

Appendix Test Data

Report No:	1812C40101512503	Test Sample NO:	1-2-2
Start Test Date:	2024.10.15	Finish Test Date:	2024.10.15
Test Engineer:	Joker Huang	Auditor:	Justin Feng
Temperature:	24.3°C	Relative Humidity:	56%
Pressure:	101 kPa		

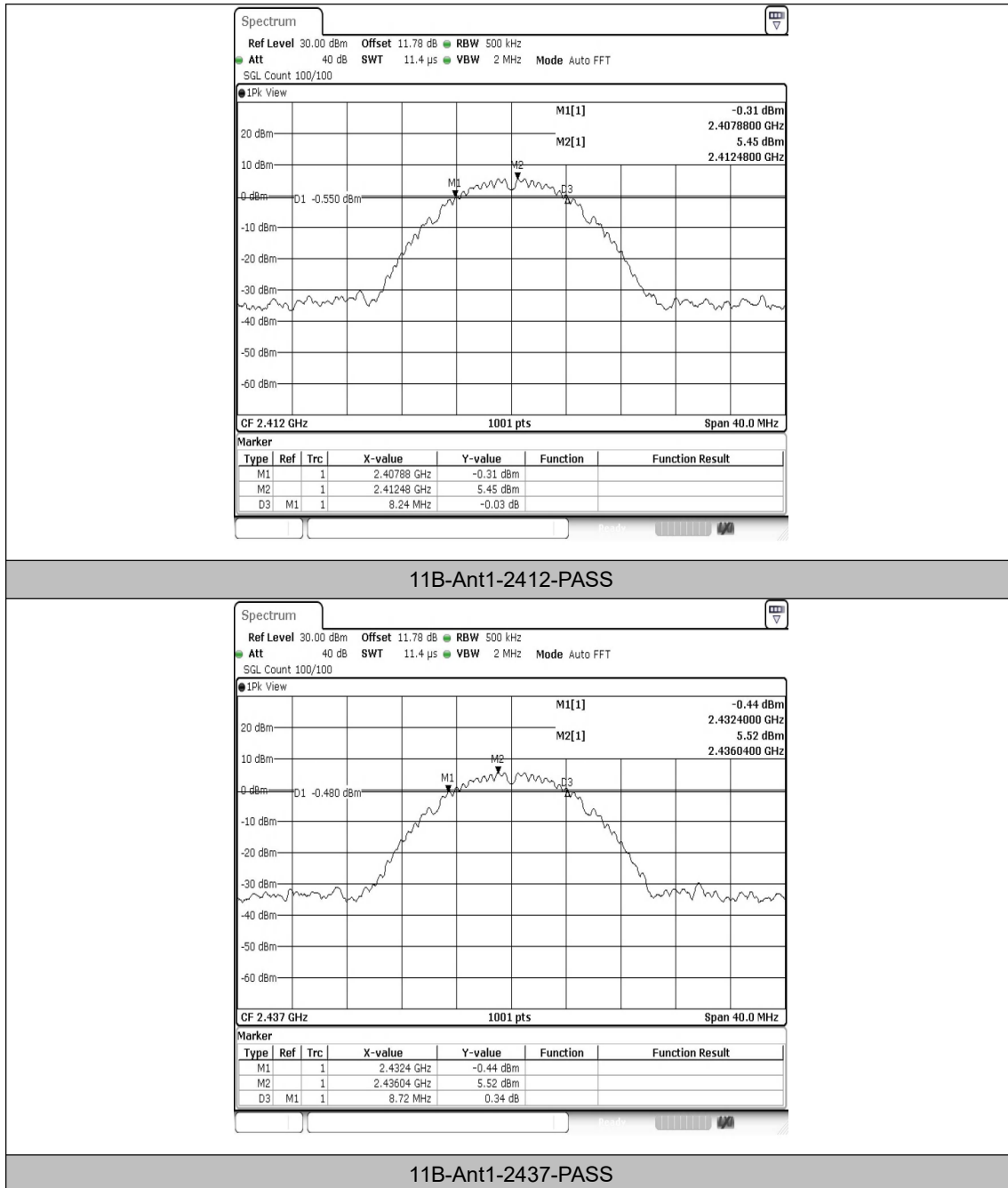
Appendix A: DTS Bandwidth

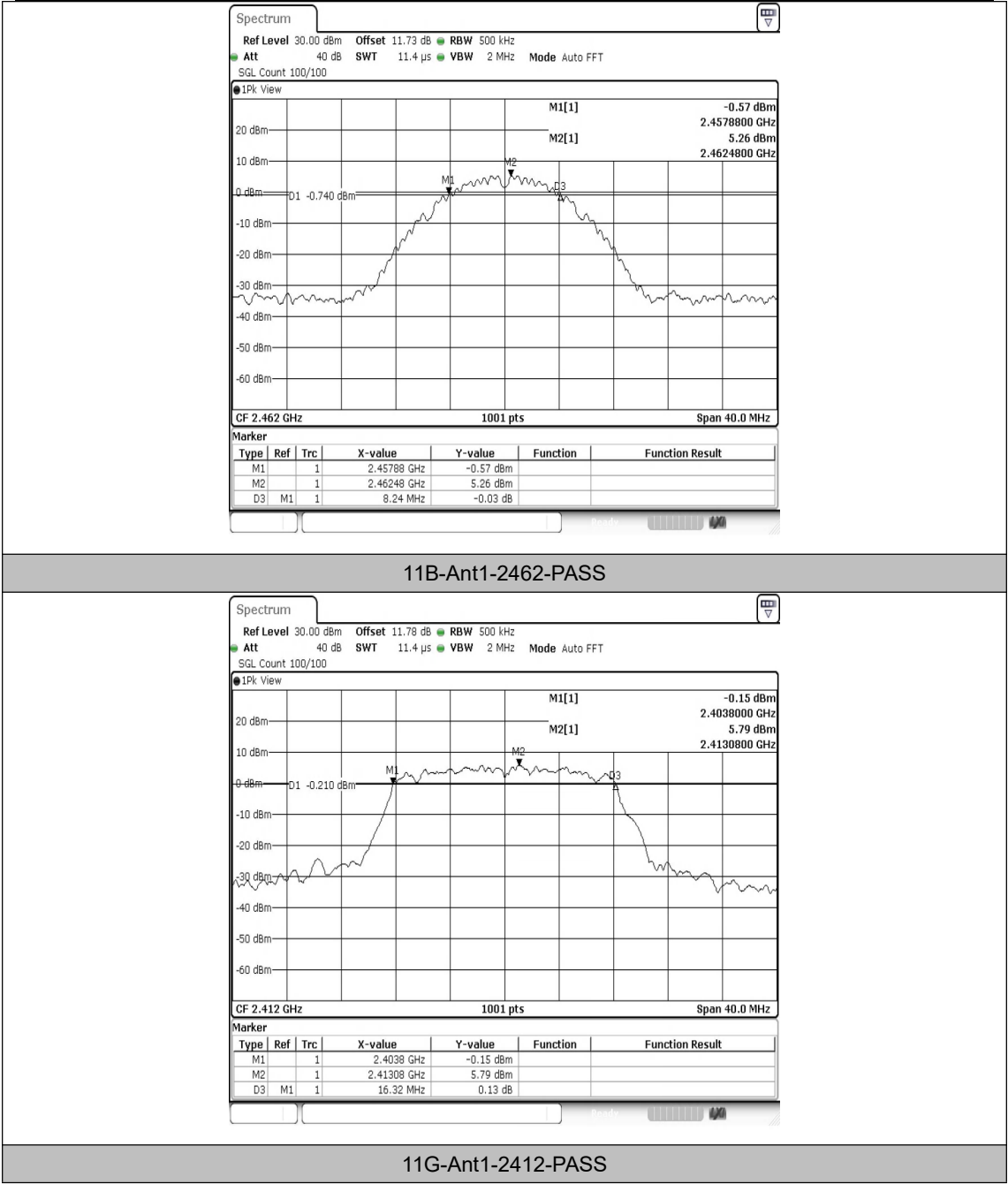
Test Result

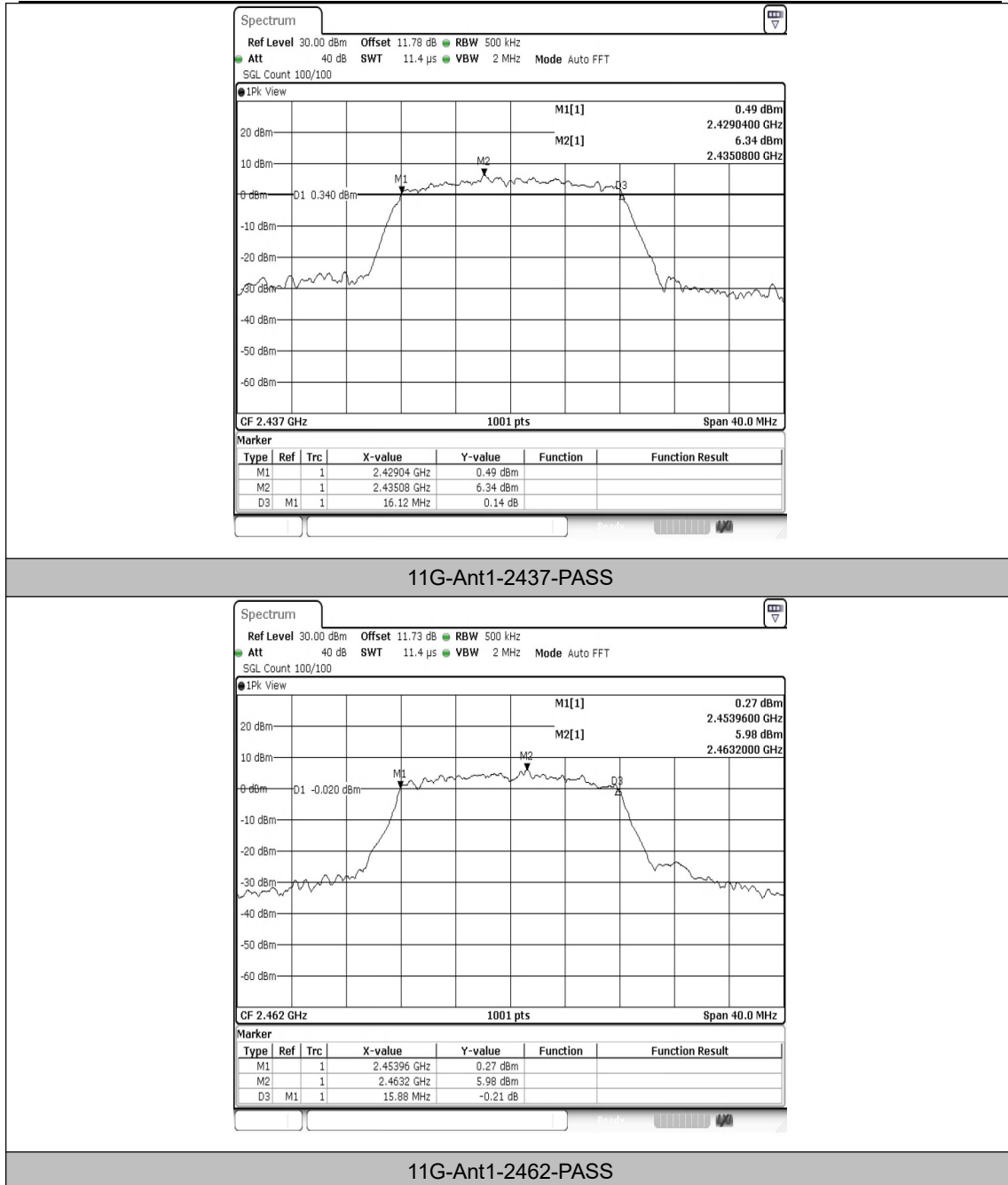
Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.24	2407.88	2416.12	0.5	PASS
11B	Ant1	2437	8.72	2432.40	2441.12	0.5	PASS
11B	Ant1	2462	8.24	2457.88	2466.12	0.5	PASS
11G	Ant1	2412	16.32	2403.80	2420.12	0.5	PASS
11G	Ant1	2437	16.12	2429.04	2445.16	0.5	PASS
11G	Ant1	2462	15.88	2453.96	2469.84	0.5	PASS
11N20SISO	Ant1	2412	17.36	2403.24	2420.60	0.5	PASS
11N20SISO	Ant1	2437	17.00	2428.60	2445.60	0.5	PASS
11N20SISO	Ant1	2462	17.16	2453.36	2470.52	0.5	PASS
11N40SISO	Ant1	2422	31.76	2406.88	2438.64	0.5	PASS
11N40SISO	Ant1	2437	36.32	2418.84	2455.16	0.5	PASS
11N40SISO	Ant1	2452	35.52	2434.16	2469.68	0.5	PASS

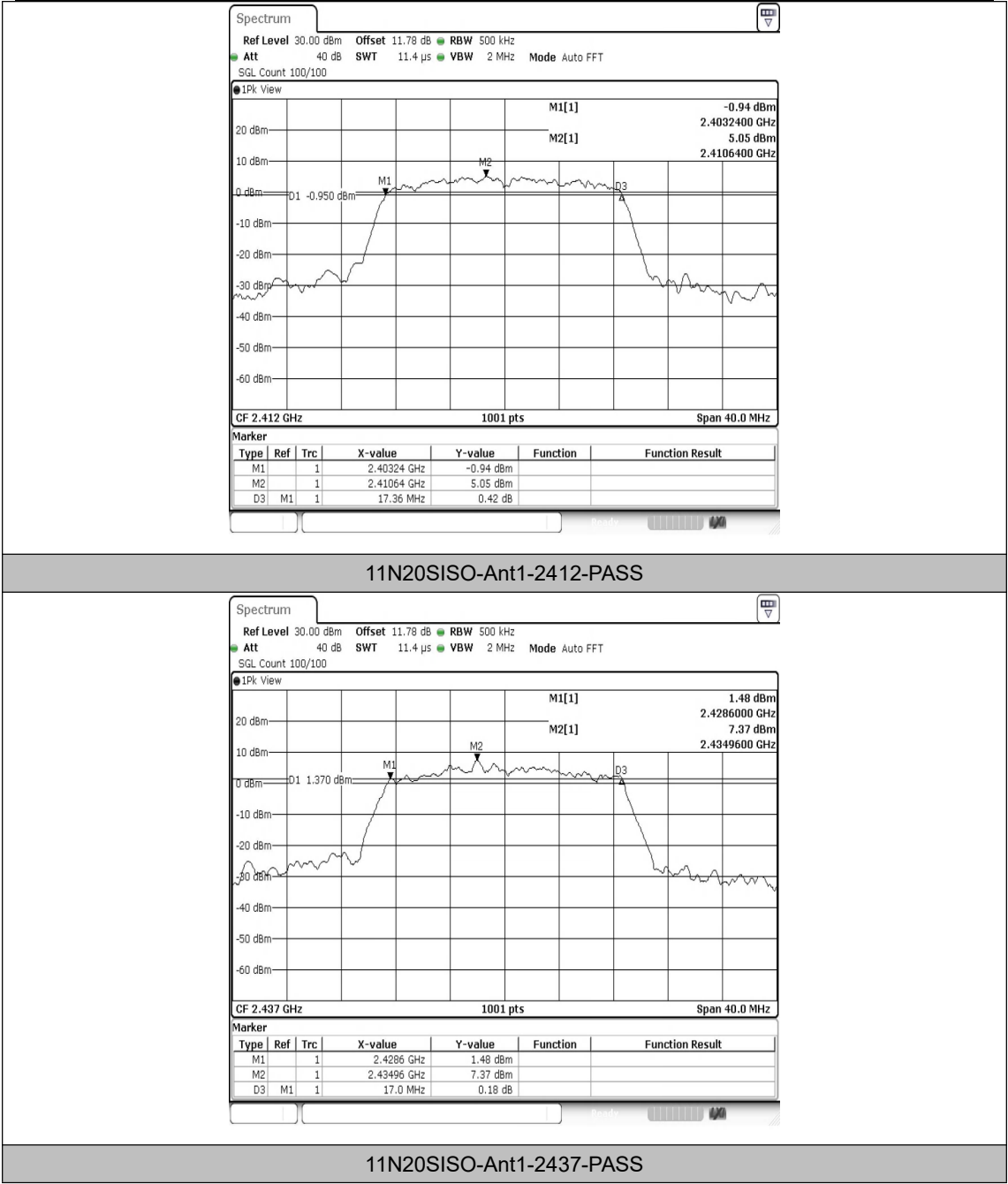


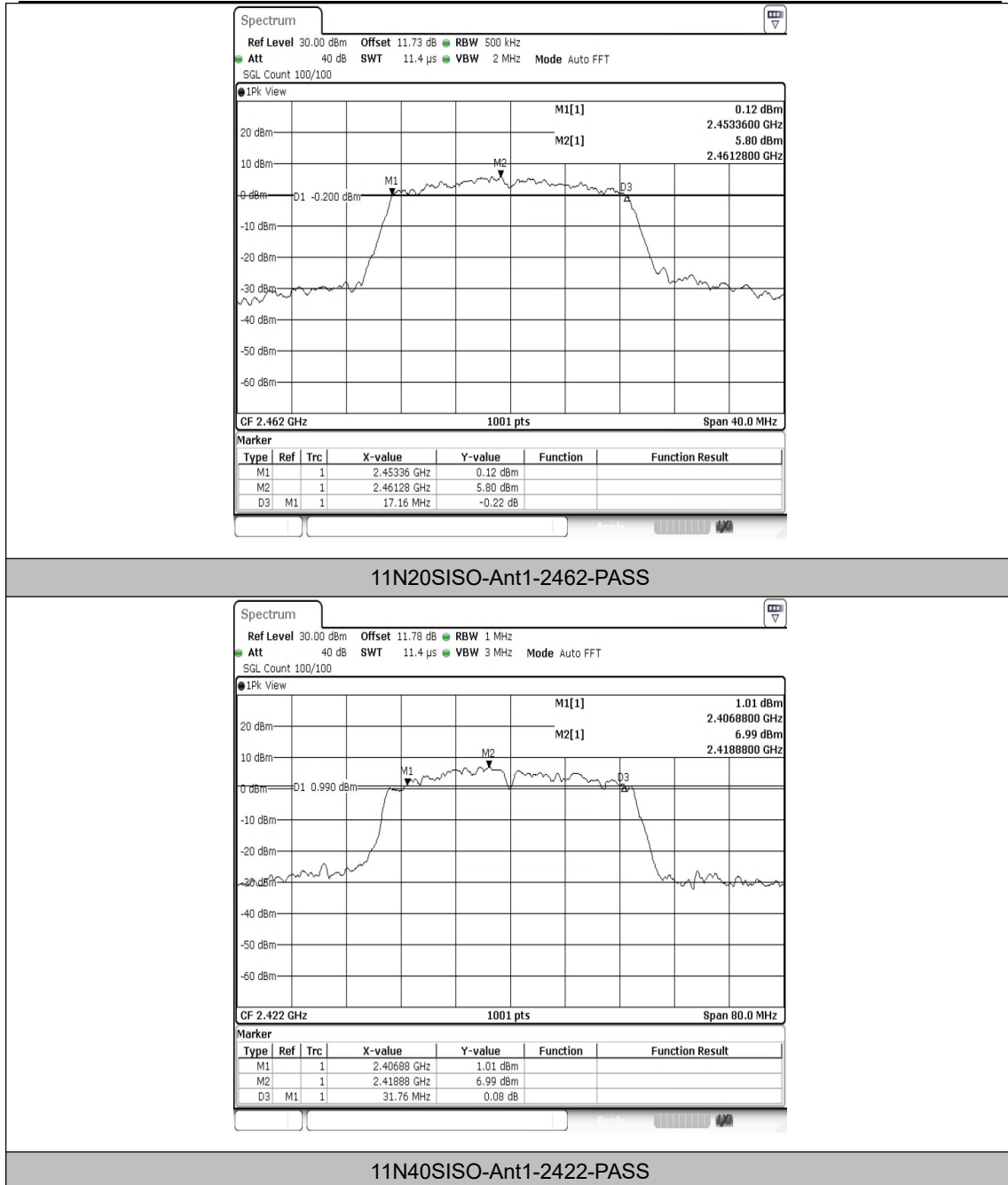
Test Graphs

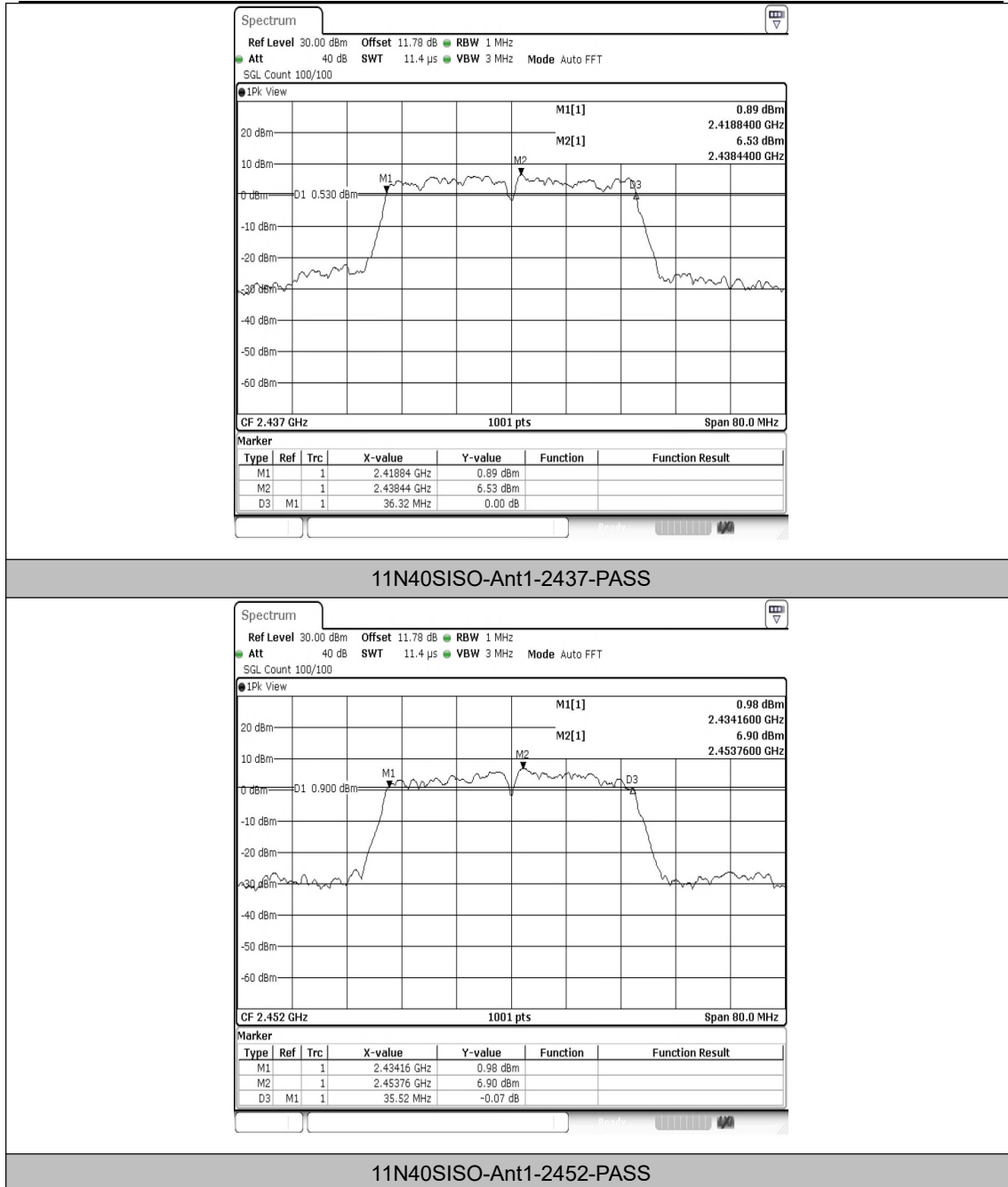












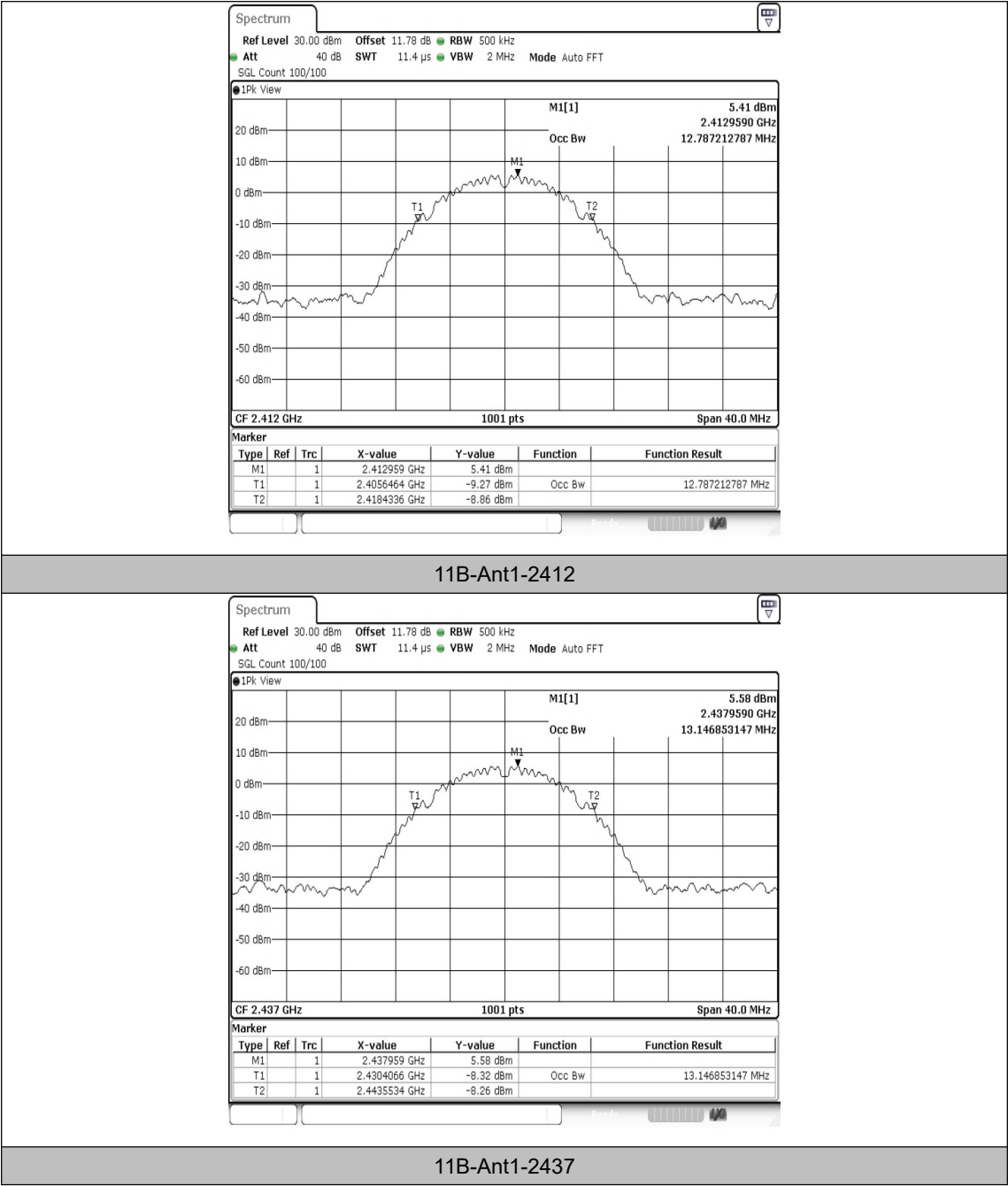
Appendix B: Occupied Channel Bandwidth

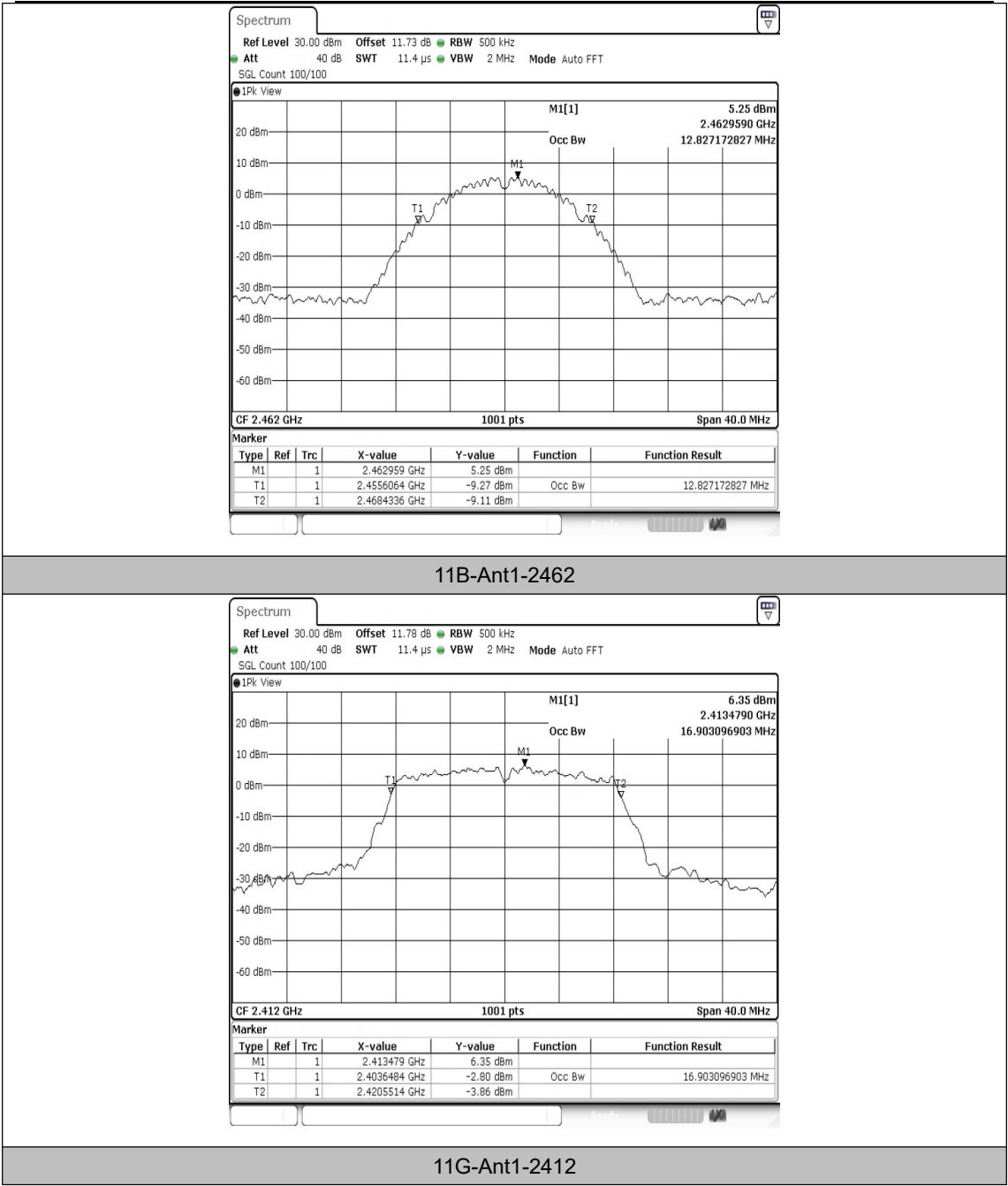
Test Result

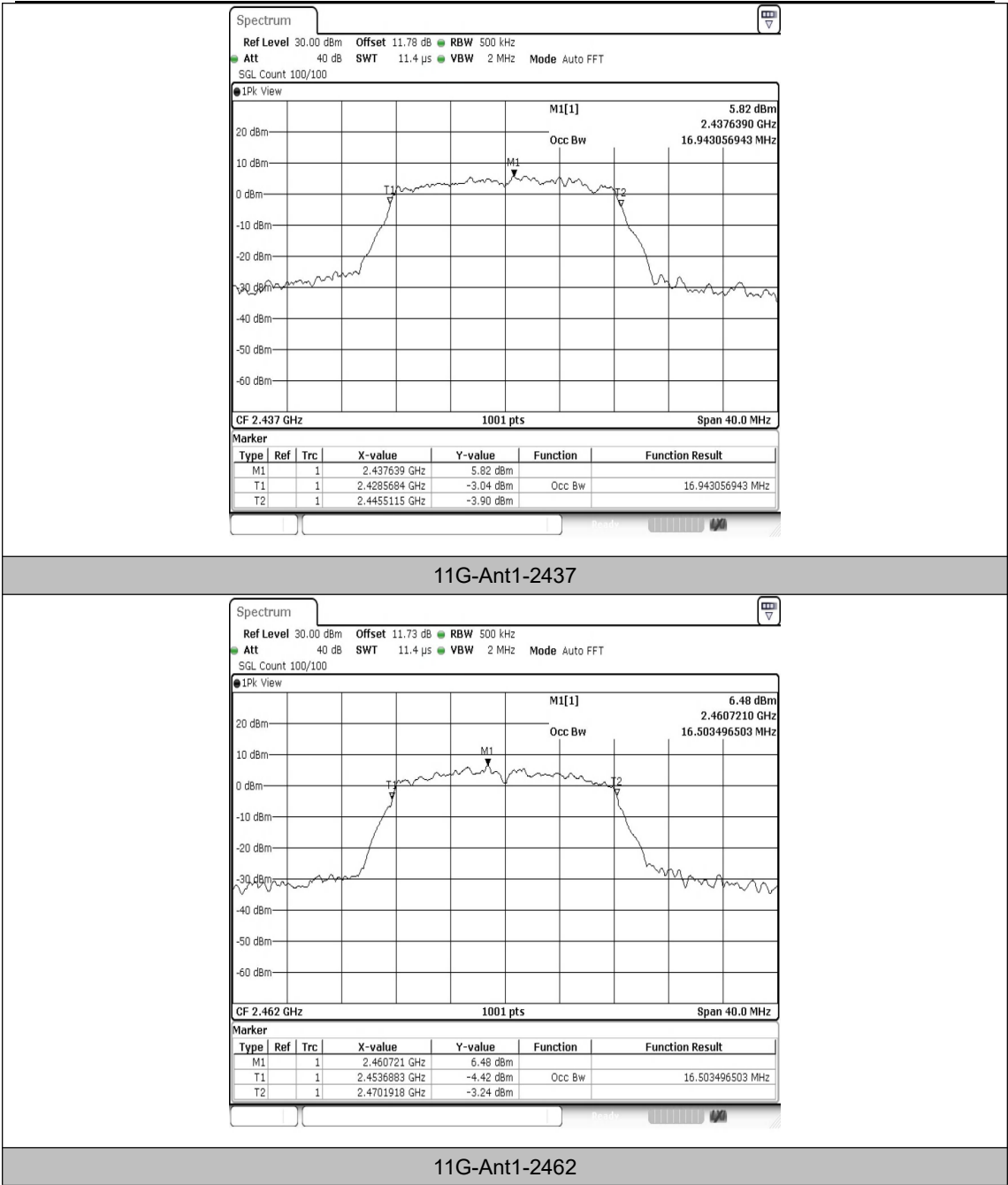
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.787	2405.6464	2418.4336	---	---
11B	Ant1	2437	13.147	2430.4066	2443.5534	---	---
11B	Ant1	2462	12.827	2455.6064	2468.4336	---	---
11G	Ant1	2412	16.903	2403.6484	2420.5514	---	---
11G	Ant1	2437	16.943	2428.5684	2445.5115	---	---
11G	Ant1	2462	16.503	2453.6883	2470.1918	---	---
11N20SISO	Ant1	2412	17.782	2403.0889	2420.8711	---	---
11N20SISO	Ant1	2437	17.902	2428.0490	2445.9510	---	---
11N20SISO	Ant1	2462	17.862	2453.0889	2470.9510	---	---
11N40SISO	Ant1	2422	36.044	2403.9381	2439.9820	---	---
11N40SISO	Ant1	2437	36.683	2418.6184	2455.3017	---	---
11N40SISO	Ant1	2452	36.124	2433.7782	2469.9021	---	---

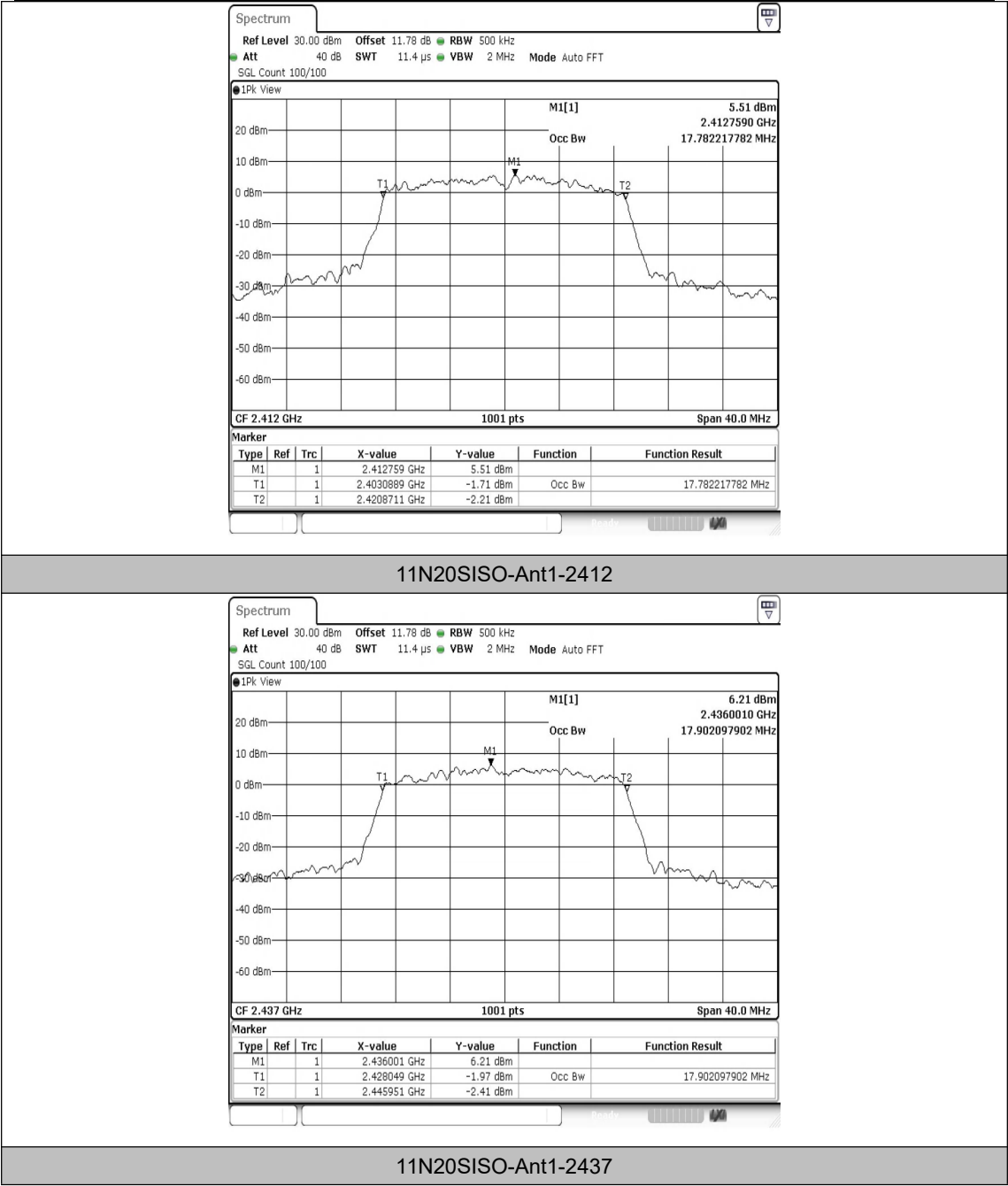


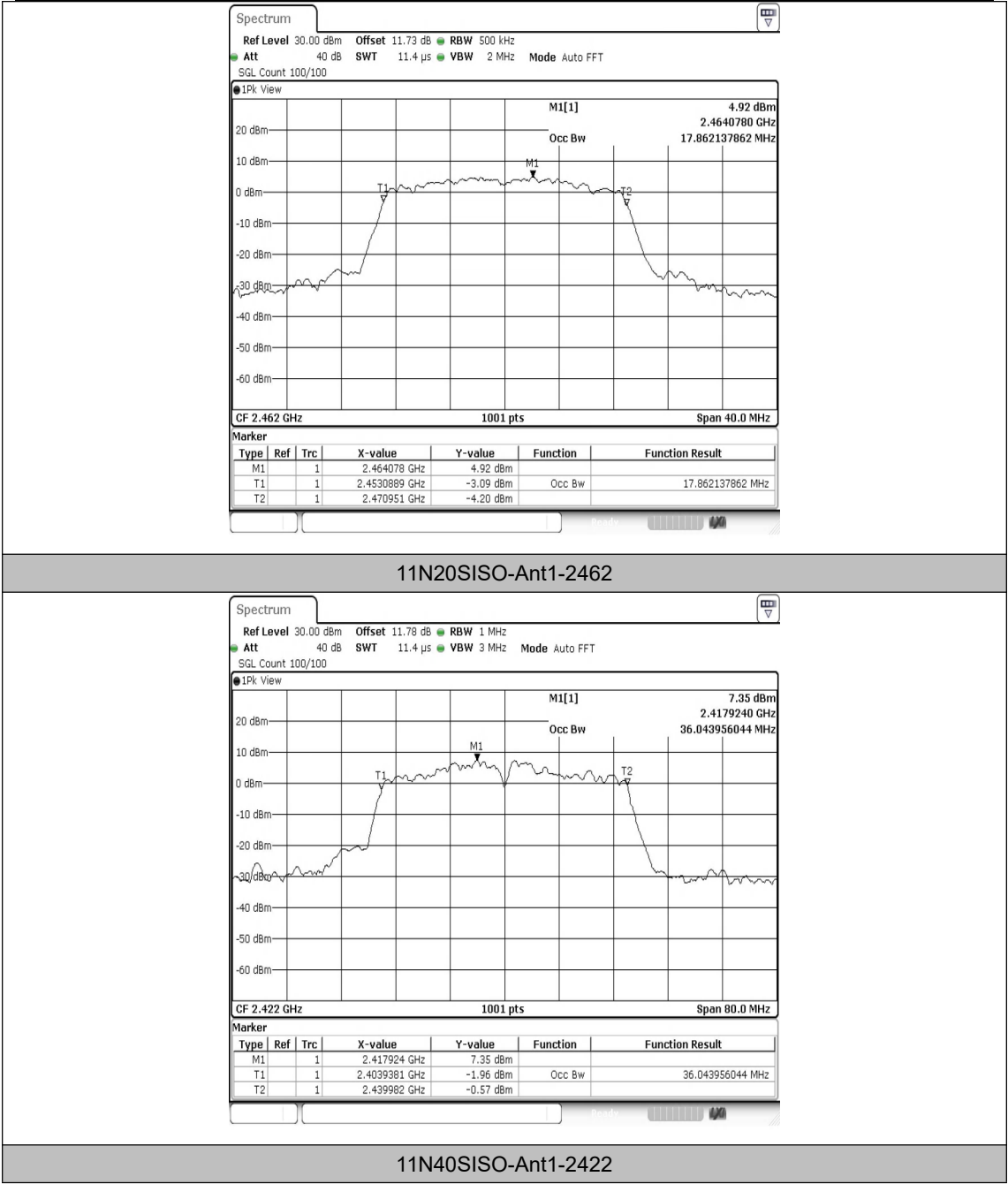
Test Graphs

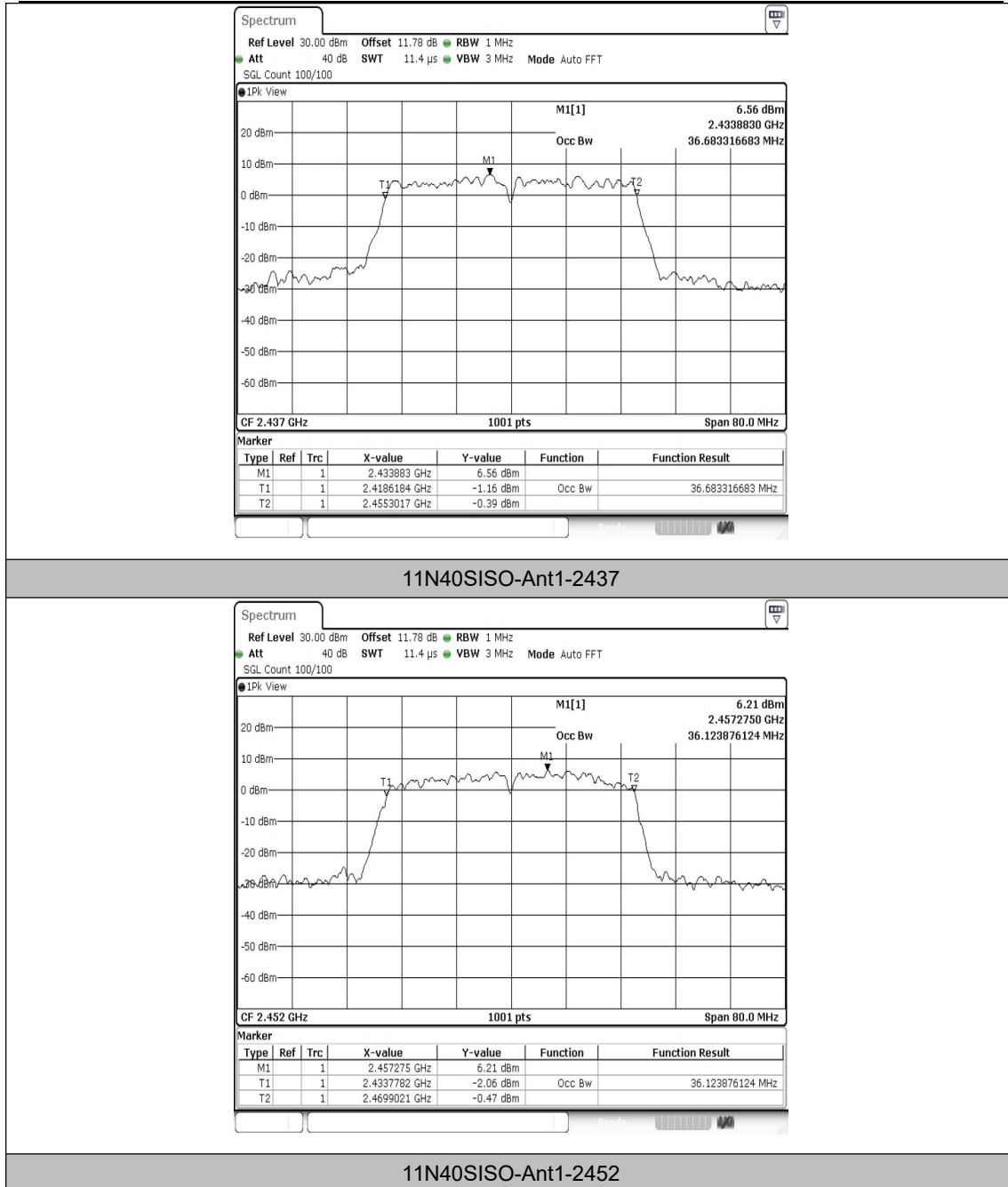












Appendix C: Maximum conducted output power

Test Result Average

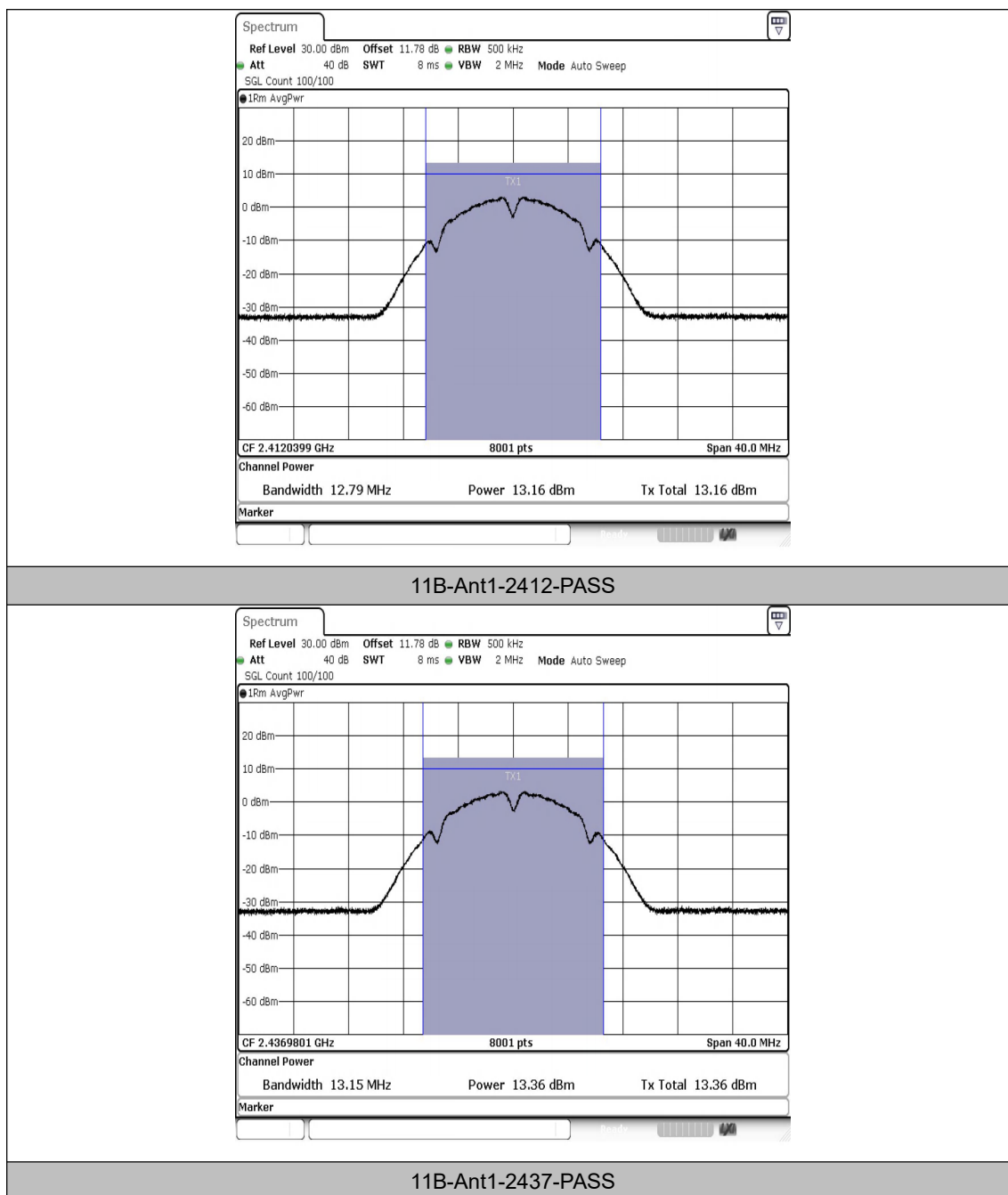
Test Mode	Antenna	Frequency [MHz]	Set Power	Average power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	NA	13.16	99.64	0.02	13.18	≤30.00	PASS
11B	Ant1	2437	NA	13.36	99.64	0.02	13.38	≤30.00	PASS
11B	Ant1	2462	NA	12.95	99.76	0.01	12.96	≤30.00	PASS
11G	Ant1	2412	NA	12.87	97.90	0.09	12.96	≤30.00	PASS
11G	Ant1	2437	NA	12.97	97.90	0.09	13.06	≤30.00	PASS
11G	Ant1	2462	NA	12.54	97.89	0.09	12.63	≤30.00	PASS
11N20SISO	Ant1	2412	NA	12.72	97.01	0.13	12.85	≤30.00	PASS
11N20SISO	Ant1	2437	NA	13.15	97.01	0.13	13.28	≤30.00	PASS
11N20SISO	Ant1	2462	NA	12.67	97.01	0.13	12.80	≤30.00	PASS
11N40SISO	Ant1	2422	NA	12.94	95.59	0.20	13.14	≤30.00	PASS
11N40SISO	Ant1	2437	NA	13.11	94.20	0.26	13.37	≤30.00	PASS
11N40SISO	Ant1	2452	NA	12.71	95.59	0.20	12.91	≤30.00	PASS

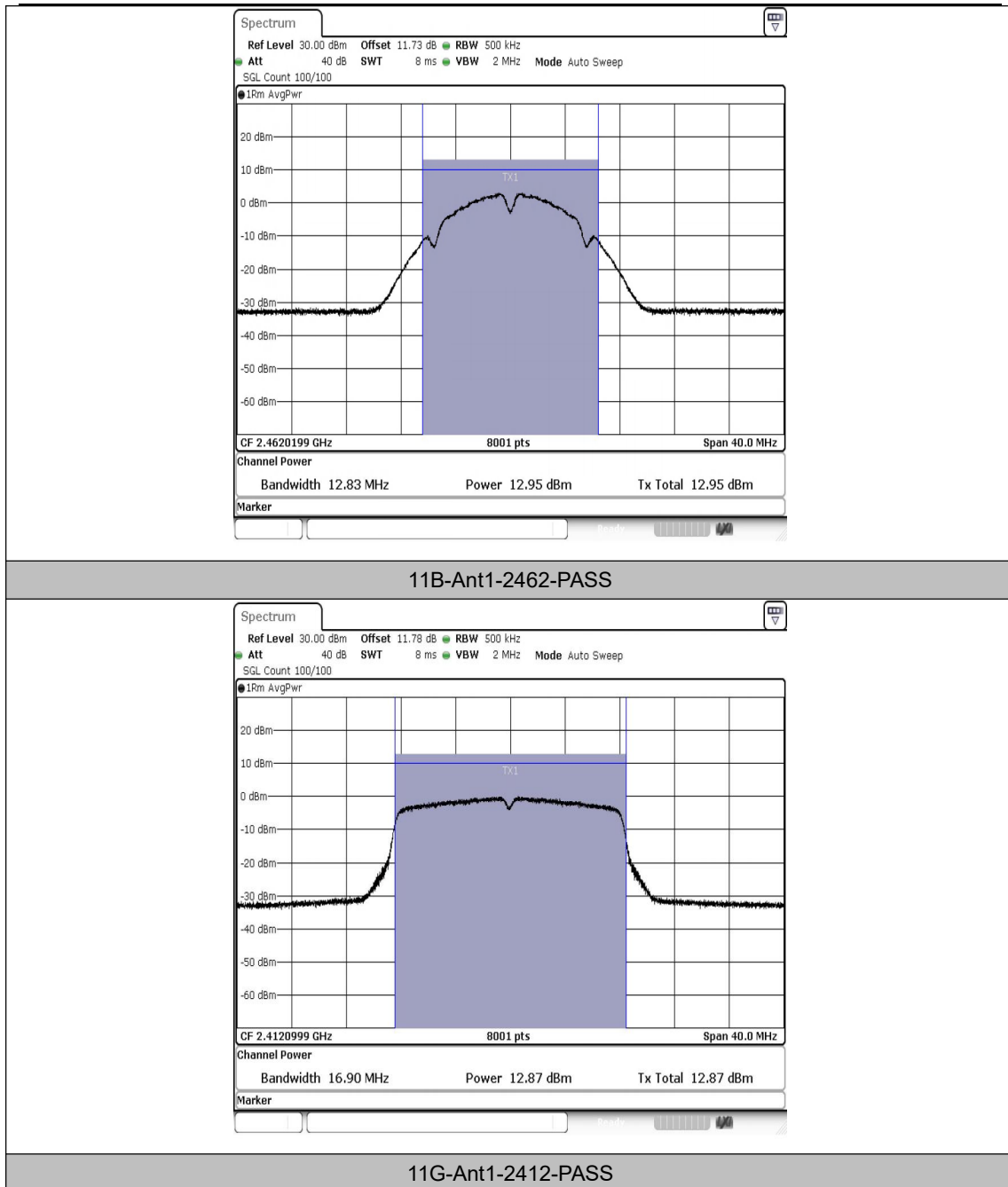
Note:

1. The cable loss are compensated in the graph



Test Graphs Average



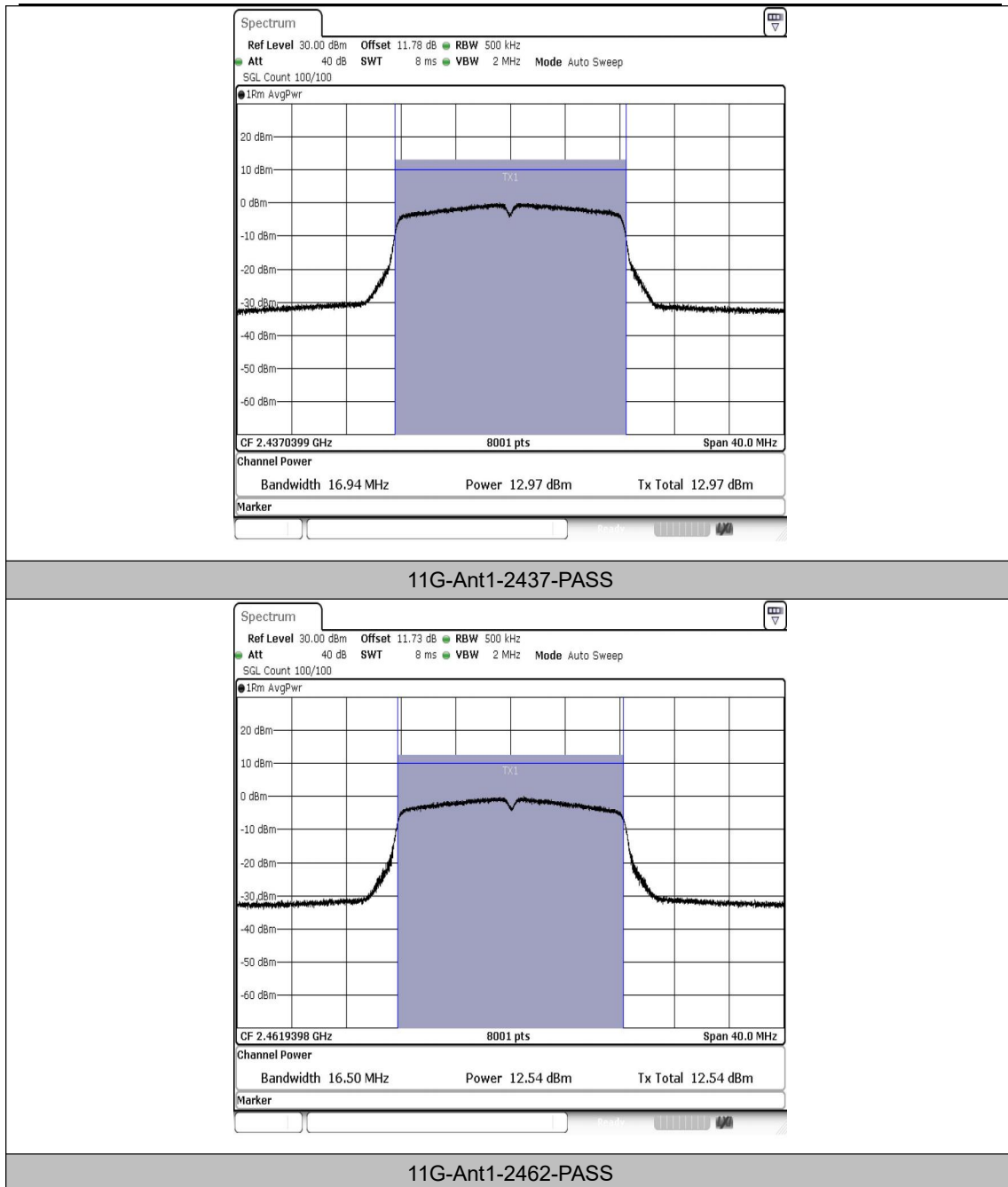


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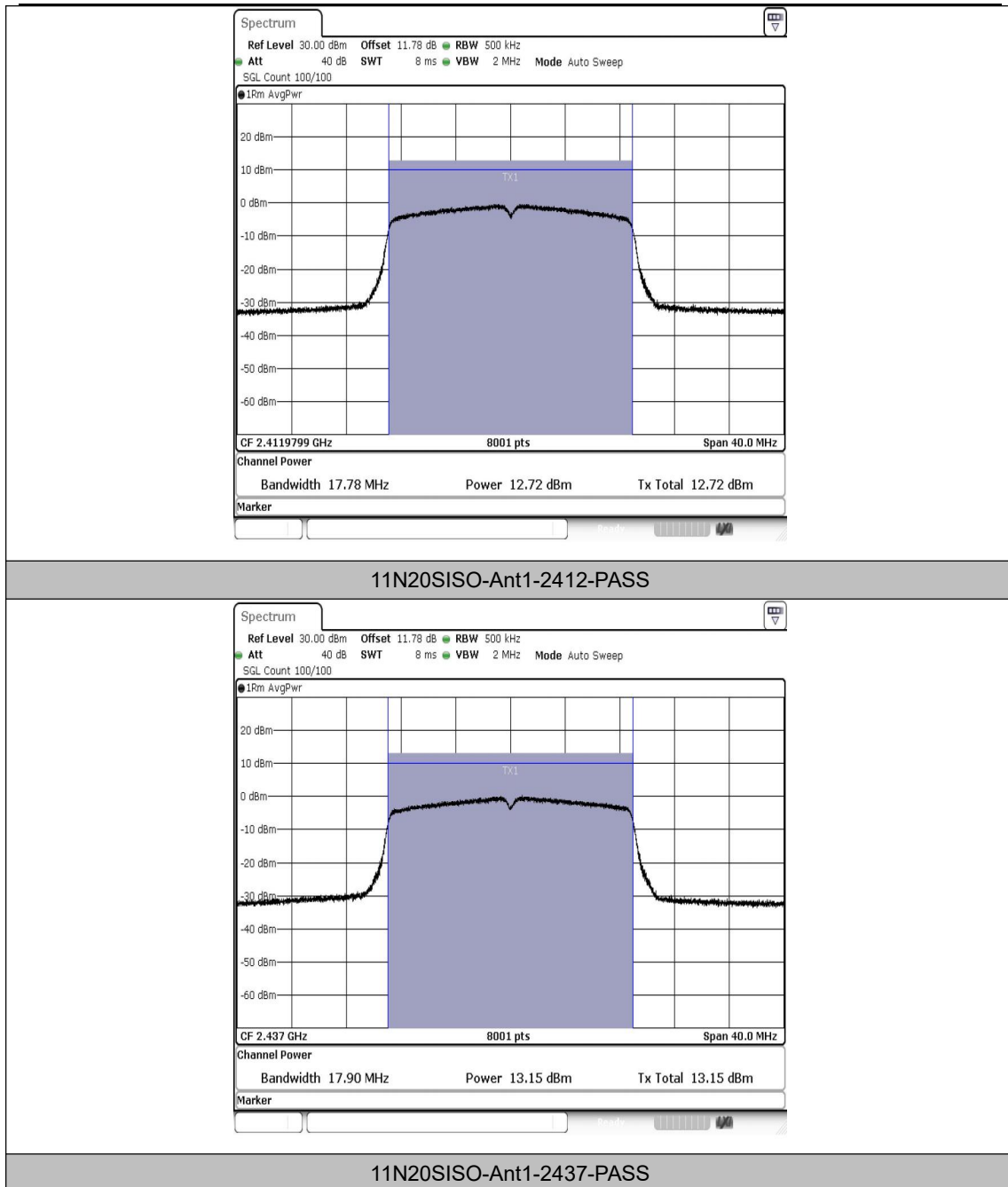


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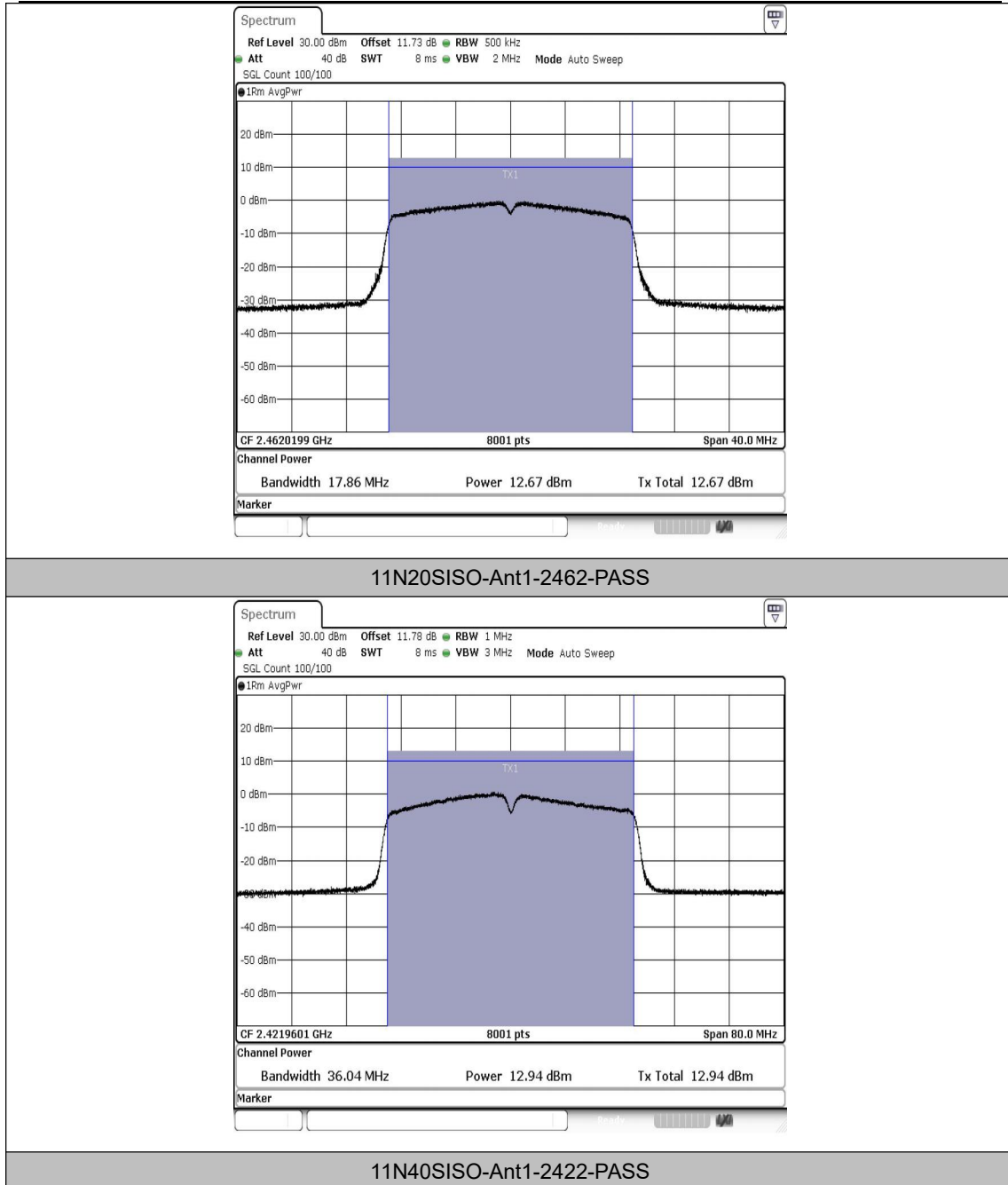


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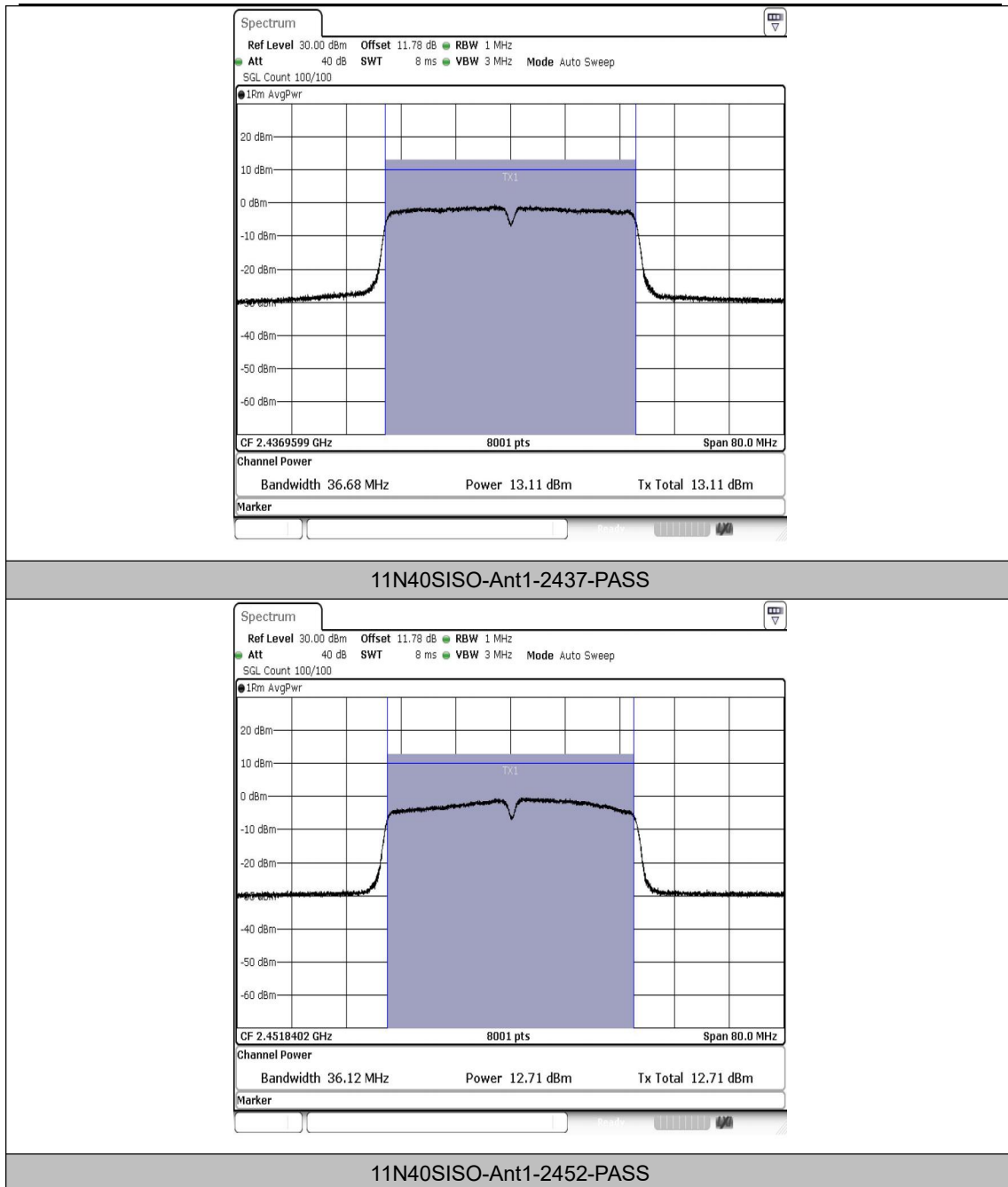


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Appendix D: Maximum power spectral density

Test Result

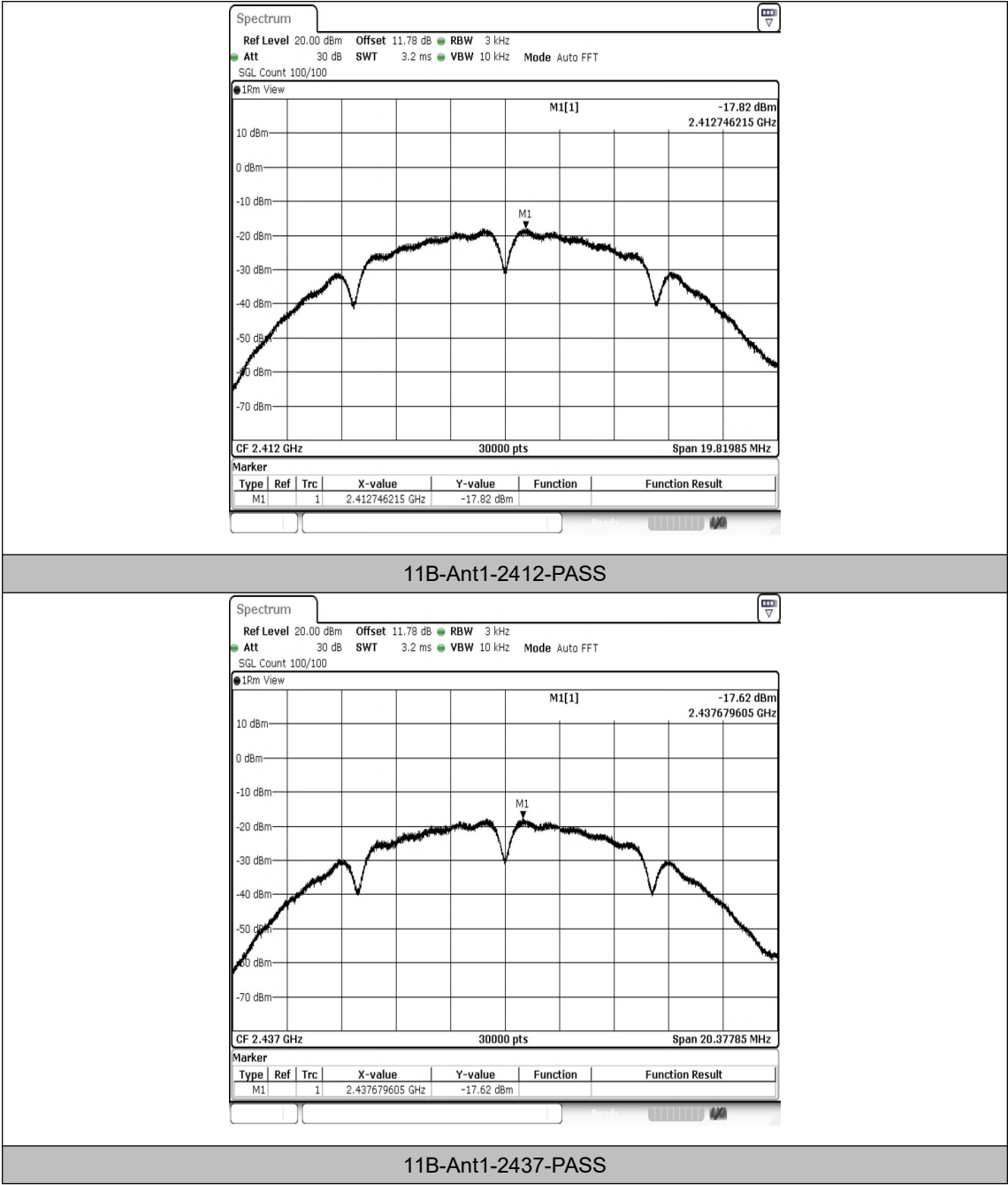
TestMode	Antenna	Frequency [MHz]	Reading Result [dBm/3kHz]	DC Factor [dB]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-17.82	0.02	-17.80	≤8.00	PASS
11B	Ant1	2437	-17.62	0.02	-17.60	≤8.00	PASS
11B	Ant1	2462	-18.06	0.01	-18.05	≤8.00	PASS
11G	Ant1	2412	-20.37	0.09	-20.28	≤8.00	PASS
11G	Ant1	2437	-20.32	0.09	-20.23	≤8.00	PASS
11G	Ant1	2462	-20.49	0.09	-20.40	≤8.00	PASS
11N20SISO	Ant1	2412	-20.17	0.13	-20.04	≤8.00	PASS
11N20SISO	Ant1	2437	-20.22	0.13	-20.09	≤8.00	PASS
11N20SISO	Ant1	2462	-20.64	0.13	-20.51	≤8.00	PASS
11N40SISO	Ant1	2422	-21.28	0.20	-21.08	≤8.00	PASS
11N40SISO	Ant1	2437	-21.86	0.26	-21.60	≤8.00	PASS
11N40SISO	Ant1	2452	-21.34	0.20	-21.14	≤8.00	PASS

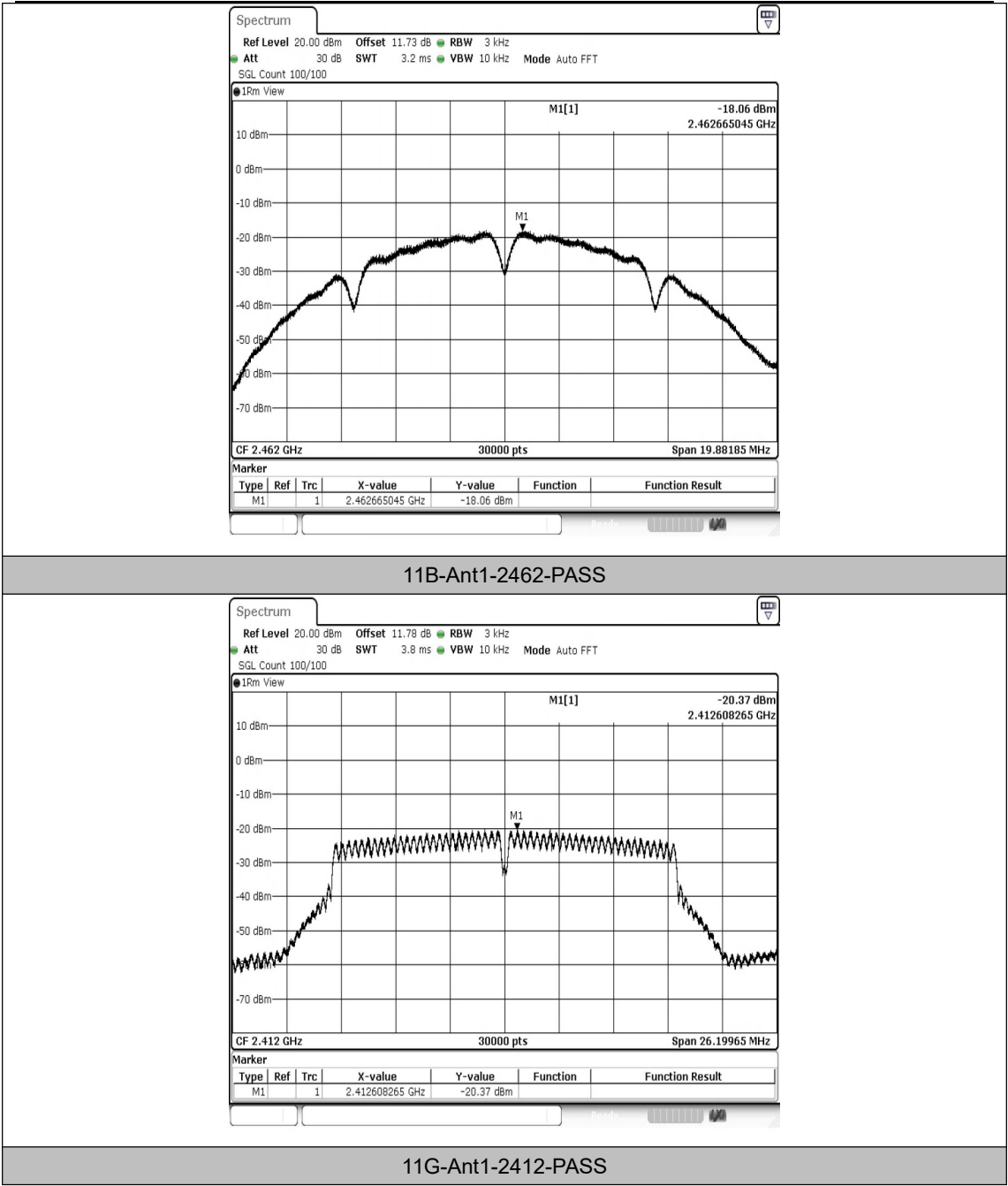
Note:

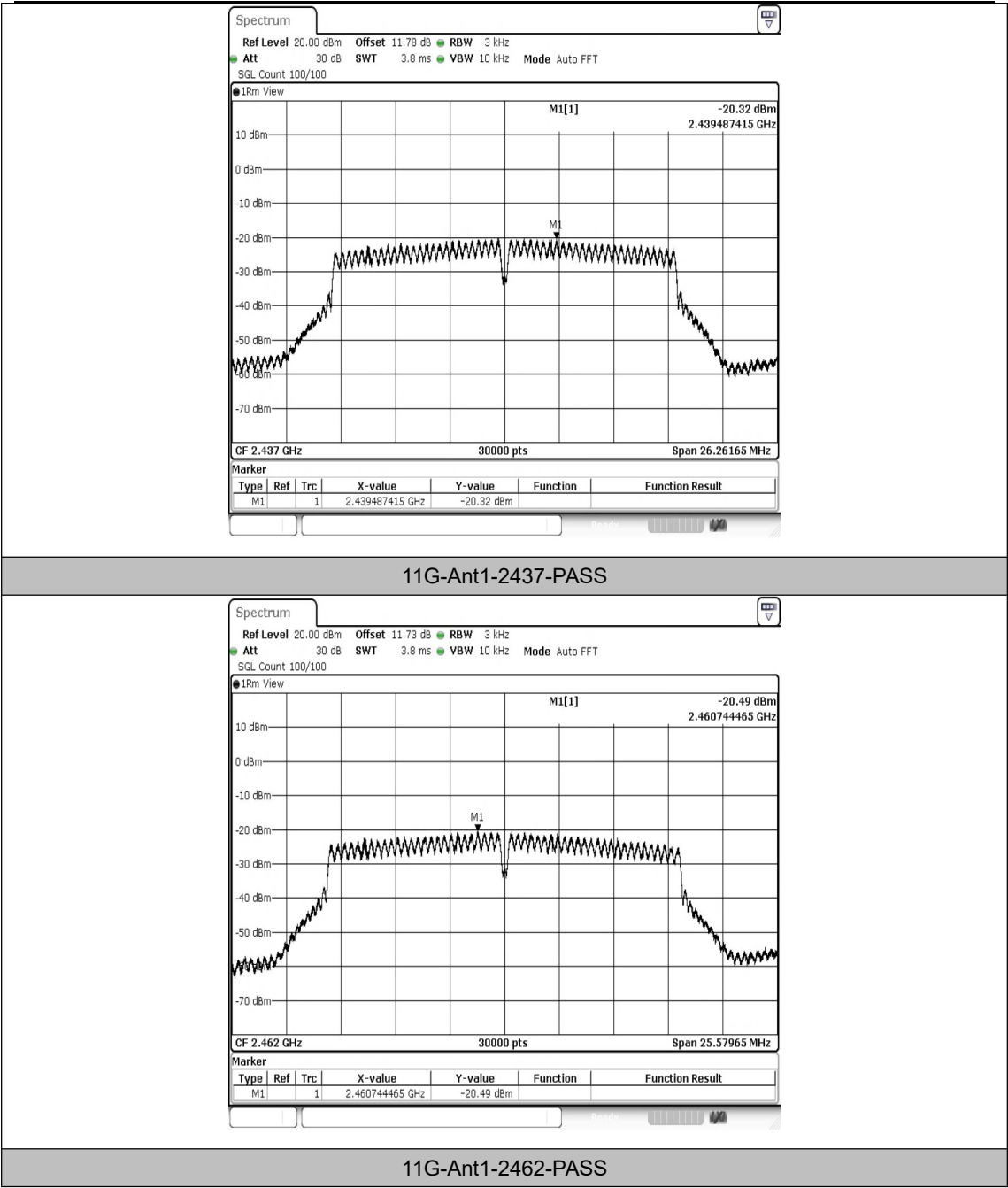
1. The cable loss are compensated in the graph.



Test Graphs





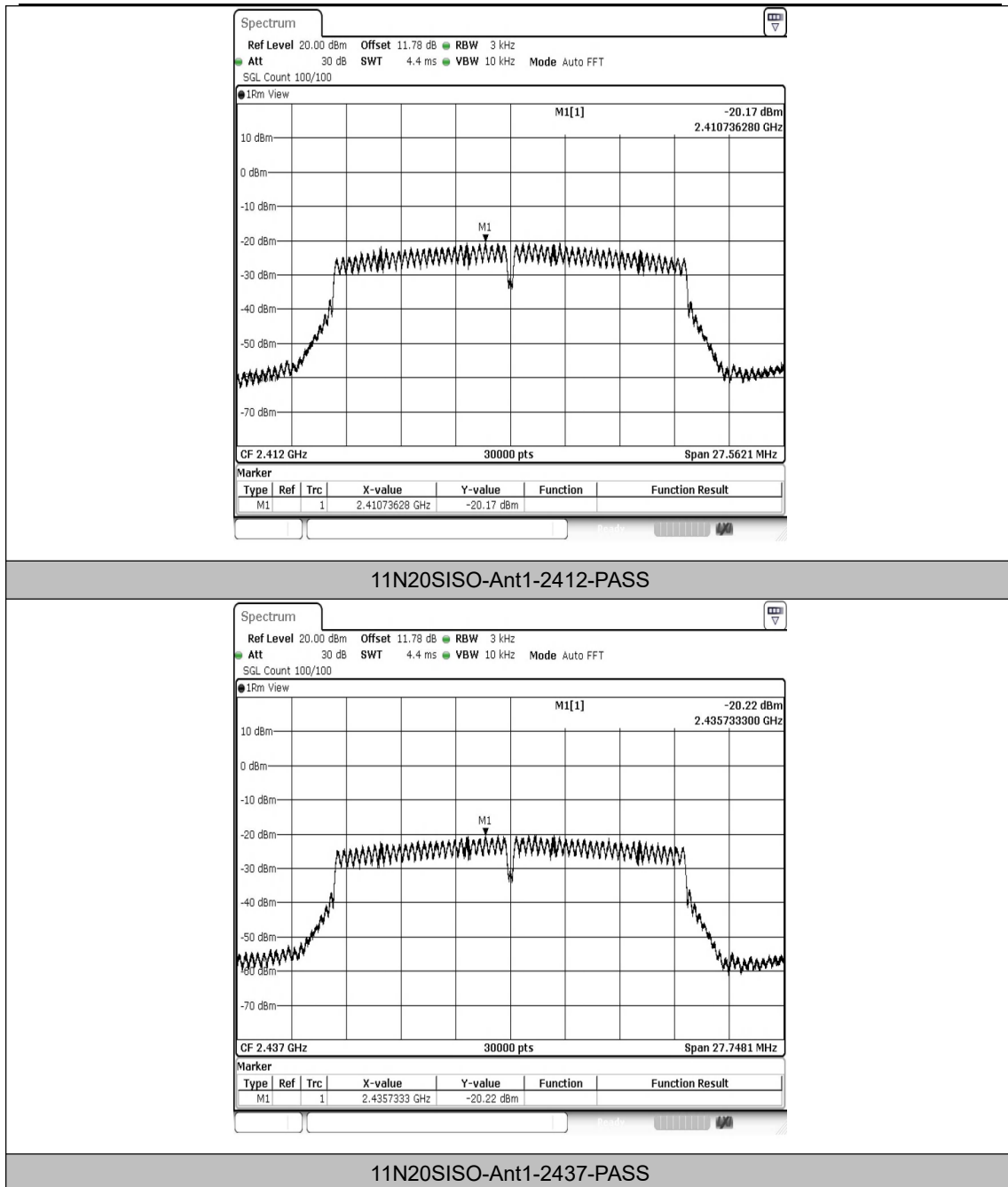


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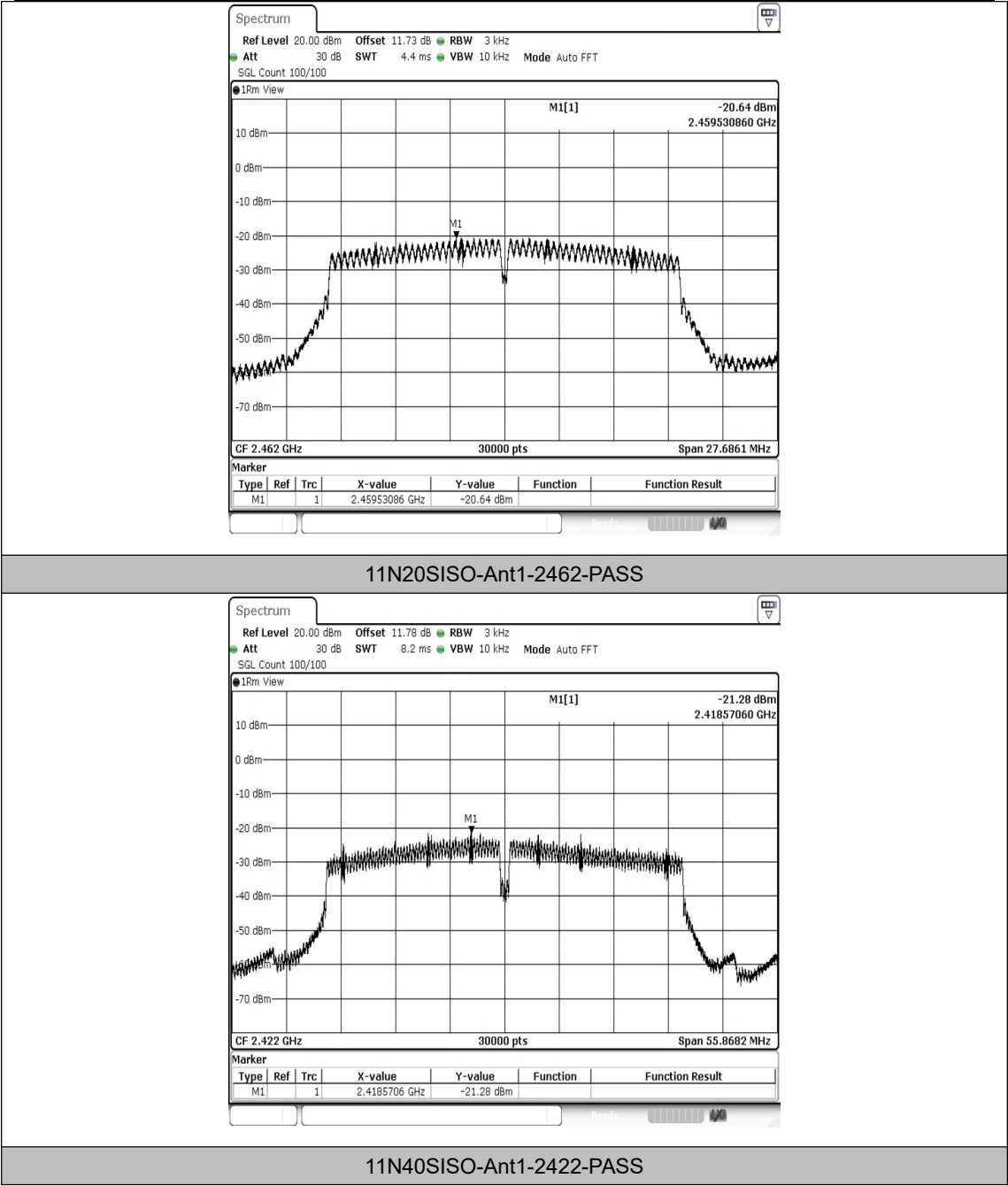


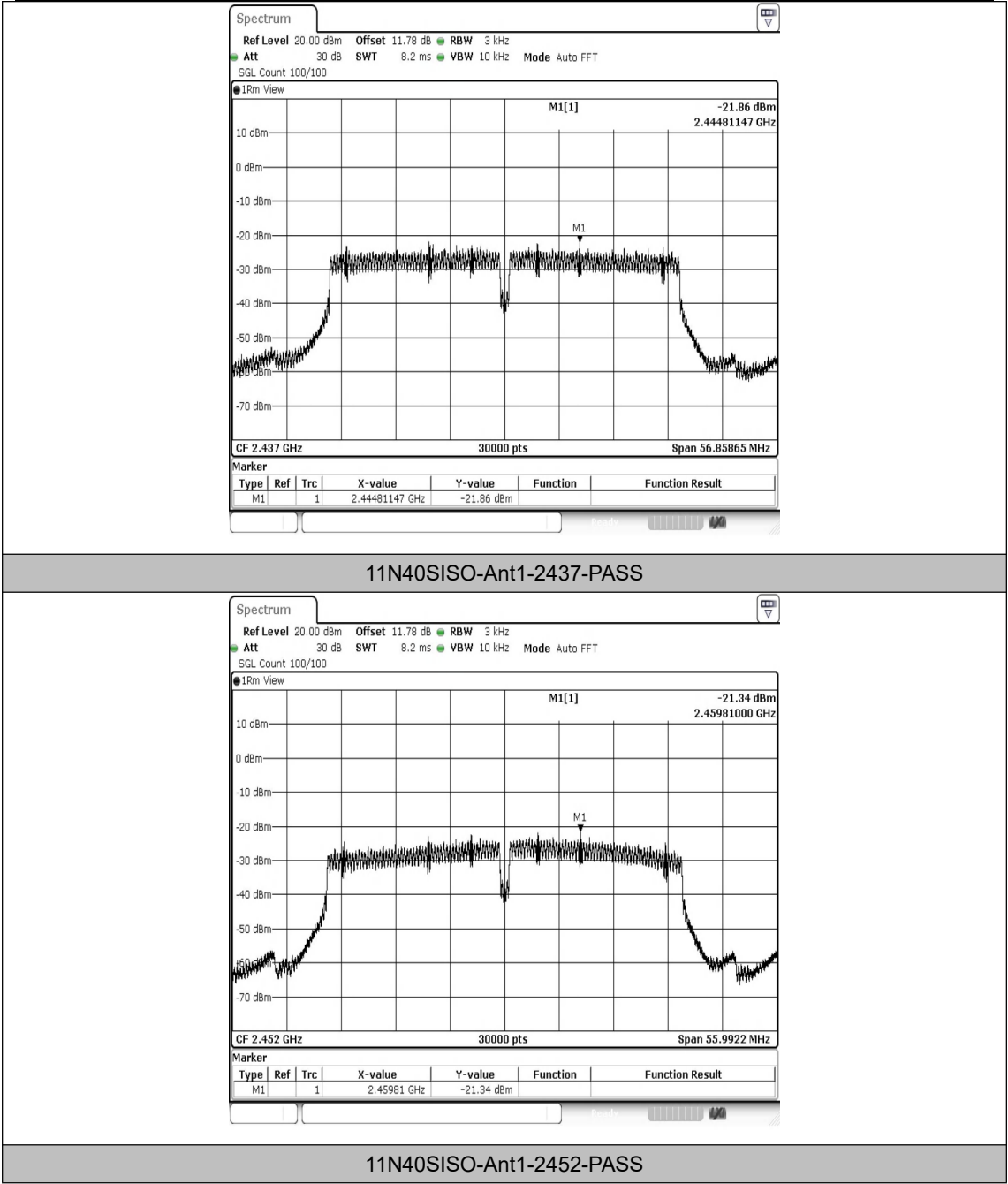
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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.95	-51.36	≤-27.05	PASS
11B	Ant1	High	2462	2.55	-59.59	≤-27.45	PASS
11G	Ant1	Low	2412	1.75	-33.65	≤-28.25	PASS
11G	Ant1	High	2462	2.33	-50.89	≤-27.67	PASS
11N20SISO	Ant1	Low	2412	-0.03	-33.08	≤-30.03	PASS
11N20SISO	Ant1	High	2462	-0.34	-48.53	≤-30.34	PASS
11N40SISO	Ant1	Low	2422	0.36	-34.64	≤-29.64	PASS
11N40SISO	Ant1	High	2452	-0.23	-40.03	≤-30.23	PASS



Test Graphs

