

Appendix Test Data

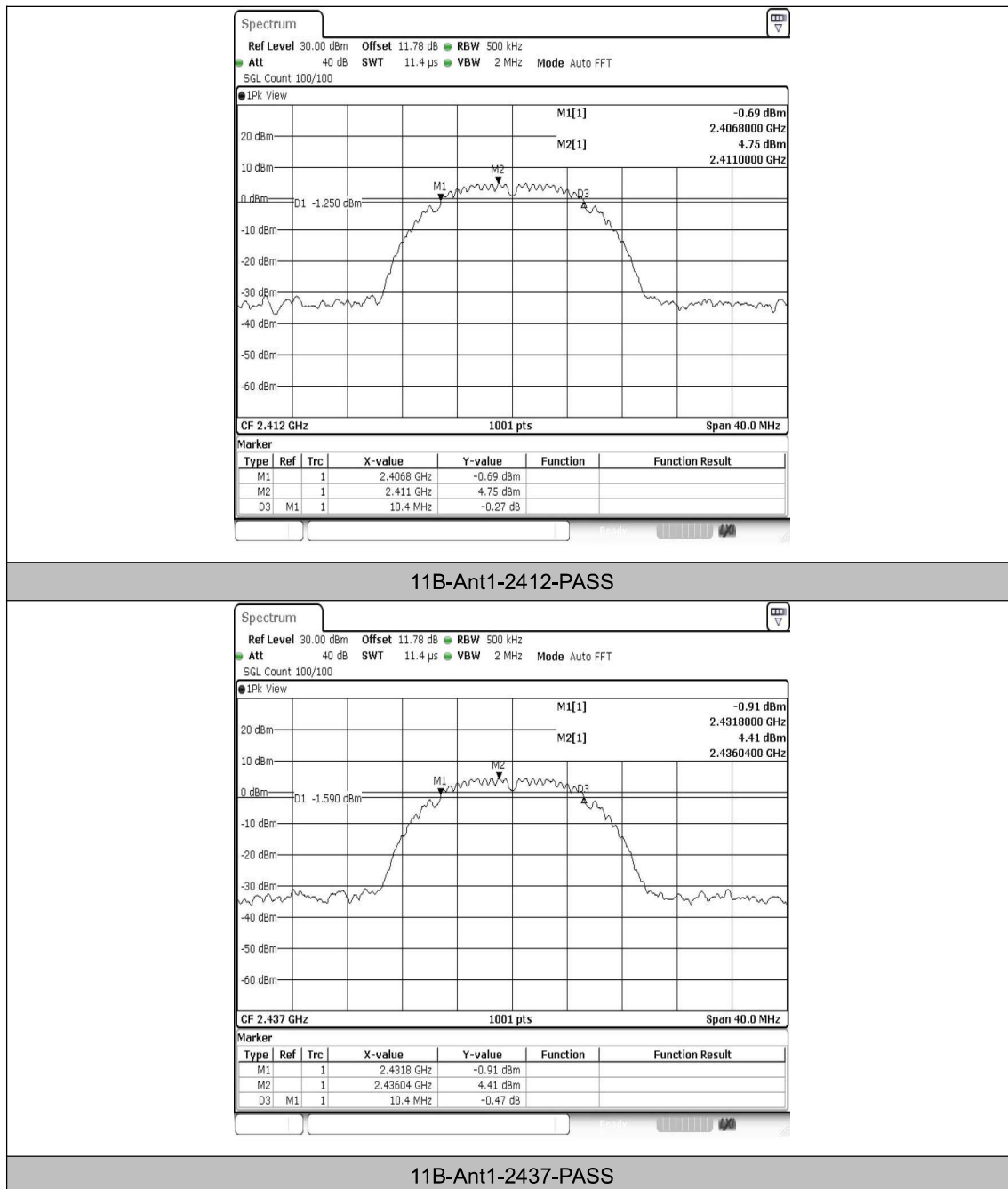
Report No.:	1814C50036312501	Test Sample No.:	1-2-2
Start Test Date:	2025.2.18	Finish Test Date:	2025.3.4
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	23.7°C	Relative Humidity:	48%
Pressure:	101kPa		

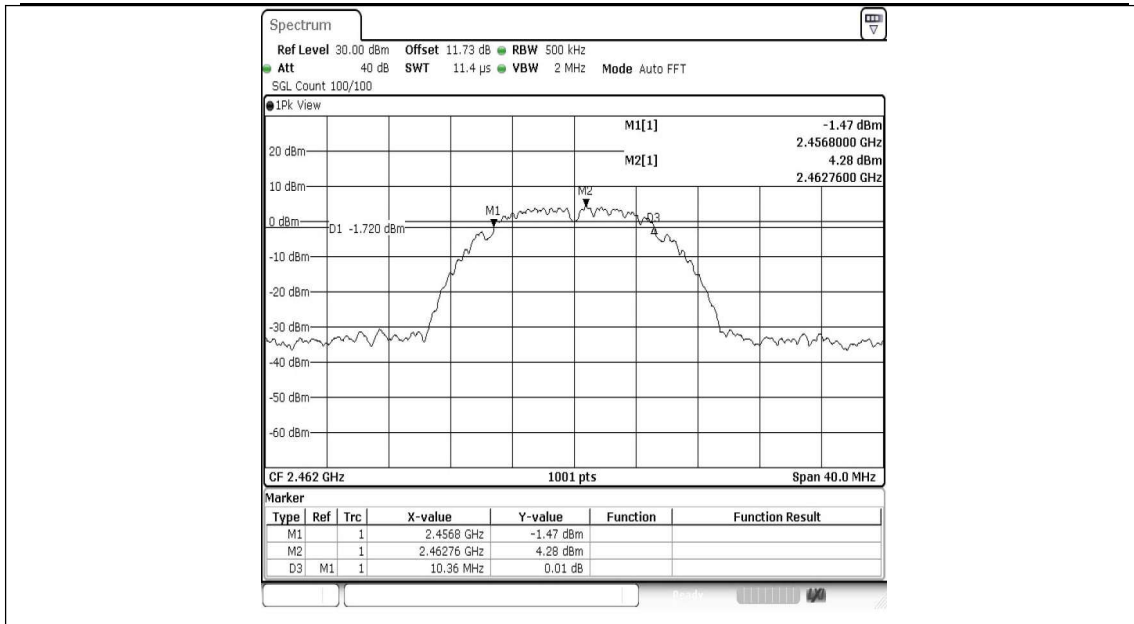
Appendix A: 6dB Bandwidth

Test Result

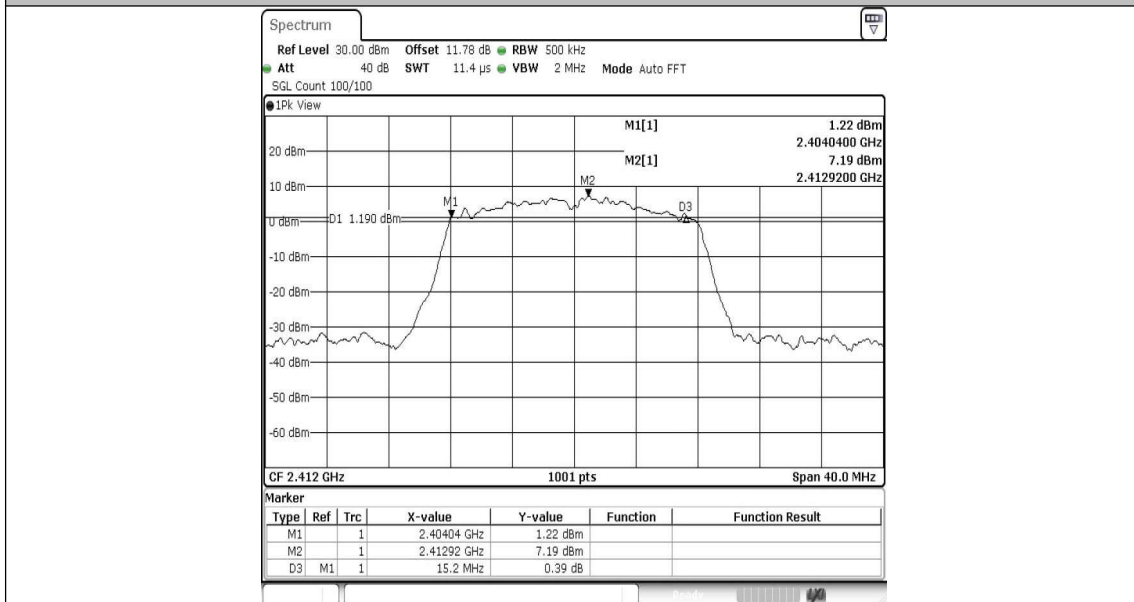
Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.40	2406.80	2417.20	0.5	PASS
11B	Ant1	2437	10.40	2431.80	2442.20	0.5	PASS
11B	Ant1	2462	10.36	2456.80	2467.16	0.5	PASS
11G	Ant1	2412	15.20	2404.04	2419.24	0.5	PASS
11G	Ant1	2437	15.48	2429.28	2444.76	0.5	PASS
11G	Ant1	2462	14.12	2455.64	2469.76	0.5	PASS
11N20SISO	Ant1	2412	15.80	2404.08	2419.88	0.5	PASS
11N20SISO	Ant1	2437	15.80	2428.96	2444.76	0.5	PASS
11N20SISO	Ant1	2462	15.76	2454.04	2469.80	0.5	PASS
11N40SISO	Ant1	2422	34.56	2404.96	2439.52	0.5	PASS
11N40SISO	Ant1	2437	35.44	2419.24	2454.68	0.5	PASS
11N40SISO	Ant1	2452	34.56	2434.32	2468.88	0.5	PASS

Test Graphs

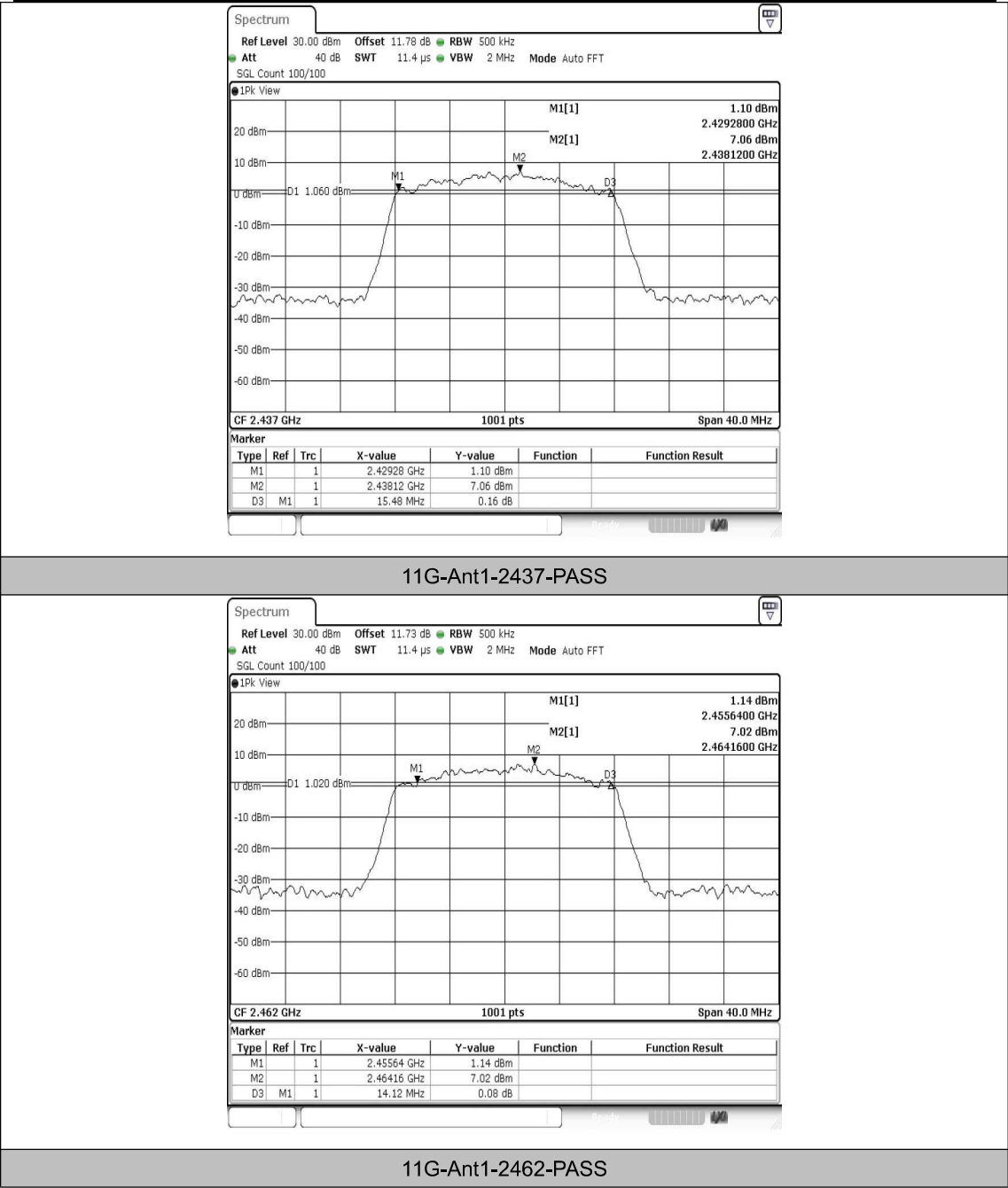


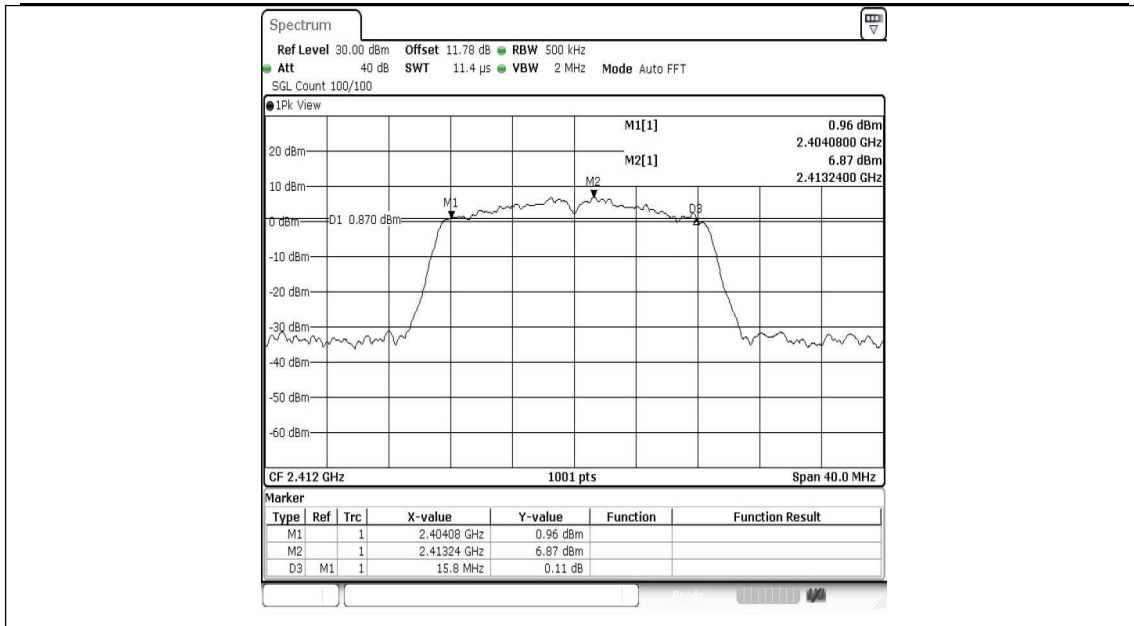


11B-Ant1-2462-PASS

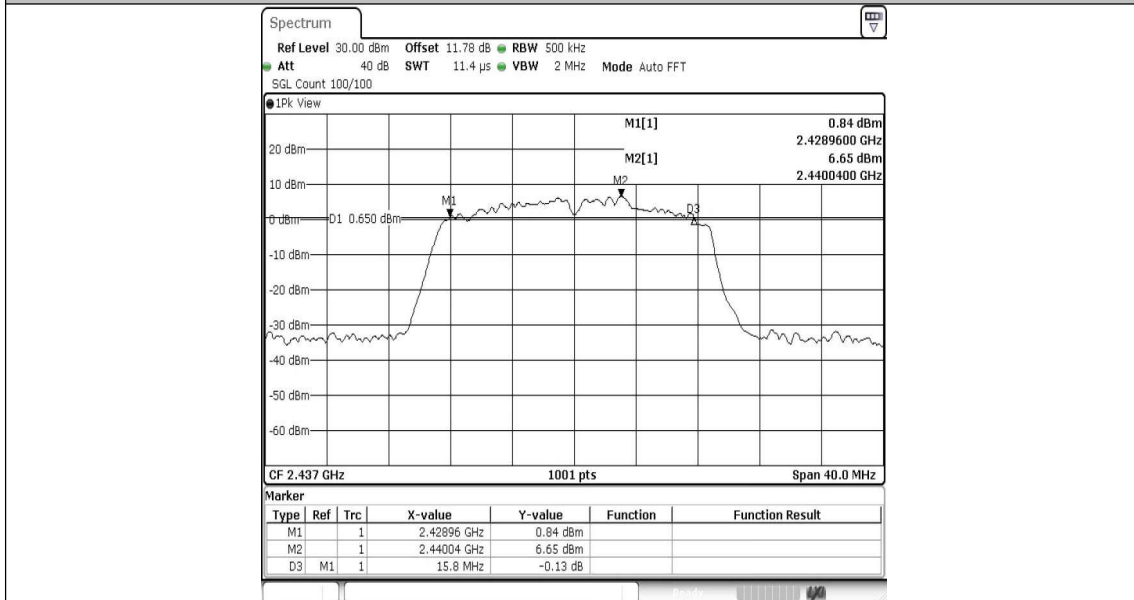


11G-Ant1-2412-PASS

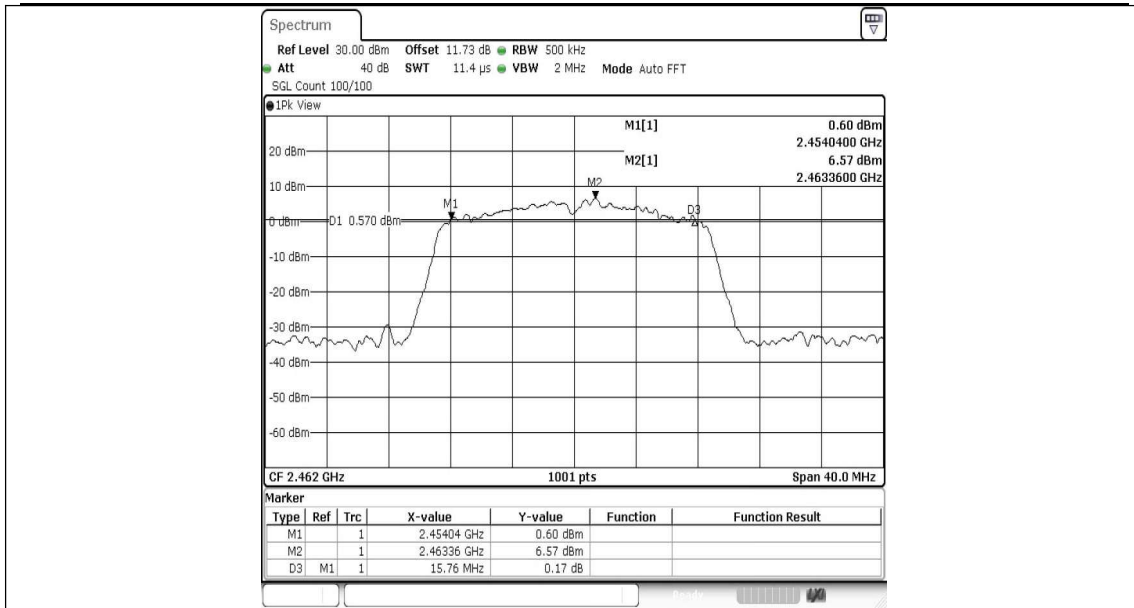




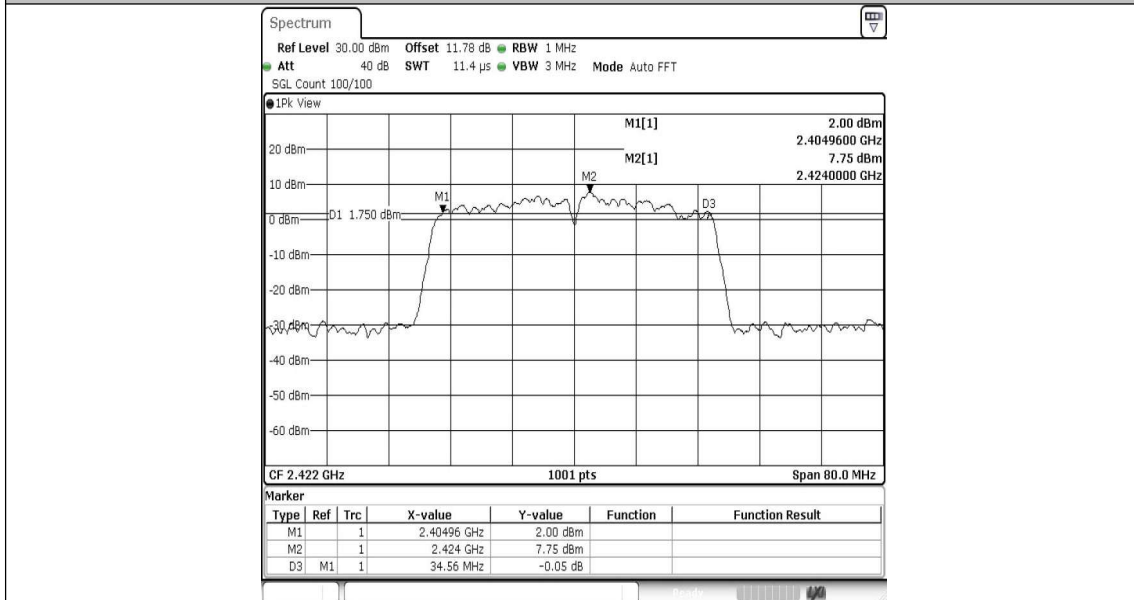
11N20SISO-Ant1-2412-PASS



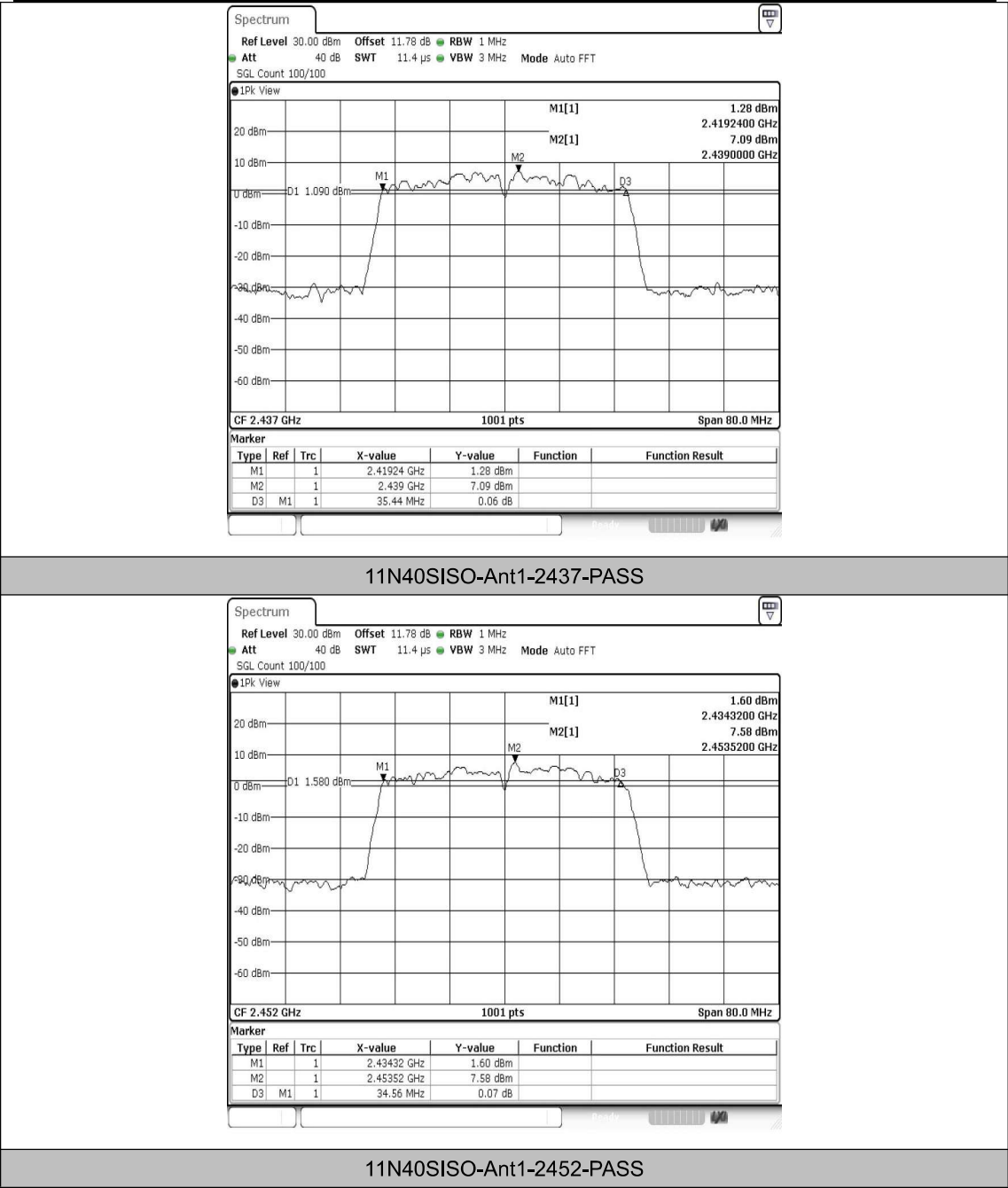
11N20SISO-Ant1-2437-PASS



11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



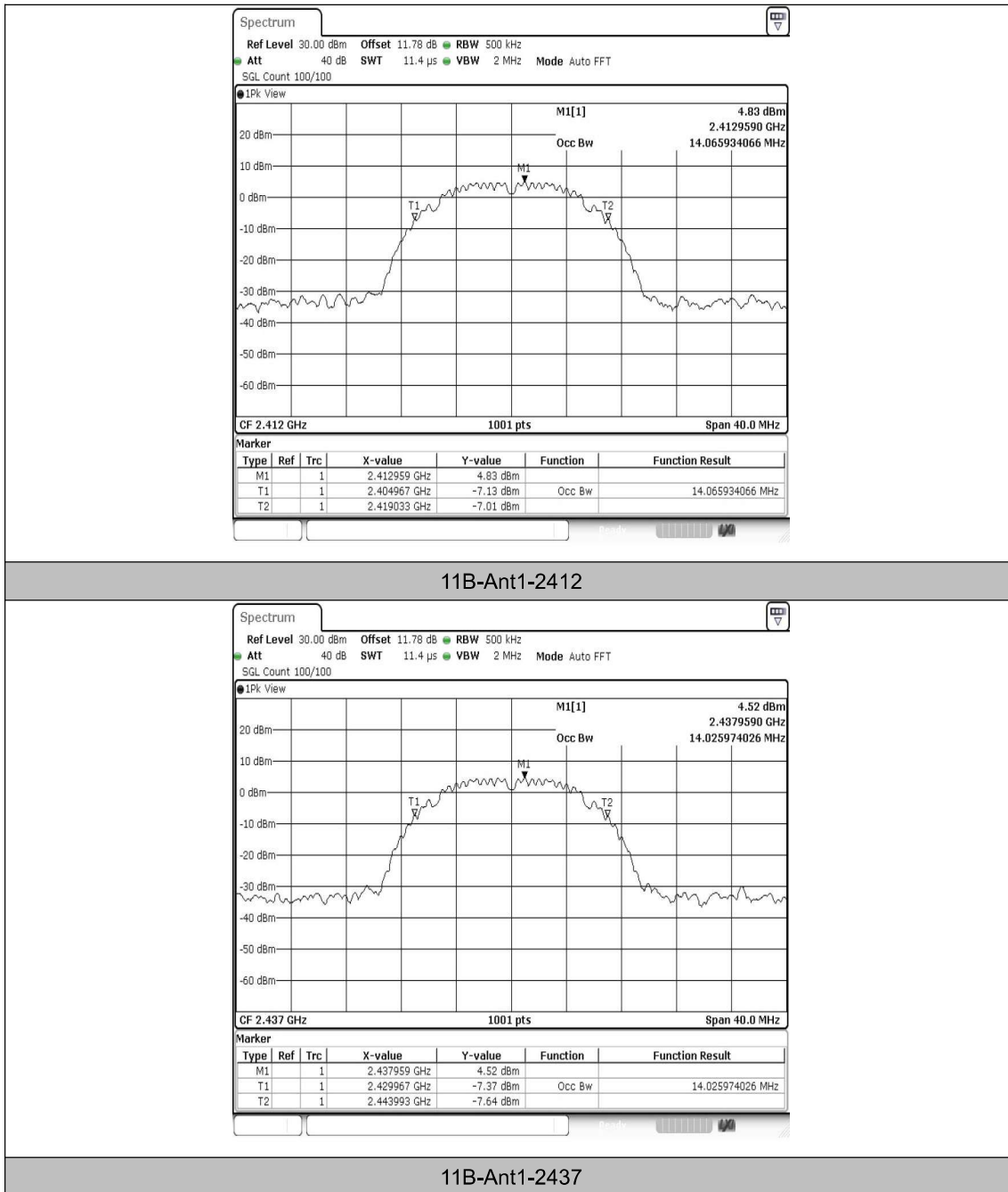
Appendix B: 99% Occupied Bandwidth

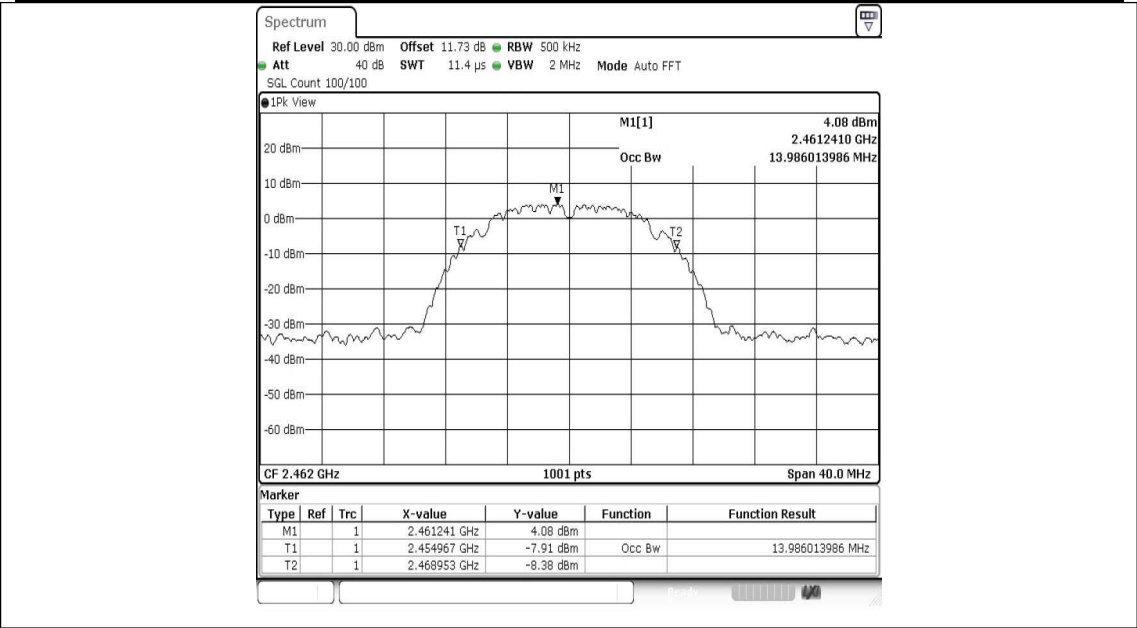
Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.066	2404.9670	2419.0330	---	---
11B	Ant1	2437	14.026	2429.9670	2443.9930	---	---
11B	Ant1	2462	13.986	2454.9670	2468.9530	---	---
11G	Ant1	2412	16.224	2403.8881	2420.1119	---	---
11G	Ant1	2437	16.304	2428.8881	2445.1918	---	---
11G	Ant1	2462	16.184	2453.8881	2470.0719	---	---
11N20SISO	Ant1	2412	17.343	2403.2887	2420.6314	---	---
11N20SISO	Ant1	2437	17.343	2428.2887	2445.6314	---	---
11N20SISO	Ant1	2462	17.383	2453.2887	2470.6713	---	---
11N40SISO	Ant1	2422	35.804	2404.0180	2439.8222	---	---
11N40SISO	Ant1	2437	35.964	2419.0979	2455.0619	---	---
11N40SISO	Ant1	2452	35.884	2434.0180	2469.9021	---	---

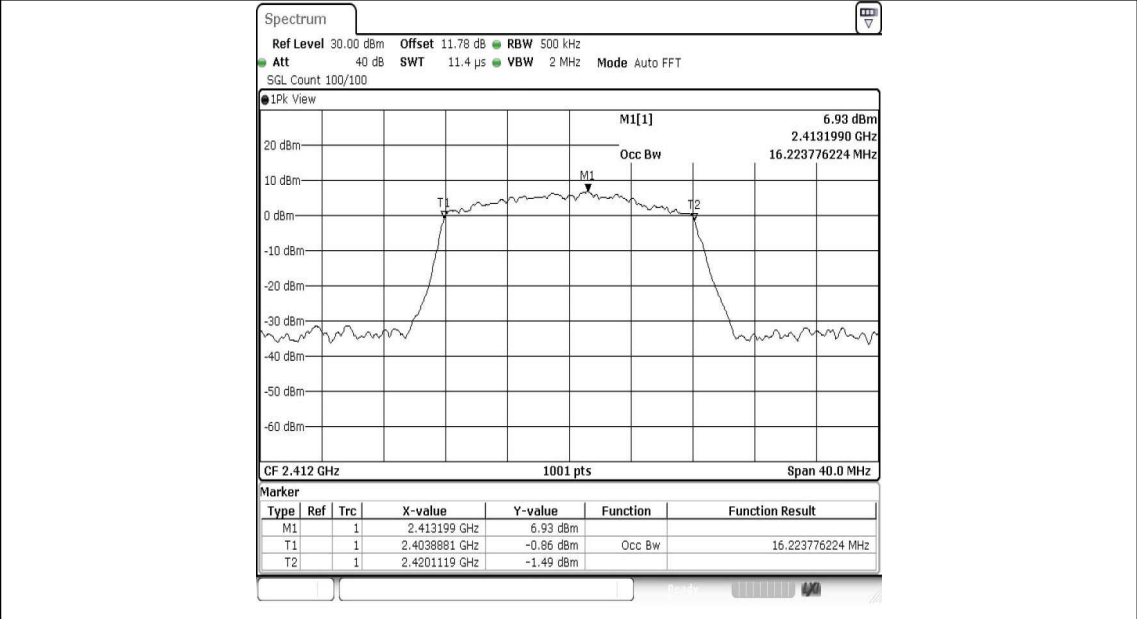


Test Graphs

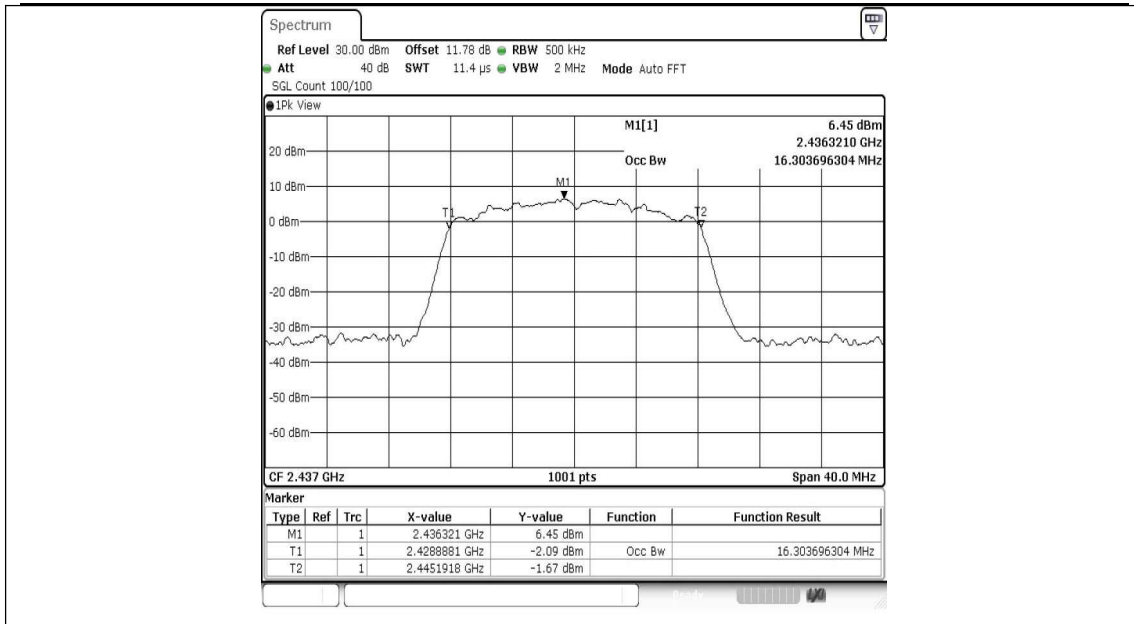




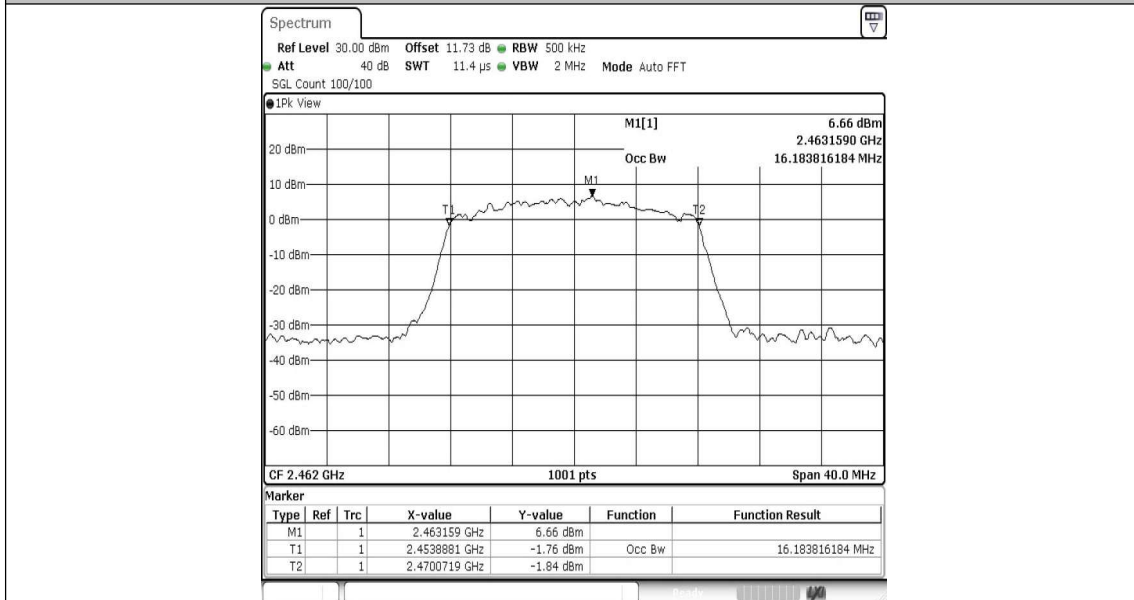
11B-Ant1-2462



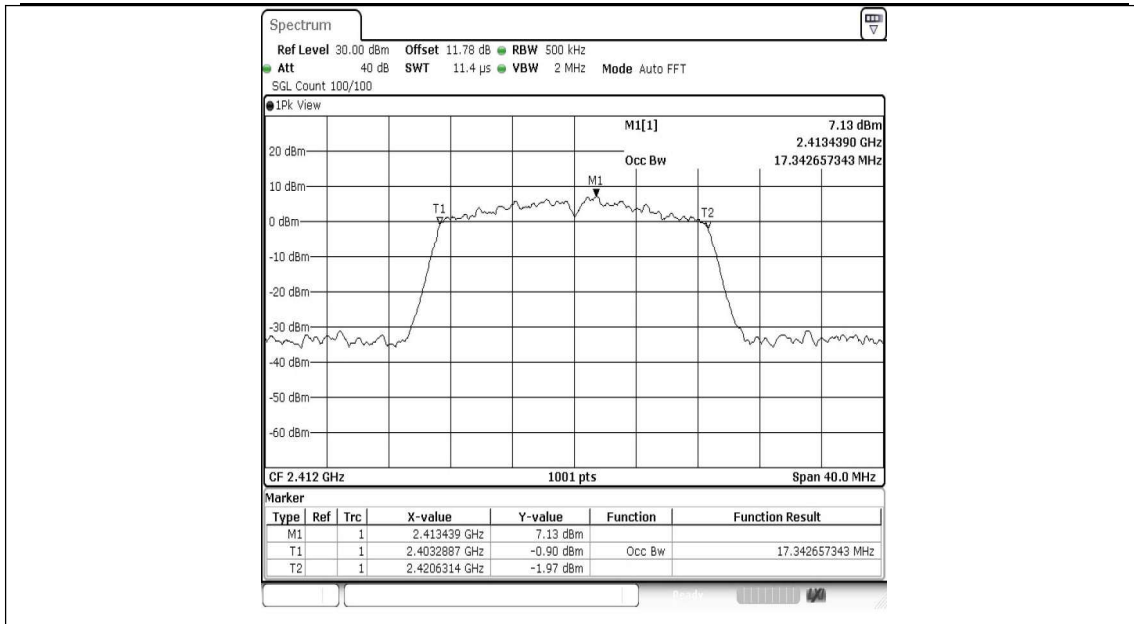
11G-Ant1-2412



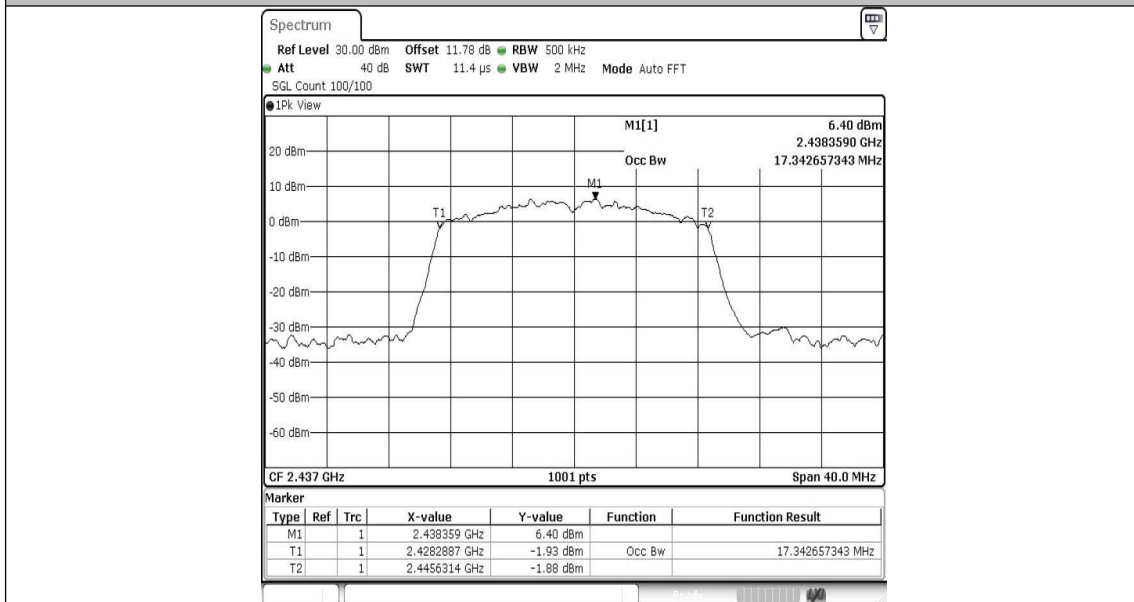
11G-Ant1-2437



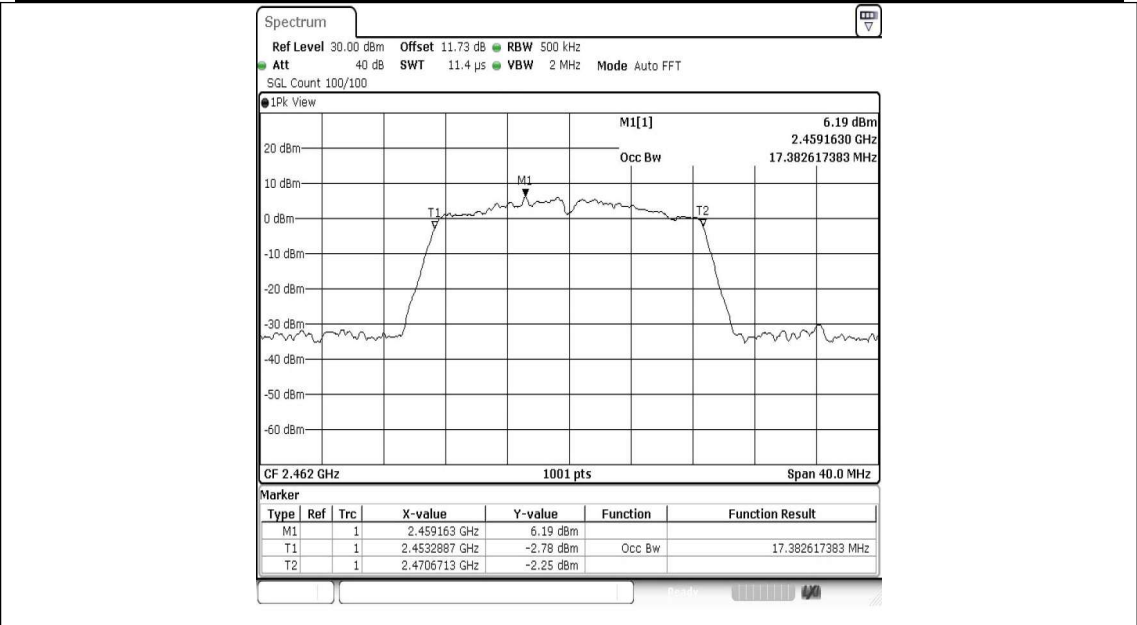
11G-Ant1-2462



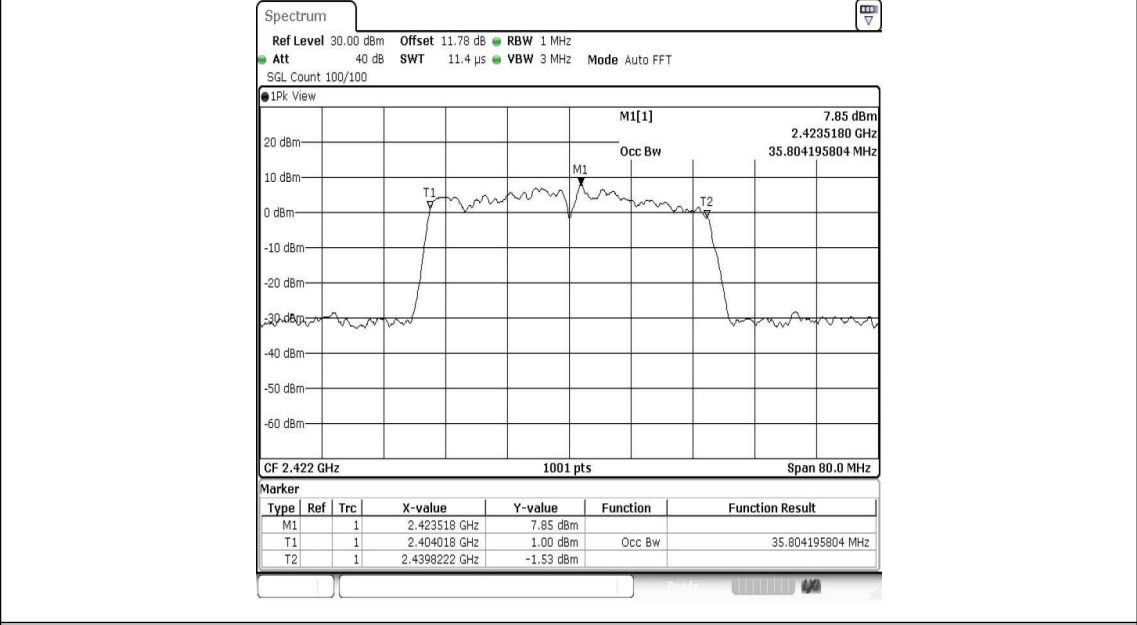
11N20SISO-Ant1-2412



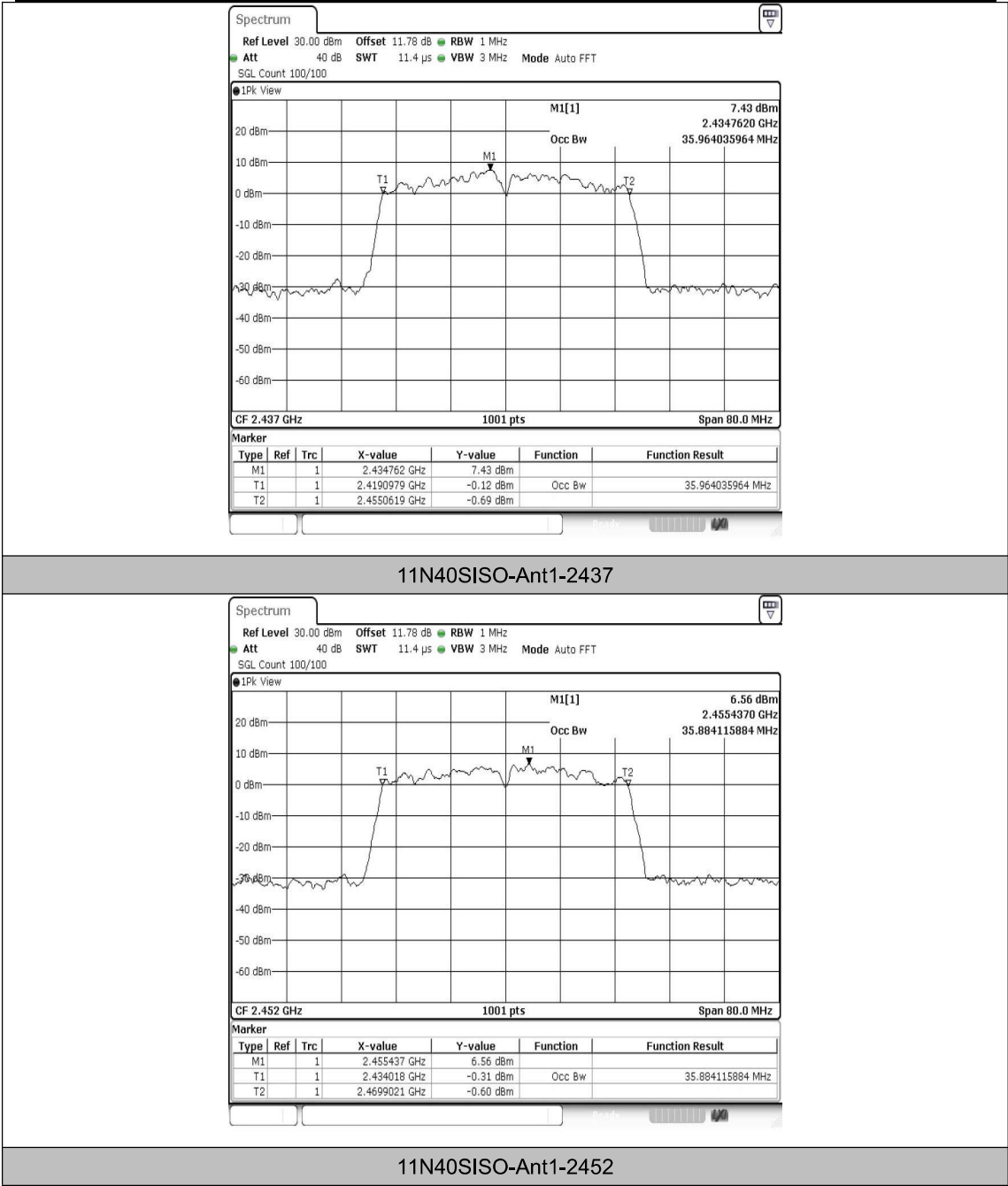
11N20SISO-Ant1-2437



11N20SISO-Ant1-2462



11N40SISO-Ant1-2422



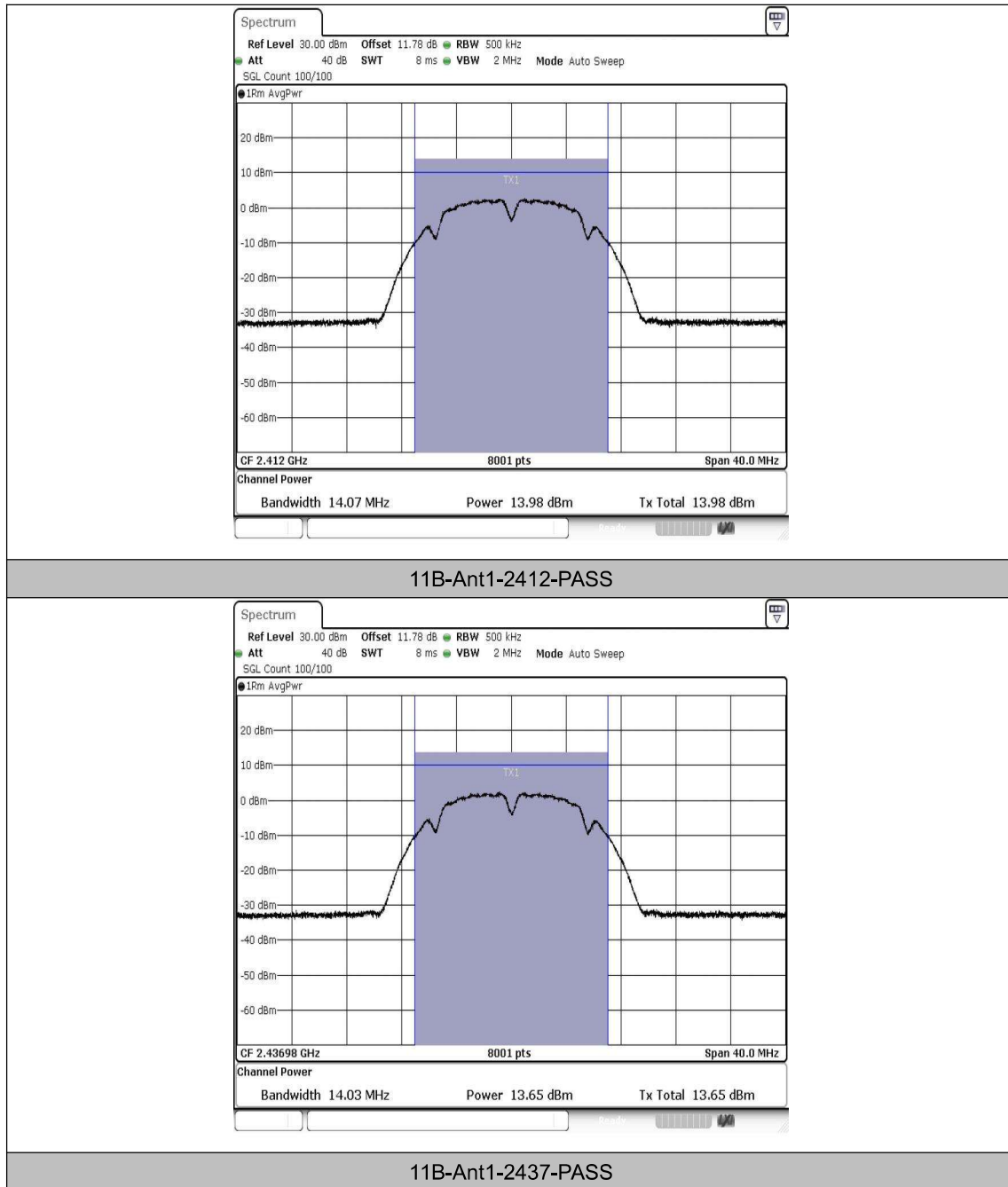
Appendix C: Maximum conducted output power

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	13.98	100.00	0.00	13.98	≤30.00	PASS
11B	Ant1	2437	NA	13.65	100.00	0.00	13.65	≤30.00	PASS
11B	Ant1	2462	NA	13.04	100.00	0.00	13.04	≤30.00	PASS
11G	Ant1	2412	NA	13.59	100.00	0.00	13.59	≤30.00	PASS
11G	Ant1	2437	NA	13.39	100.00	0.00	13.39	≤30.00	PASS
11G	Ant1	2462	NA	12.96	100.00	0.00	12.96	≤30.00	PASS
11N20SISO	Ant1	2412	NA	13.34	100.00	0.00	13.34	≤30.00	PASS
11N20SISO	Ant1	2437	NA	13.15	100.00	0.00	13.15	≤30.00	PASS
11N20SISO	Ant1	2462	NA	12.78	100.00	0.00	12.78	≤30.00	PASS
11N40SISO	Ant1	2422	NA	13.10	100.00	0.00	13.10	≤30.00	PASS
11N40SISO	Ant1	2437	NA	13.11	100.00	0.00	13.11	≤30.00	PASS
11N40SISO	Ant1	2452	NA	12.80	100.00	0.00	12.80	≤30.00	PASS

Note: 1. The cable loss are compensated in the graph

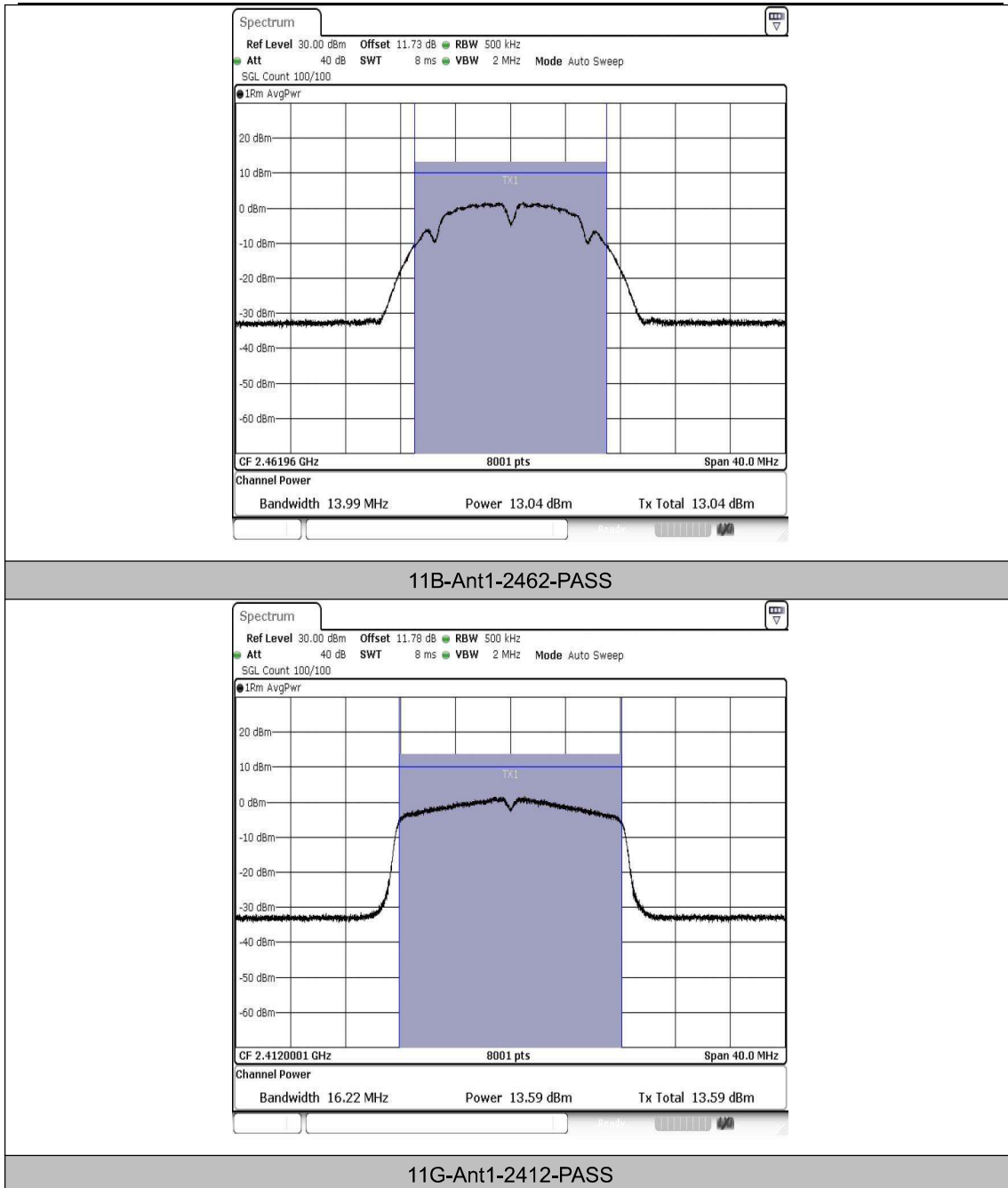
Test Graphs Average



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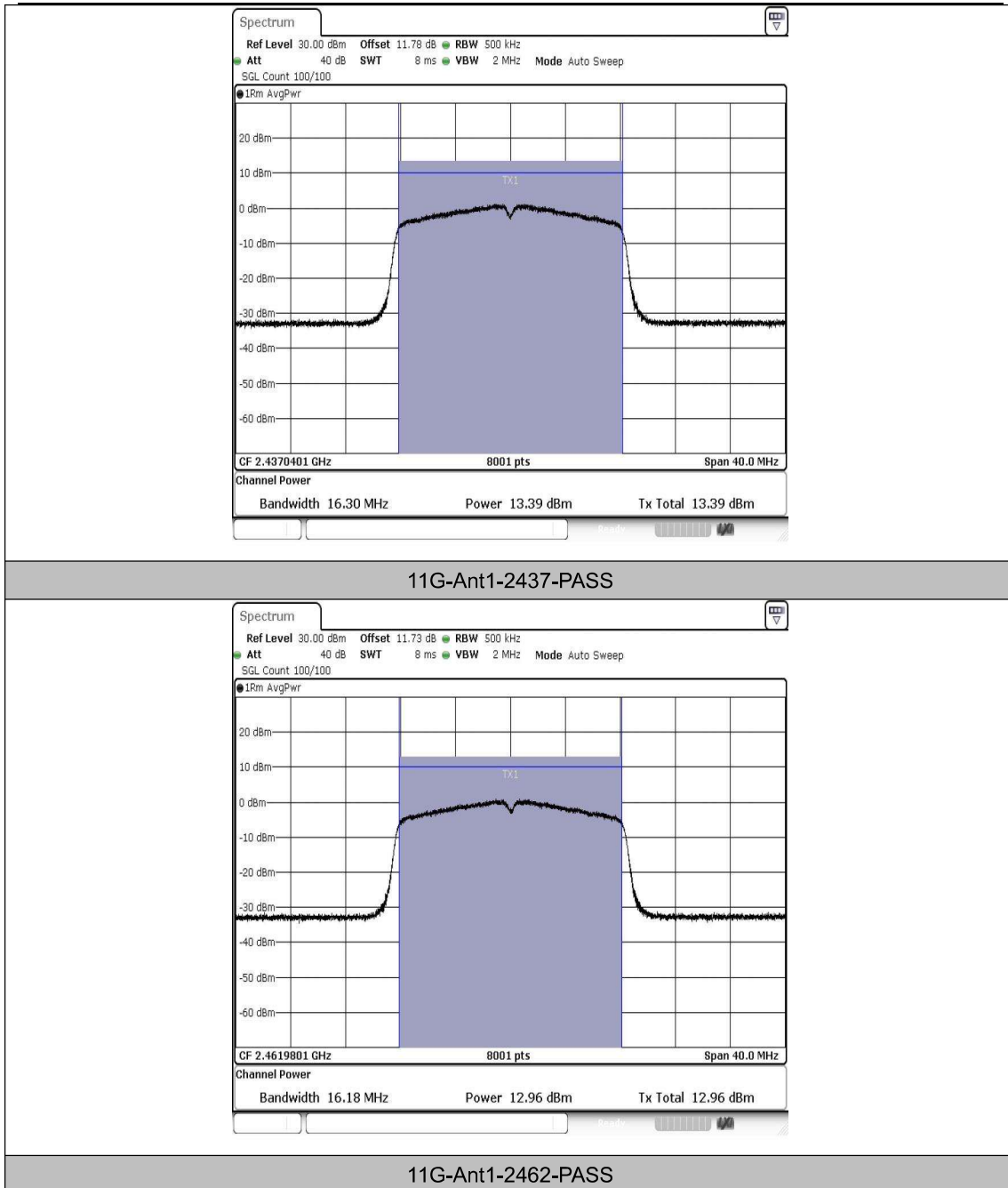
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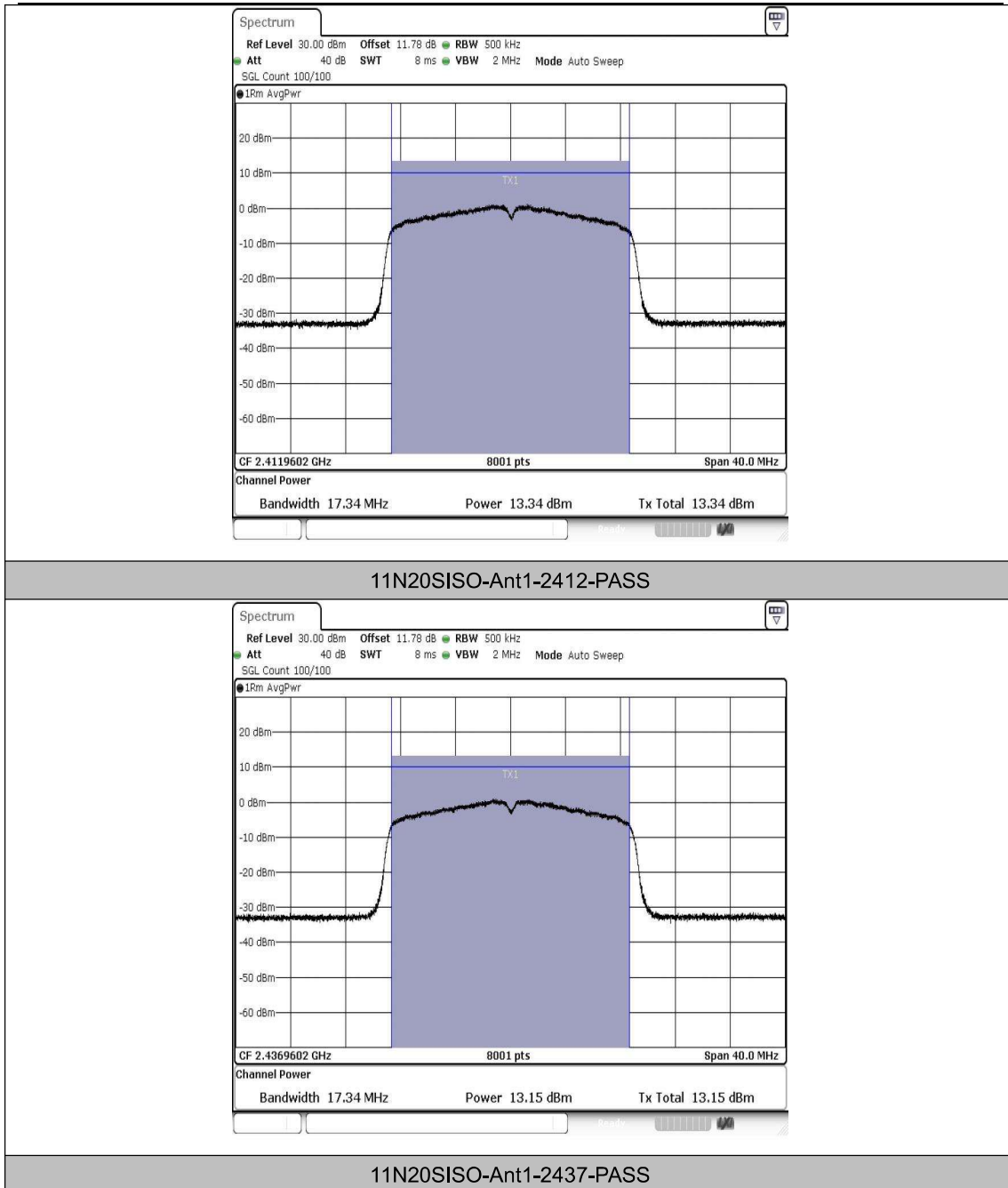
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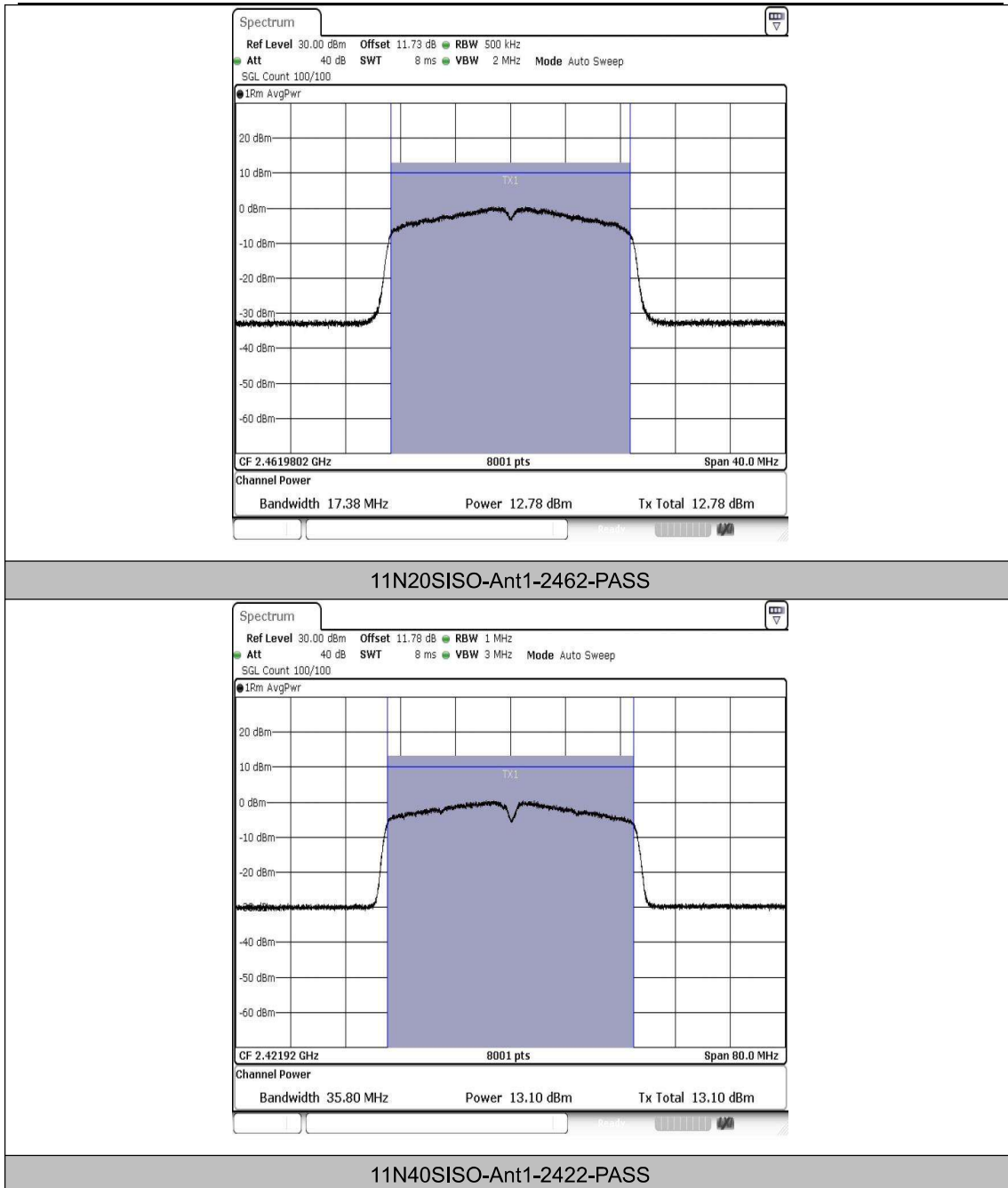
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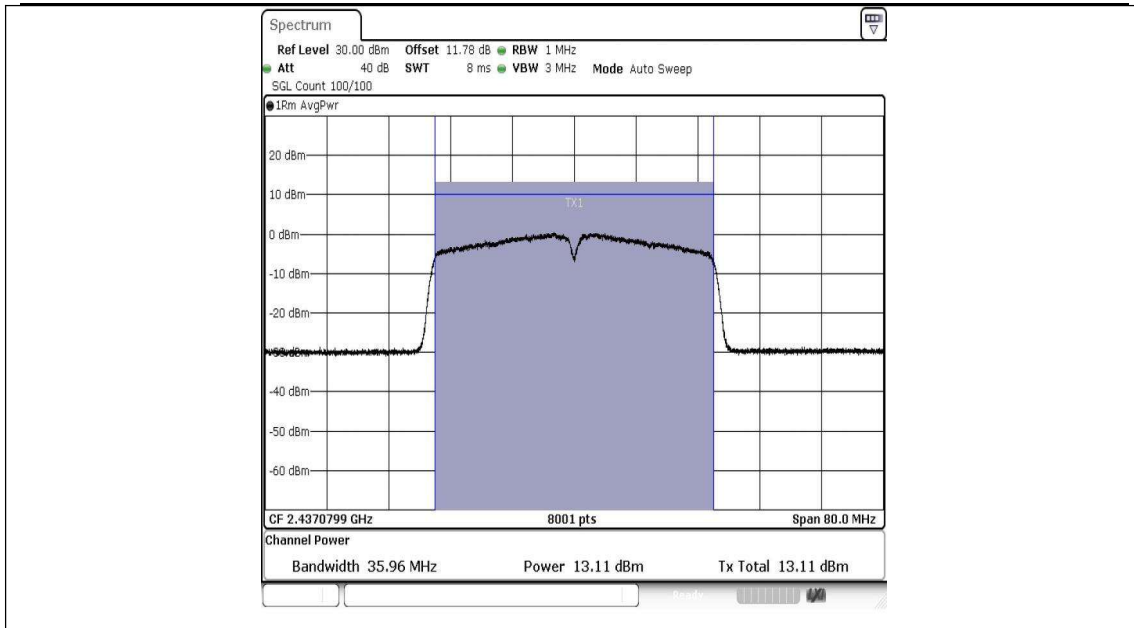
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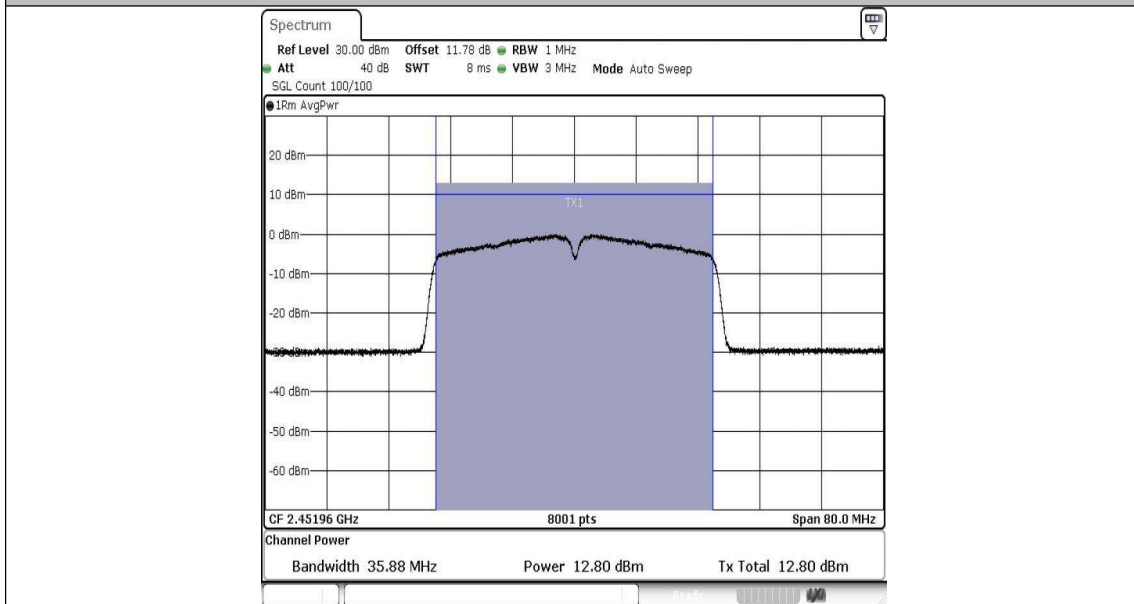
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11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS

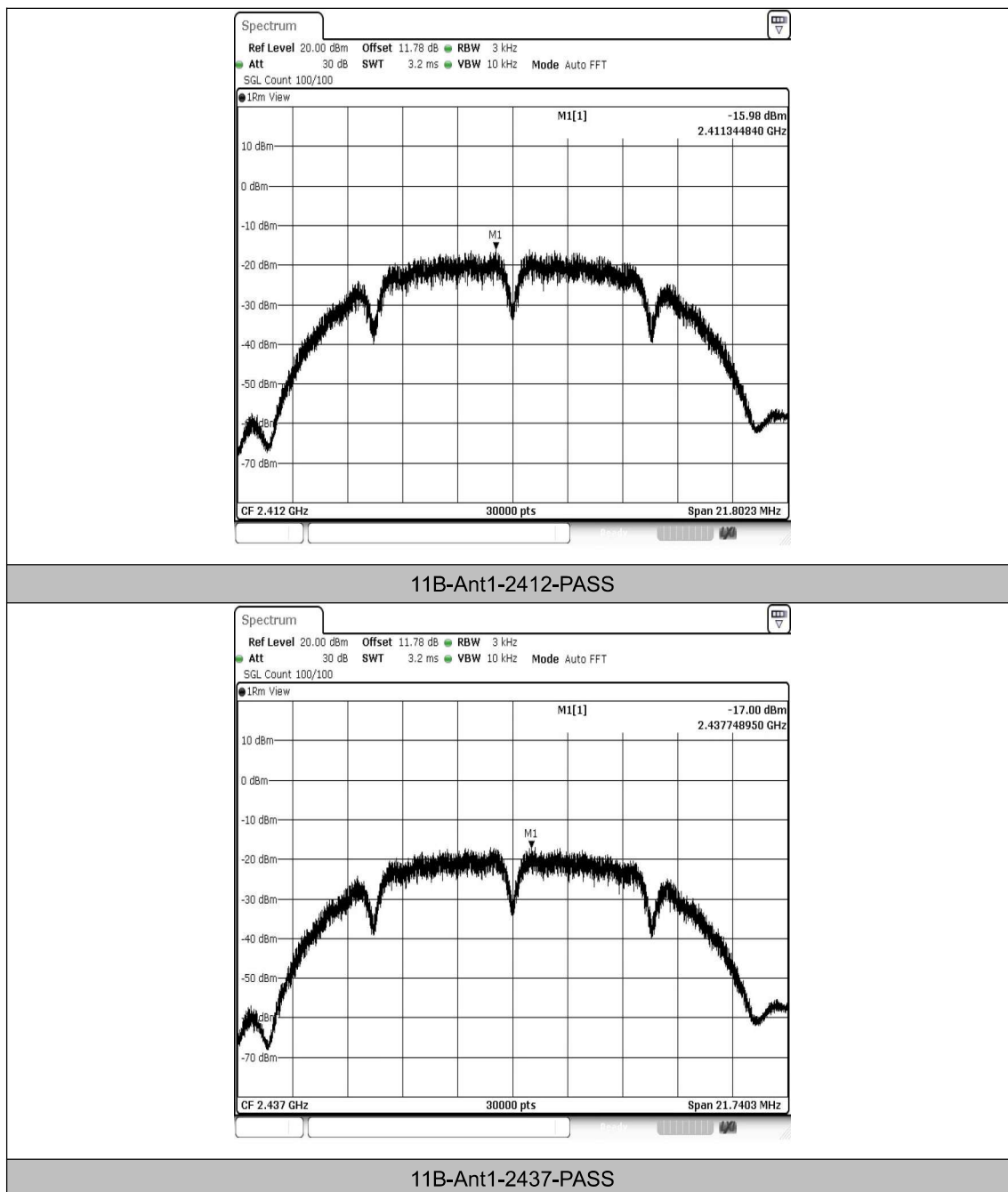
Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Reading Result[dBm/3kHz]	DC Factor [dB]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-15.98	0.00	-15.98	≤8.00	PASS
11B	Ant1	2437	-17	0.00	-17.00	≤8.00	PASS
11B	Ant1	2462	-17.51	0.00	-17.51	≤8.00	PASS
11G	Ant1	2412	-15.08	0.00	-15.08	≤8.00	PASS
11G	Ant1	2437	-15	0.00	-15.00	≤8.00	PASS
11G	Ant1	2462	-15.74	0.00	-15.74	≤8.00	PASS
11N20SISO	Ant1	2412	-13.44	0.00	-13.44	≤8.00	PASS
11N20SISO	Ant1	2437	-13.79	0.00	-13.79	≤8.00	PASS
11N20SISO	Ant1	2462	-14.25	0.00	-14.25	≤8.00	PASS
11N40SISO	Ant1	2422	-16.48	0.00	-16.48	≤8.00	PASS
11N40SISO	Ant1	2437	-16.7	0.00	-16.70	≤8.00	PASS
11N40SISO	Ant1	2452	-16.93	0.00	-16.93	≤8.00	PASS

Note: 1. The cable loss are compensated in the graph.

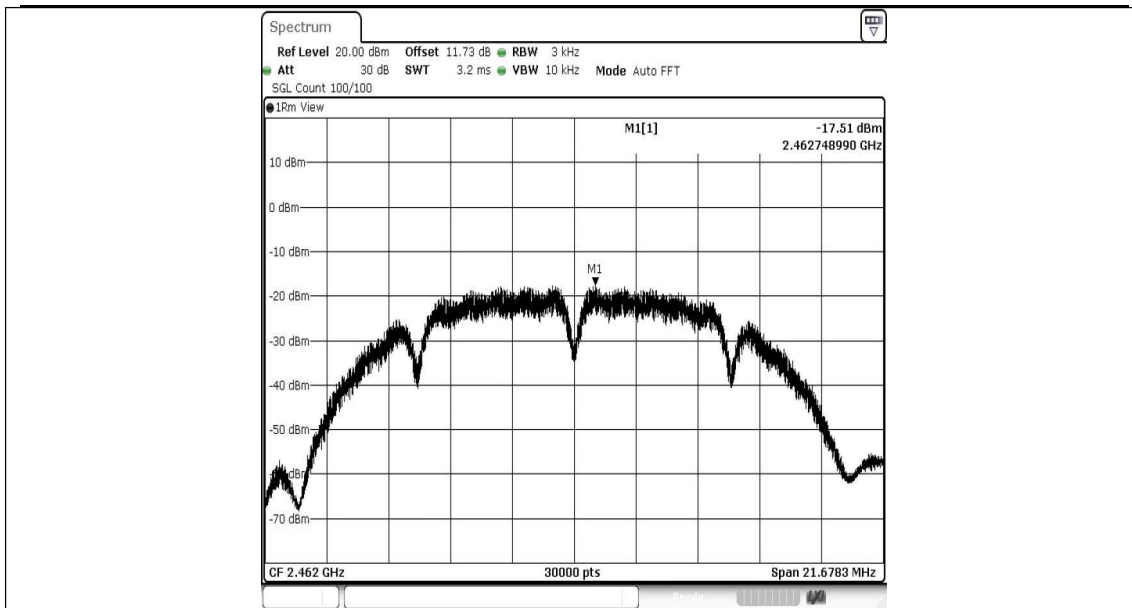
Test Graphs



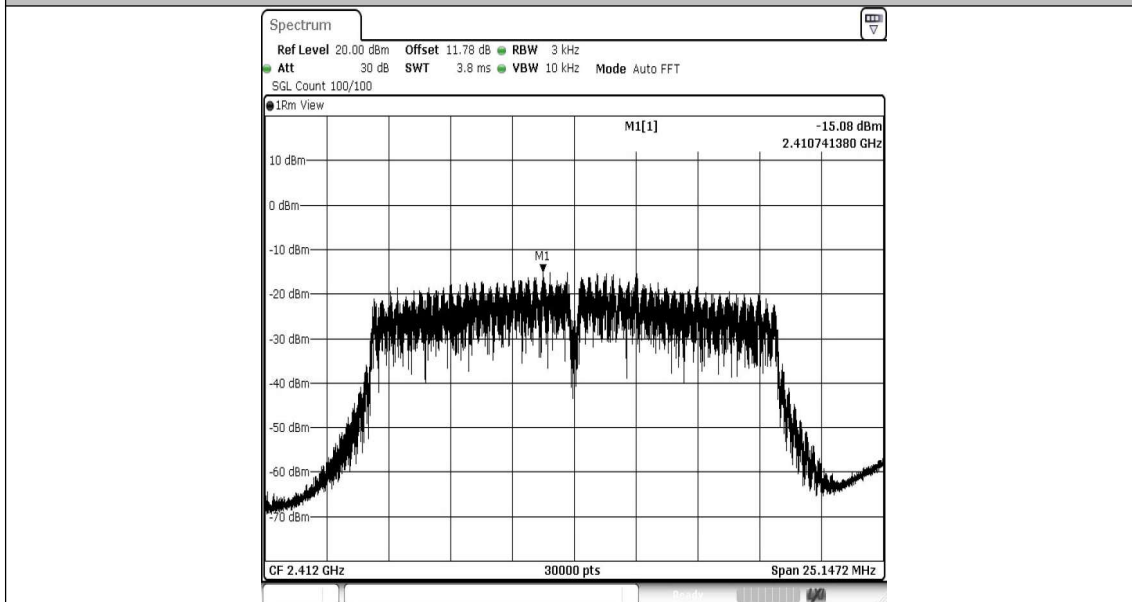
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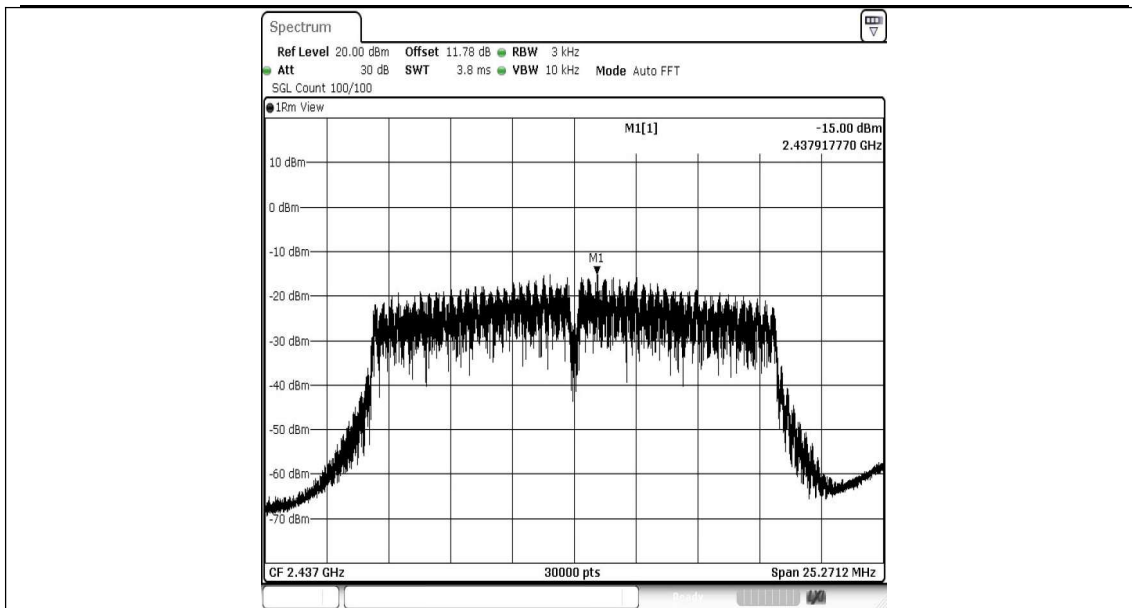
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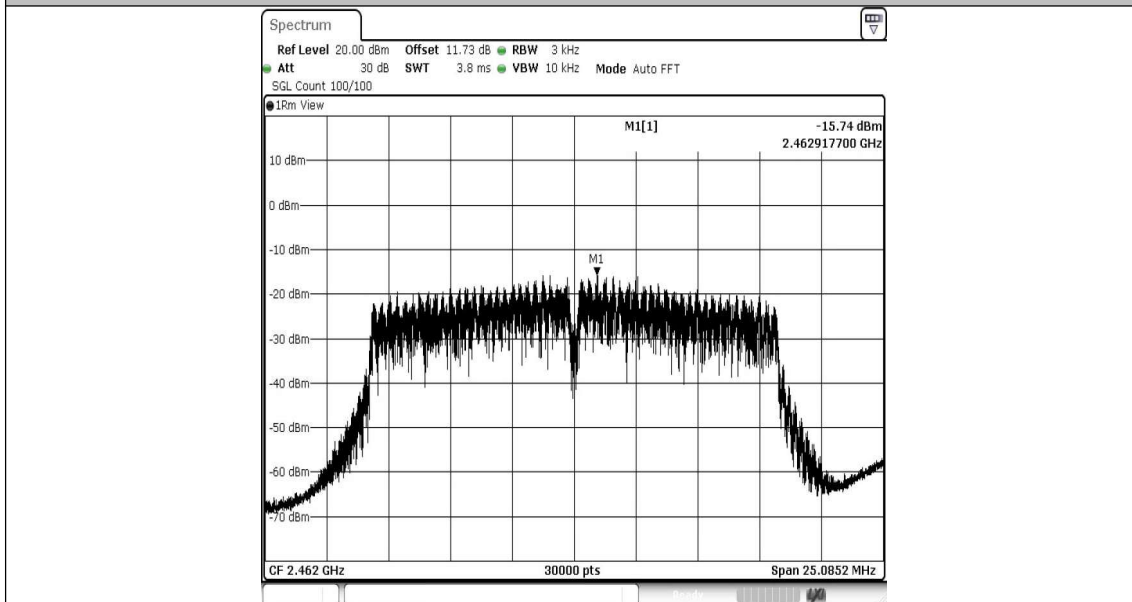
11B-Ant1-2462-PASS



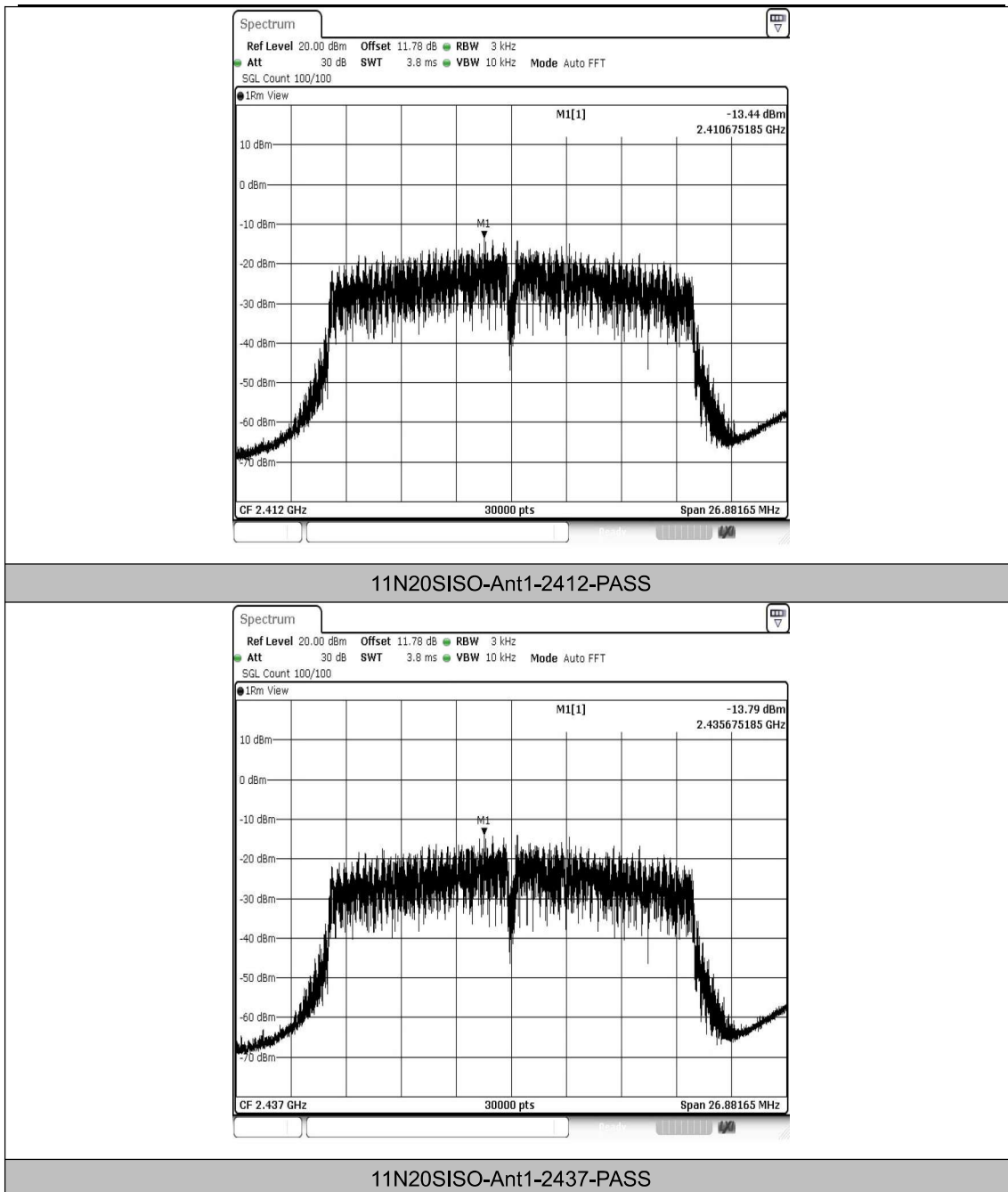
11G-Ant1-2412-PASS



11G-Ant1-2437-PASS



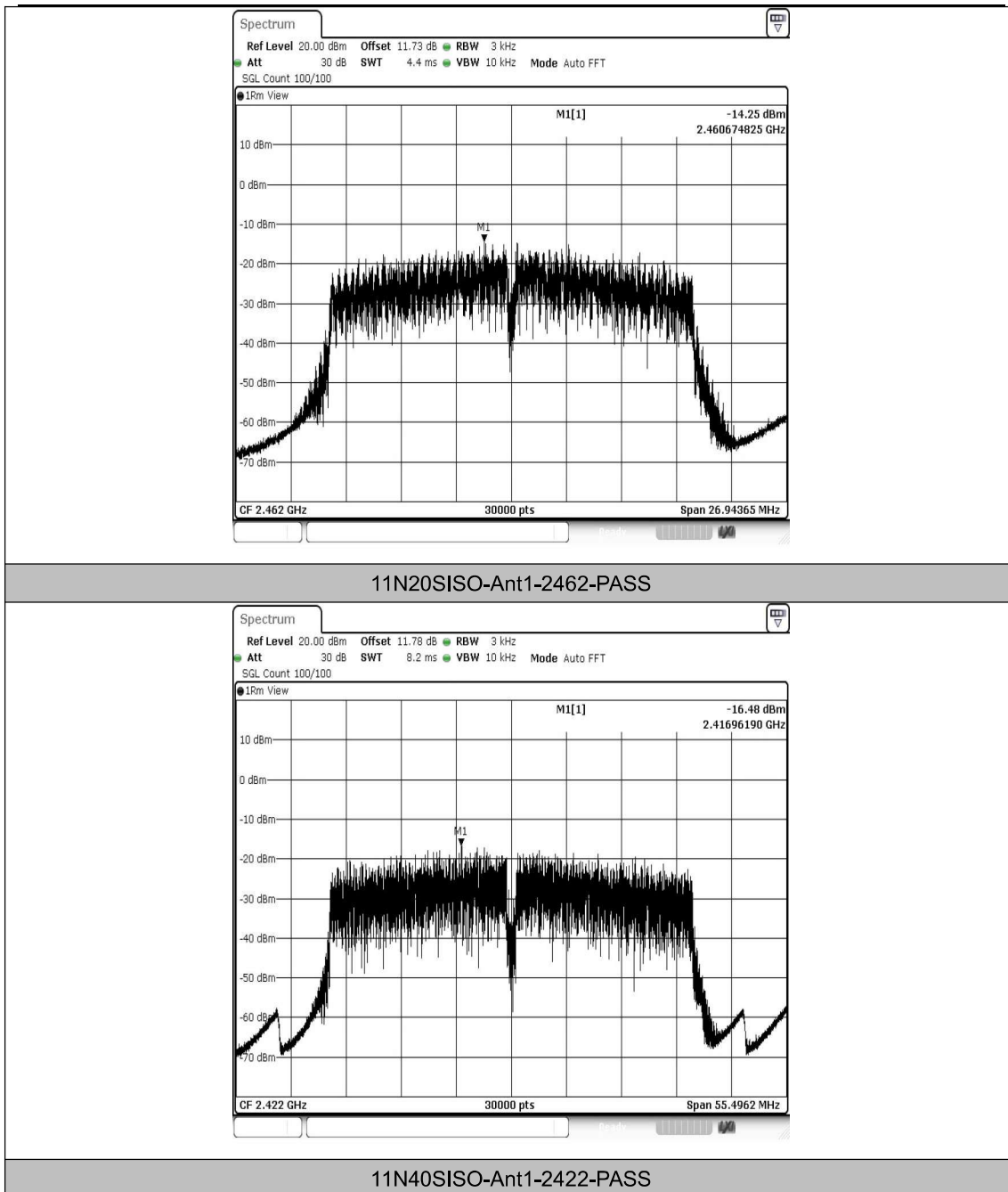
11G-Ant1-2462-PASS



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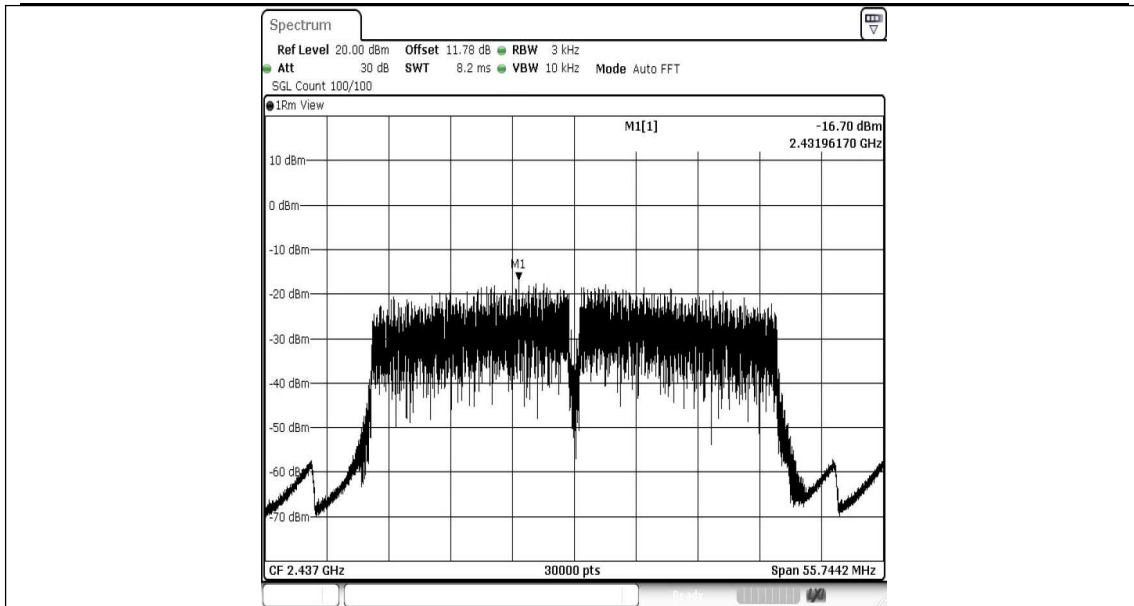
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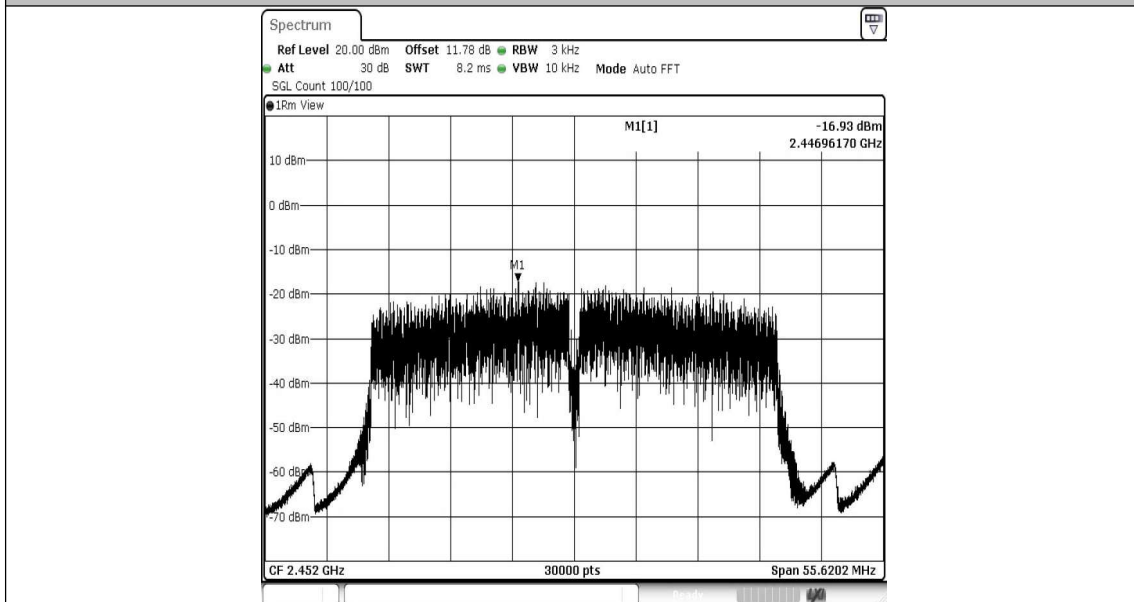
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11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS

Appendix E: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.70	-40.8	≤-26.3	PASS
11B	Ant1	High	2462	2.87	-55.63	≤-27.13	PASS
11G	Ant1	Low	2412	4.00	-47.15	≤-26	PASS
11G	Ant1	High	2462	2.98	-55.46	≤-27.02	PASS
11N20SISO	Ant1	Low	2412	3.22	-49.55	≤-26.78	PASS
11N20SISO	Ant1	High	2462	3.26	-54.3	≤-26.74	PASS
11N40SISO	Ant1	Low	2422	0.84	-48.97	≤-29.16	PASS
11N40SISO	Ant1	High	2452	0.27	-47.69	≤-29.73	PASS

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Test Graphs

