

Appendix Test Data

Report No:	182512C400544103	Test Sample NO:	1-2-2
Start Test Date:	2024.8.6	Finish Test Date:	2024.8.7
Test Engineer:	Joker Huang	Auditor:	Justin Feng
Temperature:	24.3℃	Relative Humidity:	56%
Pressure:	101 kPa		

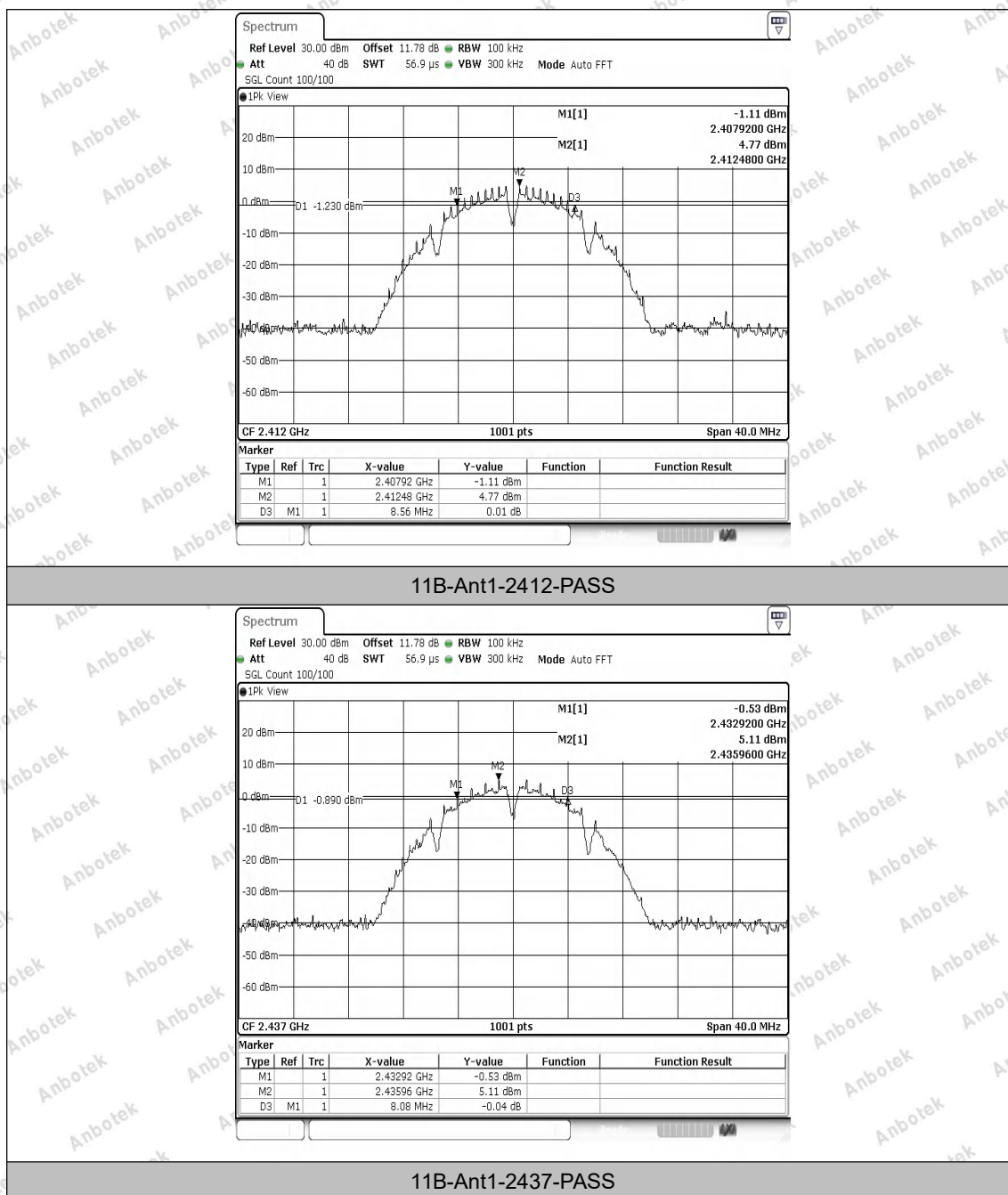
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.56	2407.92	2416.48	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	16.36	2403.80	2420.16	0.5	PASS
11G	Ant1	2437	16.32	2428.80	2445.12	0.5	PASS
11G	Ant1	2462	15.84	2454.04	2469.88	0.5	PASS
11N20SISO	Ant1	2412	17.20	2403.56	2420.76	0.5	PASS
11N20SISO	Ant1	2437	17.56	2428.16	2445.72	0.5	PASS
11N20SISO	Ant1	2462	15.96	2453.80	2469.76	0.5	PASS
11N40SISO	Ant1	2422	33.84	2405.68	2439.52	0.5	PASS
11N40SISO	Ant1	2437	27.20	2422.52	2449.72	0.5	PASS
11N40SISO	Ant1	2452	36.40	2433.76	2470.16	0.5	PASS
11AX20SISO	Ant1	2412	18.92	2402.56	2421.48	0.5	PASS
11AX20SISO	Ant1	2437	18.80	2427.52	2446.32	0.5	PASS
11AX20SISO	Ant1	2462	18.04	2453.04	2471.08	0.5	PASS
11AX40SISO	Ant1	2422	37.84	2403.20	2441.04	0.5	PASS
11AX40SISO	Ant1	2437	33.44	2420.84	2454.28	0.5	PASS
11AX40SISO	Ant1	2452	37.68	2432.96	2470.64	0.5	PASS



Test Graphs



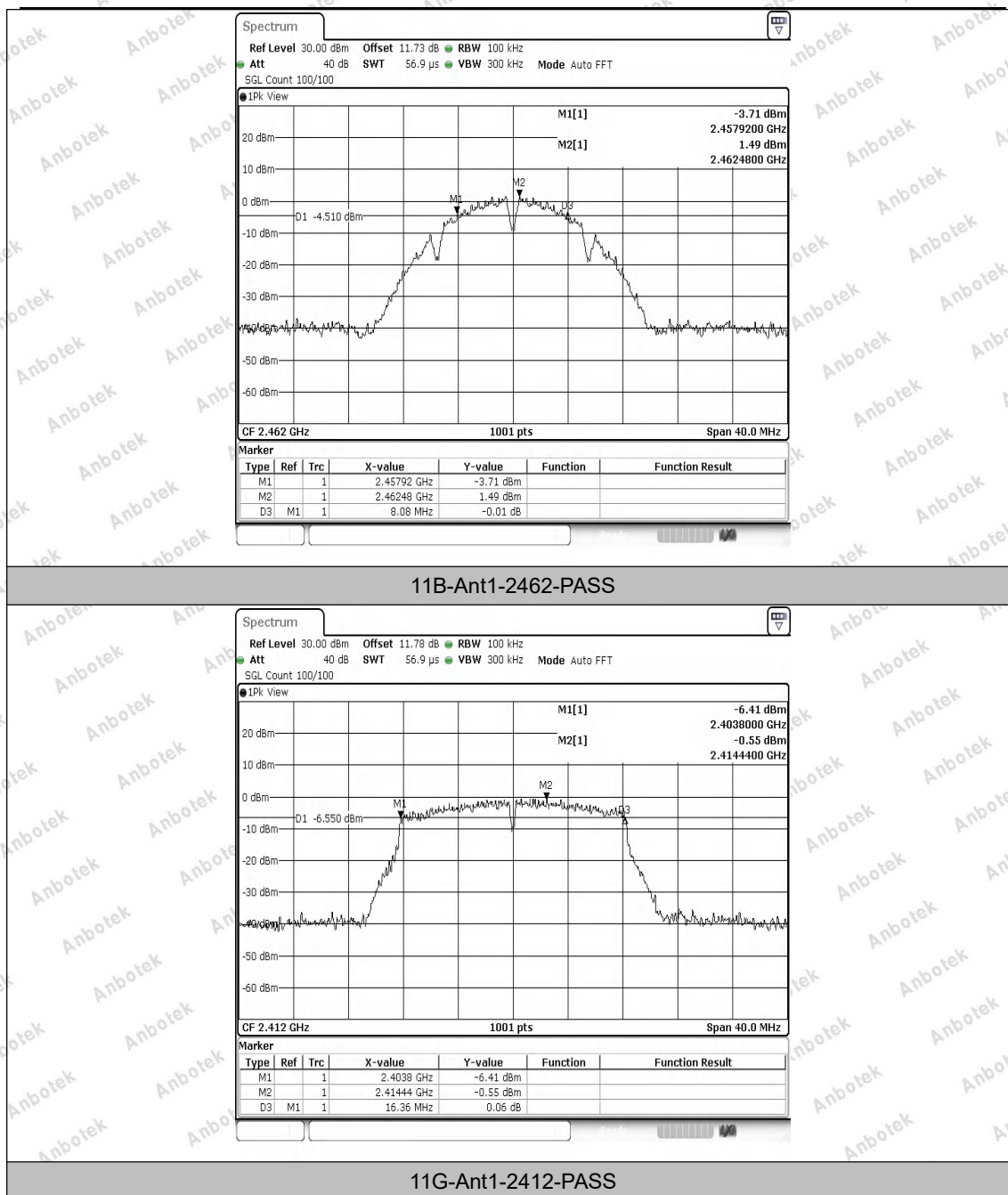
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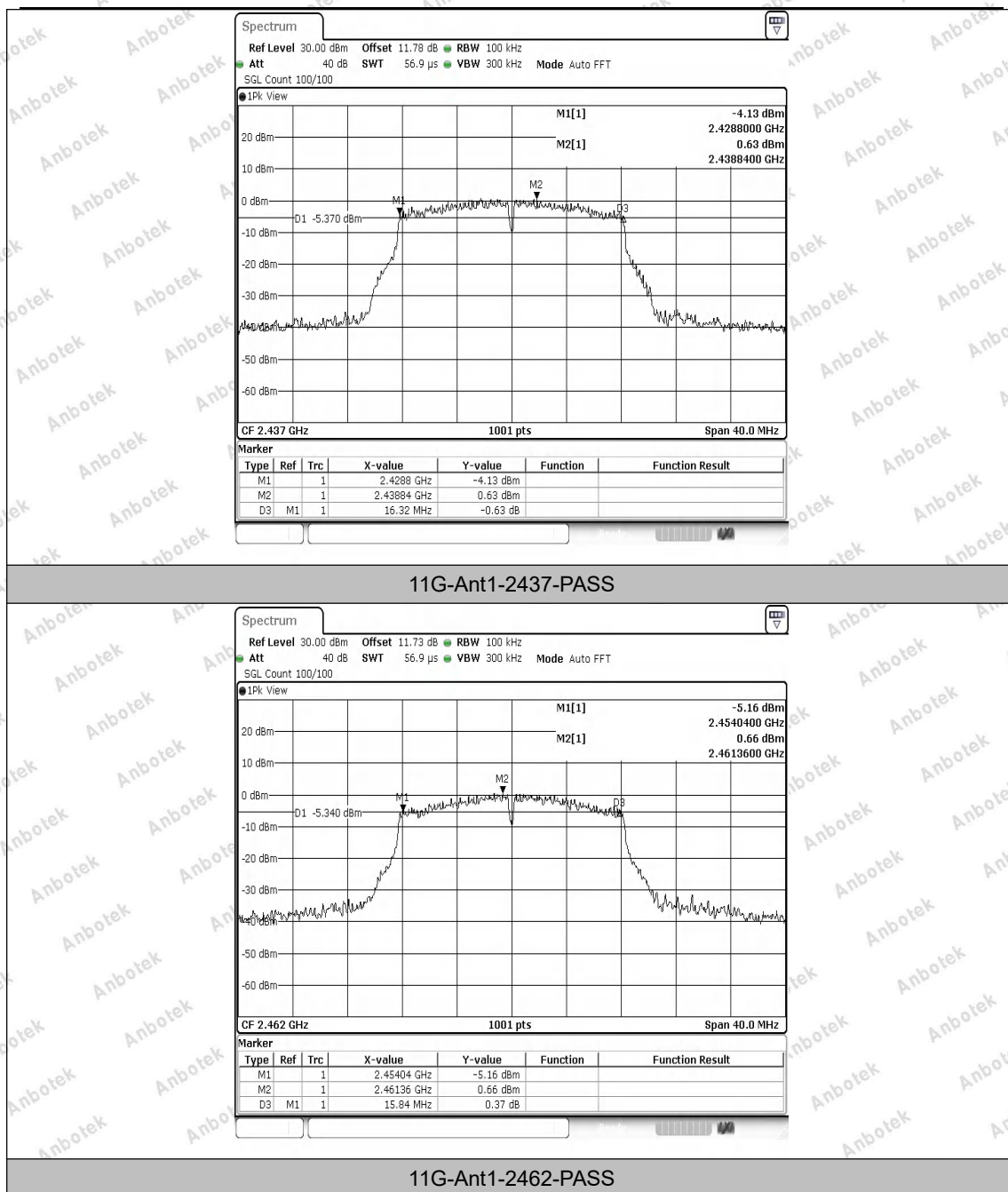
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Sanwei Community, Hahgcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China,
Tel: (86) 0755-26066440 Email: service@anbotek.com

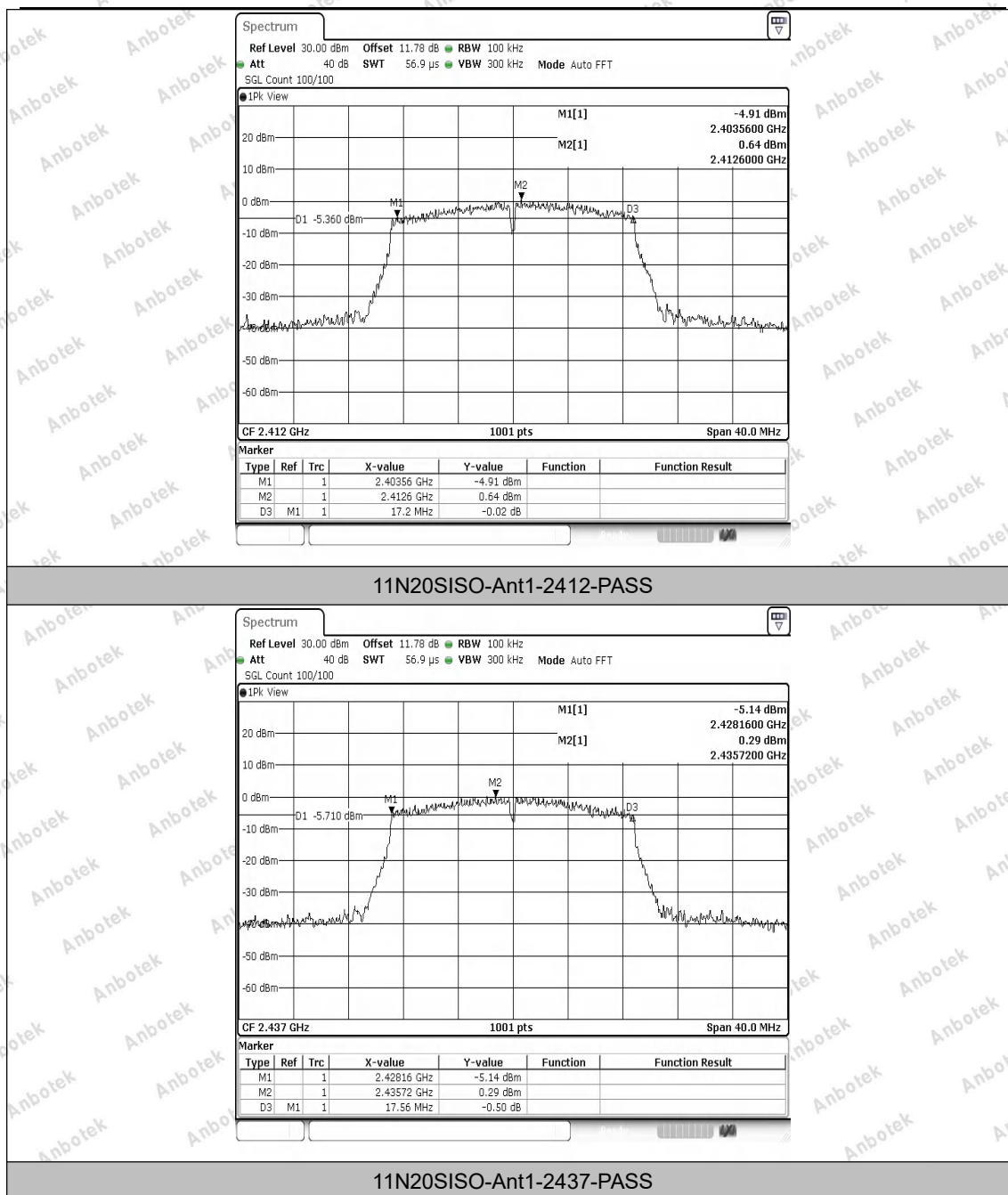


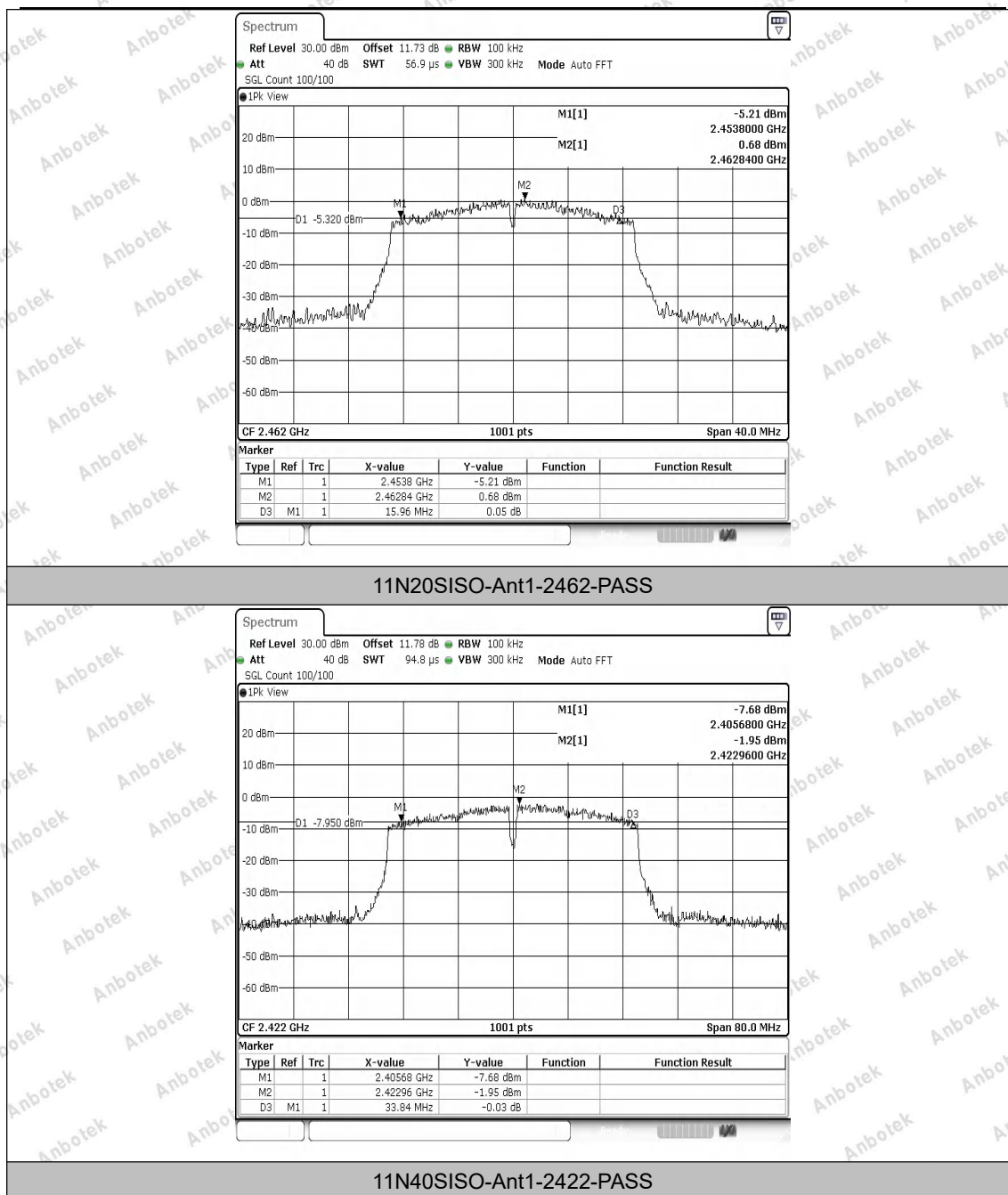
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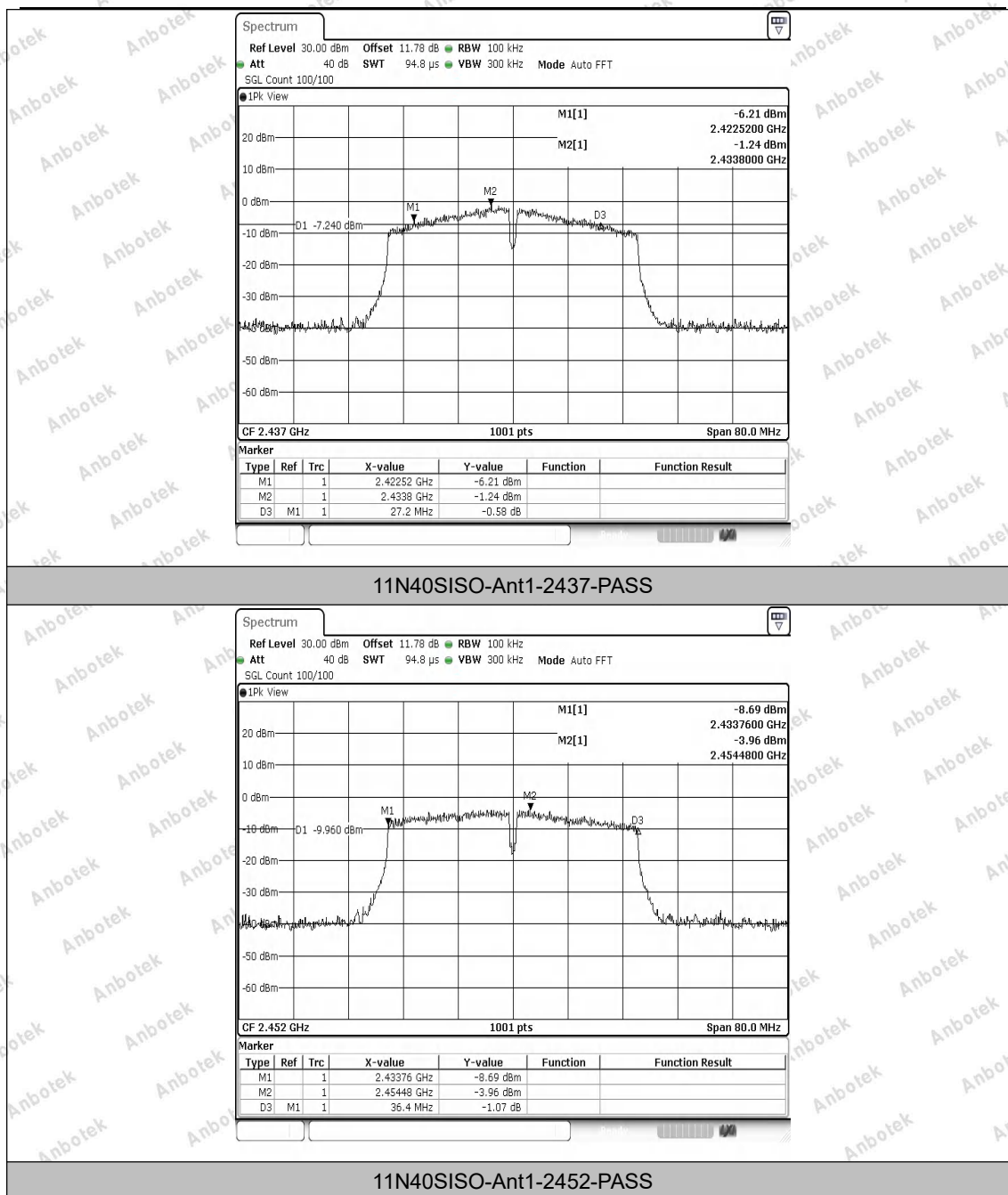


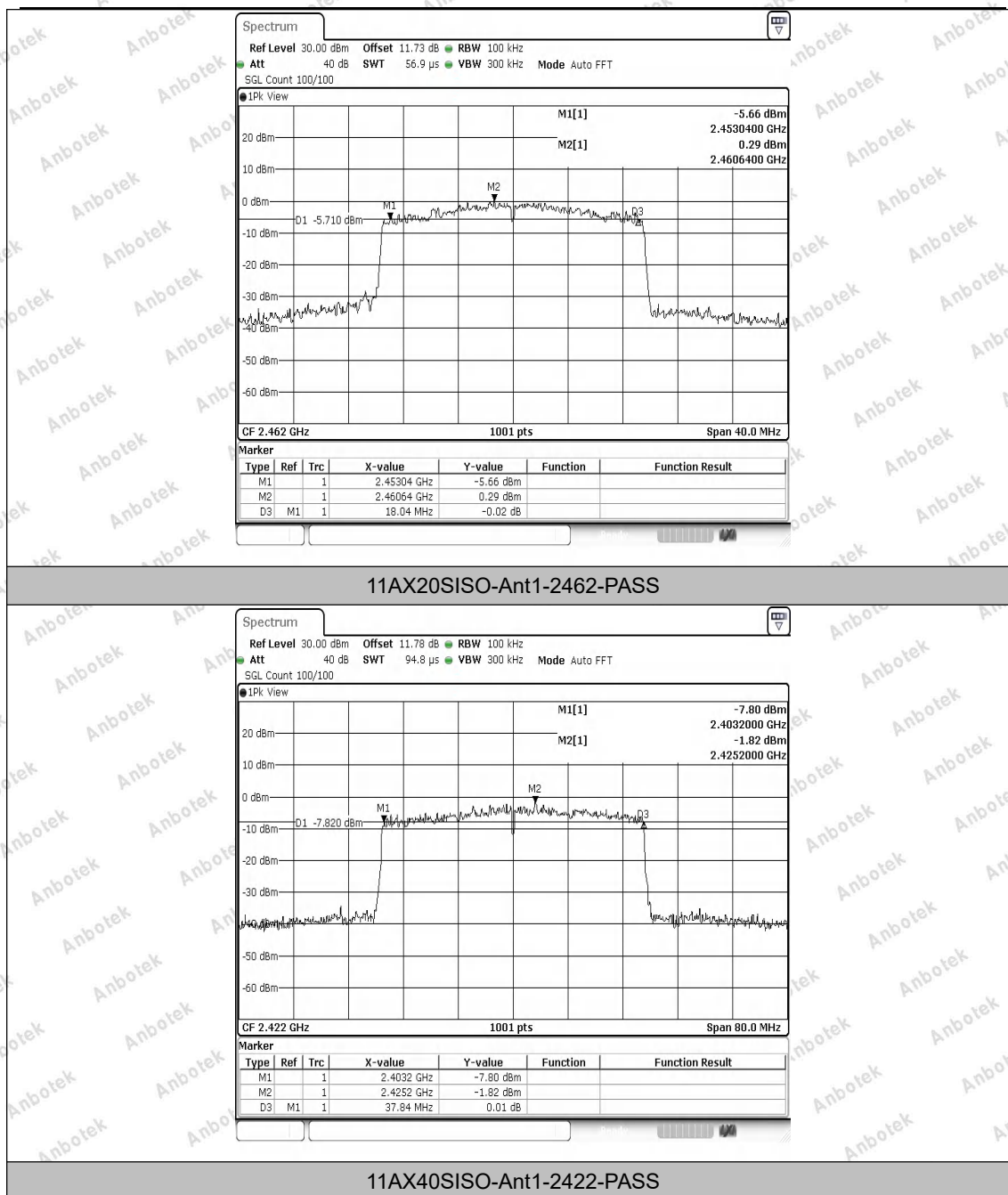


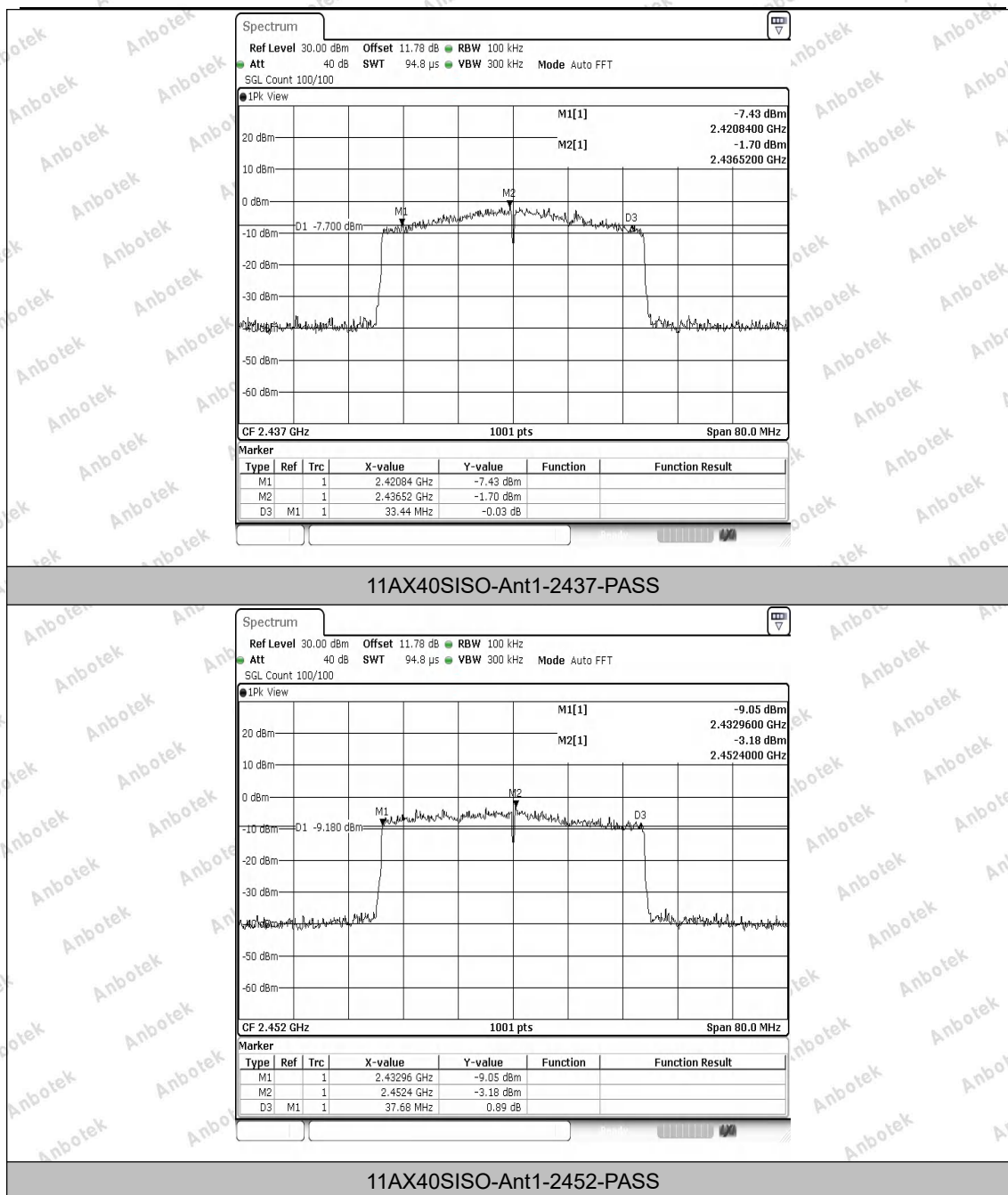












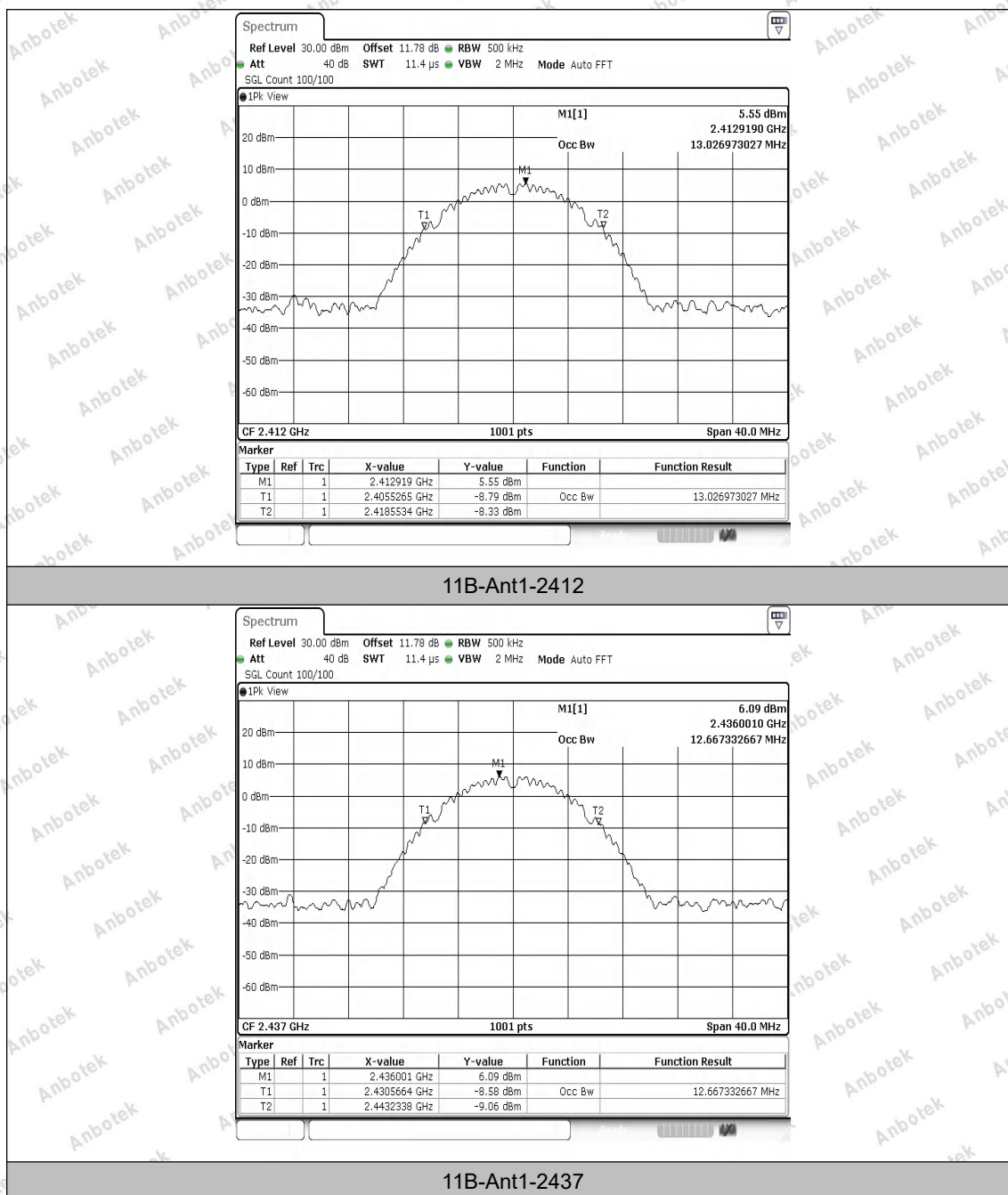
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.027	2405.5265	2418.5534	---	---
11B	Ant1	2437	12.667	2430.5664	2443.2338	---	---
11B	Ant1	2462	13.027	2455.4466	2468.4735	---	---
11G	Ant1	2412	16.464	2403.7682	2420.2318	---	---
11G	Ant1	2437	16.783	2428.5285	2445.3117	---	---
11G	Ant1	2462	16.863	2453.3287	2470.1918	---	---
11N20SISO	Ant1	2412	17.782	2403.1289	2420.9111	---	---
11N20SISO	Ant1	2437	17.742	2428.0090	2445.7512	---	---
11N20SISO	Ant1	2462	17.542	2453.2887	2470.8312	---	---
11N40SISO	Ant1	2422	35.884	2404.0180	2439.9021	---	---
11N40SISO	Ant1	2437	35.564	2419.0979	2454.6623	---	---
11N40SISO	Ant1	2452	36.124	2433.6983	2469.8222	---	---
11AX20SISO	Ant1	2412	18.861	2402.5295	2421.3906	---	---
11AX20SISO	Ant1	2437	18.861	2427.5694	2446.4306	---	---
11AX20SISO	Ant1	2462	18.661	2452.6094	2471.2707	---	---
11AX40SISO	Ant1	2422	37.882	2403.0589	2440.9411	---	---
11AX40SISO	Ant1	2437	37.083	2418.4585	2455.5415	---	---
11AX40SISO	Ant1	2452	37.722	2433.0589	2470.7812	---	---



Test Graphs



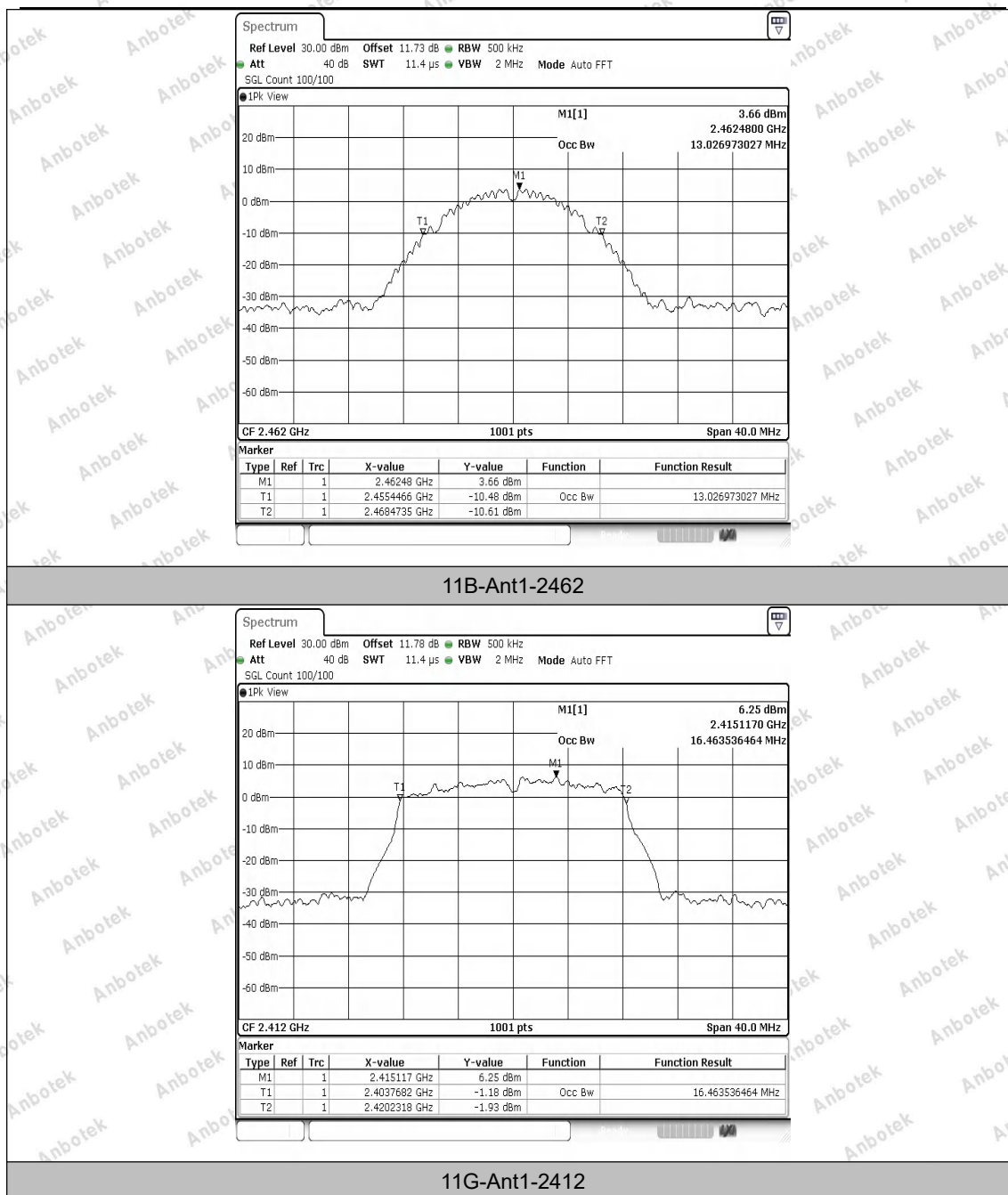
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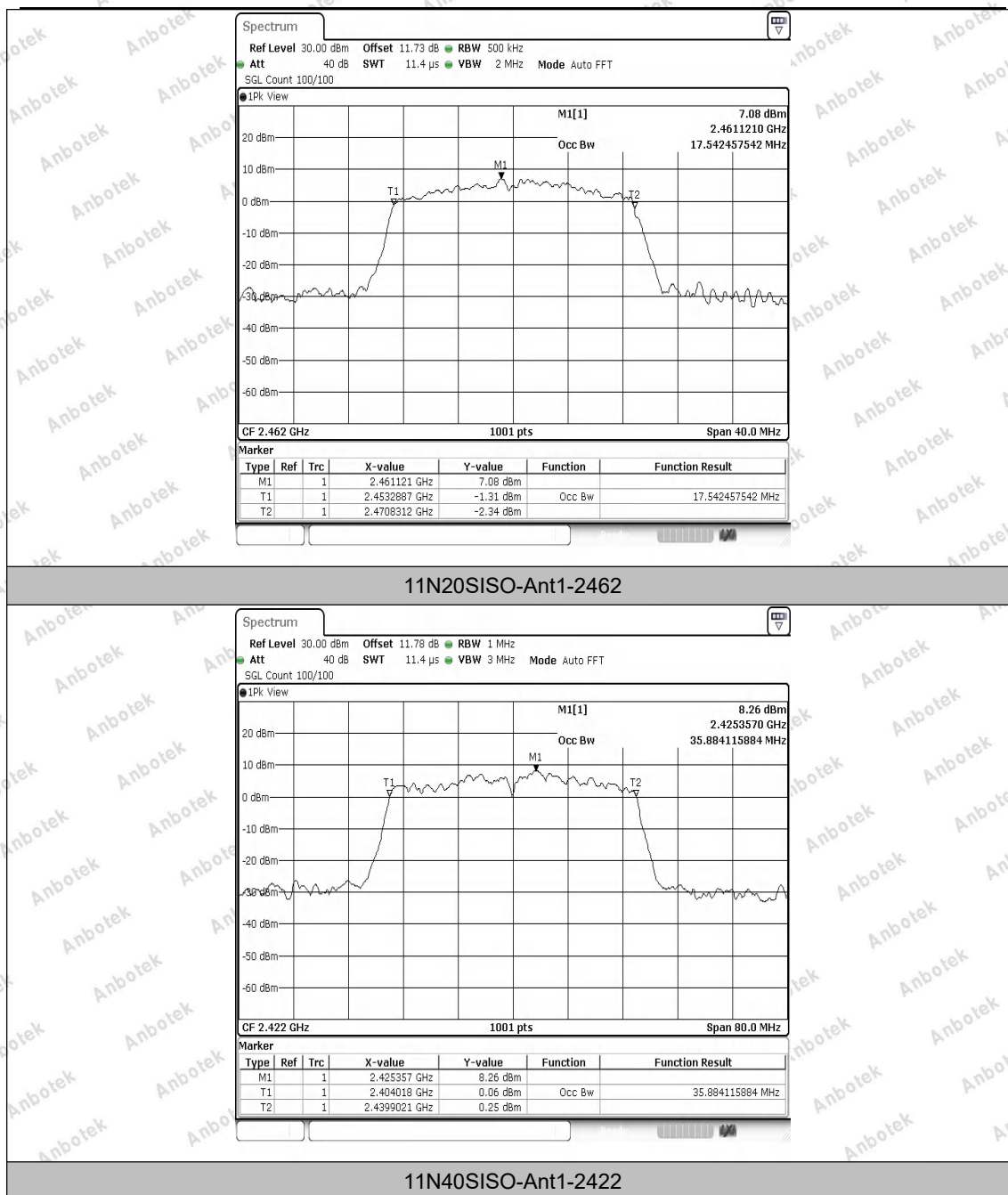
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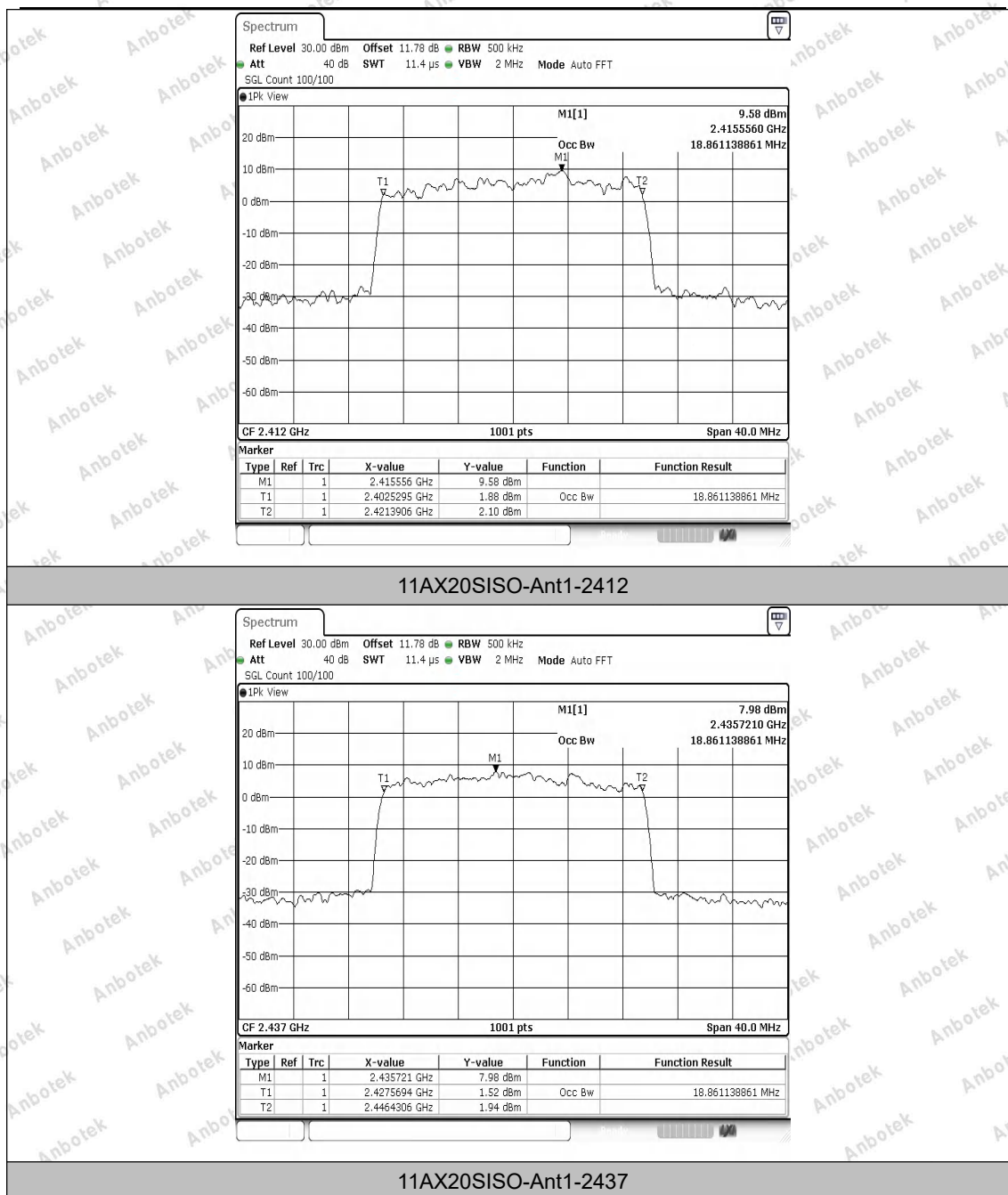


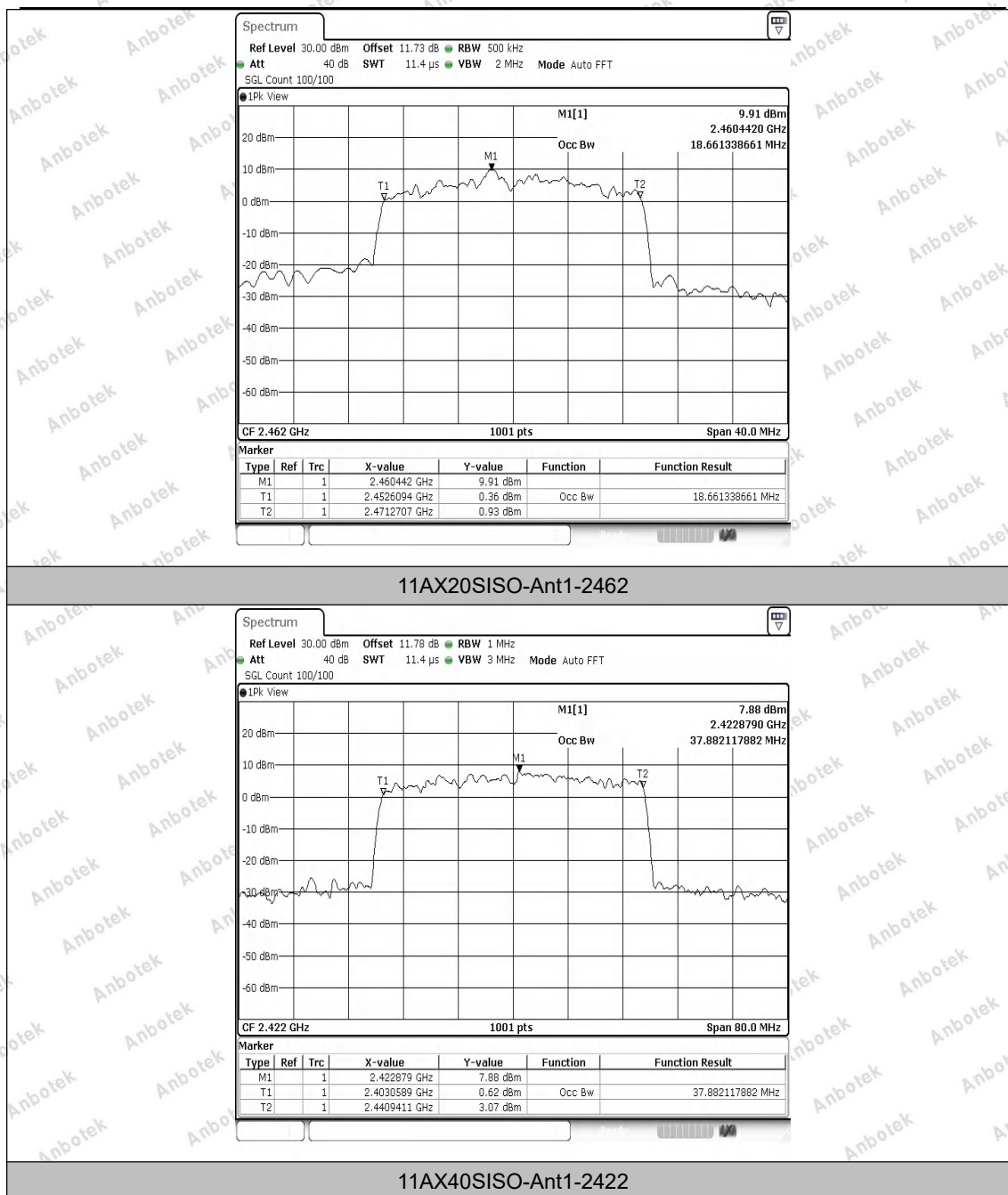


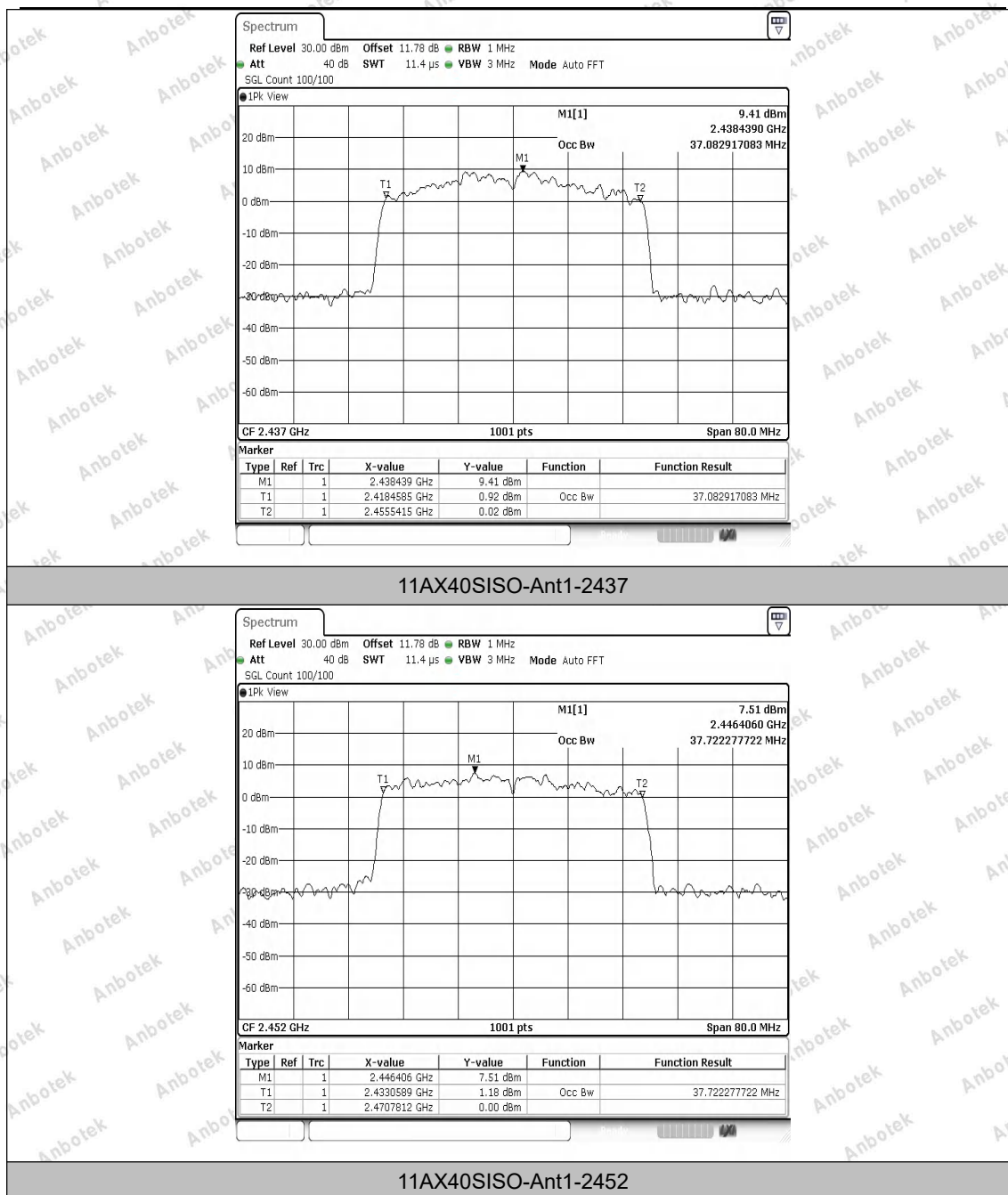












Appendix C: Maximum conducted output power

Test Result Average

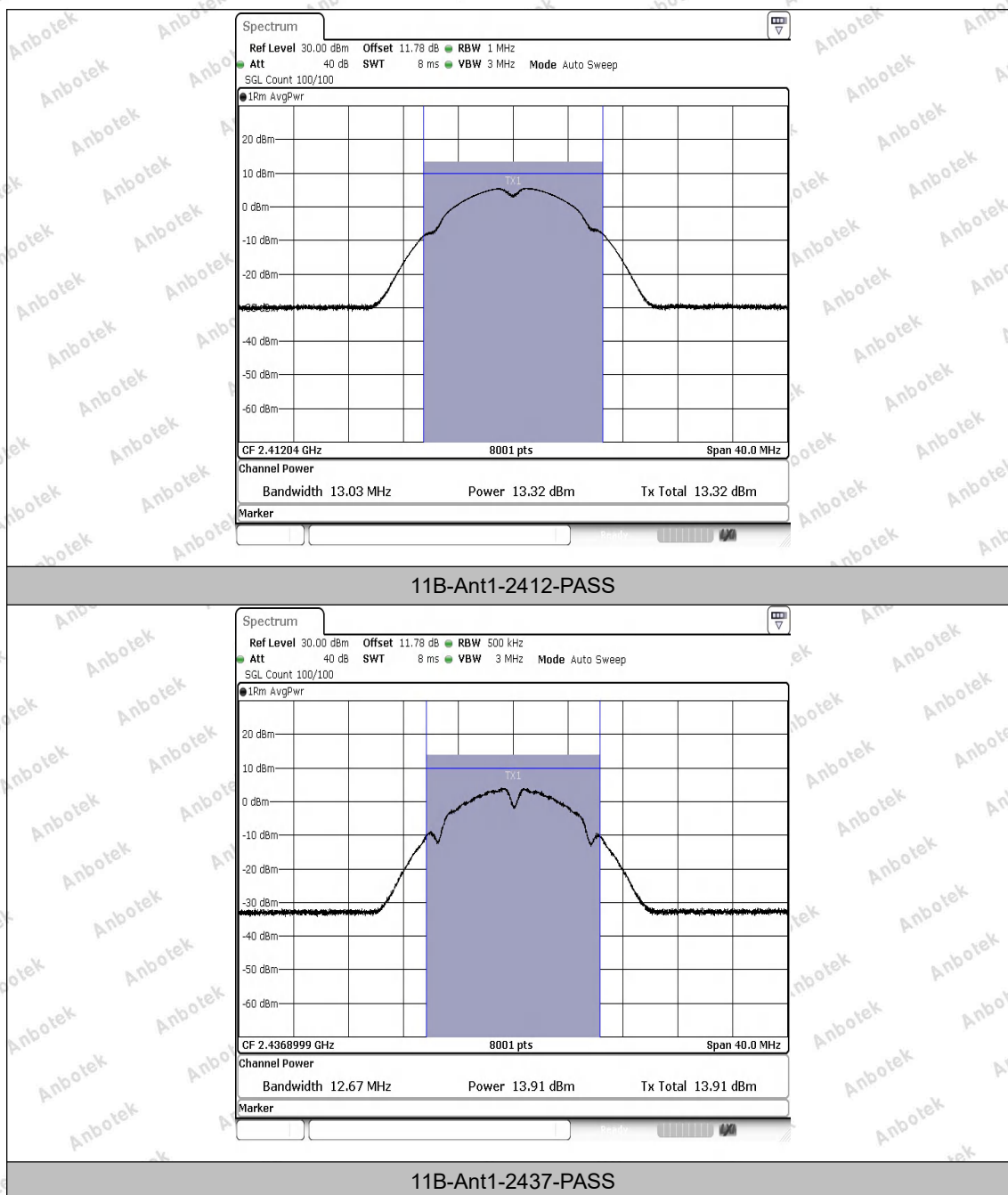
Test Mode	Antenna	Frequency [MHz]	Set Power	Average power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	NA	13.32	100.00	0.00	13.32	≤30.00	PASS
11B	Ant1	2437	NA	13.91	100.00	0.00	13.91	≤30.00	PASS
11B	Ant1	2462	NA	13.65	100.00	0.00	13.65	≤30.00	PASS
11G	Ant1	2412	NA	13.10	100.00	0.00	13.10	≤30.00	PASS
11G	Ant1	2437	NA	14.25	100.00	0.00	14.25	≤30.00	PASS
11G	Ant1	2462	NA	13.85	100.00	0.00	13.85	≤30.00	PASS
11N20SISO	Ant1	2412	NA	13.95	100.00	0.00	13.95	≤30.00	PASS
11N20SISO	Ant1	2437	NA	13.99	100.00	0.00	13.99	≤30.00	PASS
11N20SISO	Ant1	2462	NA	13.79	100.00	0.00	13.79	≤30.00	PASS
11N40SISO	Ant1	2422	NA	14.04	100.00	0.00	14.04	≤30.00	PASS
11N40SISO	Ant1	2437	NA	13.89	100.00	0.00	13.89	≤30.00	PASS
11N40SISO	Ant1	2452	NA	13.48	100.00	0.00	13.48	≤30.00	PASS
11AX20SISO	Ant1	2412	NA	14.10	100.00	0.00	14.10	≤30.00	PASS
11AX20SISO	Ant1	2437	NA	14.19	100.00	0.00	14.19	≤30.00	PASS
11AX20SISO	Ant1	2462	NA	13.88	100.00	0.00	13.88	≤30.00	PASS
11AX40SISO	Ant1	2422	NA	14.05	100.00	0.00	14.05	≤30.00	PASS
11AX40SISO	Ant1	2437	NA	14.26	100.00	0.00	14.26	≤30.00	PASS
11AX40SISO	Ant1	2452	NA	13.05	100.00	0.00	13.05	≤30.00	PASS

Note:

1. The Duty Cycle Factor($10 \cdot \log(1/D)$) and cable loss are compensated in the graph.



Test Graphs Average



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