

Appendix Test Data

Report No.:	182514C400033102	Test Sample No.:	1-2-2
Start Test Date:	2024.5.31	Finish Test Date:	2024.6.17
Test Engineer:	Joker Huang	Auditor:	Justin Feng
Temperature:	25.3℃	Relative Humidity:	48%
Pressure:	101kPa		

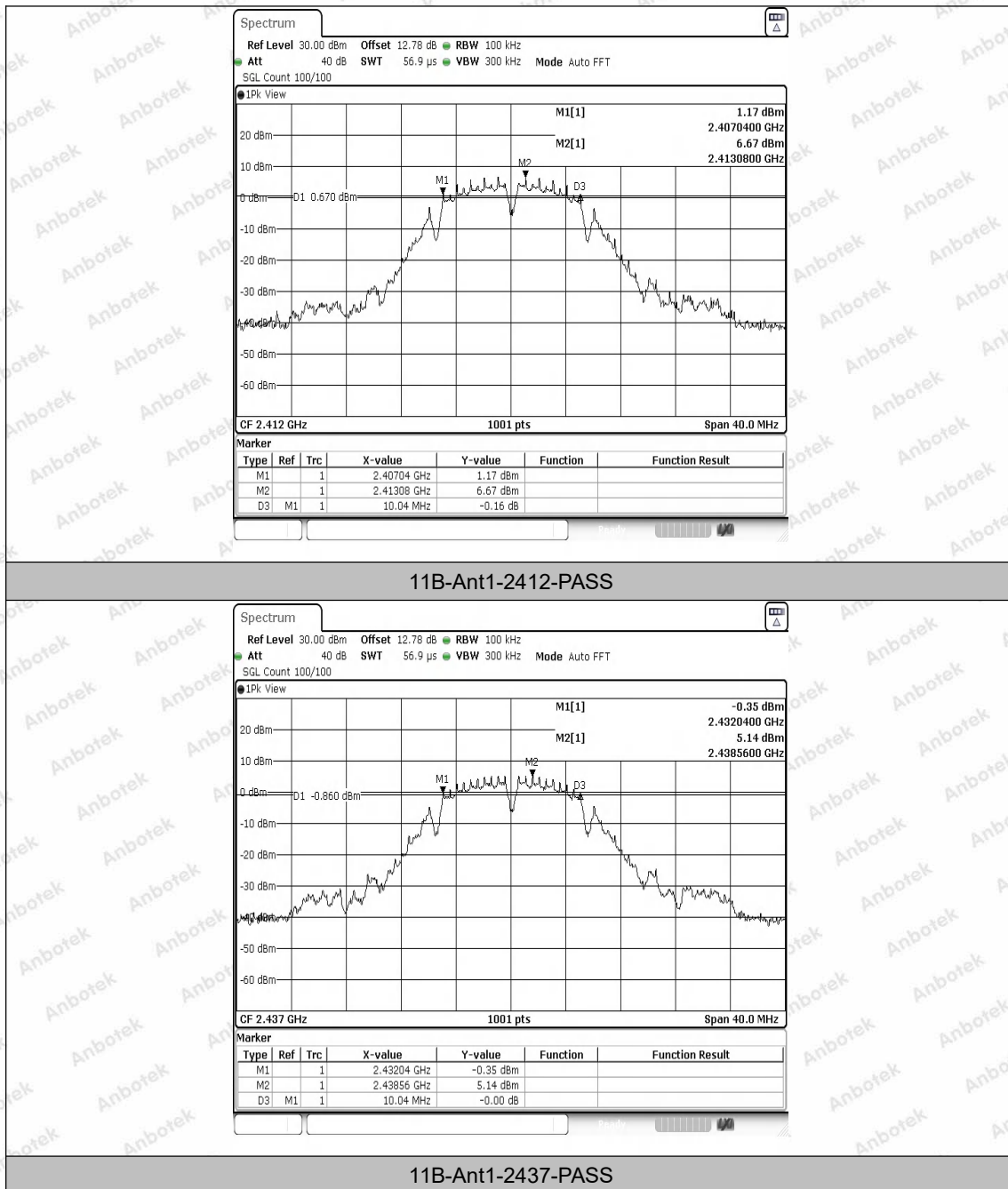
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.04	2407.04	2417.08	0.5	PASS
11B	Ant1	2437	10.04	2432.04	2442.08	0.5	PASS
11B	Ant1	2462	16.32	2453.92	2470.24	0.5	PASS
11G	Ant1	2412	14.44	2404.52	2418.96	0.5	PASS
11G	Ant1	2437	16.08	2429.16	2445.24	0.5	PASS
11G	Ant1	2462	16.32	2453.92	2470.24	0.5	PASS
11N20SISO	Ant1	2412	17.56	2403.28	2420.84	0.5	PASS
11N20SISO	Ant1	2437	13.84	2430.76	2444.60	0.5	PASS
11N20SISO	Ant1	2462	16.92	2453.92	2470.84	0.5	PASS



Test Graphs



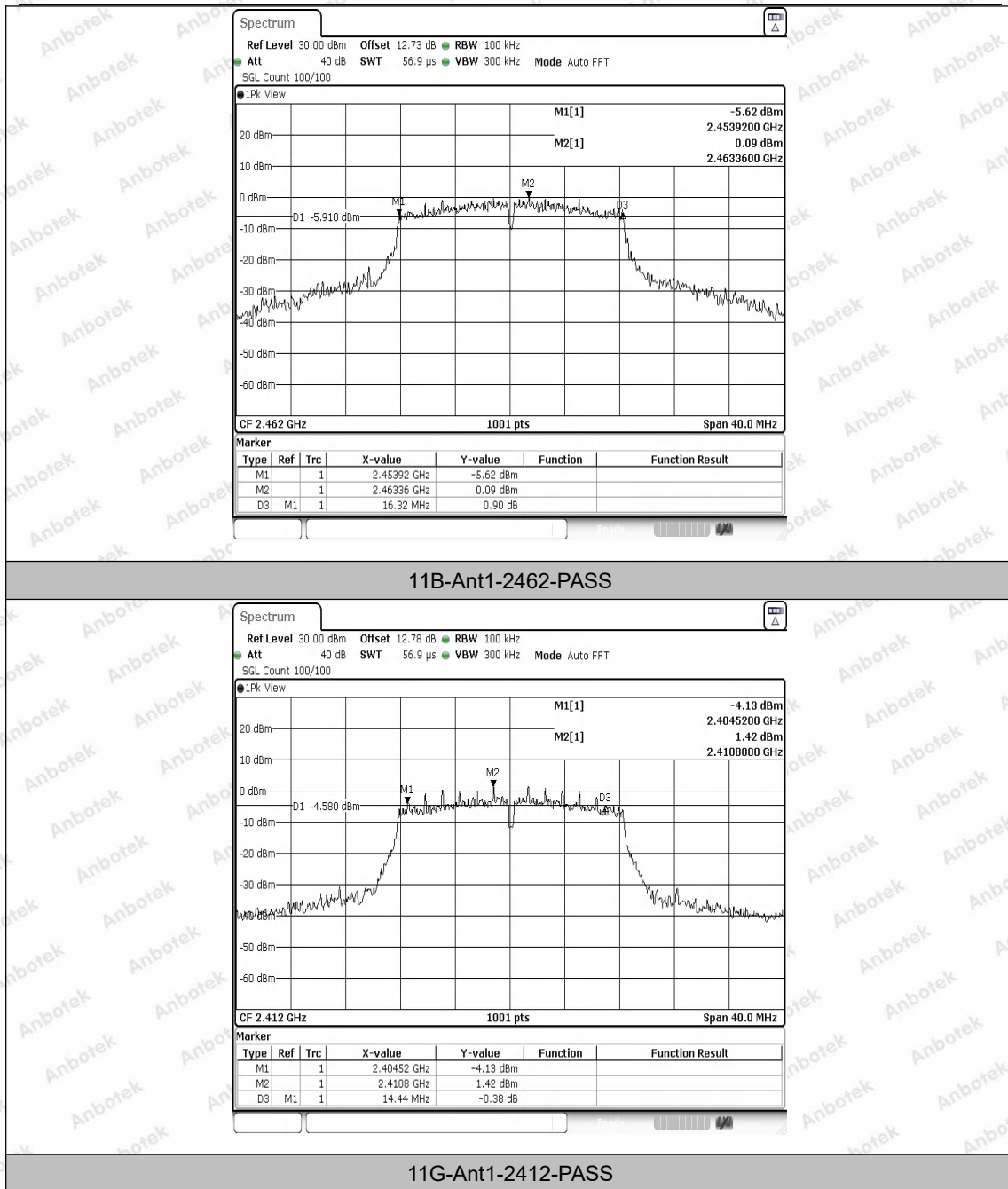
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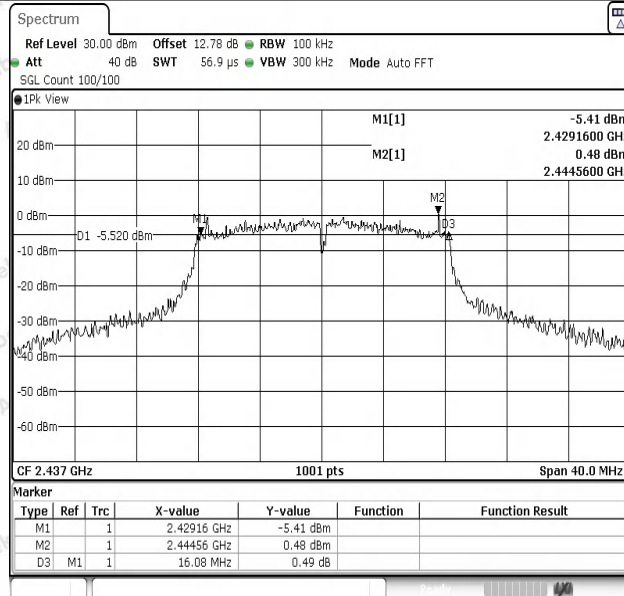
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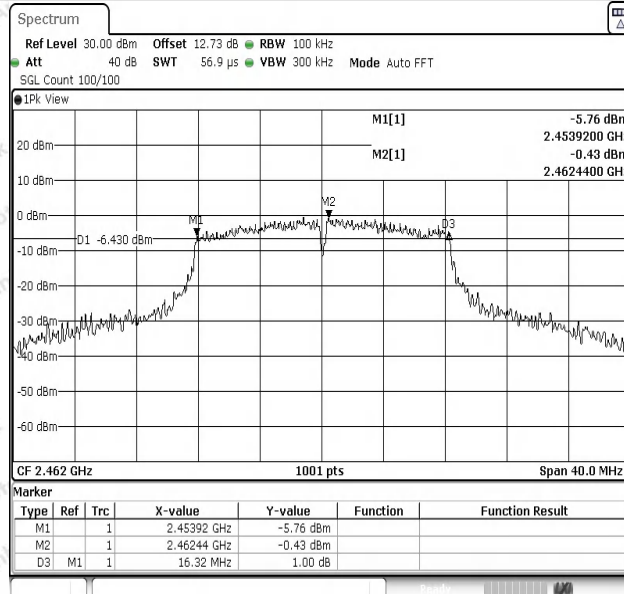


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11G-Ant1-2437-PASS



11G-Ant1-2462-PASS

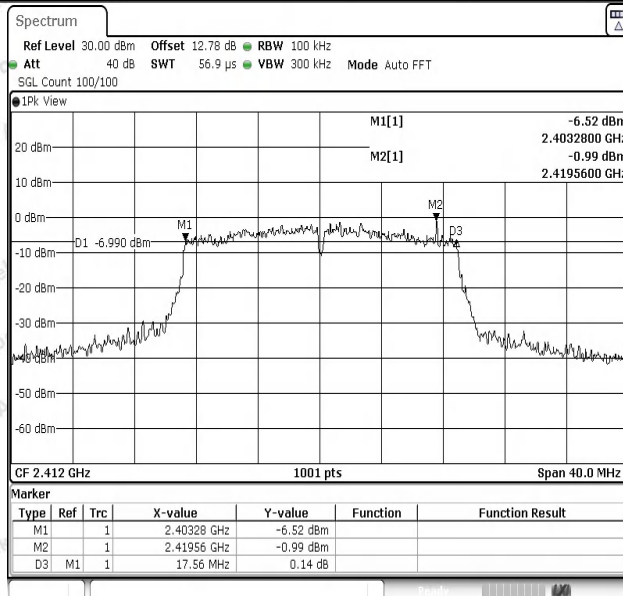
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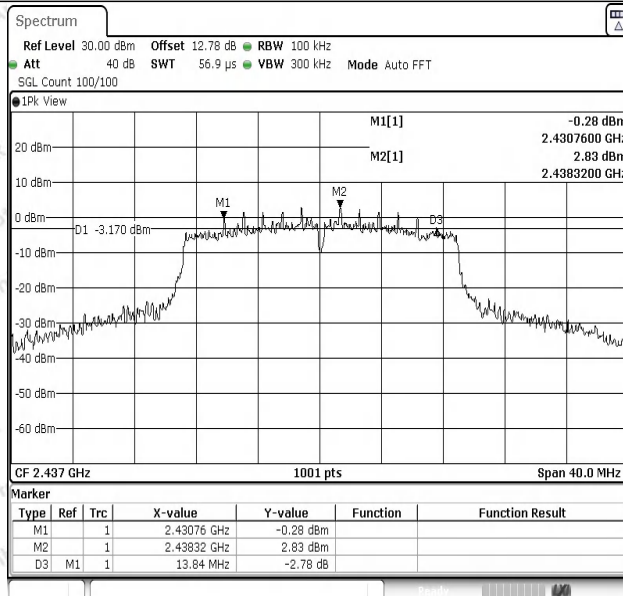


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11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2437-PASS

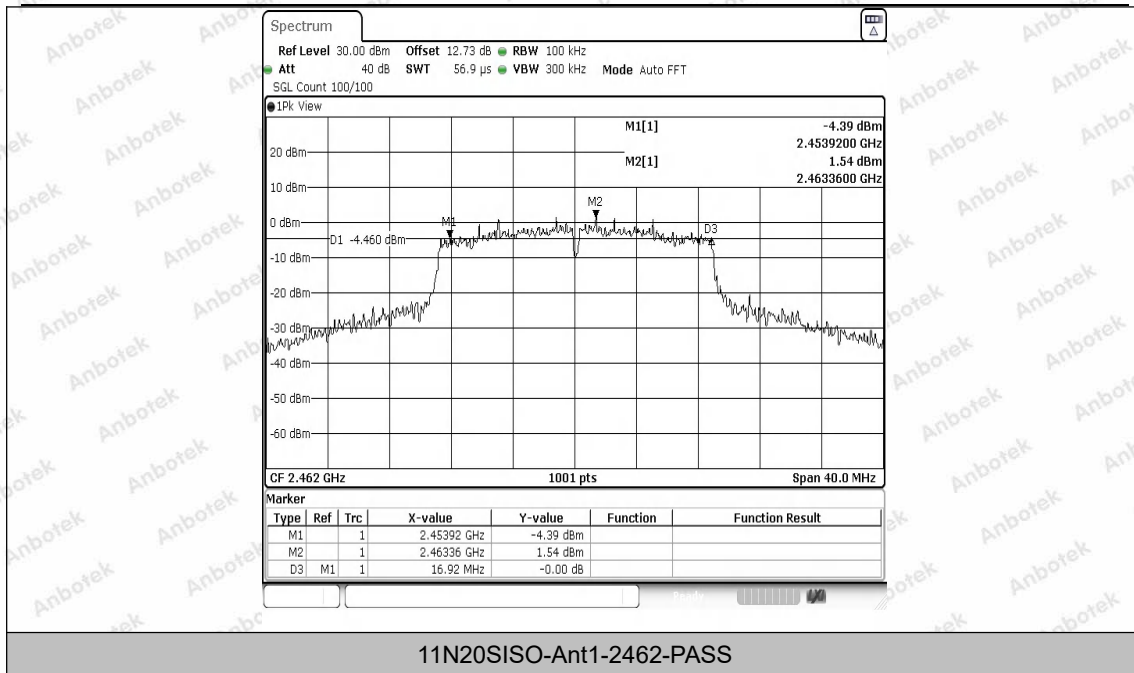
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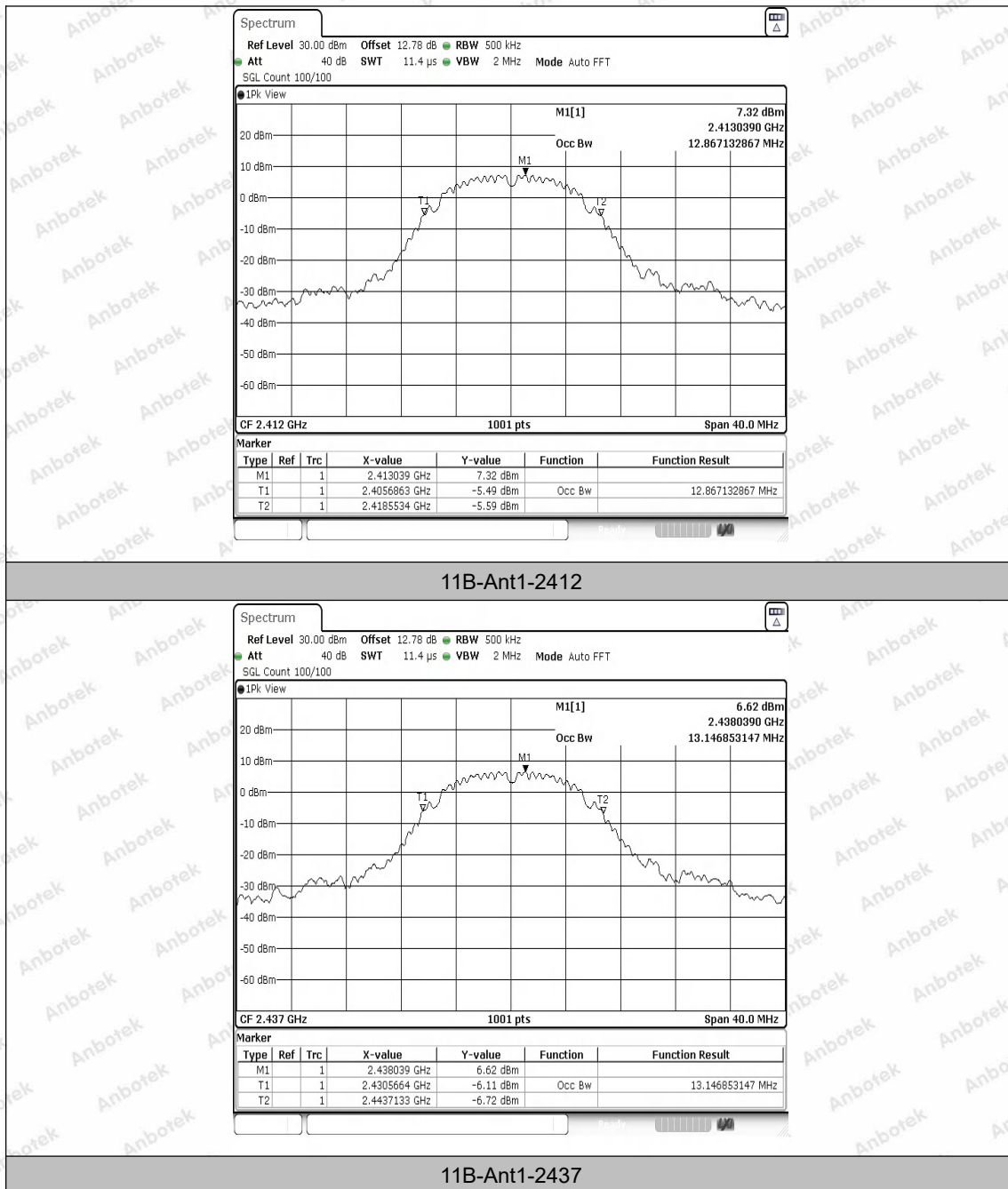
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.867	2405.6863	2418.5534	---	---
11B	Ant1	2437	13.147	2430.5664	2443.7133	---	---
11B	Ant1	2462	17.143	2453.5285	2470.6713	---	---
11G	Ant1	2412	16.903	2403.6883	2420.5914	---	---
11G	Ant1	2437	17.023	2428.6084	2445.6314	---	---
11G	Ant1	2462	17.103	2453.4885	2470.5914	---	---
11N20SISO	Ant1	2412	17.862	2403.1289	2420.9910	---	---
11N20SISO	Ant1	2437	18.062	2428.0490	2446.1109	---	---
11N20SISO	Ant1	2462	18.182	2453.0090	2471.1908	---	---



Test Graphs



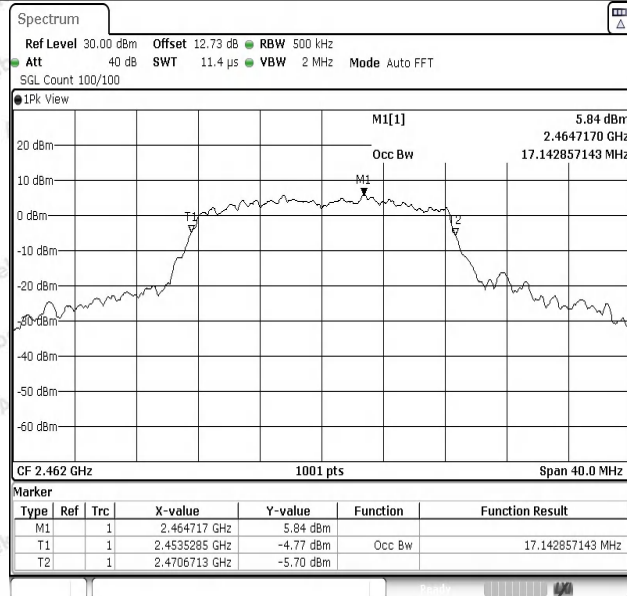
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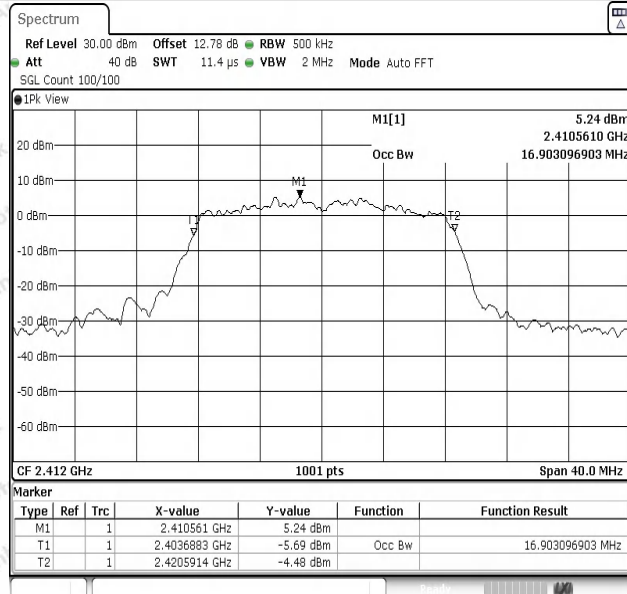


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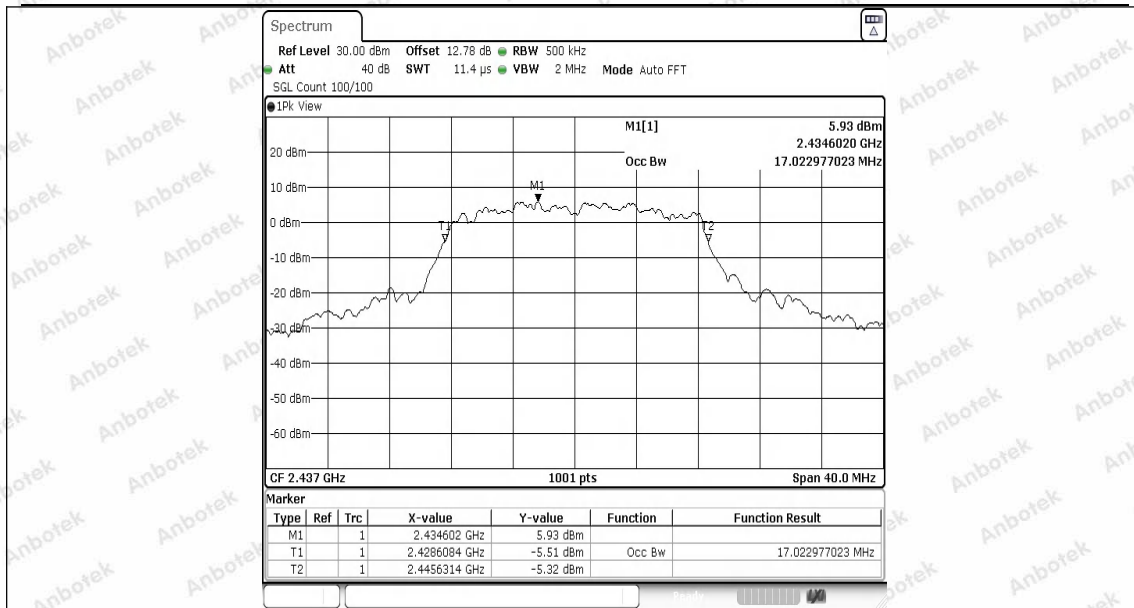


11B-Ant1-2462

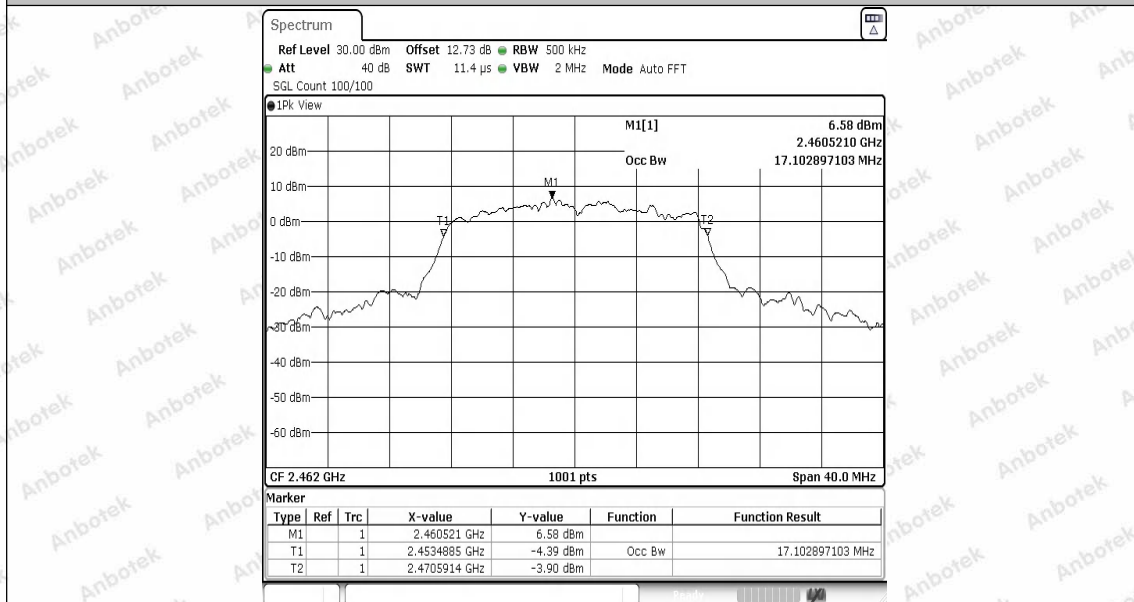


11G-Ant1-2412





11G-Ant1-2437



11G-Ant1-2462

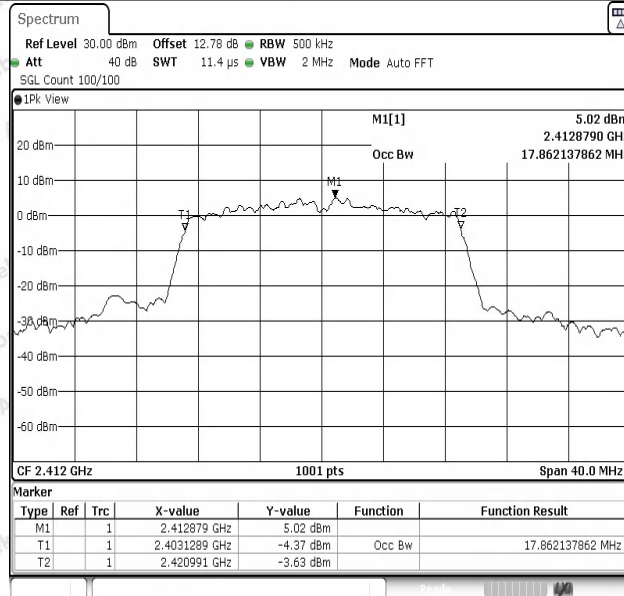
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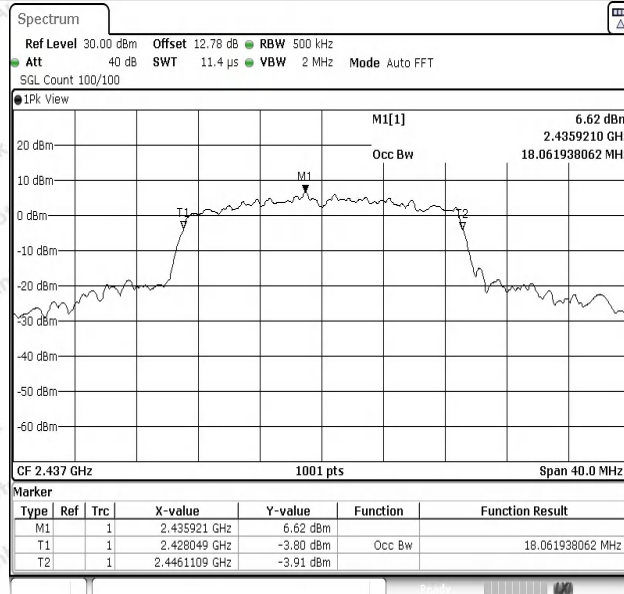


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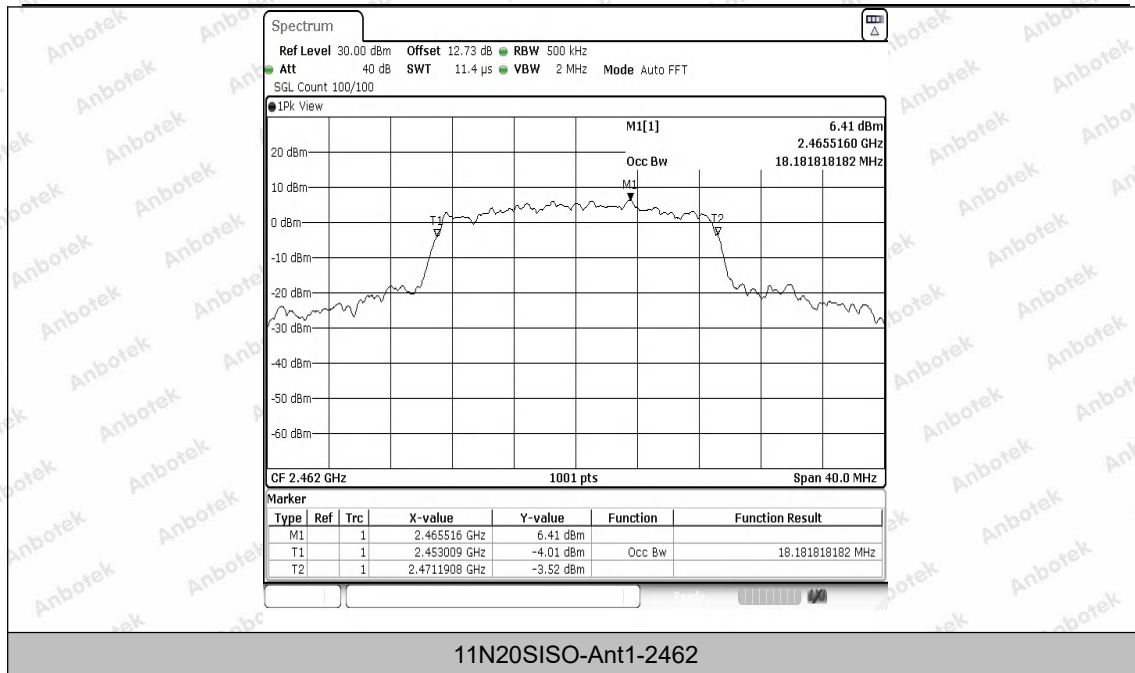


11N20SISO-Ant1-2412



11N20SISO-Ant1-2437



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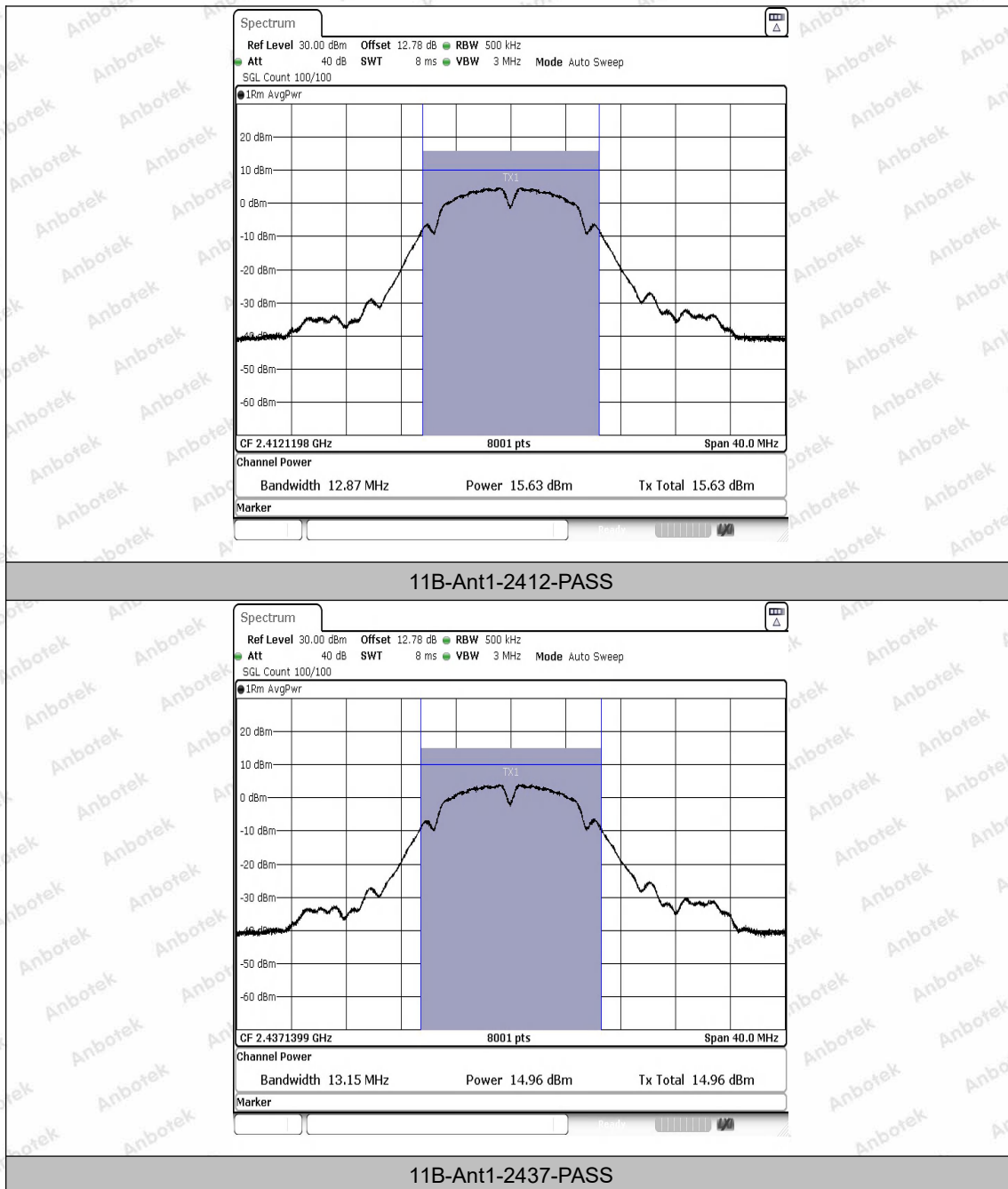
Appendix C: Maximum output power

Test Result

Test Mode	Antenna	Frequency [MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	15.63	99.64	0.02	15.65	≤30.00	PASS
11B	Ant1	2437	14.96	99.64	0.02	14.98	≤30.00	PASS
11B	Ant1	2462	12.48	97.20	0.12	12.60	≤30.00	PASS
11G	Ant1	2412	11.59	97.20	0.12	11.71	≤30.00	PASS
11G	Ant1	2437	12.56	97.20	0.12	12.68	≤30.00	PASS
11G	Ant1	2462	12.51	97.20	0.12	12.63	≤30.00	PASS
11N20SISO	Ant1	2412	11.56	97.01	0.13	11.69	≤30.00	PASS
11N20SISO	Ant1	2437	12.89	97.01	0.13	13.02	≤30.00	PASS
11N20SISO	Ant1	2462	13.08	97.01	0.13	13.21	≤30.00	PASS



Test Graphs



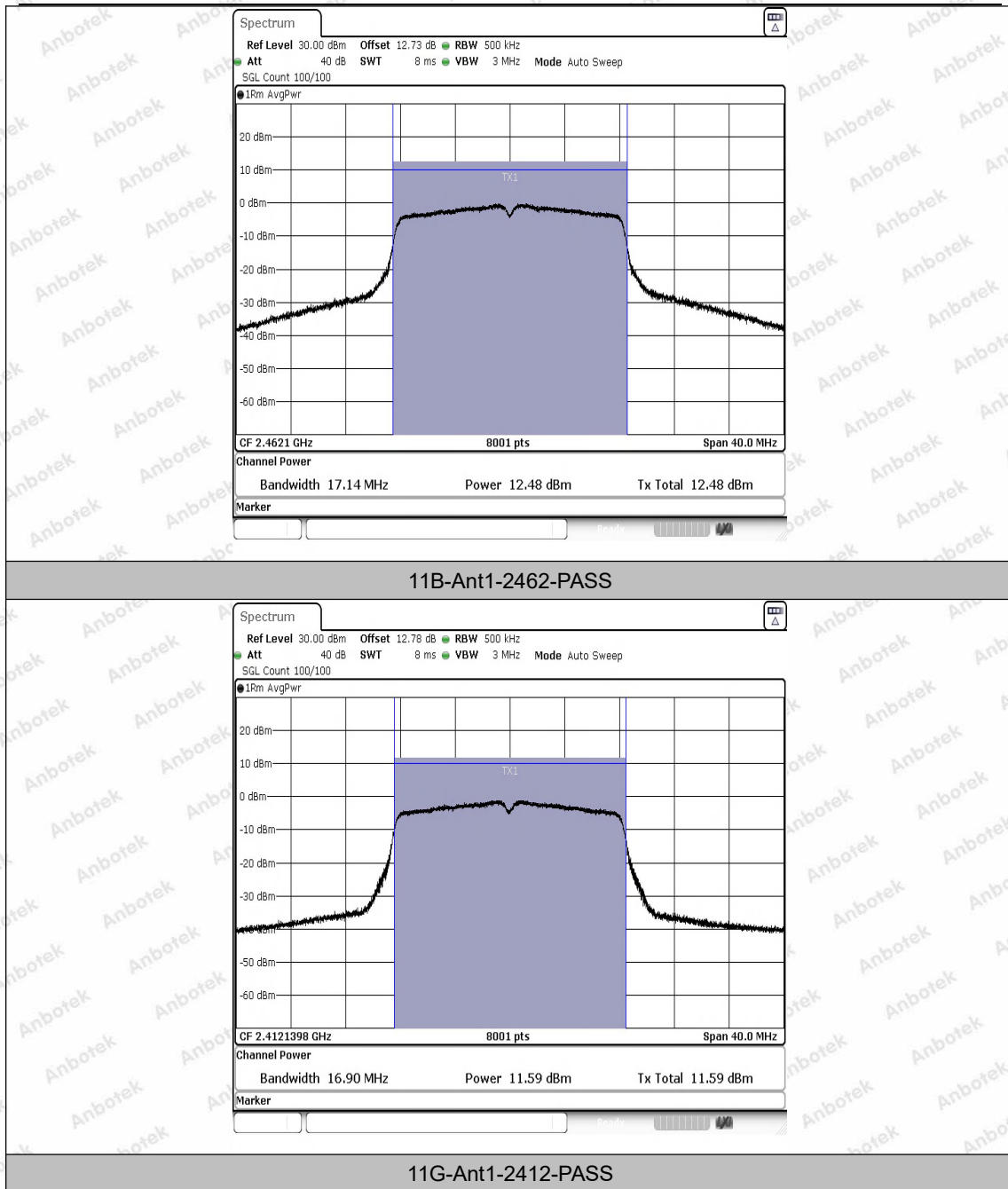
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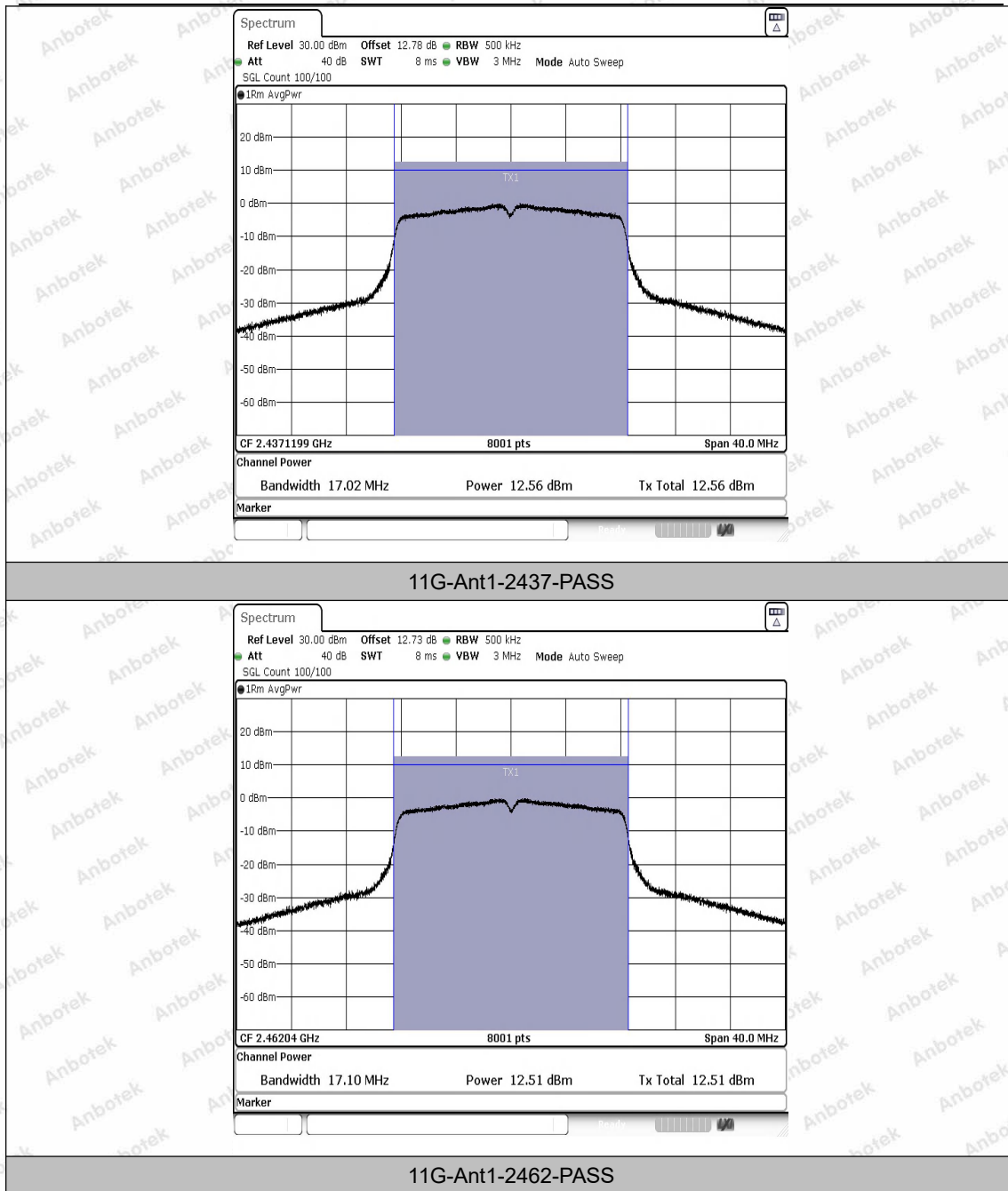
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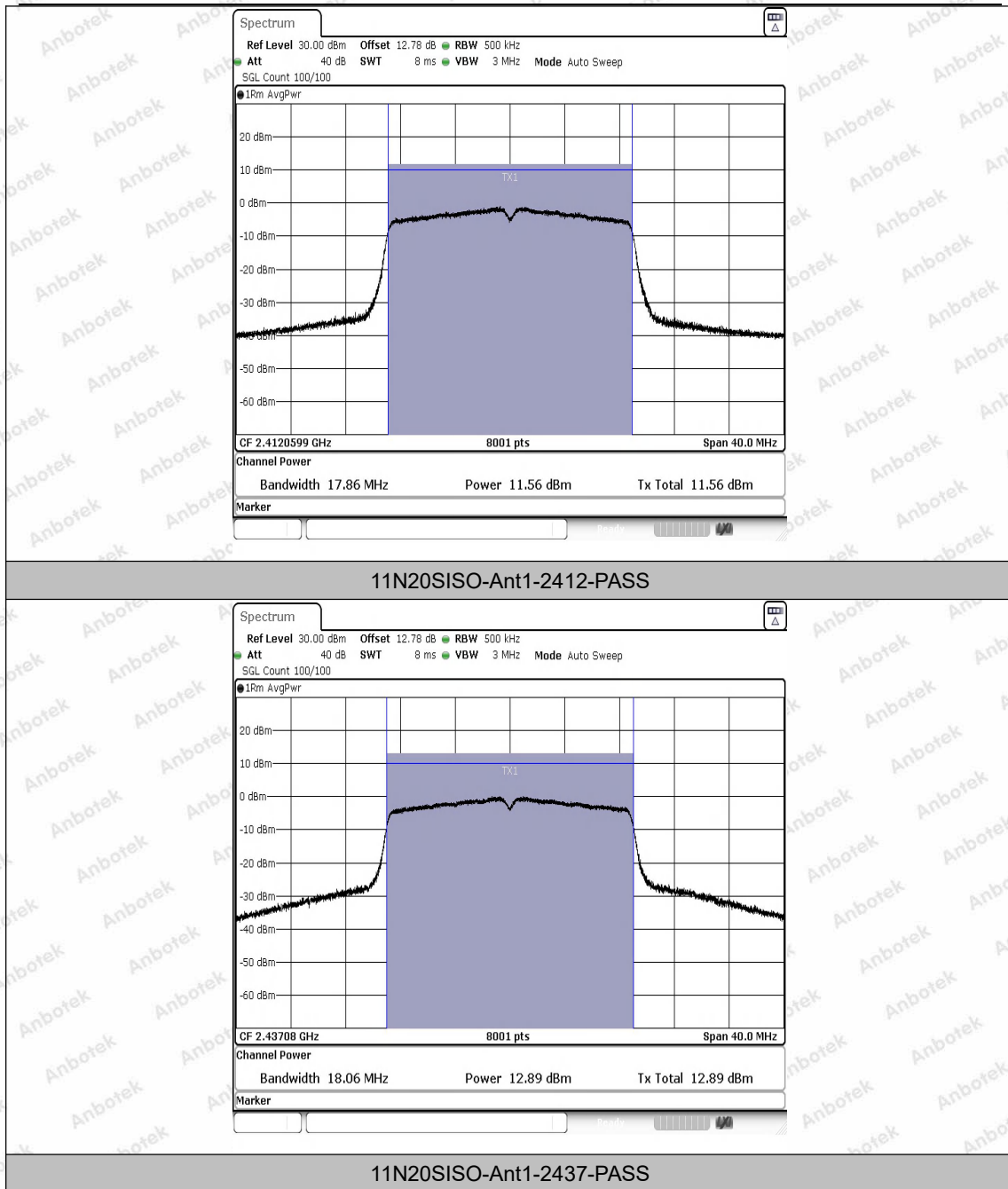
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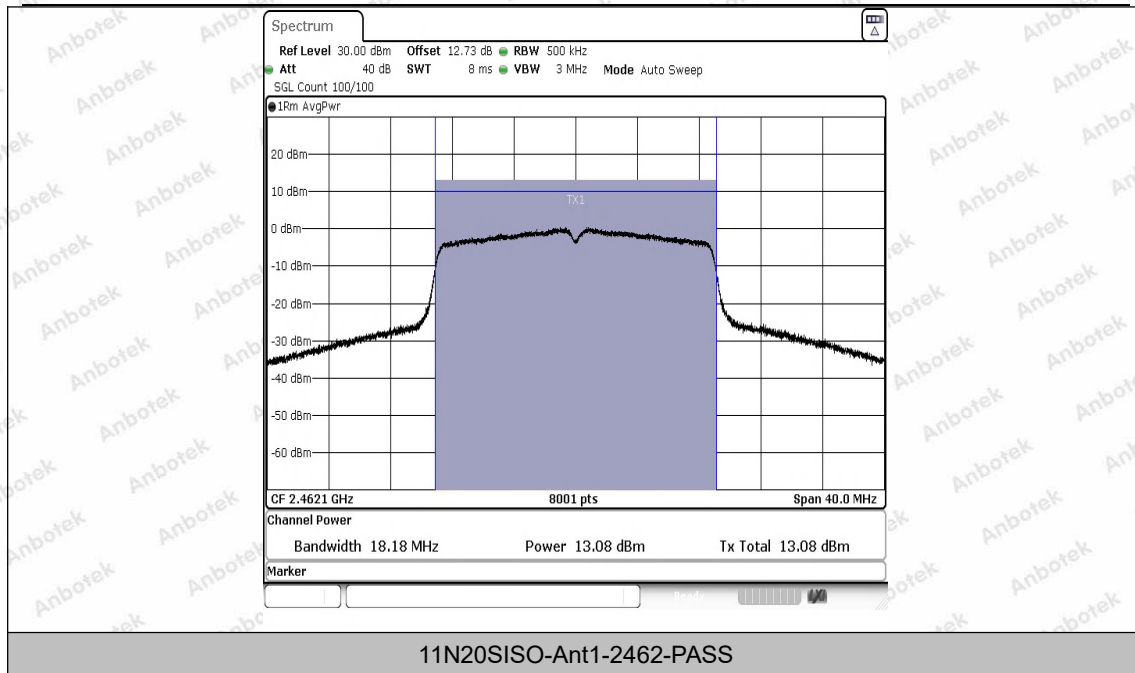
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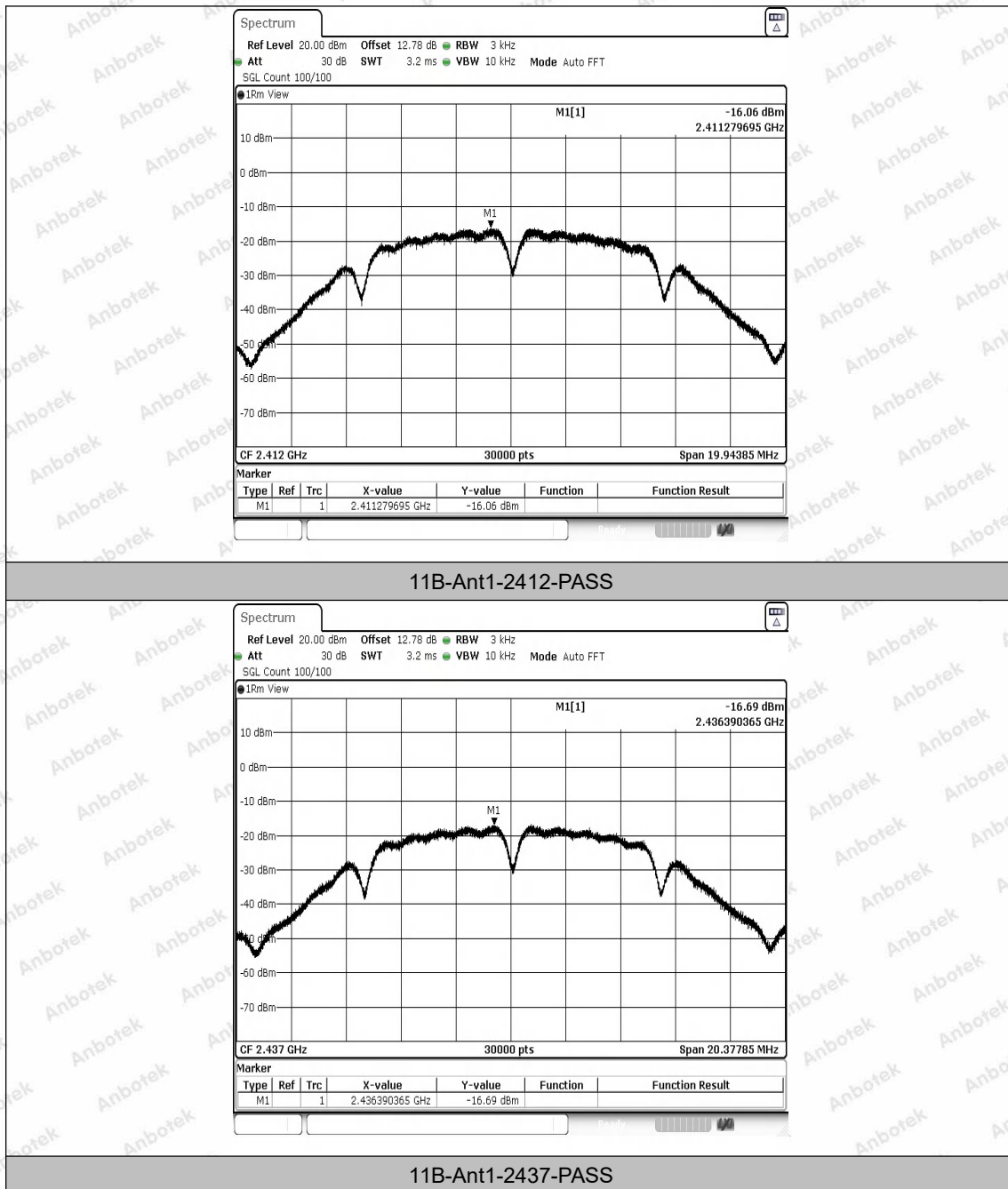
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-16.06	≤8.00	PASS
11B	Ant1	2437	-16.69	≤8.00	PASS
11B	Ant1	2462	-20.56	≤8.00	PASS
11G	Ant1	2412	-21.53	≤8.00	PASS
11G	Ant1	2437	-20.35	≤8.00	PASS
11G	Ant1	2462	-20.77	≤8.00	PASS
11N20SISO	Ant1	2412	-21.58	≤8.00	PASS
11N20SISO	Ant1	2437	-19.78	≤8.00	PASS
11N20SISO	Ant1	2462	-19.80	≤8.00	PASS



Test Graphs



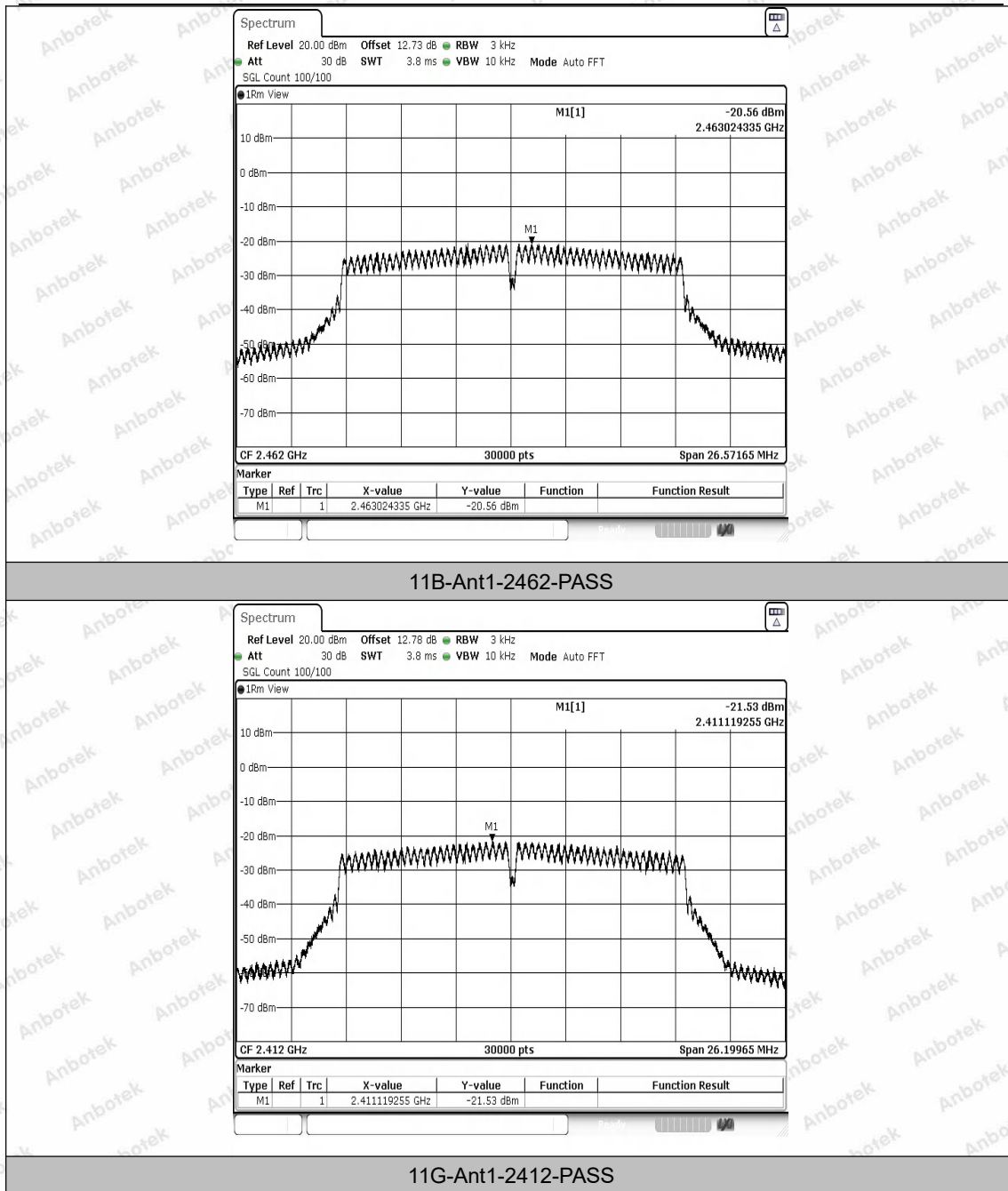
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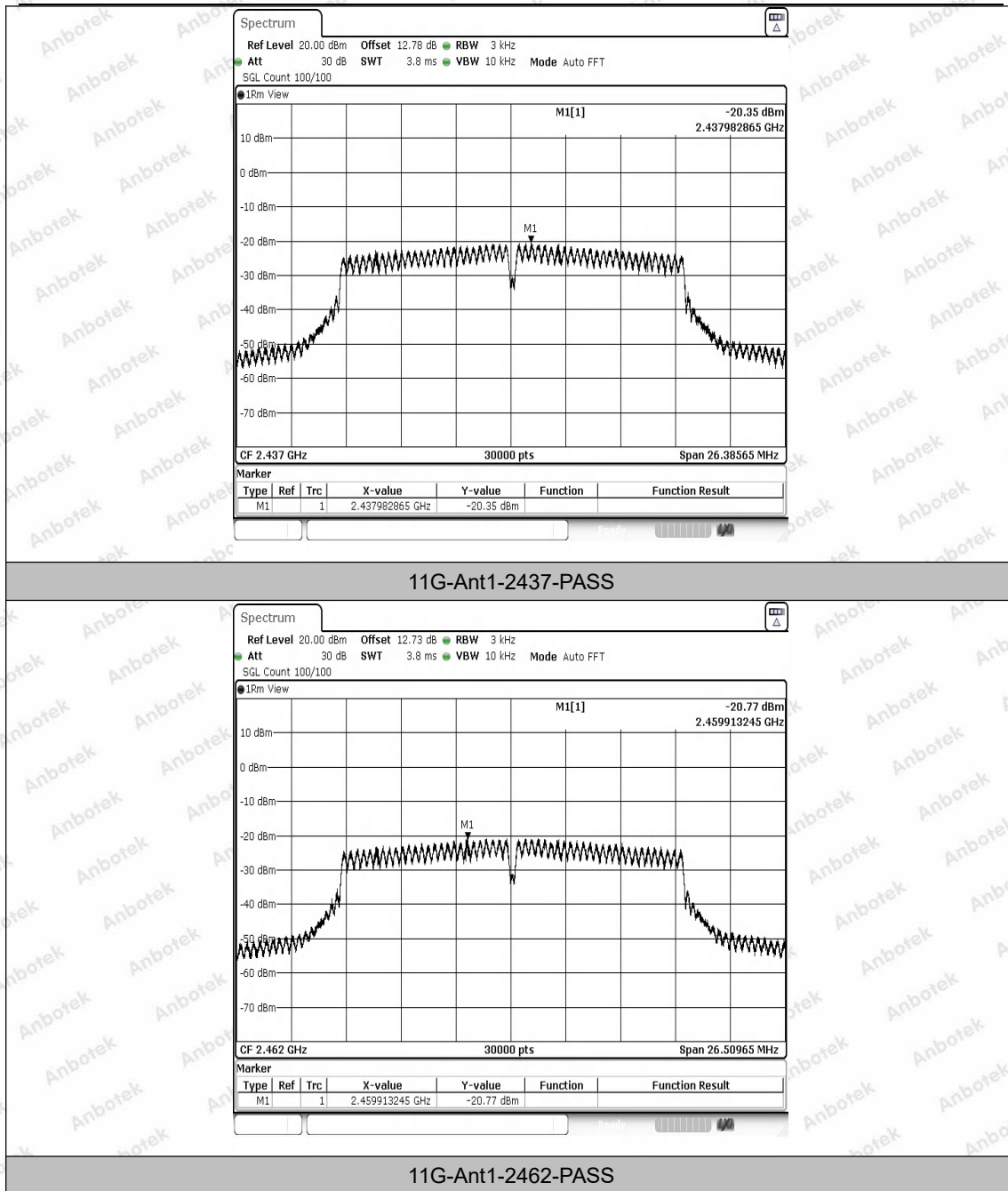
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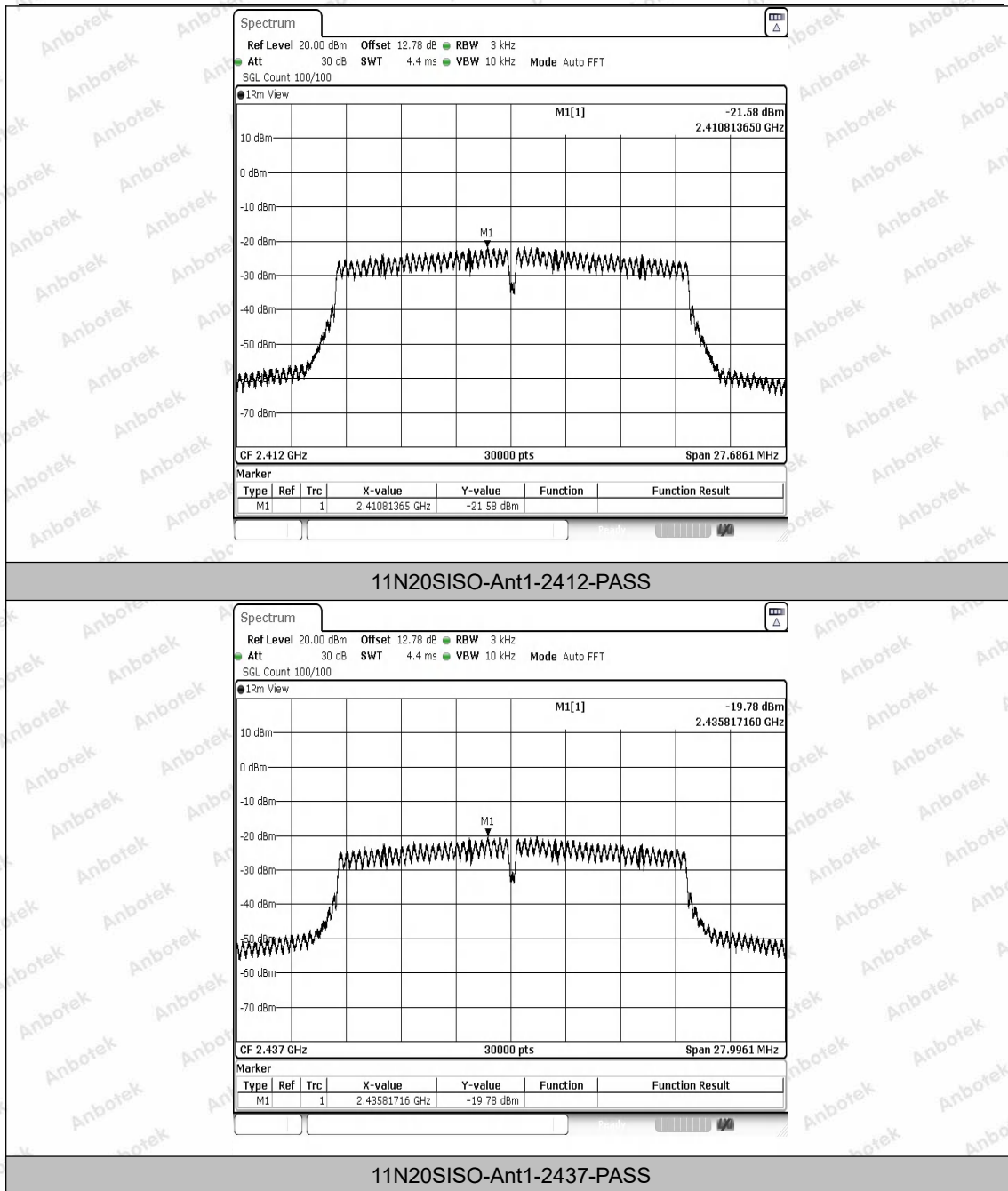
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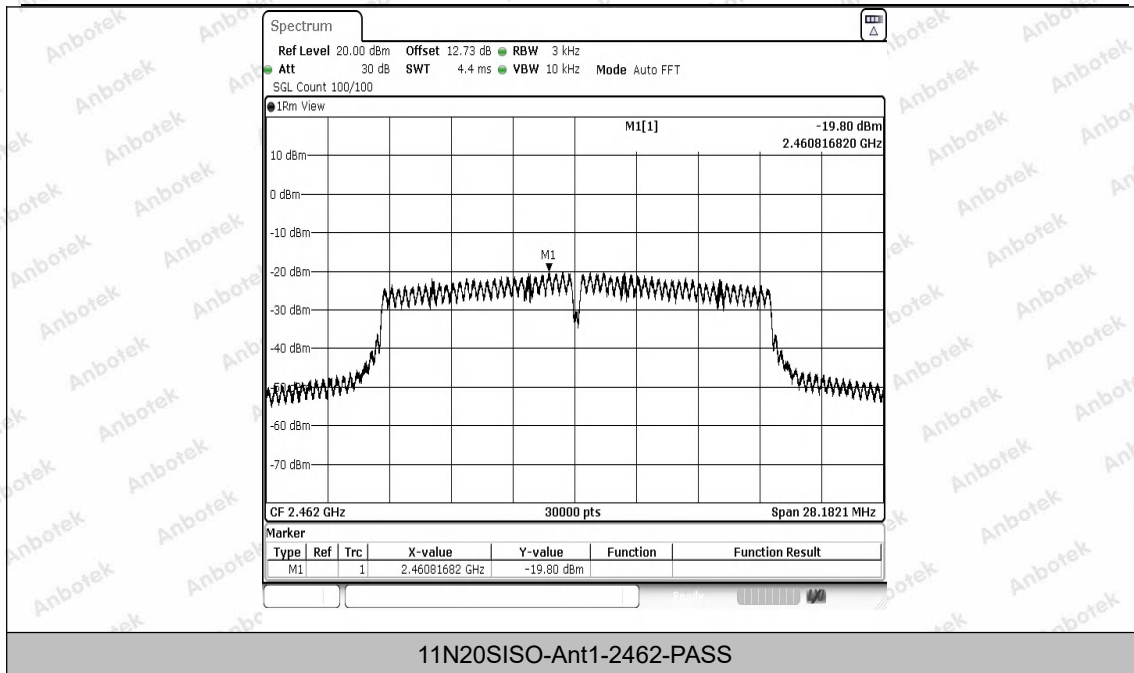
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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	0.10	-38.80	≤-29.9	PASS
11B	Ant1	High	2462	-2.04	-46.79	≤-32.04	PASS
11G	Ant1	Low	2412	-3.77	-38.70	≤-33.77	PASS
11G	Ant1	High	2462	-2.70	-42.42	≤-32.7	PASS
11N20SISO	Ant1	Low	2412	-3.90	-34.15	≤-33.9	PASS
11N20SISO	Ant1	High	2462	-1.84	-39.58	≤-31.84	PASS

