

Appendix Test Data

Report No:	182512C400221102	Test Sample NO:	1-2-2
Start Test Date:	2024.6.24	Finish Test Date:	2024.6.25
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	25.3℃	Relative Humidity:	47%
Pressure:	101 kPa		

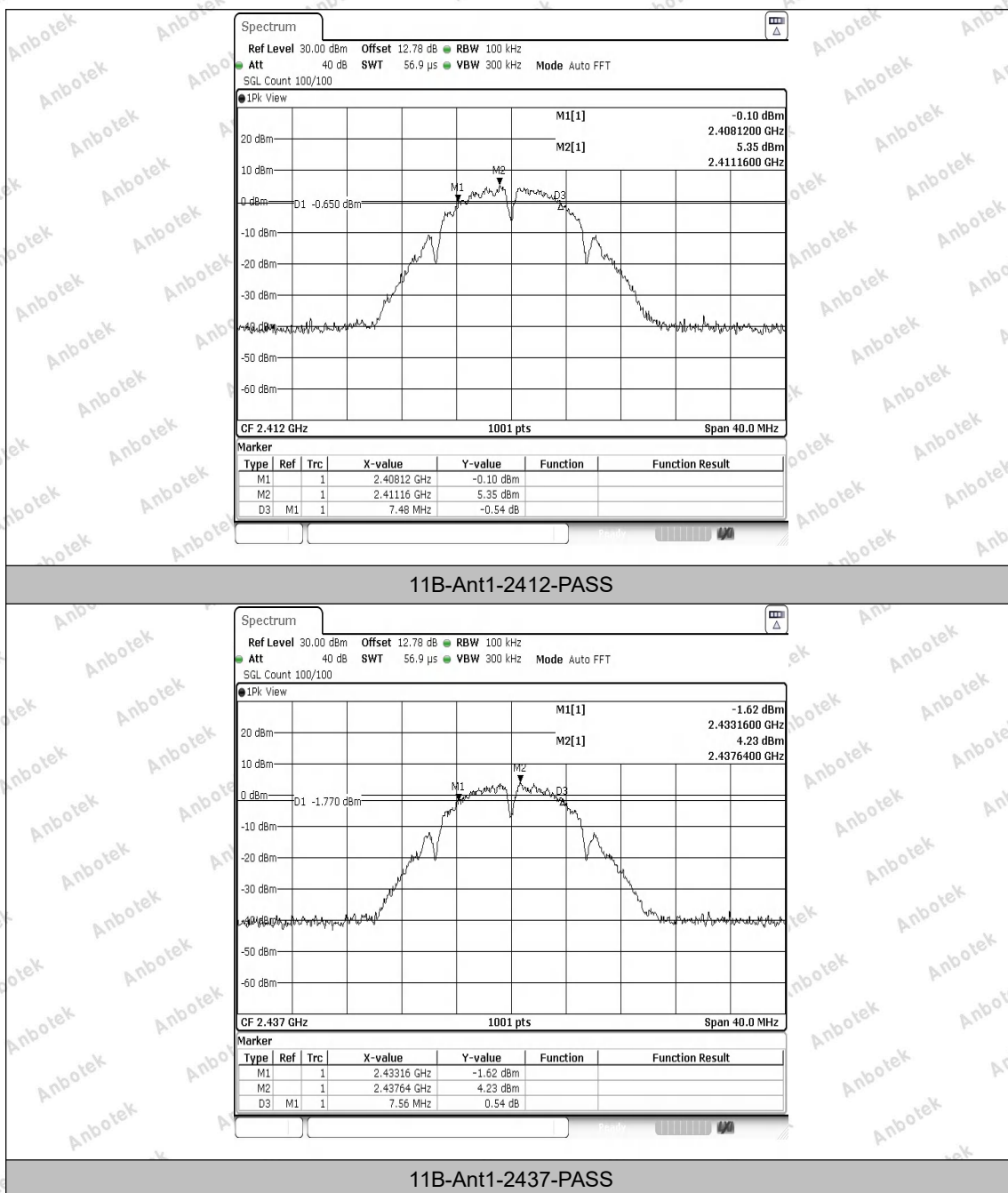
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.48	2408.12	2415.60	0.5	PASS
11B	Ant1	2437	7.56	2433.16	2440.72	0.5	PASS
11B	Ant1	2462	7.68	2458.16	2465.84	0.5	PASS
11G	Ant1	2412	7.48	2408.40	2415.88	0.5	PASS
11G	Ant1	2437	8.00	2432.84	2440.84	0.5	PASS
11G	Ant1	2462	7.28	2458.40	2465.68	0.5	PASS
11N20SISO	Ant1	2412	8.08	2407.96	2416.04	0.5	PASS
11N20SISO	Ant1	2437	8.04	2432.96	2441.00	0.5	PASS
11N20SISO	Ant1	2462	7.56	2457.96	2465.52	0.5	PASS



Test Graphs



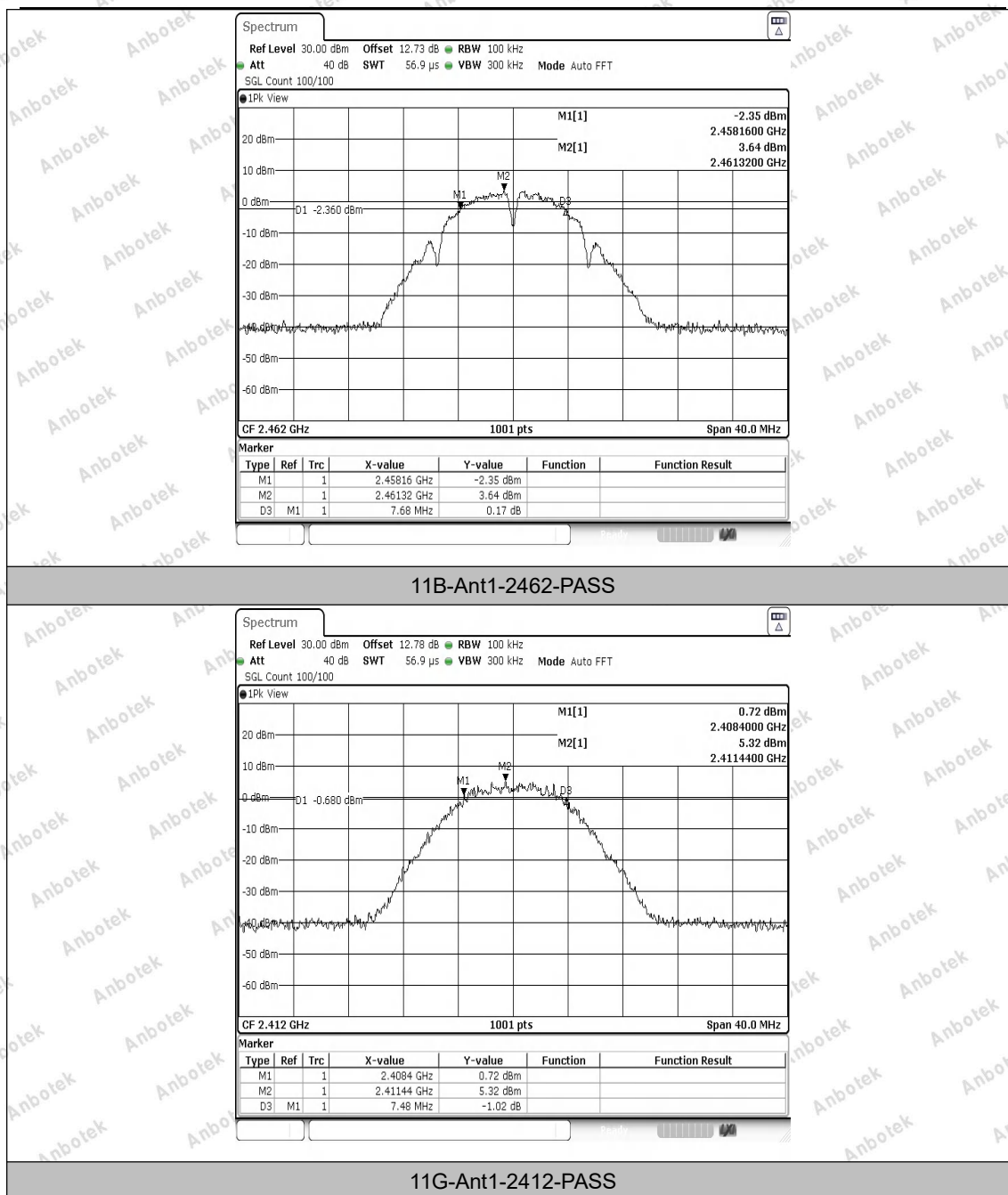
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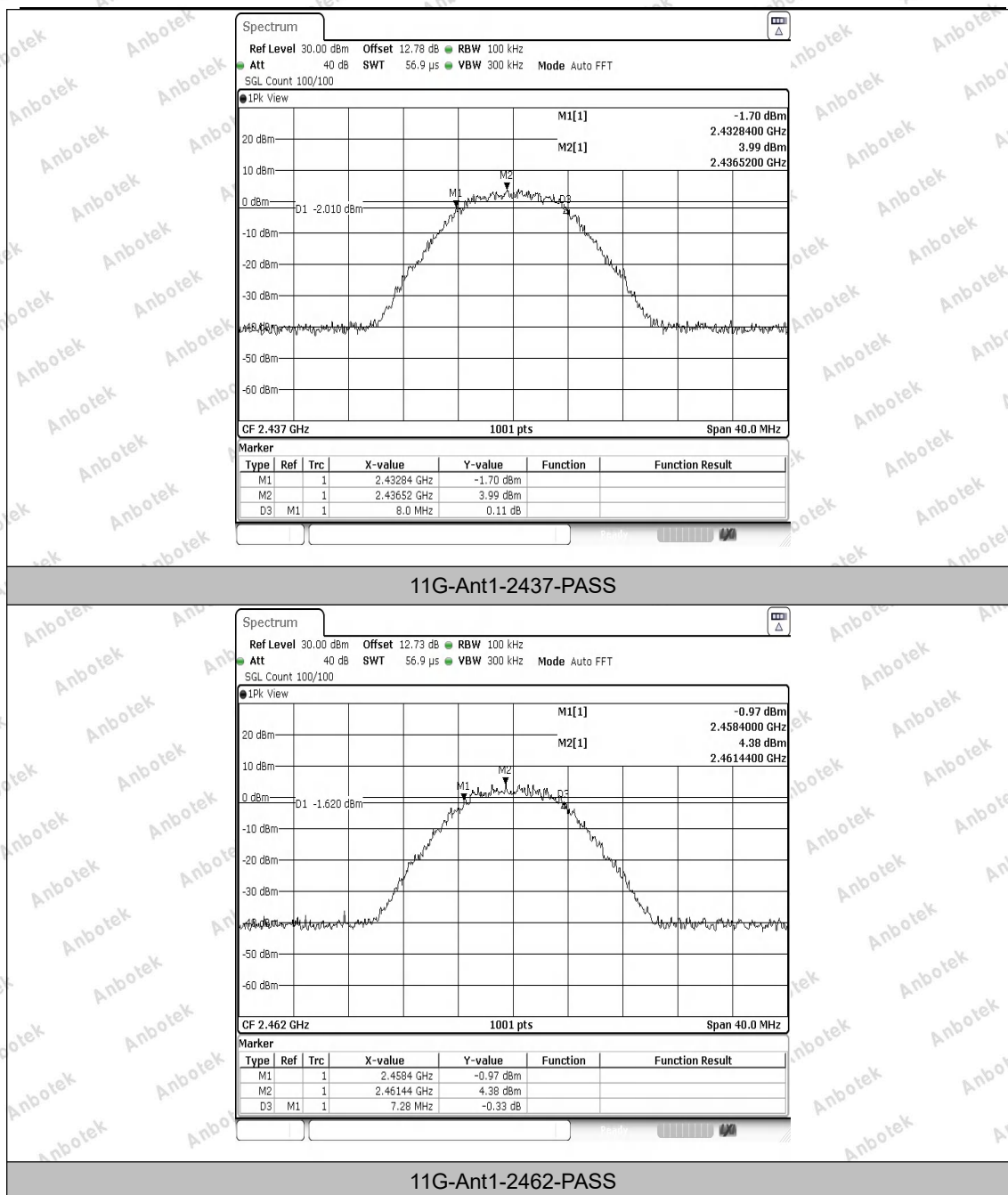
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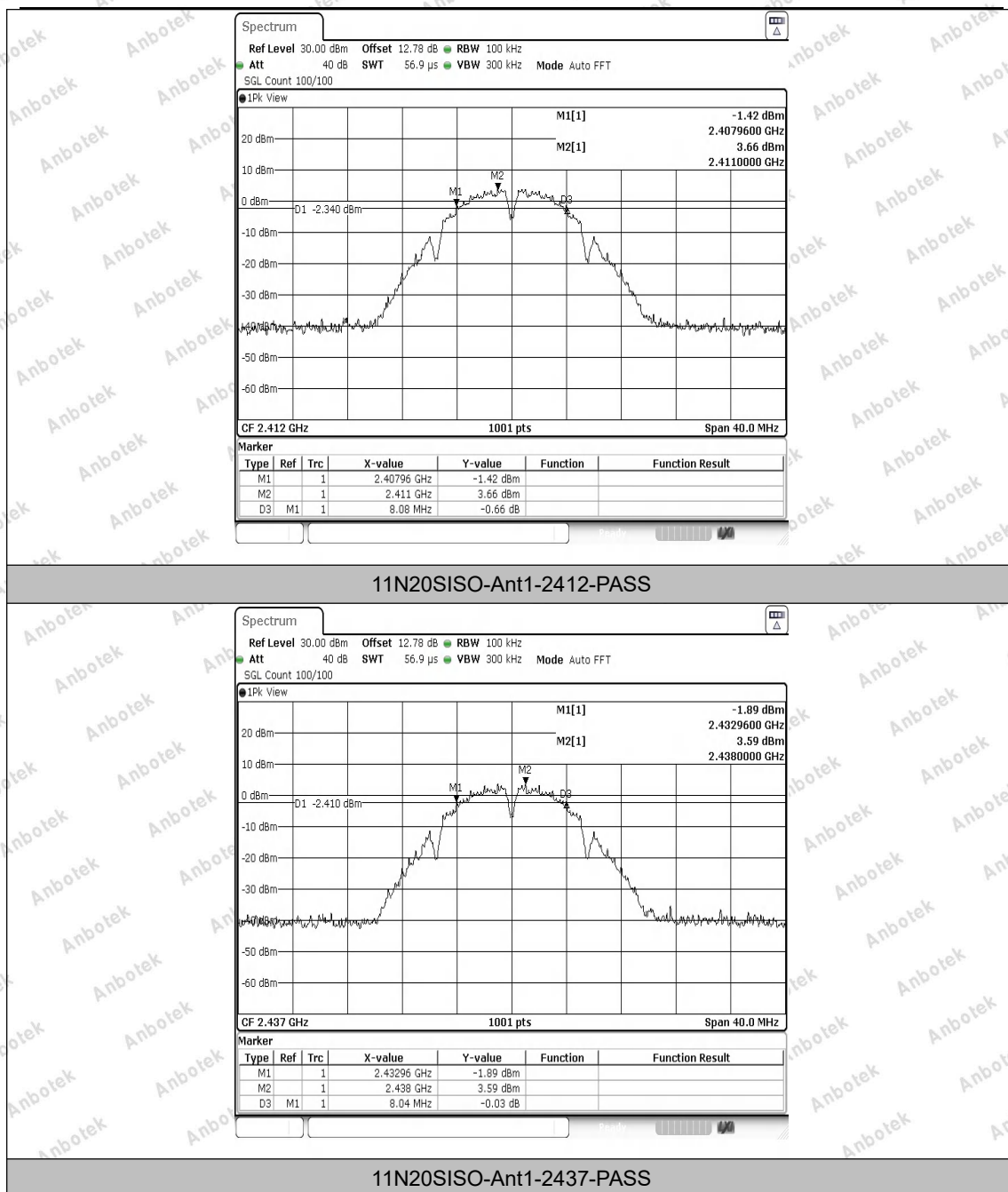


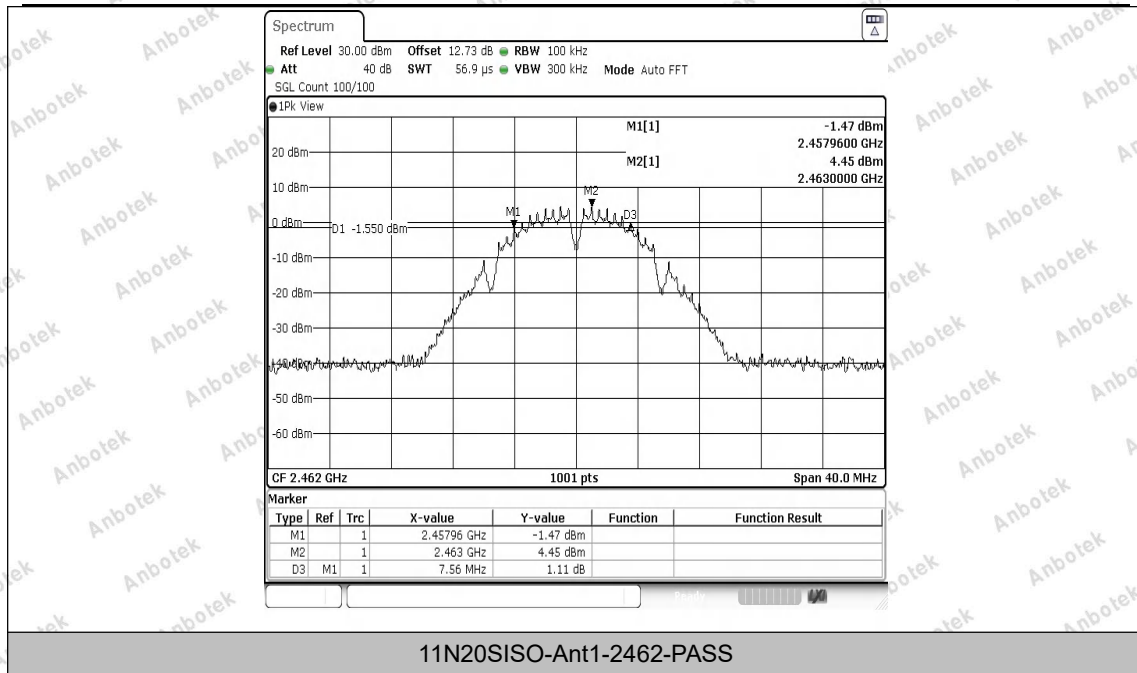
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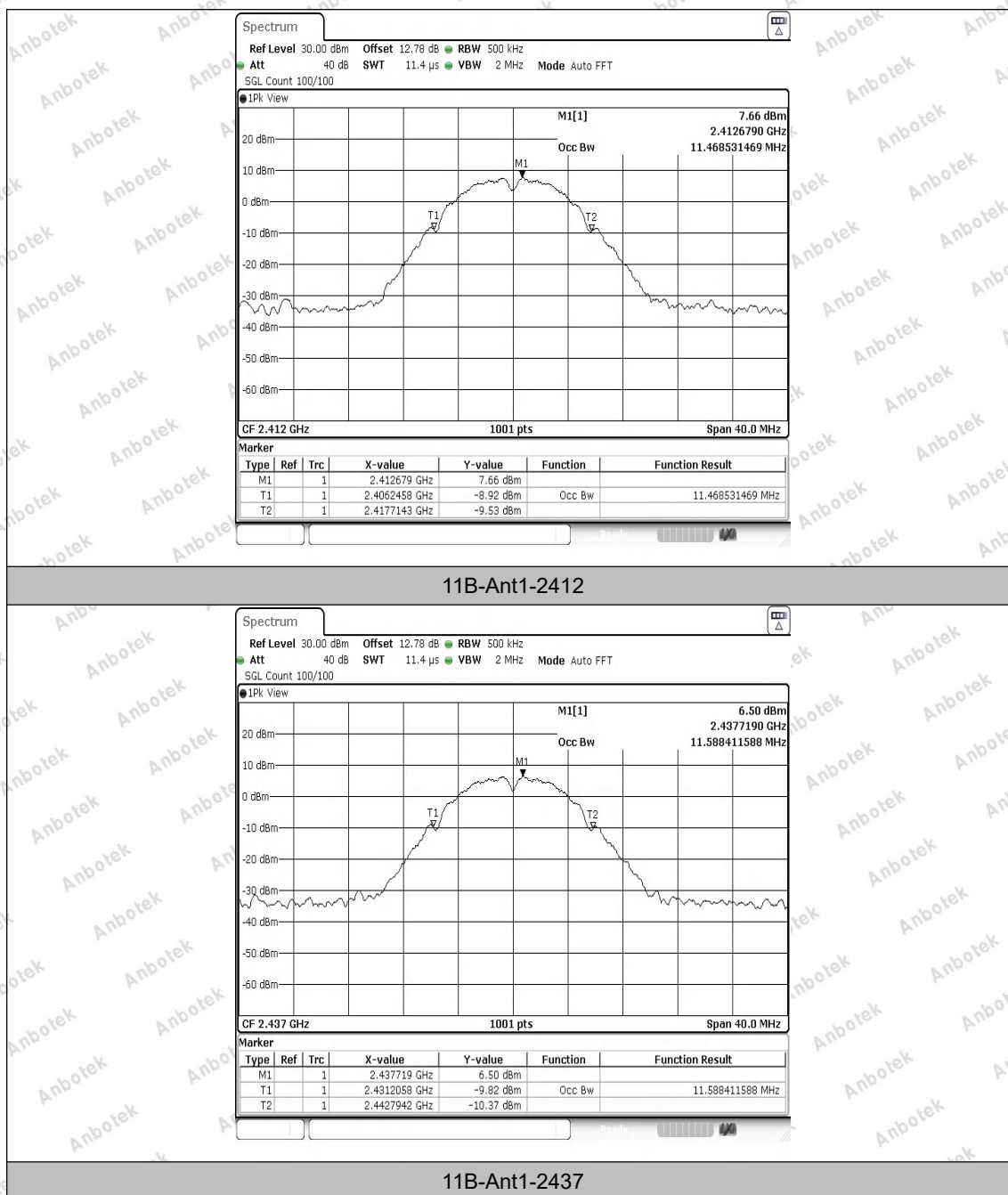
Appendix B: Occupied Channel Bandwidth

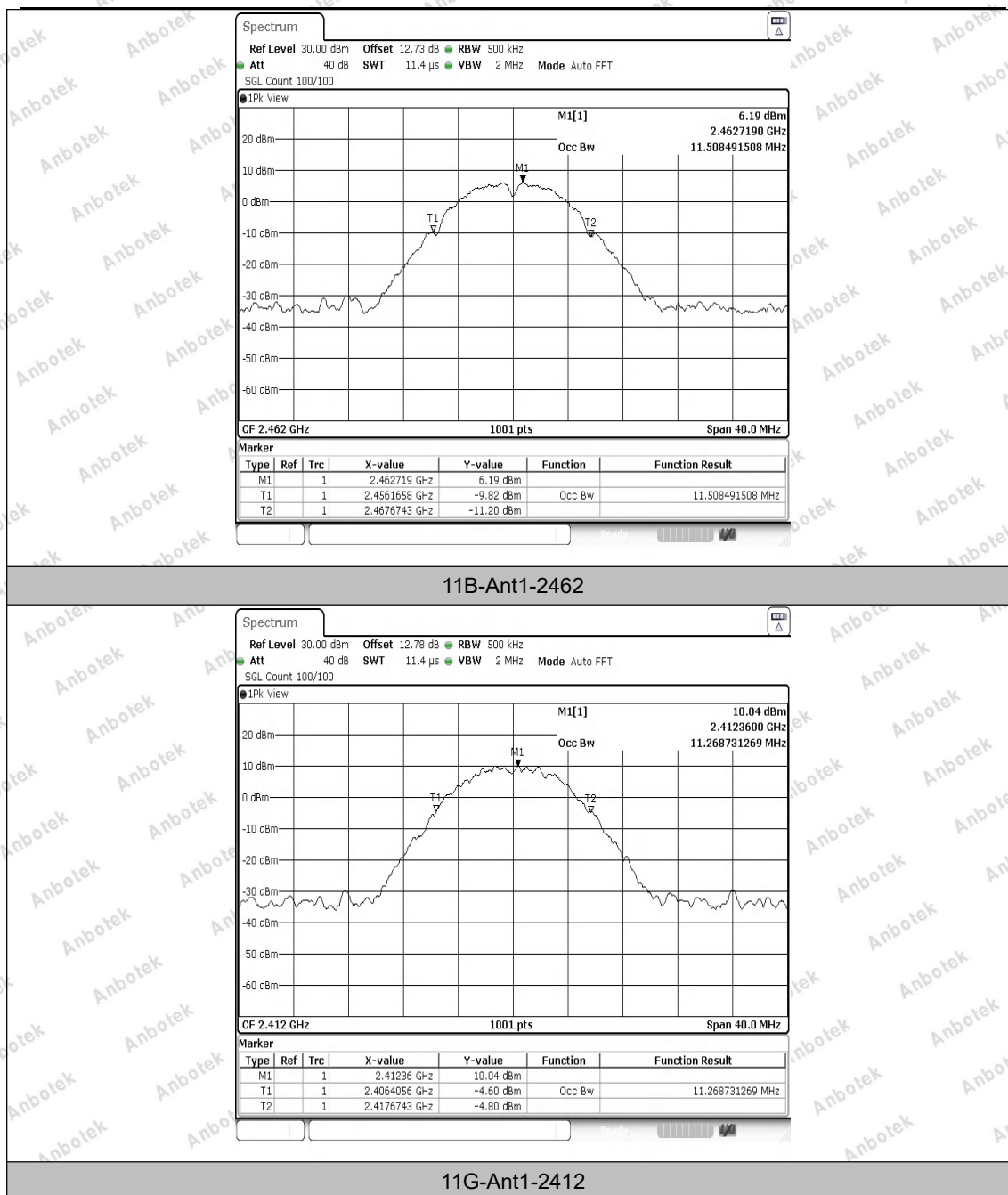
Test Result

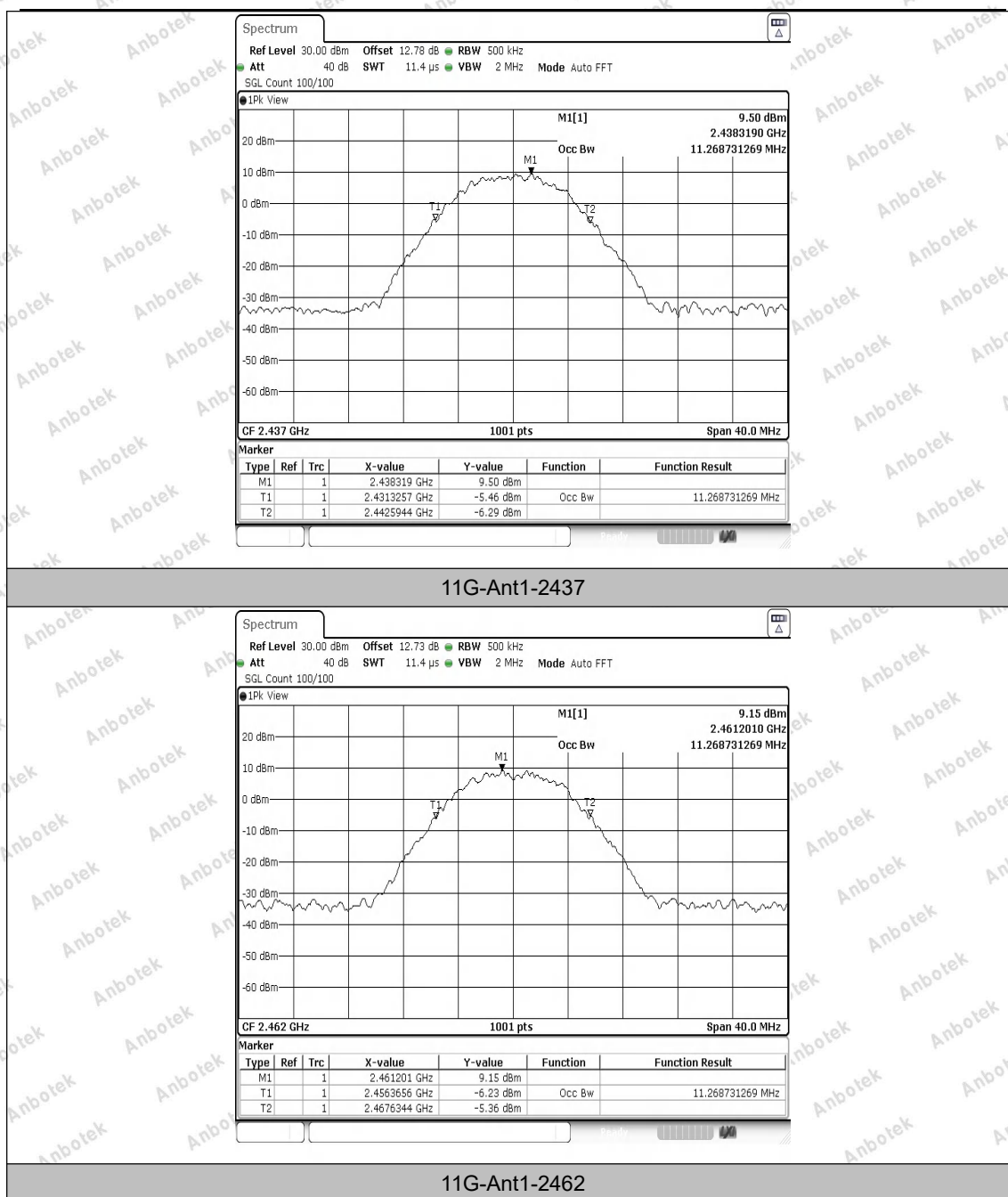
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.469	2406.2458	2417.7143	---	---
11B	Ant1	2437	11.588	2431.2058	2442.7942	---	---
11B	Ant1	2462	11.508	2456.1658	2467.6743	---	---
11G	Ant1	2412	11.269	2406.4056	2417.6743	---	---
11G	Ant1	2437	11.269	2431.3257	2442.5944	---	---
11G	Ant1	2462	11.269	2456.3656	2467.6344	---	---
11N20SISO	Ant1	2412	11.588	2406.2058	2417.7942	---	---
11N20SISO	Ant1	2437	11.708	2431.1658	2442.8741	---	---
11N20SISO	Ant1	2462	11.668	2456.1259	2467.7942	---	---

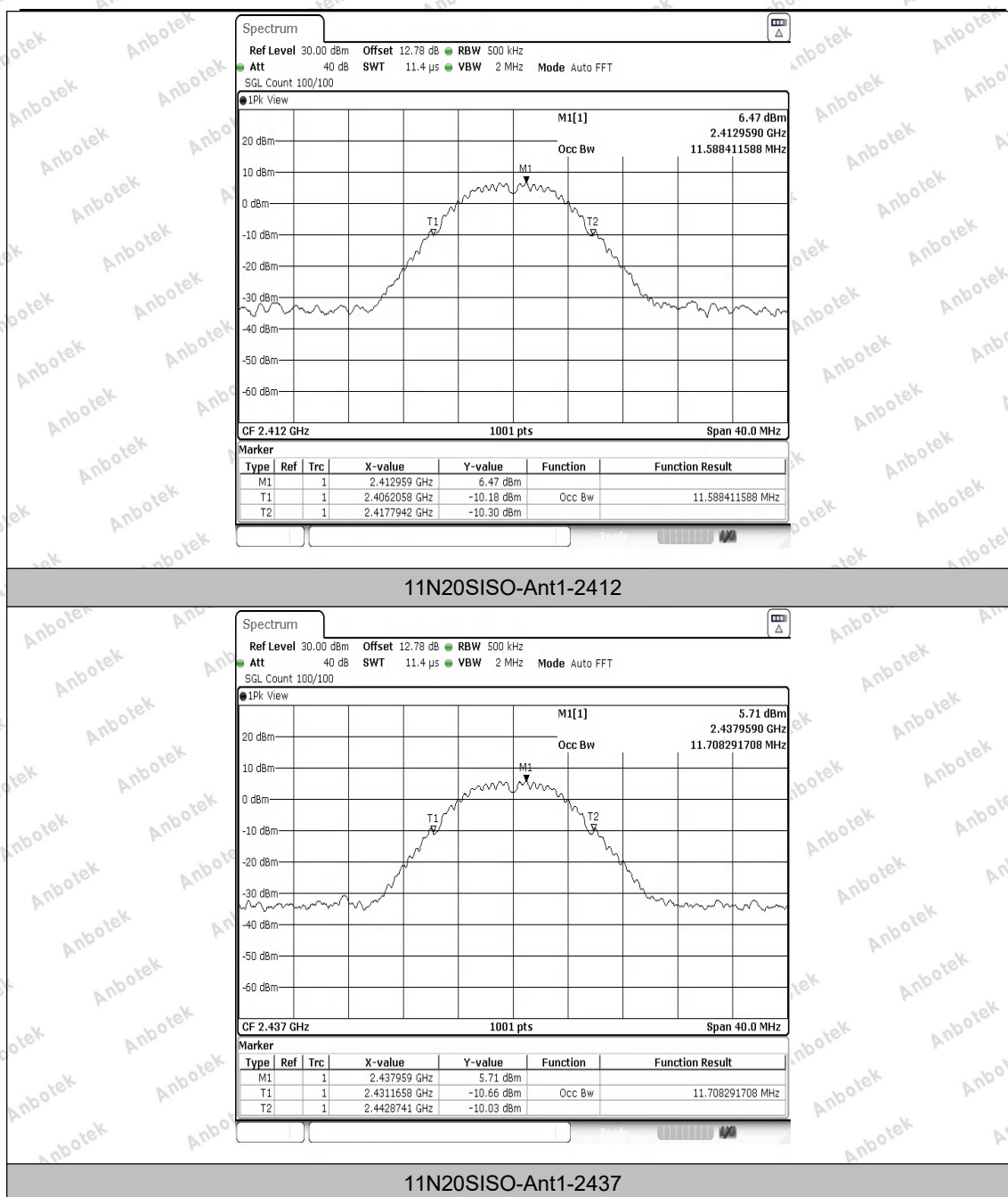


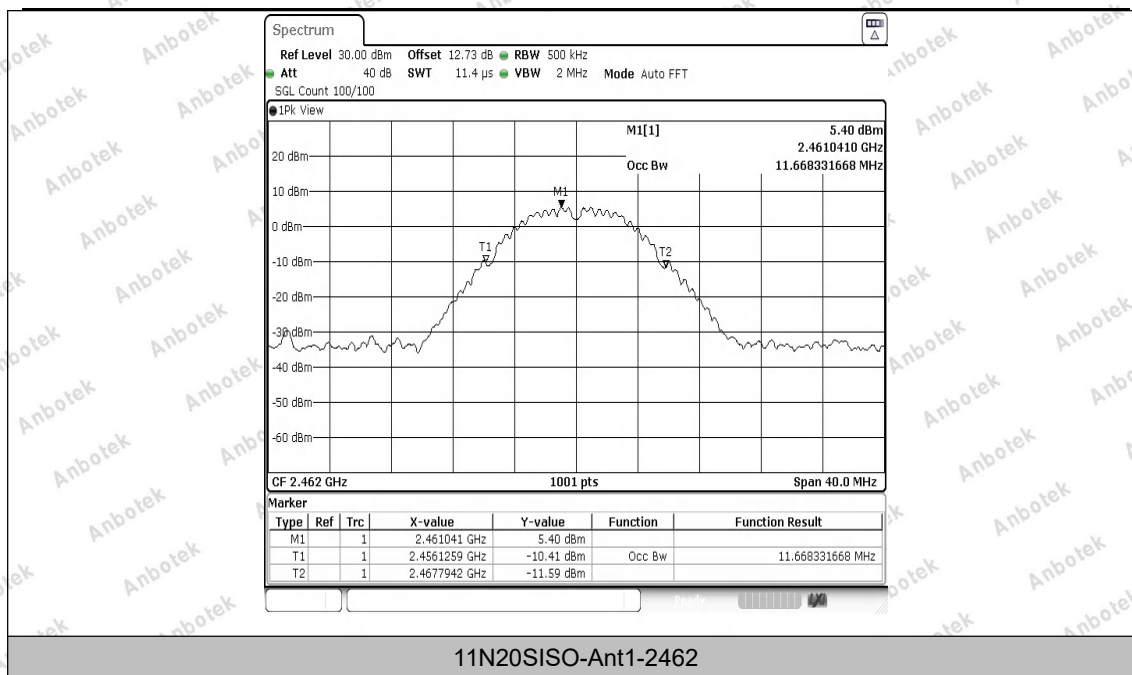
Test Graphs











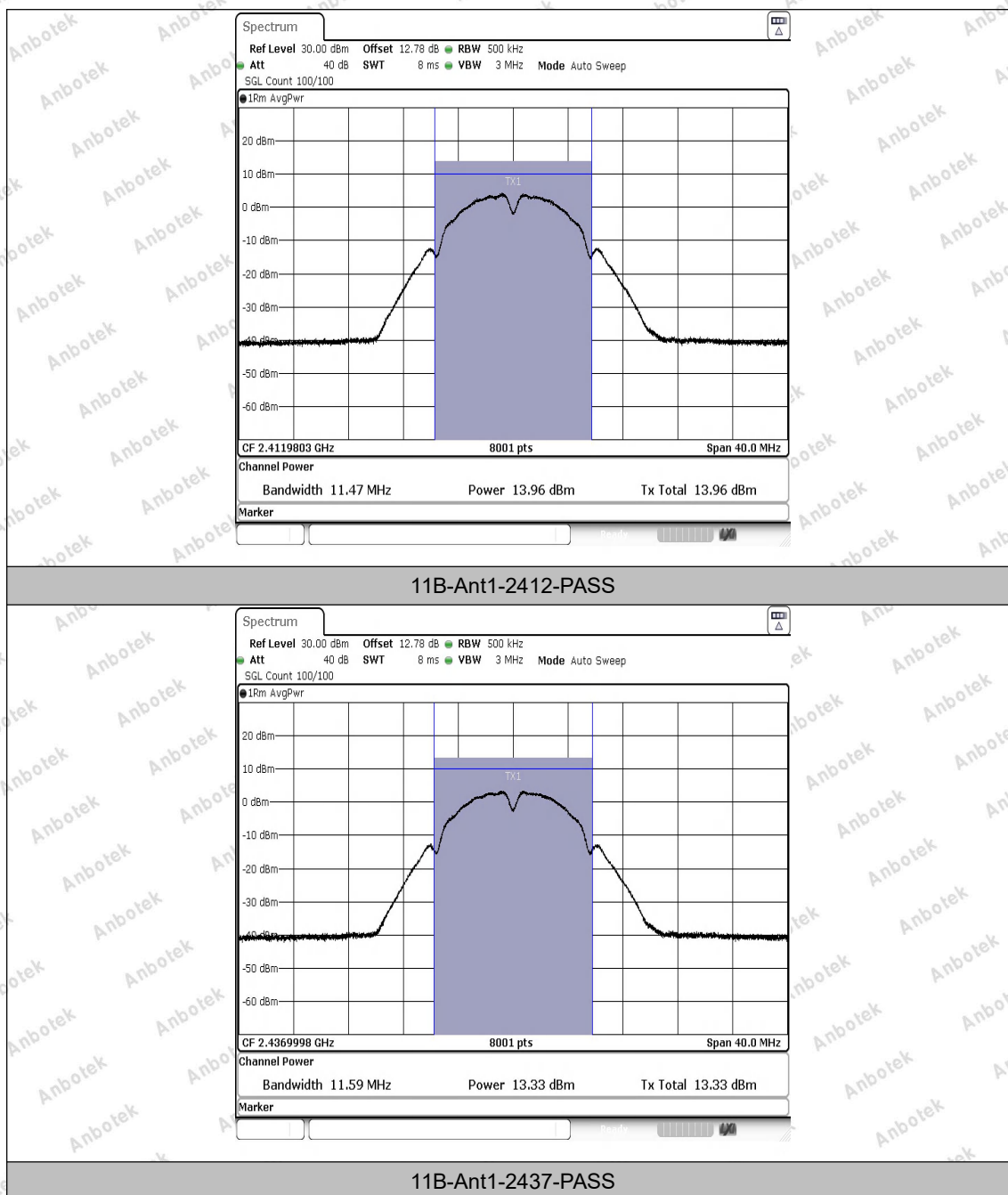
Appendix C: Maximum conducted output power

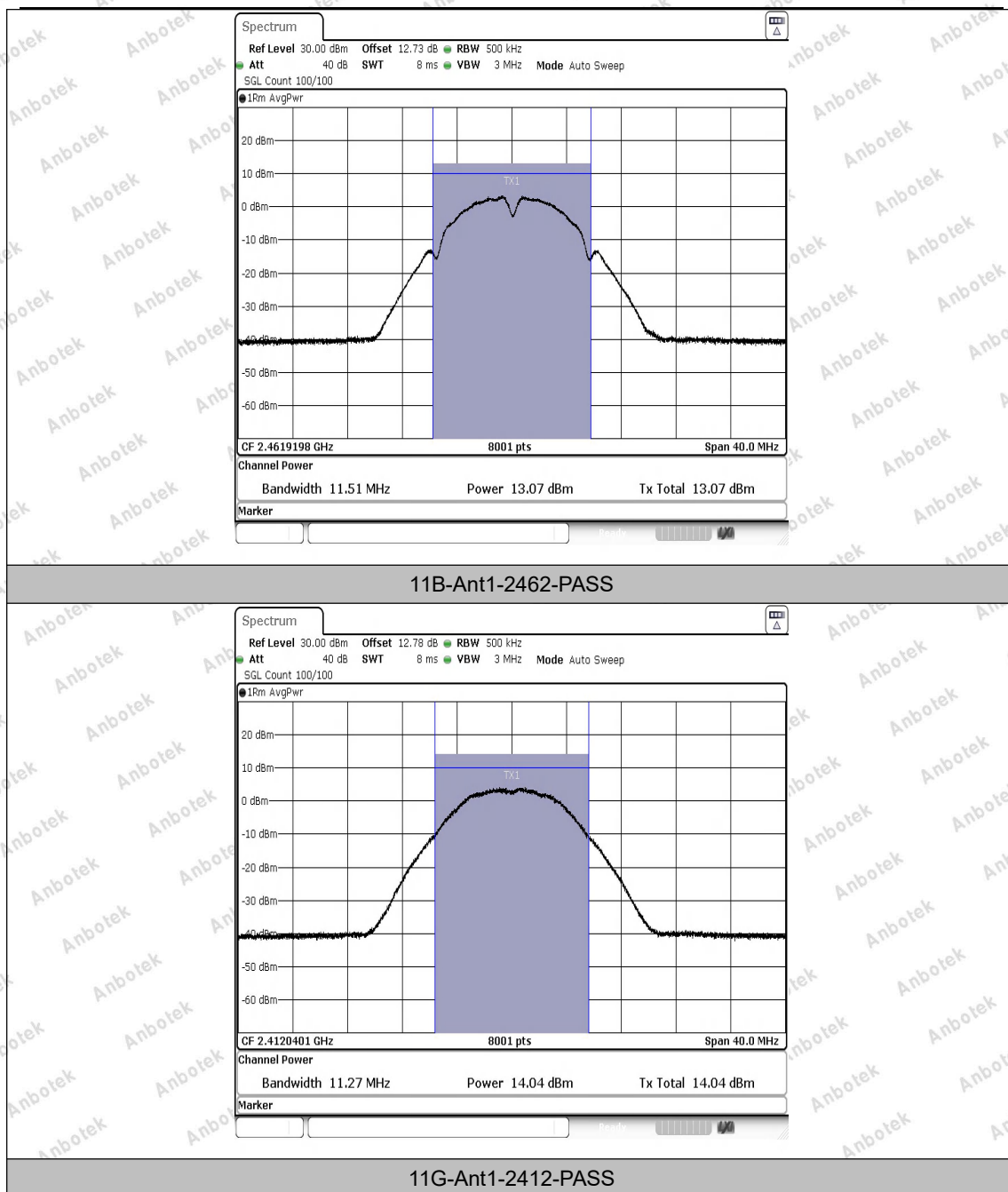
Test Result

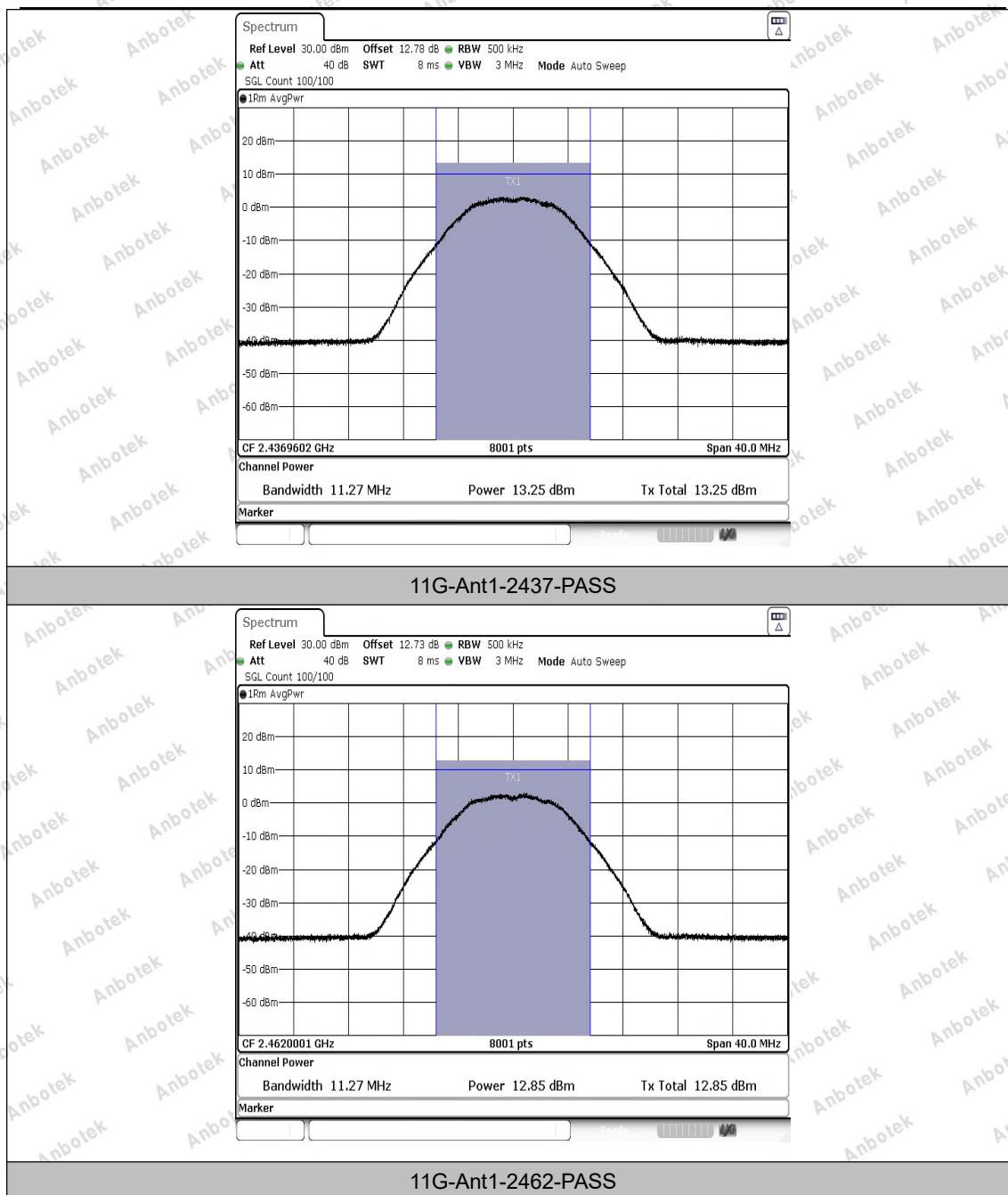
Test Mode	Antenna	Frequency [MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	13.96	100.00	0.00	13.96	≤30.00	PASS
11B	Ant1	2437	13.33	100.00	0.00	13.33	≤30.00	PASS
11B	Ant1	2462	13.07	100.00	0.00	13.07	≤30.00	PASS
11G	Ant1	2412	14.04	98.80	0.05	14.09	≤30.00	PASS
11G	Ant1	2437	13.25	98.80	0.05	13.30	≤30.00	PASS
11G	Ant1	2462	12.85	98.80	0.05	12.90	≤30.00	PASS
11N20SISO	Ant1	2412	13.98	100.00	0.00	13.98	≤30.00	PASS
11N20SISO	Ant1	2437	13.18	100.00	0.00	13.18	≤30.00	PASS
11N20SISO	Ant1	2462	12.86	100.00	0.00	12.86	≤30.00	PASS

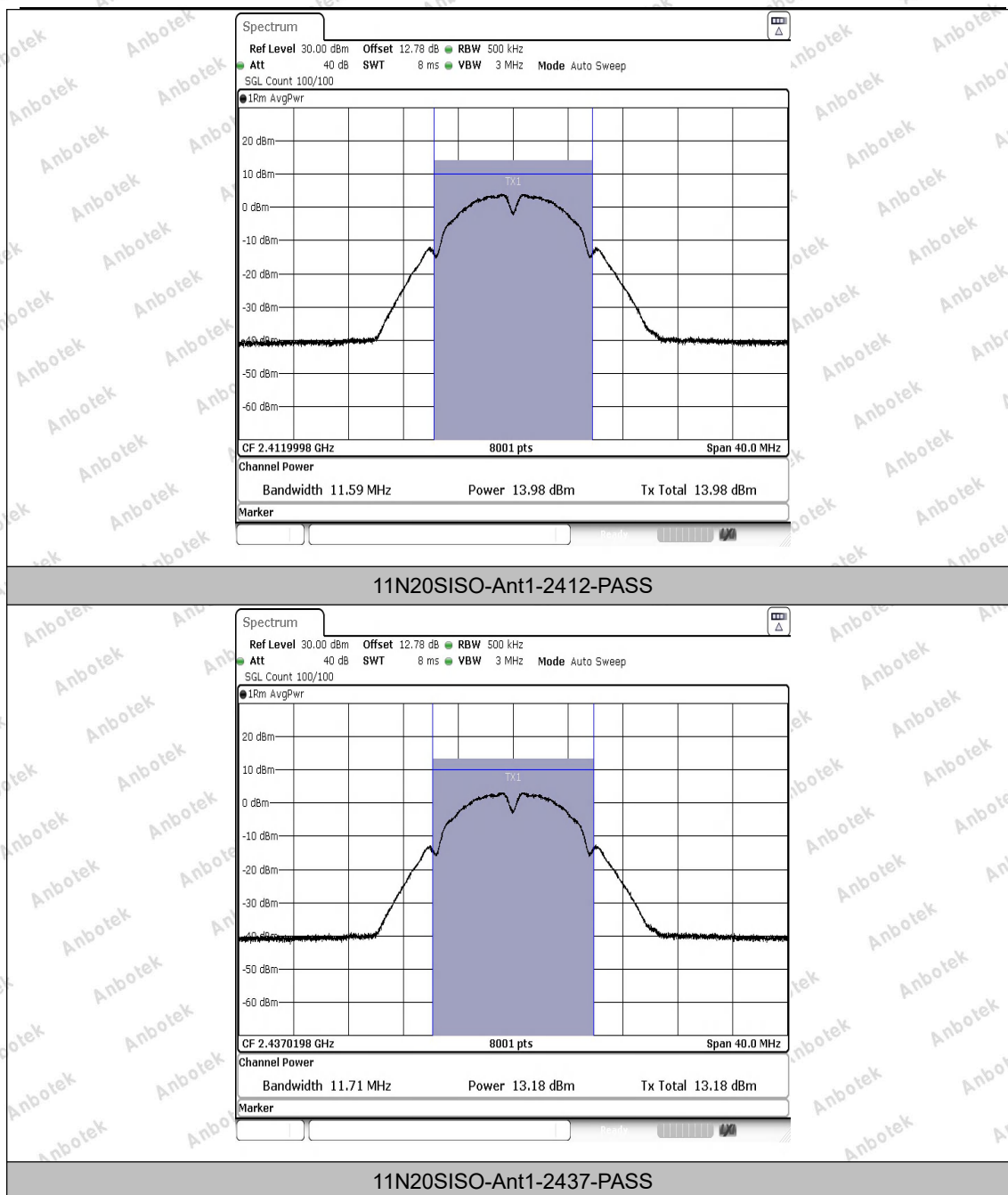


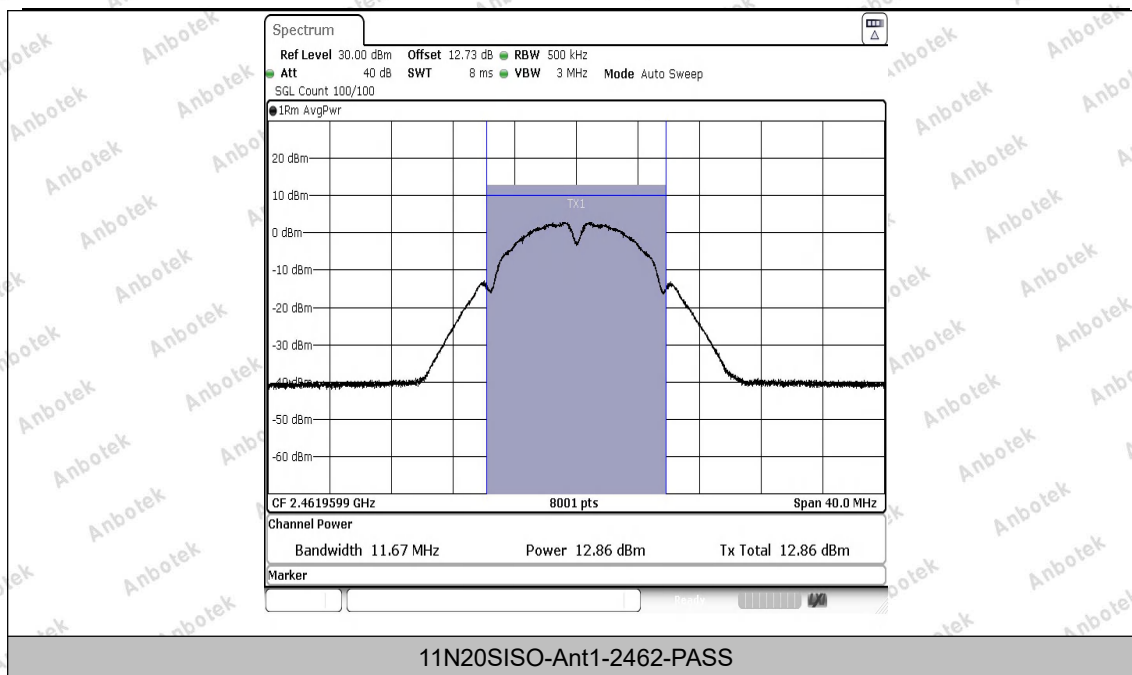
Test Graphs











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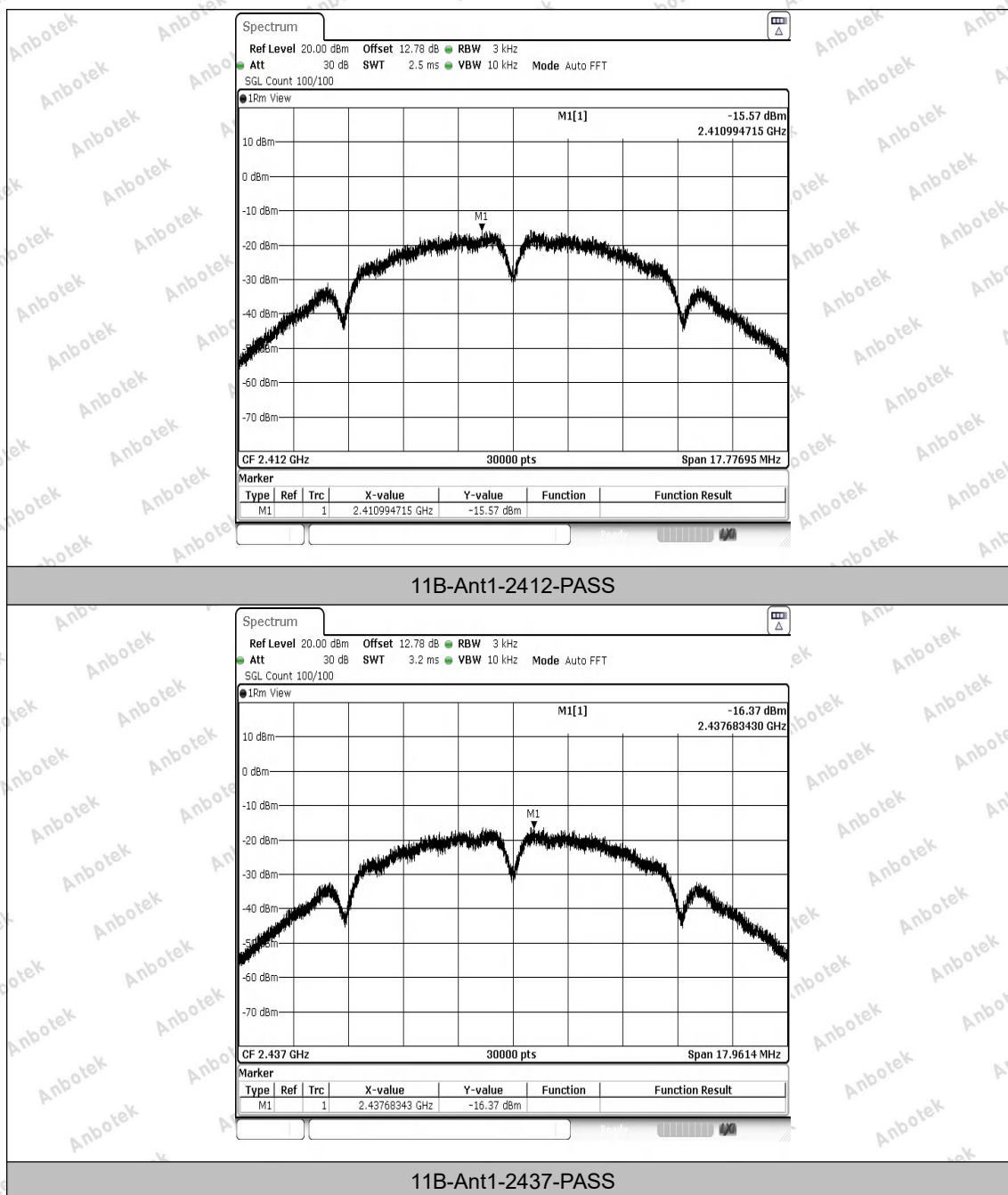
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-15.57	≤8.00	PASS
11B	Ant1	2437	-16.37	≤8.00	PASS
11B	Ant1	2462	-16.33	≤8.00	PASS
11G	Ant1	2412	-12.55	≤8.00	PASS
11G	Ant1	2437	-14.24	≤8.00	PASS
11G	Ant1	2462	-14.06	≤8.00	PASS
11N20SISO	Ant1	2412	-16.22	≤8.00	PASS
11N20SISO	Ant1	2437	-16.57	≤8.00	PASS
11N20SISO	Ant1	2462	-16.72	≤8.00	PASS



Test Graphs



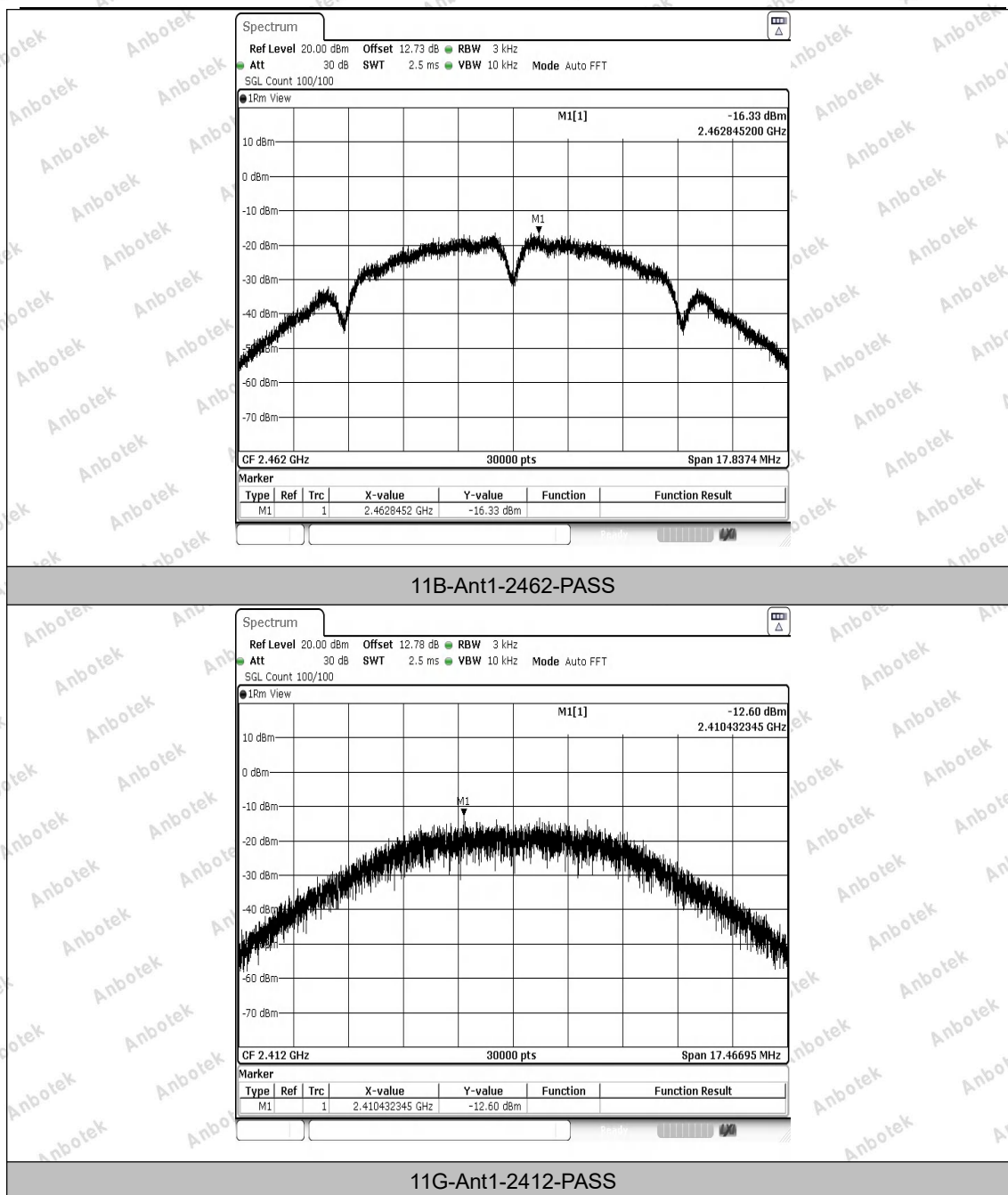
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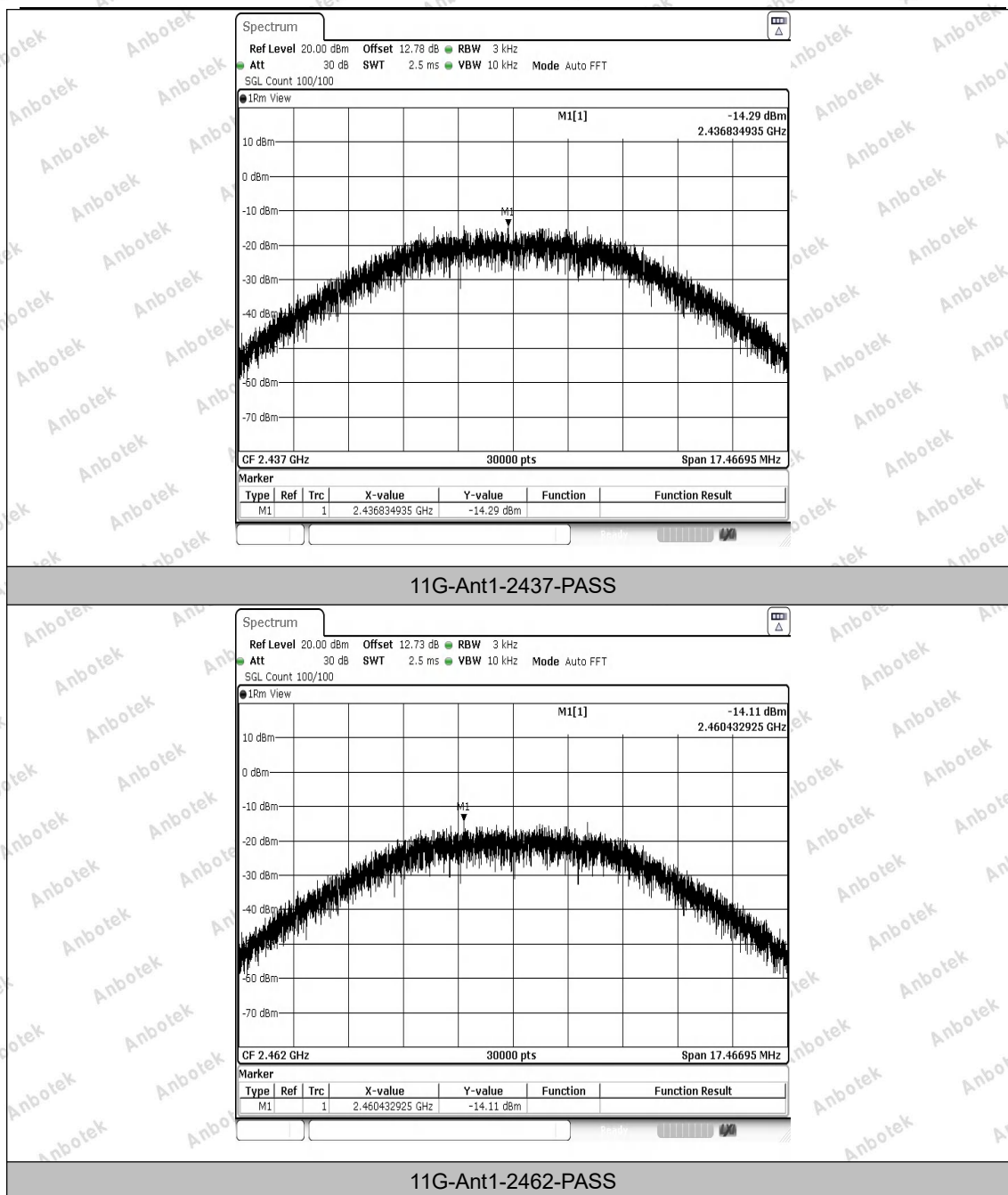
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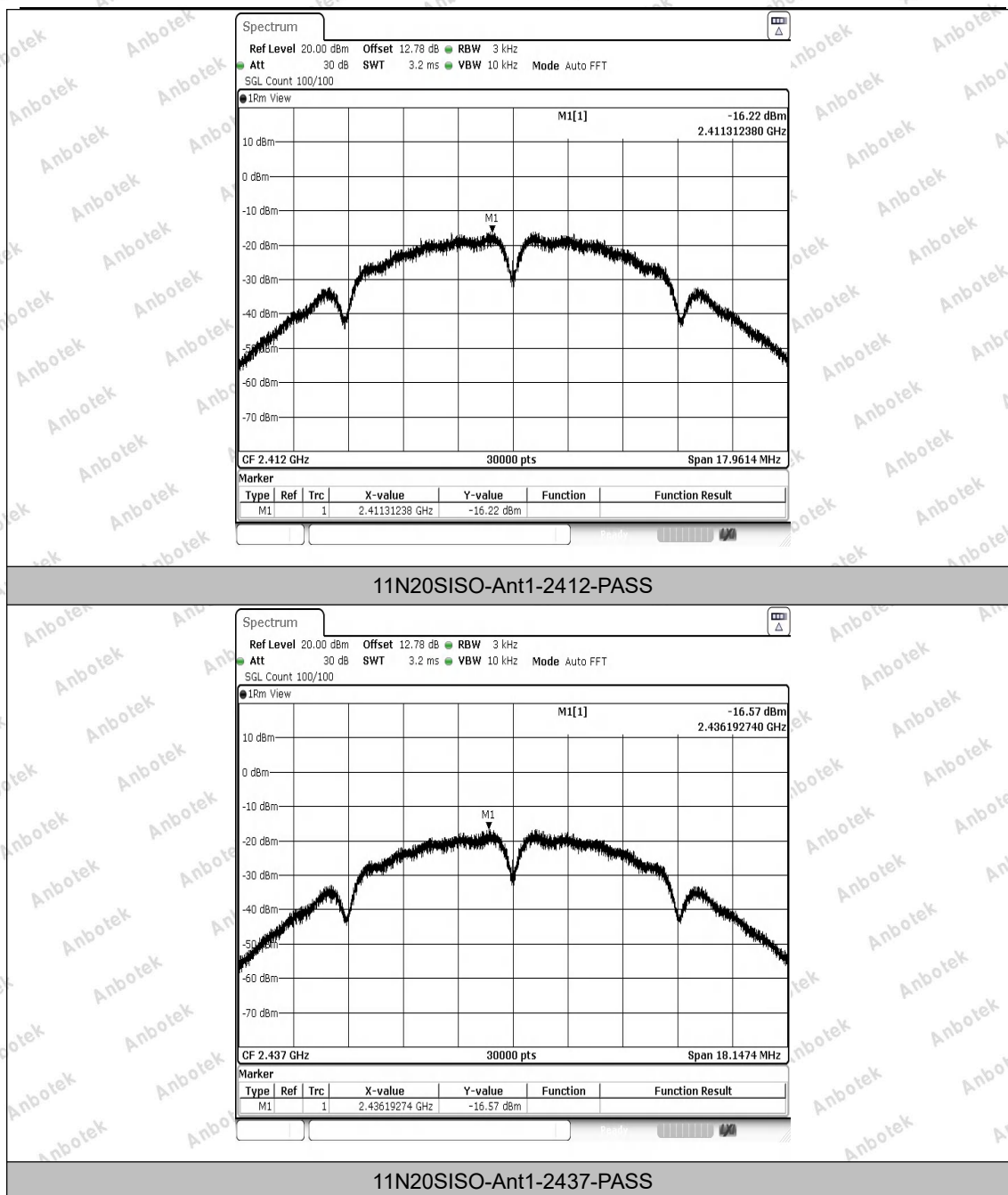
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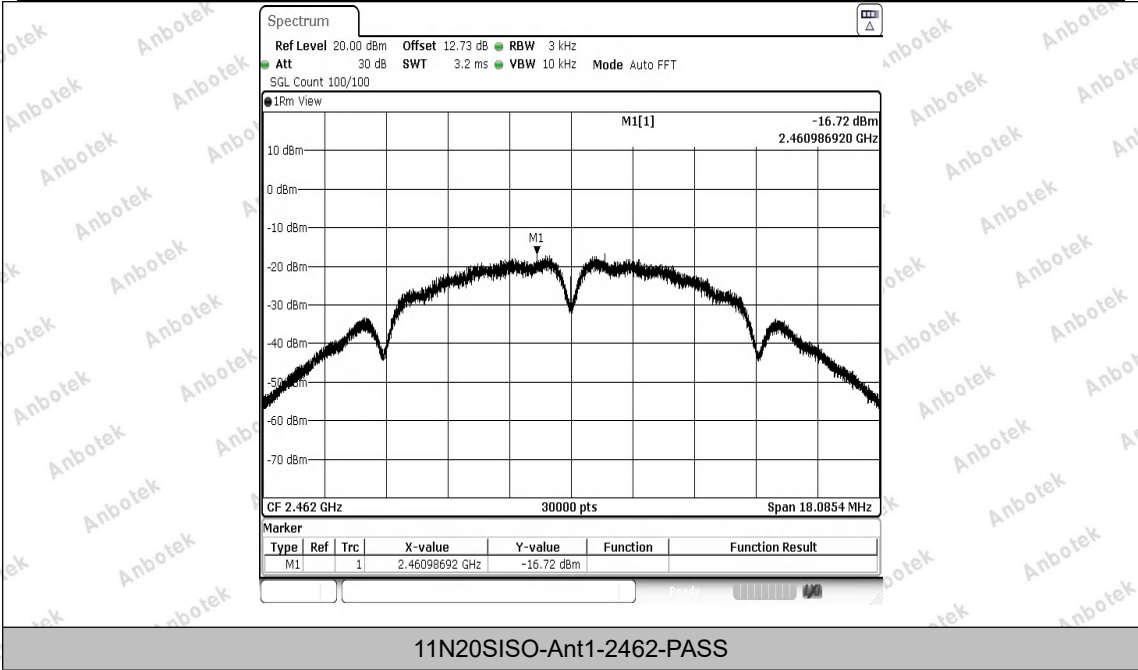


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Appendix F: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.90	-44.69	≤-27.1	PASS
11B	Ant1	High	2462	-0.15	-47.87	≤-30.15	PASS
11G	Ant1	Low	2412	2.13	-47.9	≤-27.87	PASS
11G	Ant1	High	2462	1.47	-47.72	≤-28.53	PASS
11N20SISO	Ant1	Low	2412	2.14	-48.15	≤-27.86	PASS
11N20SISO	Ant1	High	2462	-0.61	-49.92	≤-30.61	PASS

