

Appendix Test Data

Report No:	1811C40041212502	Test Sample NO:	1-2-2
Start Test Date:	2024.10.22	Finish Test Date:	2024.10.22
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	24.3℃	Relative Humidity:	56%
Pressure:	101 kPa		

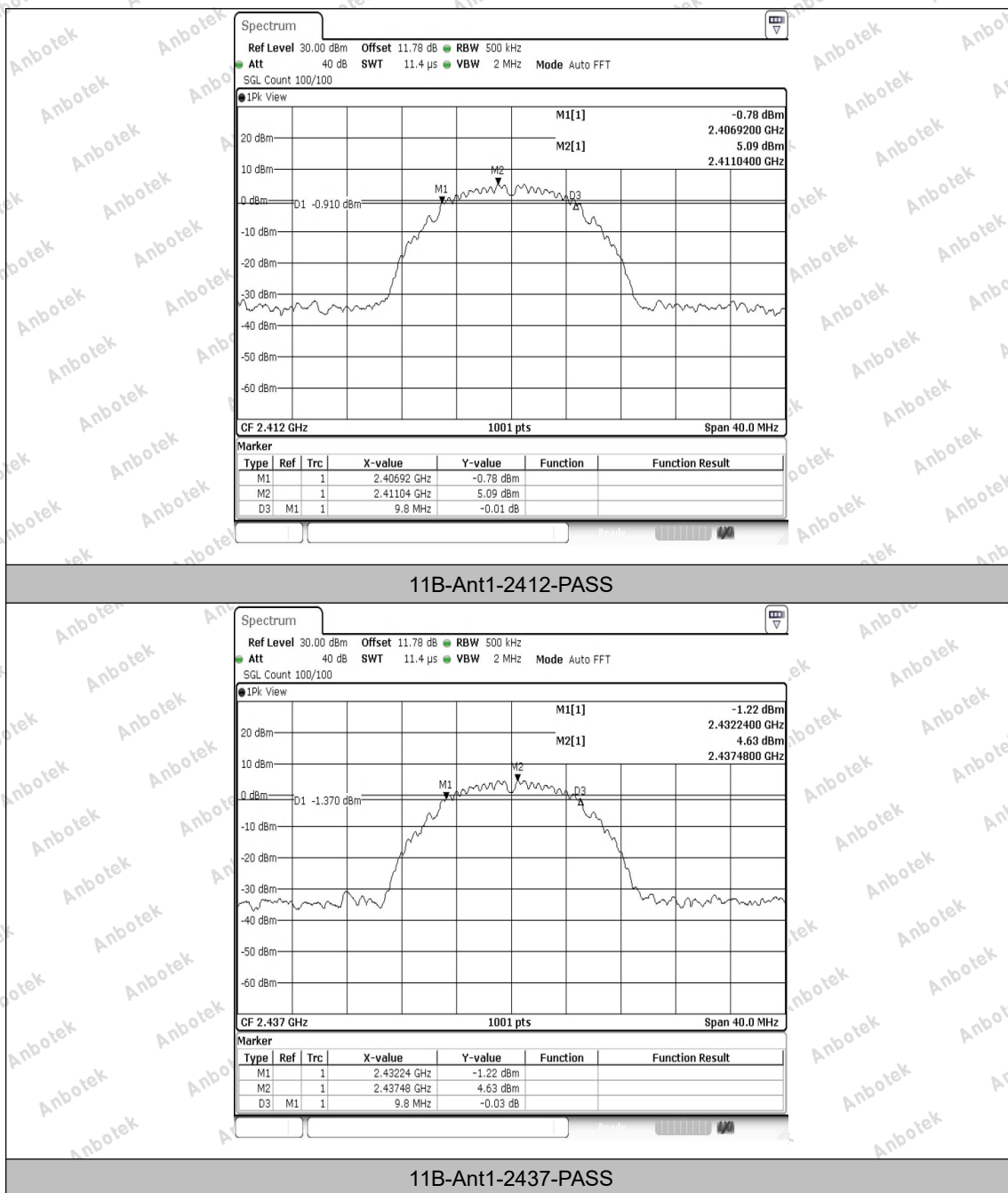
Appendix A: DTS Bandwidth

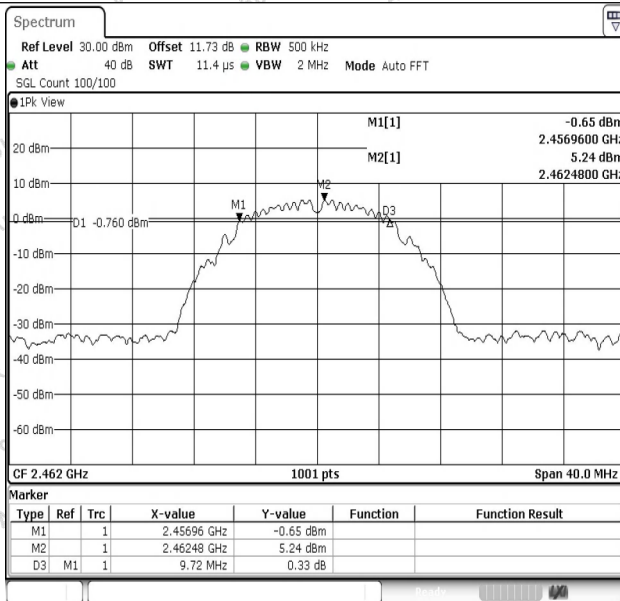
Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.80	2406.92	2416.72	0.5	PASS
11B	Ant1	2437	9.80	2432.24	2442.04	0.5	PASS
11B	Ant1	2462	9.72	2456.96	2466.68	0.5	PASS
11G	Ant1	2412	16.44	2403.76	2420.20	0.5	PASS
11G	Ant1	2437	16.48	2428.72	2445.20	0.5	PASS
11G	Ant1	2462	16.44	2453.76	2470.20	0.5	PASS
11N20SISO	Ant1	2412	17.40	2403.20	2420.60	0.5	PASS
11N20SISO	Ant1	2437	16.96	2428.68	2445.64	0.5	PASS
11N20SISO	Ant1	2462	17.36	2453.32	2470.68	0.5	PASS
11N40SISO	Ant1	2422	35.68	2404.24	2439.92	0.5	PASS
11N40SISO	Ant1	2437	34.48	2419.96	2454.44	0.5	PASS
11N40SISO	Ant1	2452	35.36	2434.24	2469.60	0.5	PASS

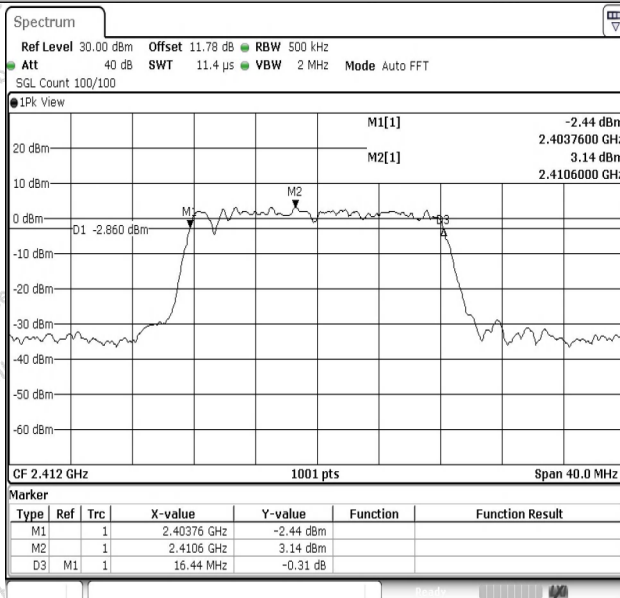


Test Graphs



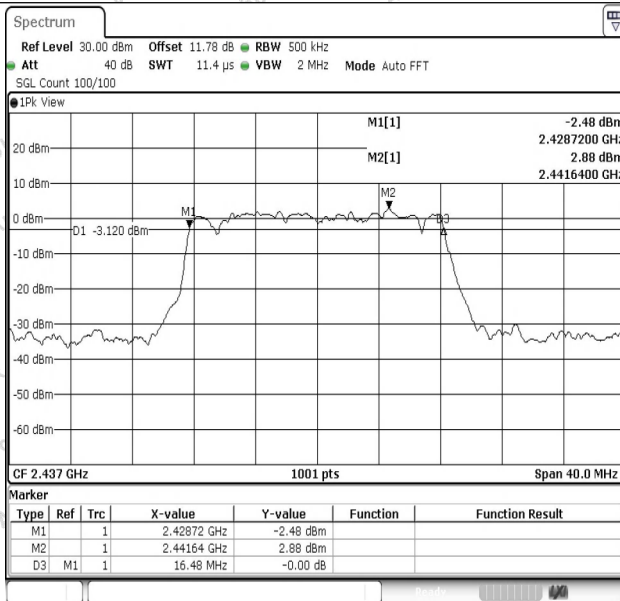


11B-Ant1-2462-PASS

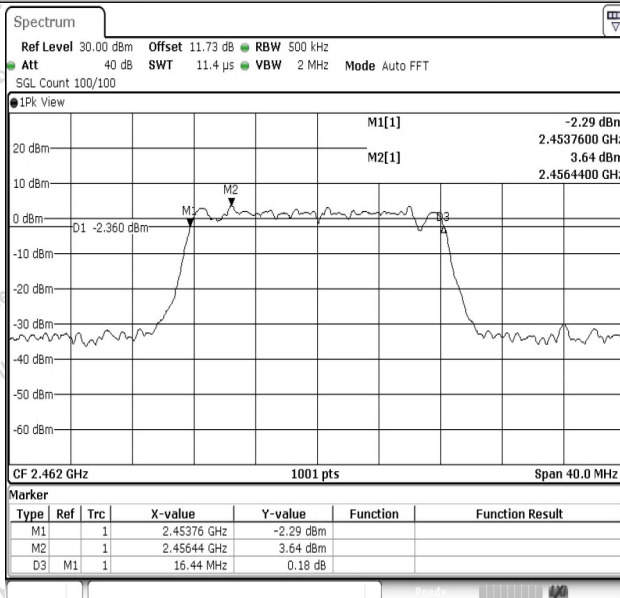


11G-Ant1-2412-PASS



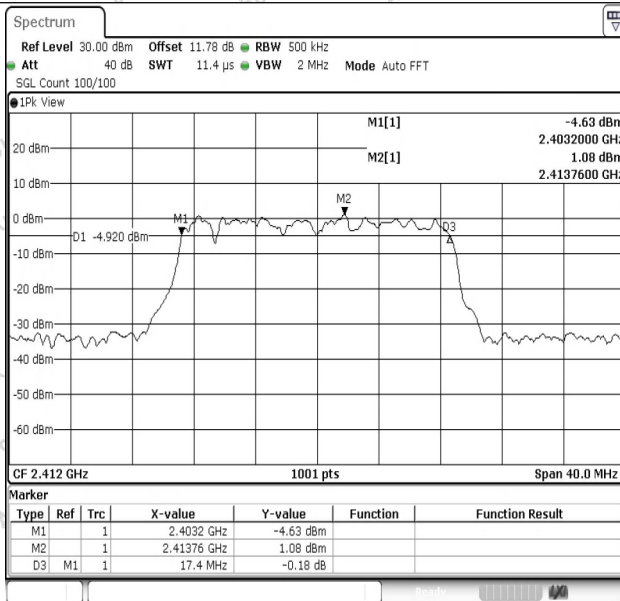


11G-Ant1-2437-PASS

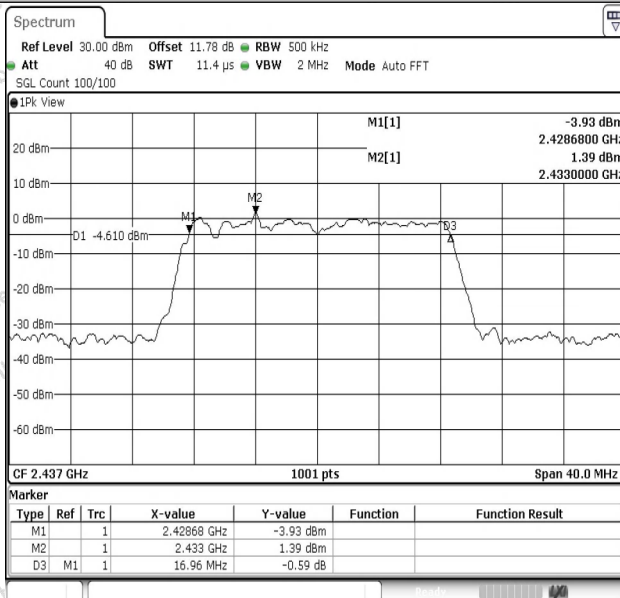


11G-Ant1-2462-PASS



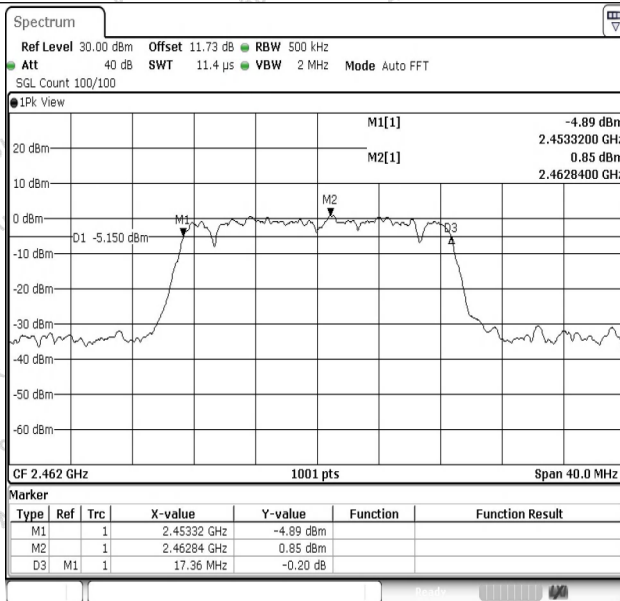


11N20SISO-Ant1-2412-PASS

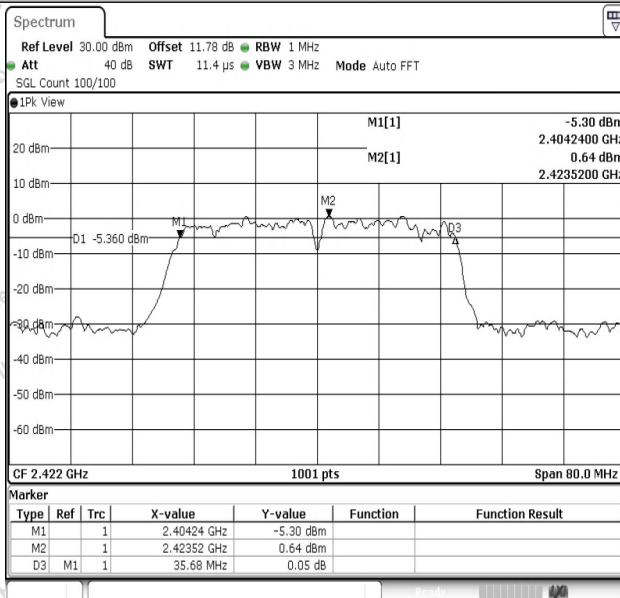


11N20SISO-Ant1-2437-PASS



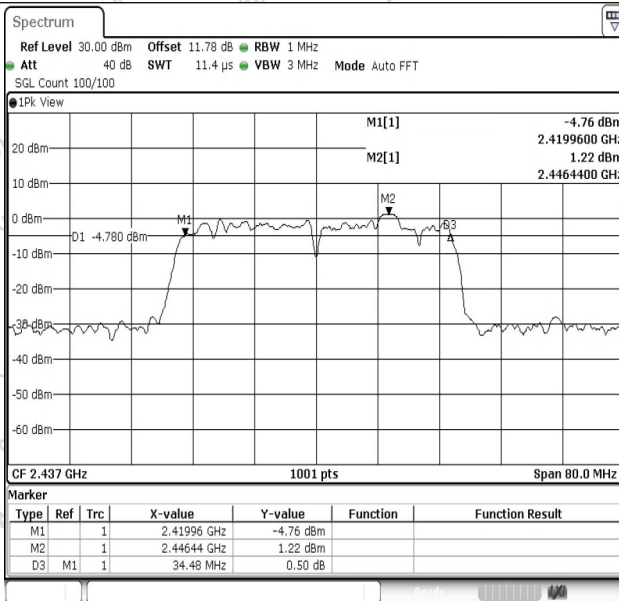


11N20SISO-Ant1-2462-PASS

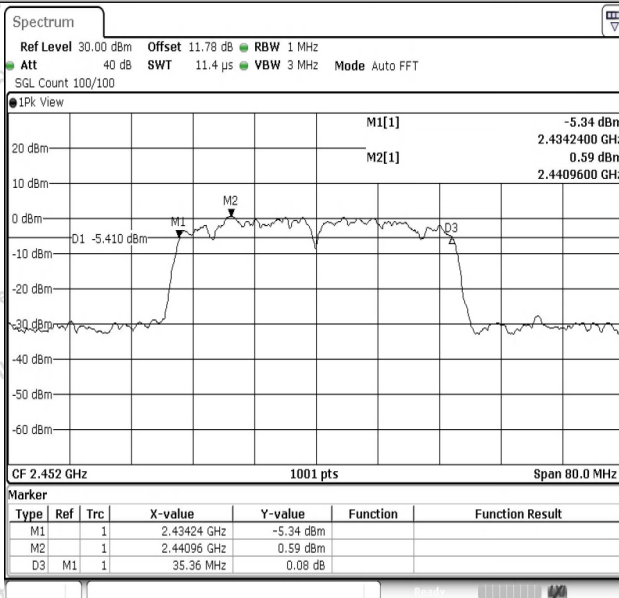


11N40SISO-Ant1-2422-PASS





11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS



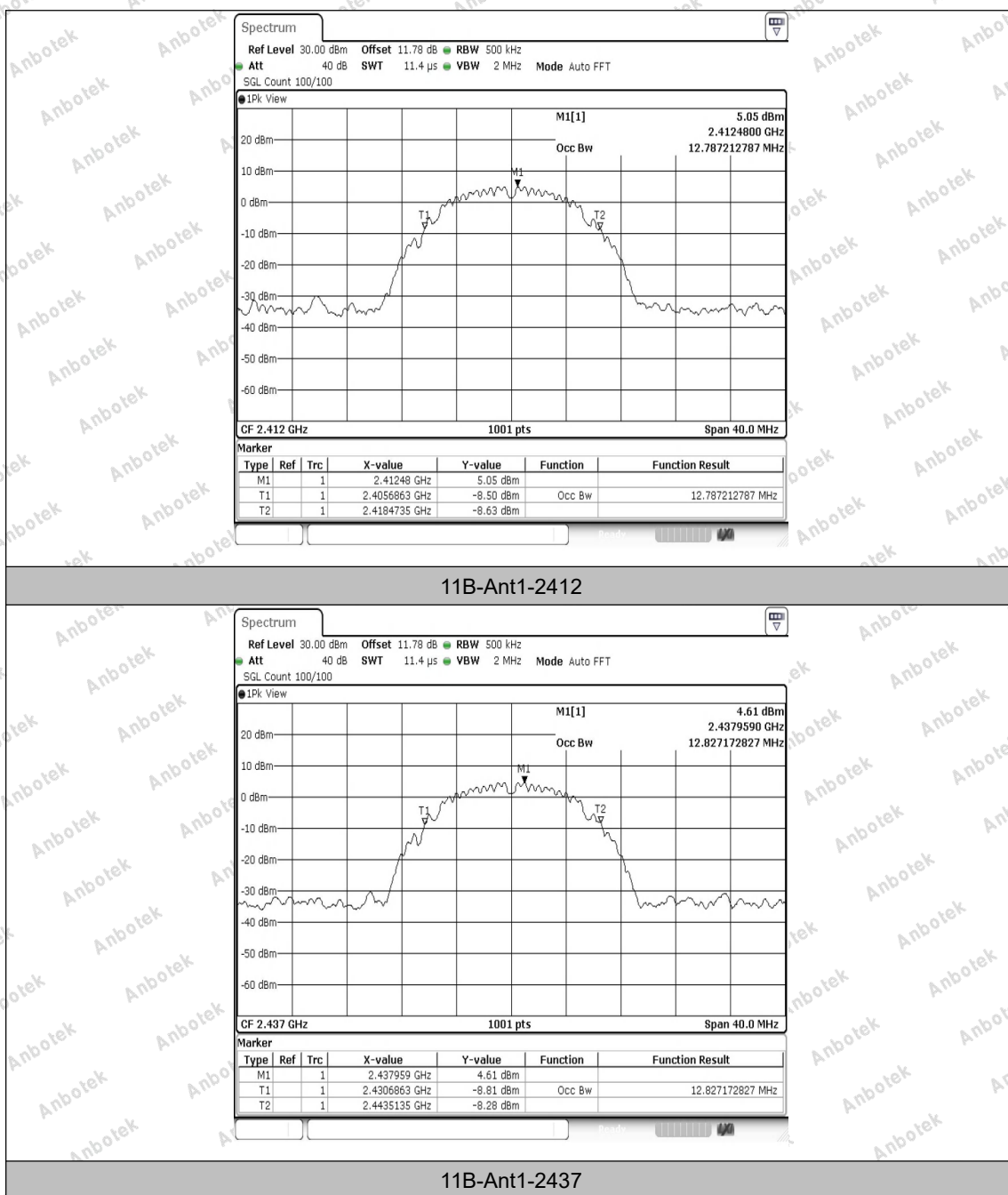
Appendix B: Occupied Channel Bandwidth

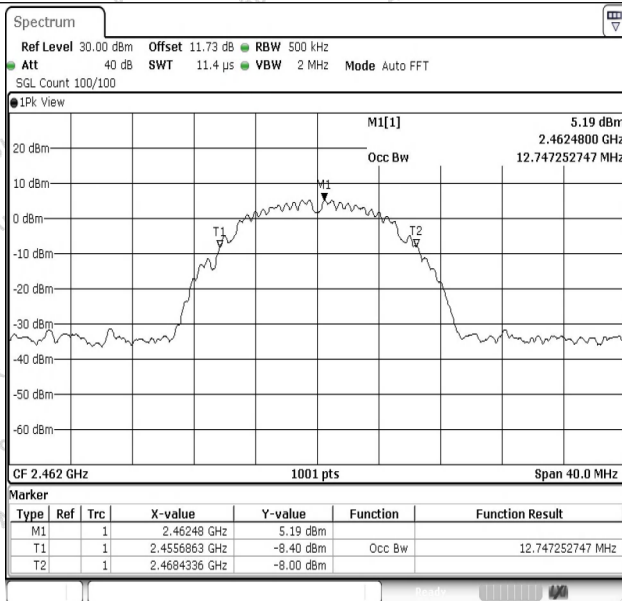
Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.787	2405.6863	2418.4735	---	---
11B	Ant1	2437	12.827	2430.6863	2443.5135	---	---
11B	Ant1	2462	12.747	2455.6863	2468.4336	---	---
11G	Ant1	2412	16.623	2403.6484	2420.2717	---	---
11G	Ant1	2437	16.623	2428.6484	2445.2717	---	---
11G	Ant1	2462	16.663	2453.6484	2470.3117	---	---
11N20SISO	Ant1	2412	17.502	2403.2088	2420.7113	---	---
11N20SISO	Ant1	2437	17.423	2428.2887	2445.7113	---	---
11N20SISO	Ant1	2462	17.463	2453.2887	2470.7512	---	---
11N40SISO	Ant1	2422	36.204	2403.7782	2439.9820	---	---
11N40SISO	Ant1	2437	36.124	2419.0979	2455.2218	---	---
11N40SISO	Ant1	2452	36.044	2434.0180	2470.0619	---	---

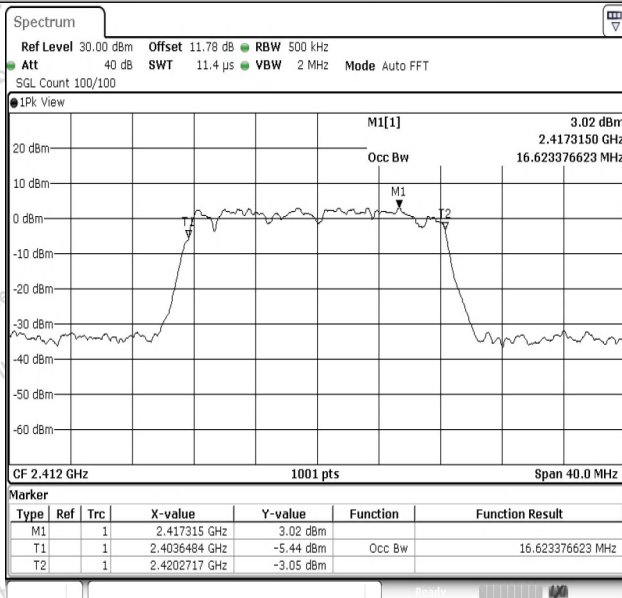


Test Graphs



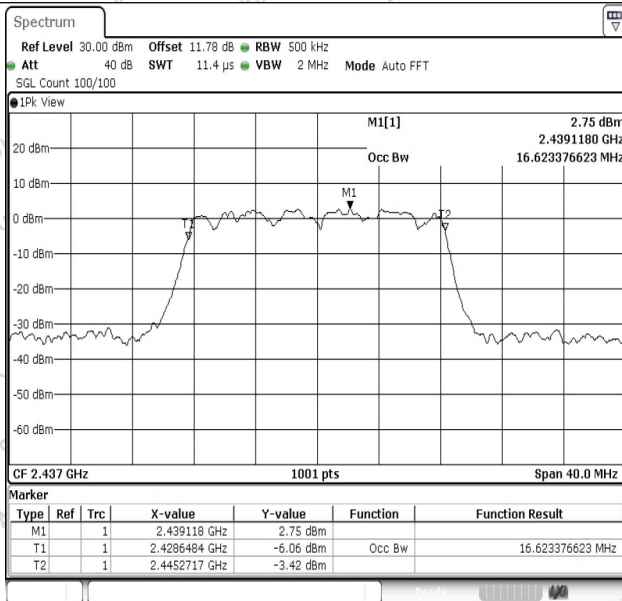


11B-Ant1-2462

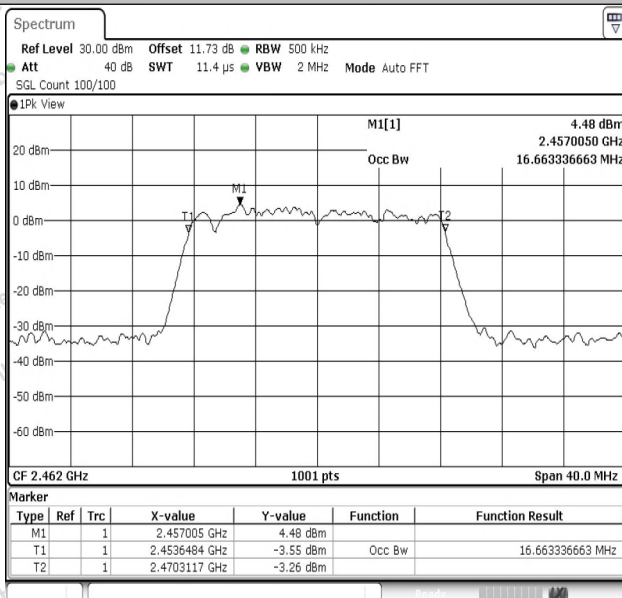


11G-Ant1-2412



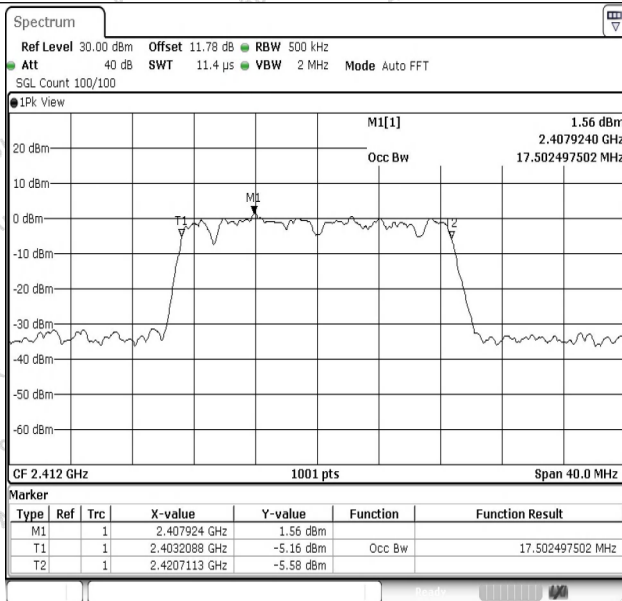


11G-Ant1-2437

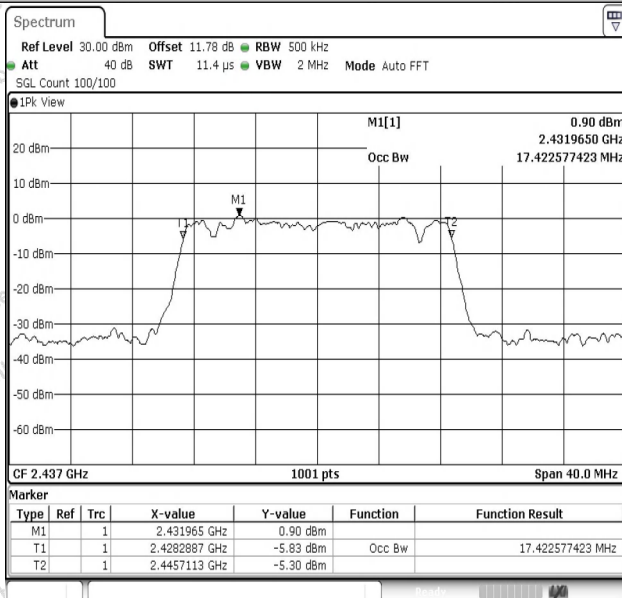


11G-Ant1-2462



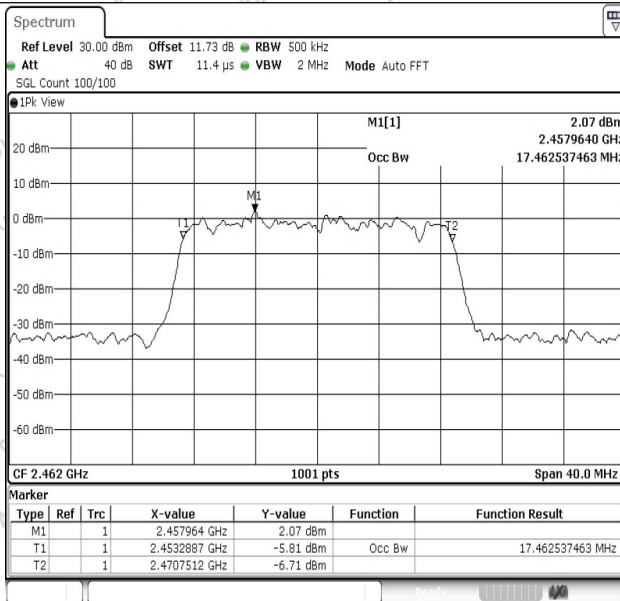


11N20SISO-Ant1-2412

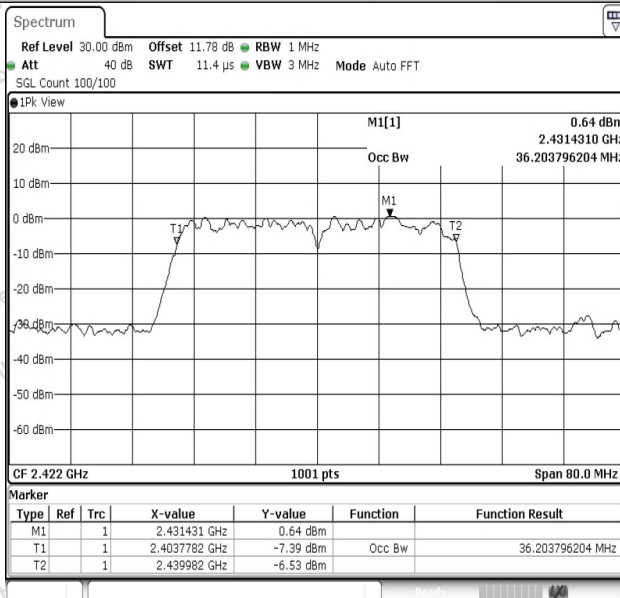


11N20SISO-Ant1-2437



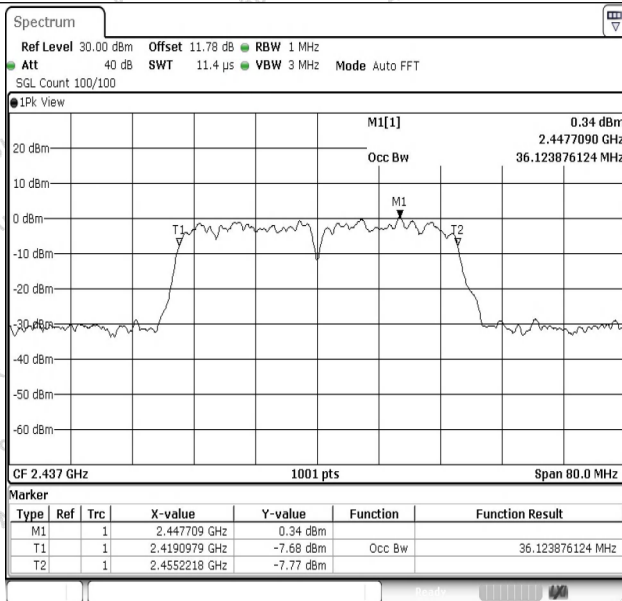


11N20SISO-Ant1-2462

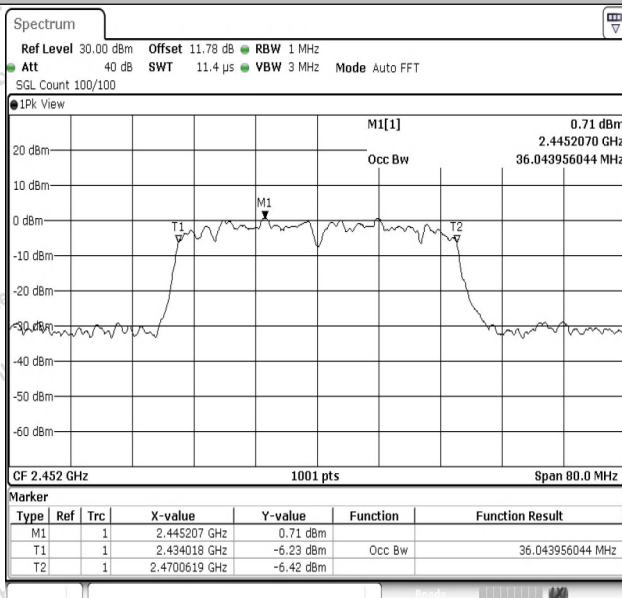


11N40SISO-Ant1-2422





11N40SISO-Ant1-2437



11N40SISO-Ant1-2452



Appendix C: Maximum conducted output power

Test Result Average

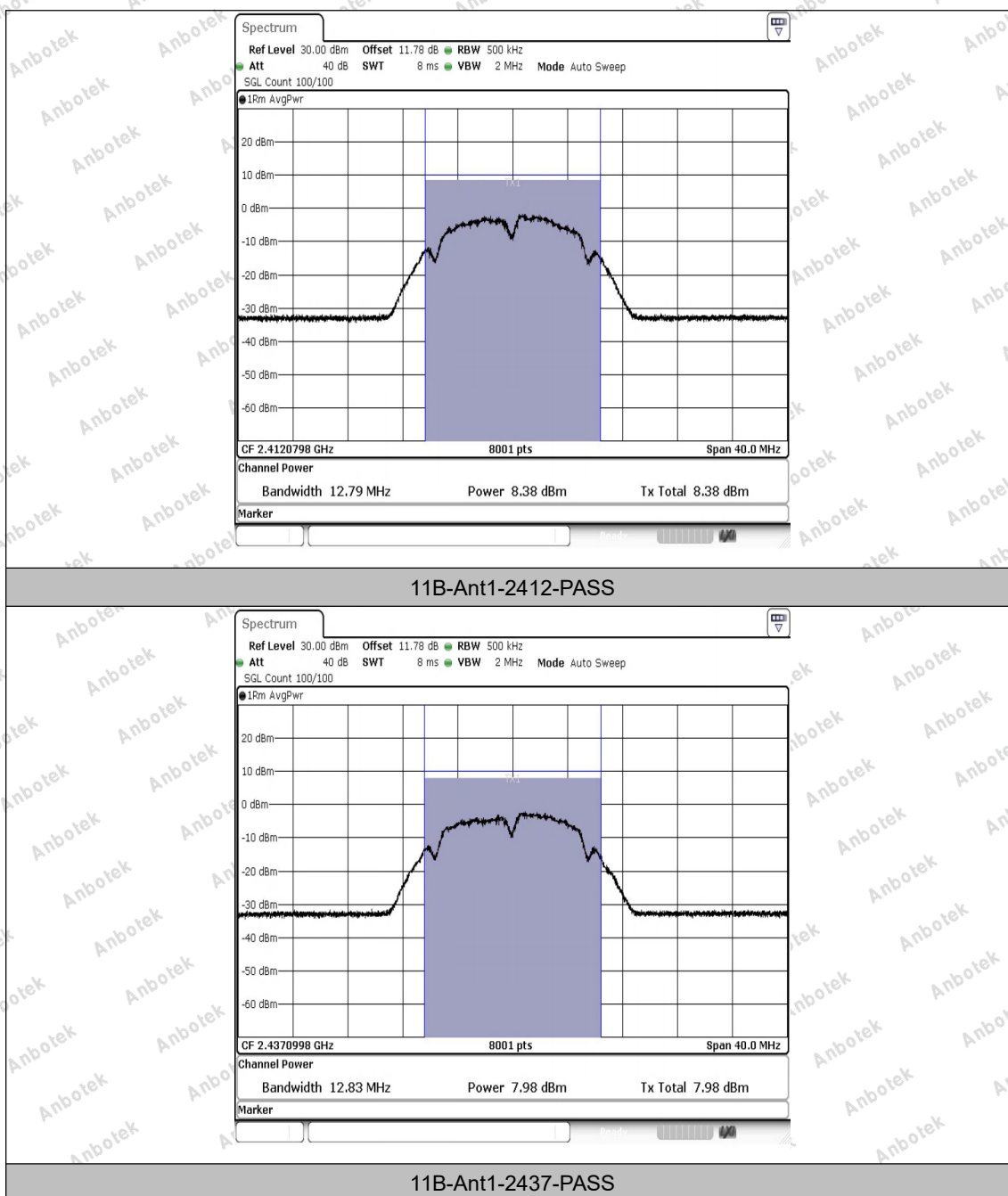
Test Mode	Antenna	Frequency [MHz]	Set Power	Average power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	NA	8.38	32.42	4.89	13.27	≤30.0 0	PASS
11B	Ant1	2437	NA	7.98	32.42	4.89	12.87	≤30.0 0	PASS
11B	Ant1	2462	NA	8.55	32.42	4.89	13.44	≤30.0 0	PASS
11G	Ant1	2412	NA	6.73	32.22	4.92	11.65	≤30.0 0	PASS
11G	Ant1	2437	NA	6.21	32.22	4.92	11.13	≤30.0 0	PASS
11G	Ant1	2462	NA	6.86	32.22	4.92	11.78	≤30.0 0	PASS
11N20SI SO	Ant1	2412	NA	4.25	31.28	5.05	9.30	≤30.0 0	PASS
11N20SI SO	Ant1	2437	NA	3.71	31.46	5.02	8.73	≤30.0 0	PASS
11N20SI SO	Ant1	2462	NA	4.04	31.46	5.02	9.06	≤30.0 0	PASS
11N40SI SO	Ant1	2422	NA	3.39	32.04	4.94	8.33	≤30.0 0	PASS
11N40SI SO	Ant1	2437	NA	3.34	32.22	4.92	8.26	≤30.0 0	PASS
11N40SI SO	Ant1	2452	NA	3.49	32.04	4.94	8.43	≤30.0 0	PASS

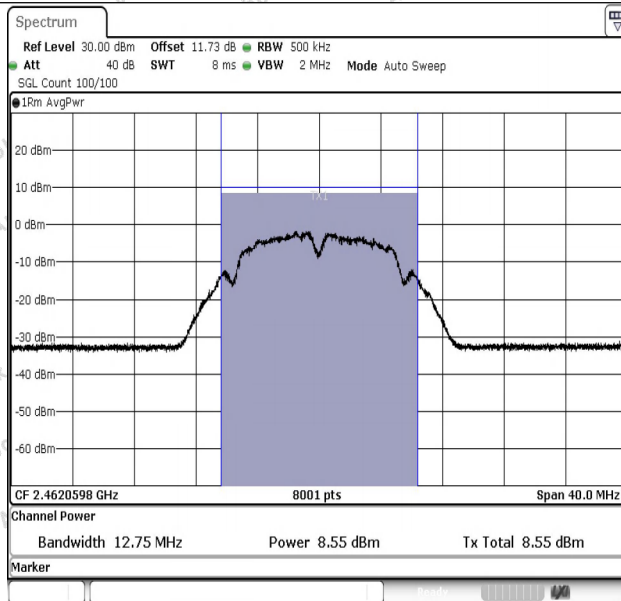
Note:

1. The cable loss are compensated in the graph

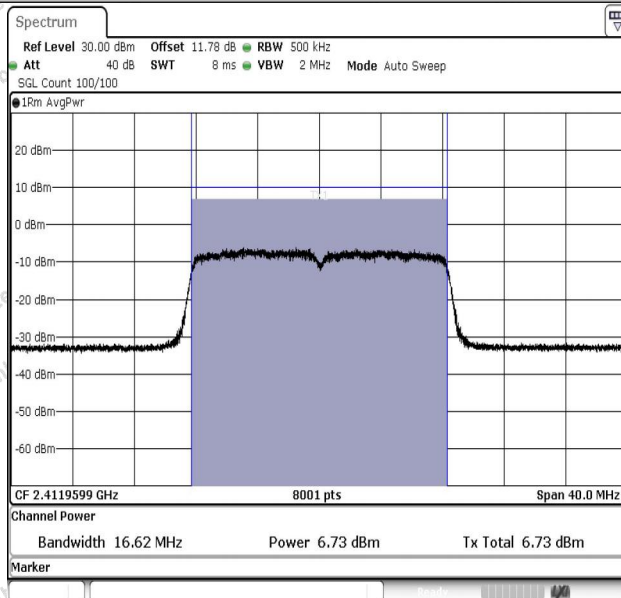


Test Graphs Average



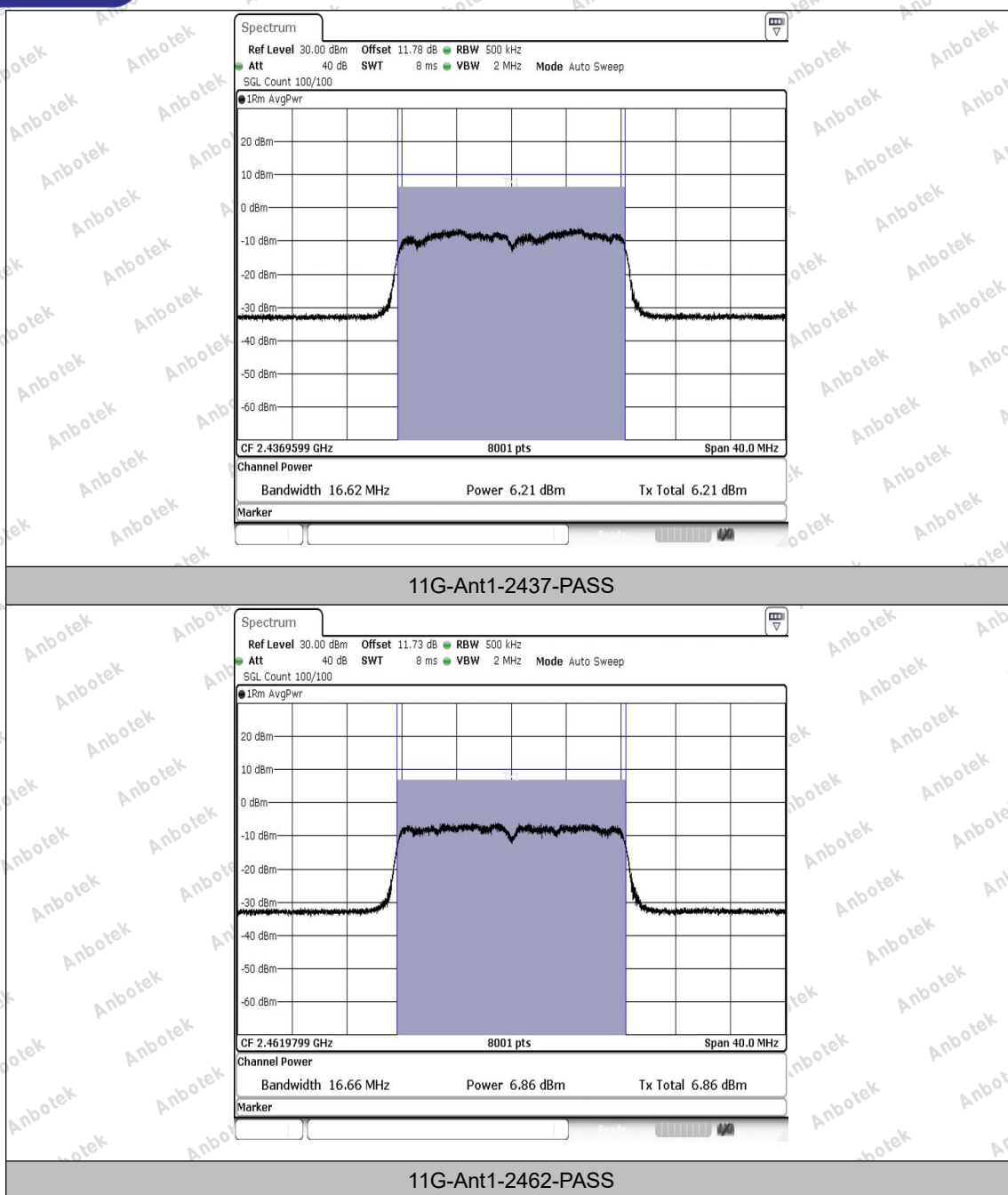


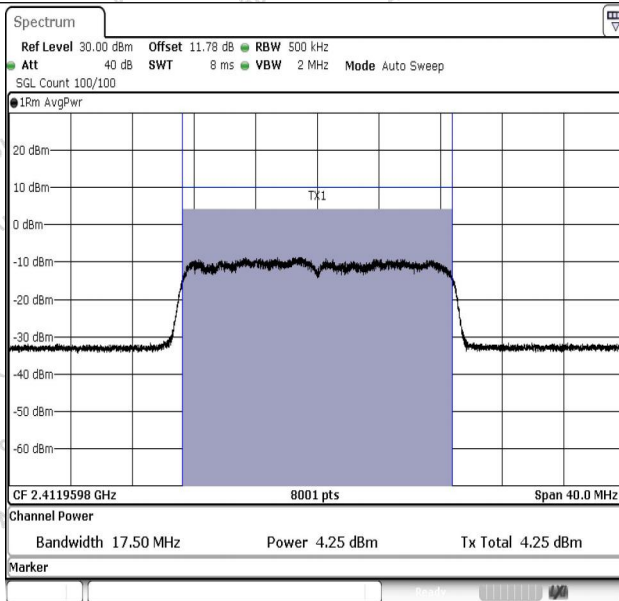
11B-Ant1-2462-PASS



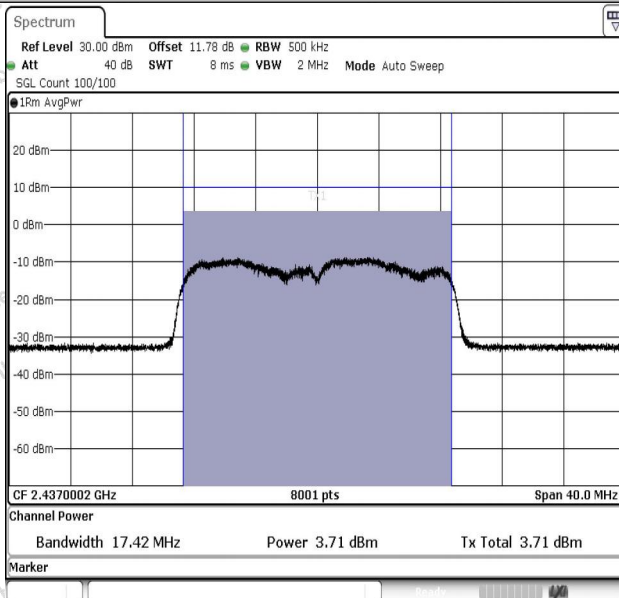
11G-Ant1-2412-PASS







11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2437-PASS



