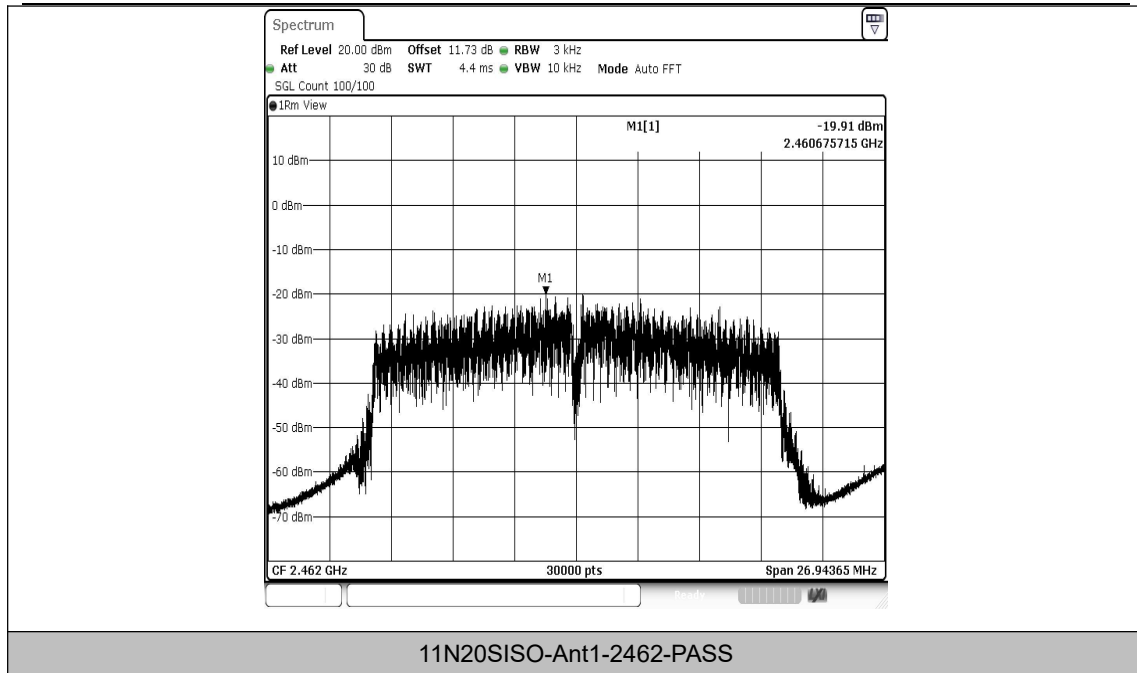




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Appendix E: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	-1.71	-50.21	≤-31.71	PASS
11B	Ant1	High	2462	-2.90	-60.25	≤-32.9	PASS
11G	Ant1	Low	2412	-3.21	-55.74	≤-33.21	PASS
11G	Ant1	High	2462	-2.58	-60.14	≤-32.58	PASS
11N20SISO	Ant1	Low	2412	-1.95	-54.38	≤-31.95	PASS
11N20SISO	Ant1	High	2462	-3.93	-58.74	≤-33.93	PASS

