

Appendix Test Data

Report No:	1811C40005312502	Test Sample NO:	1-2-2
Start Test Date:	2024.08.16	Finish Test Date:	2024.08.16
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	23.3℃	Relative Humidity:	56%
Pressure:	101 kPa		

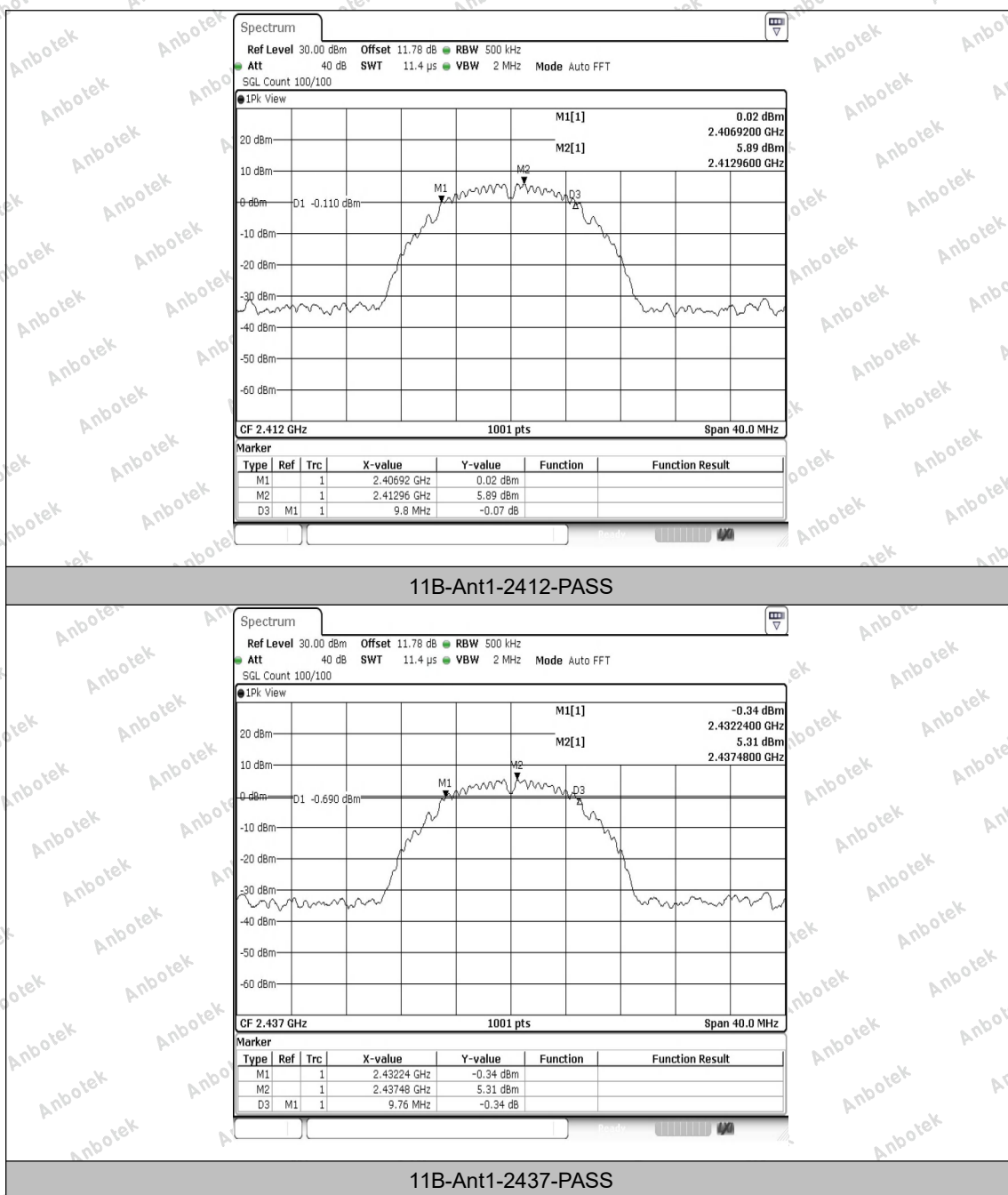
Appendix A: DTS Bandwidth

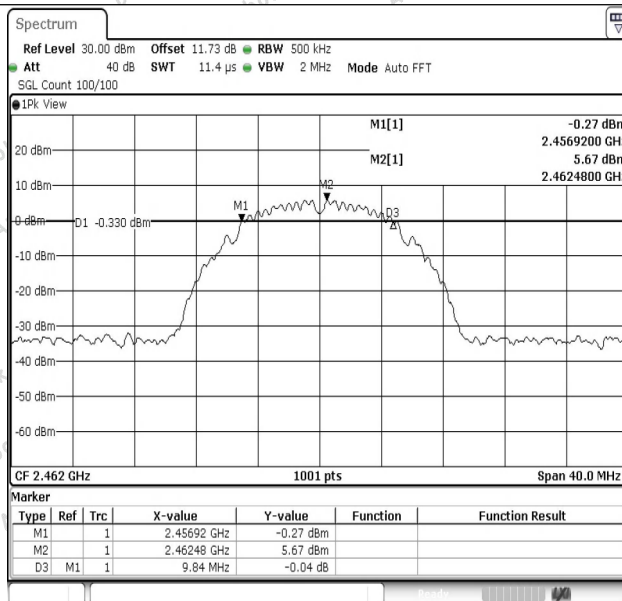
Test Result

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	9.76	2432.24	2442.00	0.5	PASS
11B	Ant1	2462	9.84	2456.92	2466.76	0.5	PASS
11G	Ant1	2412	16.64	2403.80	2420.44	0.5	PASS
11G	Ant1	2437	16.48	2428.84	2445.32	0.5	PASS
11G	Ant1	2462	16.68	2453.72	2470.40	0.5	PASS
11N20SISO	Ant1	2412	17.32	2403.32	2420.64	0.5	PASS
11N20SISO	Ant1	2437	17.28	2428.36	2445.64	0.5	PASS
11N20SISO	Ant1	2462	17.24	2453.40	2470.64	0.5	PASS
11N40SISO	Ant1	2422	35.52	2404.32	2439.84	0.5	PASS
11N40SISO	Ant1	2437	35.84	2419.08	2454.92	0.5	PASS
11N40SISO	Ant1	2452	34.72	2434.48	2469.20	0.5	PASS

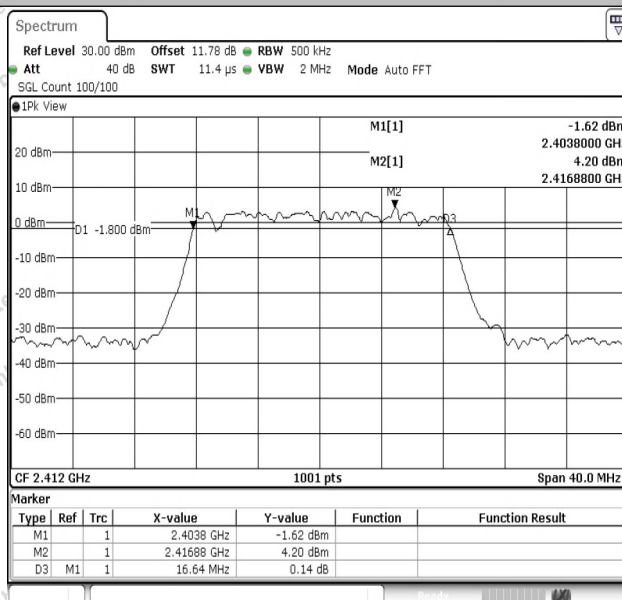


Test Graphs



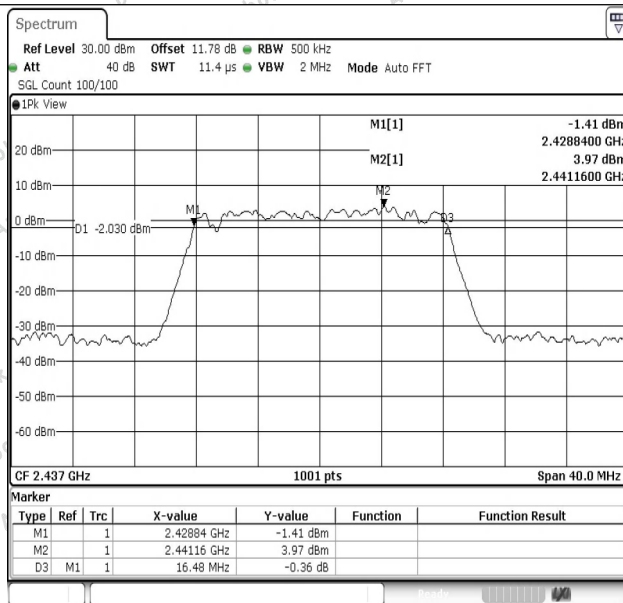


11B-Ant1-2462-PASS

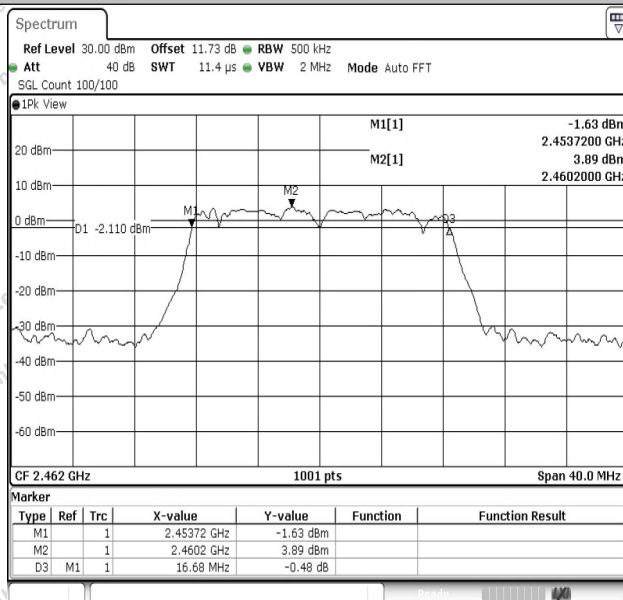


11G-Ant1-2412-PASS



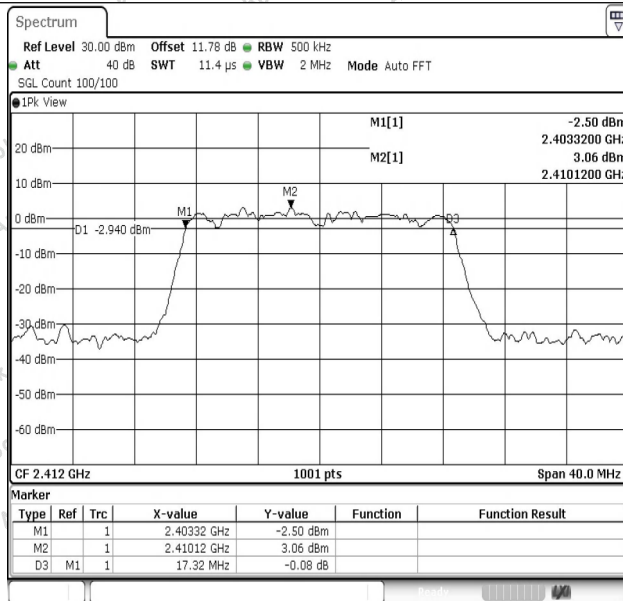


11G-Ant1-2437-PASS

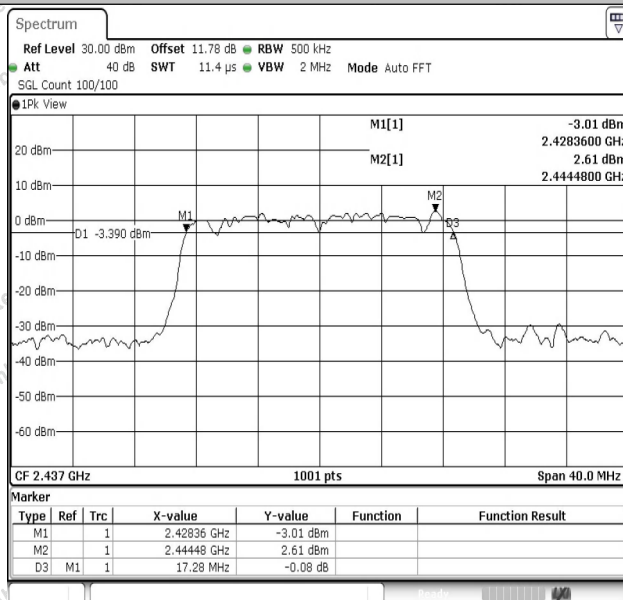


11G-Ant1-2462-PASS



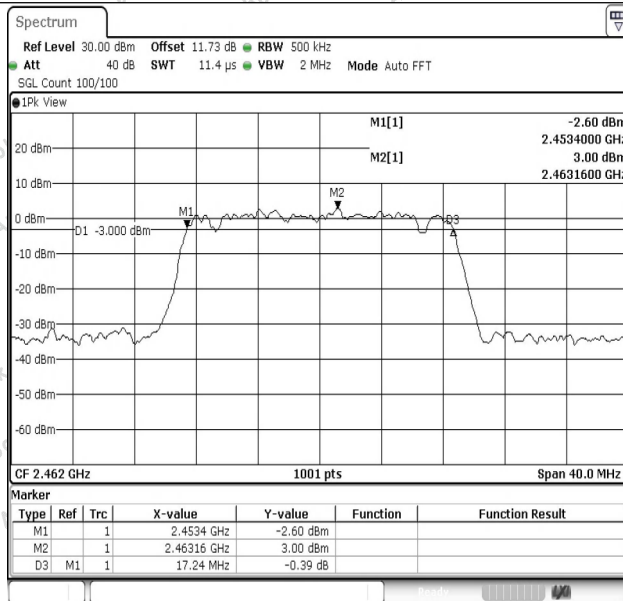


11N20SISO-Ant1-2412-PASS

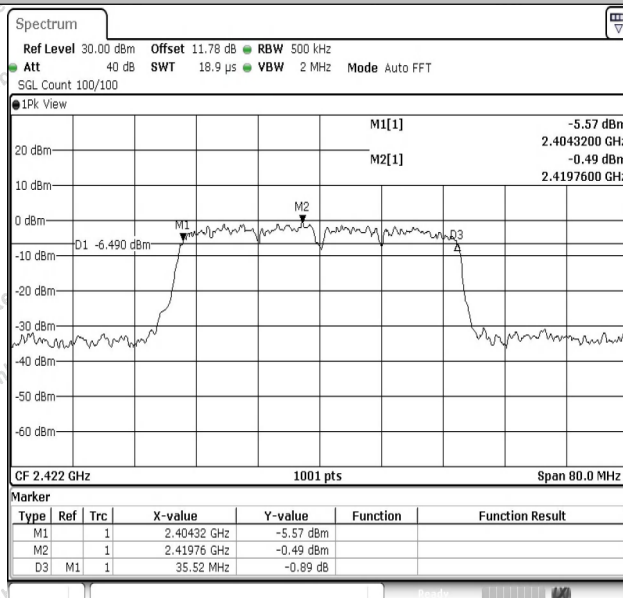


11N20SISO-Ant1-2437-PASS



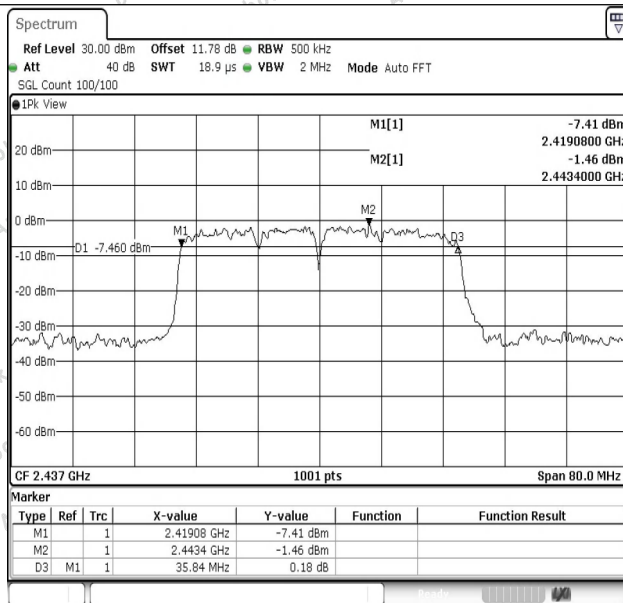


11N20SISO-Ant1-2462-PASS

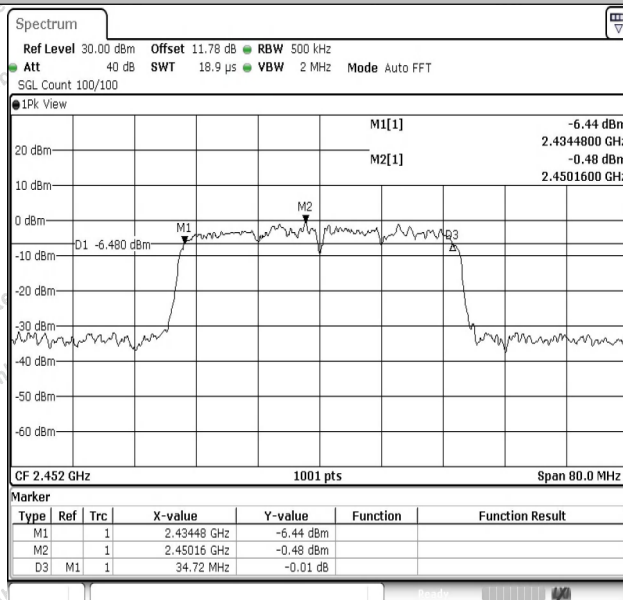


11N40SISO-Ant1-2422-PASS





11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS



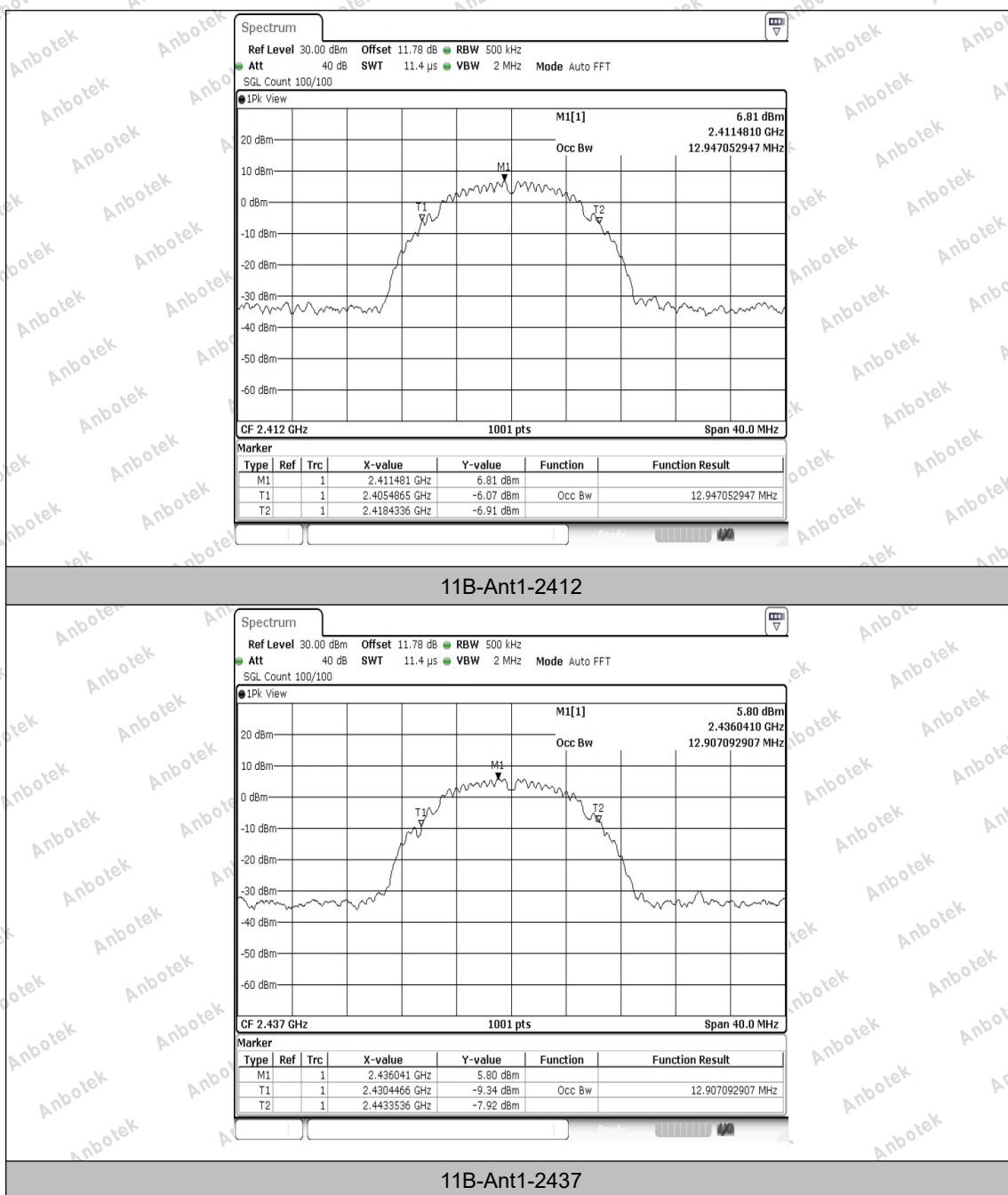
Appendix B: Occupied Channel Bandwidth

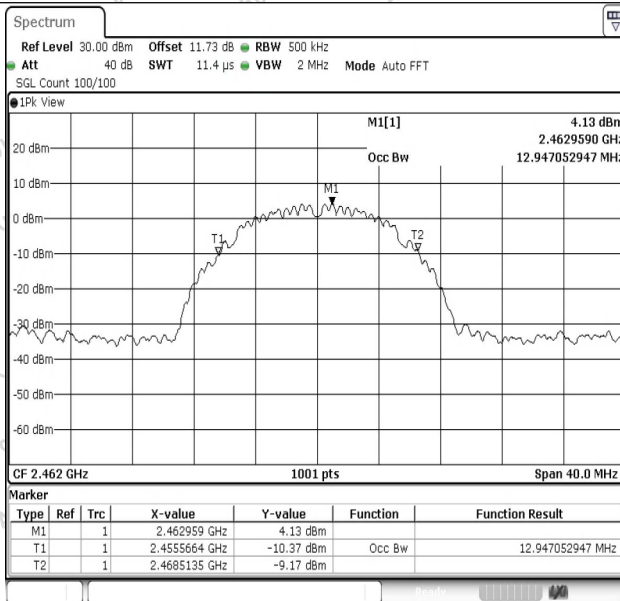
Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.947	2405.4865	2418.4336	---	---
11B	Ant1	2437	12.907	2430.4466	2443.3536	---	---
11B	Ant1	2462	12.947	2455.5664	2468.5135	---	---
11G	Ant1	2412	16.743	2403.6883	2420.4316	---	---
11G	Ant1	2437	16.583	2428.6484	2445.2318	---	---
11G	Ant1	2462	16.663	2453.7283	2470.3916	---	---
11N20SISO	Ant1	2412	17.662	2403.1688	2420.8312	---	---
11N20SISO	Ant1	2437	17.463	2428.2488	2445.7113	---	---
11N20SISO	Ant1	2462	17.542	2453.2488	2470.7912	---	---
11N40SISO	Ant1	2422	35.804	2404.0979	2439.9021	---	---
11N40SISO	Ant1	2437	35.804	2418.9381	2454.7423	---	---
11N40SISO	Ant1	2452	35.804	2434.0979	2469.9021	---	---

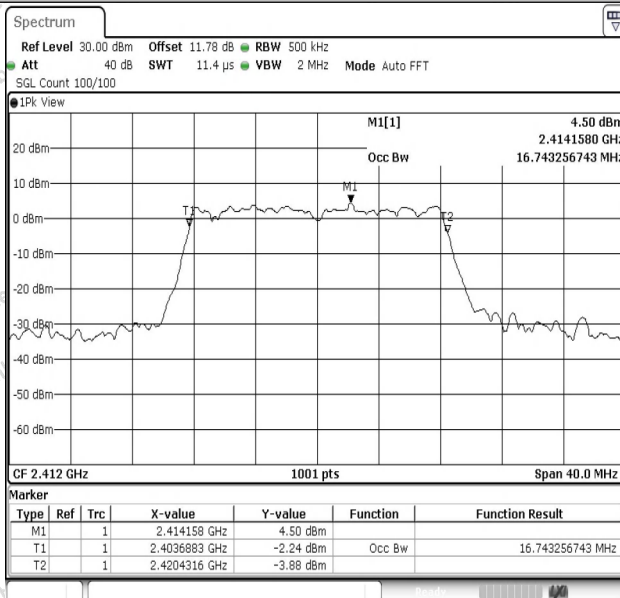


Test Graphs



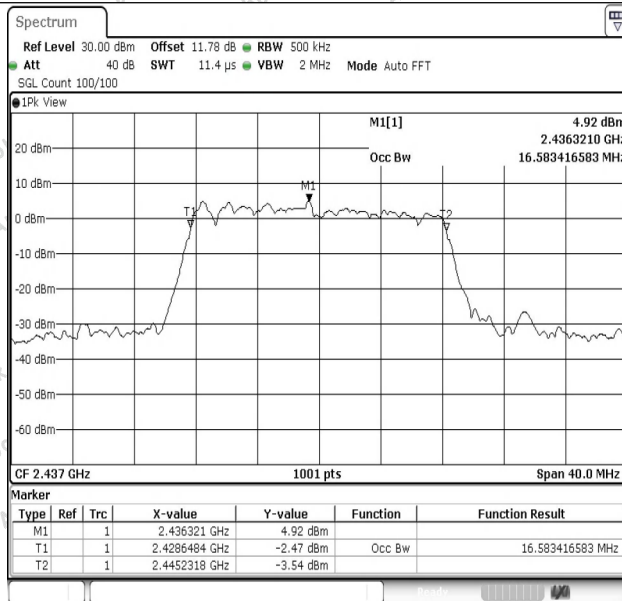


11B-Ant1-2462

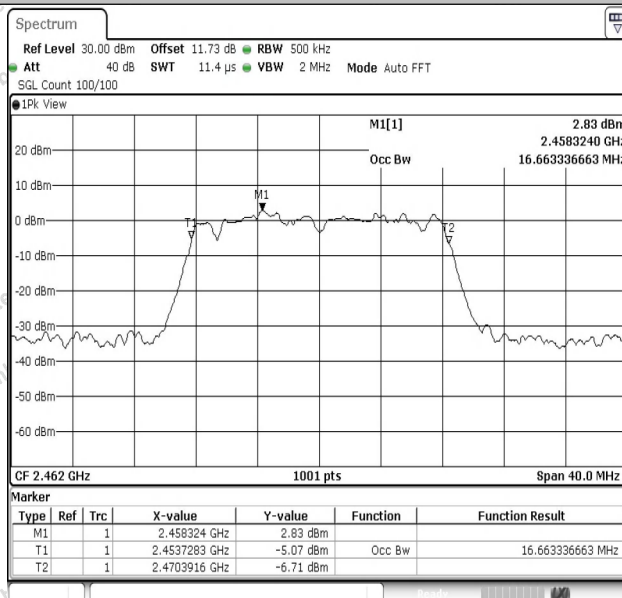


11G-Ant1-2412



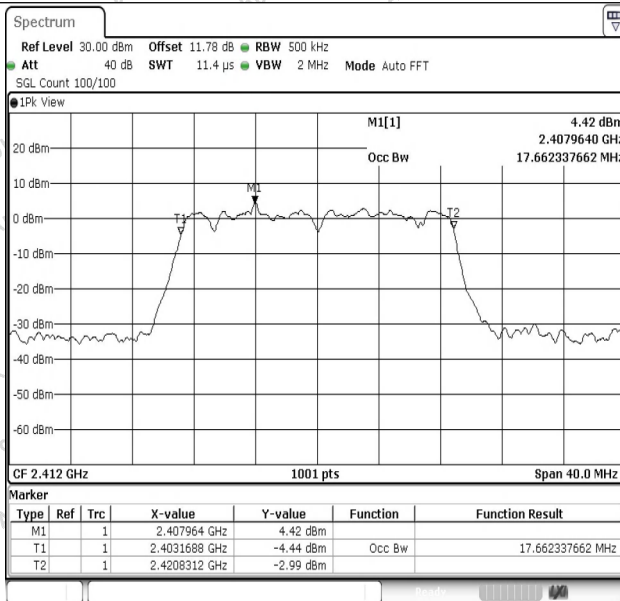


11G-Ant1-2437

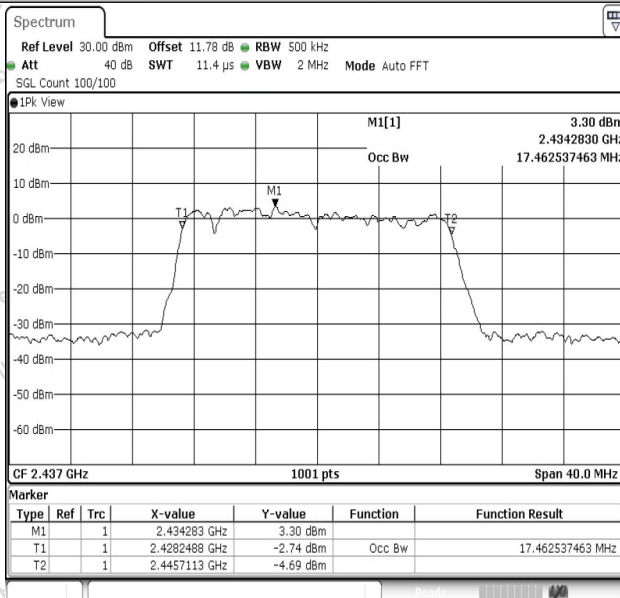


11G-Ant1-2462



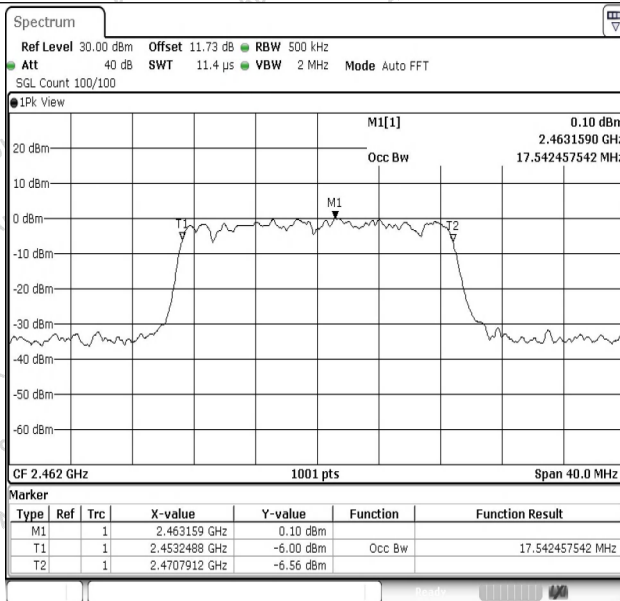


11N20SISO-Ant1-2412

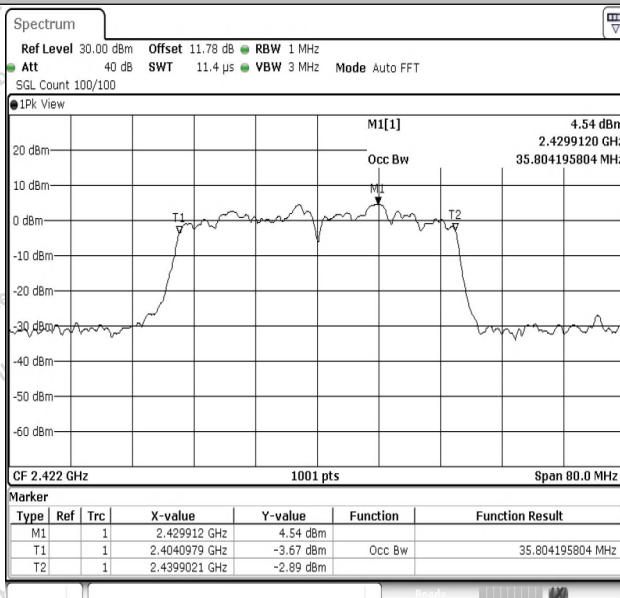


11N20SISO-Ant1-2437



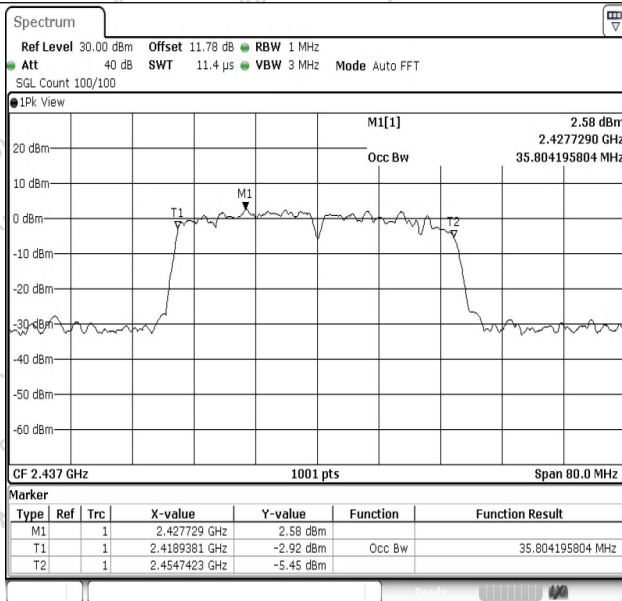


11N20SISO-Ant1-2462

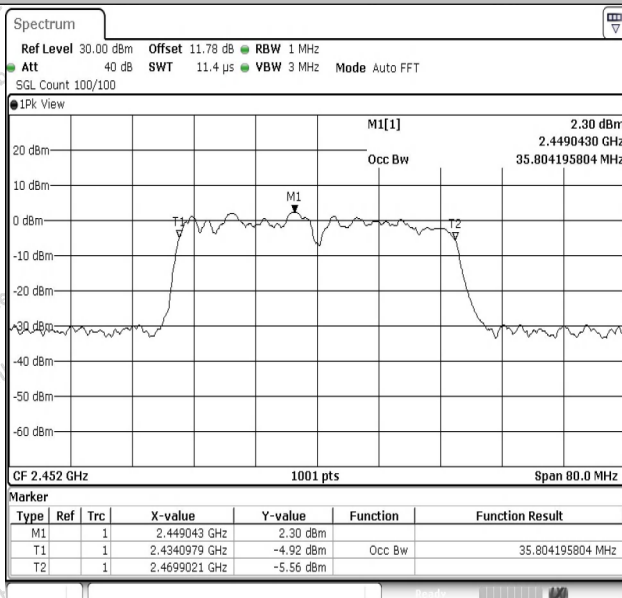


11N40SISO-Ant1-2422





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	9.53	32.60	4.87	14.40	≤30.00	PASS
11B	Ant1	2437	NA	9.18	32.42	4.89	14.07	≤30.00	PASS
11B	Ant1	2462	NA	7.12	32.42	4.89	12.01	≤30.00	PASS
11G	Ant1	2412	NA	7.79	32.60	4.87	12.66	≤30.00	PASS
11G	Ant1	2437	NA	7.43	32.60	4.87	12.30	≤30.00	PASS
11G	Ant1	2462	NA	5.36	32.22	4.92	10.28	≤30.00	PASS
11N20SISO	Ant1	2412	NA	6.46	31.28	5.05	11.51	≤30.00	PASS
11N20SISO	Ant1	2437	NA	6.15	31.46	5.02	11.17	≤30.00	PASS
11N20SISO	Ant1	2462	NA	3.97	31.46	5.02	8.99	≤30.00	PASS
11N40SISO	Ant1	2422	NA	6.03	32.22	4.92	10.95	≤30.00	PASS
11N40SISO	Ant1	2437	NA	5.70	32.22	4.92	10.62	≤30.00	PASS
11N40SISO	Ant1	2452	NA	4.30	32.22	4.92	9.22	≤30.00	PASS

Note: The cable loss are compensated in the graph.



Test Graphs Average

