

Appendix Test Data

Report No:	182512C400555102	Test Sample NO:	1-2-2
Start Test Date:	2024.08.19	Finish Test Date:	2024.08.19
Test Engineer:	Joker Huang	Auditor:	Justin Feng
Temperature:	24.3℃	Relative Humidity:	56%
Pressure:	101 kPa		

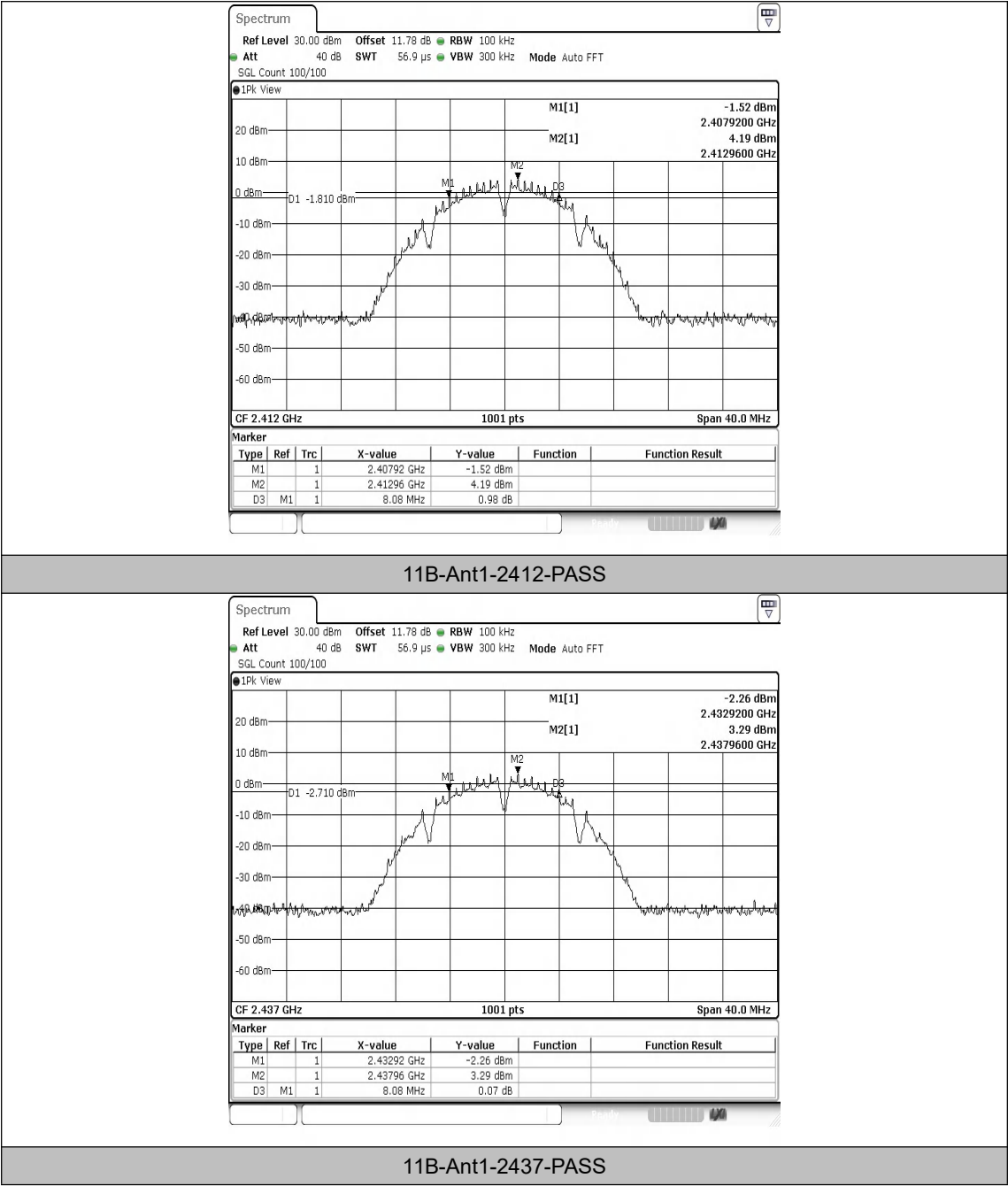
Appendix A: DTS Bandwidth

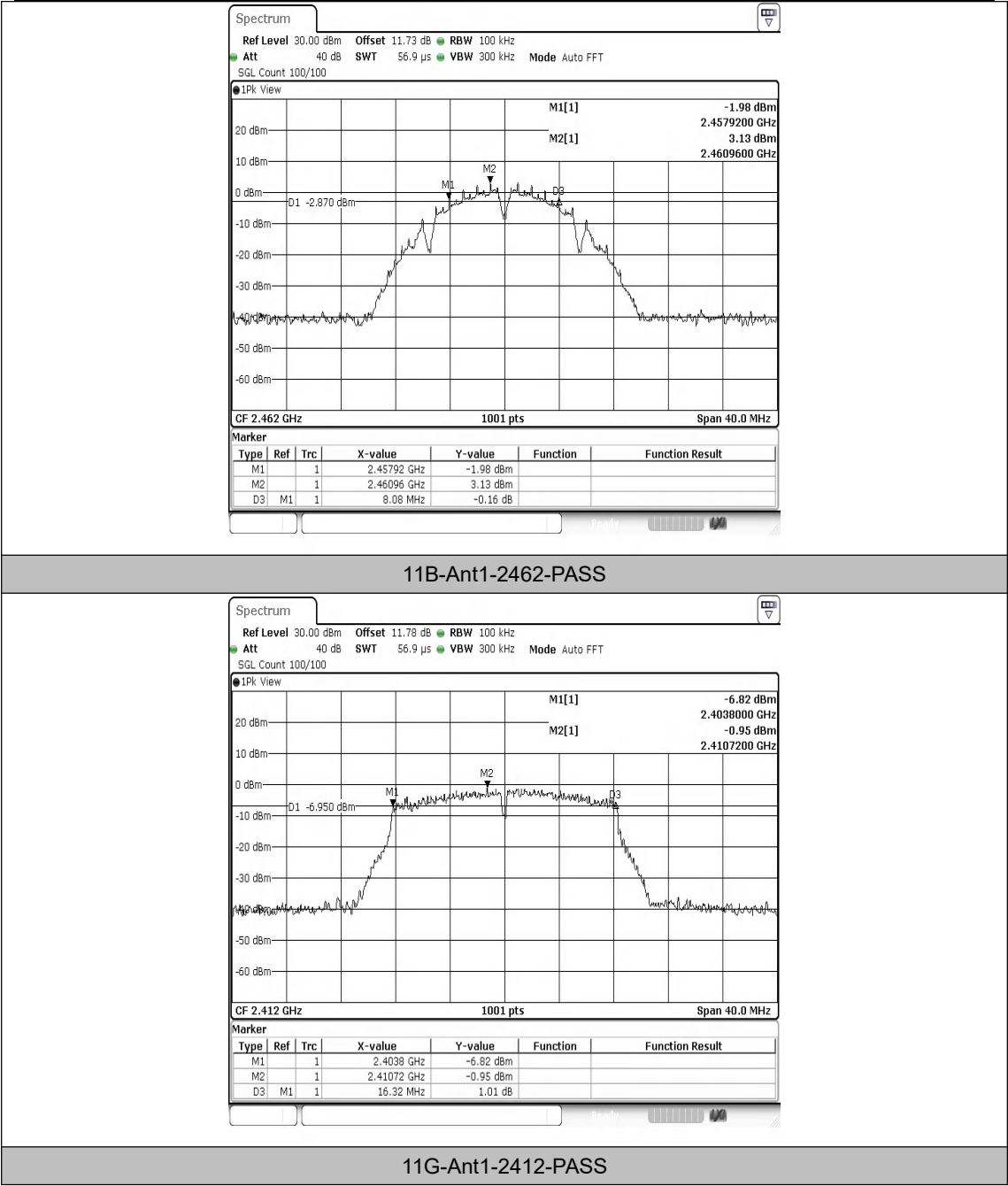
Test Result

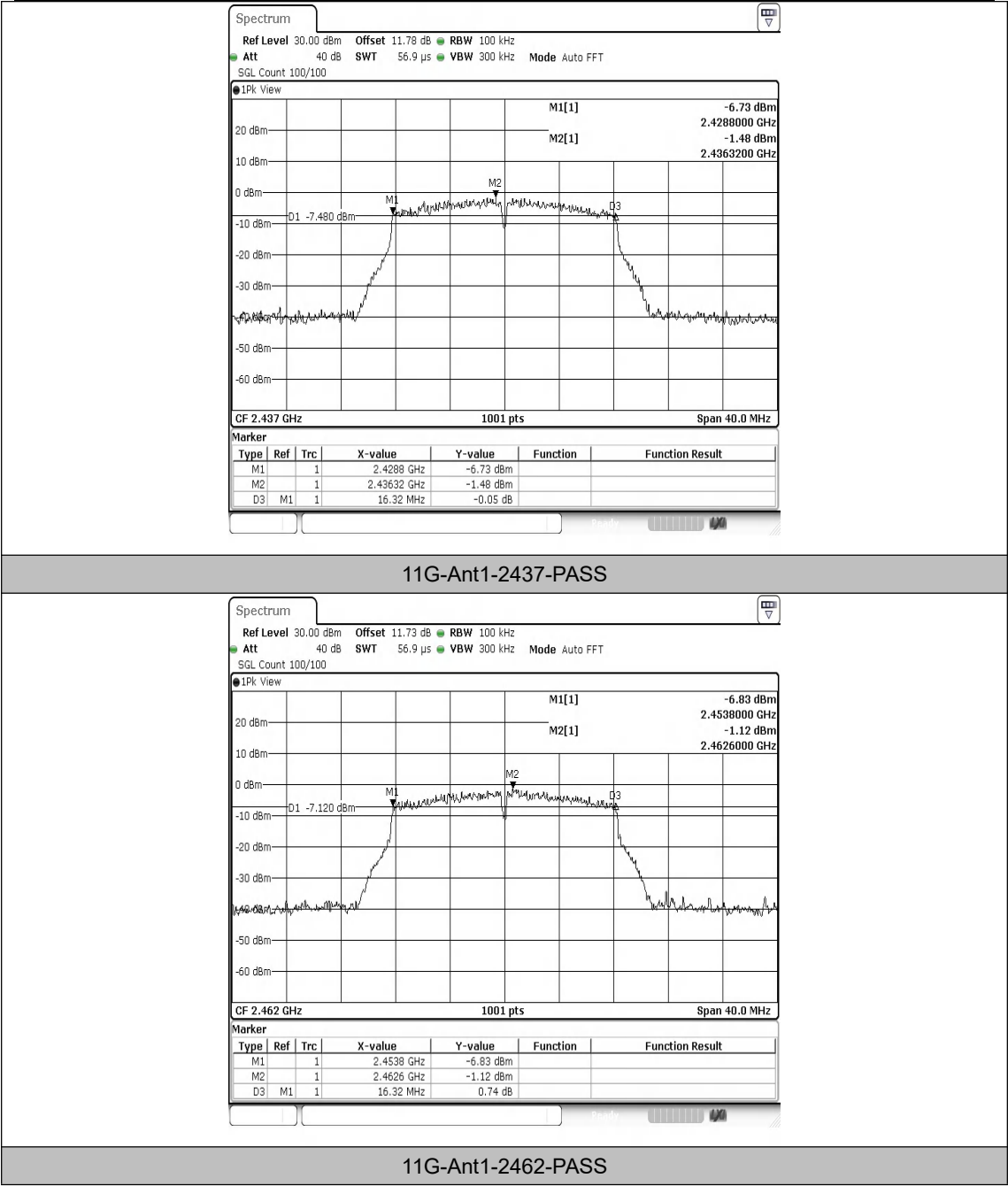
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.08	2407.92	2416.00	0.5	PASS
11B	Ant1	2437	8.08	2432.92	2441.00	0.5	PASS
11B	Ant1	2462	8.08	2457.92	2466.00	0.5	PASS
11G	Ant1	2412	16.32	2403.80	2420.12	0.5	PASS
11G	Ant1	2437	16.32	2428.80	2445.12	0.5	PASS
11G	Ant1	2462	16.32	2453.80	2470.12	0.5	PASS
11N20SISO	Ant1	2412	17.20	2403.56	2420.76	0.5	PASS
11N20SISO	Ant1	2437	17.60	2428.16	2445.76	0.5	PASS
11N20SISO	Ant1	2462	17.60	2453.16	2470.76	0.5	PASS

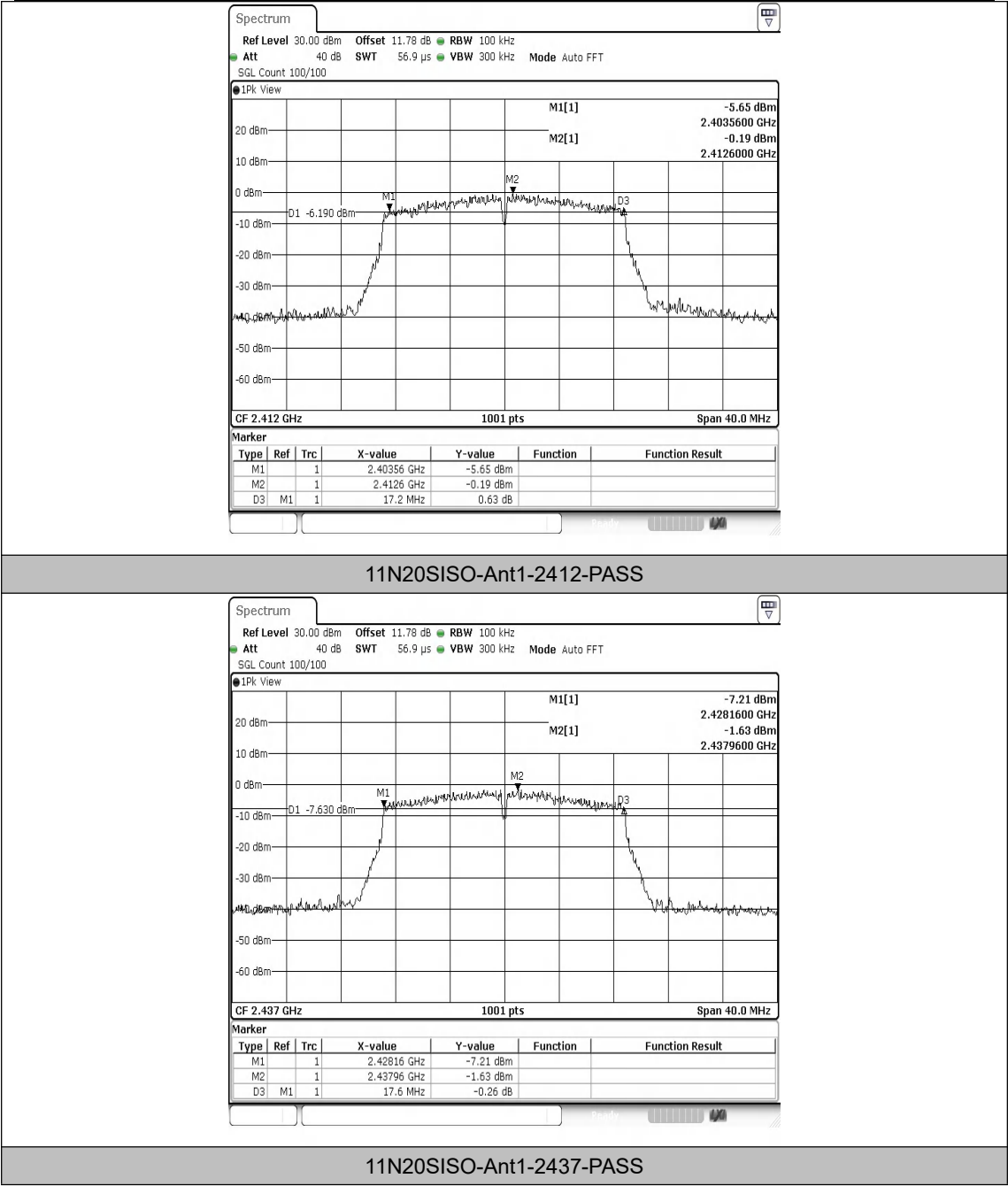


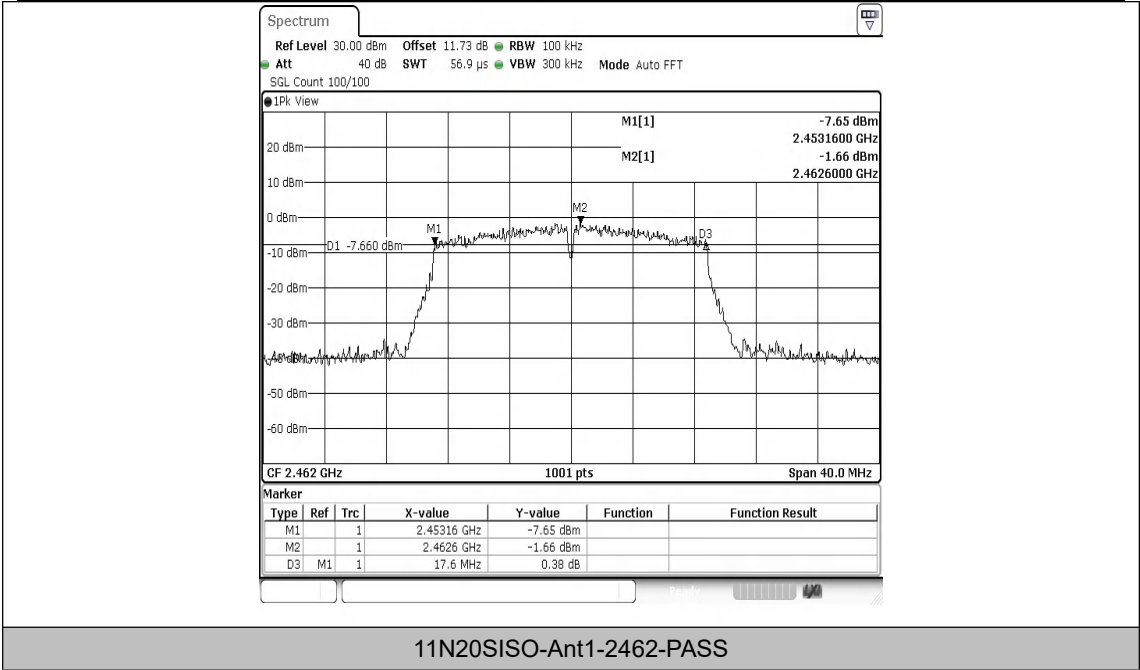
Test Graphs











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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	2405.8062	2418.3936	---	---
11B	Ant1	2437	12.707	2430.6064	2443.3137	---	---
11B	Ant1	2462	12.907	2455.4865	2468.3936	---	---
11G	Ant1	2412	16.623	2403.6484	2420.2717	---	---
11G	Ant1	2437	16.903	2428.6484	2445.5514	---	---
11G	Ant1	2462	17.023	2453.4086	2470.4316	---	---
11N20SISO	Ant1	2412	17.822	2403.0889	2420.9111	---	---
11N20SISO	Ant1	2437	17.942	2427.9690	2445.9111	---	---
11N20SISO	Ant1	2462	18.022	2452.8492	2470.8711	---	---

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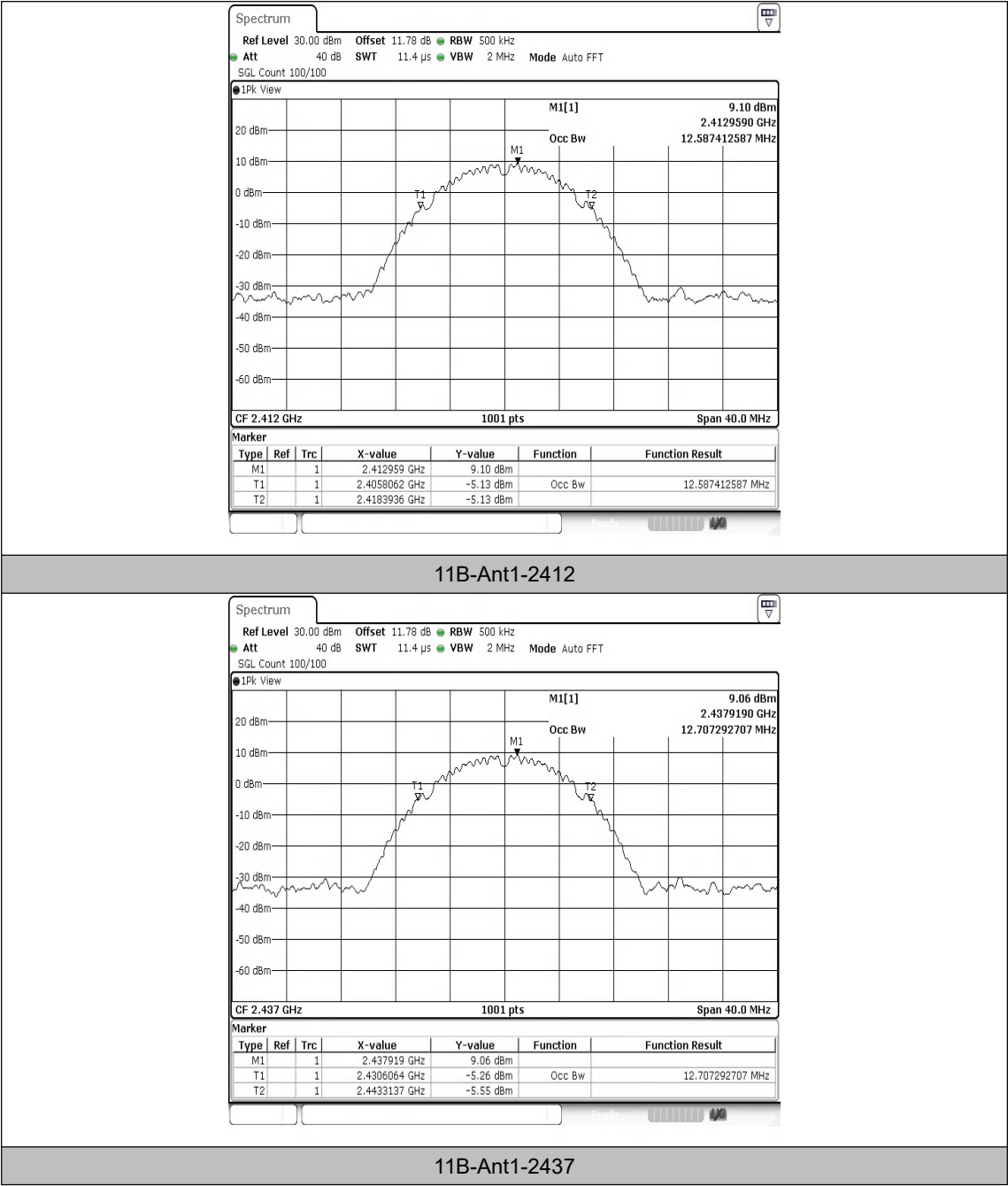
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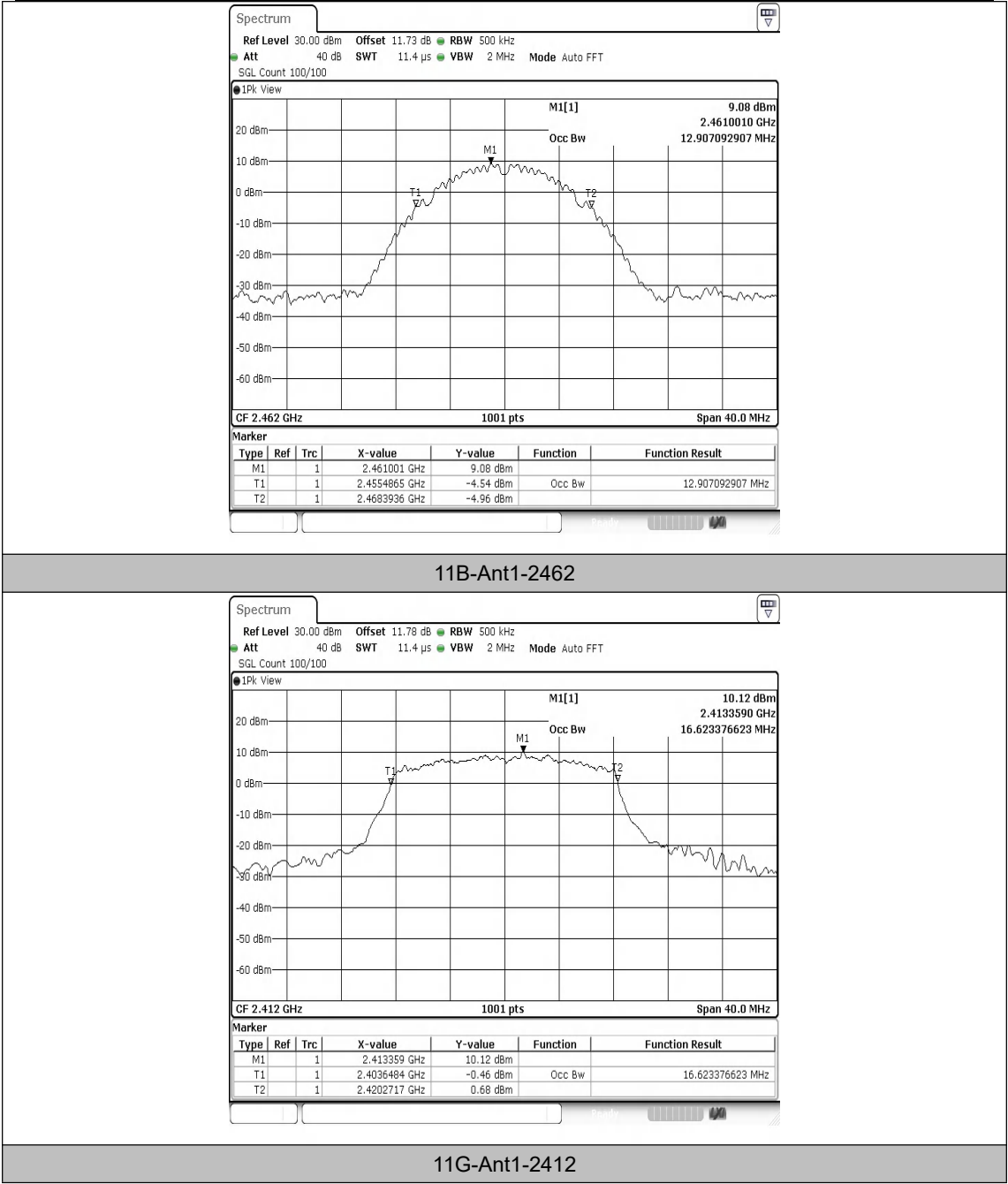


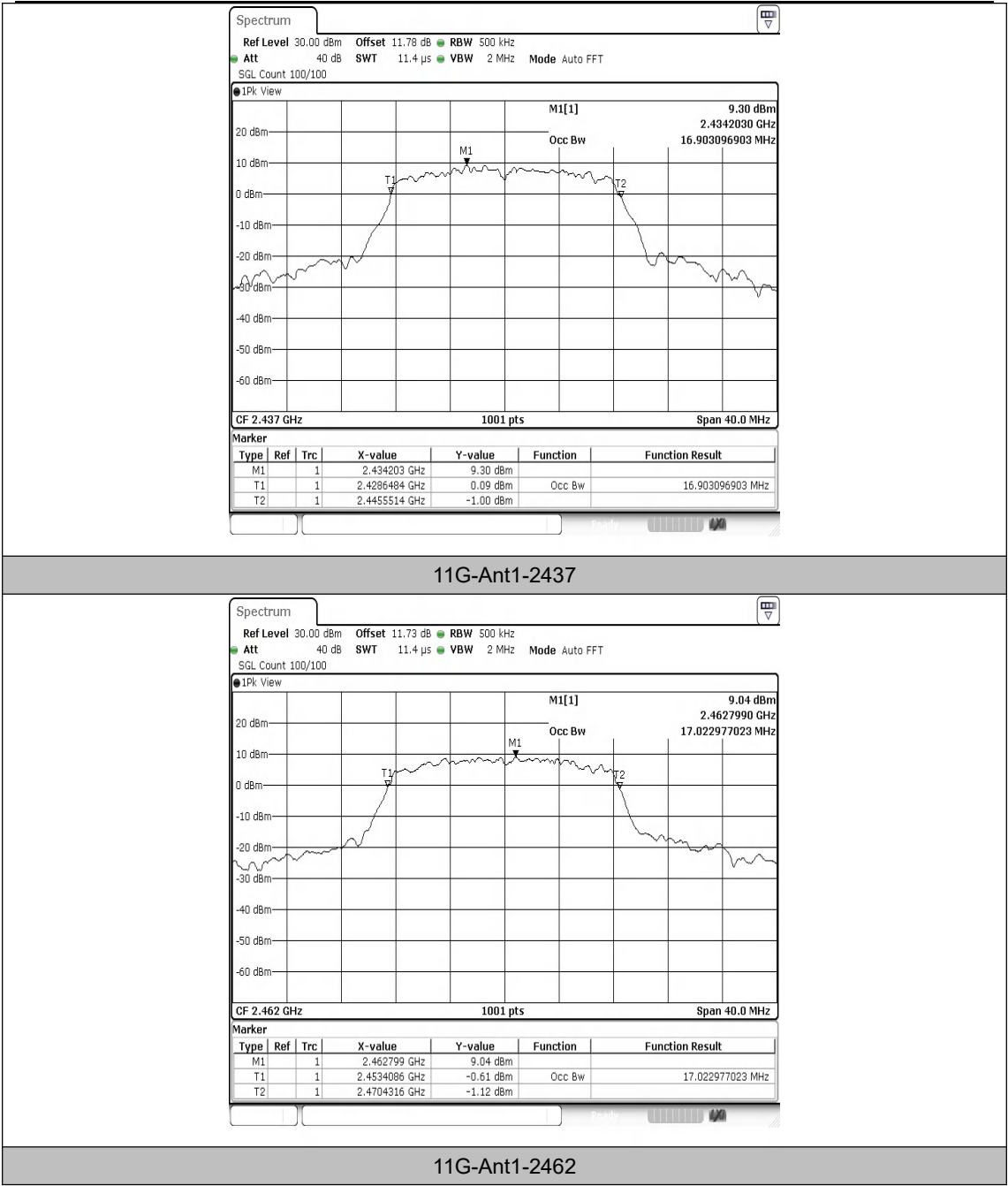
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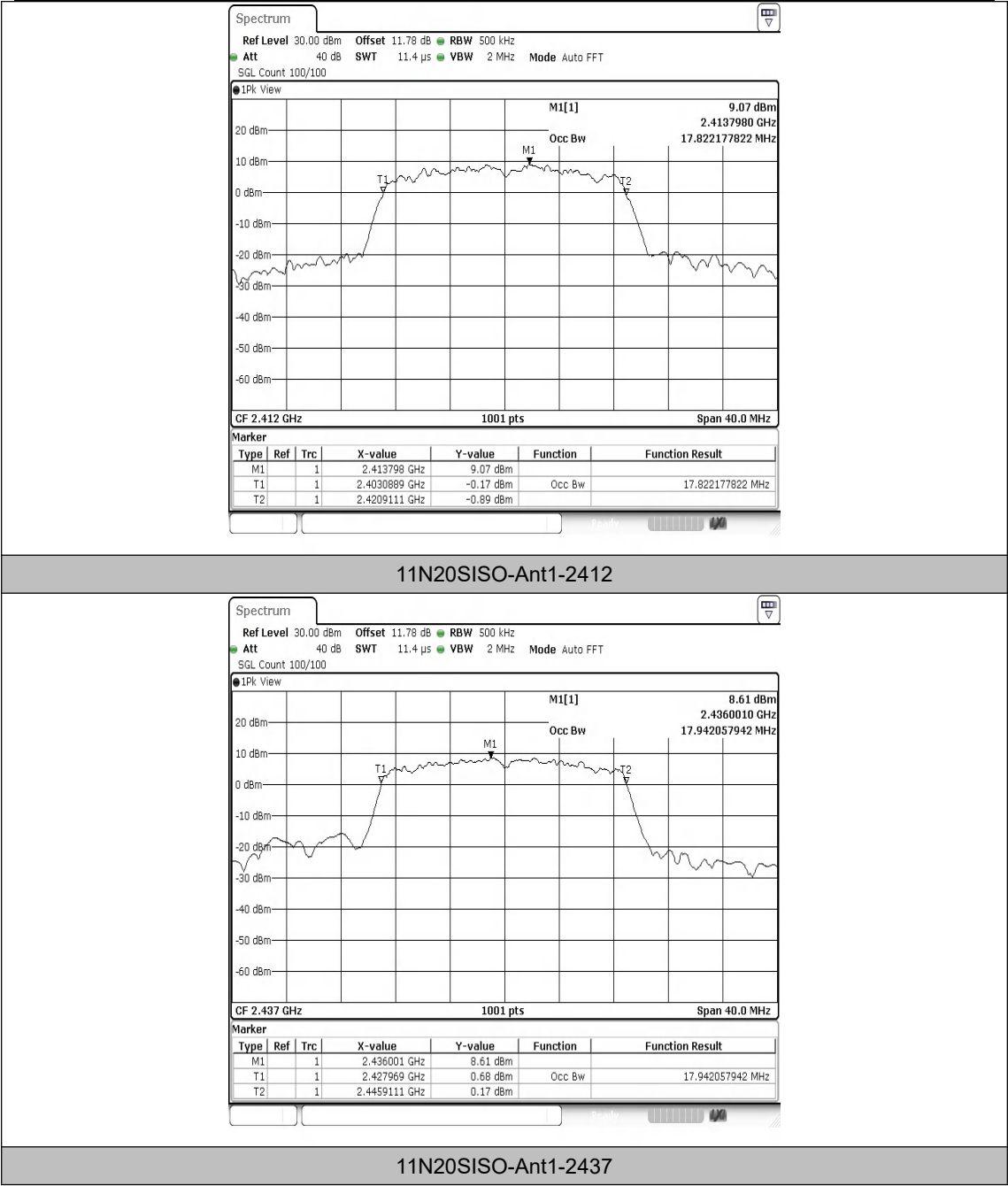


Test Graphs











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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	16.76	100.00	0.00	16.76	≤30.00	PASS
11B	Ant1	2437	NA	16.78	100.00	0.00	16.78	≤30.00	PASS
11B	Ant1	2462	NA	16.81	100.00	0.00	16.81	≤30.00	PASS
11G	Ant1	2412	NA	16.46	100.00	0.00	16.46	≤30.00	PASS
11G	Ant1	2437	NA	16.12	100.00	0.00	16.12	≤30.00	PASS
11G	Ant1	2462	NA	16.39	100.00	0.00	16.39	≤30.00	PASS
11N20SISO	Ant1	2412	NA	16.28	100.00	0.00	16.28	≤30.00	PASS
11N20SISO	Ant1	2437	NA	16.38	100.00	0.00	16.38	≤30.00	PASS
11N20SISO	Ant1	2462	NA	16.42	100.00	0.00	16.42	≤30.00	PASS

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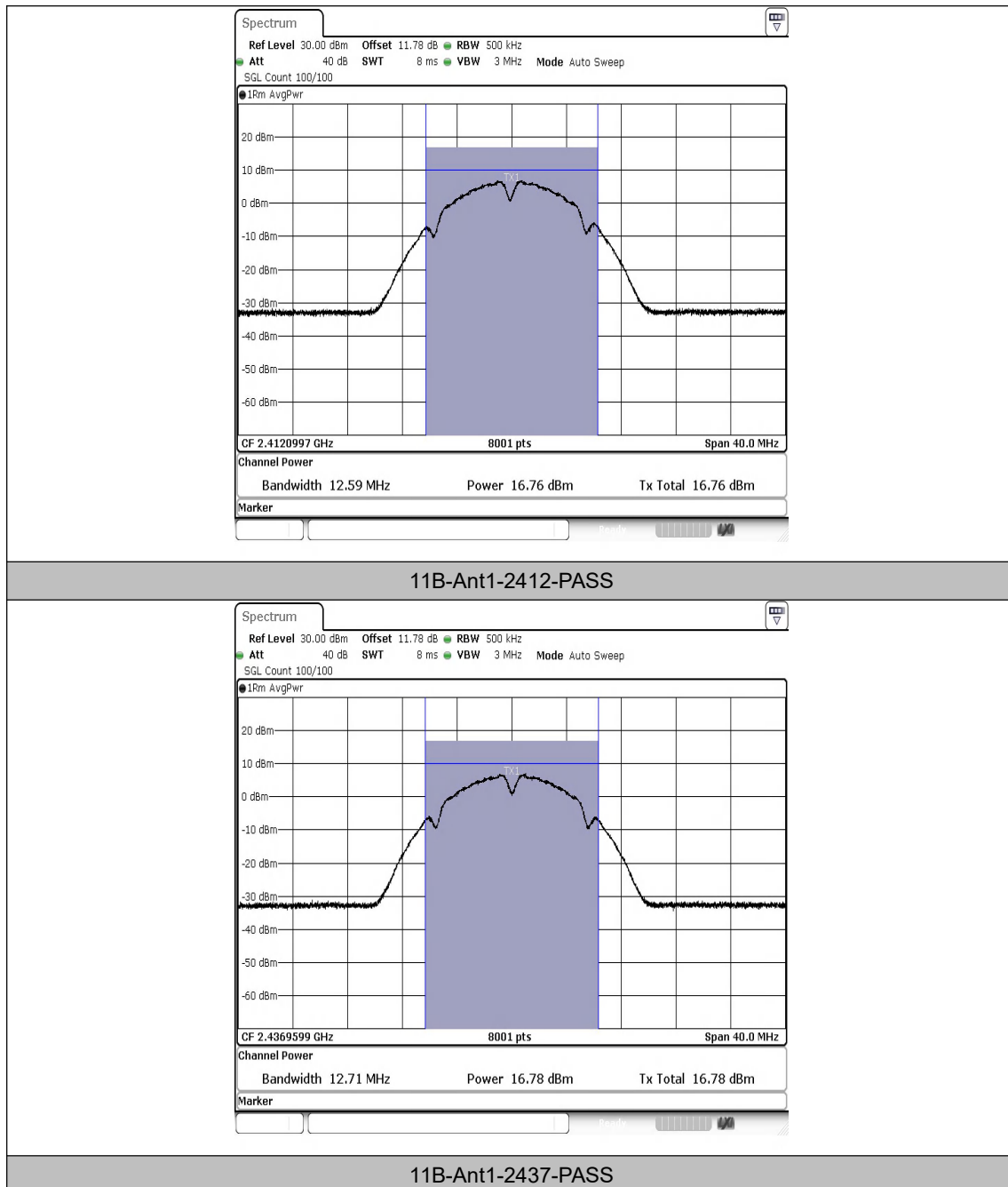
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Test Graphs Average

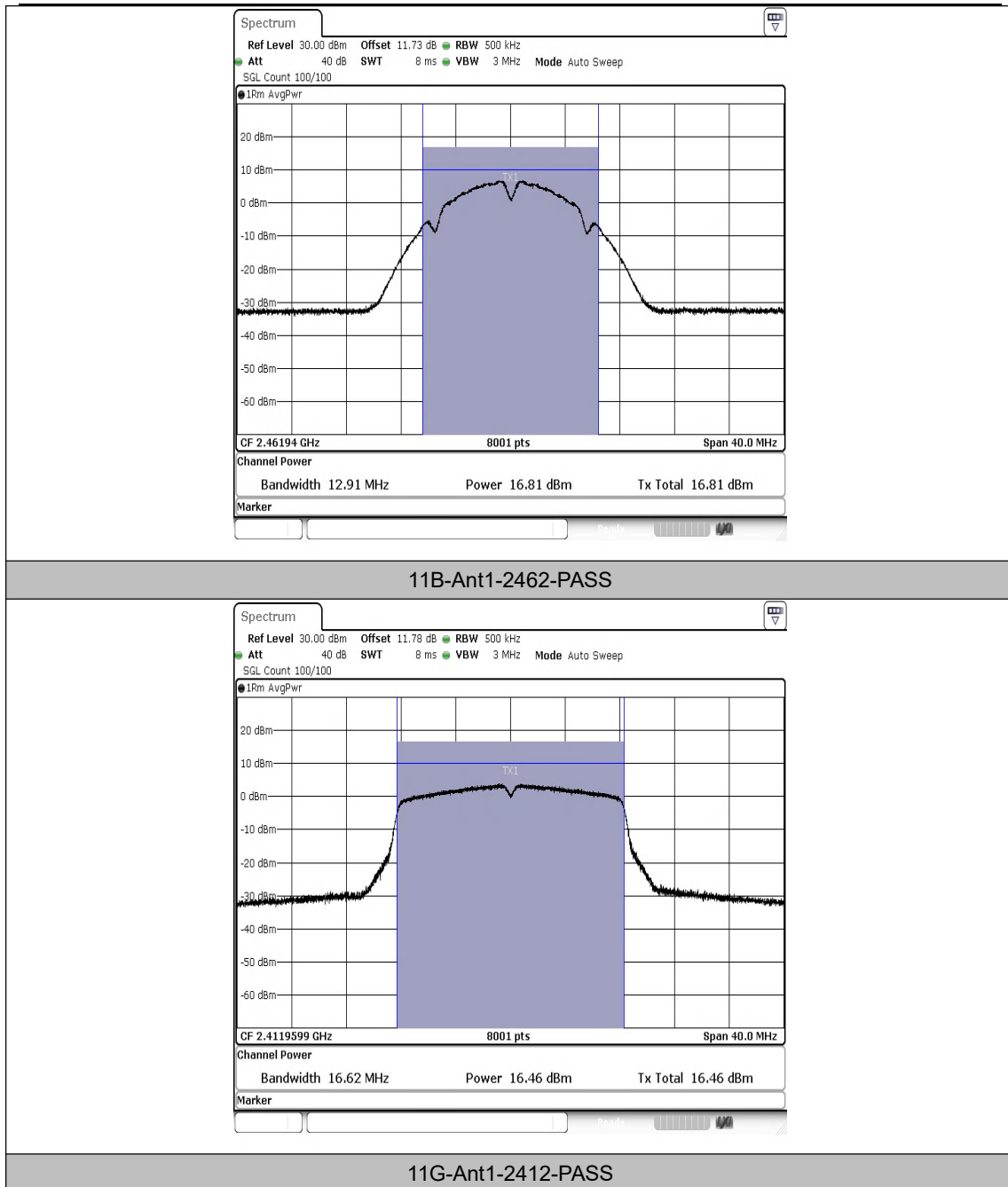


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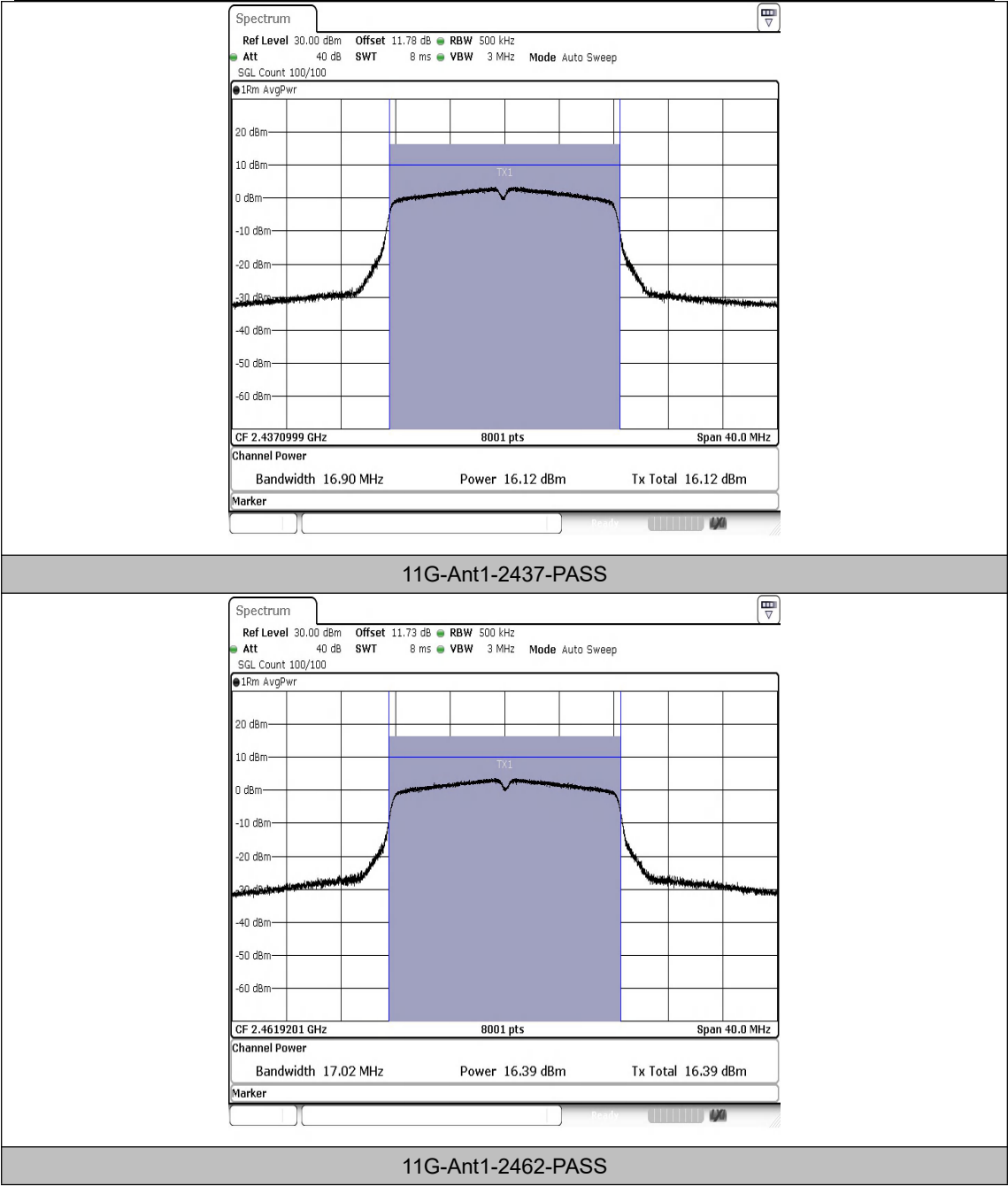


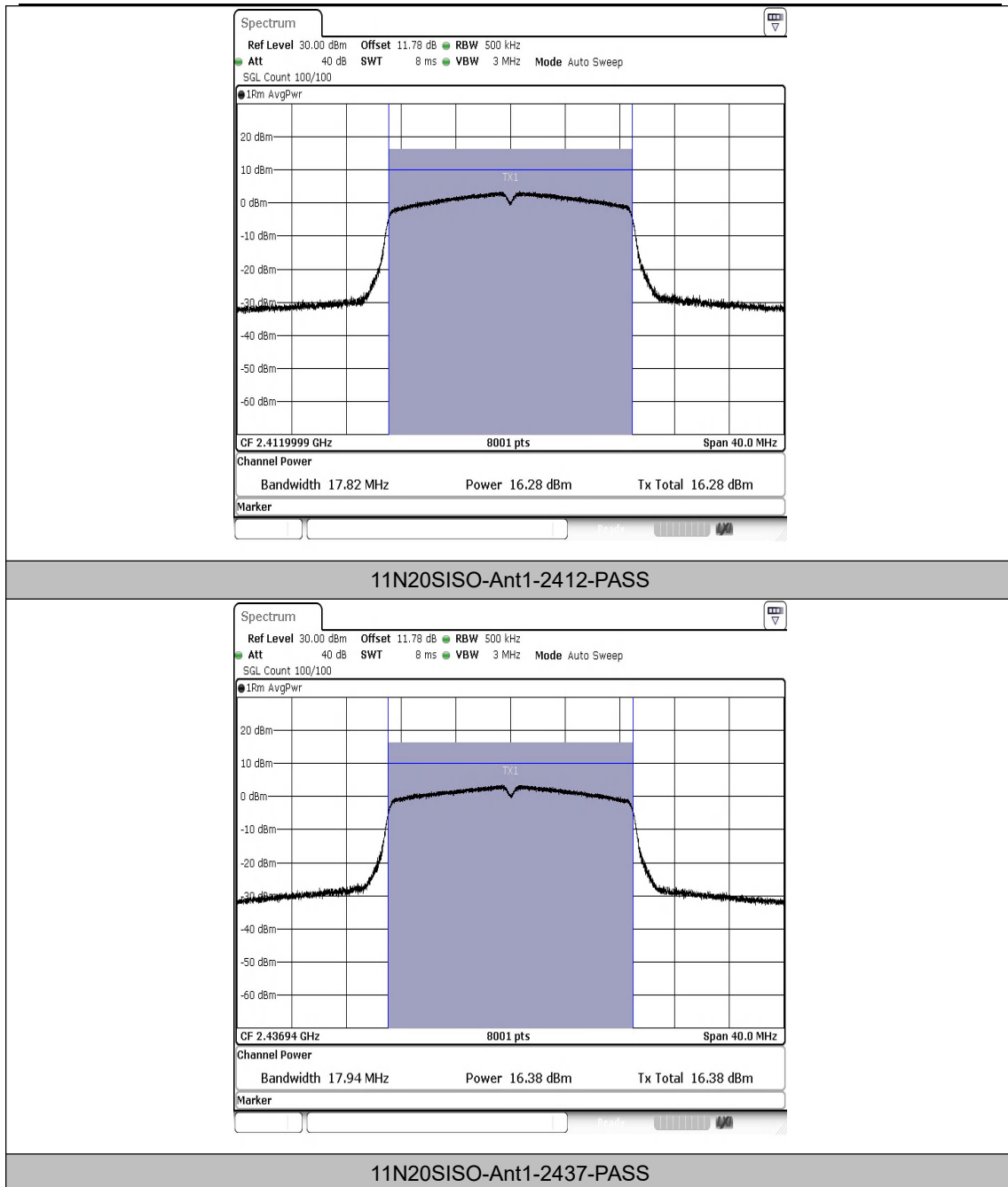
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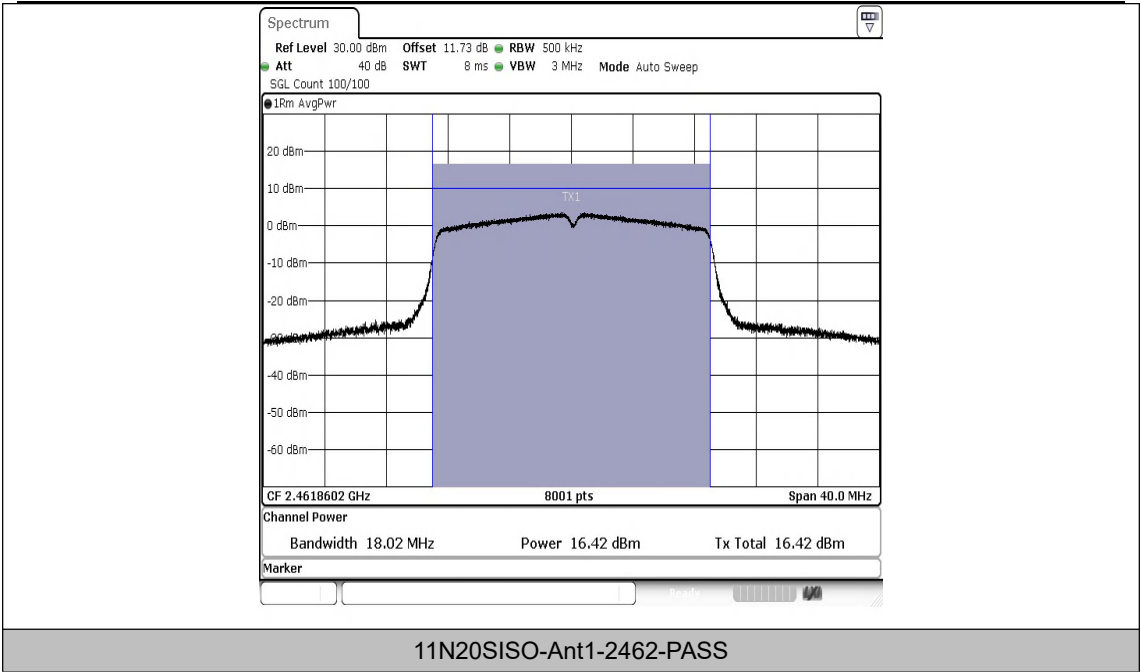


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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-14.11	≤8.00	PASS
11B	Ant1	2437	-14.31	≤8.00	PASS
11B	Ant1	2462	-14.03	≤8.00	PASS
11G	Ant1	2412	-16.47	≤8.00	PASS
11G	Ant1	2437	-16.99	≤8.00	PASS
11G	Ant1	2462	-16.63	≤8.00	PASS
11N20SISO	Ant1	2412	-16.83	≤8.00	PASS
11N20SISO	Ant1	2437	-16.64	≤8.00	PASS
11N20SISO	Ant1	2462	-16.59	≤8.00	PASS

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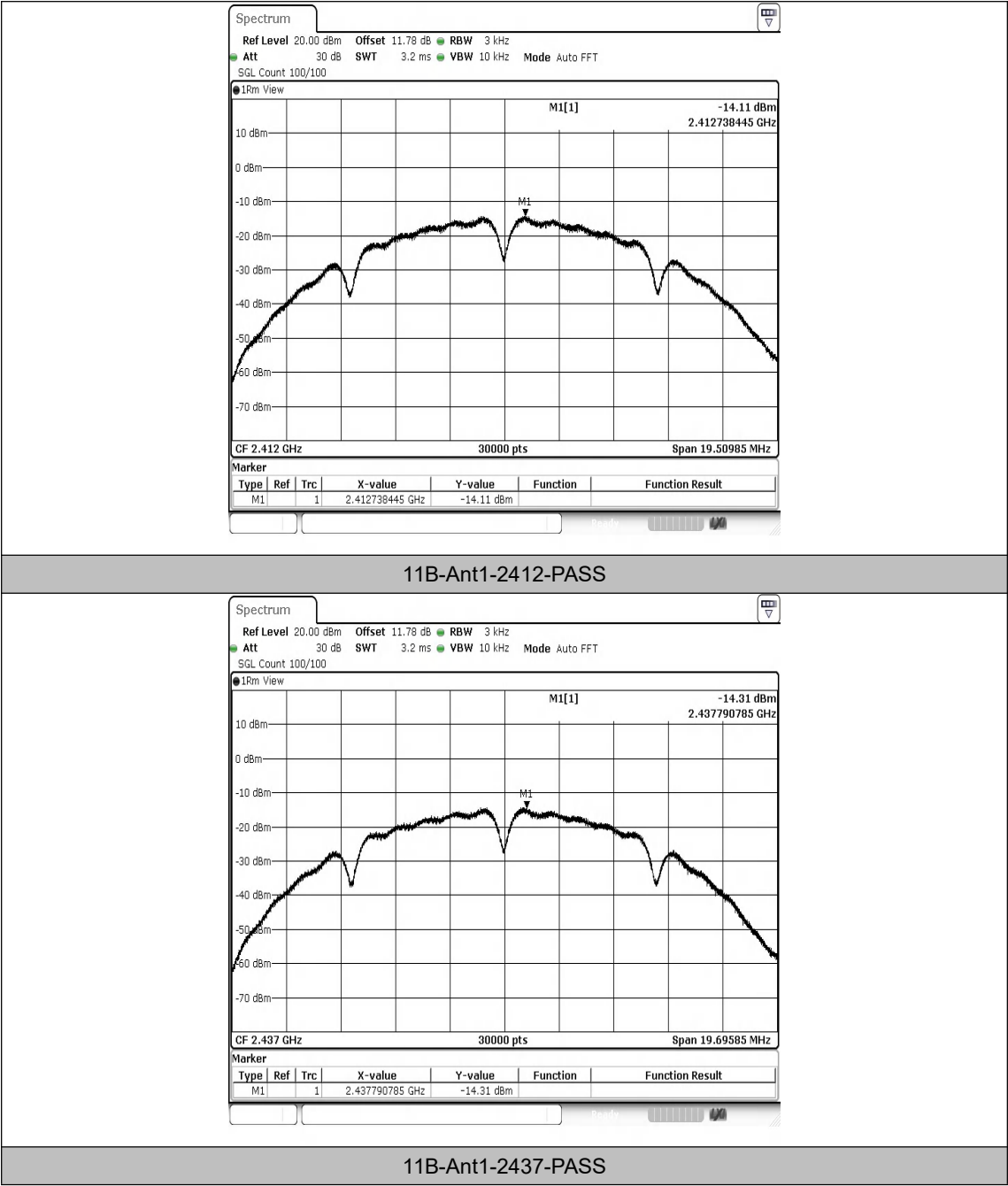
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Test Graphs

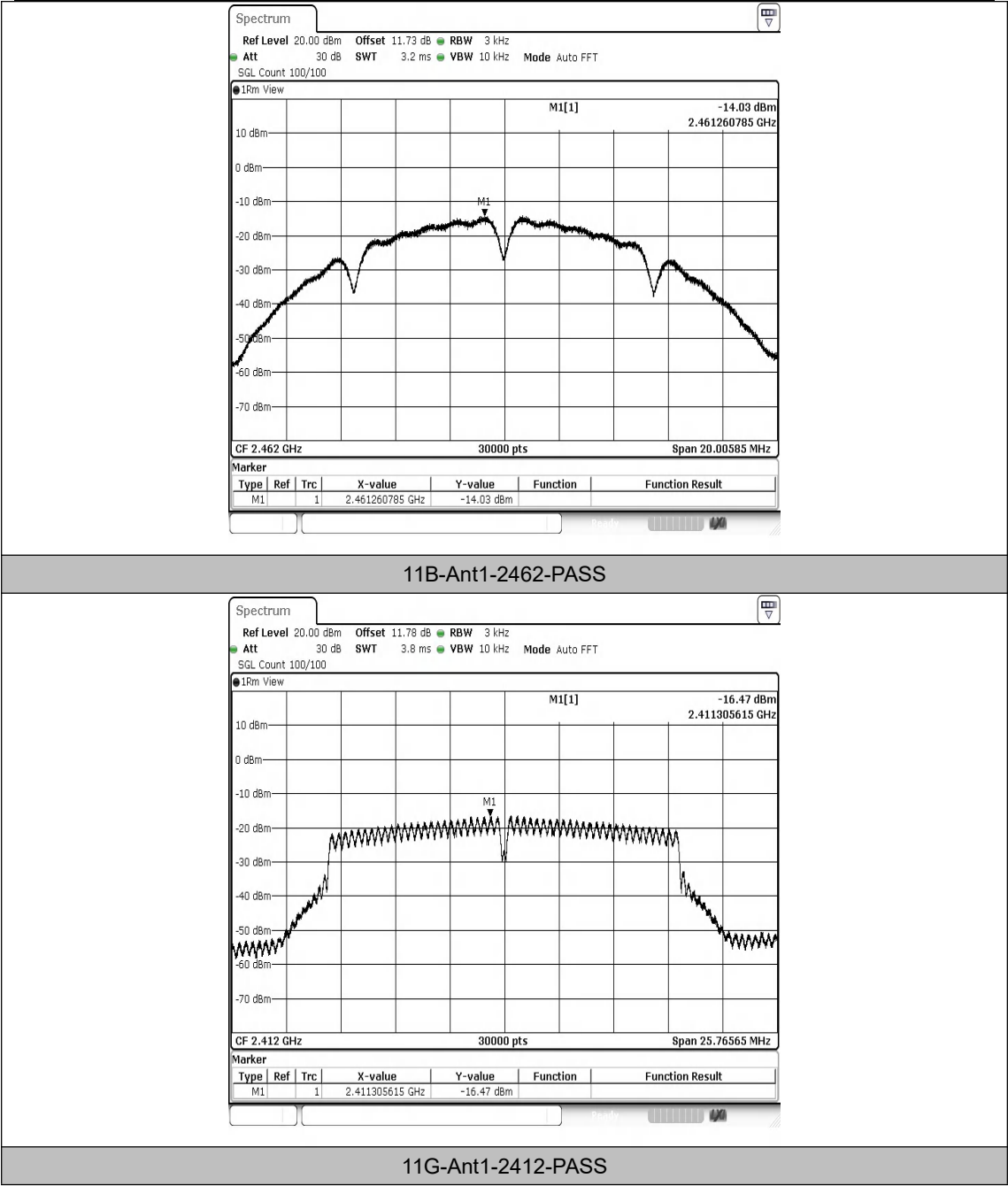


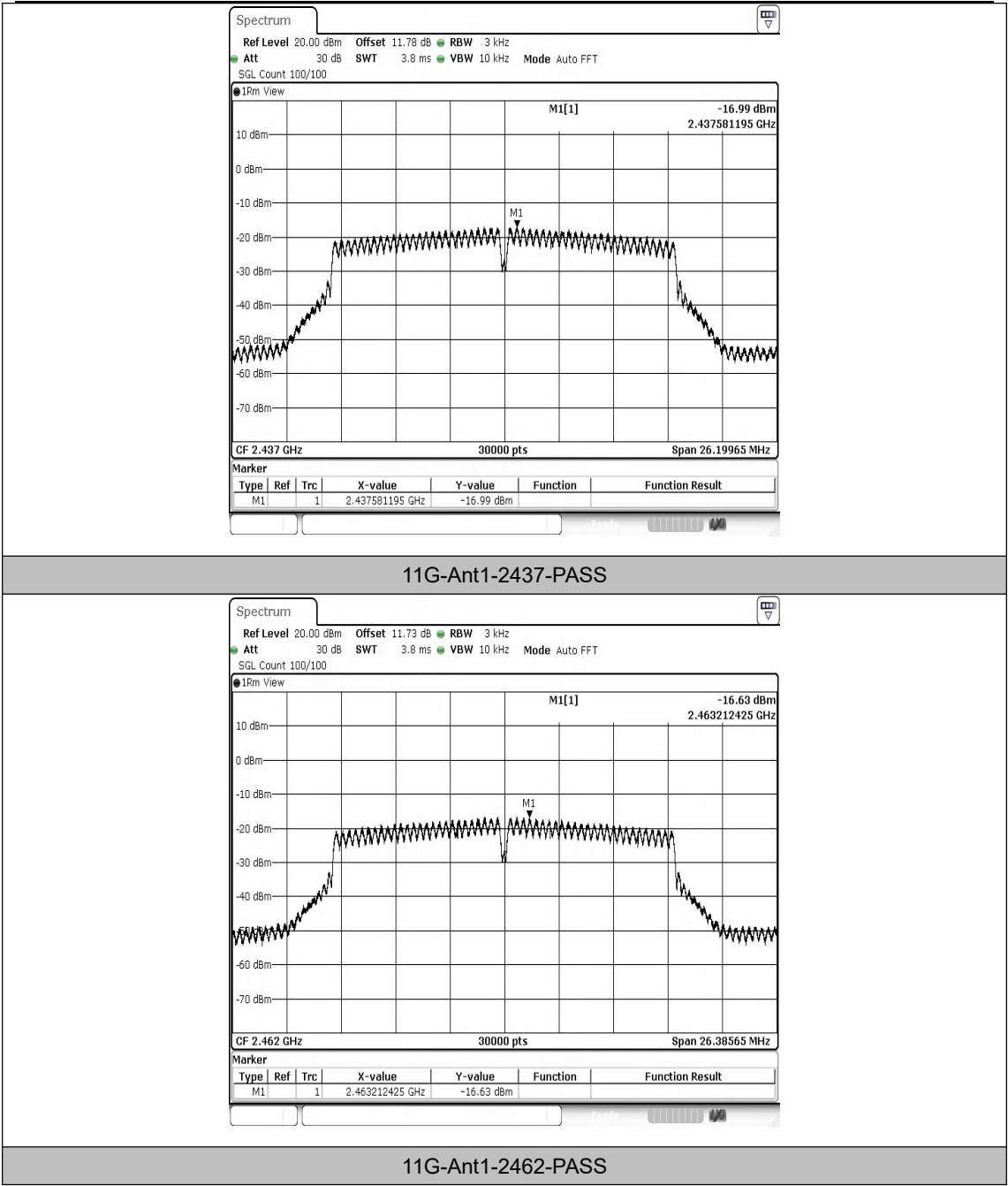
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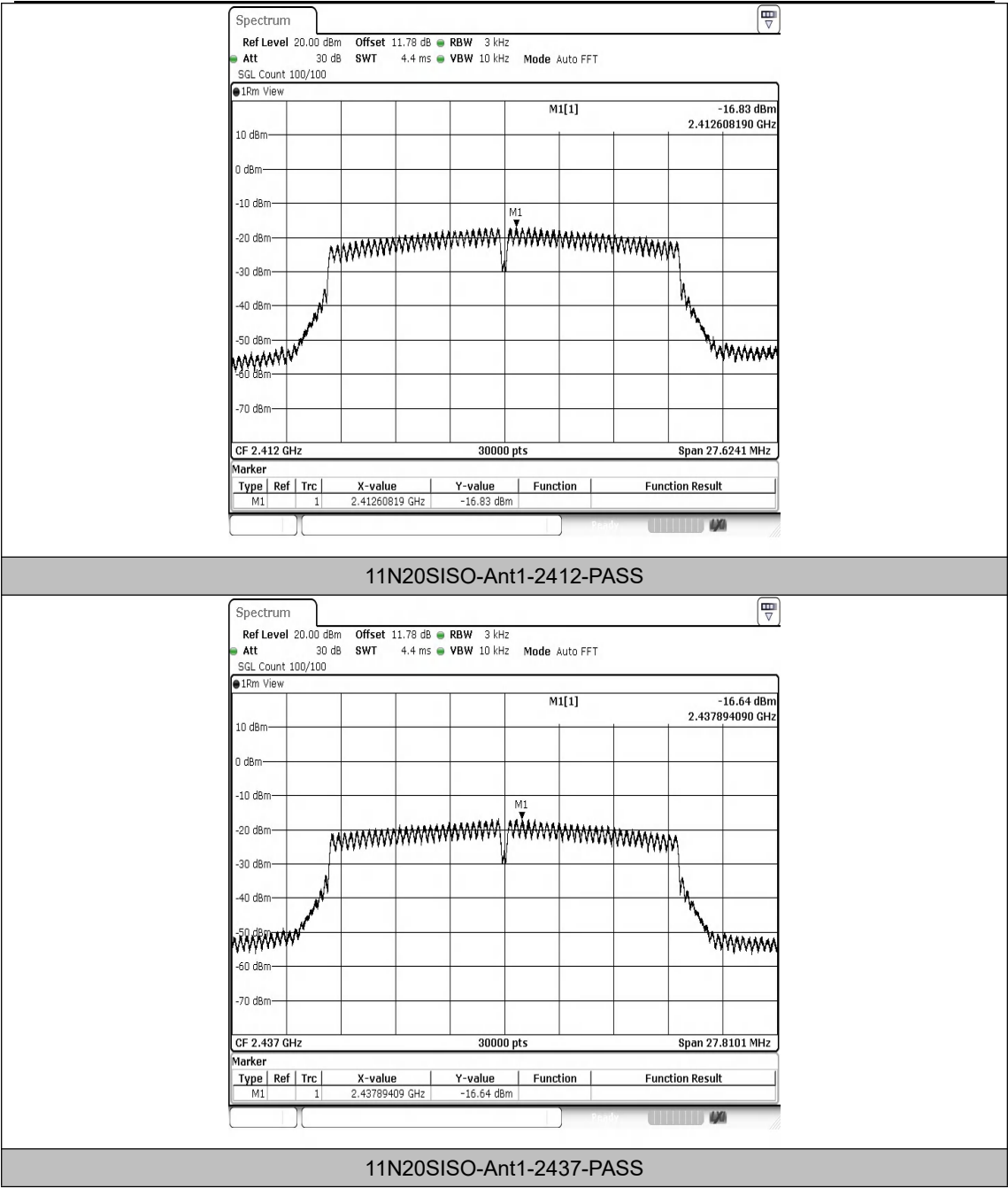
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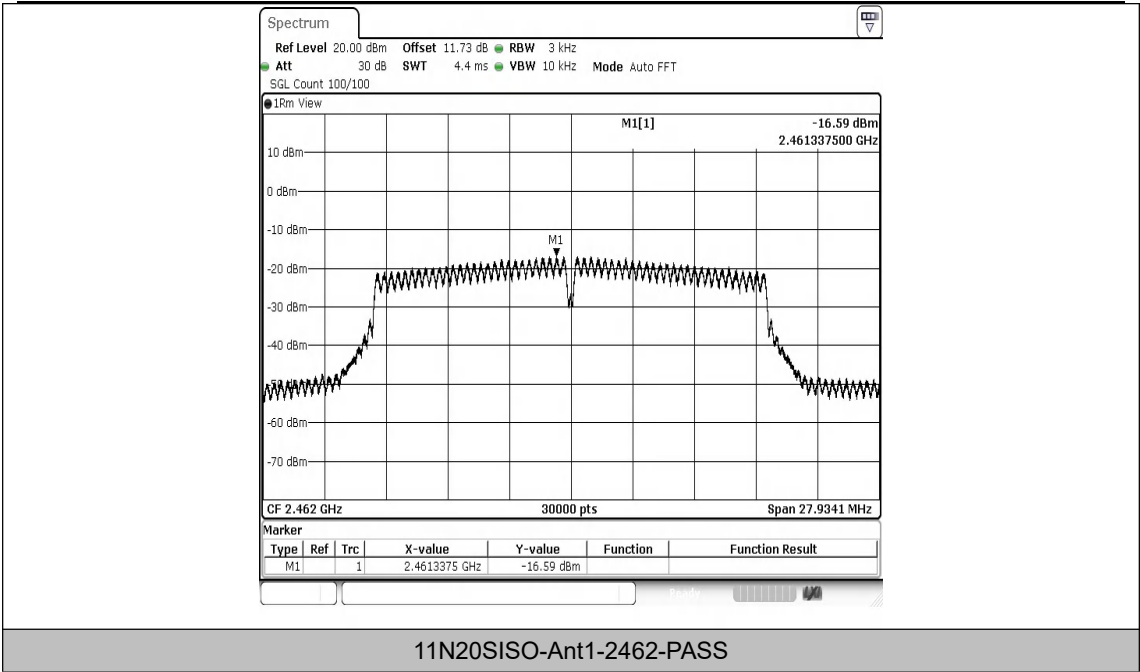


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11N20SISO-Ant1-2462-PASS

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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	8.00	-43.74	≤-22	PASS
11B	Ant1	High	2462	8.63	-46.16	≤-21.37	PASS
11G	Ant1	Low	2412	3.74	-26.43	≤-26.26	PASS
11G	Ant1	High	2462	3.12	-36.67	≤-26.88	PASS
11N20SISO	Ant1	Low	2412	0.88	-37.96	≤-29.12	PASS
11N20SISO	Ant1	High	2462	2.58	-36.14	≤-27.42	PASS

