

Appendix Test Data

Report No:	1814C40017612502	Test Sample NO:	1-2-2
Start Test Date:	2024.08.20	Finish Test Date:	2024.08.20
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	24.3℃	Relative Humidity:	56%
Pressure:	101 kPa		

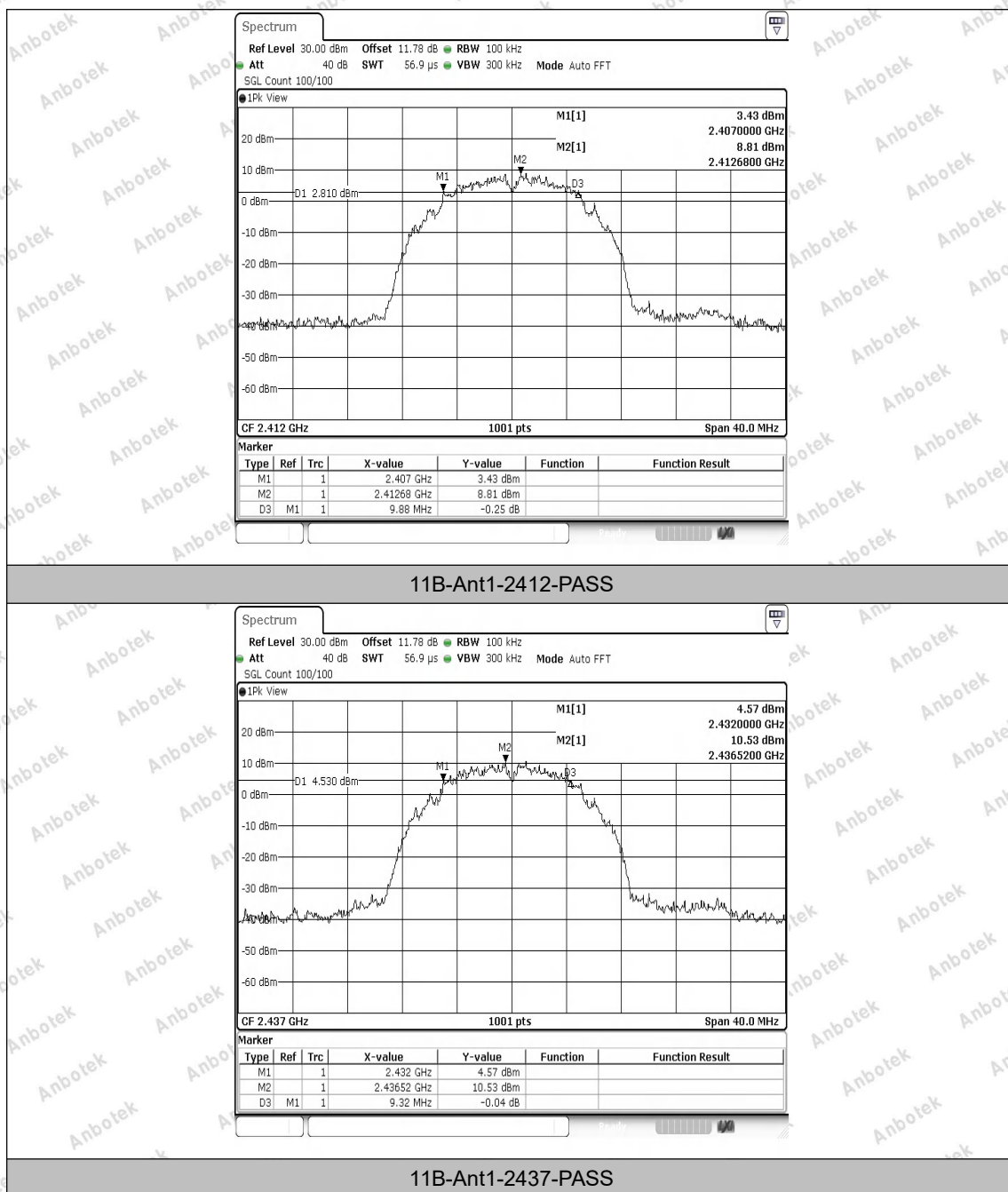
Appendix A: DTS Bandwidth

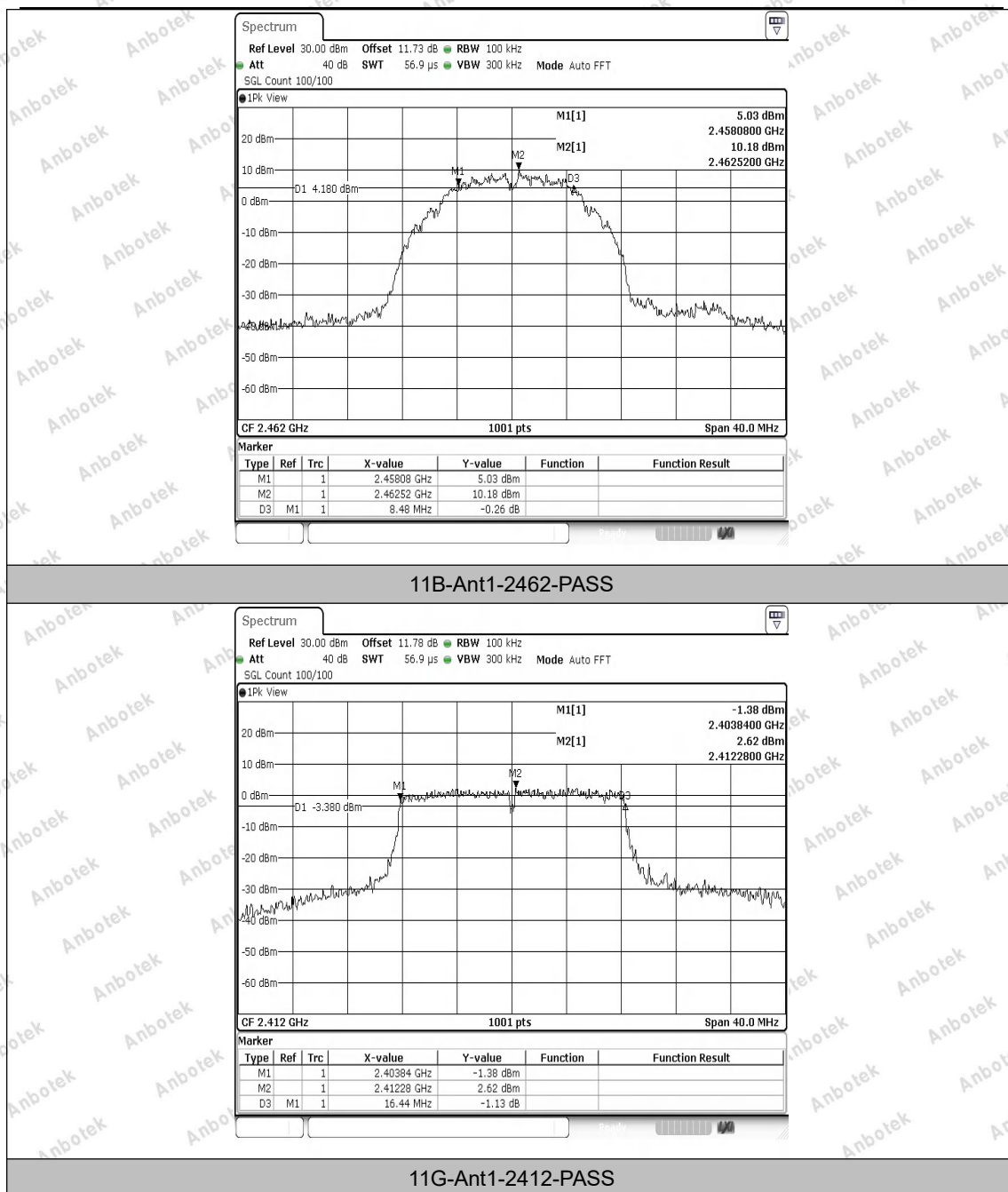
Test Result

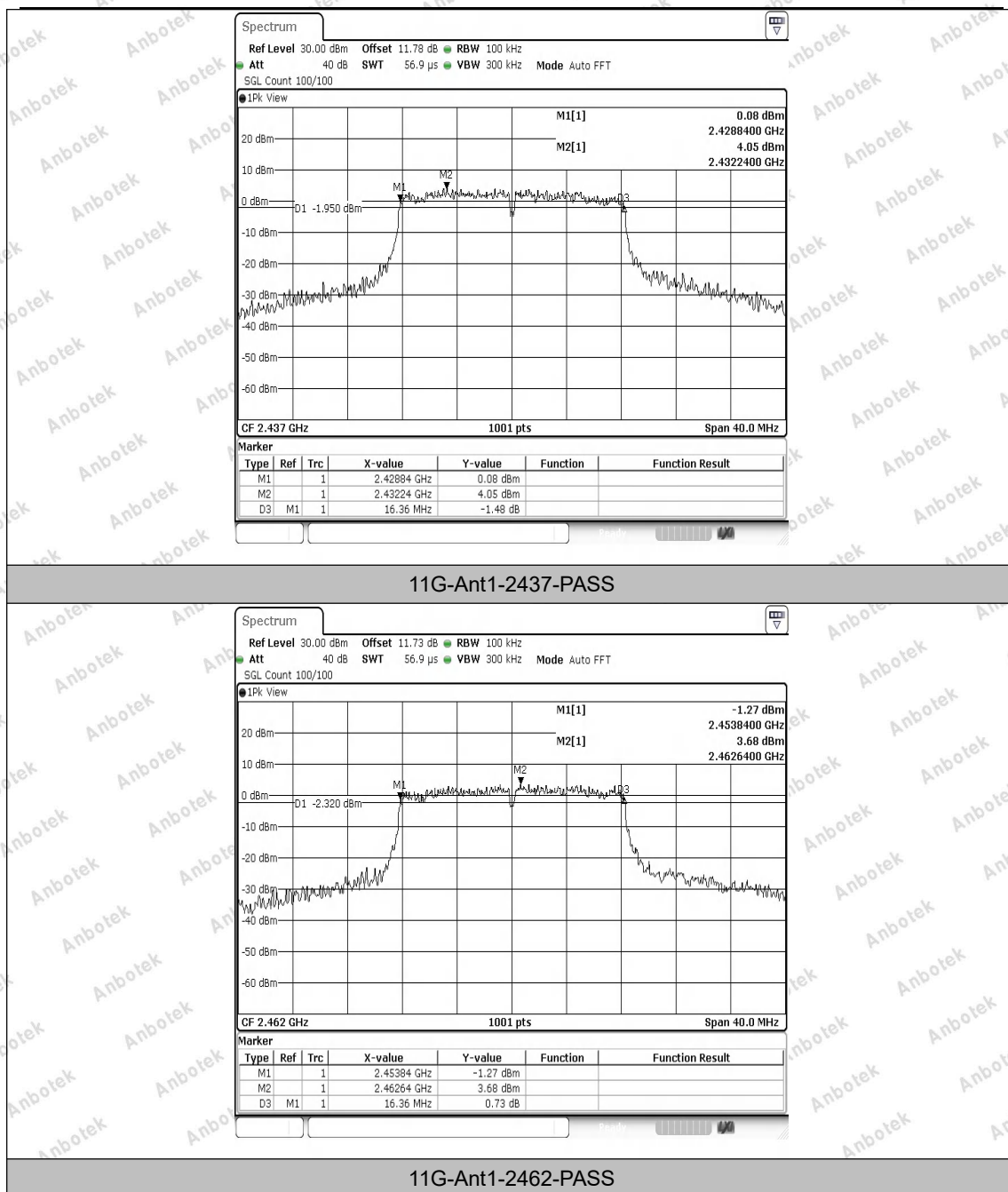
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.88	2407.00	2416.88	0.5	PASS
11B	Ant1	2437	9.32	2432.00	2441.32	0.5	PASS
11B	Ant1	2462	8.48	2458.08	2466.56	0.5	PASS
11G	Ant1	2412	16.44	2403.84	2420.28	0.5	PASS
11G	Ant1	2437	16.36	2428.84	2445.20	0.5	PASS
11G	Ant1	2462	16.36	2453.84	2470.20	0.5	PASS
11N20SISO	Ant1	2412	17.16	2403.48	2420.64	0.5	PASS
11N20SISO	Ant1	2437	17.00	2428.44	2445.44	0.5	PASS
11N20SISO	Ant1	2462	17.04	2453.52	2470.56	0.5	PASS



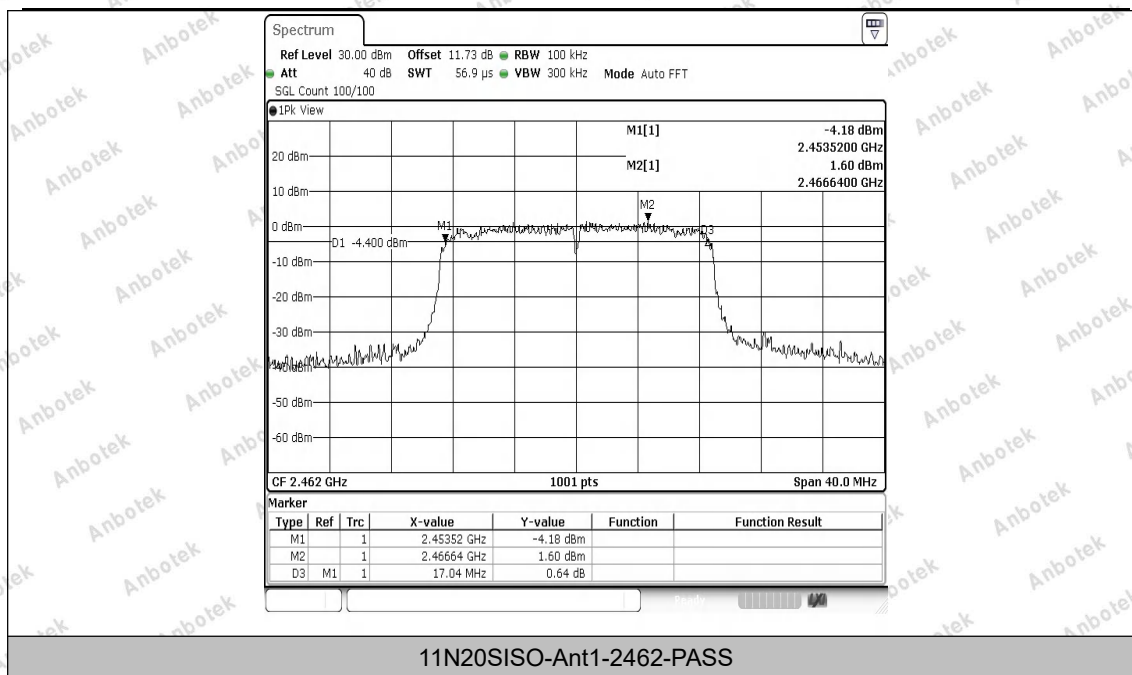
Test Graphs











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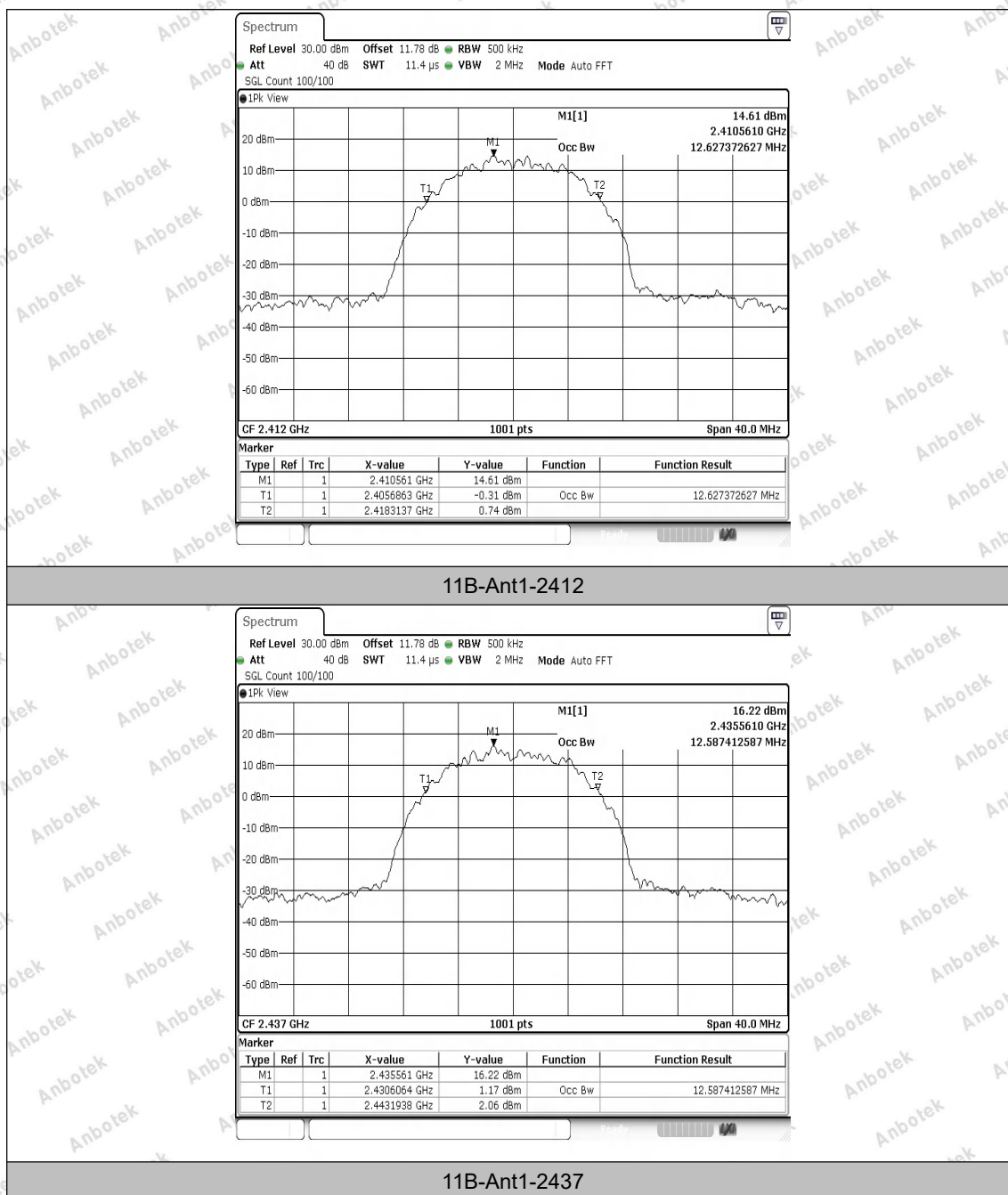
Appendix B: Occupied Channel Bandwidth

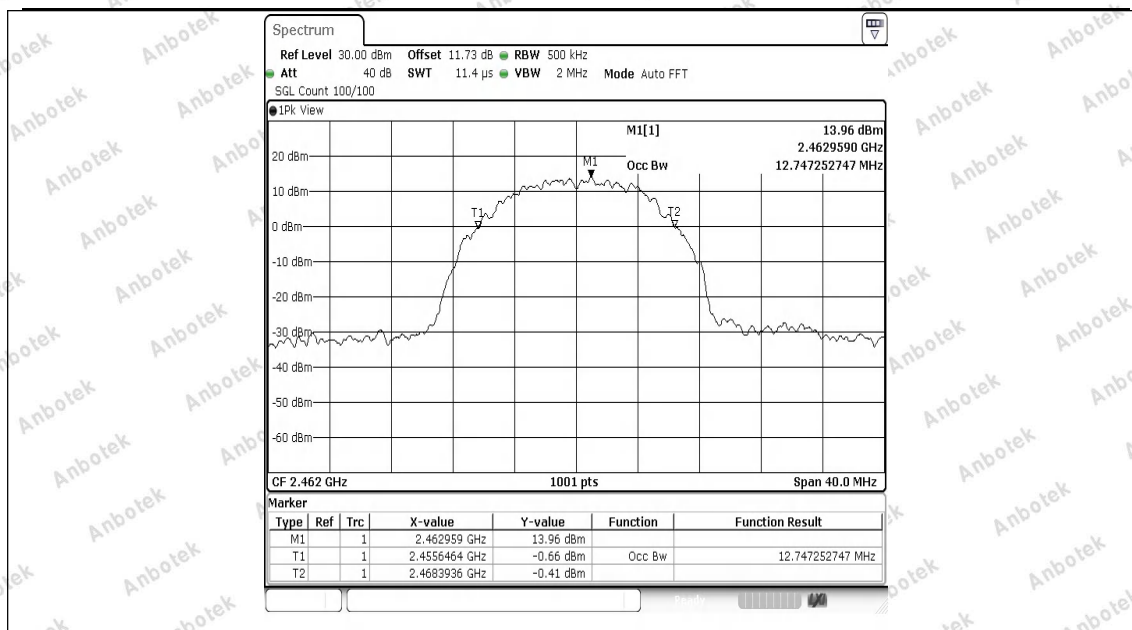
Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.627	2405.6863	2418.3137	---	---
11B	Ant1	2437	12.587	2430.6064	2443.1938	---	---
11B	Ant1	2462	12.747	2455.6464	2468.3936	---	---
11G	Ant1	2412	16.503	2403.8082	2420.3117	---	---
11G	Ant1	2437	16.583	2428.6084	2445.1918	---	---
11G	Ant1	2462	16.464	2453.8881	2470.3516	---	---
11N20SISO	Ant1	2412	17.383	2403.3287	2420.7113	---	---
11N20SISO	Ant1	2437	17.343	2428.2887	2445.6314	---	---
11N20SISO	Ant1	2462	17.223	2453.4486	2470.6713	---	---

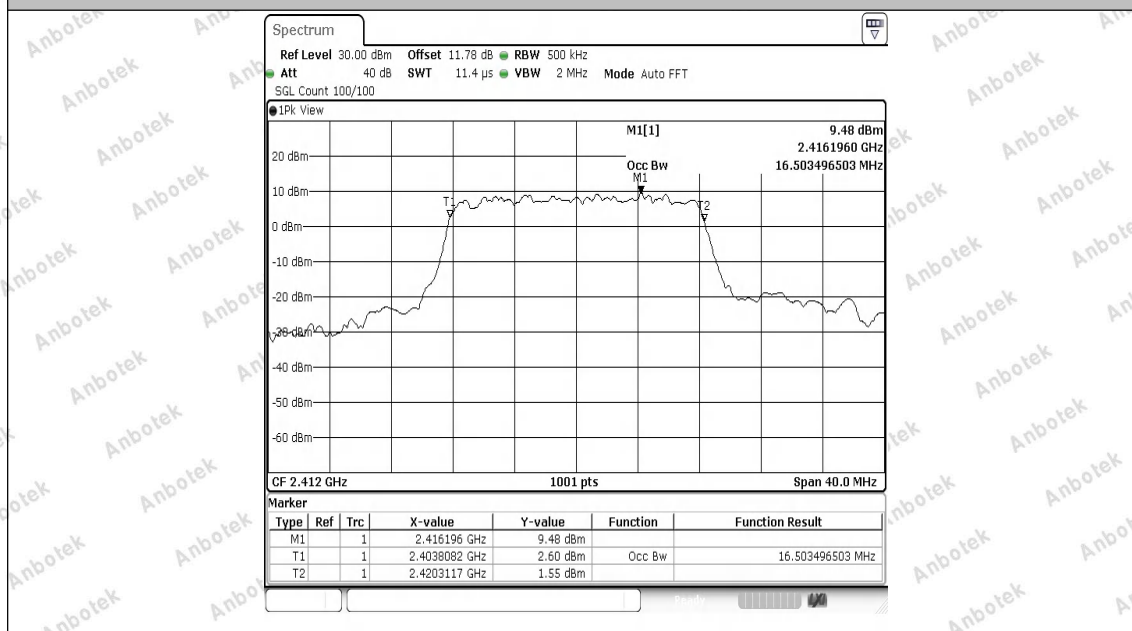


Test Graphs





11B-Ant1-2462

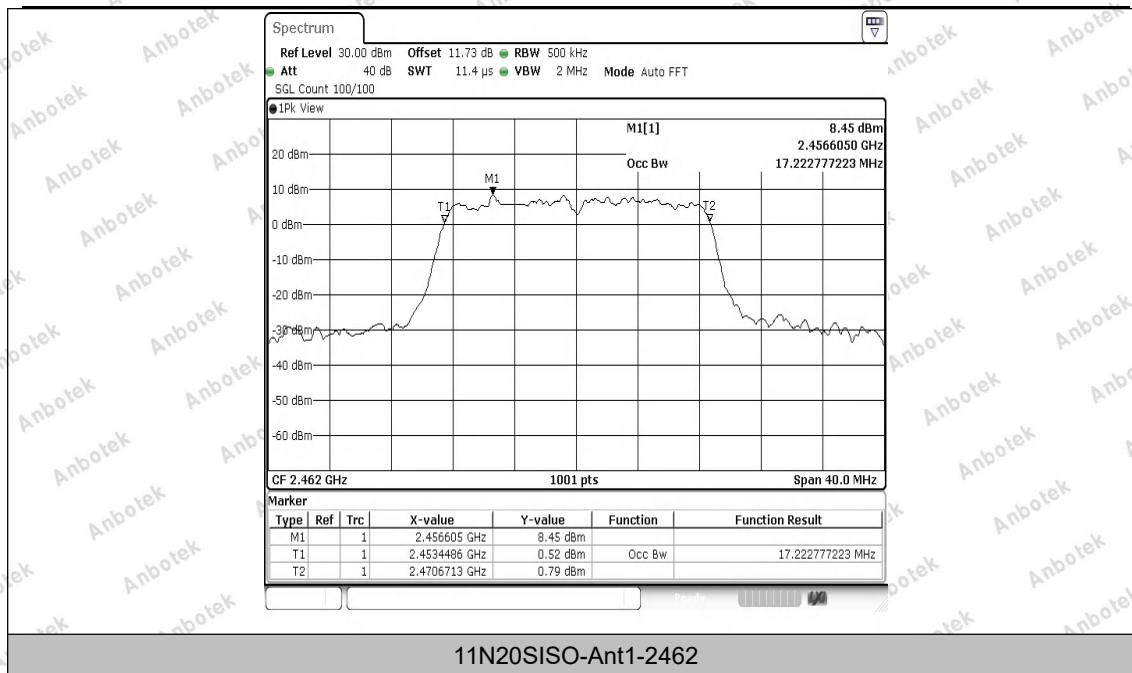


11G-Ant1-2412









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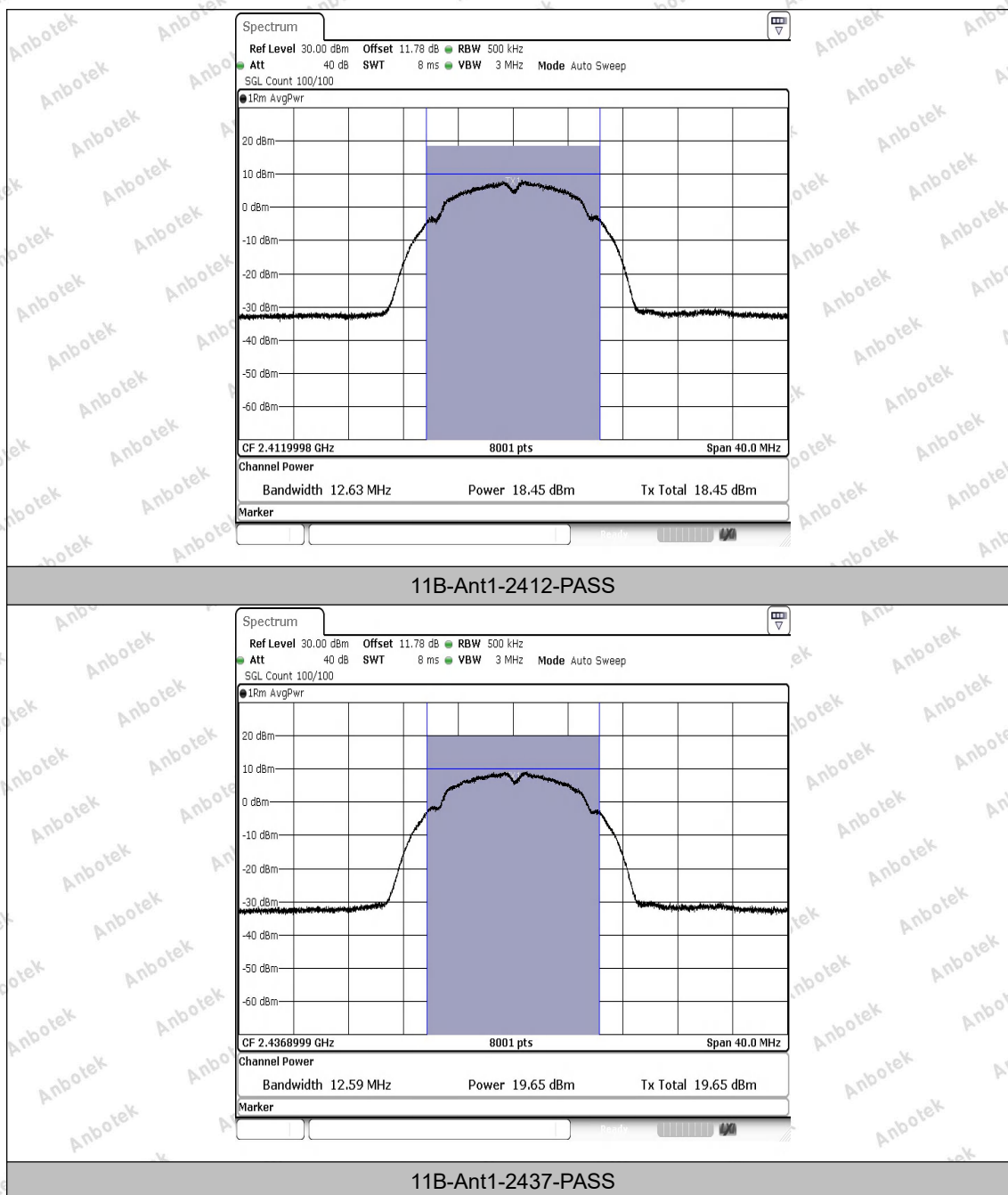
Appendix C: Maximum conducted output power

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	18.45	100.00	0.00	18.45	≤30.00	PASS
11B	Ant1	2437	NA	19.65	100.00	0.00	19.65	≤30.00	PASS
11B	Ant1	2462	NA	17.64	100.00	0.00	17.64	≤30.00	PASS
11G	Ant1	2412	NA	16.82	99.64	0.02	16.84	≤30.00	PASS
11G	Ant1	2437	NA	17.94	99.64	0.02	17.96	≤30.00	PASS
11G	Ant1	2462	NA	17.48	99.64	0.02	17.50	≤30.00	PASS
11N20SISO	Ant1	2412	NA	14.70	99.41	0.03	14.73	≤30.00	PASS
11N20SISO	Ant1	2437	NA	15.86	99.61	0.02	15.88	≤30.00	PASS
11N20SISO	Ant1	2462	NA	15.56	99.41	0.03	15.59	≤30.00	PASS



Test Graphs Average



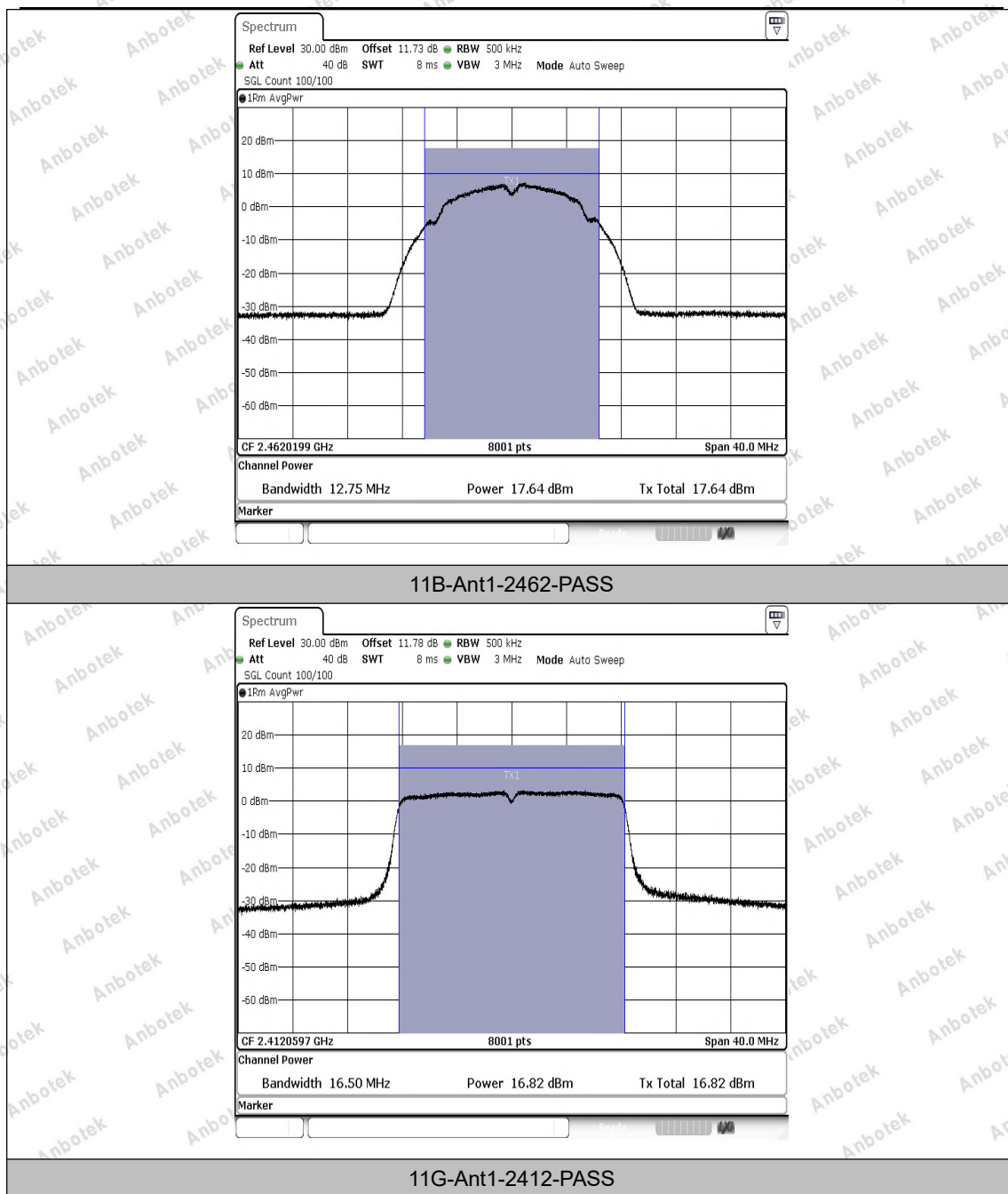
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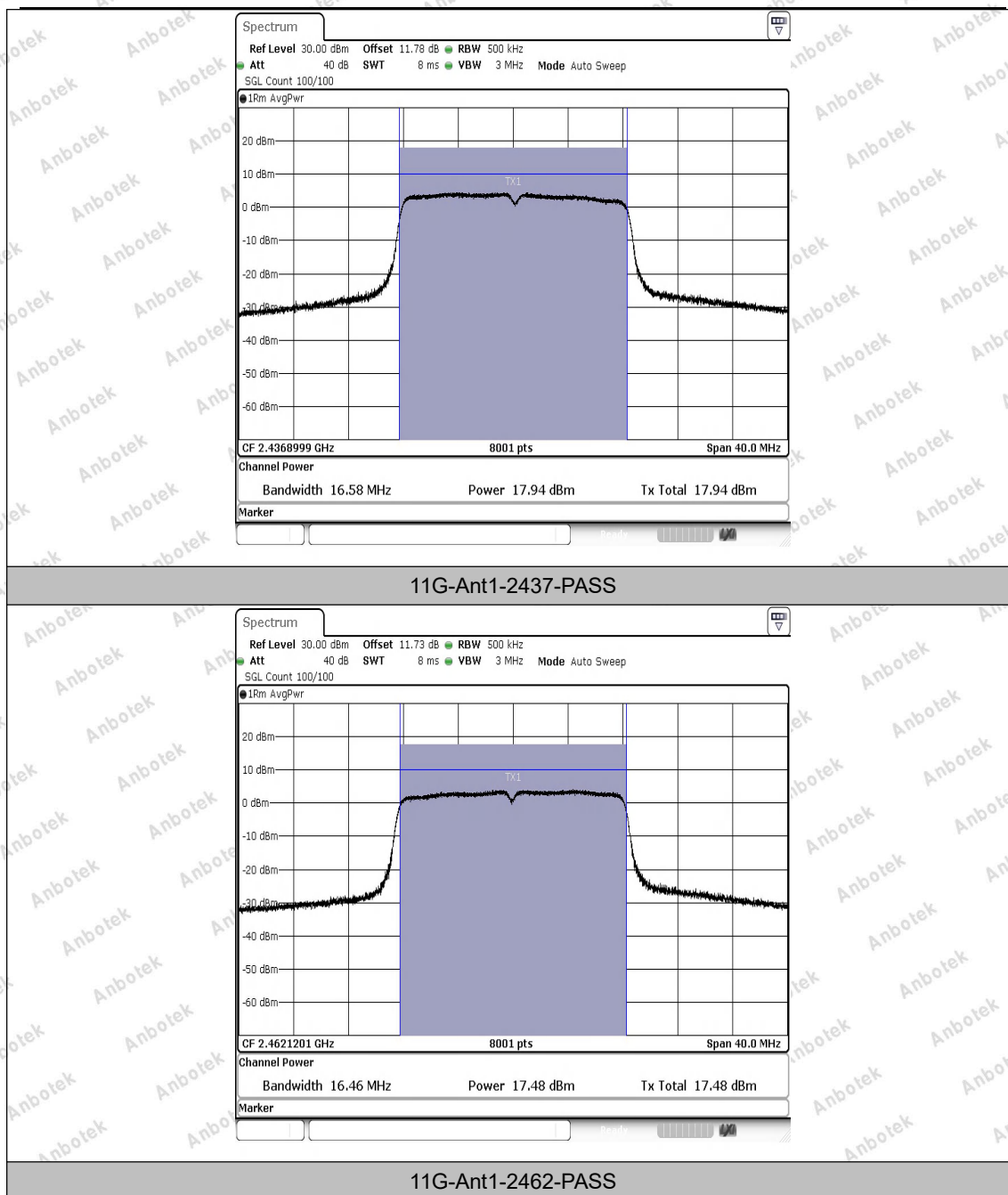
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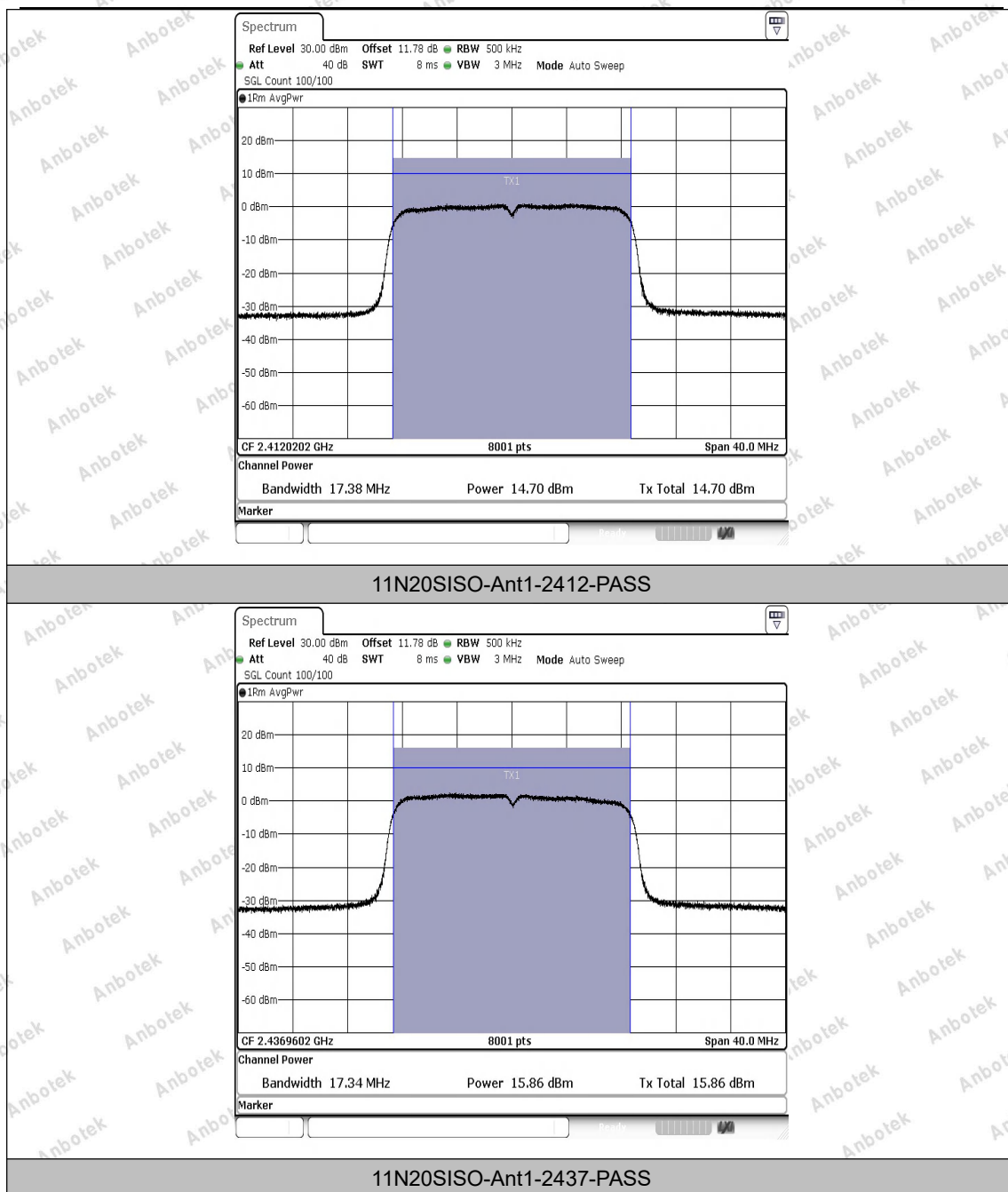


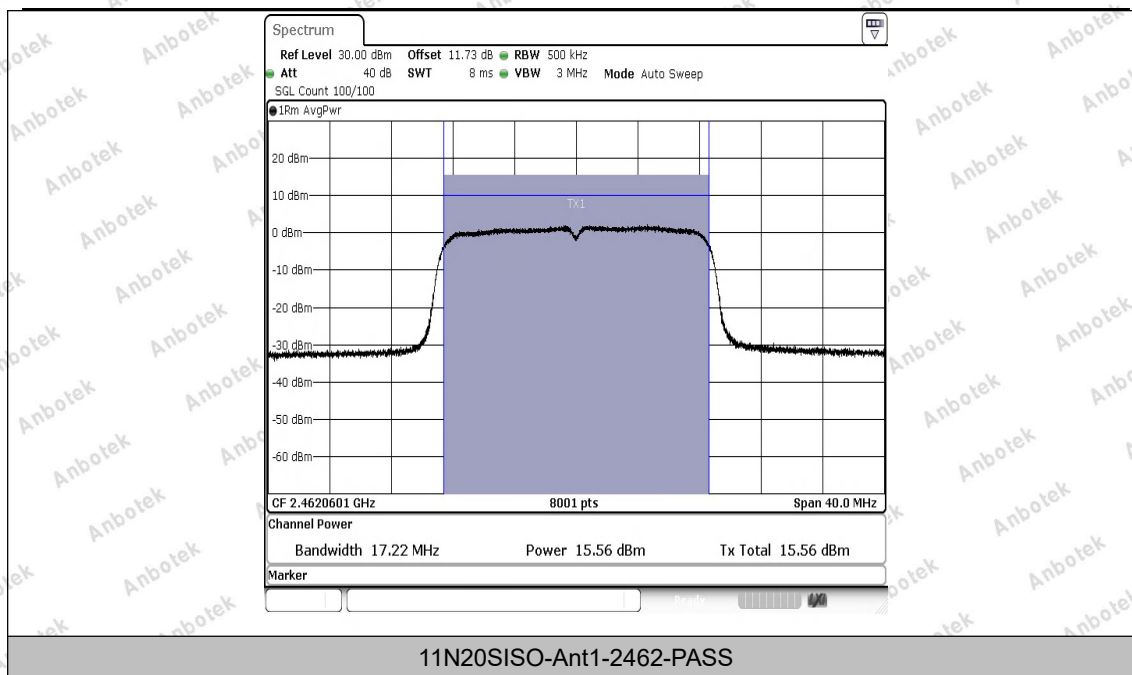
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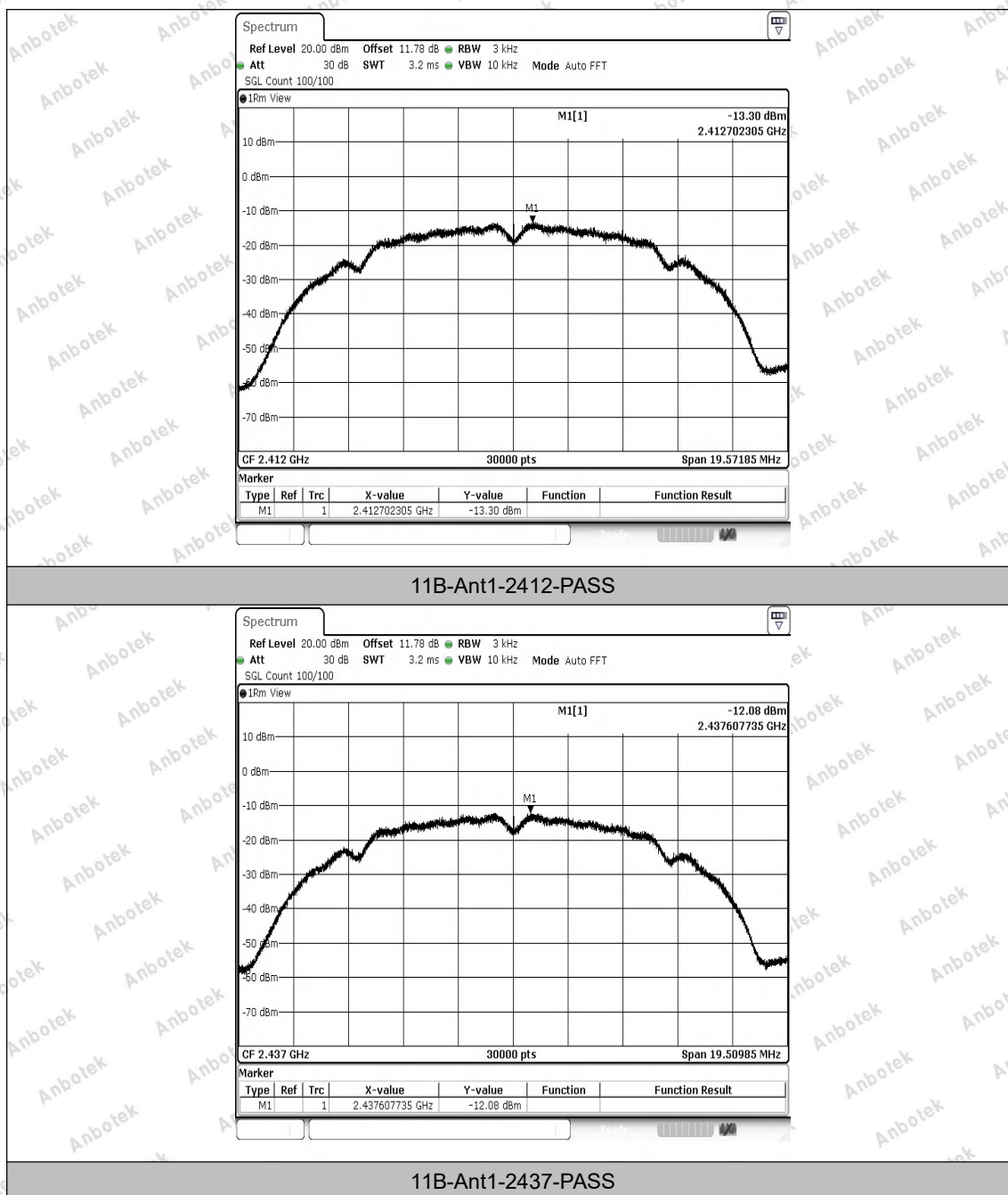
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-13.30	≤8.00	PASS
11B	Ant1	2437	-12.08	≤8.00	PASS
11B	Ant1	2462	-12.21	≤8.00	PASS
11G	Ant1	2412	-14.89	≤8.00	PASS
11G	Ant1	2437	-13.75	≤8.00	PASS
11G	Ant1	2462	-14.21	≤8.00	PASS
11N20SISO	Ant1	2412	-17.65	≤8.00	PASS
11N20SISO	Ant1	2437	-16.57	≤8.00	PASS
11N20SISO	Ant1	2462	-17.13	≤8.00	PASS



Test Graphs



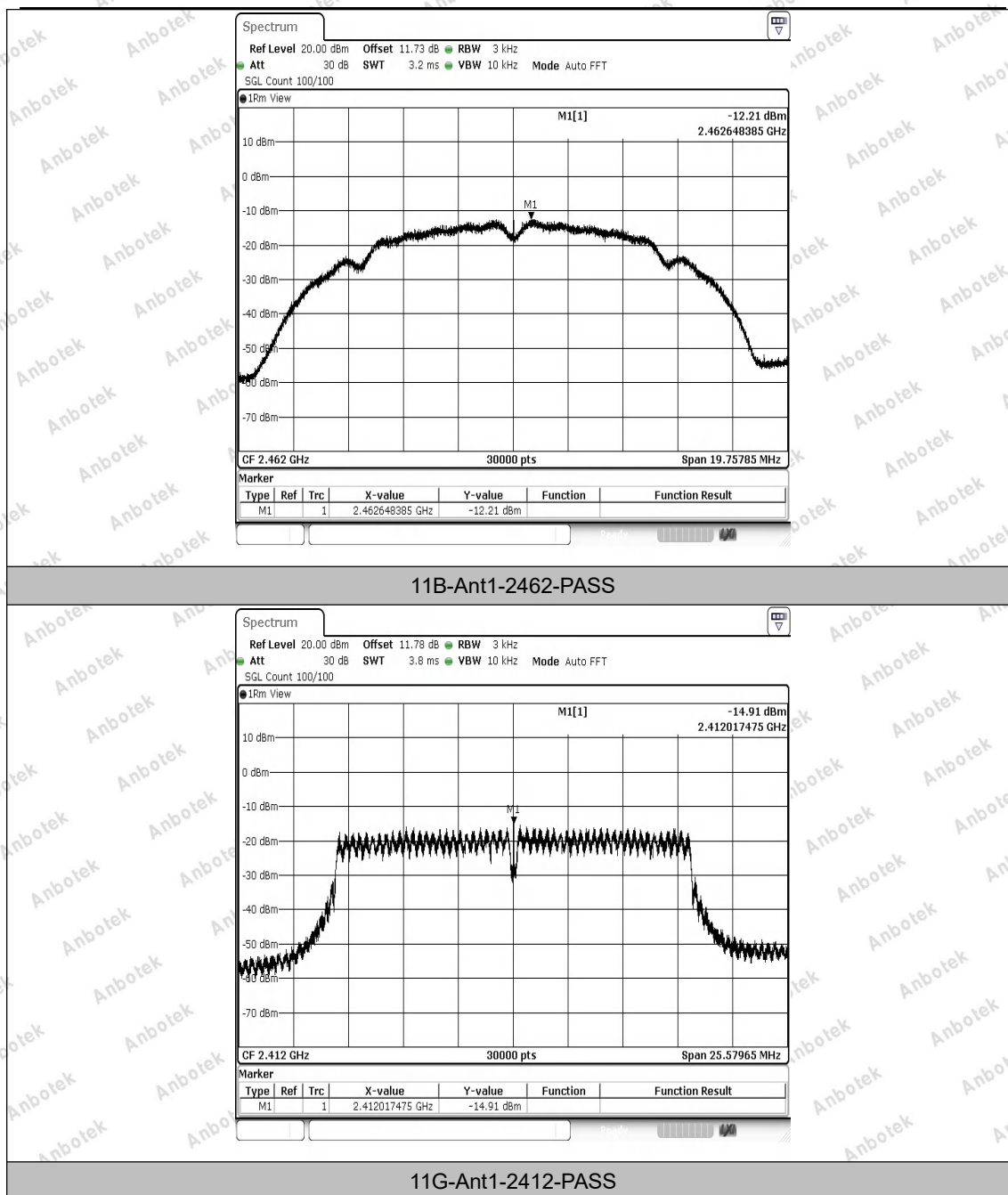
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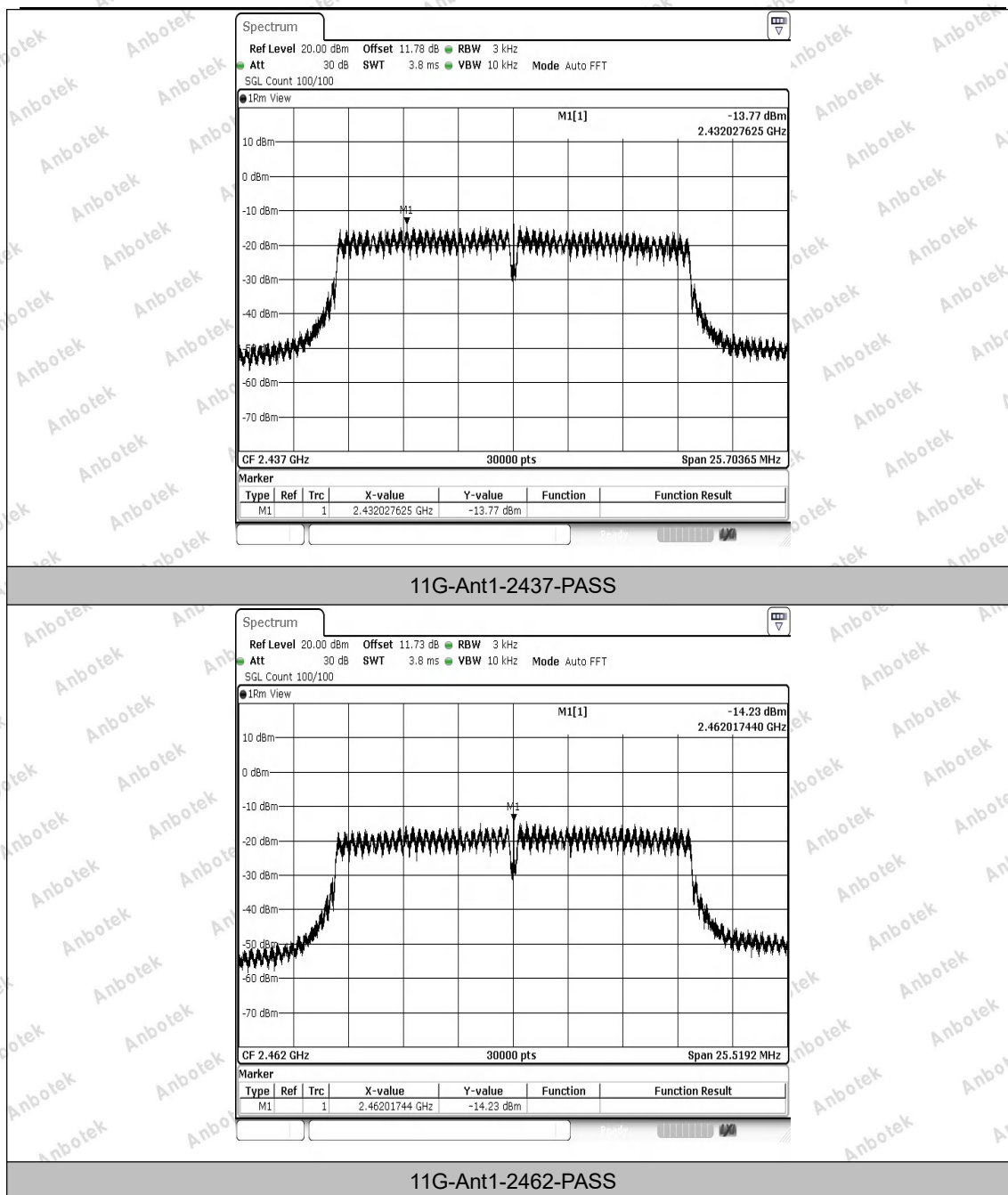
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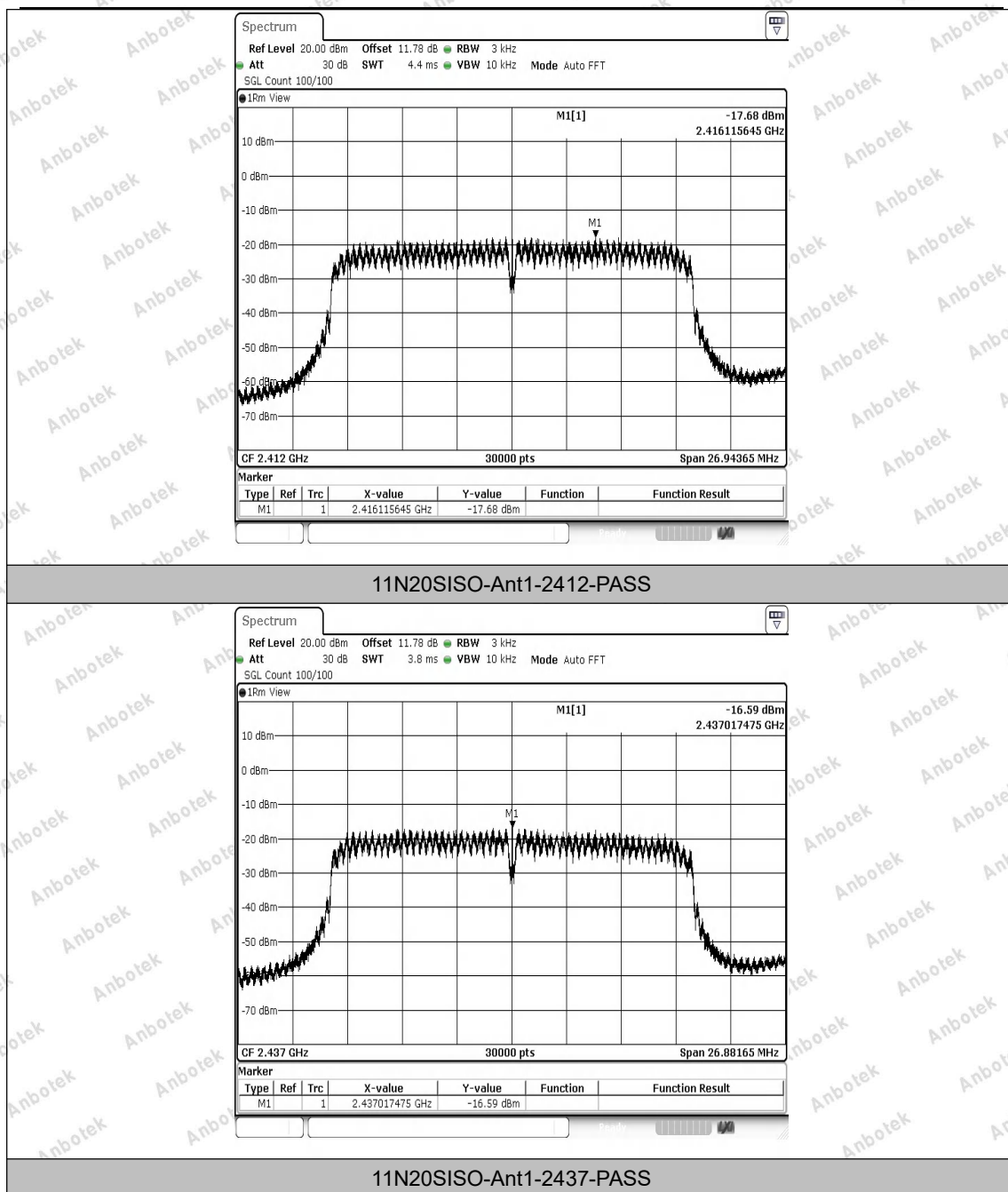
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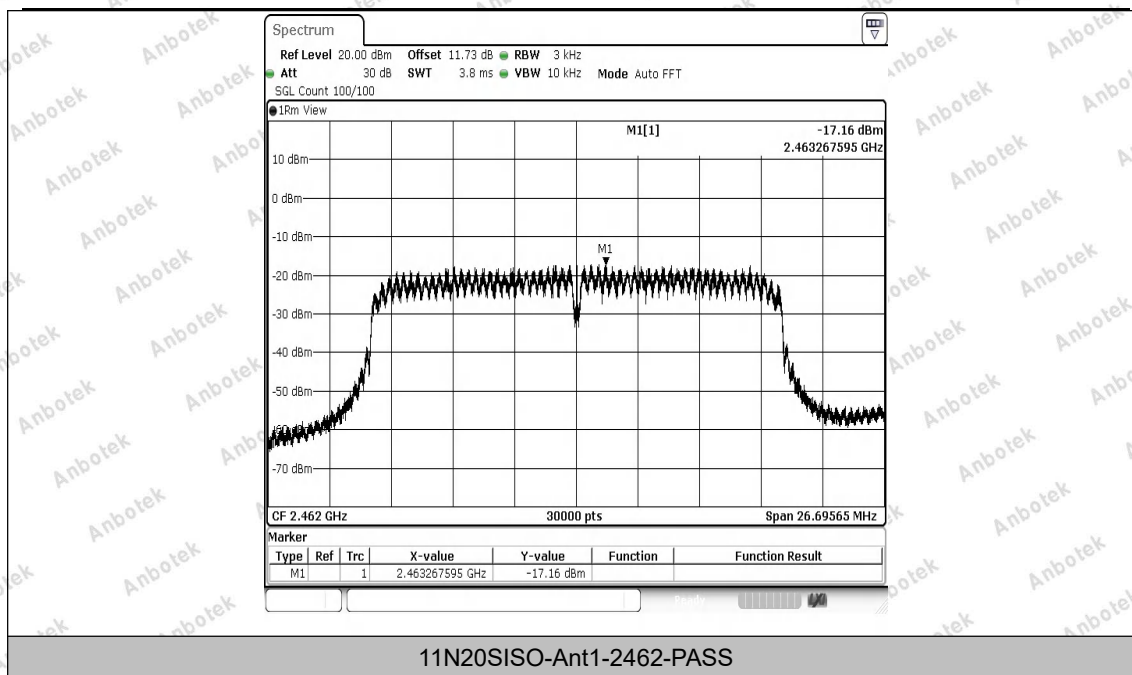
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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	9.09	-39.72	≤-20.91	PASS
11B	Ant1	High	2462	9.86	-44.06	≤-20.14	PASS
11G	Ant1	Low	2412	2.77	-30.31	≤-27.23	PASS
11G	Ant1	High	2462	3.40	-33.69	≤-26.6	PASS
11N20SISO	Ant1	Low	2412	2.23	-39.63	≤-27.77	PASS
11N20SISO	Ant1	High	2462	1.60	-40.13	≤-28.4	PASS

