

Appendix Test Data (SISO)

Report No:	1812C40016112501	Test Sample NO:	1-2-2
Start Test Date:	2024.9.2	Finish Test Date:	2024.9.2
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	24.3℃	Relative Humidity:	56%
Pressure:	101 kPa		

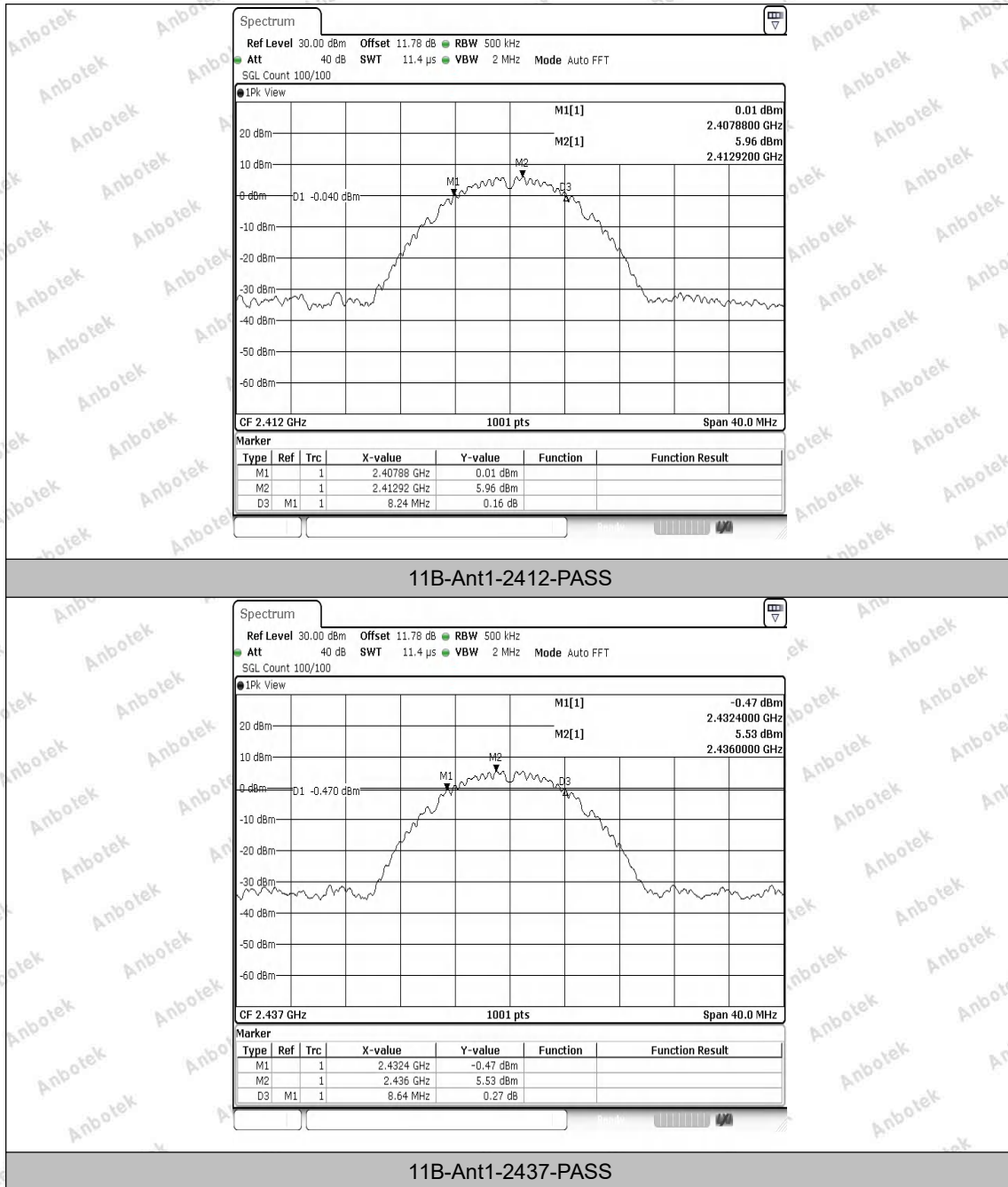
Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.24	2407.88	2416.12	0.5	PASS
11B	Ant1	2437	8.64	2432.40	2441.04	0.5	PASS
11B	Ant1	2462	8.24	2457.84	2466.08	0.5	PASS
11G	Ant1	2412	15.72	2404.28	2420.00	0.5	PASS
11G	Ant1	2437	16.04	2428.80	2444.84	0.5	PASS
11G	Ant1	2462	15.72	2454.32	2470.04	0.5	PASS
11N20SISO	Ant1	2412	16.92	2403.60	2420.52	0.5	PASS
11N20SISO	Ant1	2437	17.00	2428.36	2445.36	0.5	PASS
11N20SISO	Ant1	2462	17.32	2453.44	2470.76	0.5	PASS
11N40SISO	Ant1	2422	34.72	2405.04	2439.76	0.5	PASS
11N40SISO	Ant1	2437	35.68	2419.00	2454.68	0.5	PASS
11N40SISO	Ant1	2452	35.92	2433.76	2469.68	0.5	PASS



Test Graphs



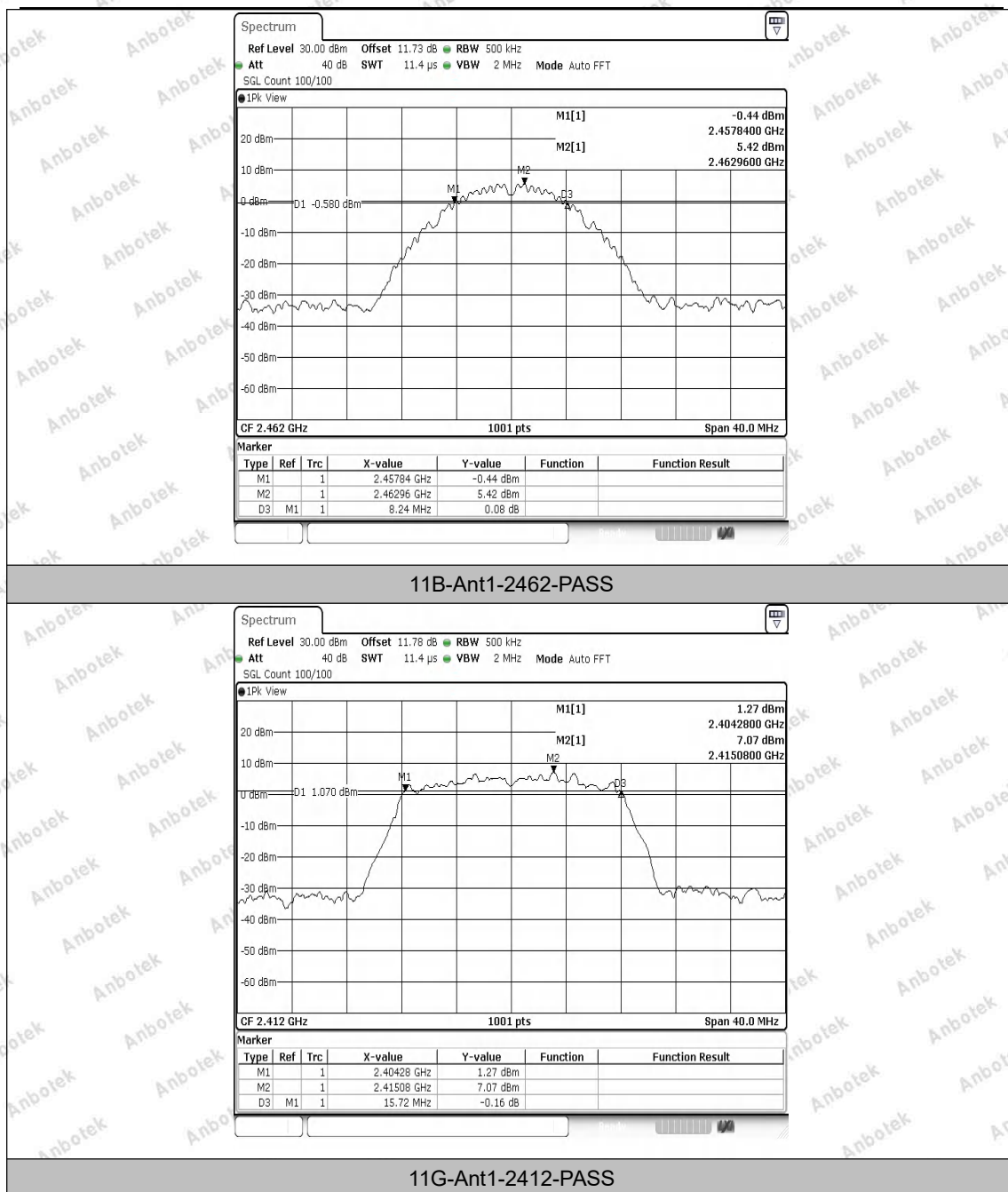
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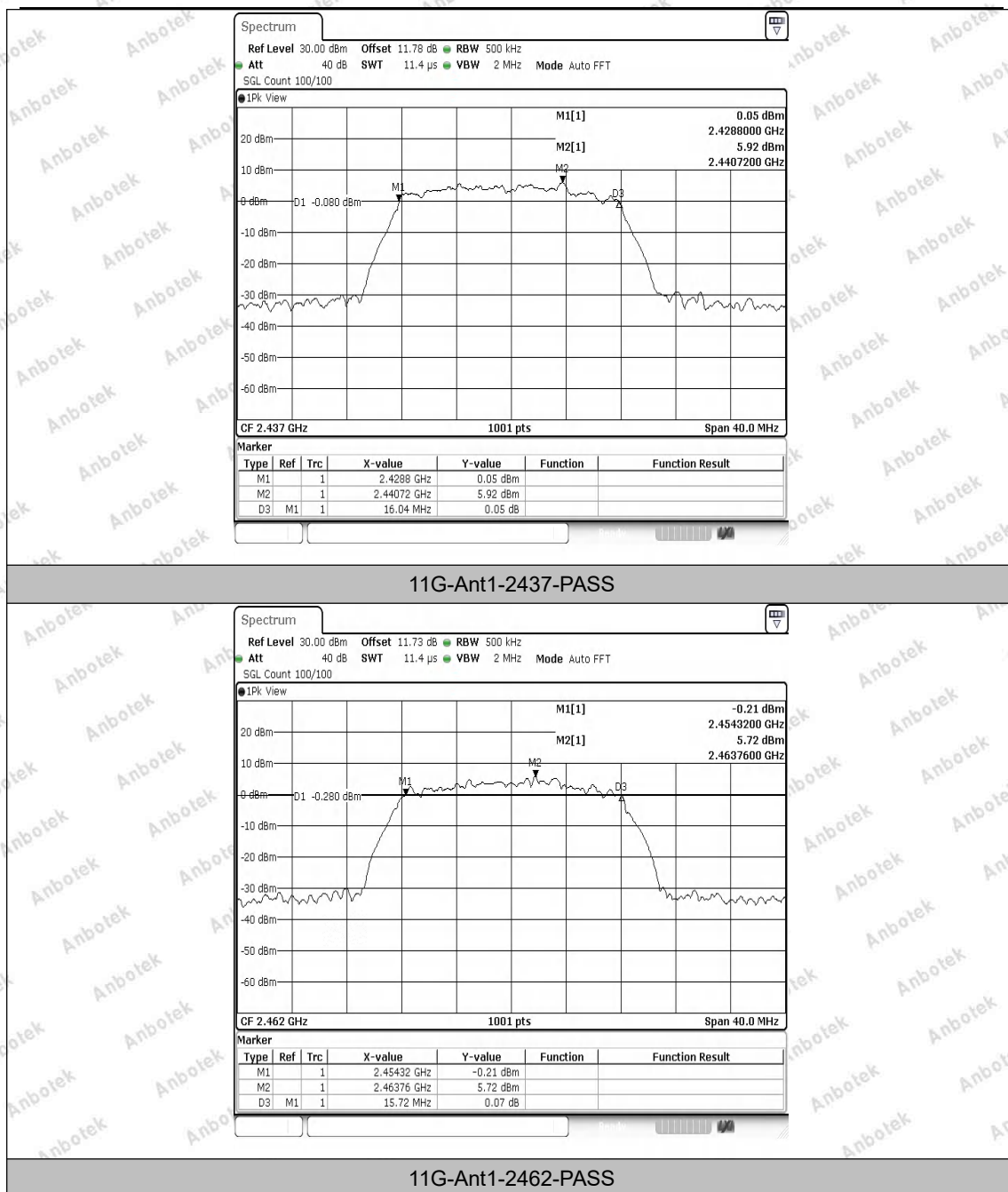
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hahgcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China,
Tel: (86) 0755-26066440 Email: service@anbotech.com

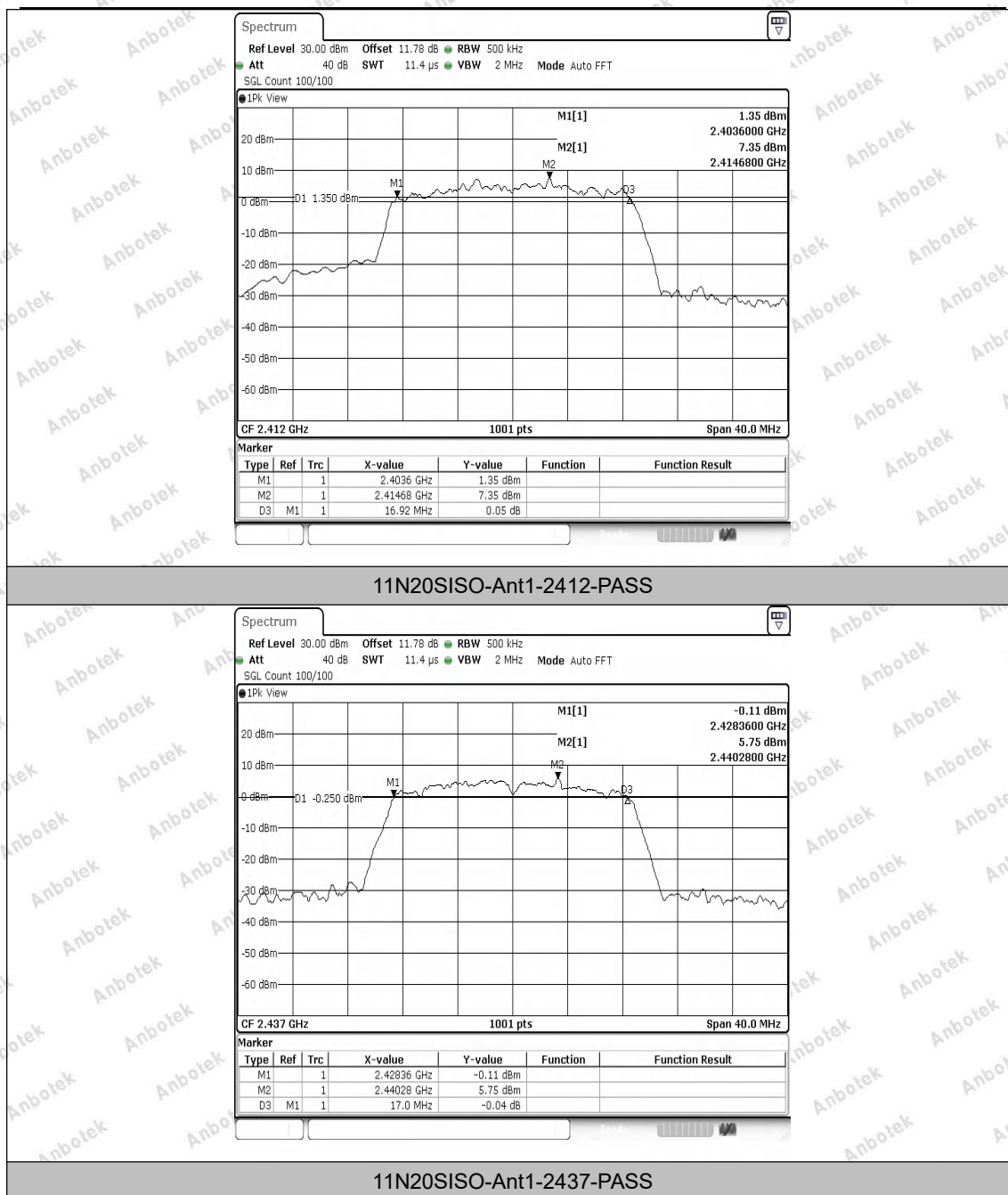


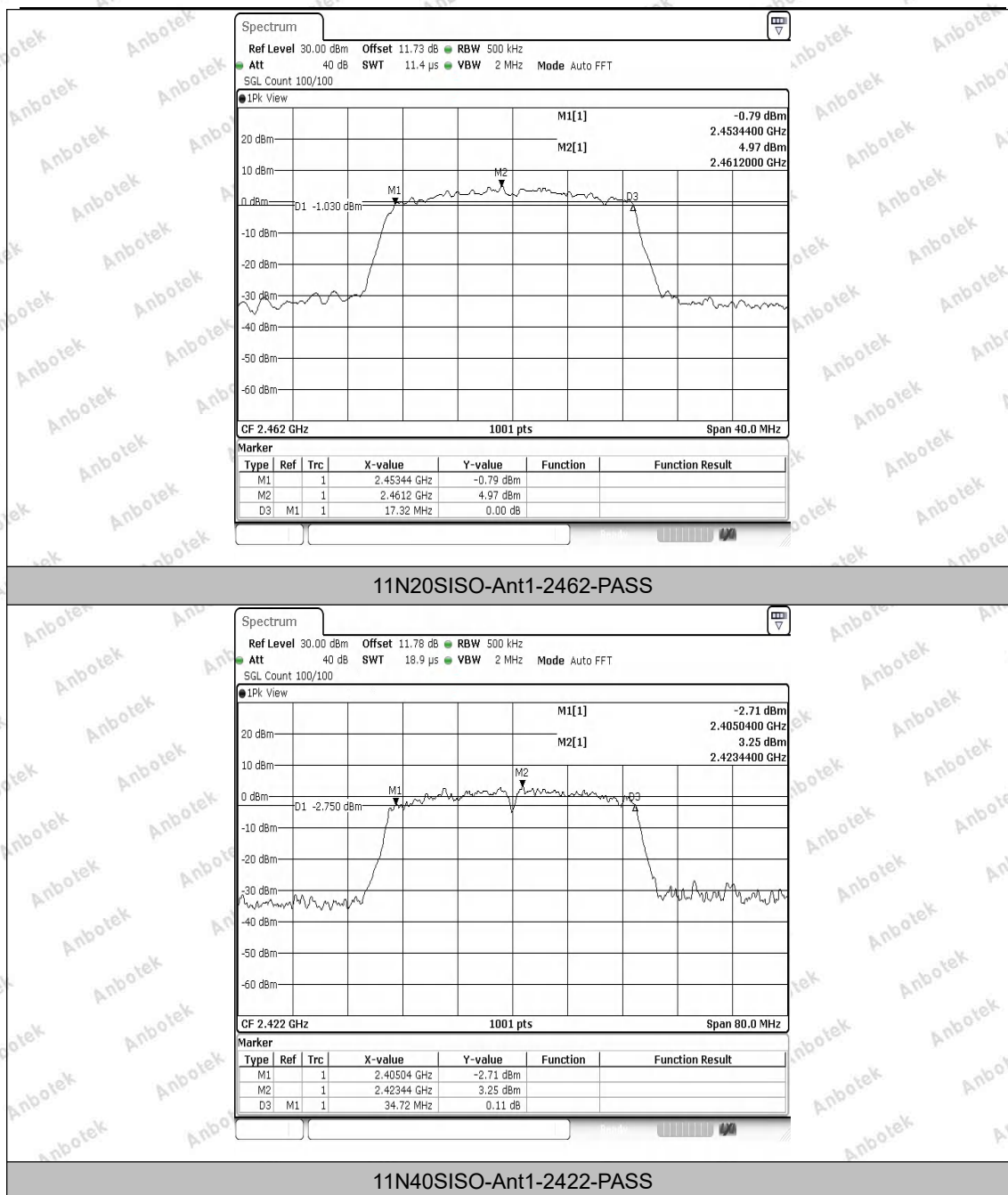
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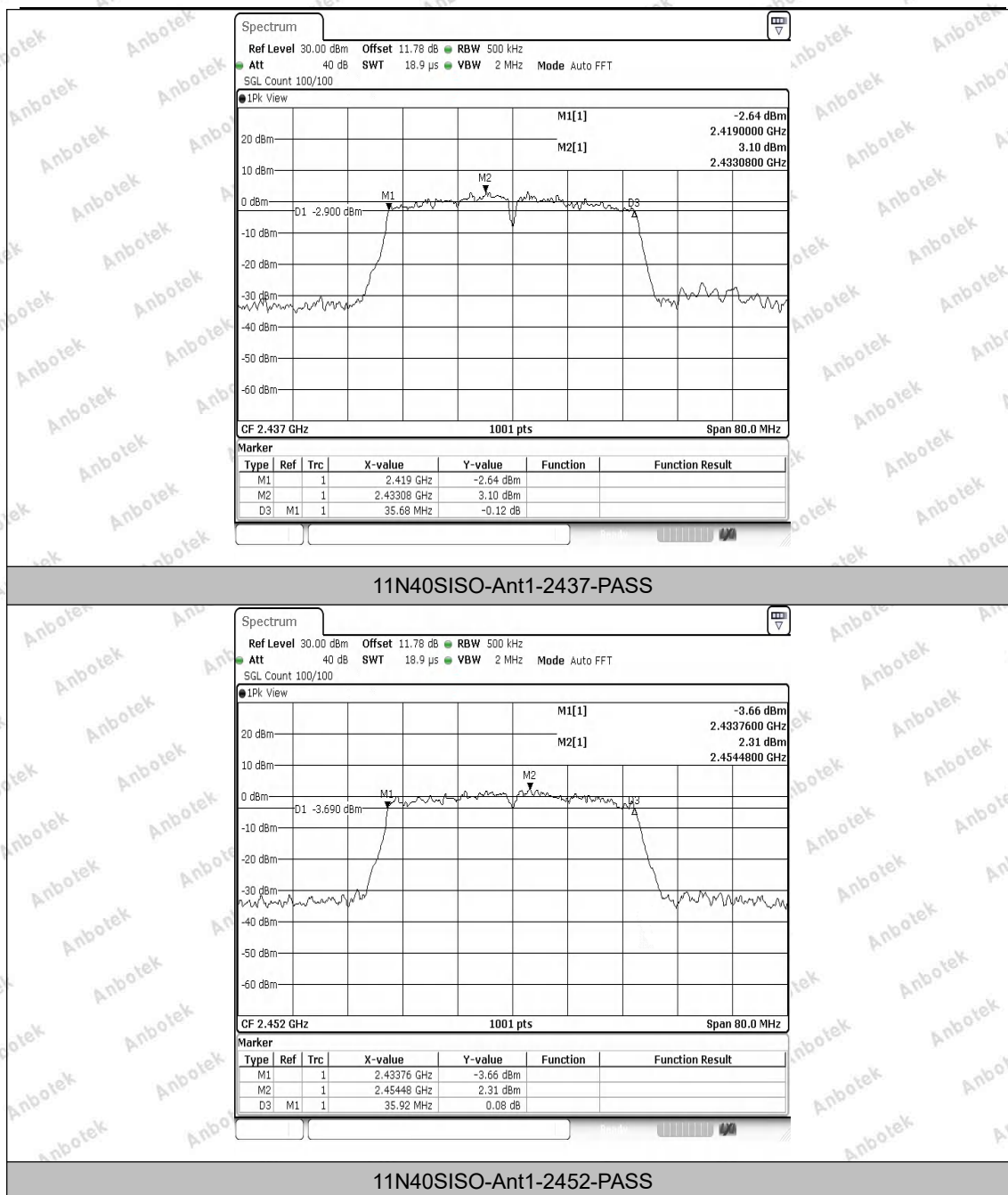












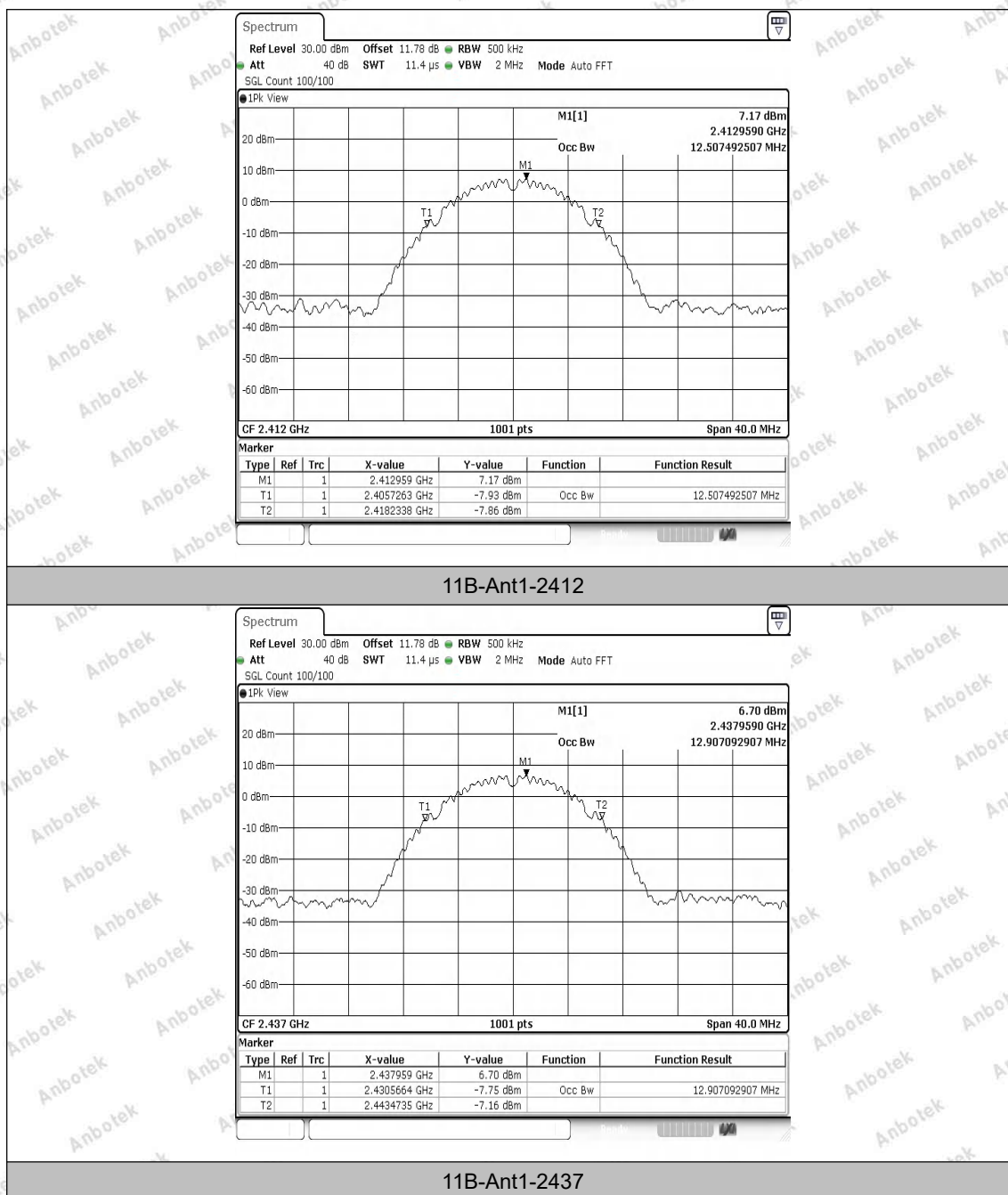
Appendix B: Occupied Channel Bandwidth

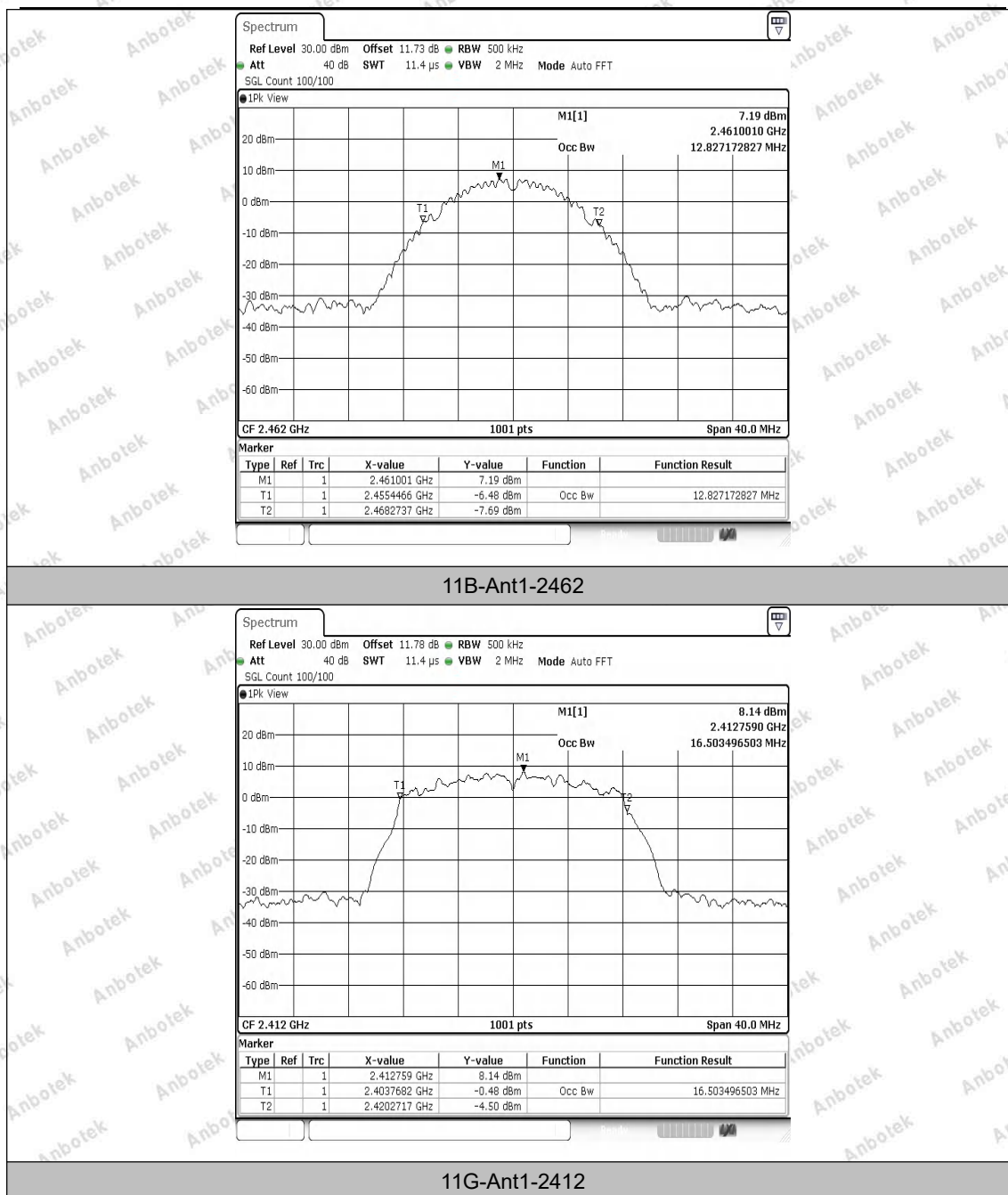
Test Result

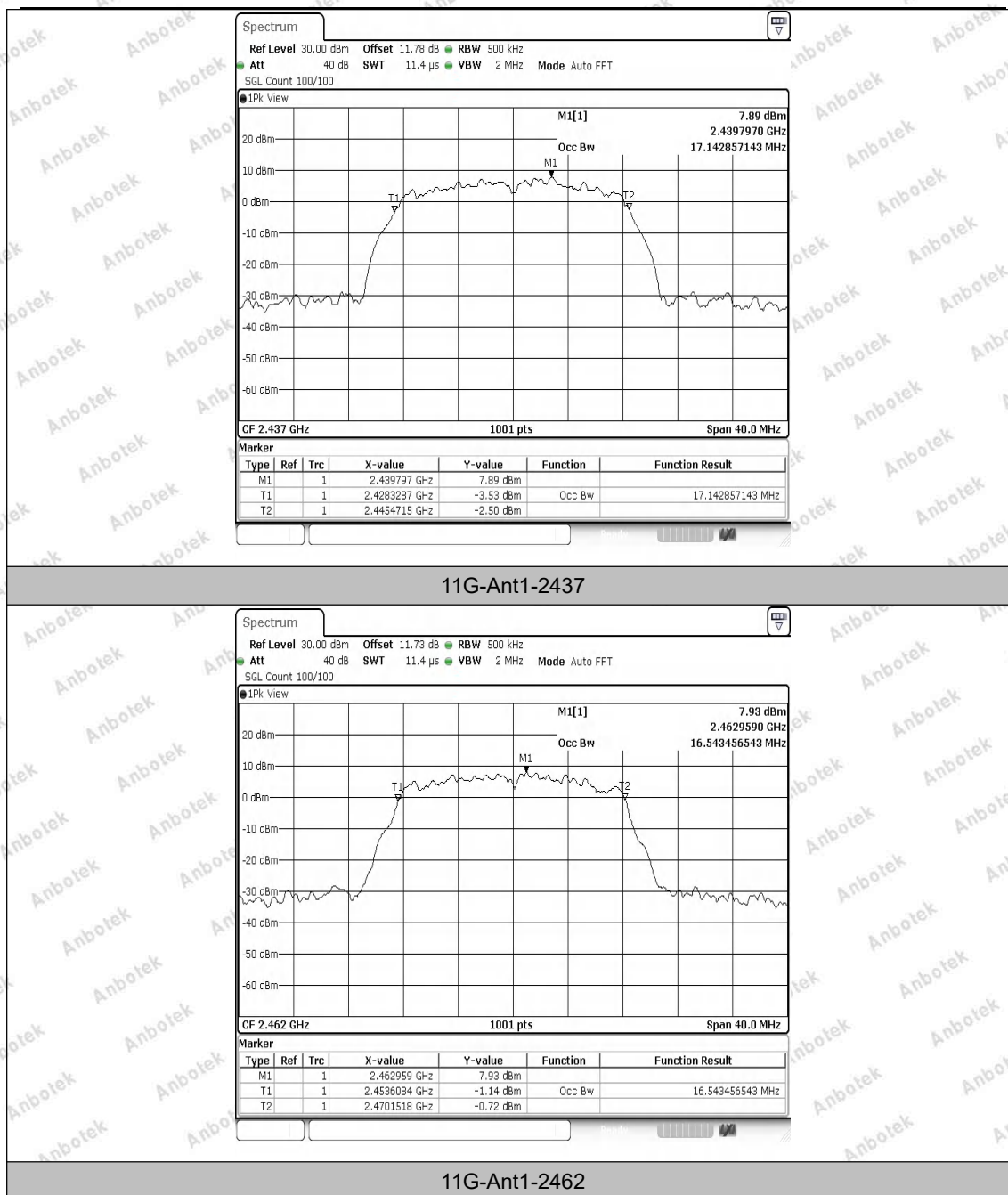
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.507	2405.7263	2418.2338	---	---
11B	Ant1	2437	12.907	2430.5664	2443.4735	---	---
11B	Ant1	2462	12.827	2455.4466	2468.2737	---	---
11G	Ant1	2412	16.503	2403.7682	2420.2717	---	---
11G	Ant1	2437	17.143	2428.3287	2445.4715	---	---
11G	Ant1	2462	16.543	2453.6084	2470.1518	---	---
11N20SISO	Ant1	2412	17.502	2403.2088	2420.7113	---	---
11N20SISO	Ant1	2437	18.142	2427.9291	2446.0709	---	---
11N20SISO	Ant1	2462	17.742	2453.0490	2470.7912	---	---
11N40SISO	Ant1	2422	36.044	2404.0180	2440.0619	---	---
11N40SISO	Ant1	2437	36.444	2418.8581	2455.3017	---	---
11N40SISO	Ant1	2452	36.124	2433.7782	2469.9021	---	---

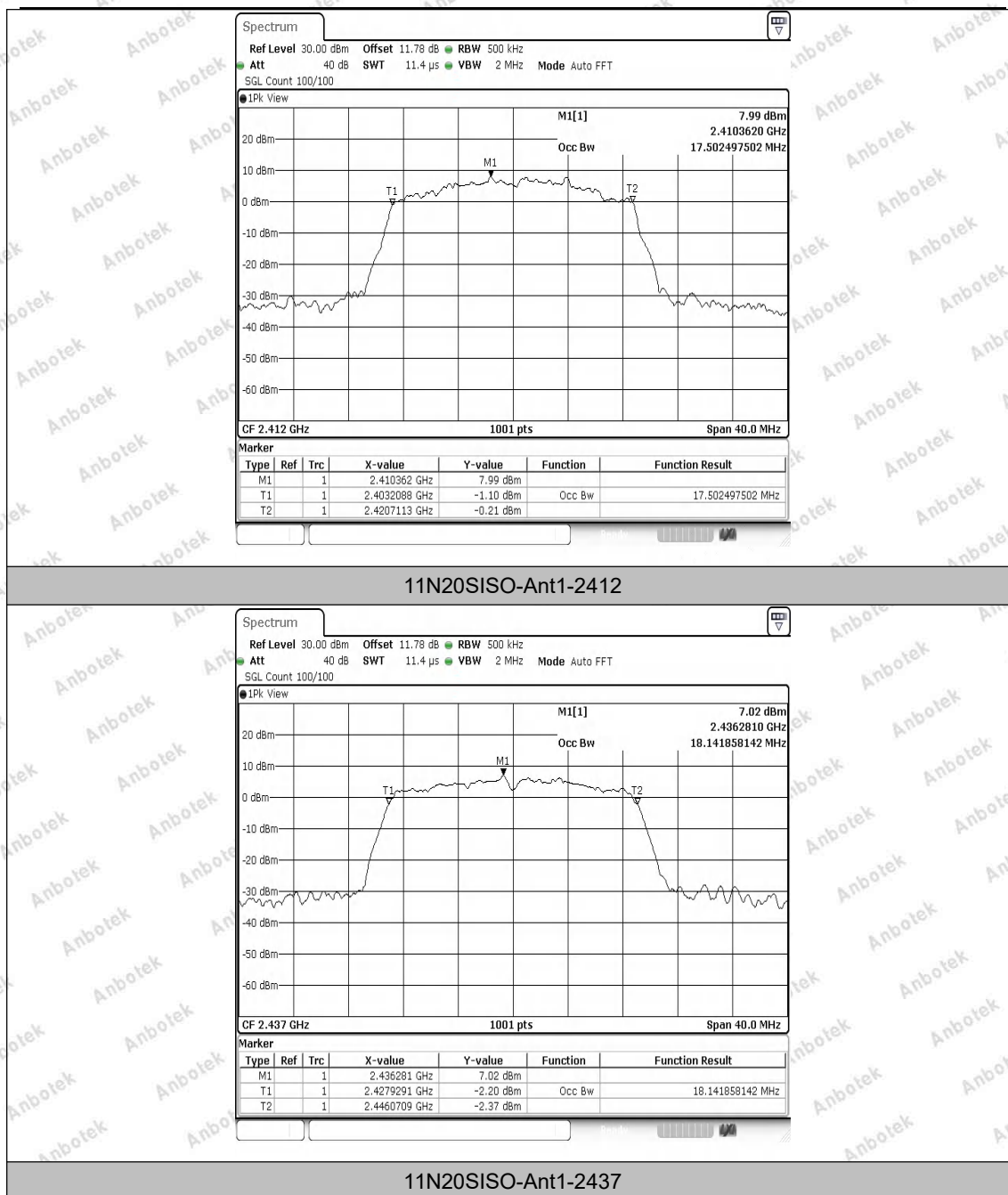


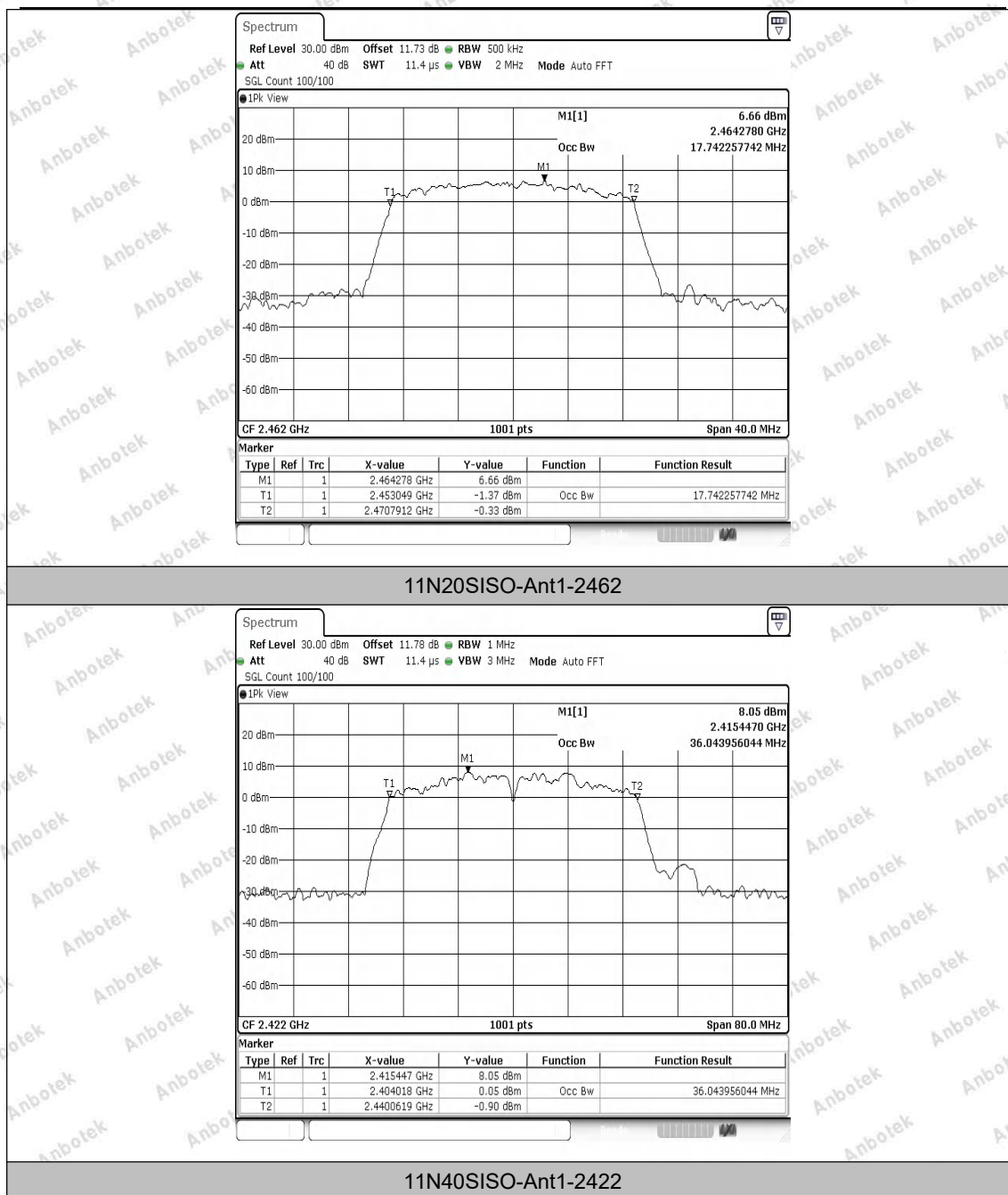
Test Graphs

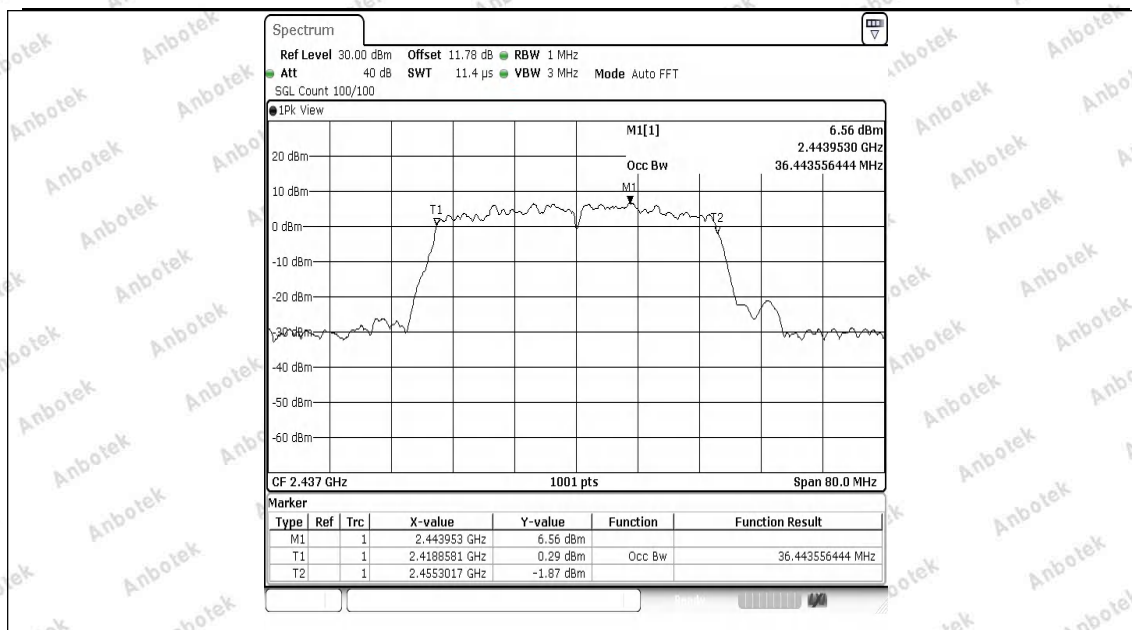




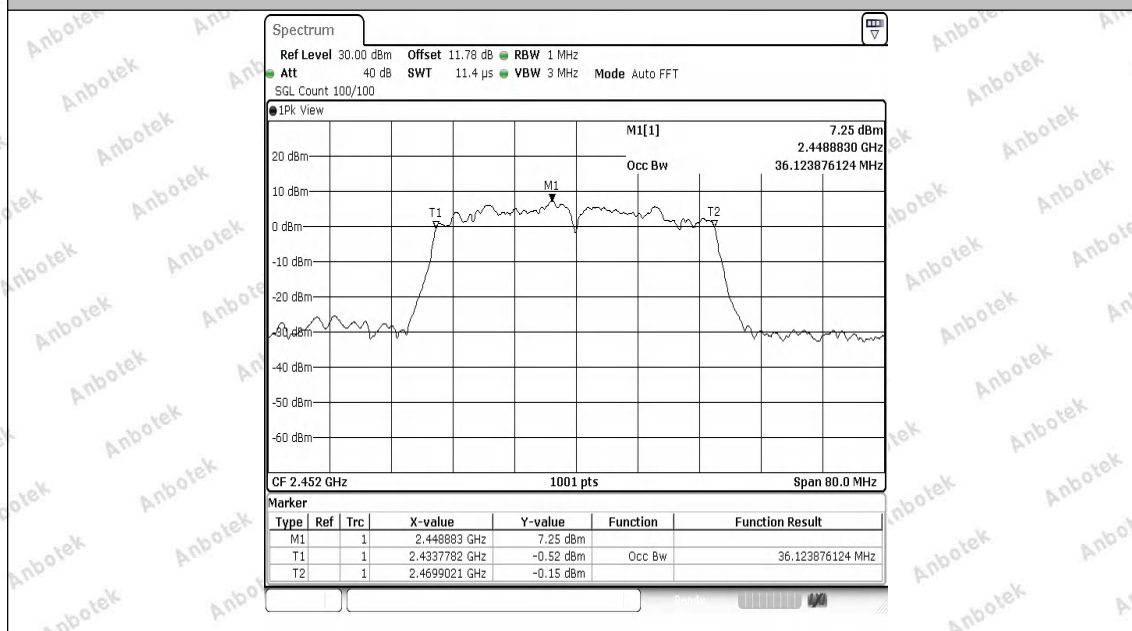








11N40SISO-Ant1-2437



11N40SISO-Ant1-2452



Appendix C: Maximum conducted output power

Test Result Average

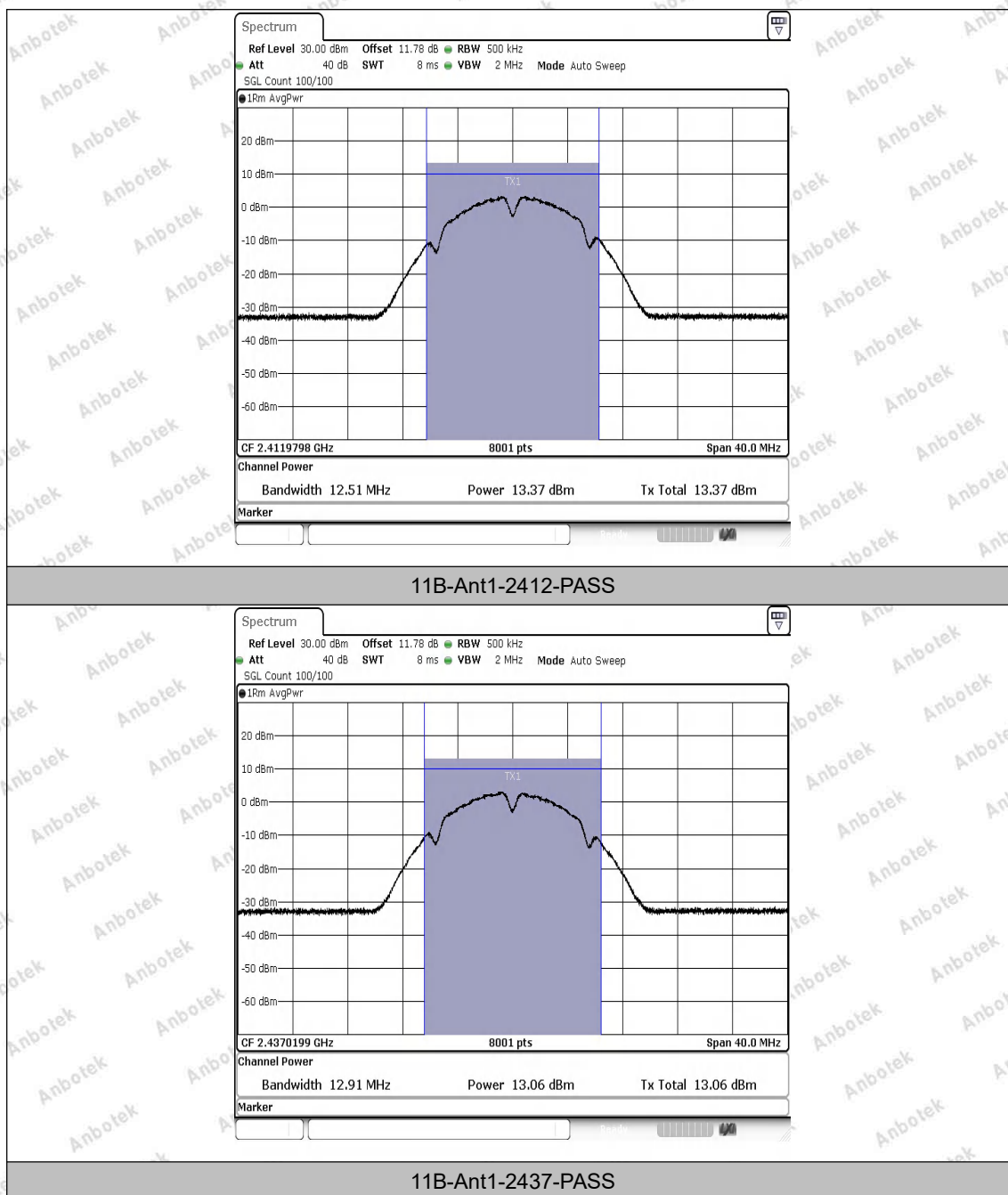
Test Mode	Antenna	Frequency[MHz]	Set Power	Average power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	NA	13.37	94.59	0.24	13.61	≤30.00	PASS
11B	Ant1	2437	NA	13.06	94.16	0.26	13.32	≤30.00	PASS
11B	Ant1	2462	NA	12.89	94.16	0.26	13.15	≤30.00	PASS
11G	Ant1	2412	NA	12.11	72.40	1.40	13.51	≤30.00	PASS
11G	Ant1	2437	NA	11.77	72.02	1.43	13.20	≤30.00	PASS
11G	Ant1	2462	NA	10.87	78.21	1.07	11.94	≤30.00	PASS
11N20SISO	Ant1	2412	NA	12.66	71.82	1.44	14.10	≤30.00	PASS
11N20SISO	Ant1	2437	NA	11.94	70.65	1.51	13.45	≤30.00	PASS
11N20SISO	Ant1	2462	NA	11.08	70.81	1.50	12.58	≤30.00	PASS
11N40SISO	Ant1	2422	NA	11.09	53.33	2.73	13.82	≤30.00	PASS
11N40SISO	Ant1	2437	NA	10.96	54.62	2.63	13.59	≤30.00	PASS
11N40SISO	Ant1	2452	NA	10.40	54.24	2.66	13.06	≤30.00	PASS

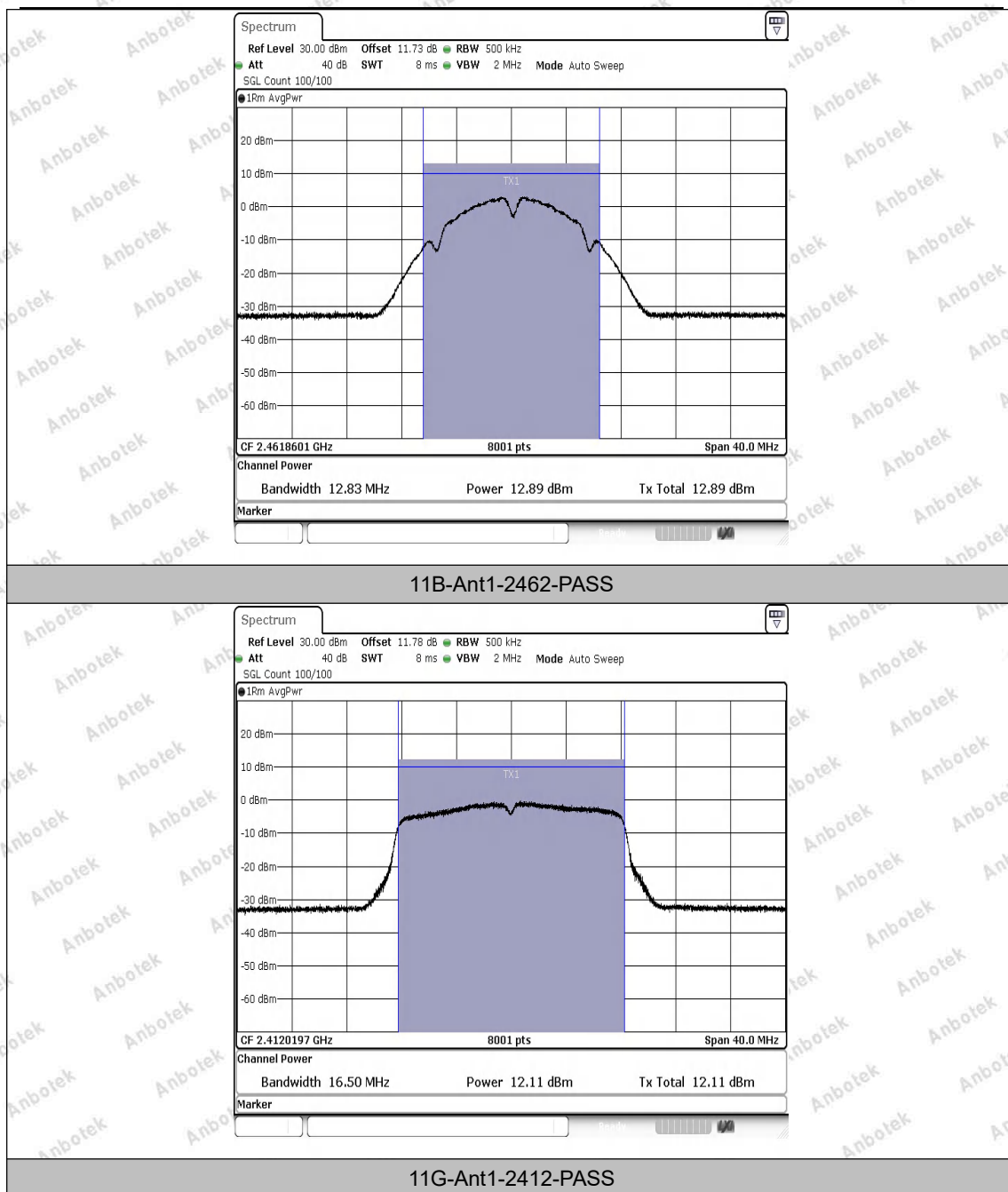
Note:

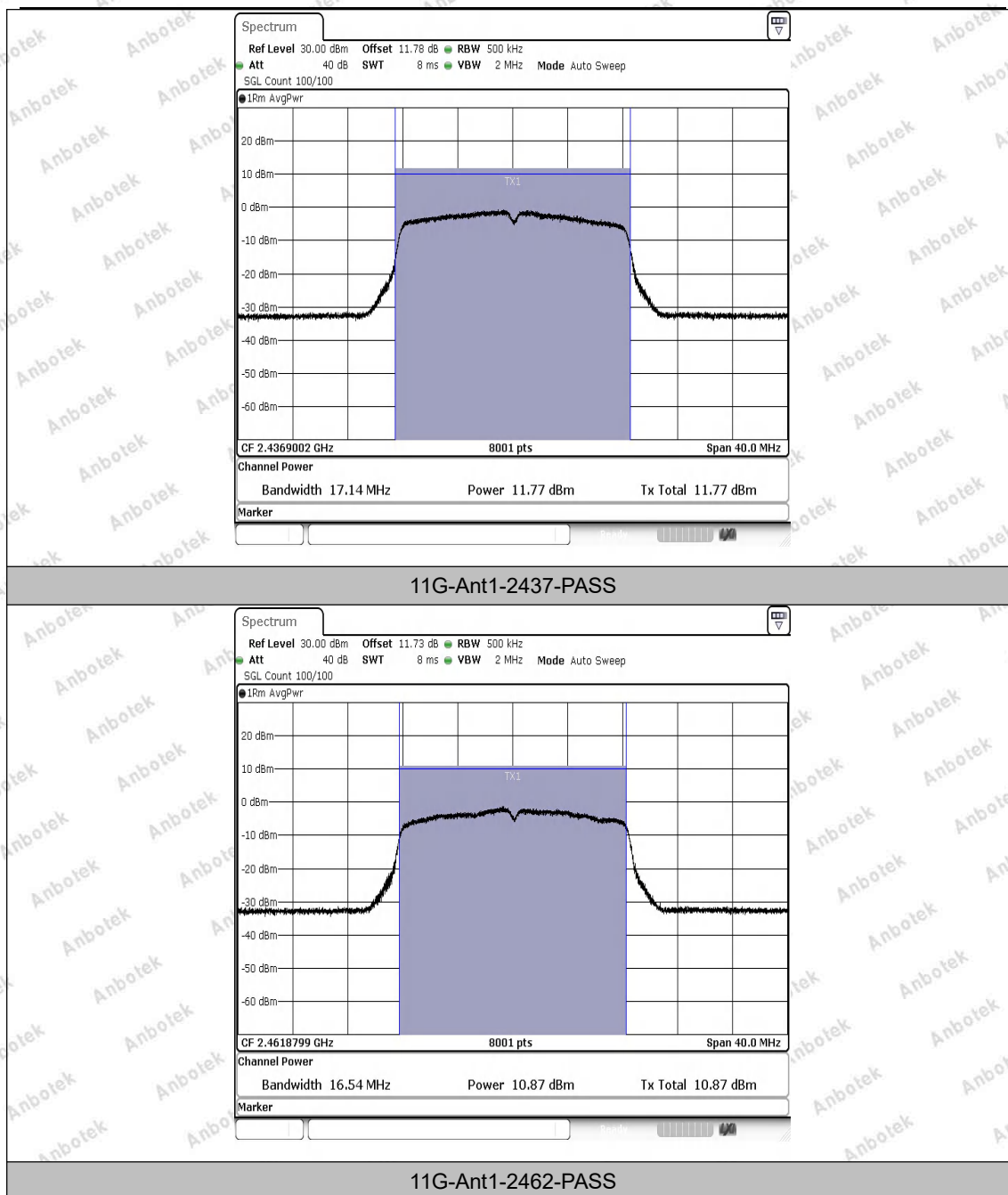
1. The cable loss are compensated in the graph.

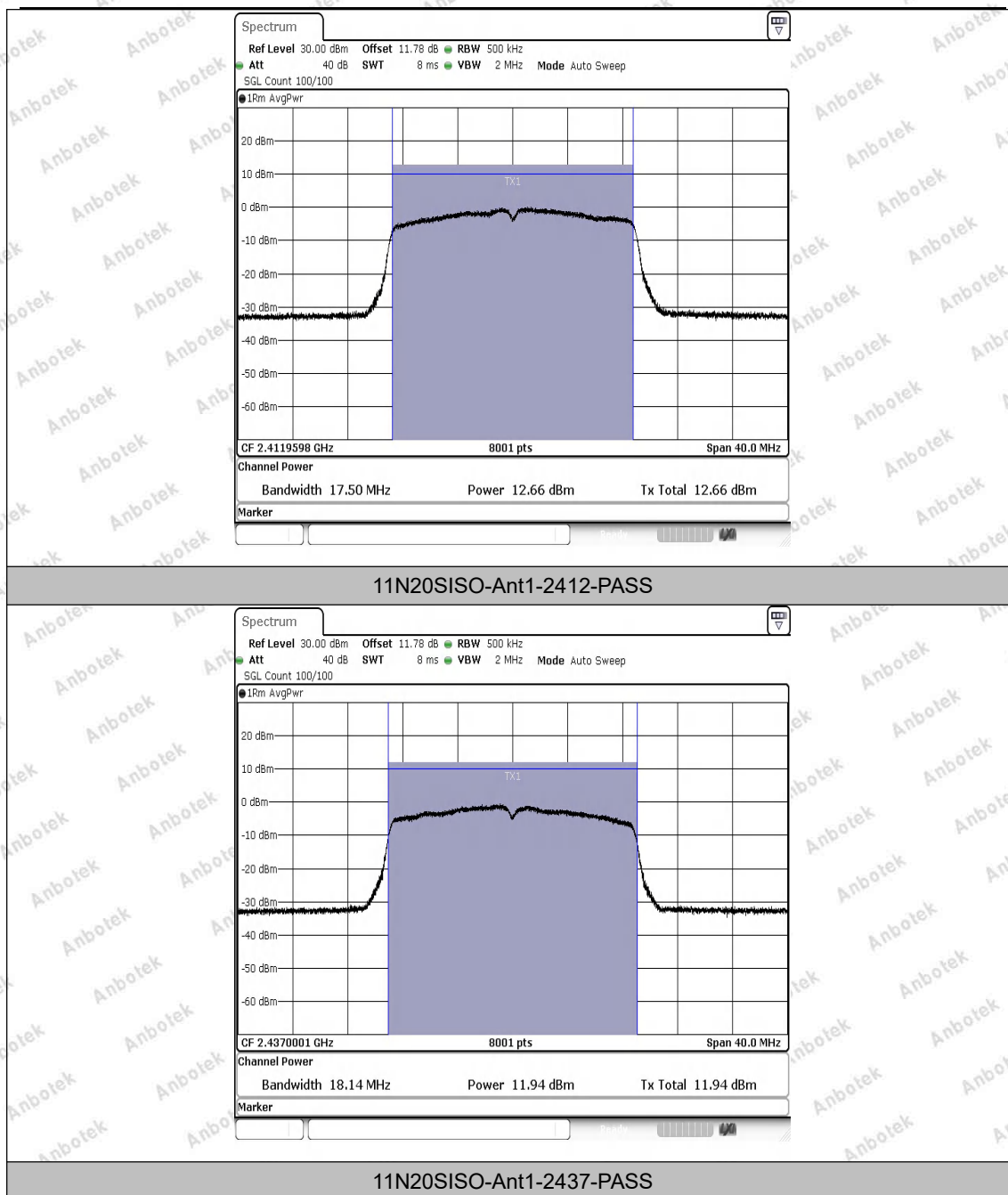


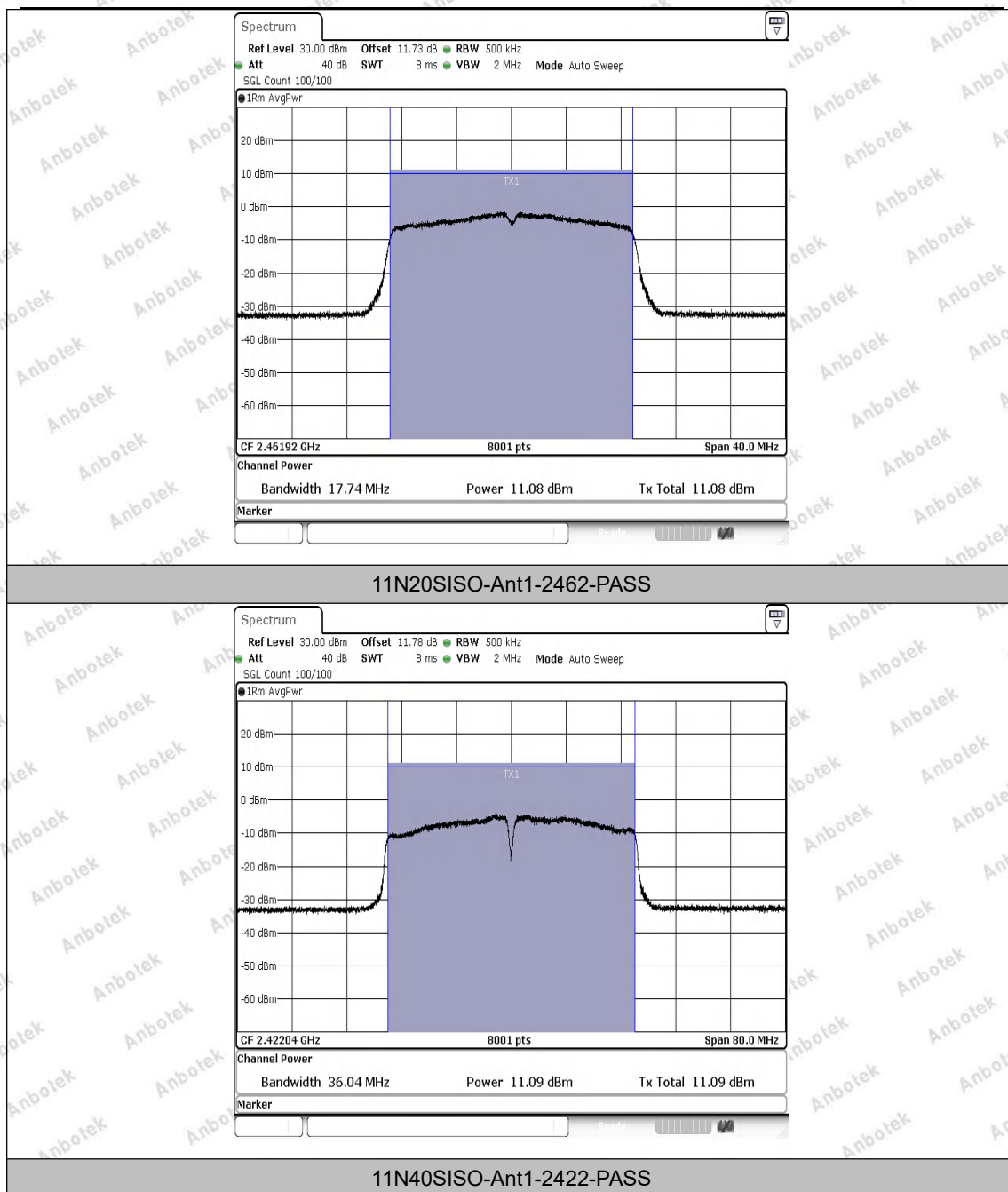
Test Graphs Average

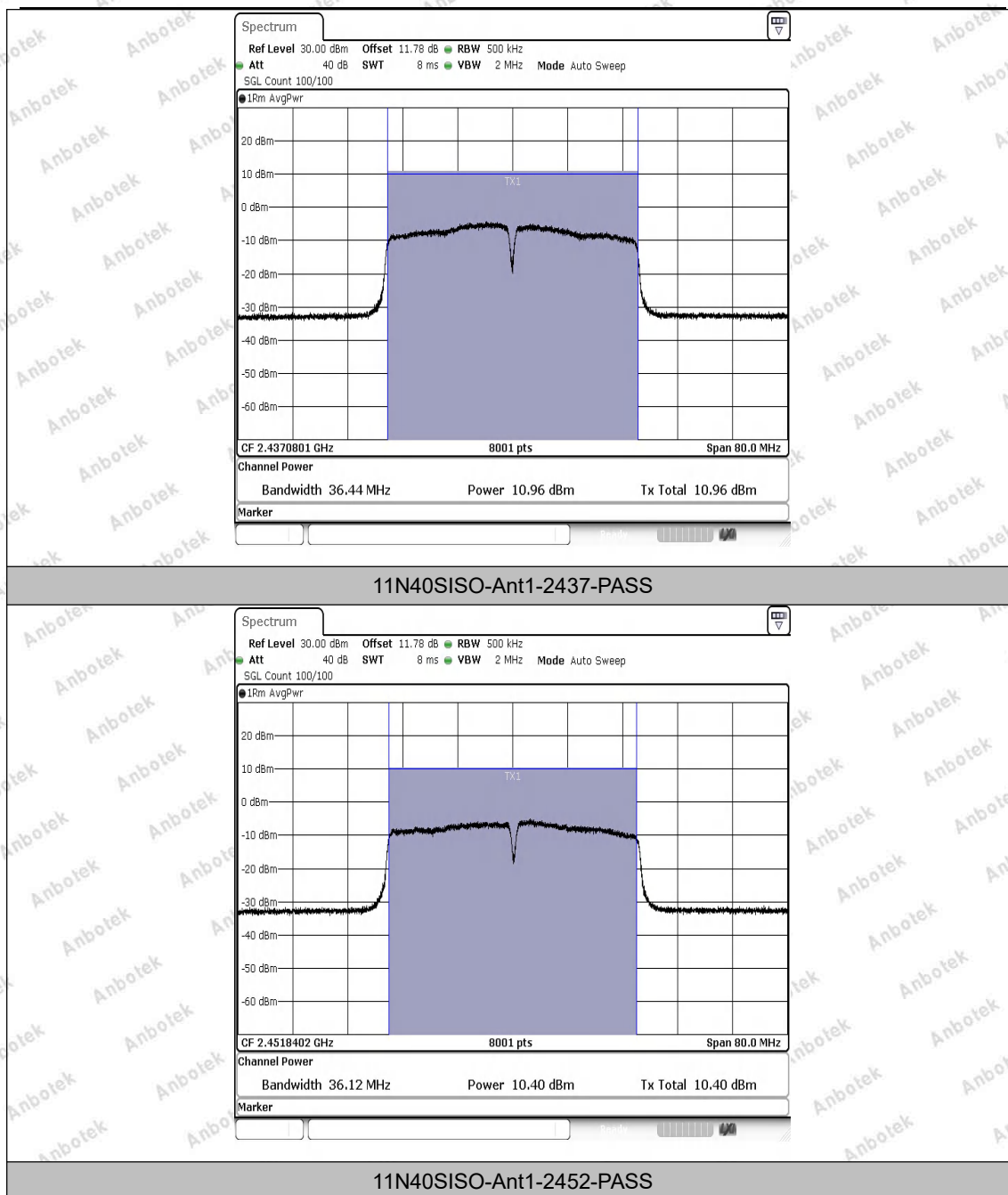












Appendix D: Maximum power spectral density

Test Result

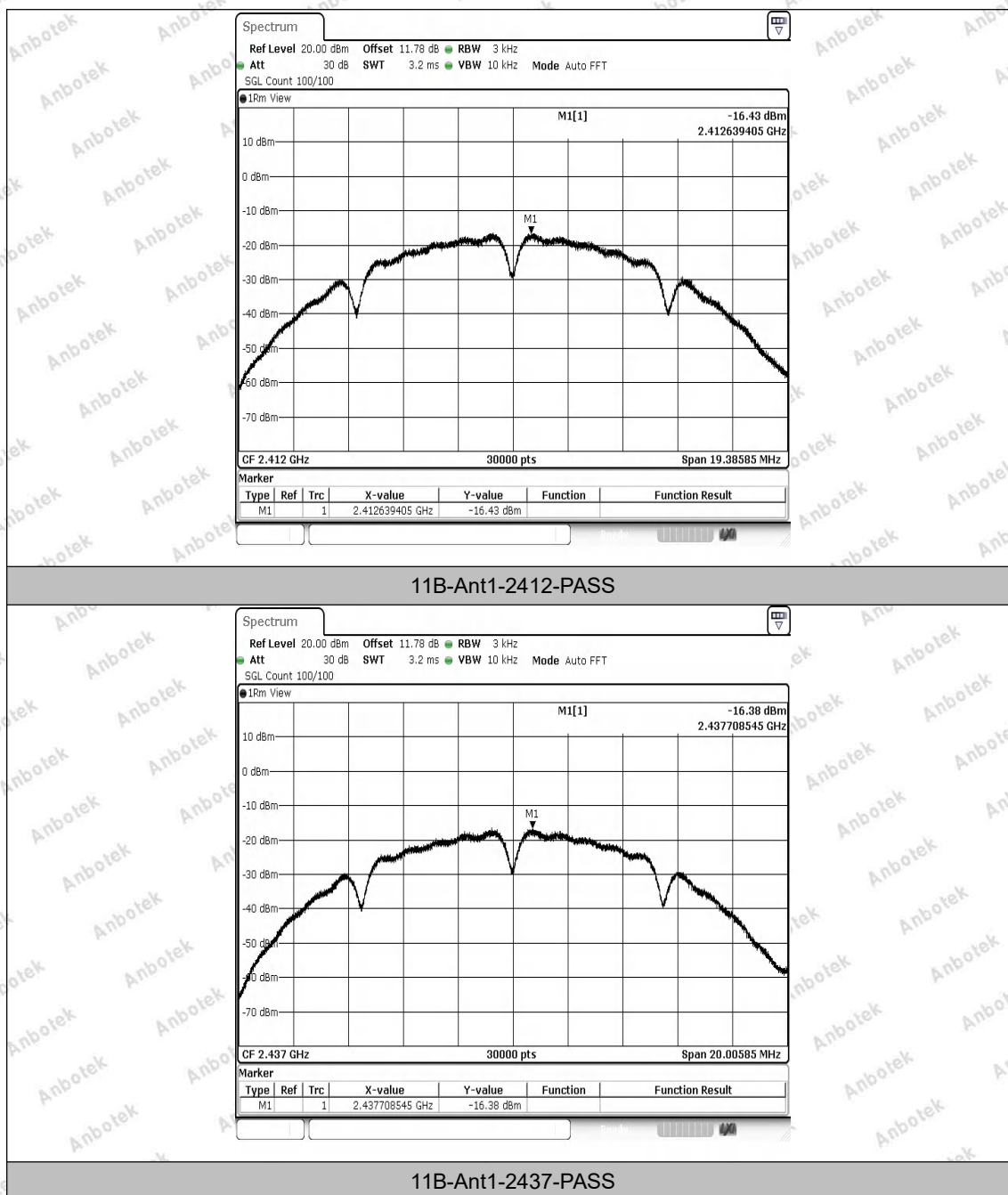
TestMode	Antenna	Frequency [MHz]	Reading Result[dBm/3k Hz]	DC Factor [dB]	Result[dBm/3kHz]	Limit[dBm/3k Hz]	Verdict
11B	Ant1	2412	-16.43	0.24	-16.19	≤8.00	PASS
11B	Ant1	2437	-16.38	0.26	-16.12	≤8.00	PASS
11B	Ant1	2462	-15.87	0.27	-15.60	≤8.00	PASS
11G	Ant1	2412	-19.20	1.40	-17.80	≤8.00	PASS
11G	Ant1	2437	-19.34	1.43	-17.91	≤8.00	PASS
11G	Ant1	2462	-19.43	1.07	-18.36	≤8.00	PASS
11N20SISO	Ant1	2412	-18.99	1.48	-17.51	≤8.00	PASS
11N20SISO	Ant1	2437	-19.95	1.51	-18.44	≤8.00	PASS
11N20SISO	Ant1	2462	-19.57	1.50	-18.07	≤8.00	PASS
11N40SISO	Ant1	2422	-22.51	2.73	-19.78	≤8.00	PASS
11N40SISO	Ant1	2437	-22.27	2.63	-19.64	≤8.00	PASS
11N40SISO	Ant1	2452	-22.78	2.66	-20.12	≤8.00	PASS

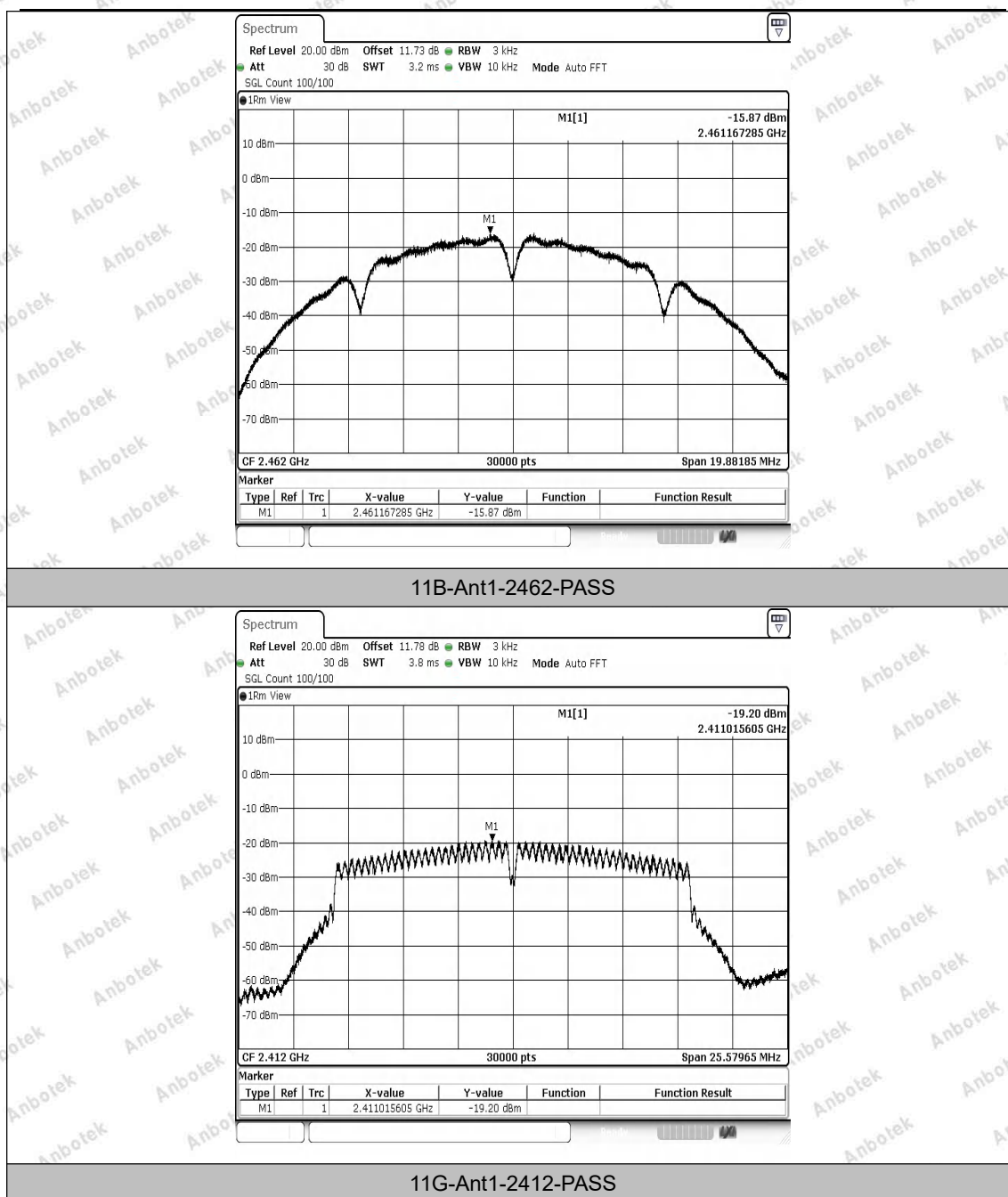
Note:

1. The cable loss are compensated in the graph.



Test Graphs





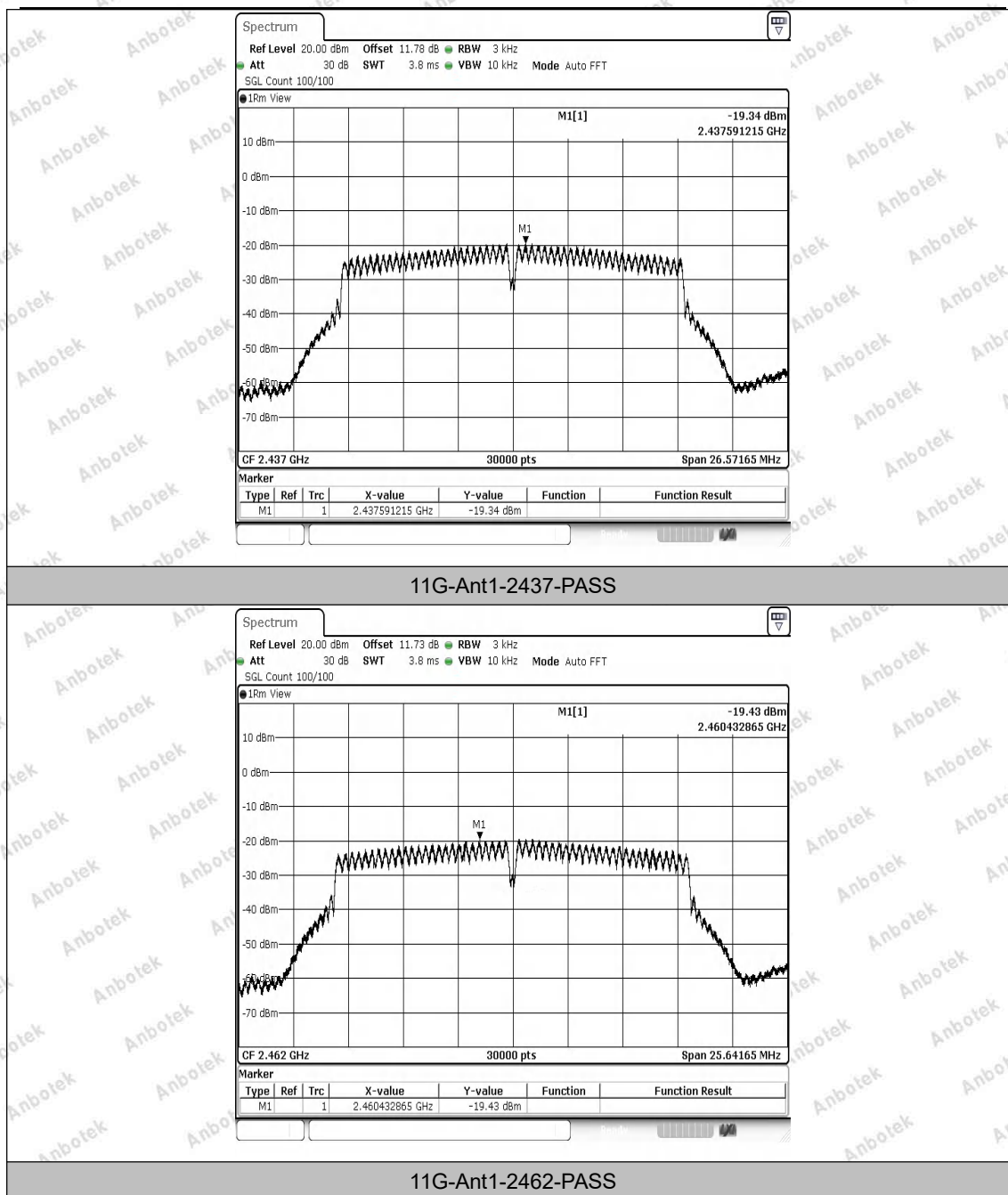
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Sanwei Community, Hahgcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China,
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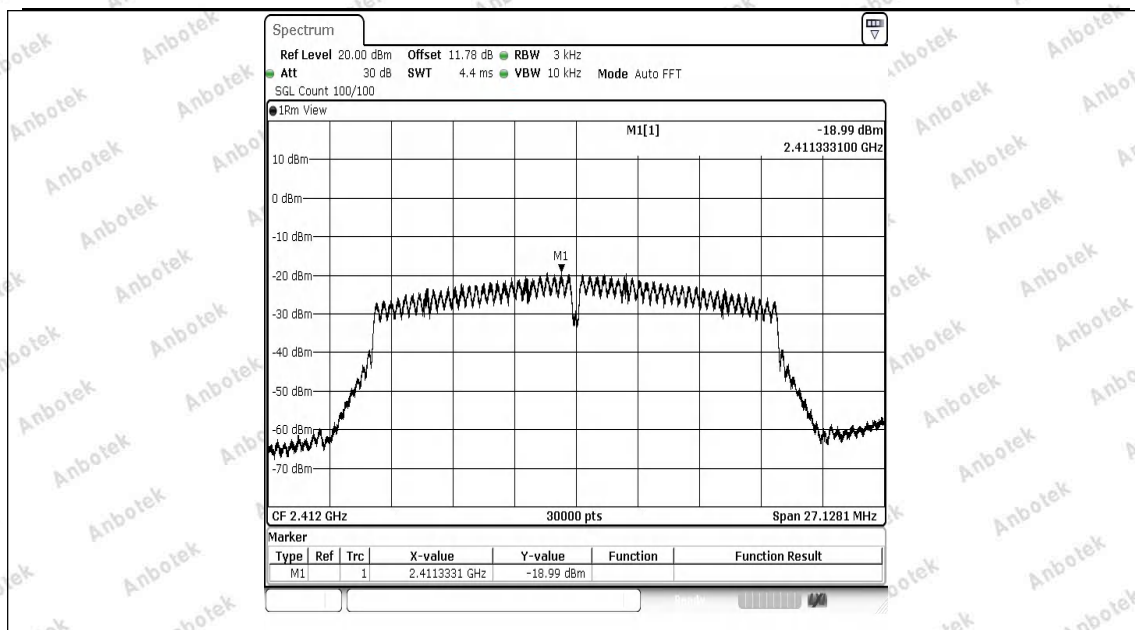
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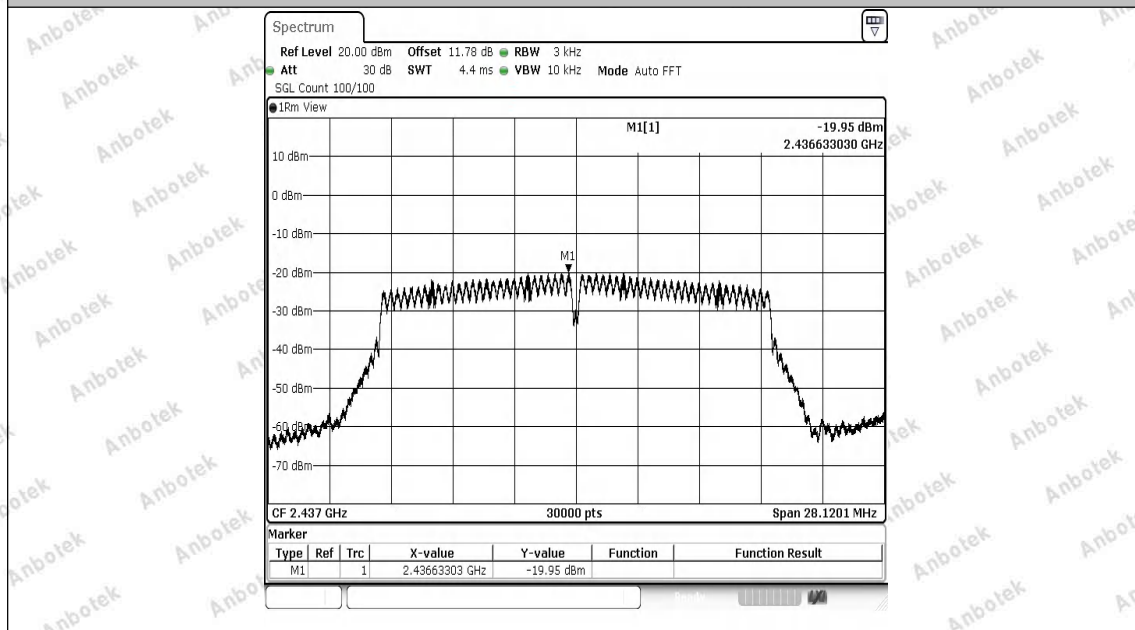


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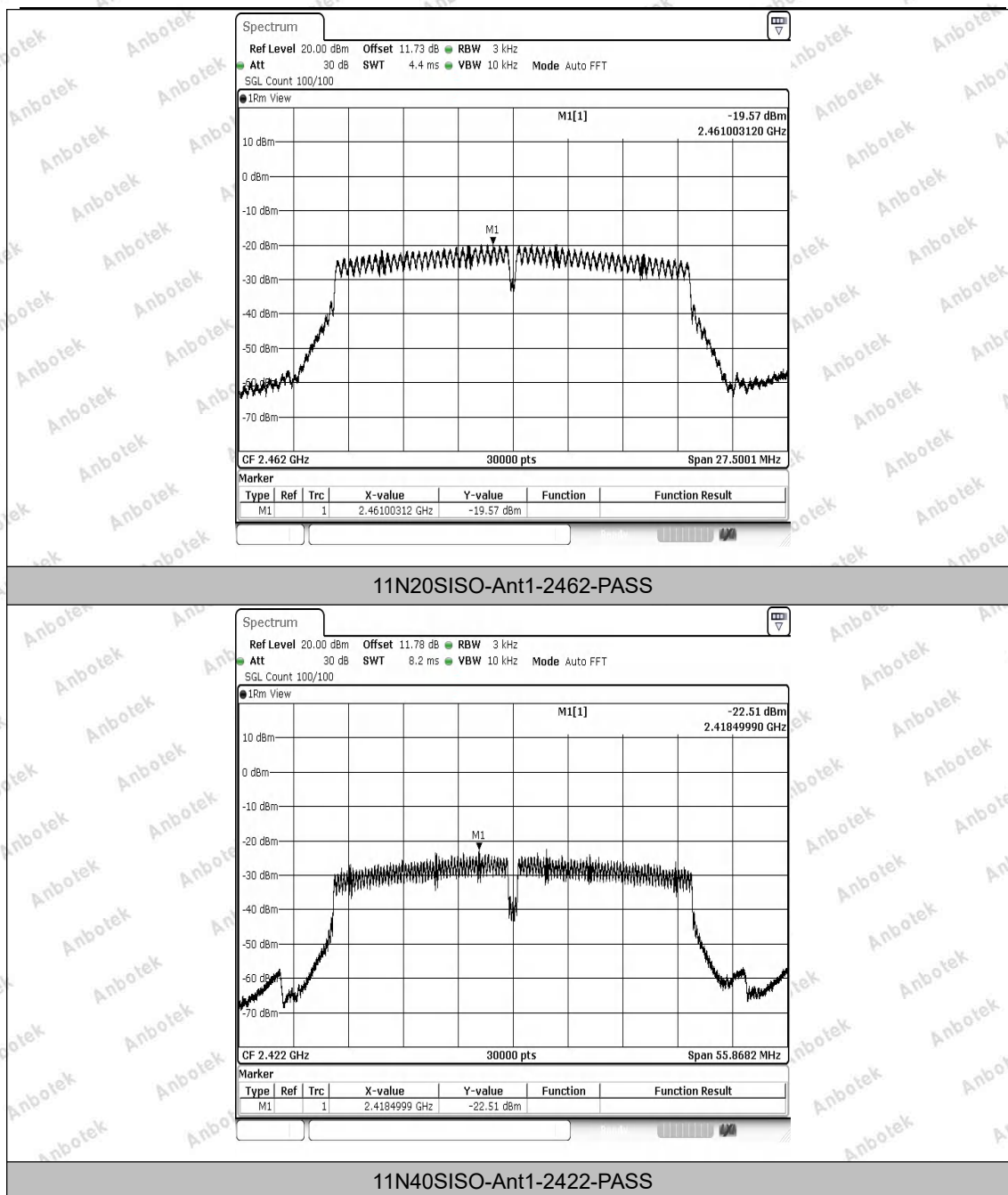


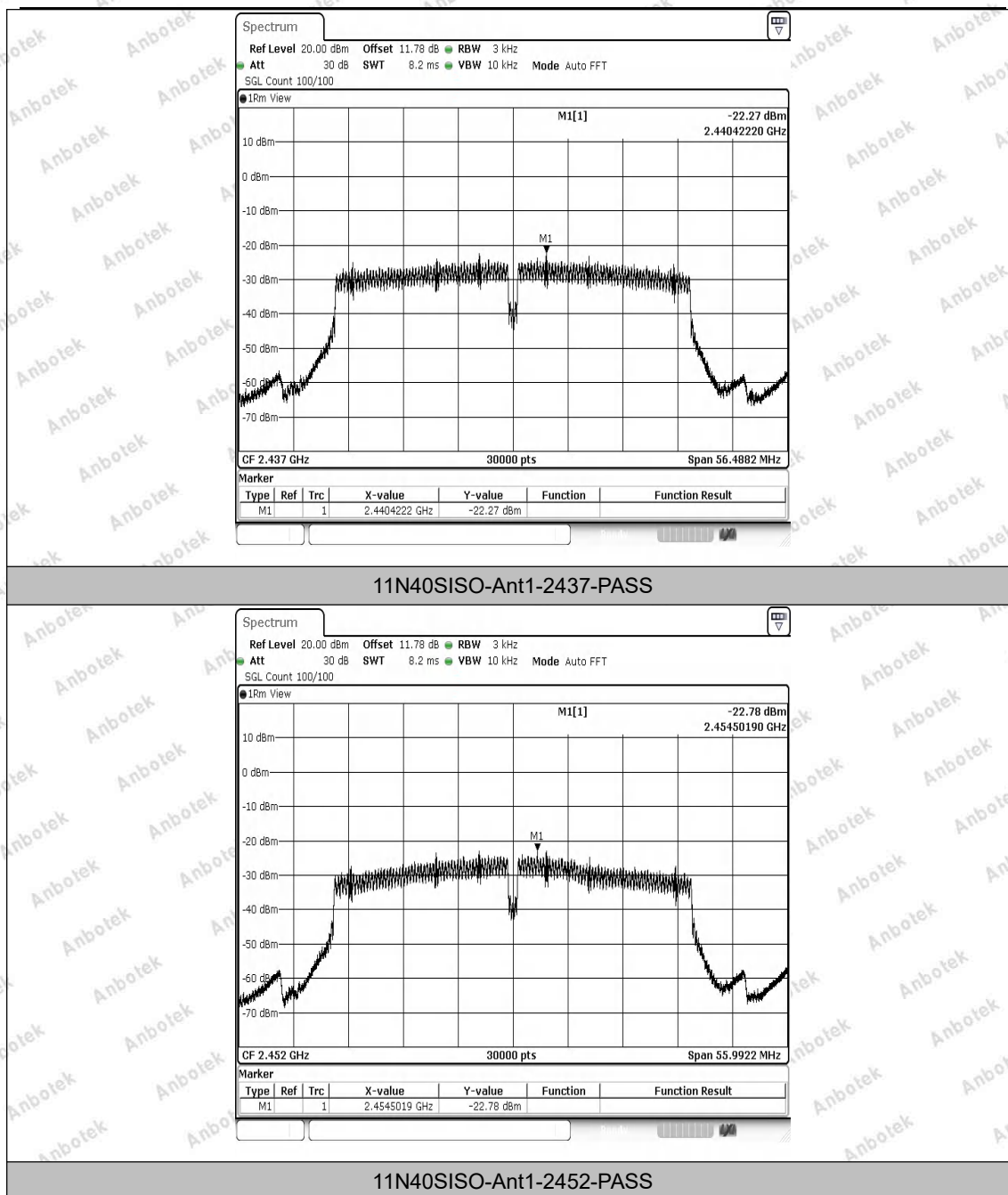
11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2437-PASS







Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.52	-45.38	≤-23.48	PASS
11B	Ant1	High	2462	6.26	-45.92	≤-23.74	PASS
11G	Ant1	Low	2412	3.48	-37.8	≤-26.52	PASS
11G	Ant1	High	2462	1.37	-42.17	≤-28.63	PASS
11N20SISO	Ant1	Low	2412	1.92	-37.2	≤-28.08	PASS
11N20SISO	Ant1	High	2462	0.63	-44.1	≤-29.37	PASS
11N40SISO	Ant1	Low	2422	-0.15	-36.62	≤-30.15	PASS
11N40SISO	Ant1	High	2452	-2.93	-42.39	≤-32.93	PASS



Test Graphs

