

Appendix Test Data

Report No:	1812C40076212502	Test Sample NO:	1-2-2
Start Test Date:	2024.9.30	Finish Test Date:	2024.9.30
Test Engineer:	Joker Huang	Auditor:	Justin Feng
Temperature:	24.3°C	Relative Humidity:	56%
Pressure:	101 kPa		

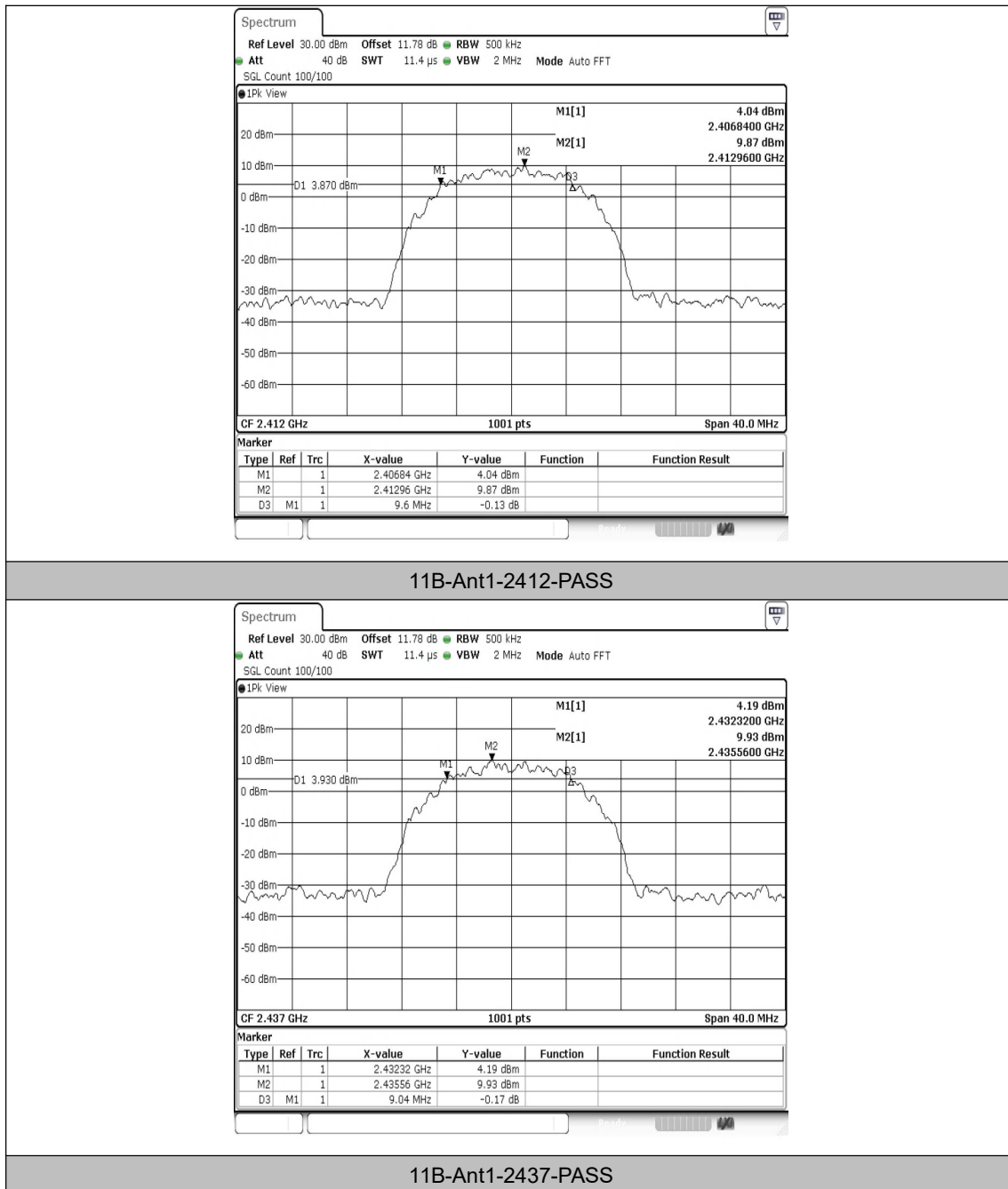
Appendix A: DTS Bandwidth

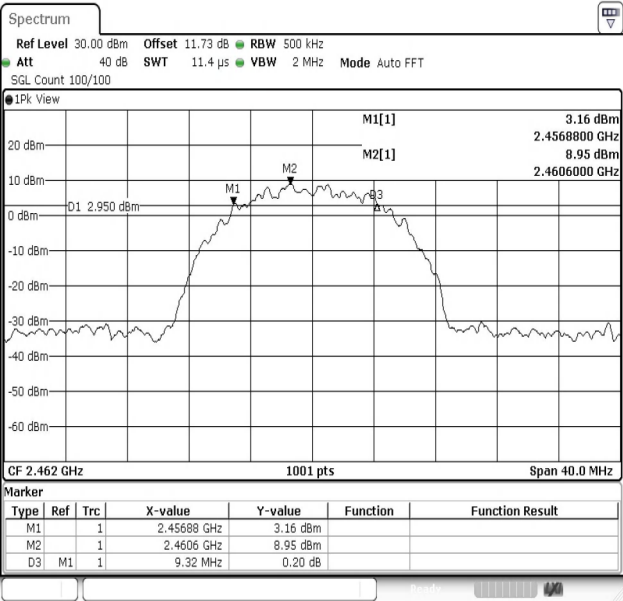
Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.60	2406.84	2416.44	0.5	PASS
11B	Ant1	2437	9.04	2432.32	2441.36	0.5	PASS
11B	Ant1	2462	9.32	2456.88	2466.20	0.5	PASS
11G	Ant1	2412	16.16	2403.88	2420.04	0.5	PASS
11G	Ant1	2437	16.28	2428.92	2445.20	0.5	PASS
11G	Ant1	2462	16.20	2453.88	2470.08	0.5	PASS
11N20SISO	Ant1	2412	16.88	2403.60	2420.48	0.5	PASS
11N20SISO	Ant1	2437	16.36	2428.76	2445.12	0.5	PASS
11N20SISO	Ant1	2462	16.20	2453.88	2470.08	0.5	PASS
11N40SISO	Ant1	2422	31.04	2406.16	2437.20	0.5	PASS
11N40SISO	Ant1	2437	31.12	2421.40	2452.52	0.5	PASS
11N40SISO	Ant1	2452	30.40	2436.96	2467.36	0.5	PASS

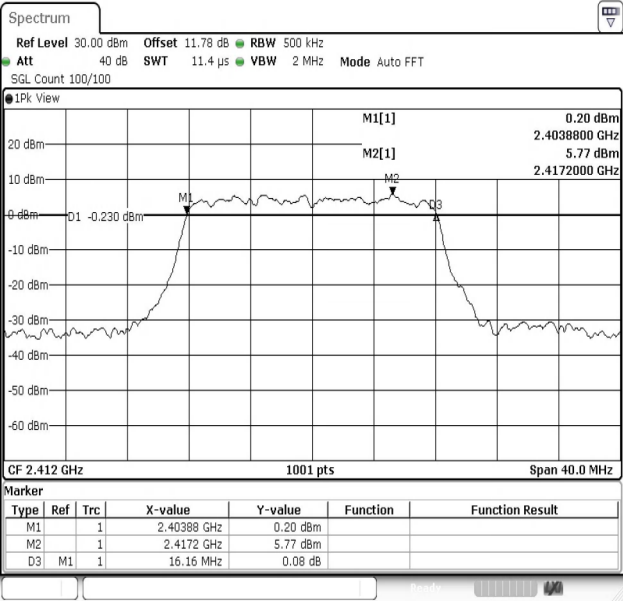


Test Graphs



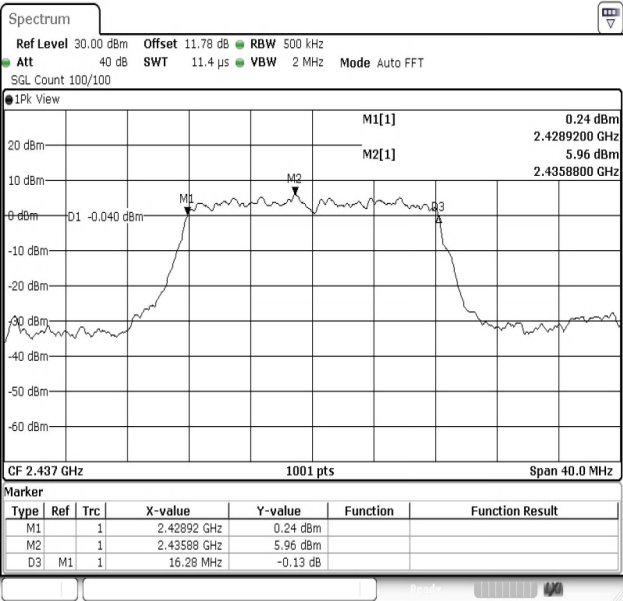


11B-Ant1-2462-PASS

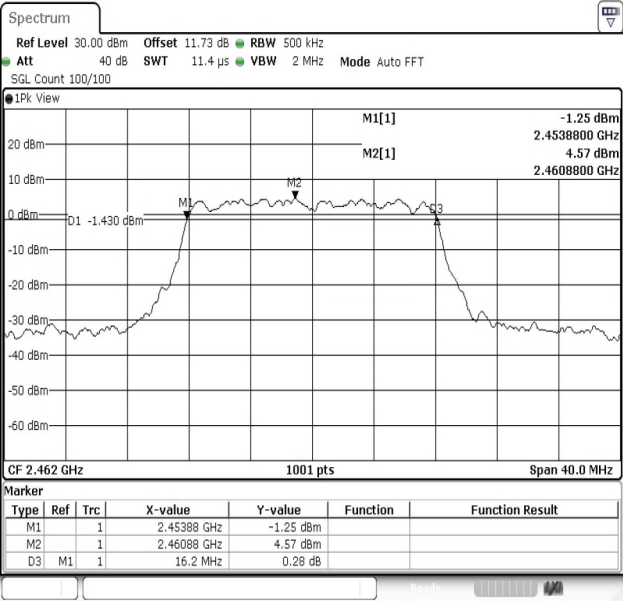


11G-Ant1-2412-PASS



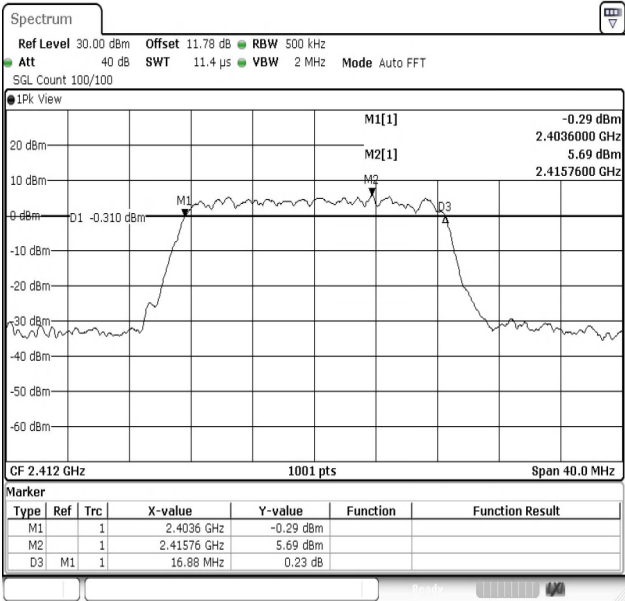


11G-Ant1-2437-PASS

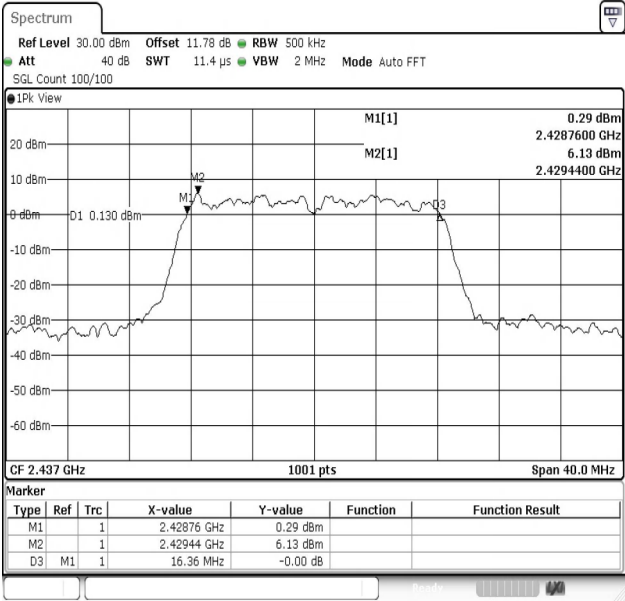


11G-Ant1-2462-PASS



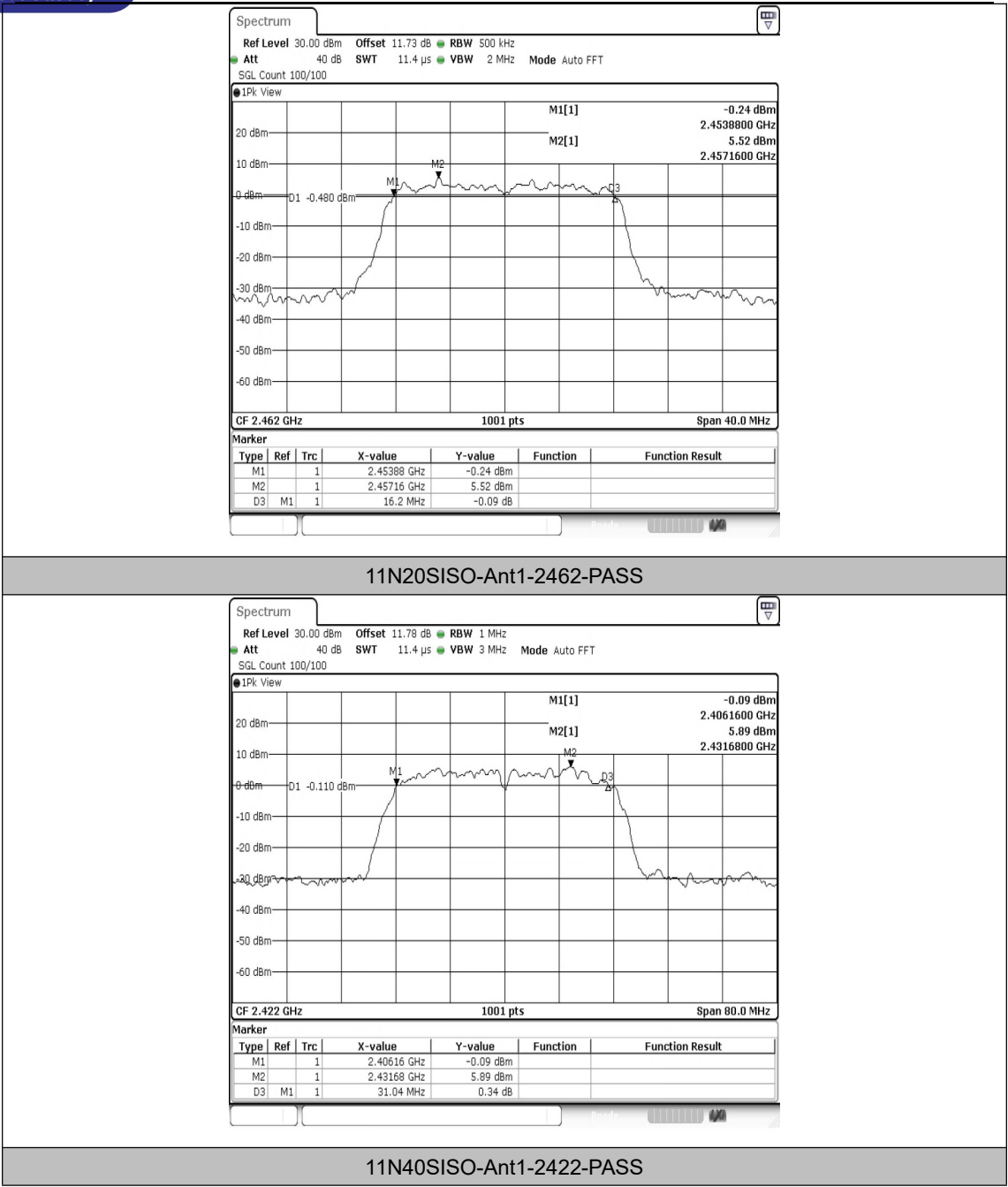


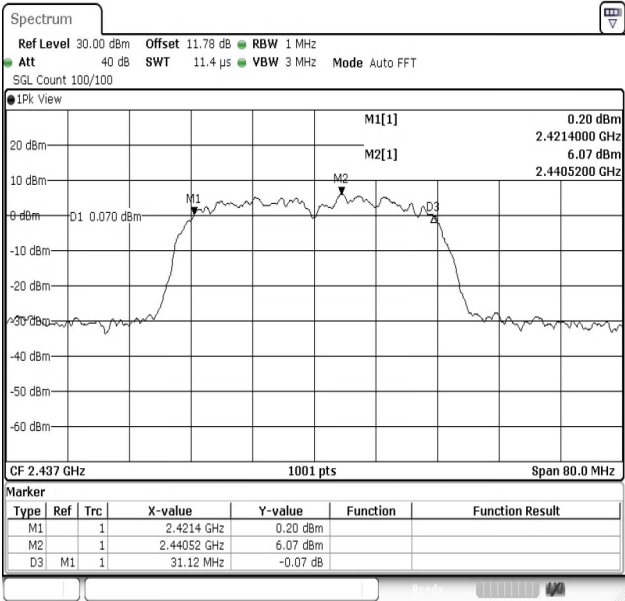
11N20SISO-Ant1-2412-PASS



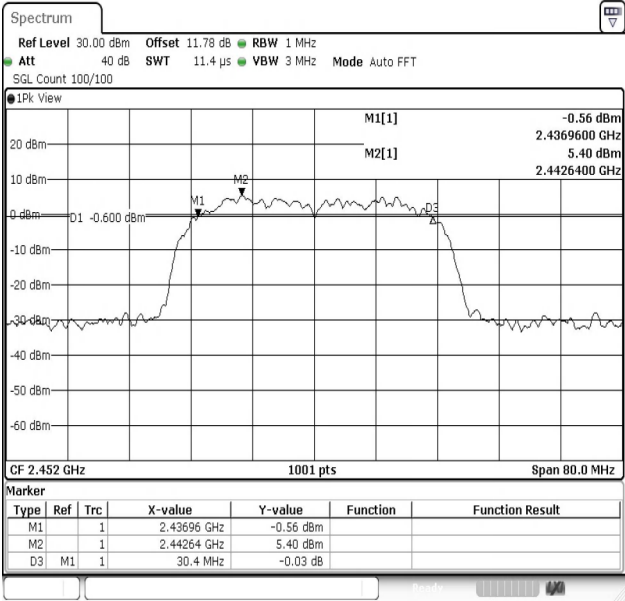
11N20SISO-Ant1-2437-PASS







11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS



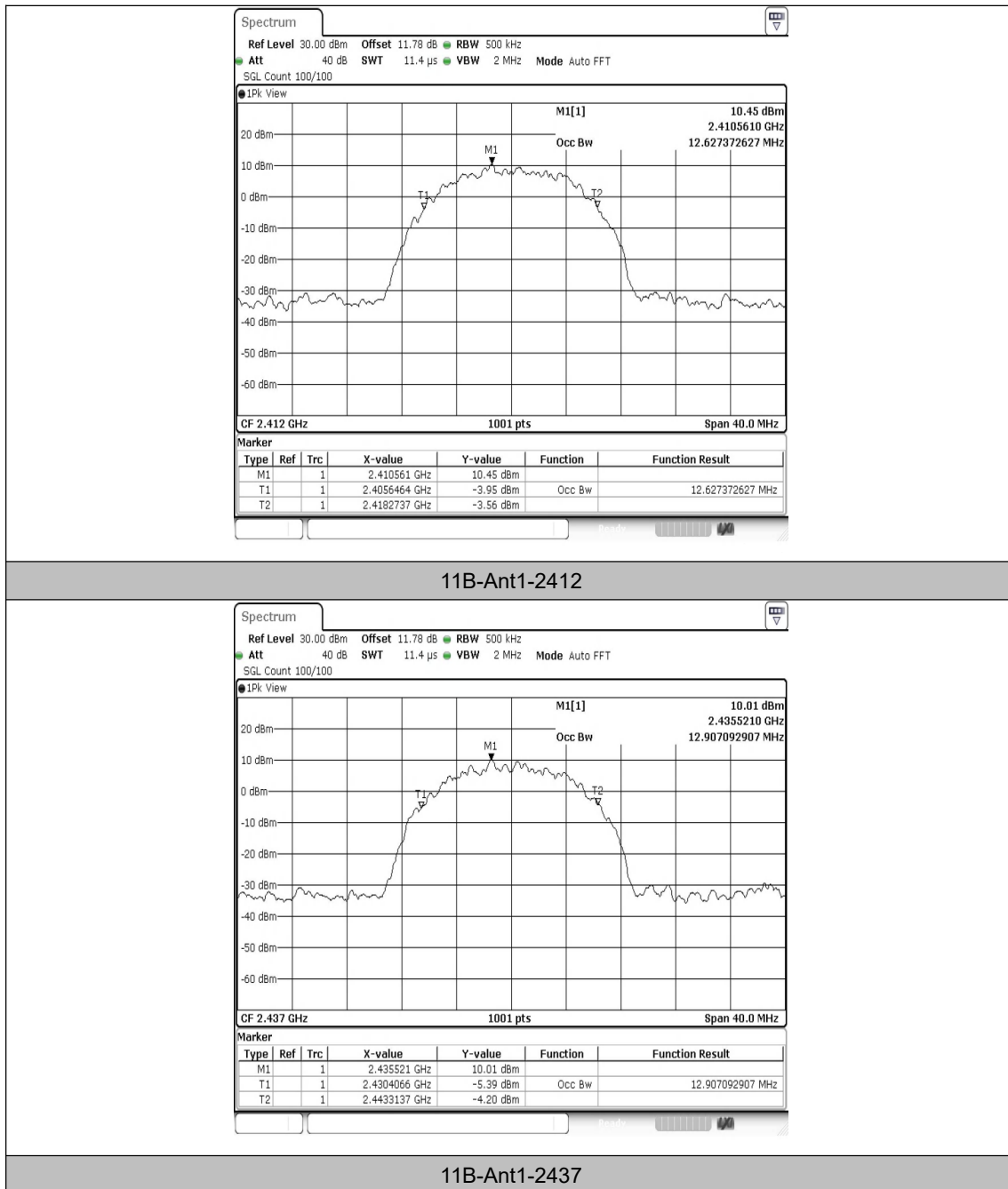
Appendix B: Occupied Channel Bandwidth

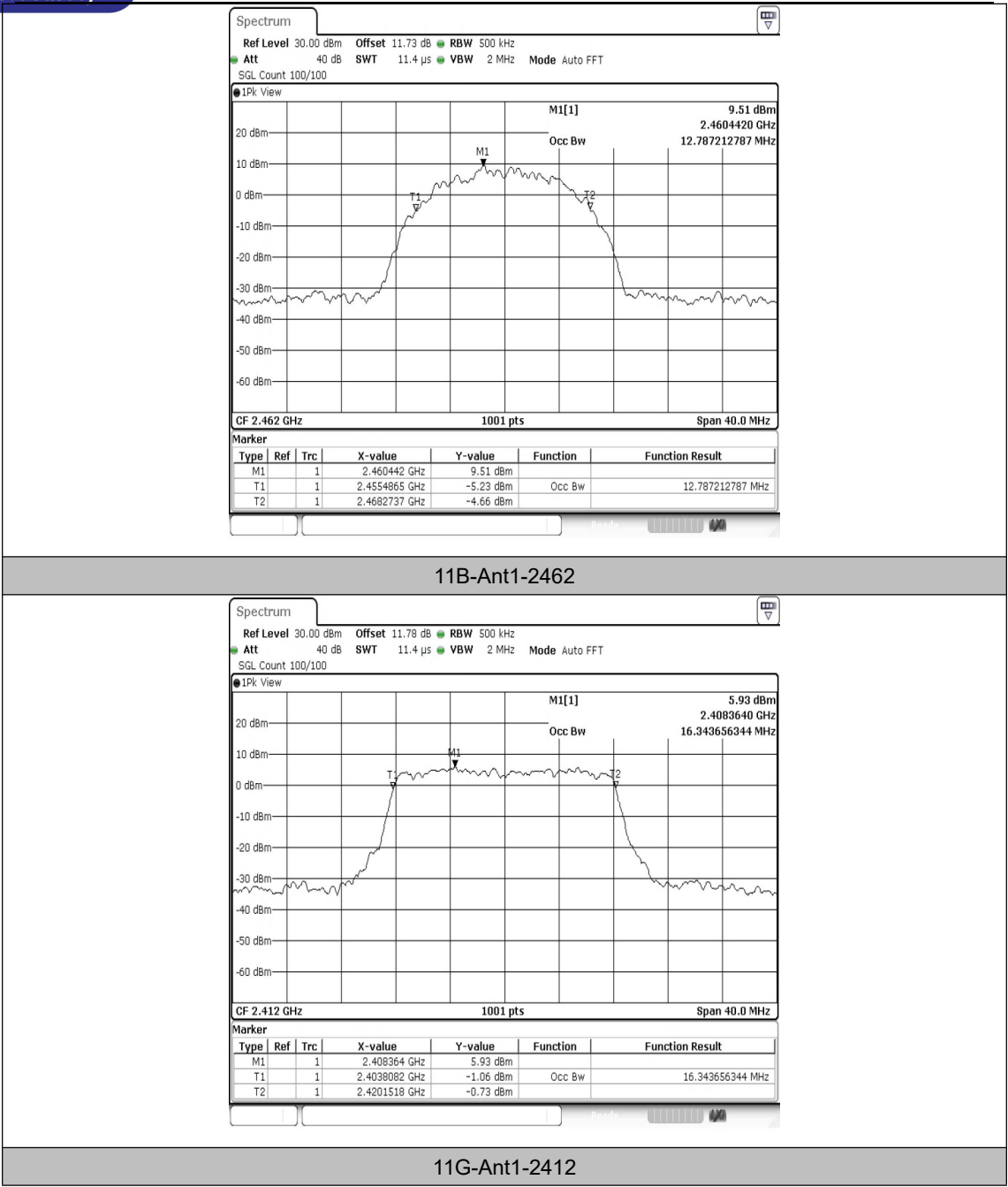
Test Result

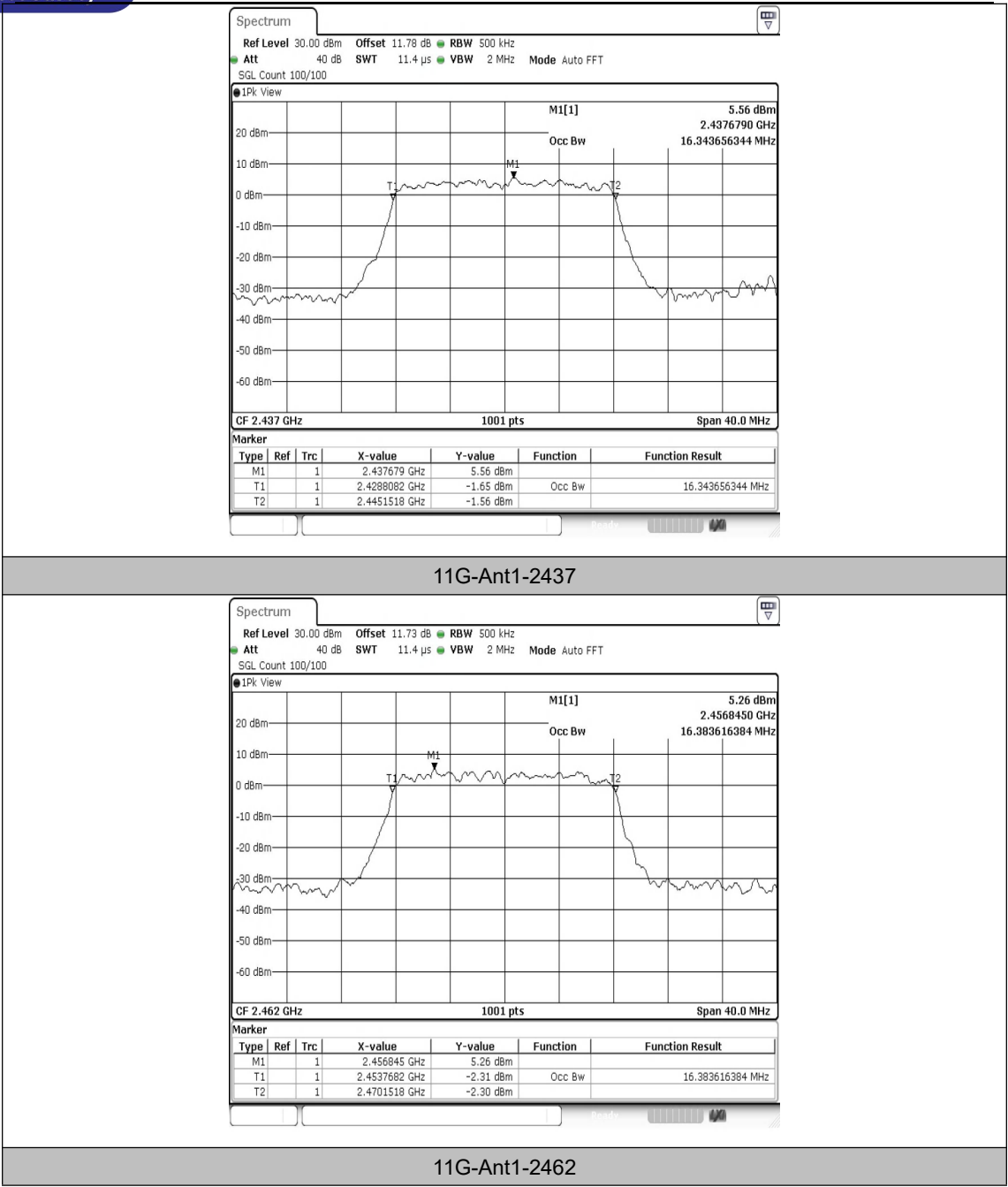
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.627	2405.6464	2418.2737	---	---
11B	Ant1	2437	12.907	2430.4066	2443.3137	---	---
11B	Ant1	2462	12.787	2455.4865	2468.2737	---	---
11G	Ant1	2412	16.344	2403.8082	2420.1518	---	---
11G	Ant1	2437	16.344	2428.8082	2445.1518	---	---
11G	Ant1	2462	16.384	2453.7682	2470.1518	---	---
11N20SISO	Ant1	2412	17.103	2403.4086	2420.5115	---	---
11N20SISO	Ant1	2437	17.143	2428.3686	2445.5115	---	---
11N20SISO	Ant1	2462	17.143	2453.3686	2470.5115	---	---
11N40SISO	Ant1	2422	33.566	2405.2168	2438.7832	---	---
11N40SISO	Ant1	2437	33.407	2420.2967	2453.7033	---	---
11N40SISO	Ant1	2452	33.327	2435.2168	2468.5435	---	---

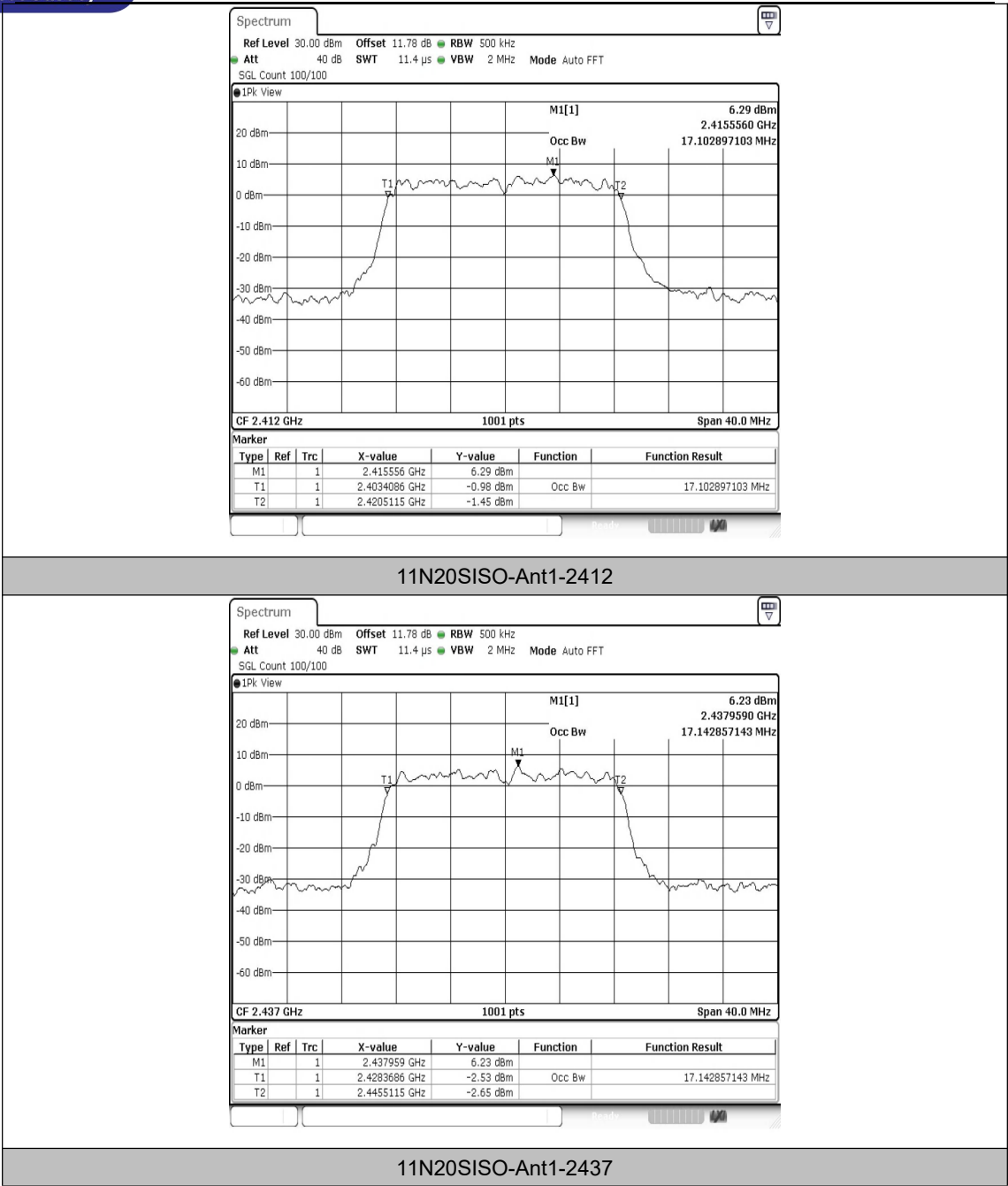


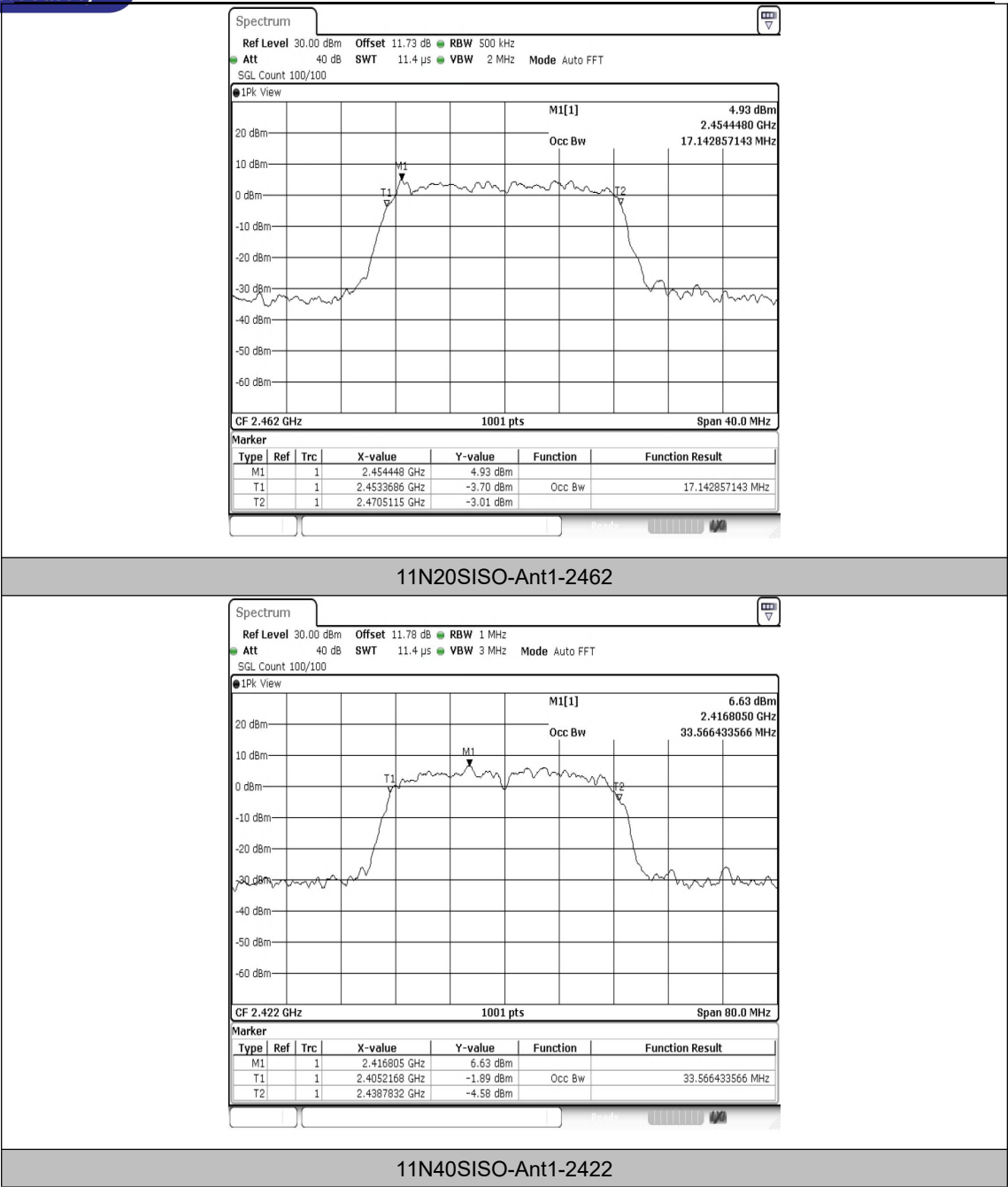
Test Graphs

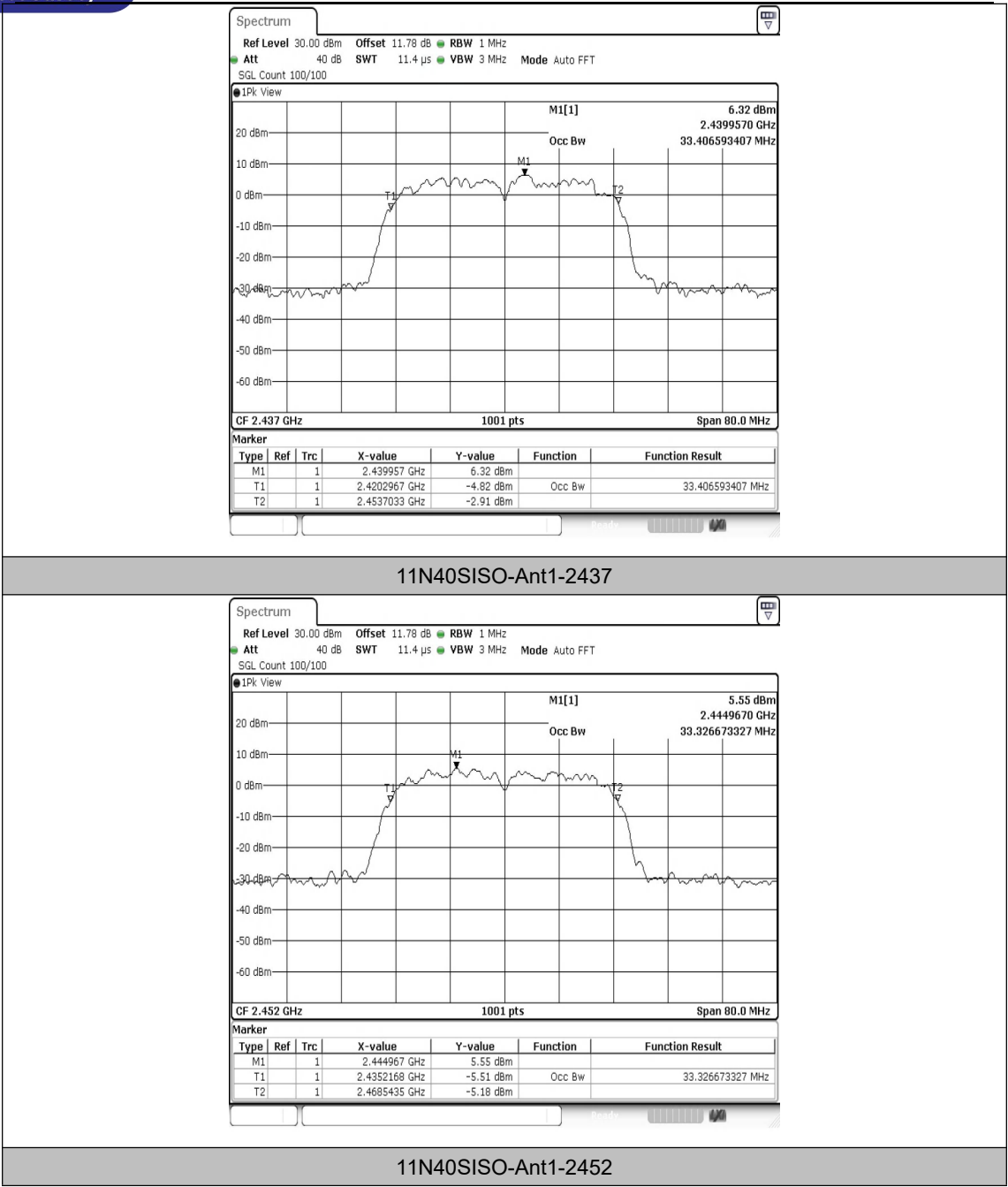












Appendix C: Maximum conducted output power

Test Result Average

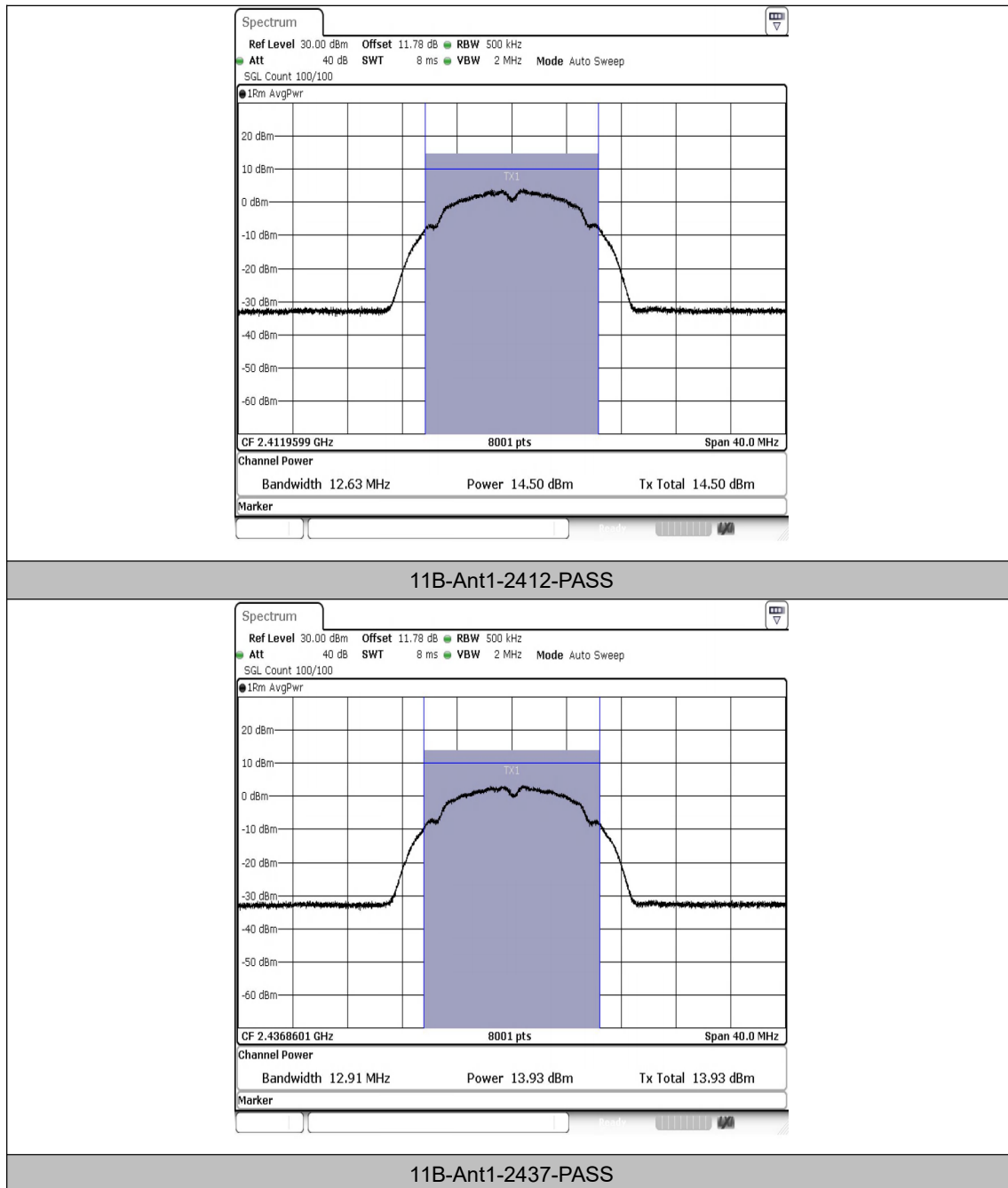
Test Mode	Antenna	Frequency [MHz]	Set Power	Average power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	NA	14.50	100.00	0.00	14.50	≤30.00	PASS
11B	Ant1	2437	NA	13.93	100.00	0.00	13.93	≤30.00	PASS
11B	Ant1	2462	NA	13.23	100.00	0.00	13.23	≤30.00	PASS
11G	Ant1	2412	NA	13.12	100.00	0.00	13.12	≤30.00	PASS
11G	Ant1	2437	NA	12.58	100.00	0.00	12.58	≤30.00	PASS
11G	Ant1	2462	NA	11.95	100.00	0.00	11.95	≤30.00	PASS
11N20SISO	Ant1	2412	NA	12.99	100.00	0.00	12.99	≤30.00	PASS
11N20SISO	Ant1	2437	NA	12.41	100.00	0.00	12.41	≤30.00	PASS
11N20SISO	Ant1	2462	NA	11.73	100.00	0.00	11.73	≤30.00	PASS
11N40SISO	Ant1	2422	NA	12.38	100.00	0.00	12.38	≤30.00	PASS
11N40SISO	Ant1	2437	NA	11.86	100.00	0.00	11.86	≤30.00	PASS
11N40SISO	Ant1	2452	NA	11.45	100.00	0.00	11.45	≤30.00	PASS

Note:

1. The cable loss are compensated in the graph



Test Graphs Average

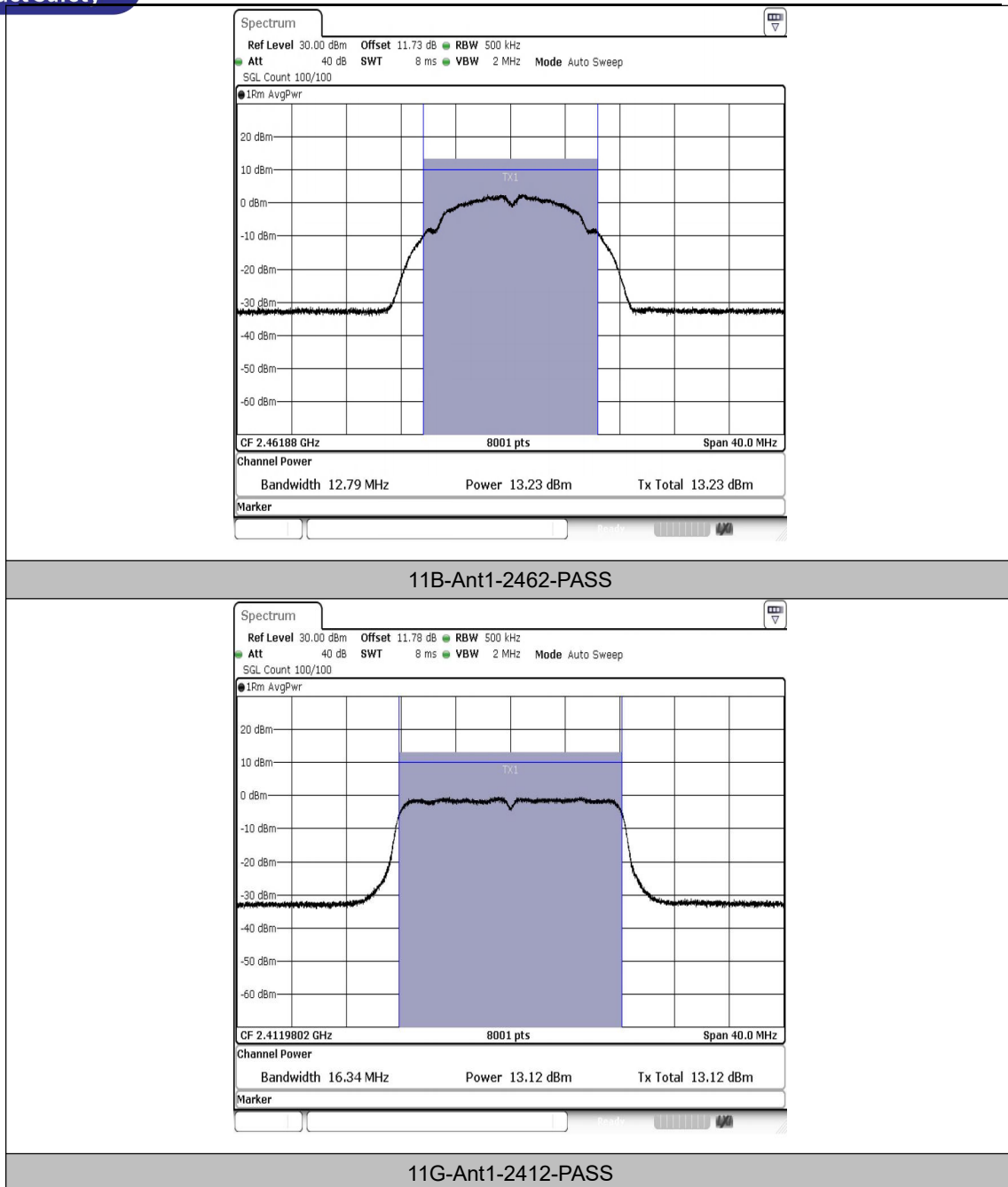


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Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel: (86) 0755-26066440 Email: service@anbotech.com

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400-003-0500
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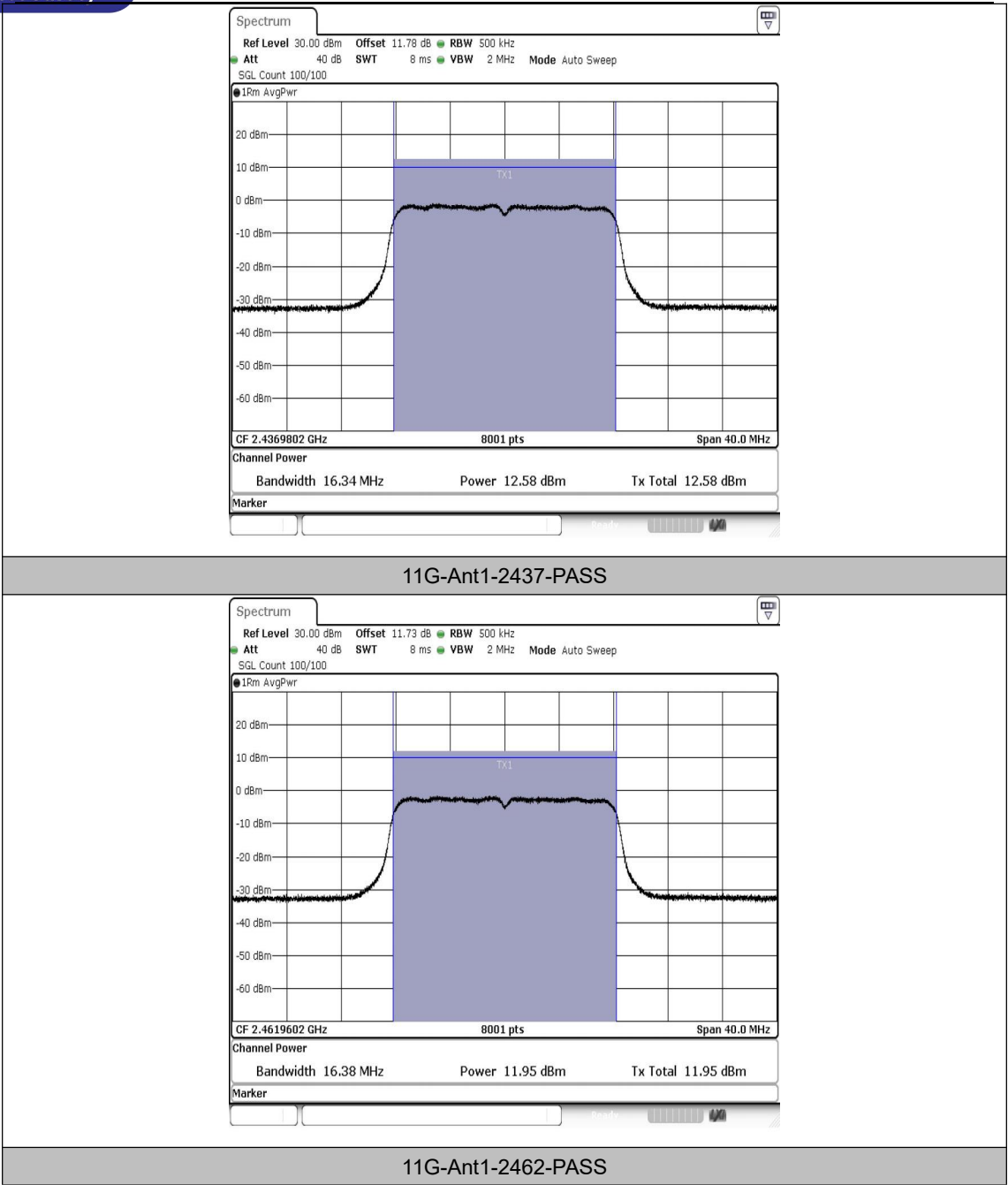


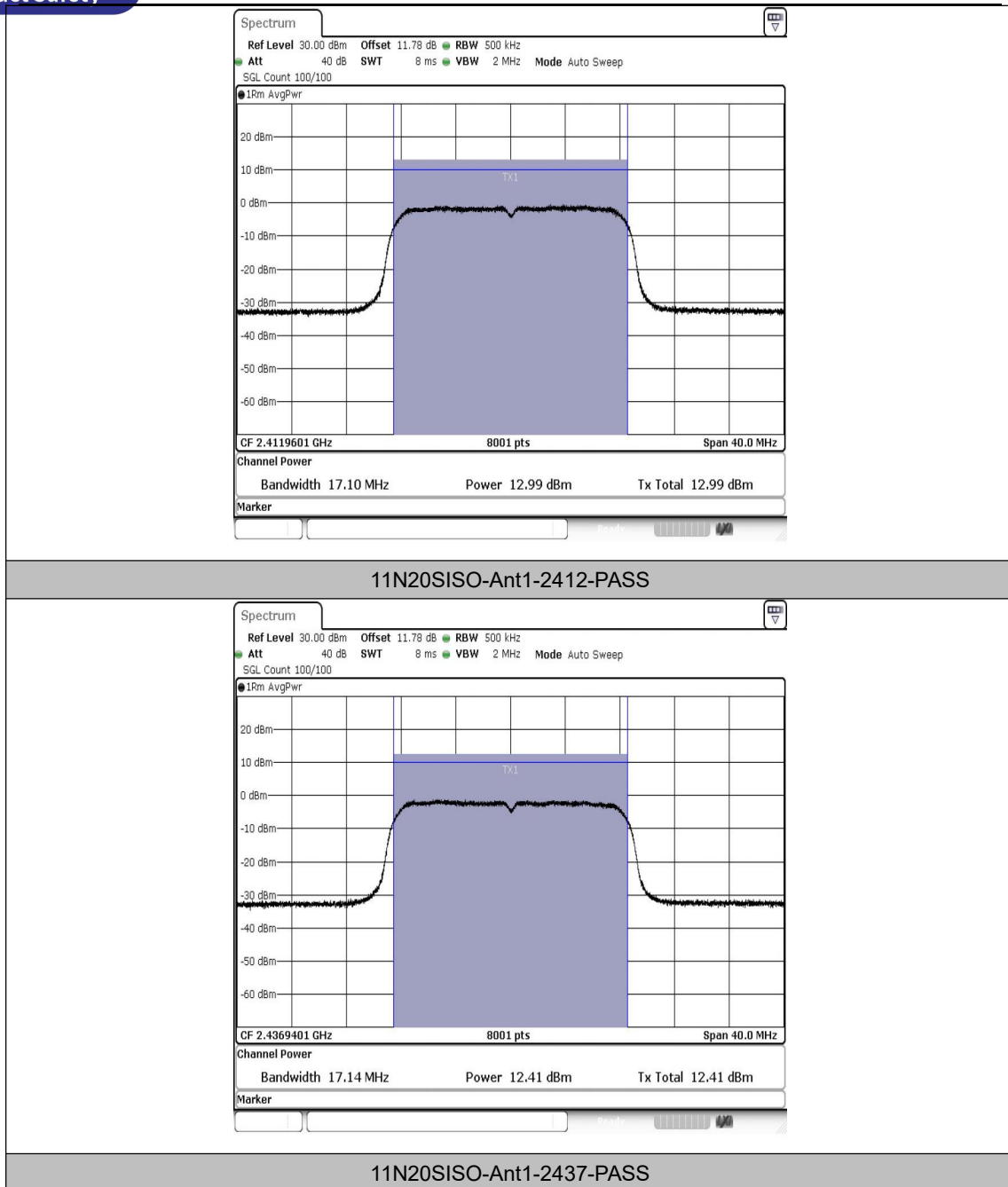
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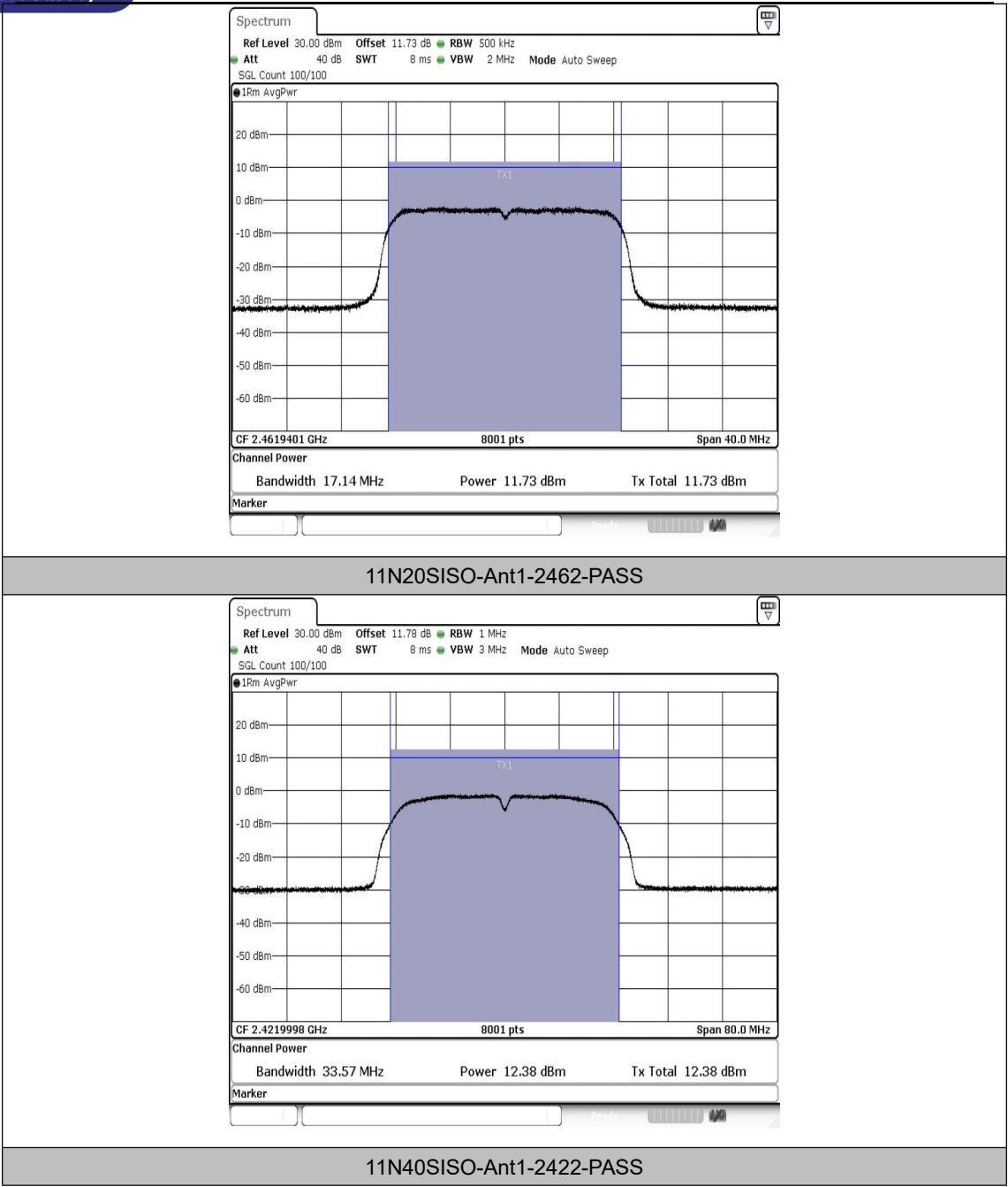


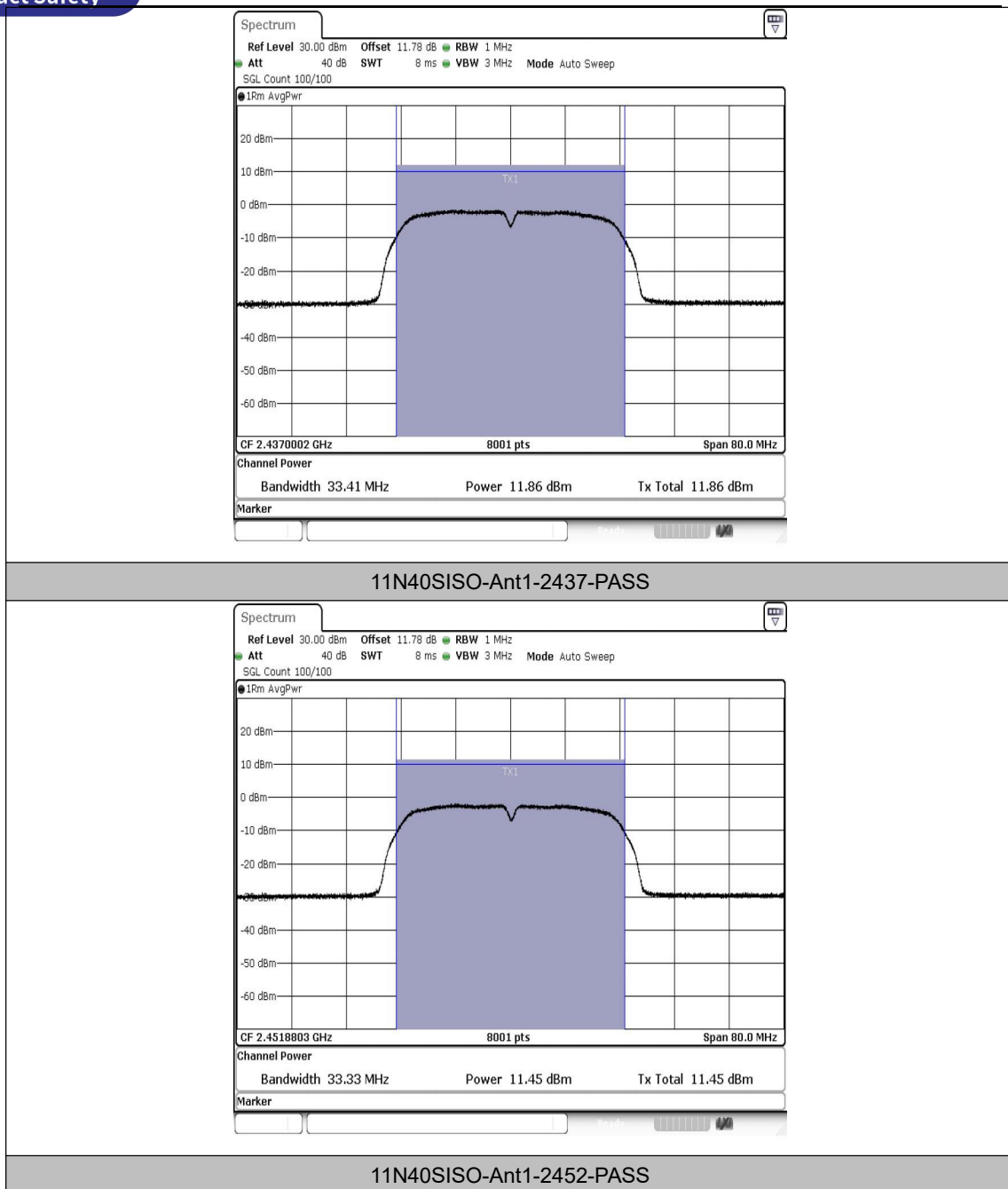
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Appendix D: Maximum power spectral density

Test Result

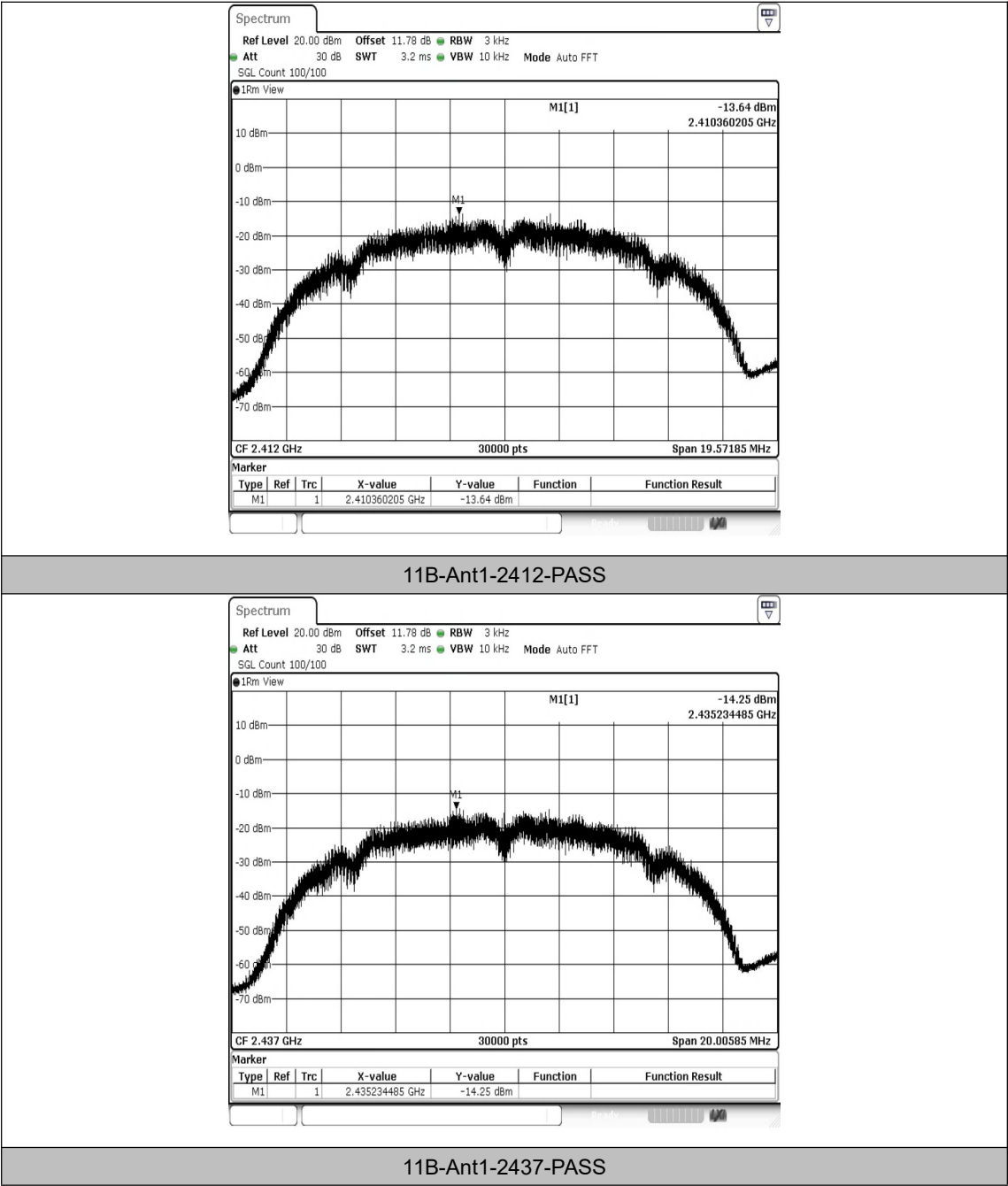
TestMode	Antenna	Frequency[MHz]	Reading Result[dBm/3kHz]	DC Factor [dB]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-13.64	0.00	-13.64	≤8.00	PASS
11B	Ant1	2437	-14.25	0.00	-14.25	≤8.00	PASS
11B	Ant1	2462	-14.98	0.00	-14.98	≤8.00	PASS
11G	Ant1	2412	-17.95	0.00	-17.95	≤8.00	PASS
11G	Ant1	2437	-18.40	0.00	-18.40	≤8.00	PASS
11G	Ant1	2462	-18.05	0.00	-18.05	≤8.00	PASS
11N20SISO	Ant1	2412	-16.99	0.00	-16.99	≤8.00	PASS
11N20SISO	Ant1	2437	-17.58	0.00	-17.58	≤8.00	PASS
11N20SISO	Ant1	2462	-18.17	0.00	-18.17	≤8.00	PASS
11N40SISO	Ant1	2422	-18.73	0.00	-18.73	≤8.00	PASS
11N40SISO	Ant1	2437	-18.69	0.00	-18.69	≤8.00	PASS
11N40SISO	Ant1	2452	-19.10	0.00	-19.10	≤8.00	PASS

Note:

1. The cable loss are compensated in the graph.



Test Graphs

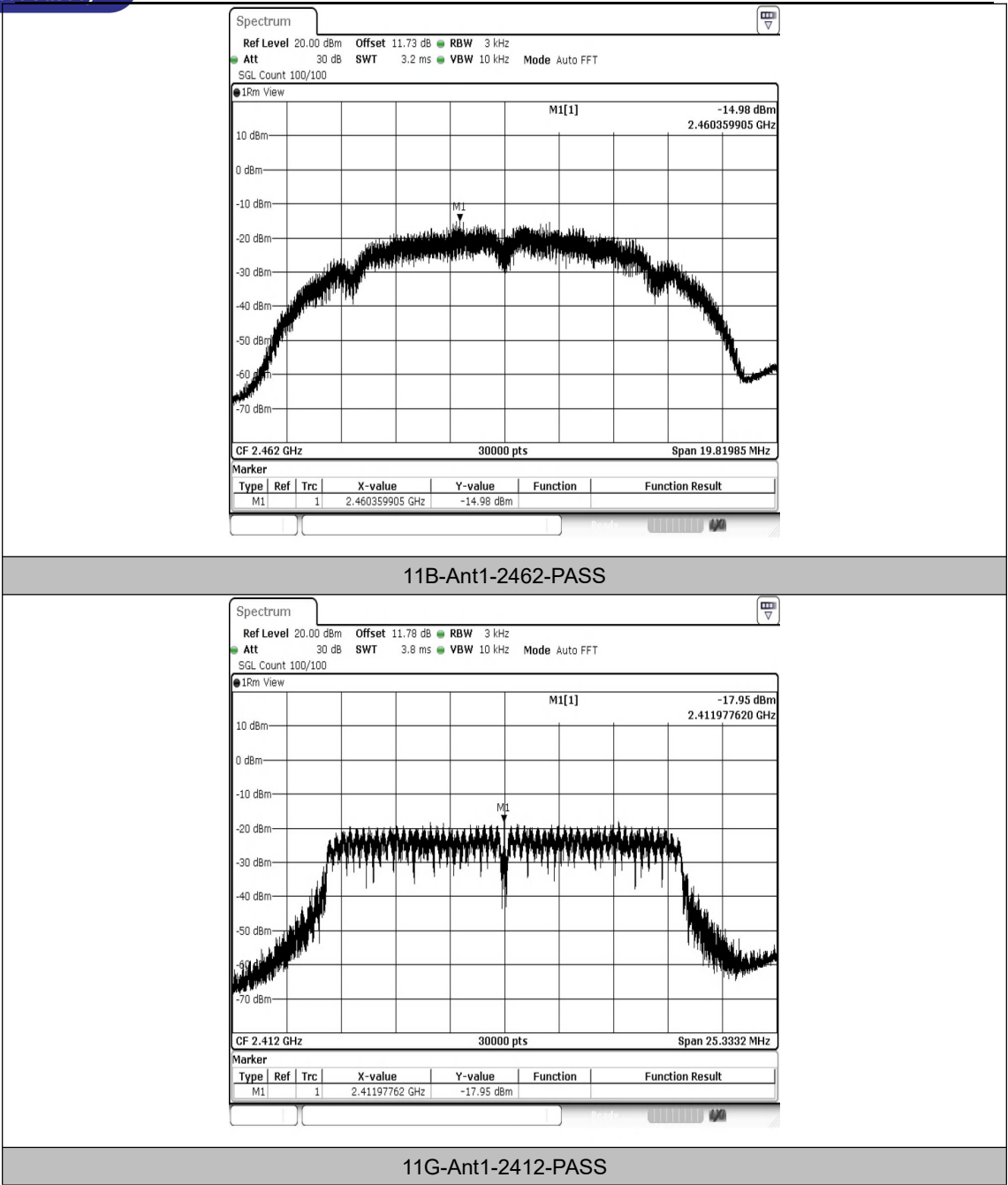


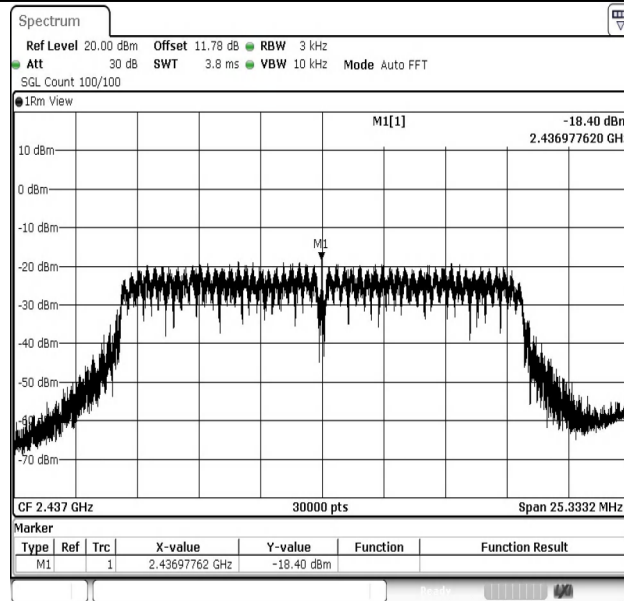
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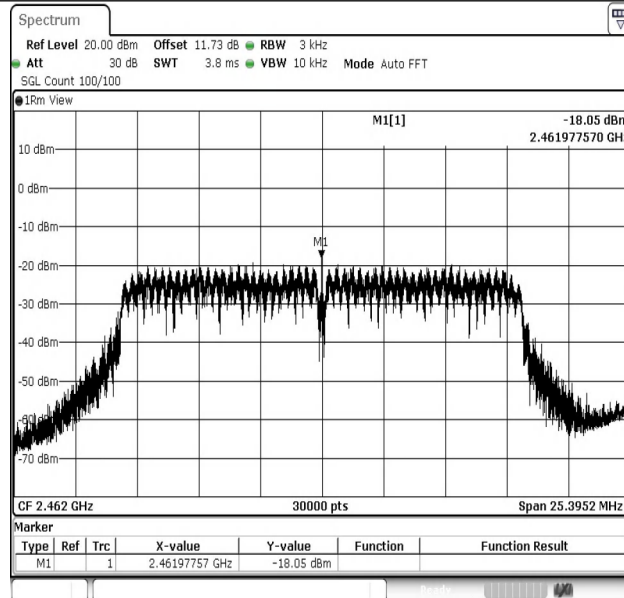
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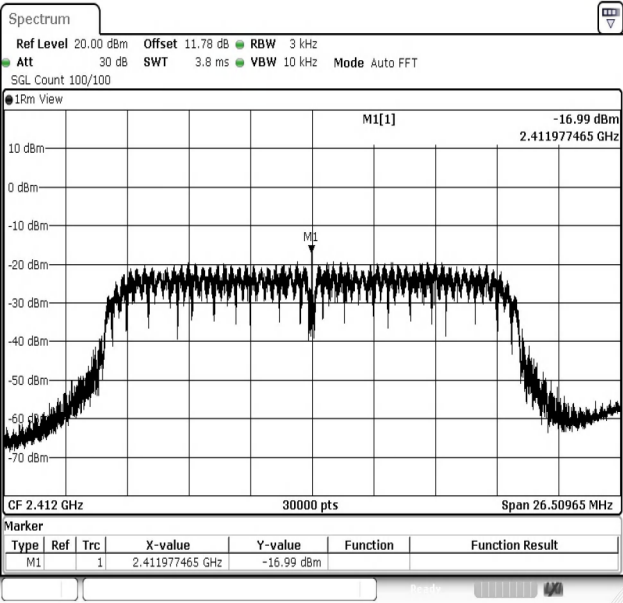


11G-Ant1-2437-PASS

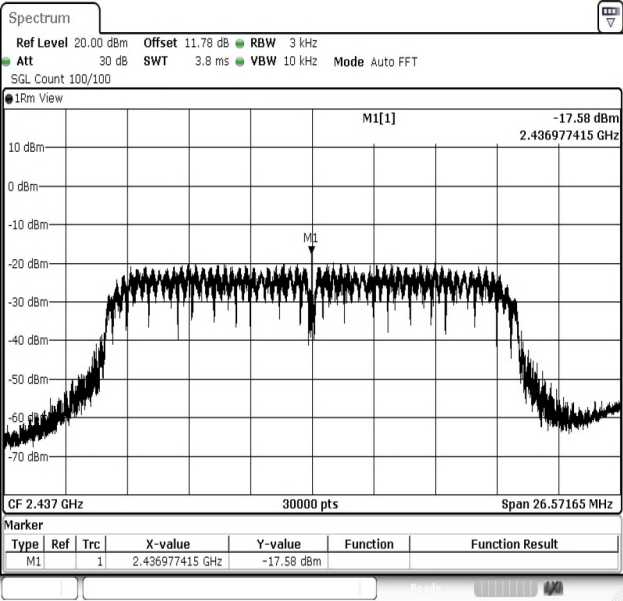


11G-Ant1-2462-PASS



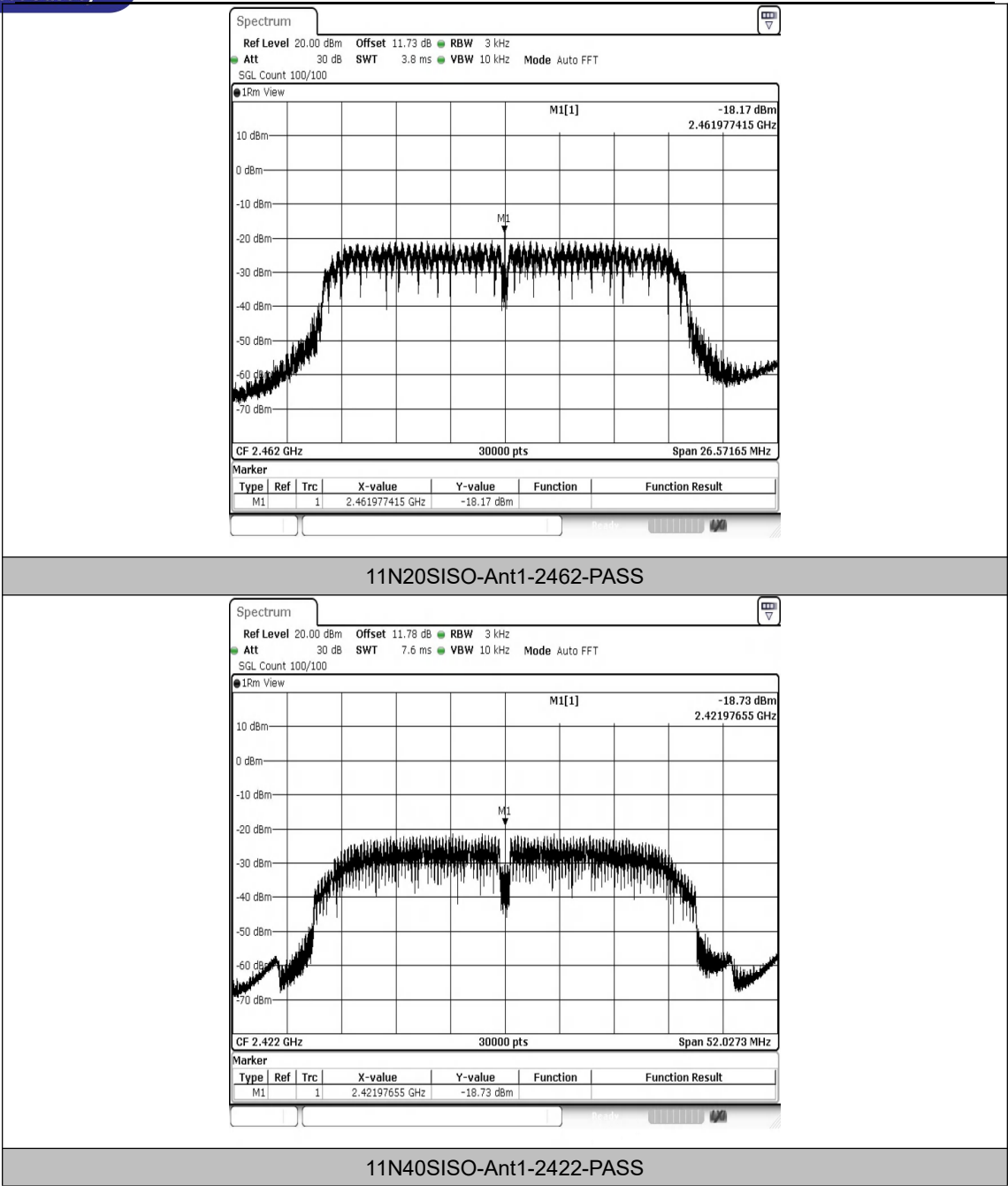


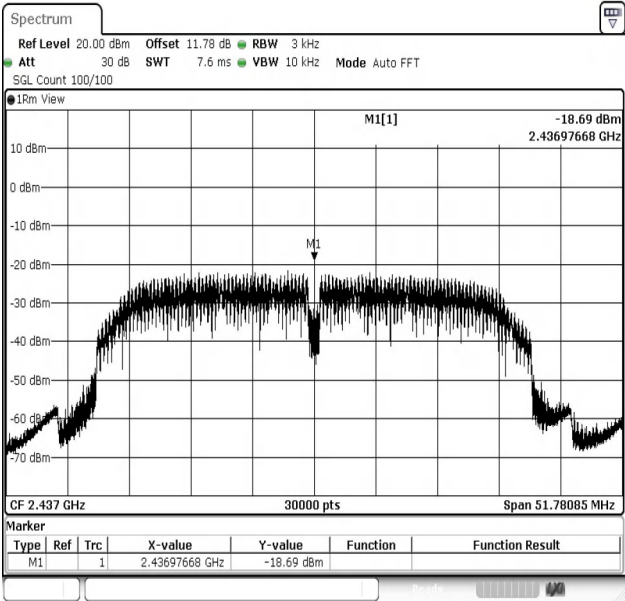
11N20SISO-Ant1-2412-PASS



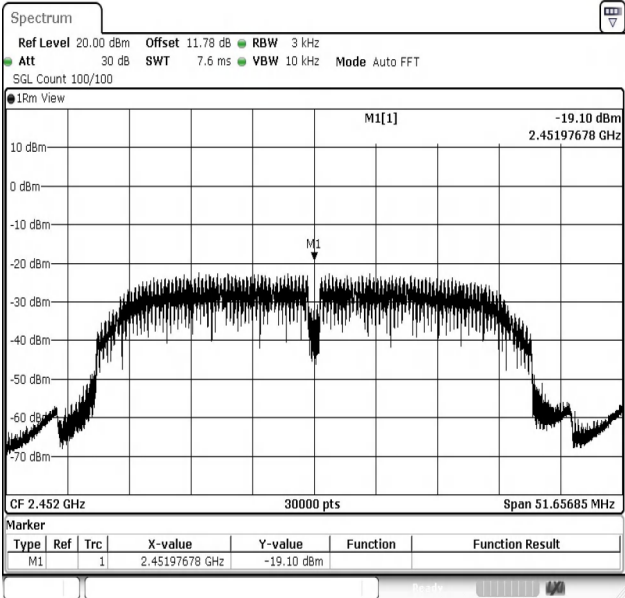
11N20SISO-Ant1-2437-PASS







11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS



Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.24	-41.7	≤-24.76	PASS
11B	Ant1	High	2462	4.22	-57.22	≤-25.78	PASS
11G	Ant1	Low	2412	-0.65	-43.8	≤-30.65	PASS
11G	Ant1	High	2462	-1.96	-49.15	≤-31.96	PASS
11N20SISO	Ant1	Low	2412	-0.43	-43.16	≤-30.43	PASS
11N20SISO	Ant1	High	2462	-1.36	-49.48	≤-31.36	PASS
11N40SISO	Ant1	Low	2422	-3.75	-45.88	≤-33.75	PASS
11N40SISO	Ant1	High	2452	-4.95	-50.03	≤-34.95	PASS



Test Graphs

