

Appendix Test Data

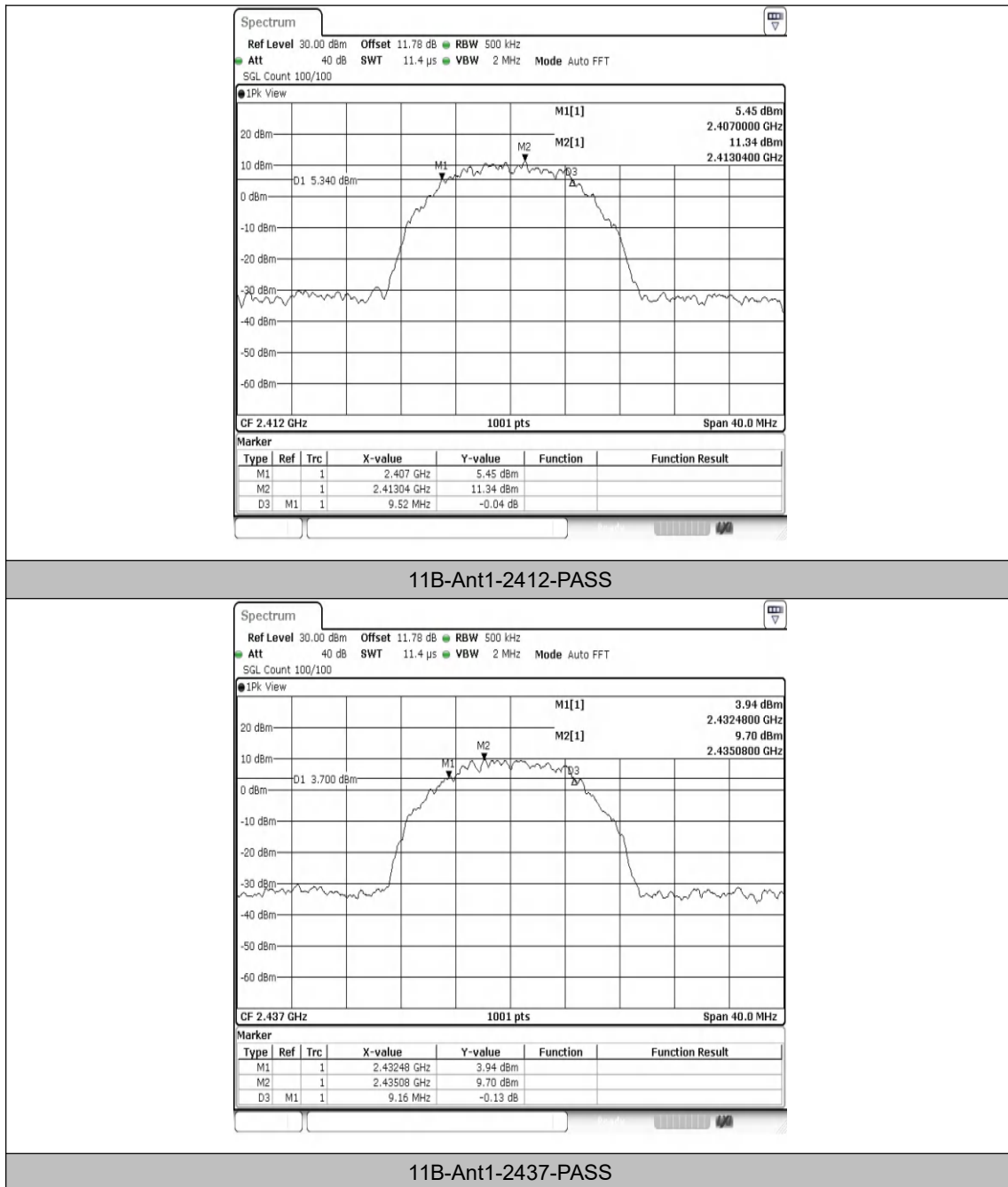
Report No.:	1812C50101612502	Test Sample No.:	1-2-2
Start Test Date:	2025.3.20	Finish Test Date:	2025.3.31
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	24.5°C	Relative Humidity:	44%
Pressure:	101kPa		

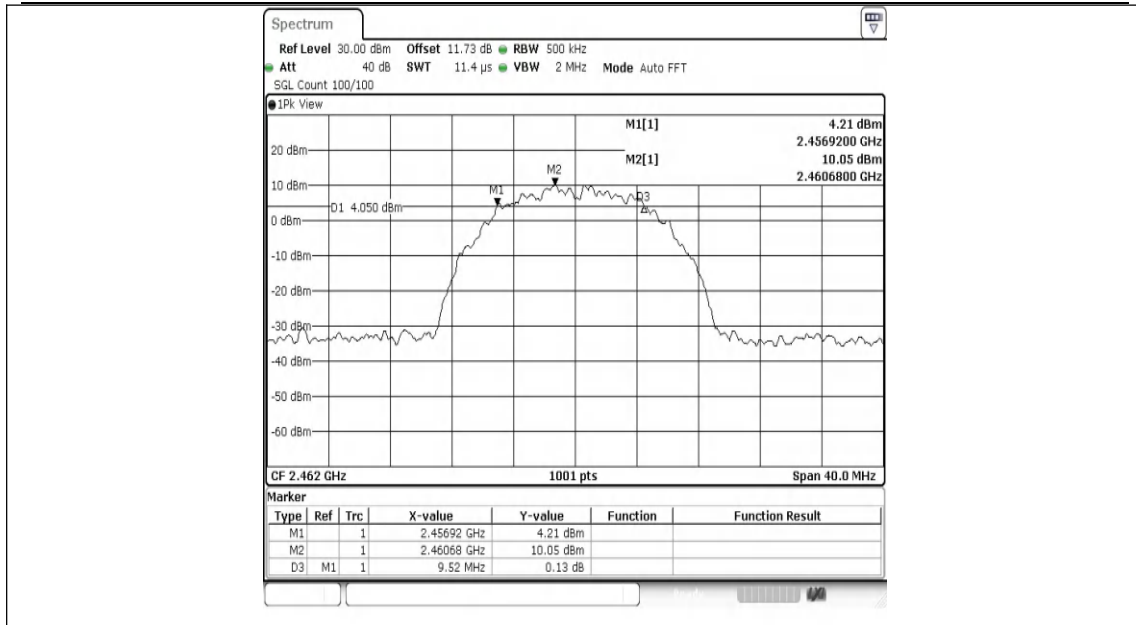
Appendix A: 6dB Bandwidth

Test Result

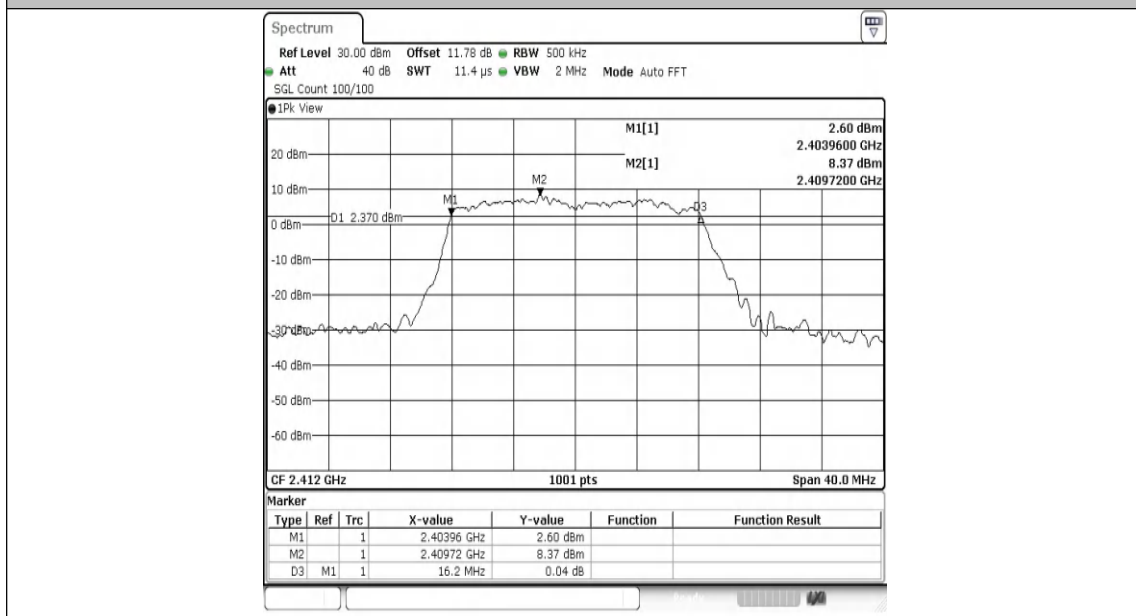
Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.52	2407.00	2416.52	0.5	PASS
11B	Ant1	2437	9.16	2432.48	2441.64	0.5	PASS
11B	Ant1	2462	9.52	2456.92	2466.44	0.5	PASS
11G	Ant1	2412	16.20	2403.96	2420.16	0.5	PASS
11G	Ant1	2437	16.68	2428.84	2445.52	0.5	PASS
11G	Ant1	2462	16.64	2453.56	2470.20	0.5	PASS
11N20SISO	Ant1	2412	17.04	2403.48	2420.52	0.5	PASS
11N20SISO	Ant1	2437	16.84	2428.56	2445.40	0.5	PASS
11N20SISO	Ant1	2462	16.92	2453.56	2470.48	0.5	PASS

Test Graphs

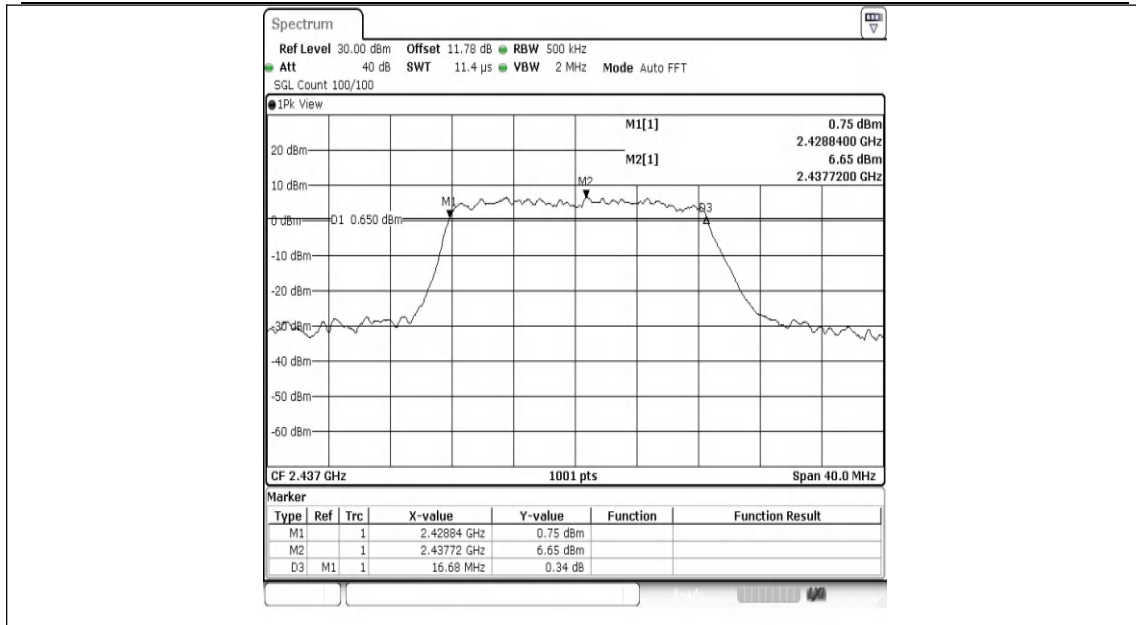




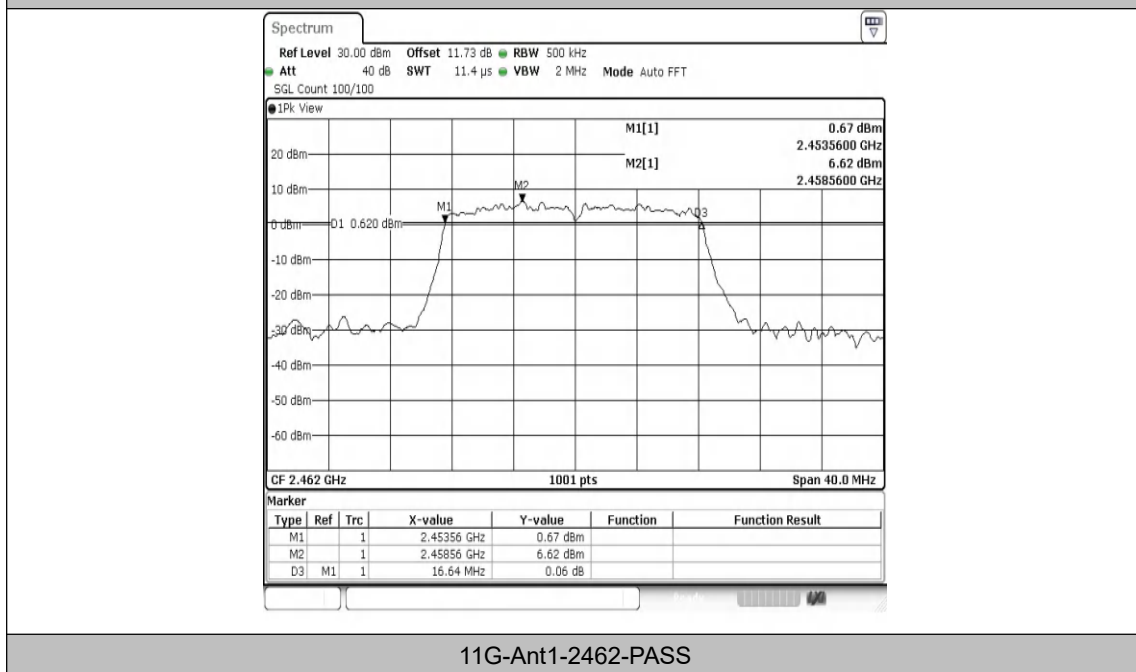
11B-Ant1-2462-PASS



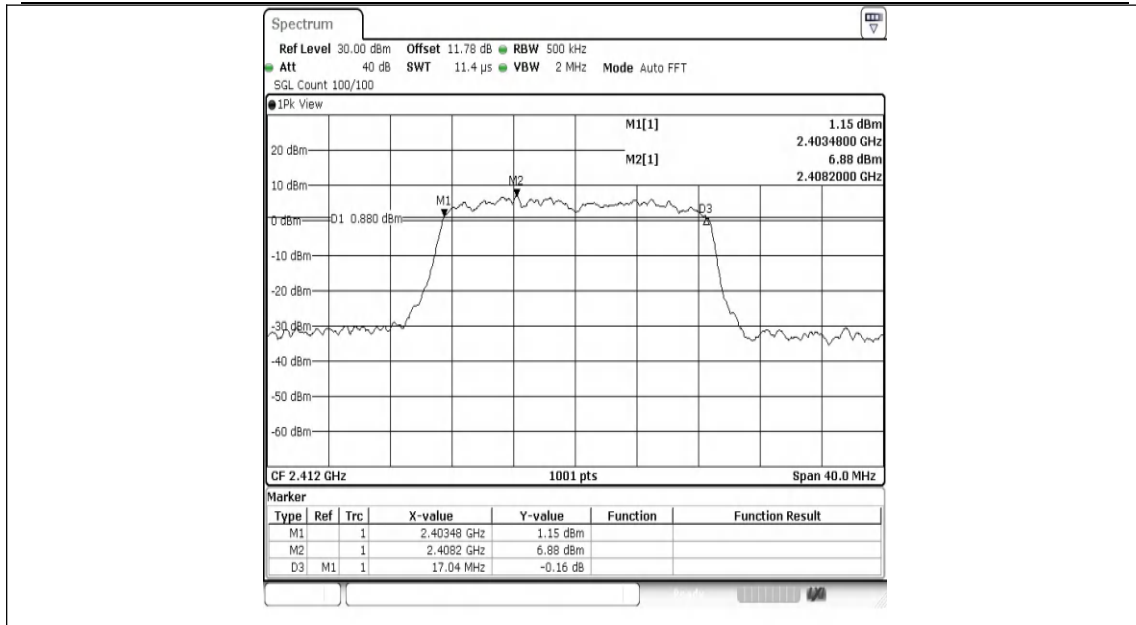
11G-Ant1-2412-PASS



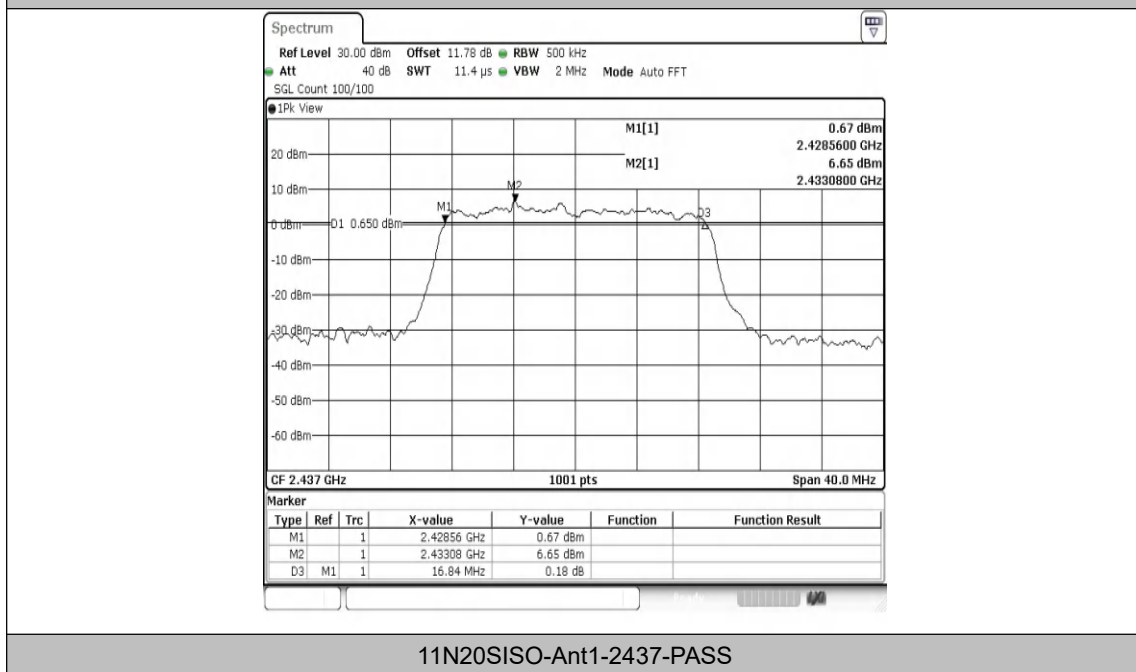
11G-Ant1-2437-PASS



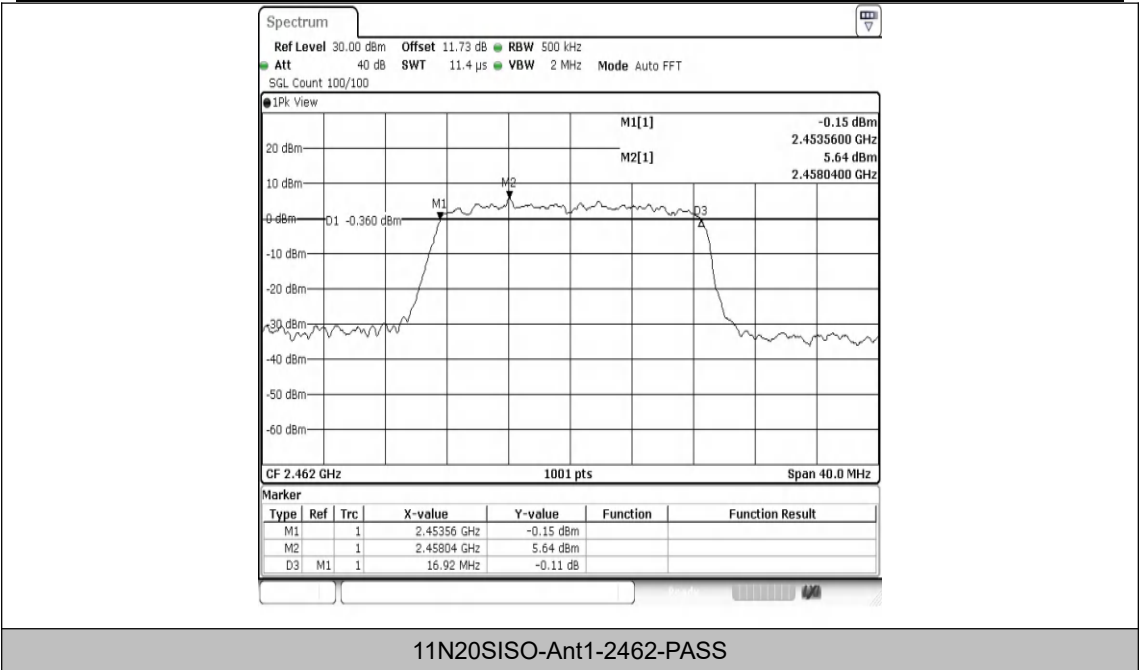
11G-Ant1-2462-PASS



11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2437-PASS



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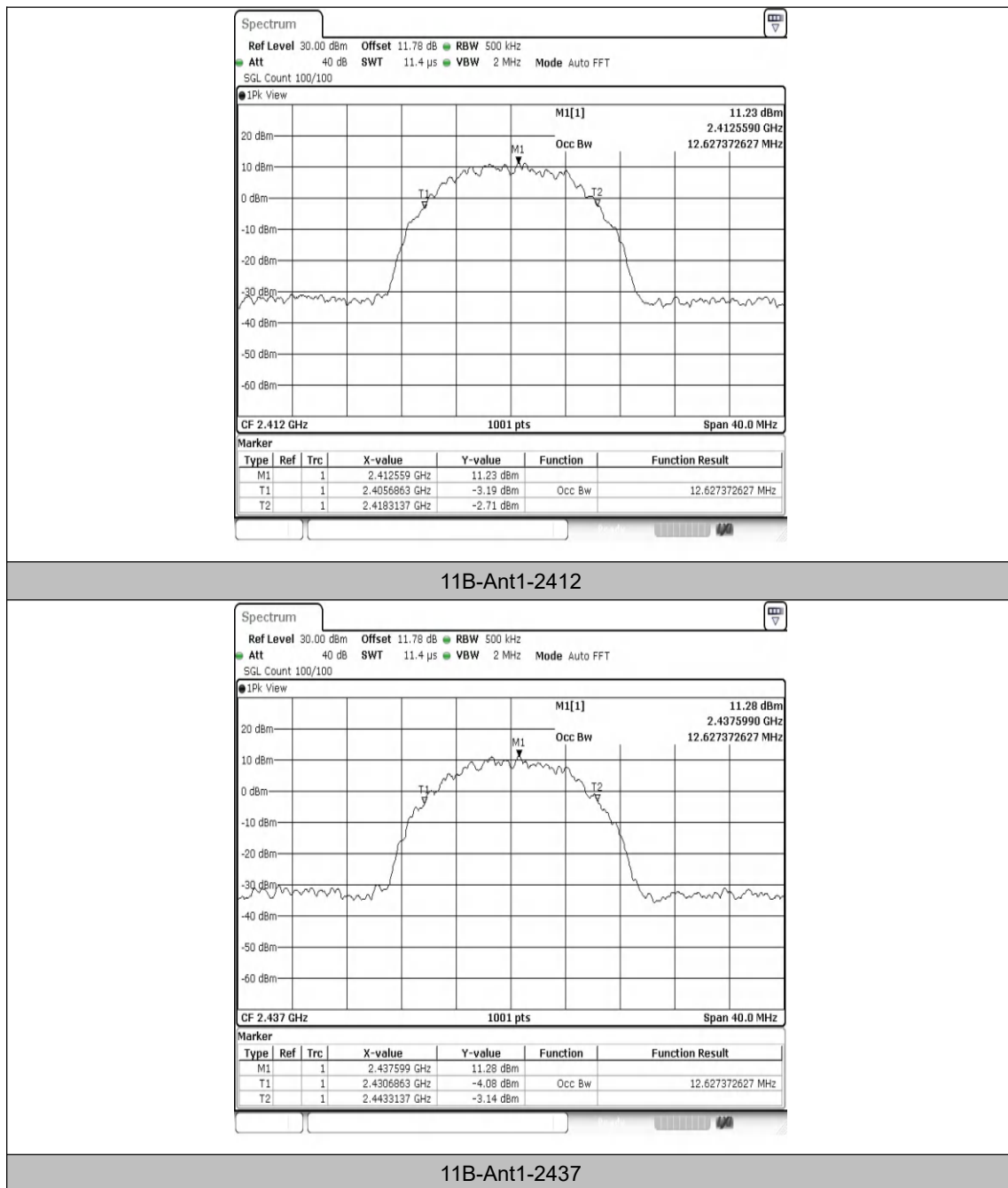
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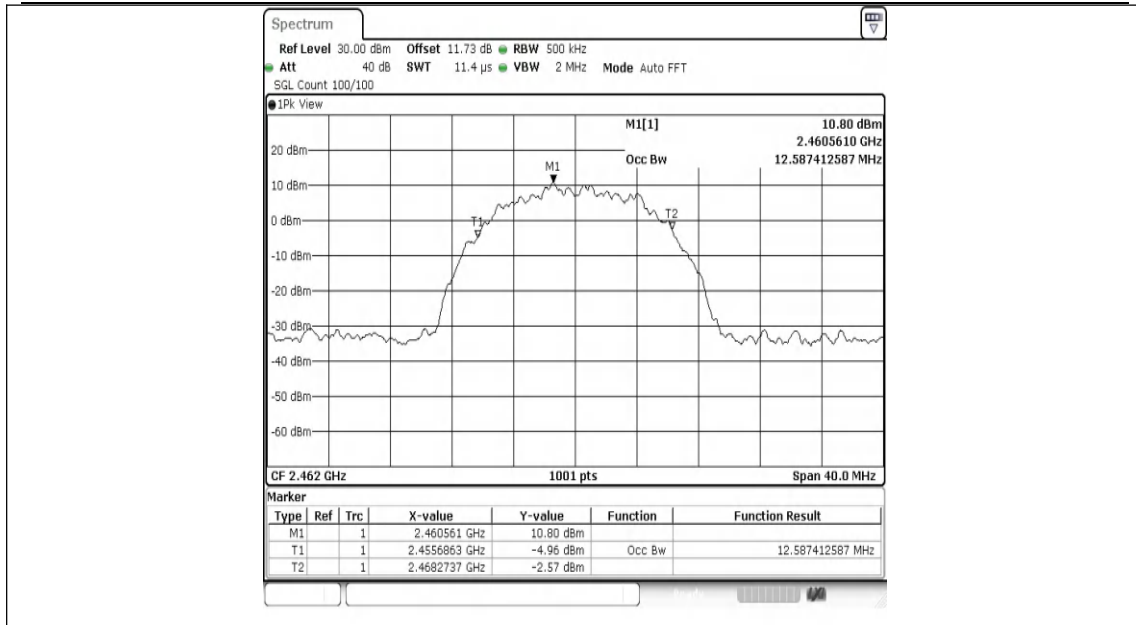
Appendix B: 99% Occupied Bandwidth

Test Result

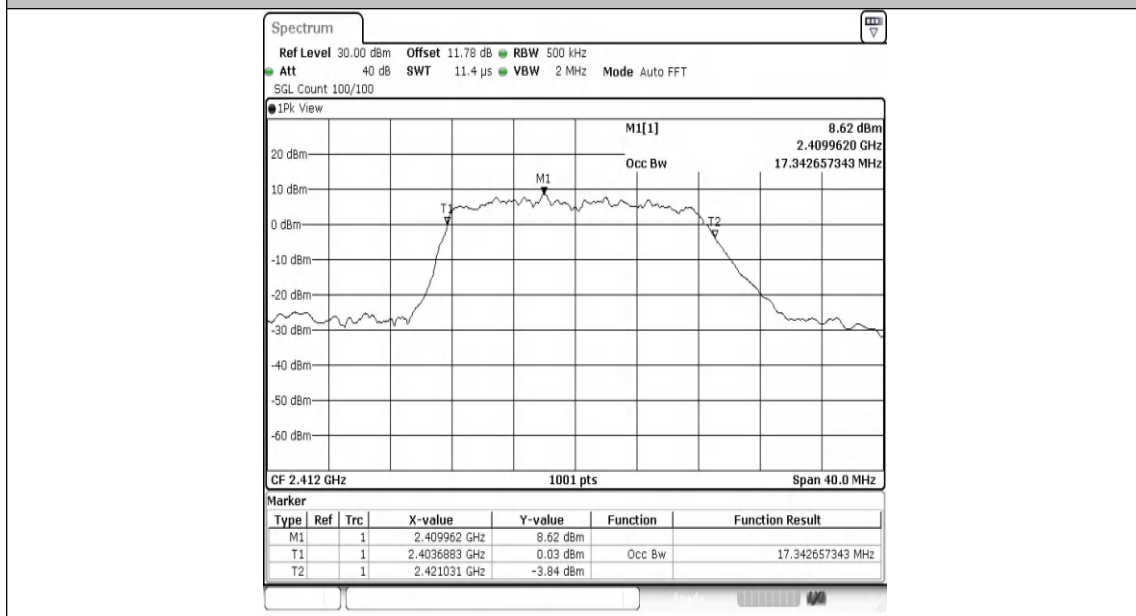
Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.627	2405.6863	2418.3137	---	---
11B	Ant1	2437	12.627	2430.6863	2443.3137	---	---
11B	Ant1	2462	12.587	2455.6863	2468.2737	---	---
11G	Ant1	2412	17.343	2403.6883	2421.0310	---	---
11G	Ant1	2437	16.543	2428.8082	2445.3516	---	---
11G	Ant1	2462	17.263	2453.6883	2470.9510	---	---
11N20SISO	Ant1	2412	17.263	2403.3686	2420.6314	---	---
11N20SISO	Ant1	2437	17.303	2428.4086	2445.7113	---	---
11N20SISO	Ant1	2462	17.303	2453.3686	2470.6713	---	---

Test Graphs

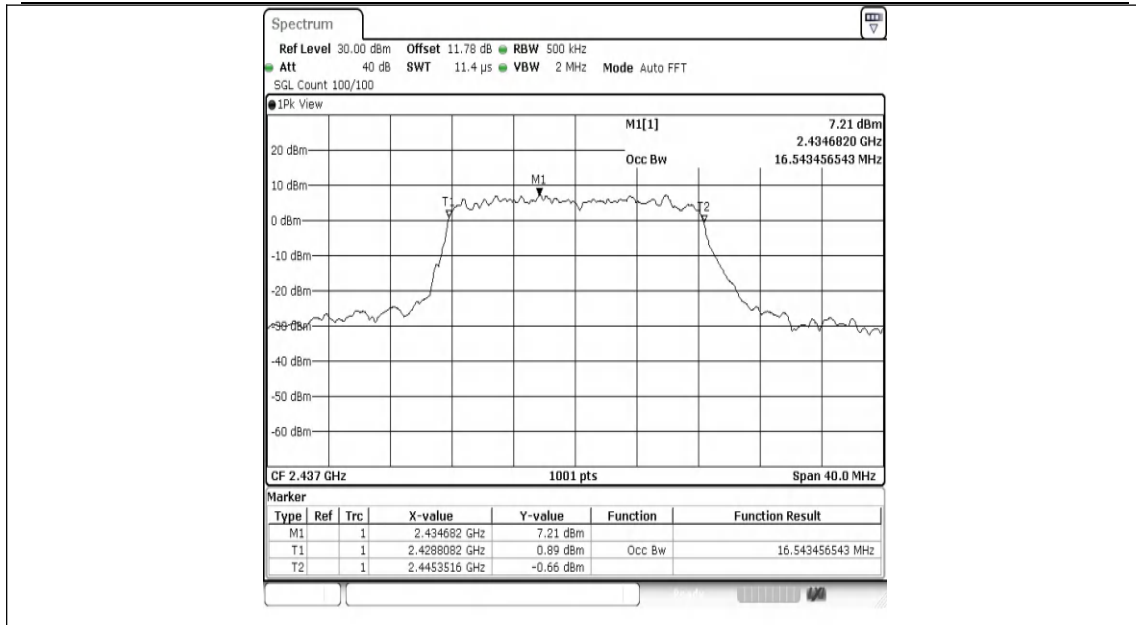




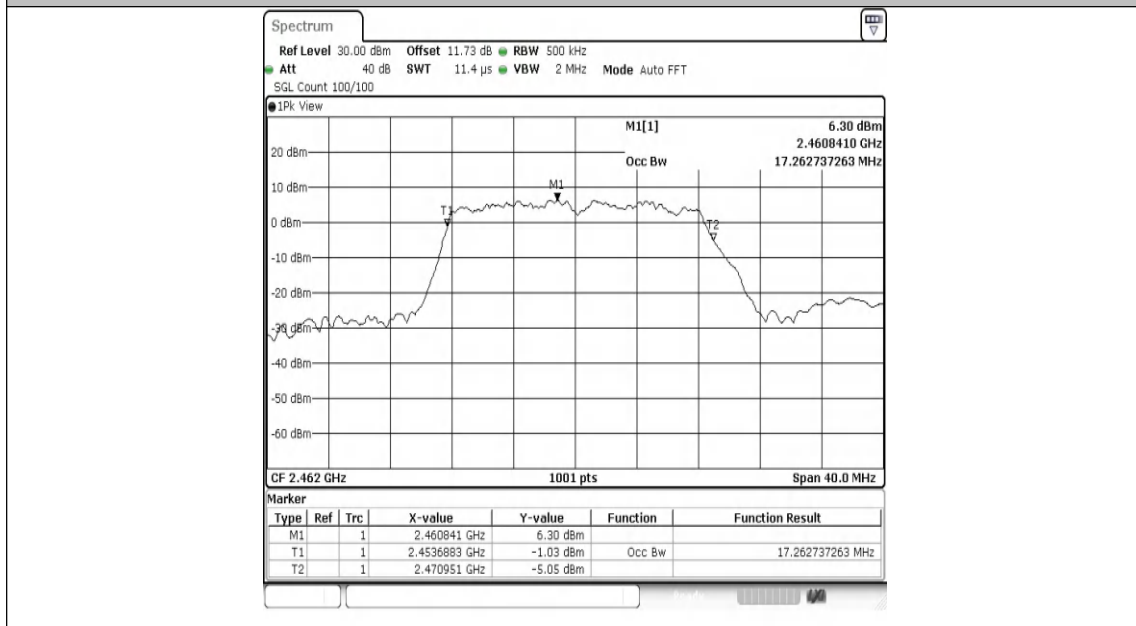
11B-Ant1-2462



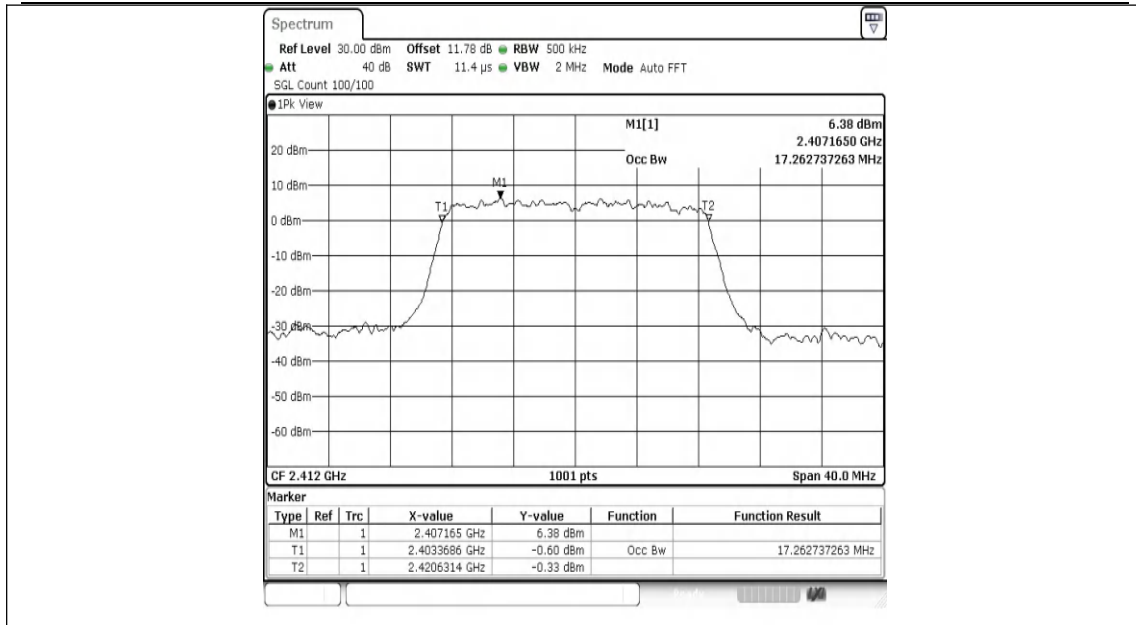
11G-Ant1-2412



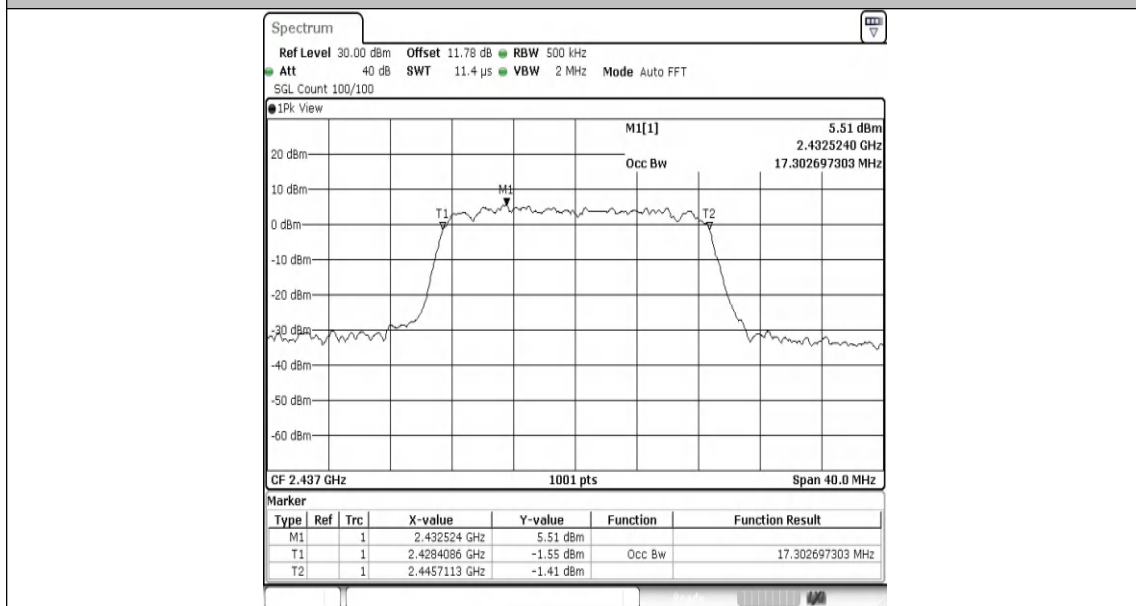
11G-Ant1-2437



11G-Ant1-2462



11N20SISO-Ant1-2412



11N20SISO-Ant1-2437



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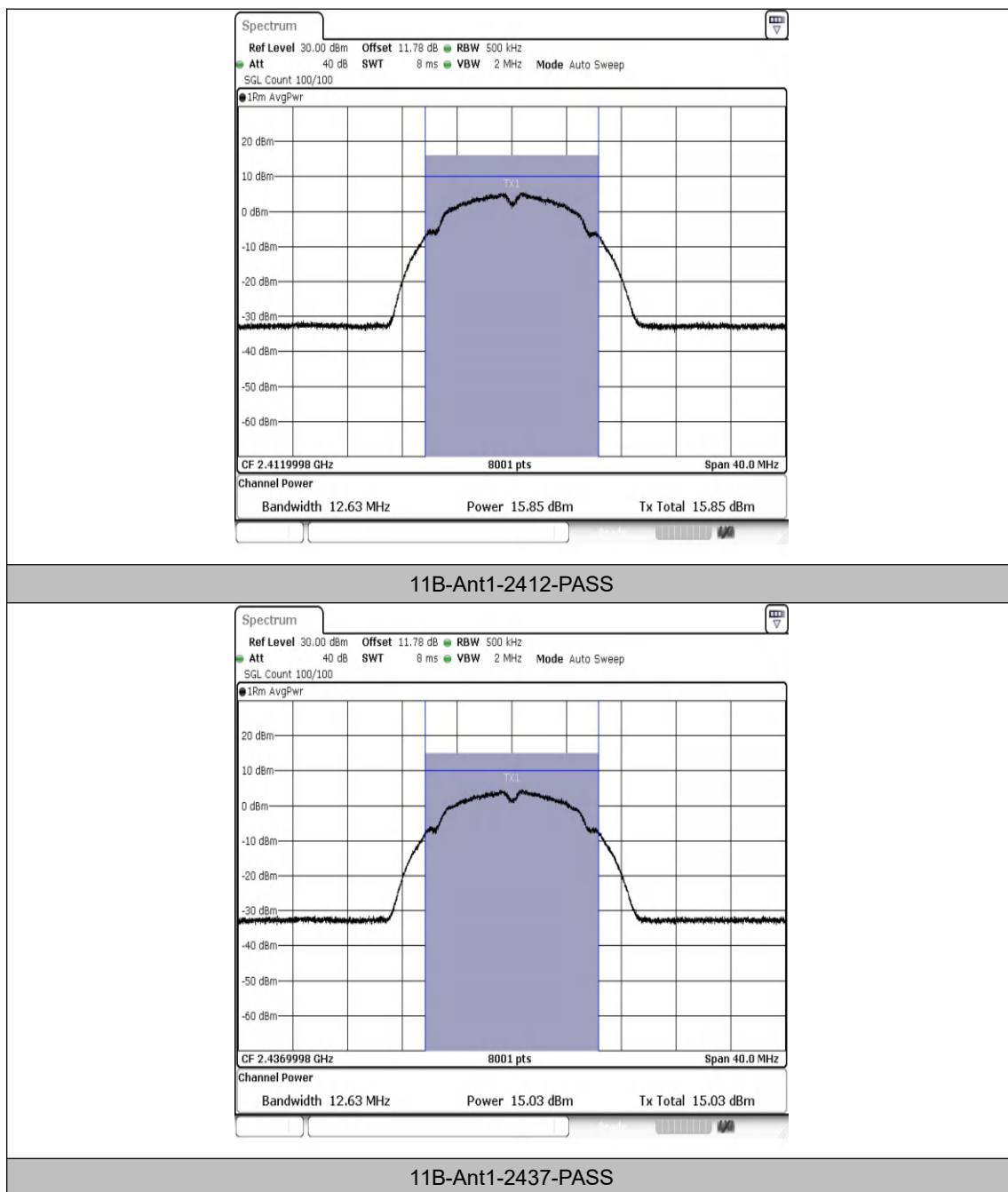
Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency[MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	15.85	100.00	0.00	15.85	≤30.00	PASS
11B	Ant1	2437	15.03	100.00	0.00	15.03	≤30.00	PASS
11B	Ant1	2462	14.55	100.00	0.00	14.55	≤30.00	PASS
11G	Ant1	2412	15.30	100.00	0.00	15.30	≤30.00	PASS
11G	Ant1	2437	14.46	100.00	0.00	14.46	≤30.00	PASS
11G	Ant1	2462	13.96	100.00	0.00	13.96	≤30.00	PASS
11N20SISO	Ant1	2412	13.82	100.00	0.00	13.82	≤30.00	PASS
11N20SISO	Ant1	2437	13.16	100.00	0.00	13.16	≤30.00	PASS
11N20SISO	Ant1	2462	12.58	100.00	0.00	12.58	≤30.00	PASS

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

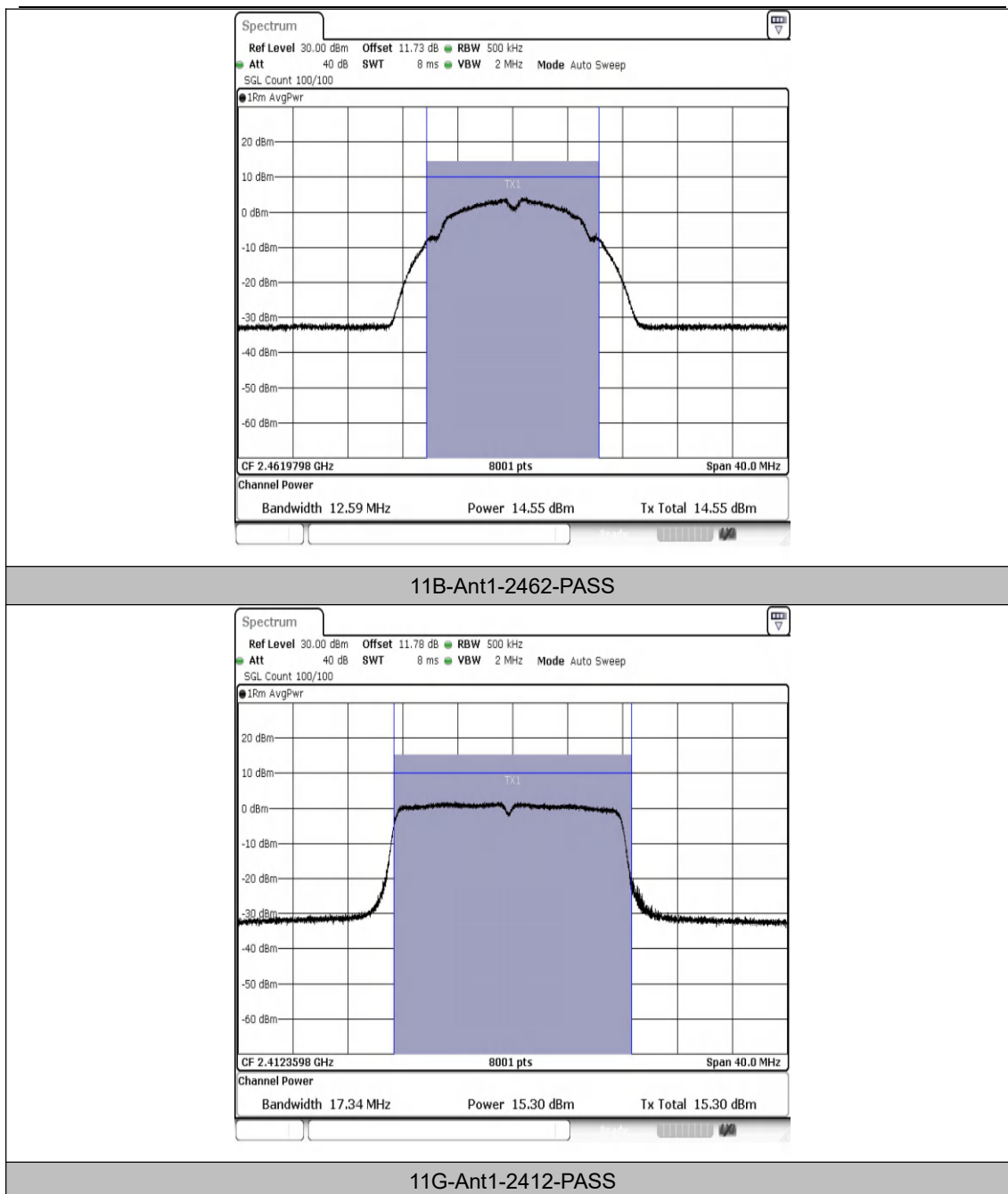
Test Graphs Average



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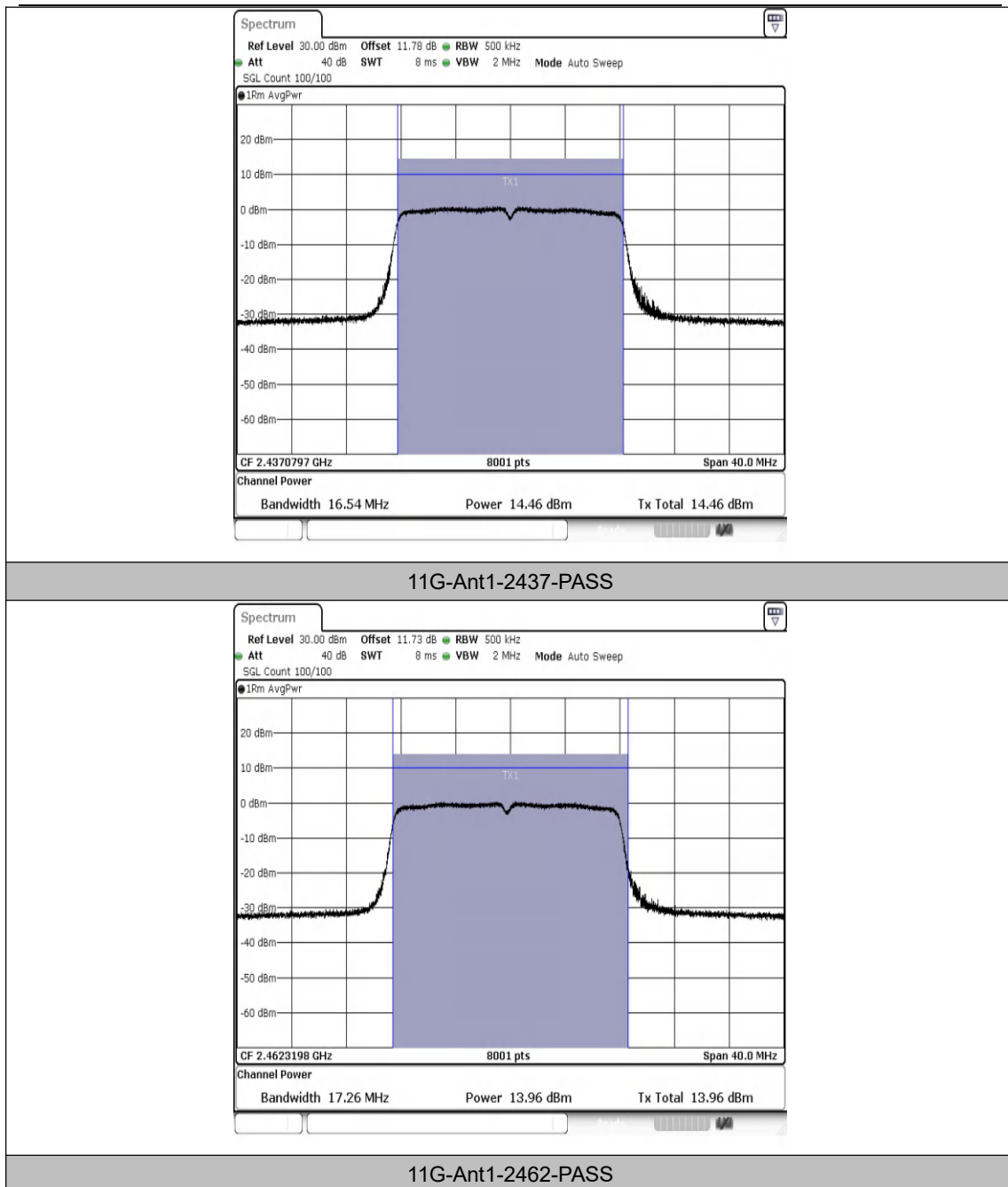
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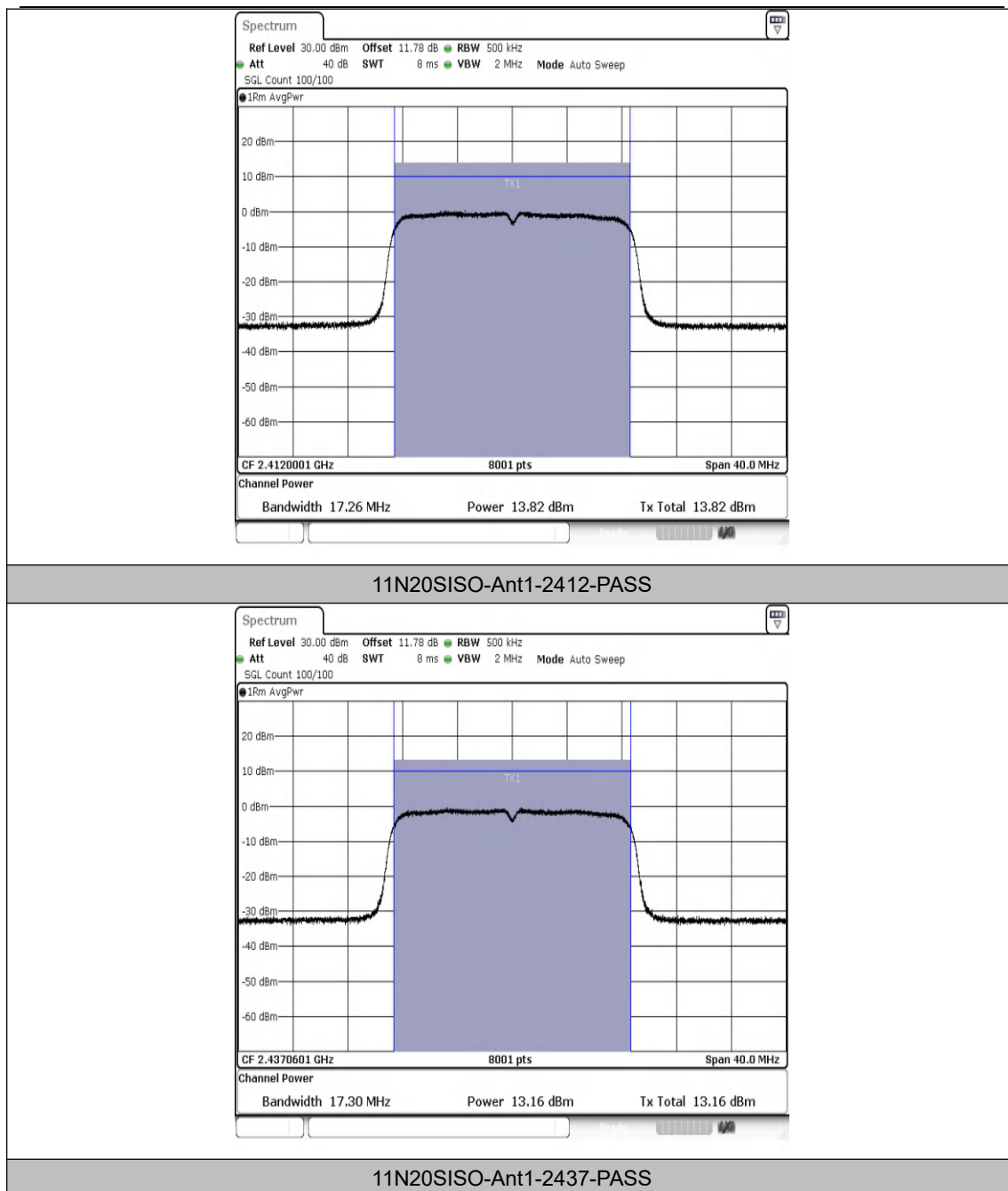
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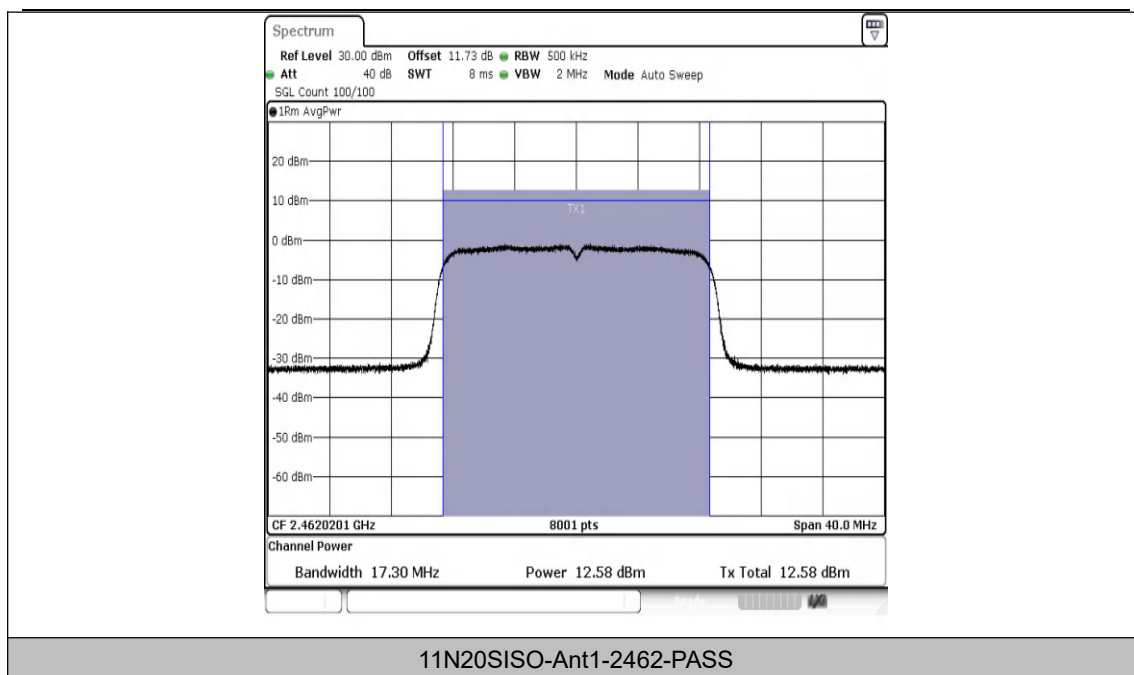
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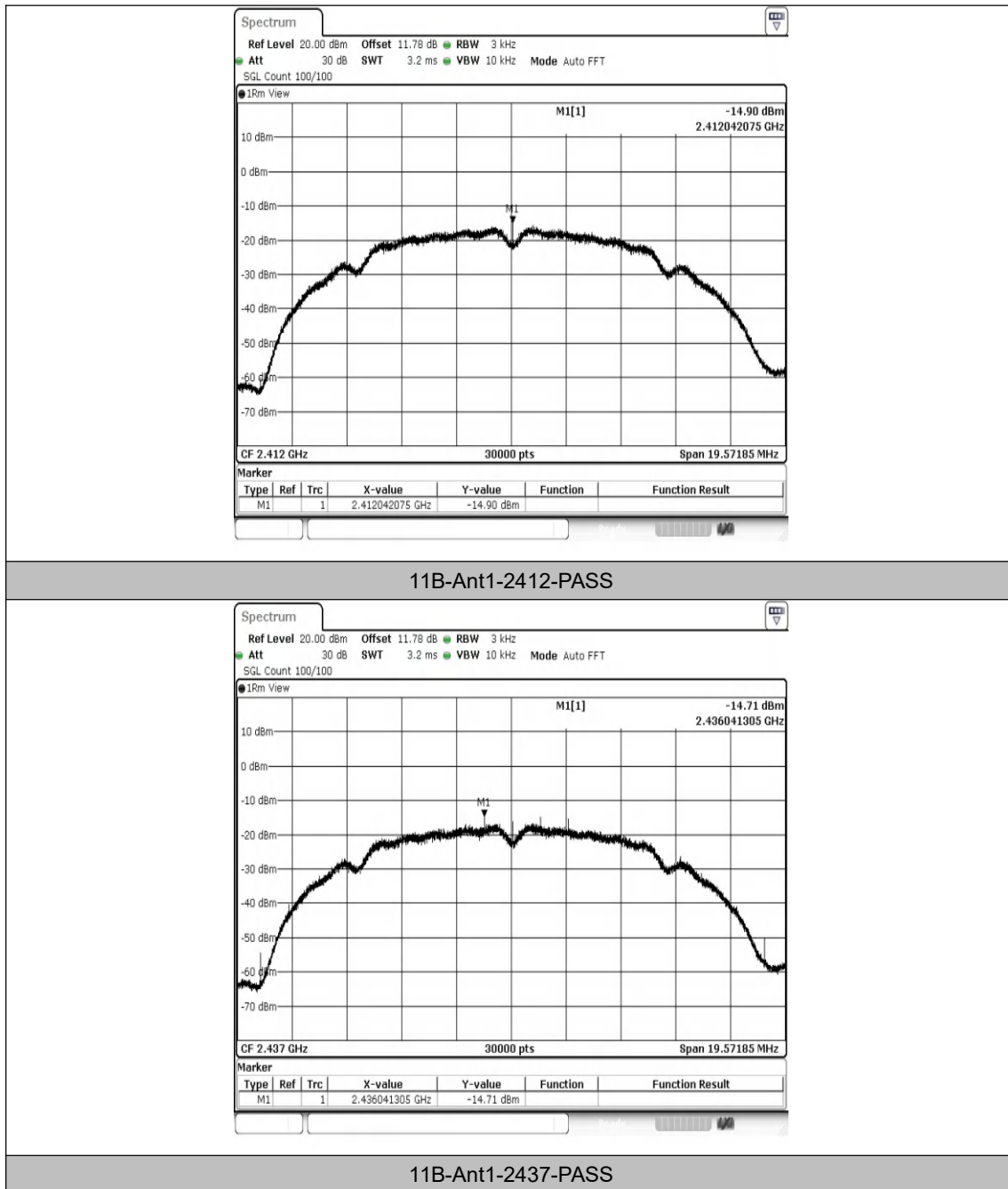
Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Reading Result [dBm/3kHz]	DC Factor [dB]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-14.9	0.00	-14.90	≤8.00	PASS
11B	Ant1	2437	-14.71	0.00	-14.71	≤8.00	PASS
11B	Ant1	2462	-17.17	0.00	-17.17	≤8.00	PASS
11G	Ant1	2412	-17.44	0.00	-17.44	≤8.00	PASS
11G	Ant1	2437	-18.21	0.00	-18.21	≤8.00	PASS
11G	Ant1	2462	-18.82	0.00	-18.82	≤8.00	PASS
11N20SISO	Ant1	2412	-17.65	0.00	-17.65	≤8.00	PASS
11N20SISO	Ant1	2437	-18.83	0.00	-18.83	≤8.00	PASS
11N20SISO	Ant1	2462	-18.99	0.00	-18.99	≤8.00	PASS

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

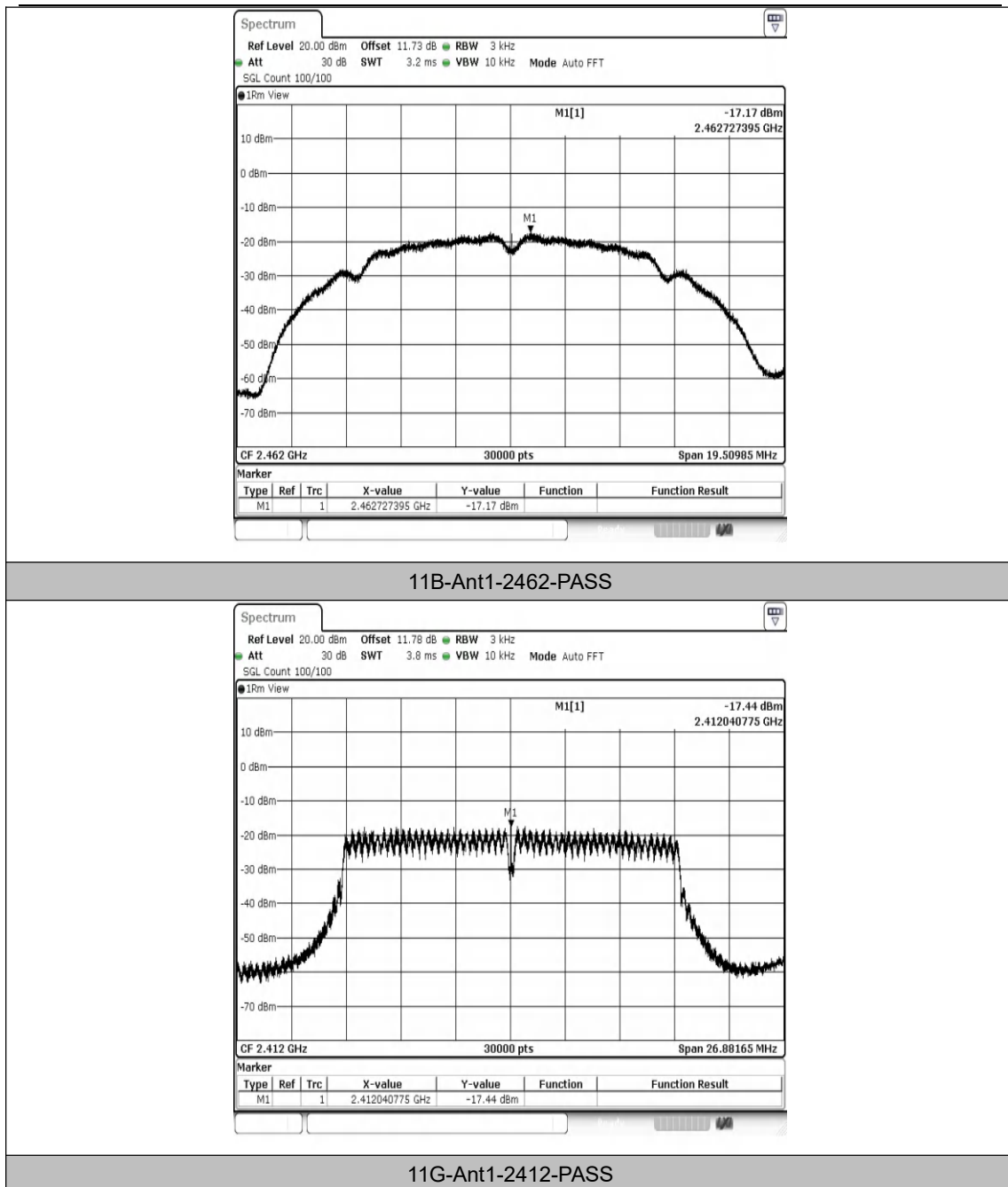
Test Graphs



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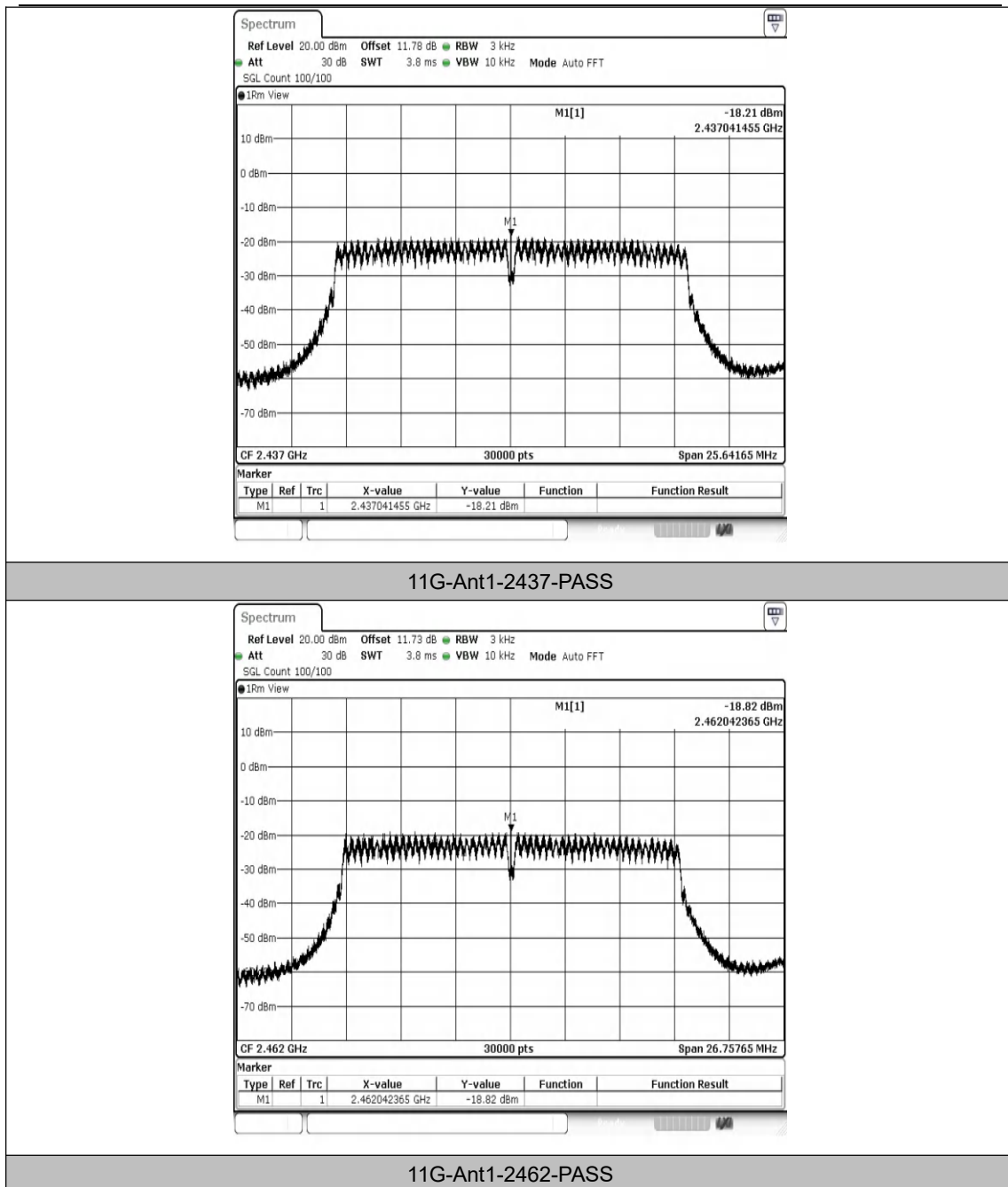
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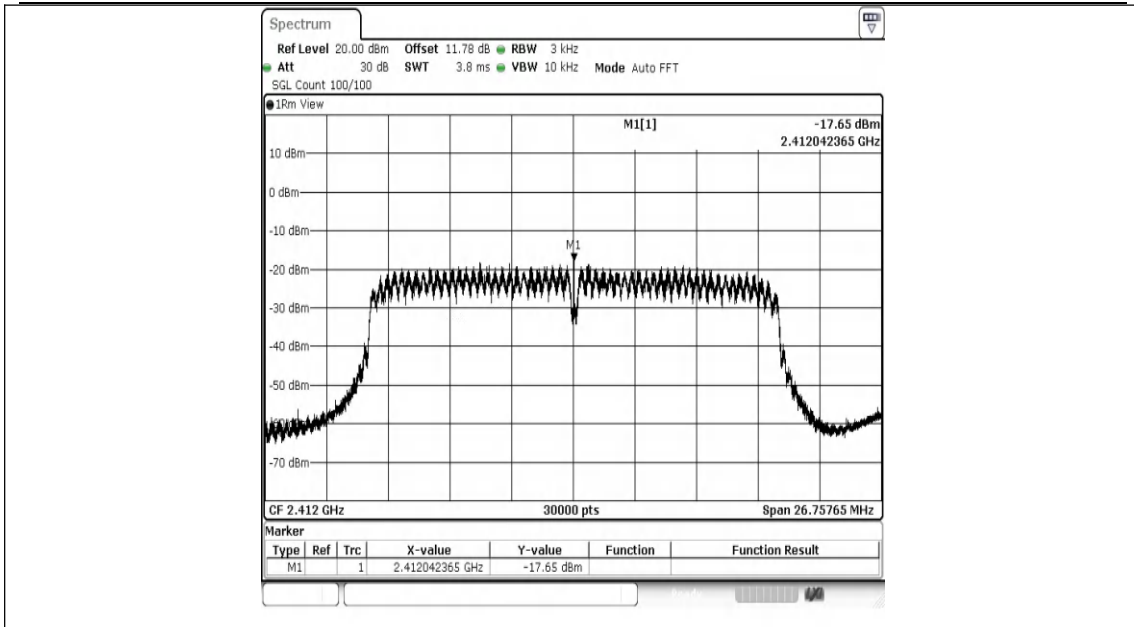
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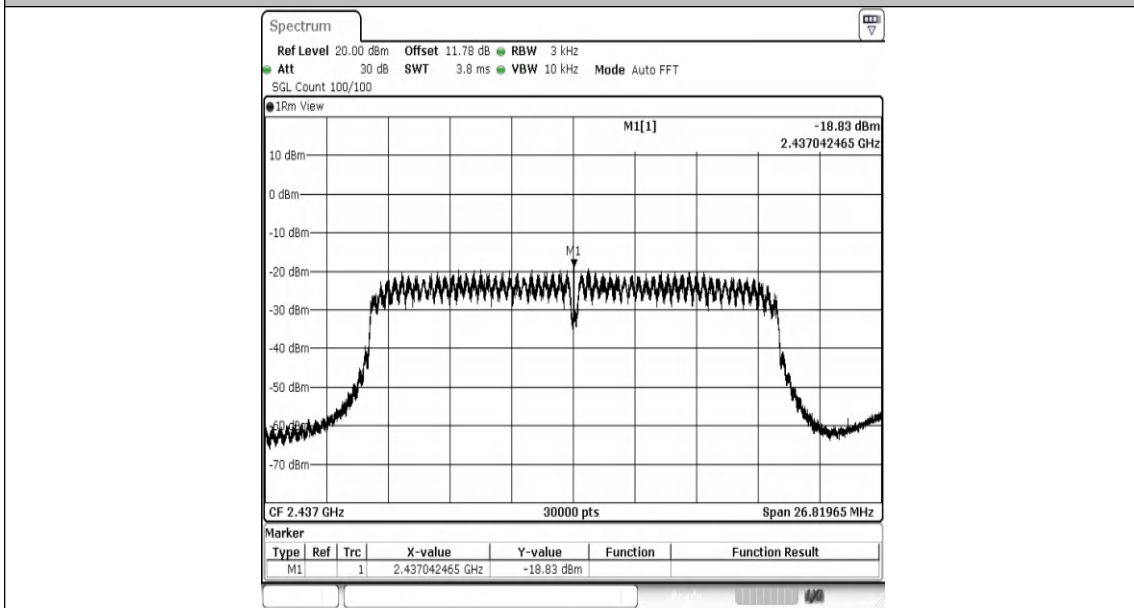
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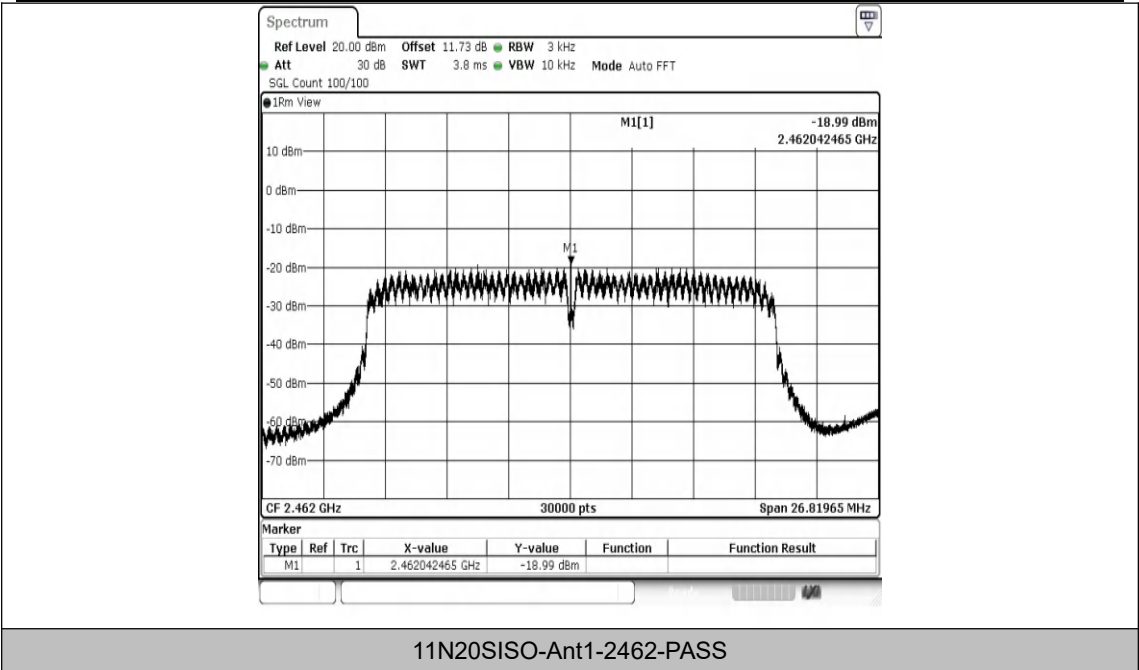
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11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2437-PASS



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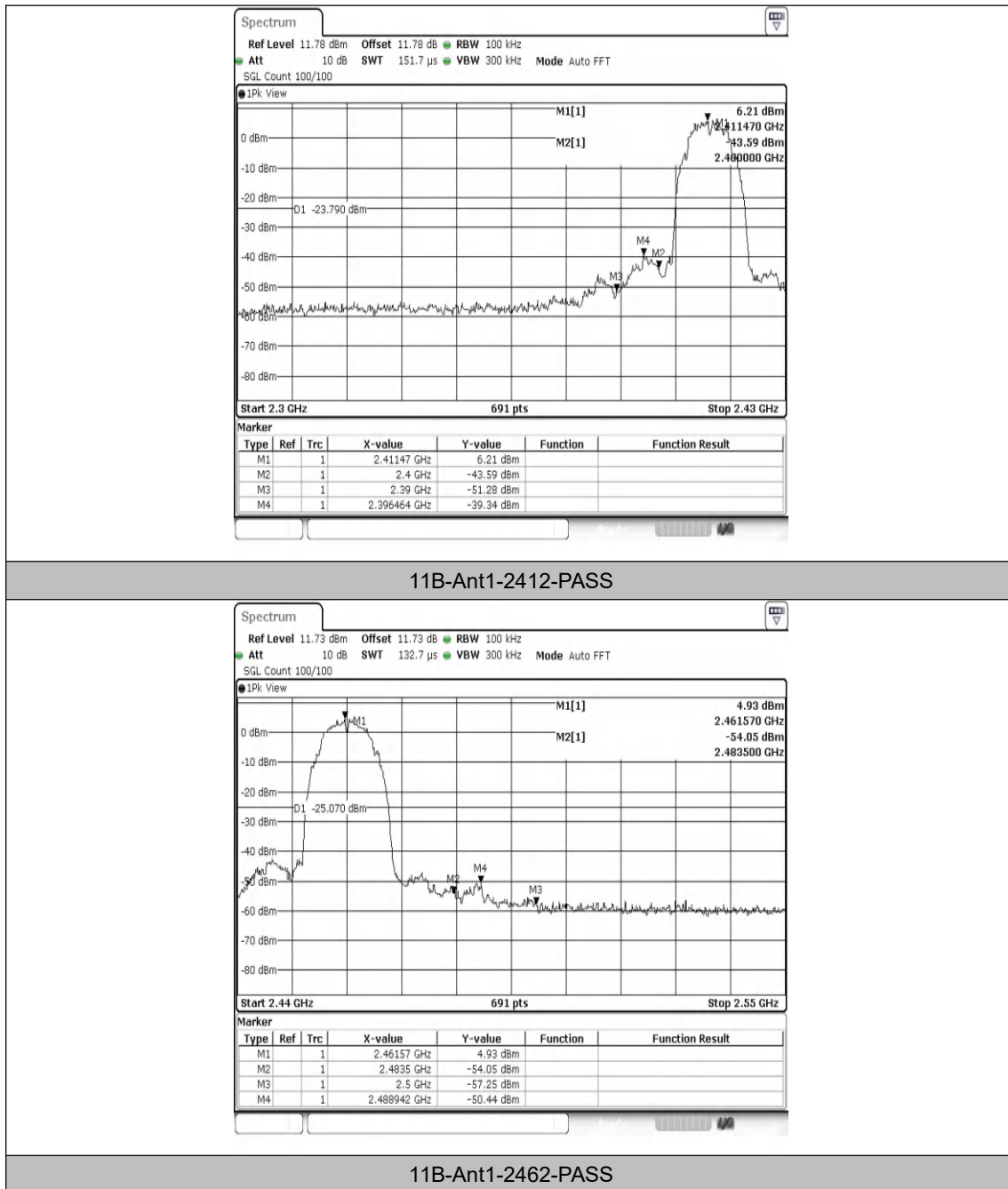
Appendix E: Conducted Band edge

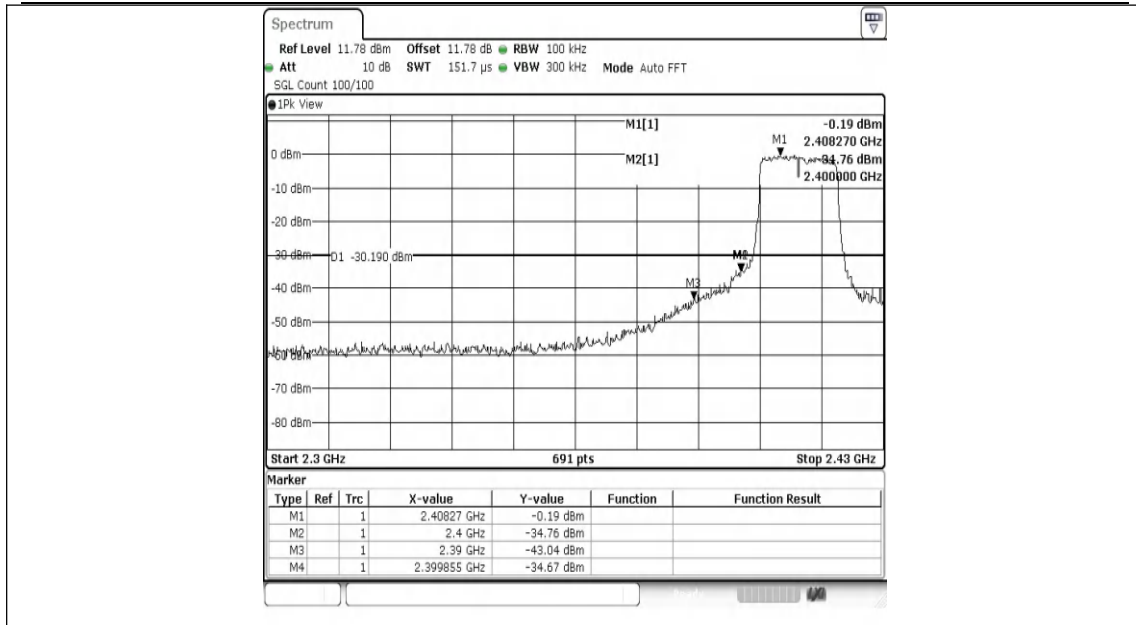
Test Result

Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.21	-39.34	≤-23.79	PASS
11B	Ant1	High	2462	4.93	-50.44	≤-25.07	PASS
11G	Ant1	Low	2412	-0.19	-34.67	≤-30.19	PASS
11G	Ant1	High	2462	0.50	-42.98	≤-29.5	PASS
11N20SISO	Ant1	Low	2412	-0.76	-37.57	≤-30.76	PASS
11N20SISO	Ant1	High	2462	-1.75	-49.69	≤-31.75	PASS

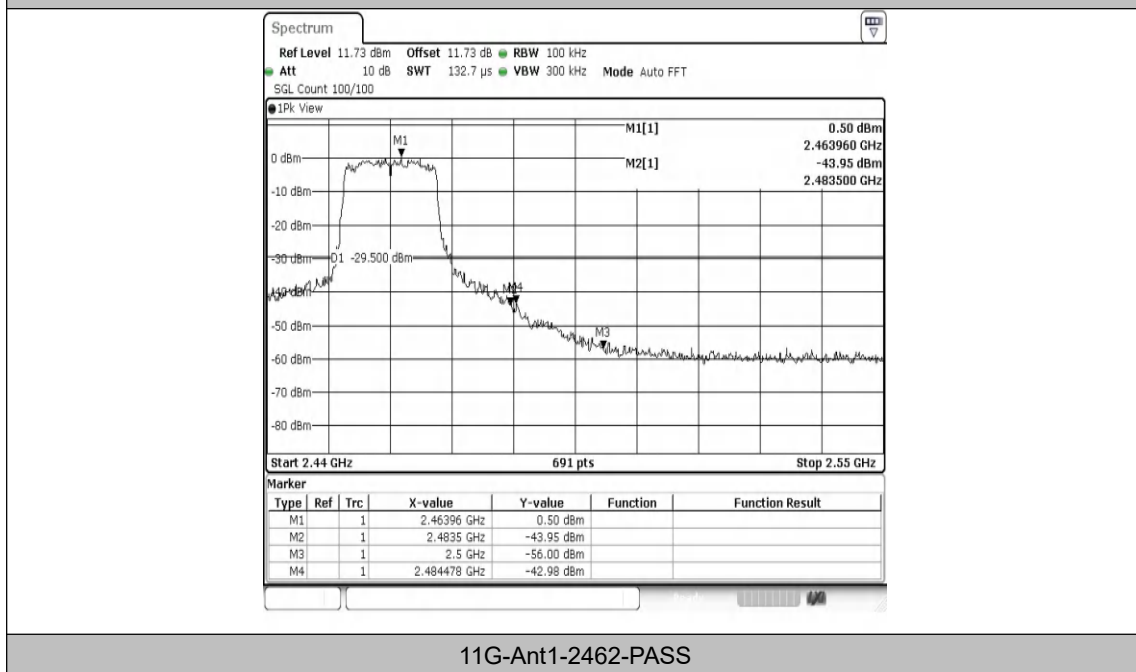


Test Graphs

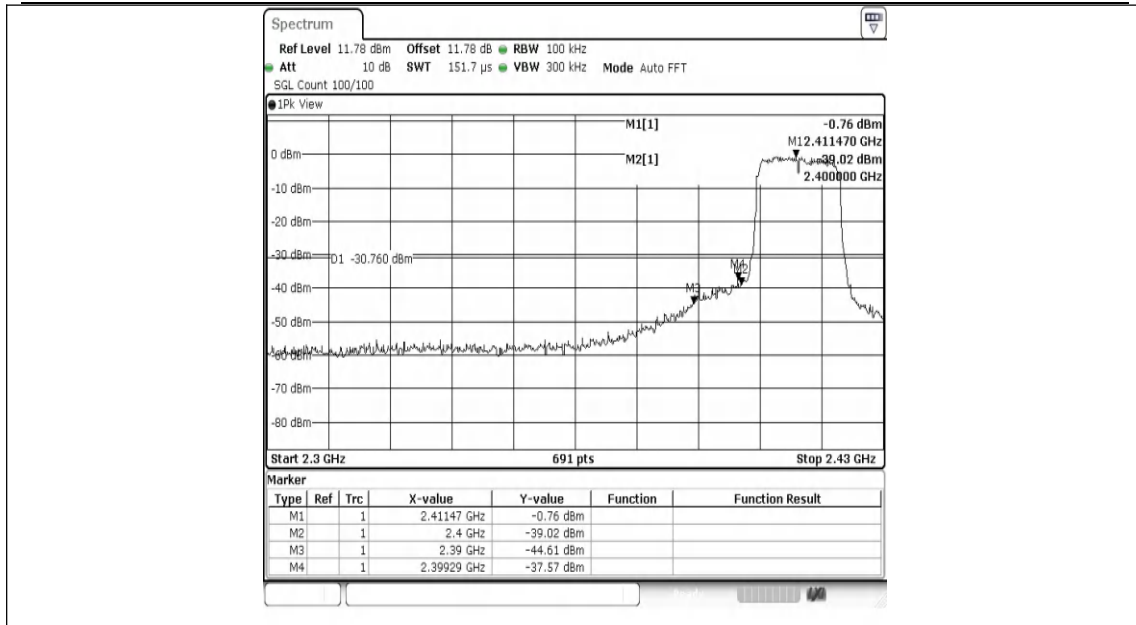




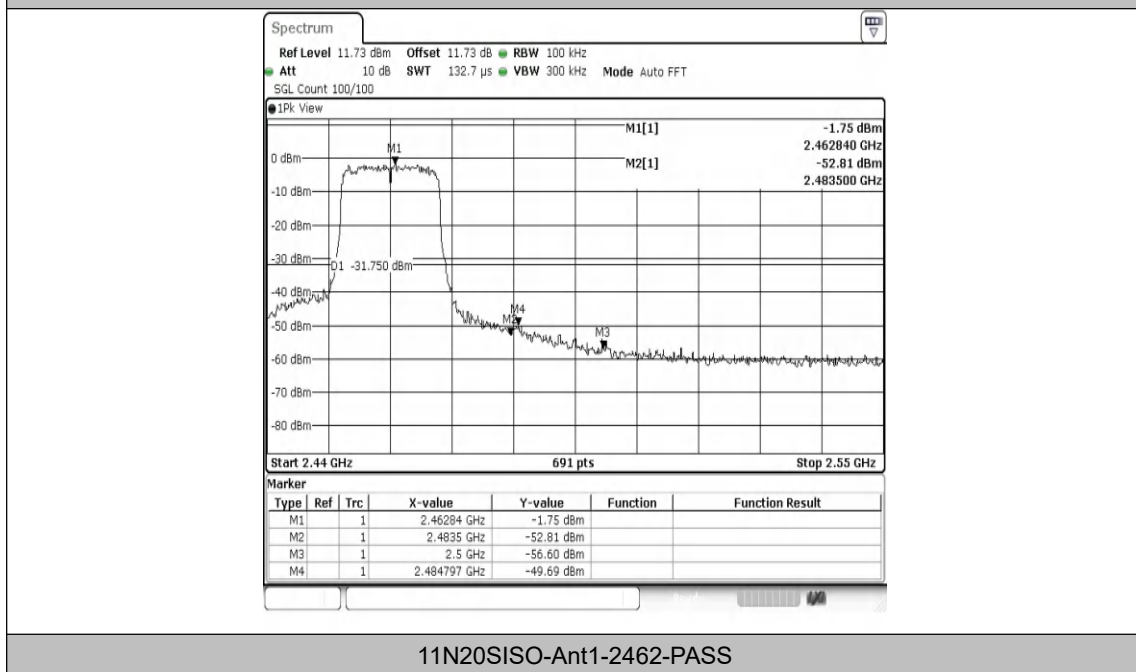
11G-Ant1-2412-PASS



11G-Ant1-2462-PASS



11N20SISO-Ant1-2412-PASS



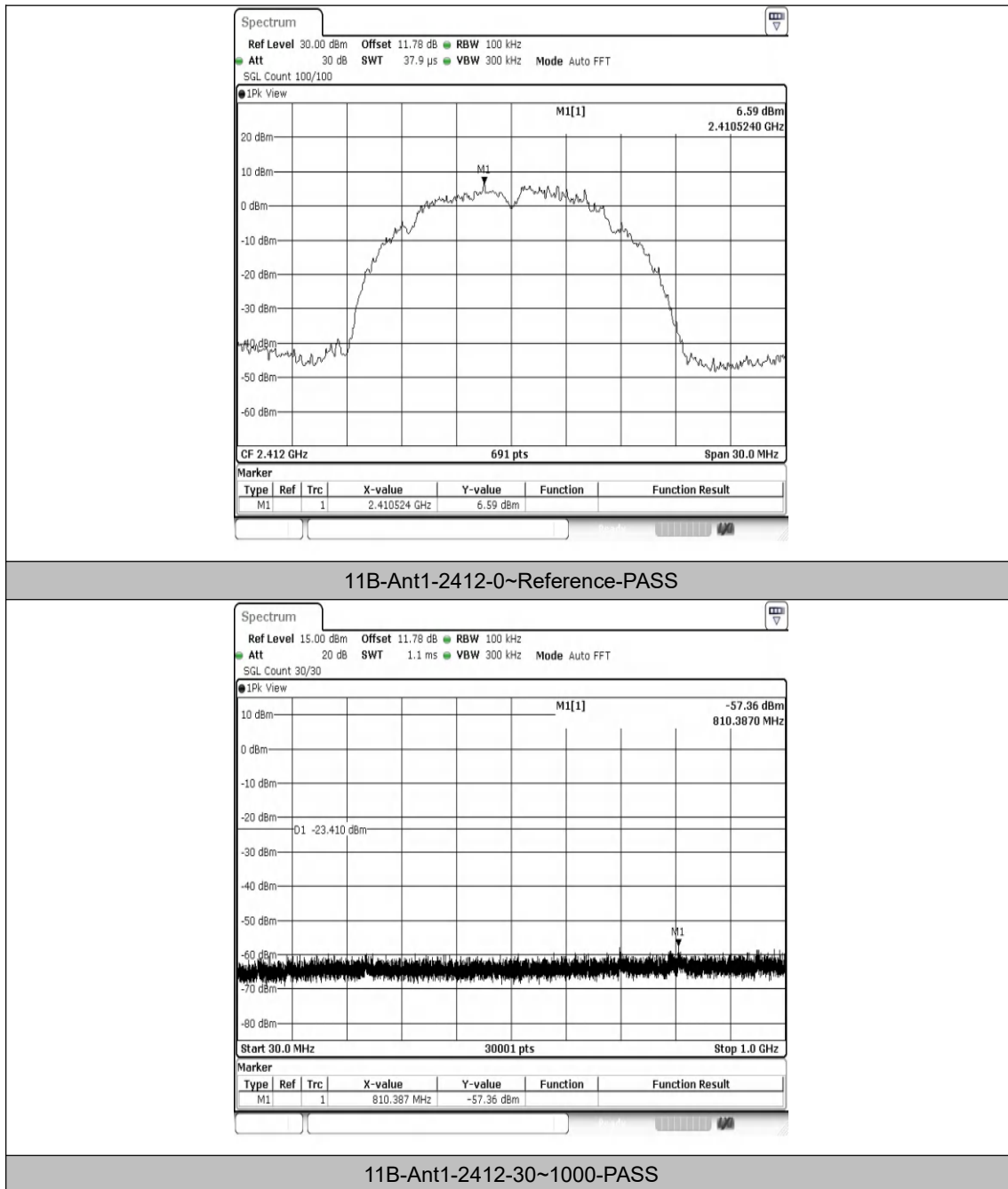
11N20SISO-Ant1-2462-PASS

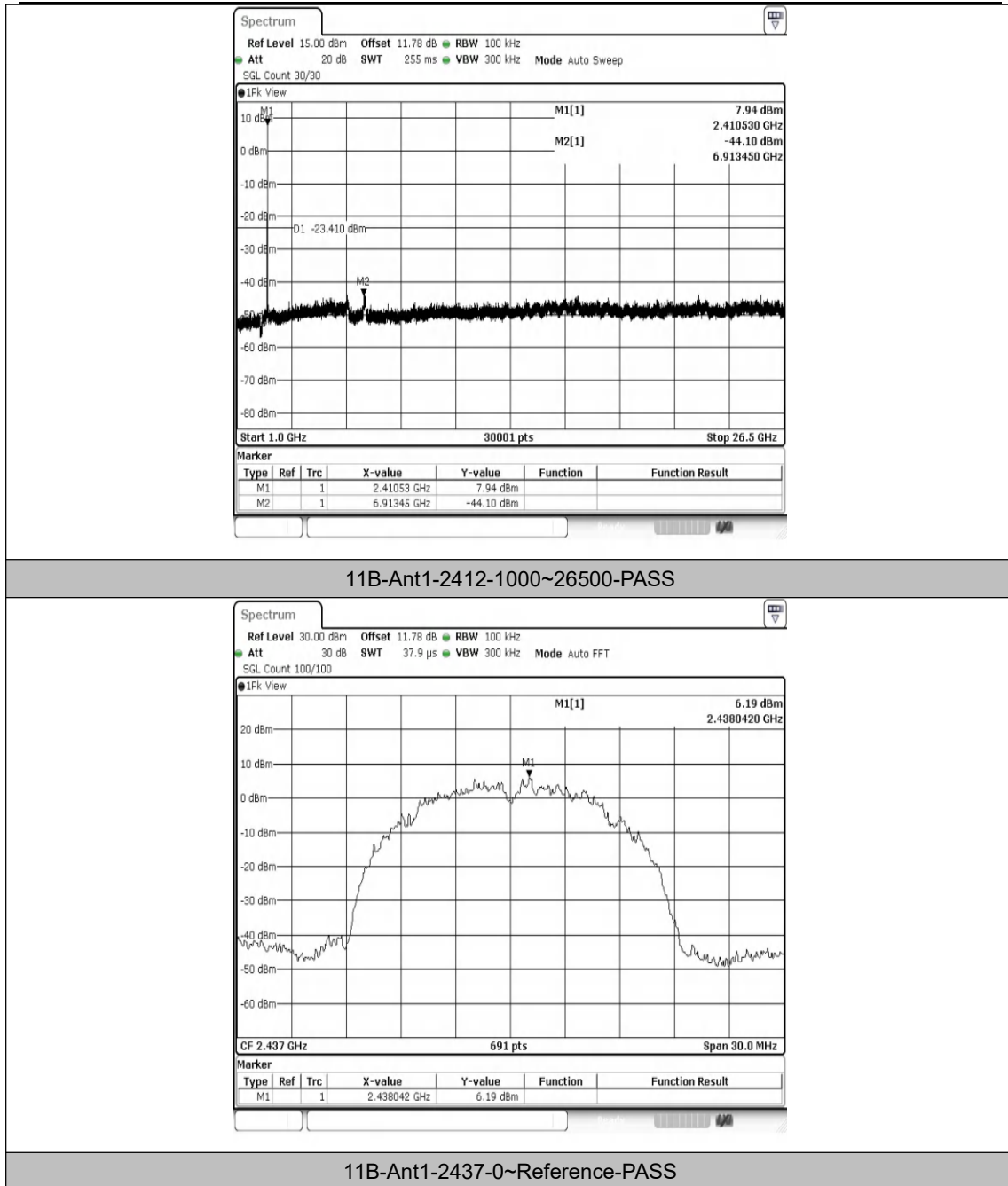
Appendix F: Conducted Spurious Emission

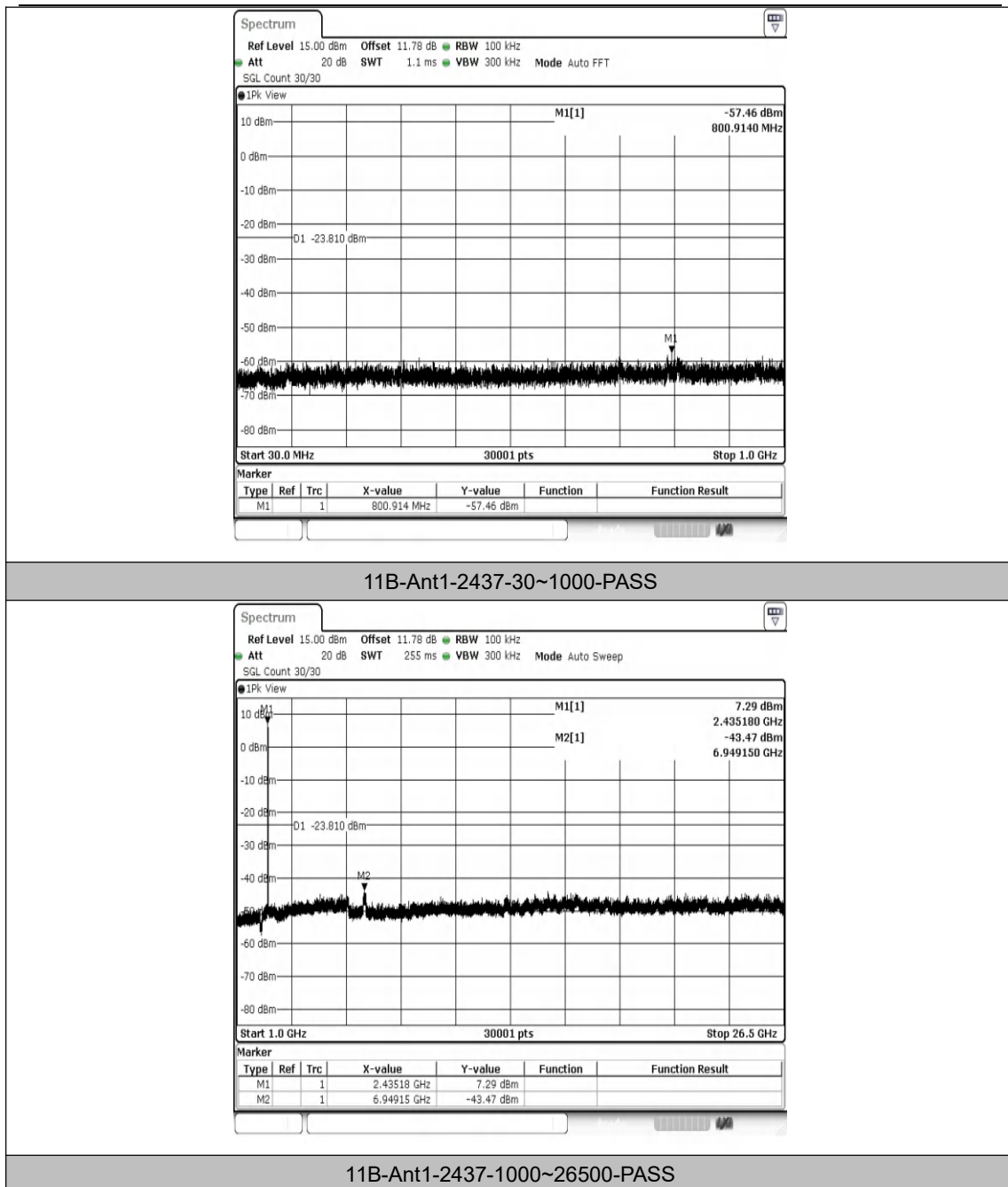
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	6.59	6.59	---	PASS
11B	Ant1	2412	30~1000	6.59	-57.36	≤-23.41	PASS
11B	Ant1	2412	1000~26500	6.59	-44.1	≤-23.41	PASS
11B	Ant1	2437	0~Reference	6.19	6.19	---	PASS
11B	Ant1	2437	30~1000	6.19	-57.46	≤-23.81	PASS
11B	Ant1	2437	1000~26500	6.19	-43.47	≤-23.81	PASS
11B	Ant1	2462	0~Reference	5.11	5.11	---	PASS
11B	Ant1	2462	30~1000	5.11	-57.1	≤-24.89	PASS
11B	Ant1	2462	1000~26500	5.11	-43.74	≤-24.89	PASS
11G	Ant1	2412	0~Reference	0.91	0.91	---	PASS
11G	Ant1	2412	30~1000	0.91	-57.76	≤-29.09	PASS
11G	Ant1	2412	1000~26500	0.91	-43.97	≤-29.09	PASS
11G	Ant1	2437	0~Reference	-0.07	-0.07	---	PASS
11G	Ant1	2437	30~1000	-0.07	-57.57	≤-30.07	PASS
11G	Ant1	2437	1000~26500	-0.07	-43.48	≤-30.07	PASS
11G	Ant1	2462	0~Reference	-0.50	-0.50	---	PASS
11G	Ant1	2462	30~1000	-0.50	-57.94	≤-30.5	PASS
11G	Ant1	2462	1000~26500	-0.50	-44.11	≤-30.5	PASS
11N20SISO	Ant1	2412	0~Reference	-0.25	-0.25	---	PASS
11N20SISO	Ant1	2412	30~1000	-0.25	-57.92	≤-30.25	PASS
11N20SISO	Ant1	2412	1000~26500	-0.25	-43.85	≤-30.25	PASS
11N20SISO	Ant1	2437	0~Reference	-1.56	-1.56	---	PASS
11N20SISO	Ant1	2437	30~1000	-1.56	-57.86	≤-31.56	PASS
11N20SISO	Ant1	2437	1000~26500	-1.56	-43.55	≤-31.56	PASS
11N20SISO	Ant1	2462	0~Reference	-1.84	-1.84	---	PASS
11N20SISO	Ant1	2462	30~1000	-1.84	-57.79	≤-31.84	PASS
11N20SISO	Ant1	2462	1000~26500	-1.84	-44.29	≤-31.84	PASS

Test Graphs



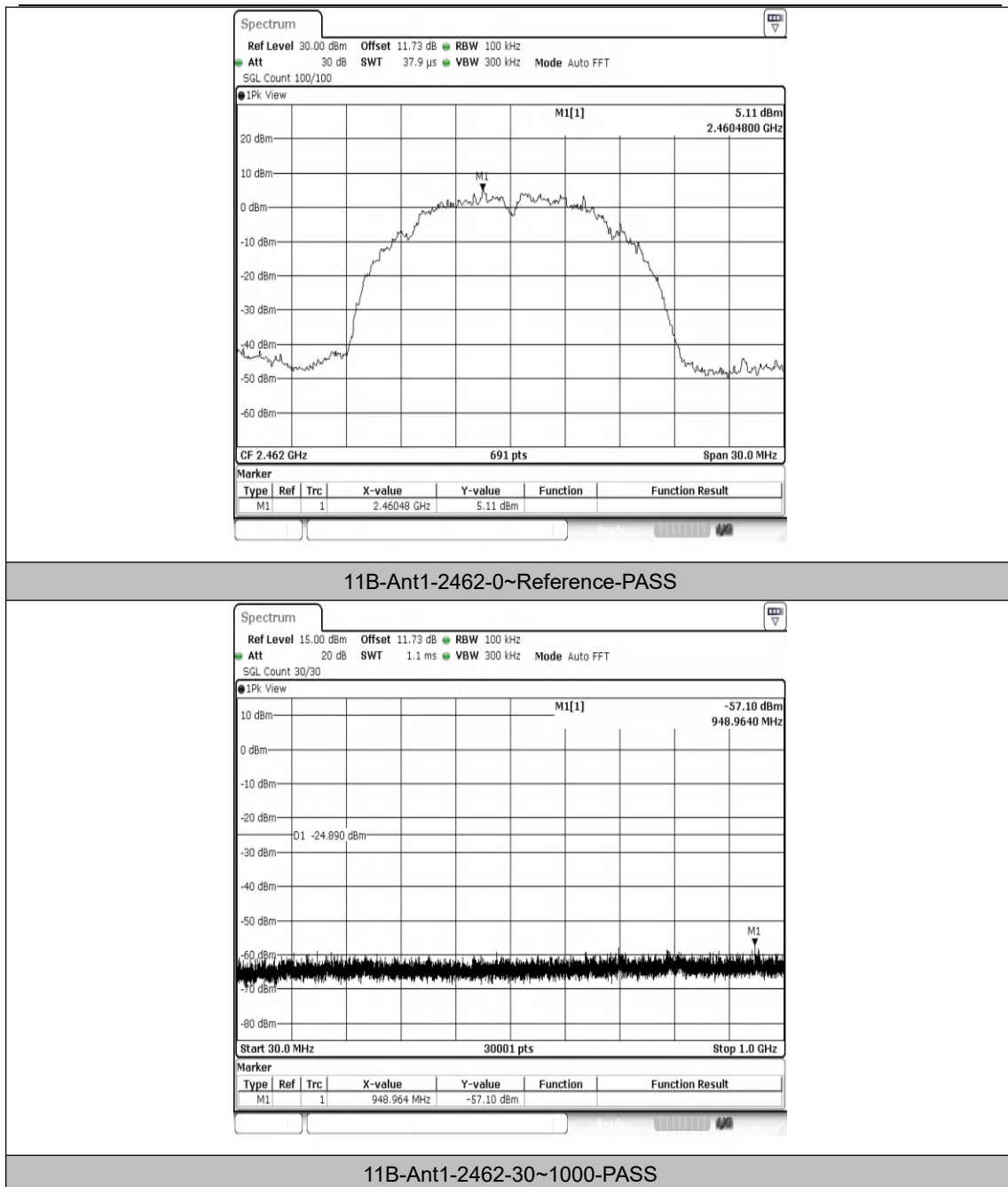




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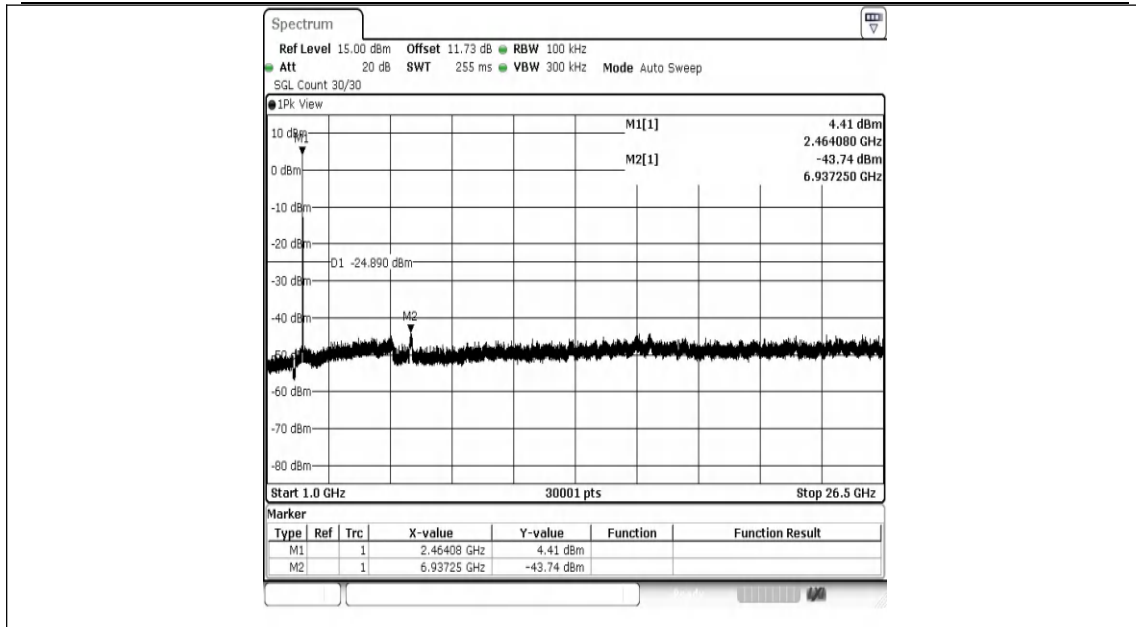
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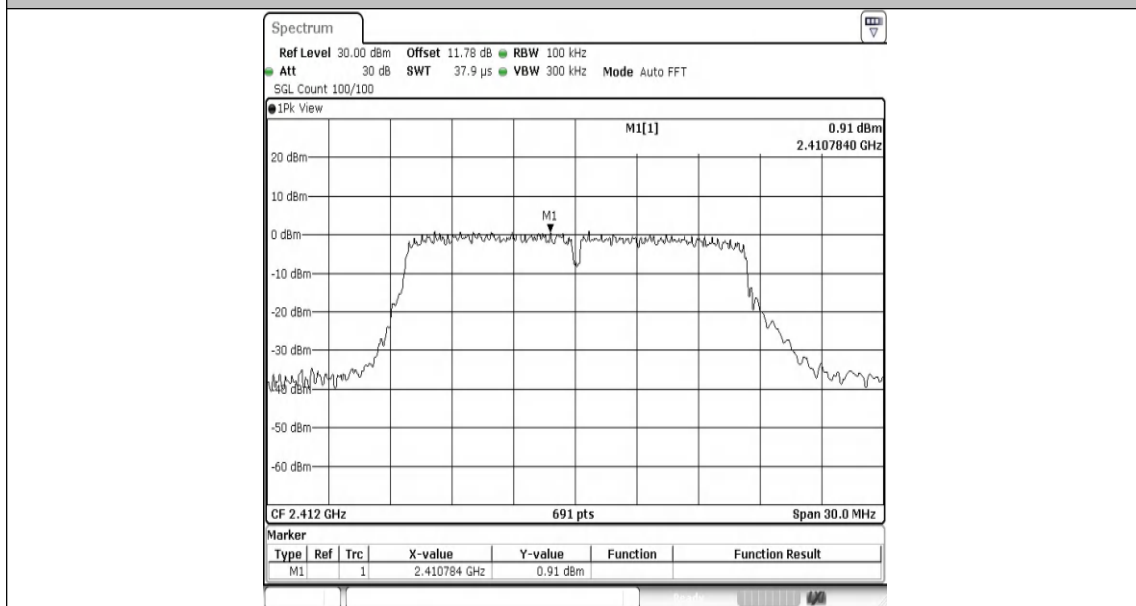
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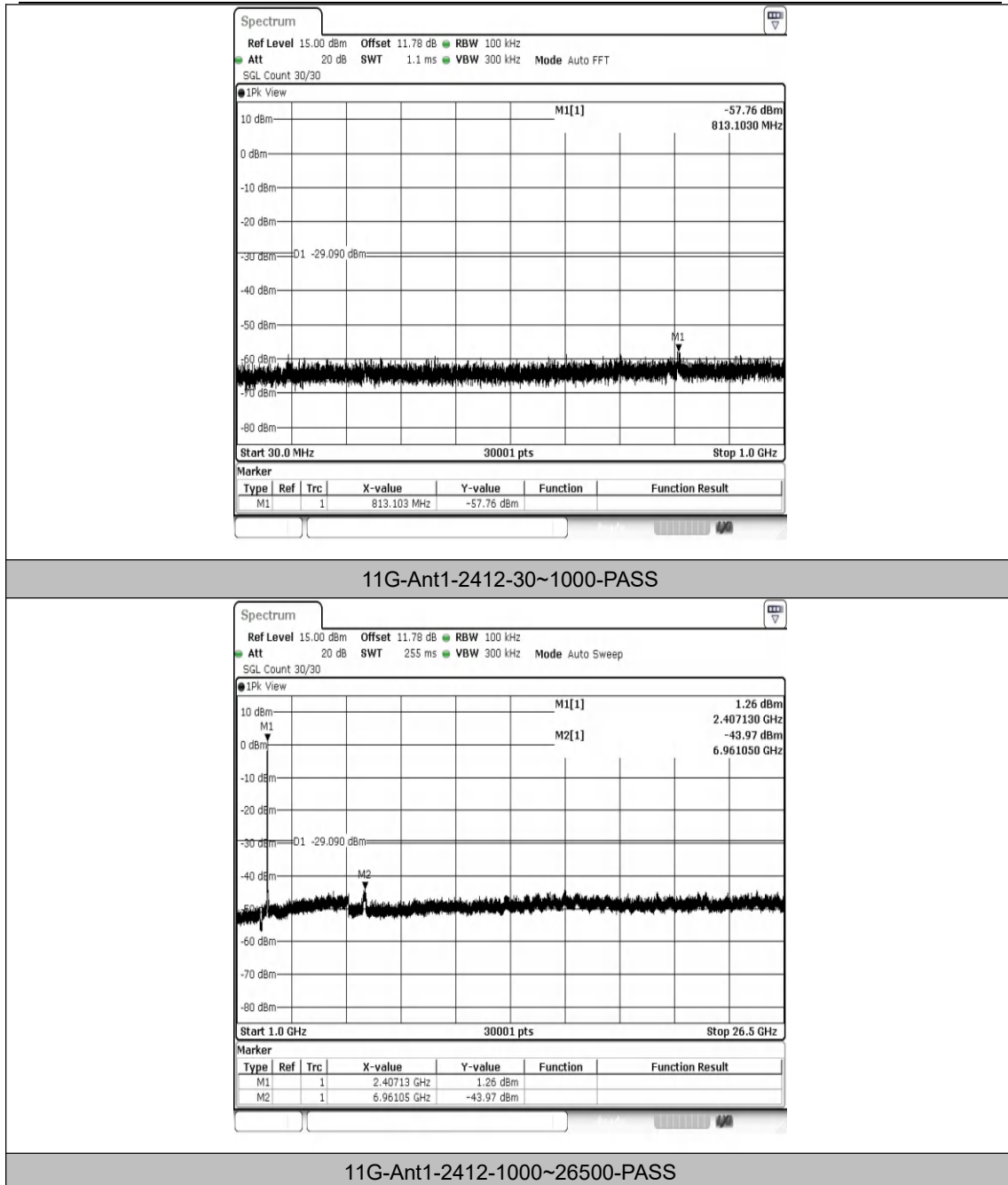
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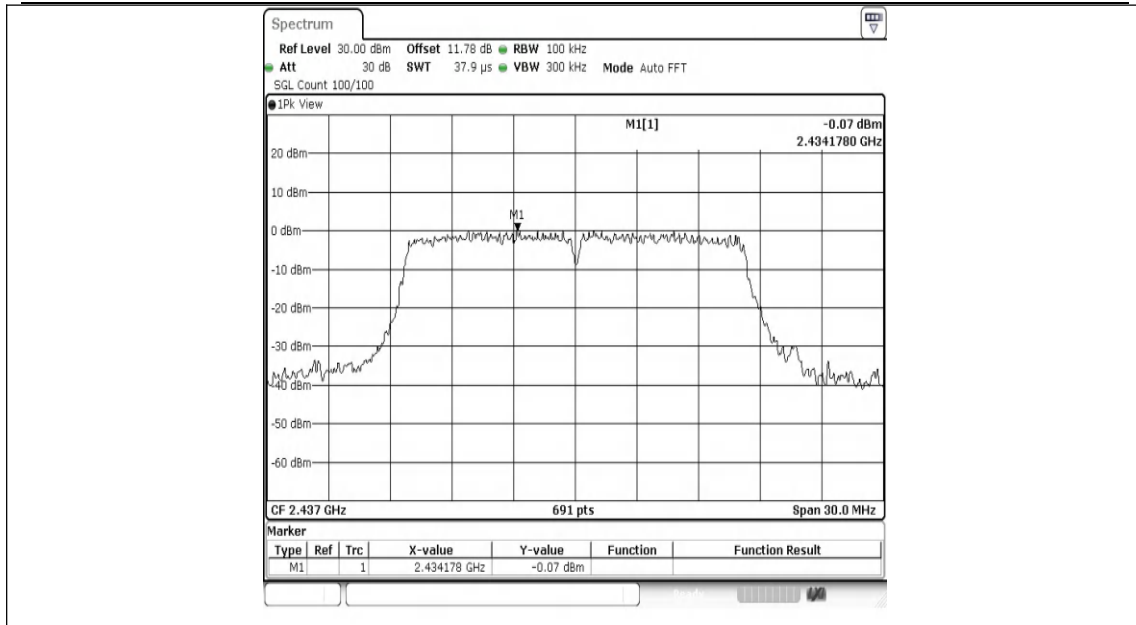


11B-Ant1-2462-1000~26500-PASS

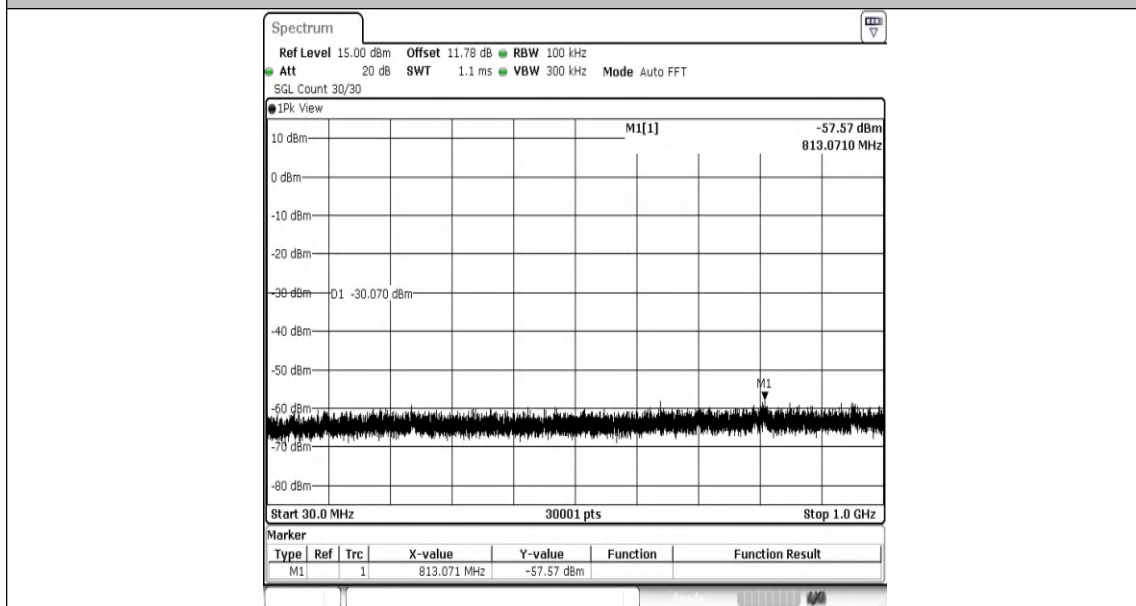


11G-Ant1-2412-0~Reference-PASS

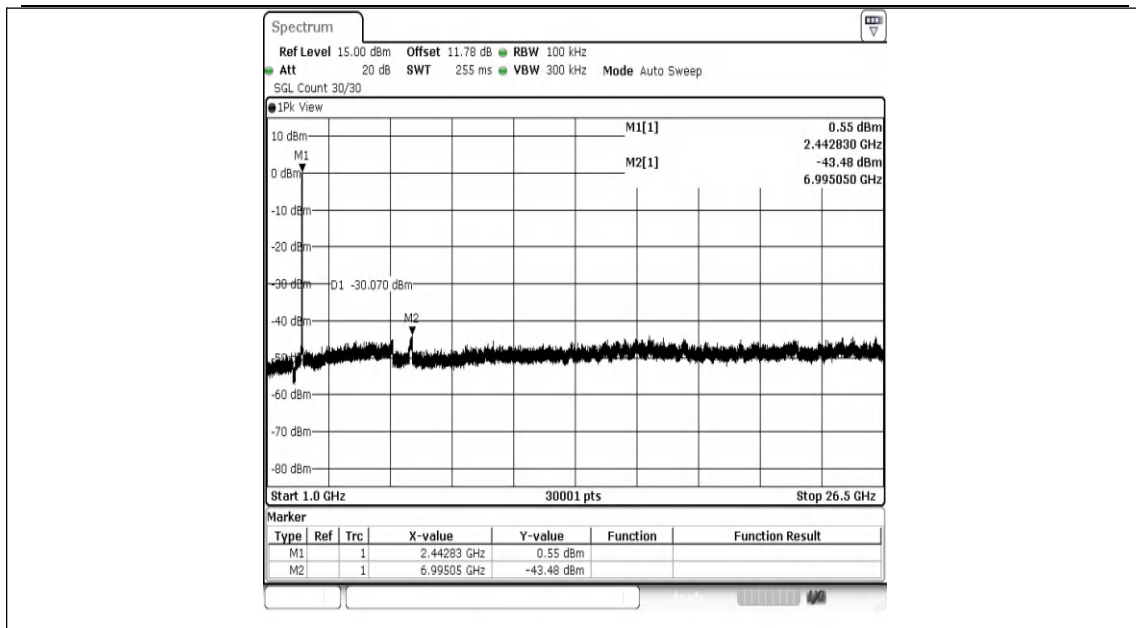




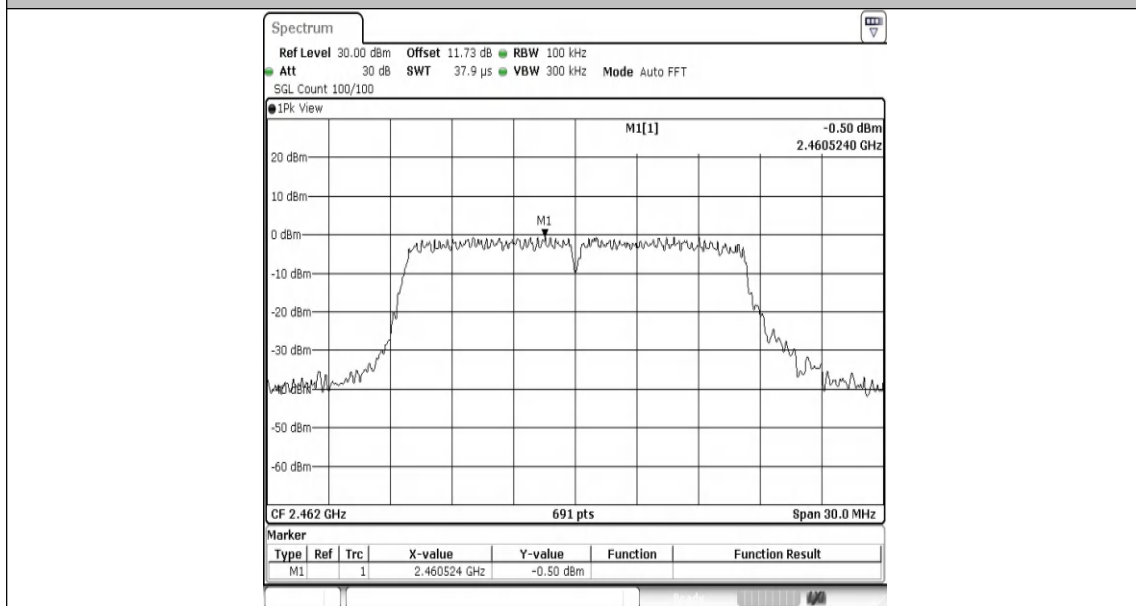
11G-Ant1-2437-0~Reference-PASS



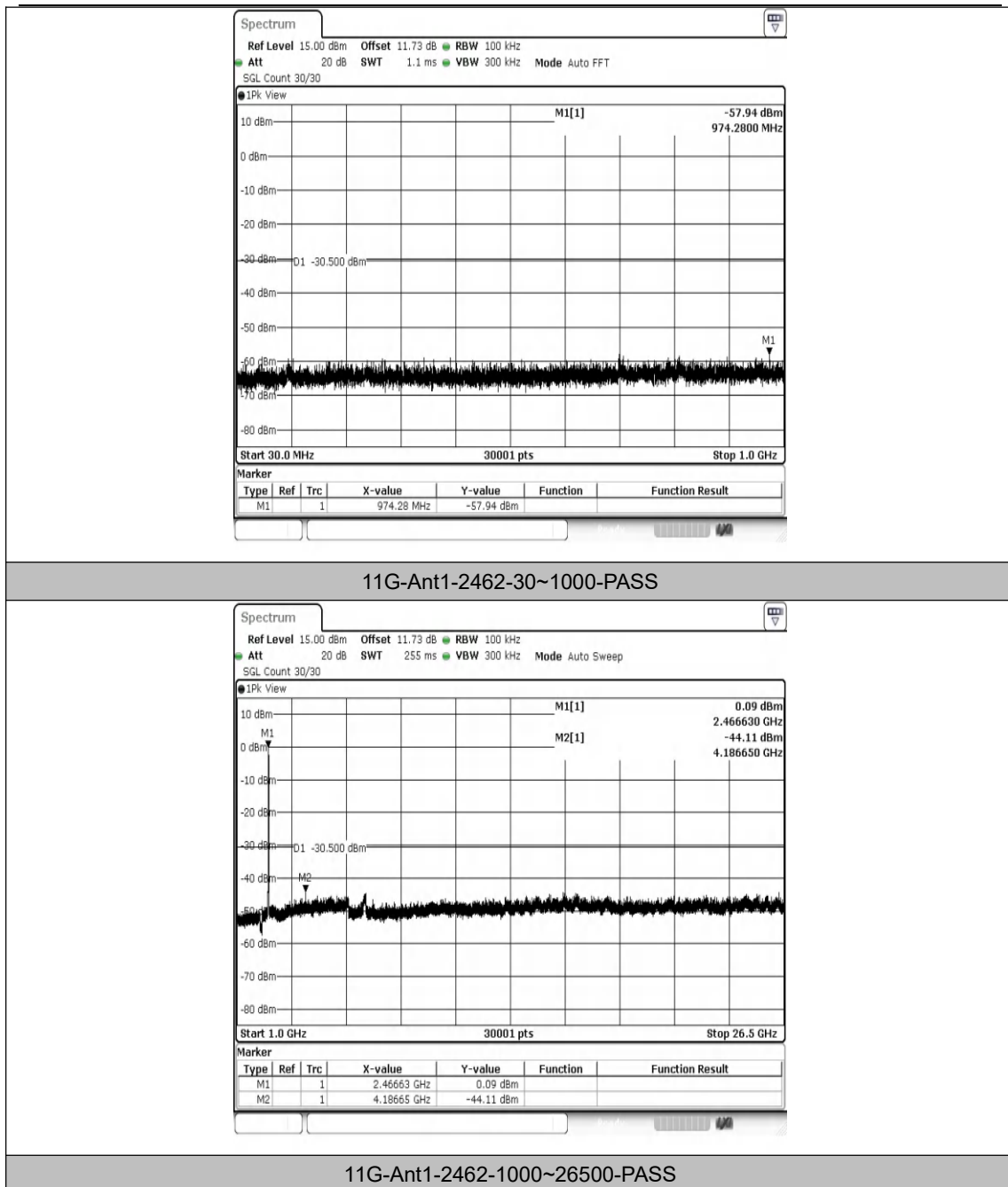
11G-Ant1-2437-30~1000-PASS



11G-Ant1-2437-1000~26500-PASS



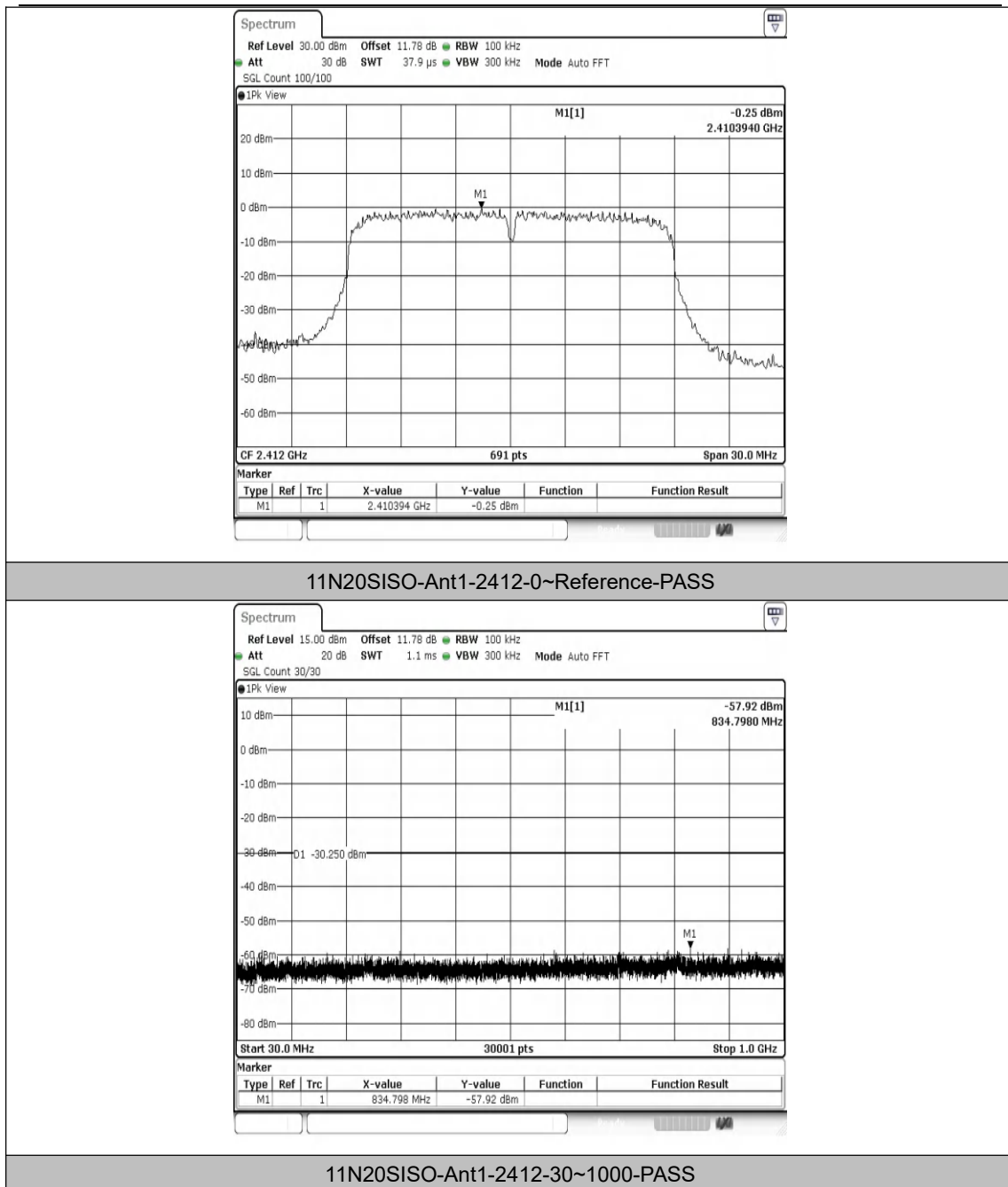
11G-Ant1-2462-0~Reference-PASS



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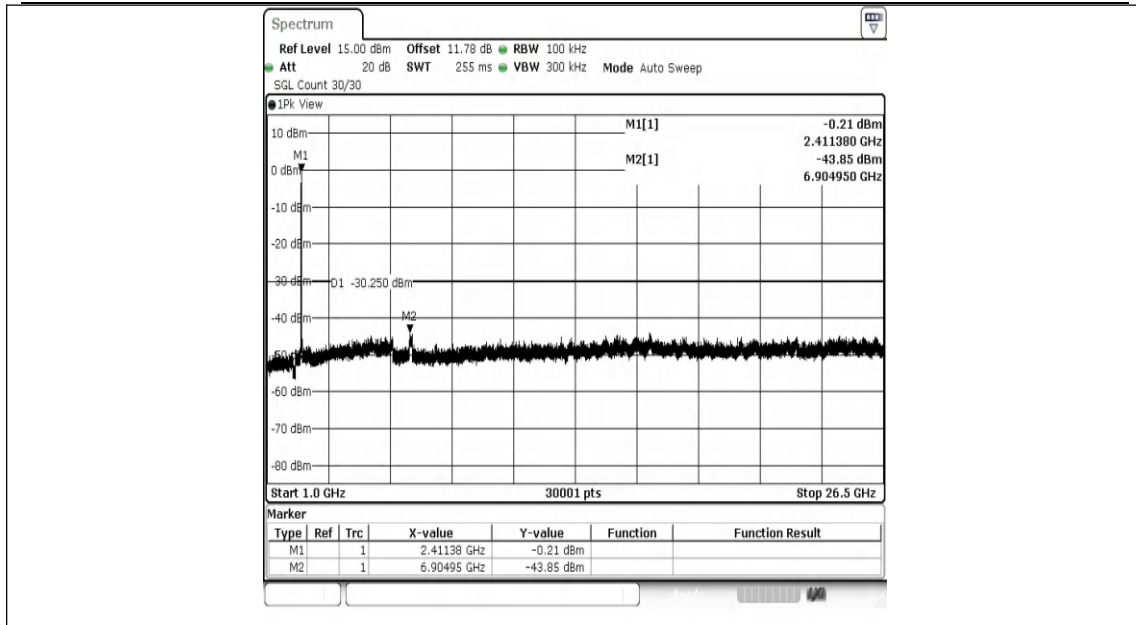
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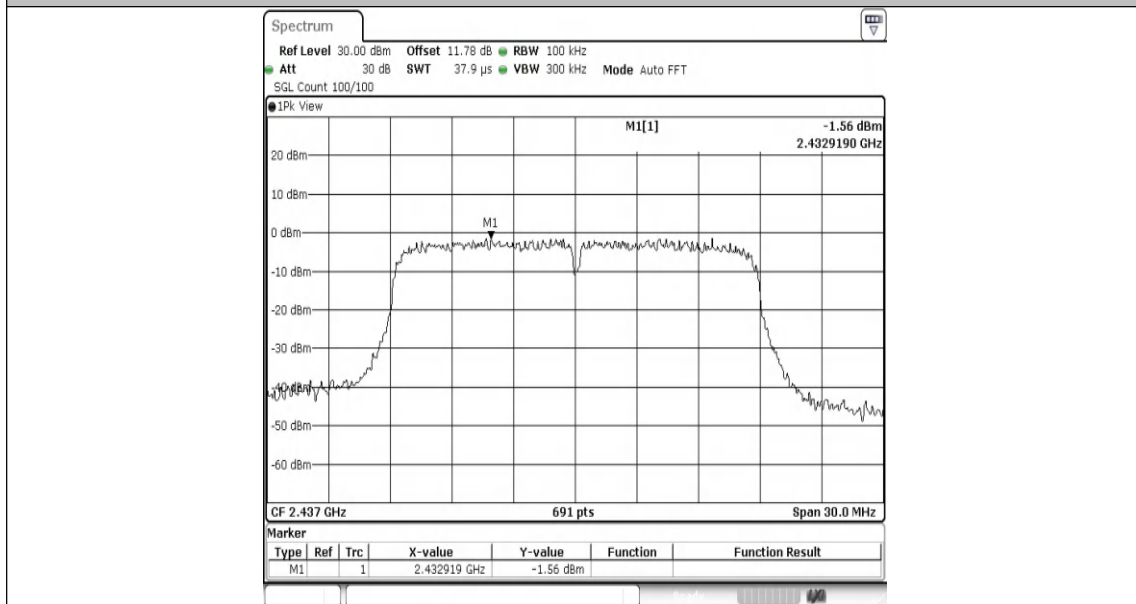
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Tel:(86)0755-26066440 Email:service@anbotech.com

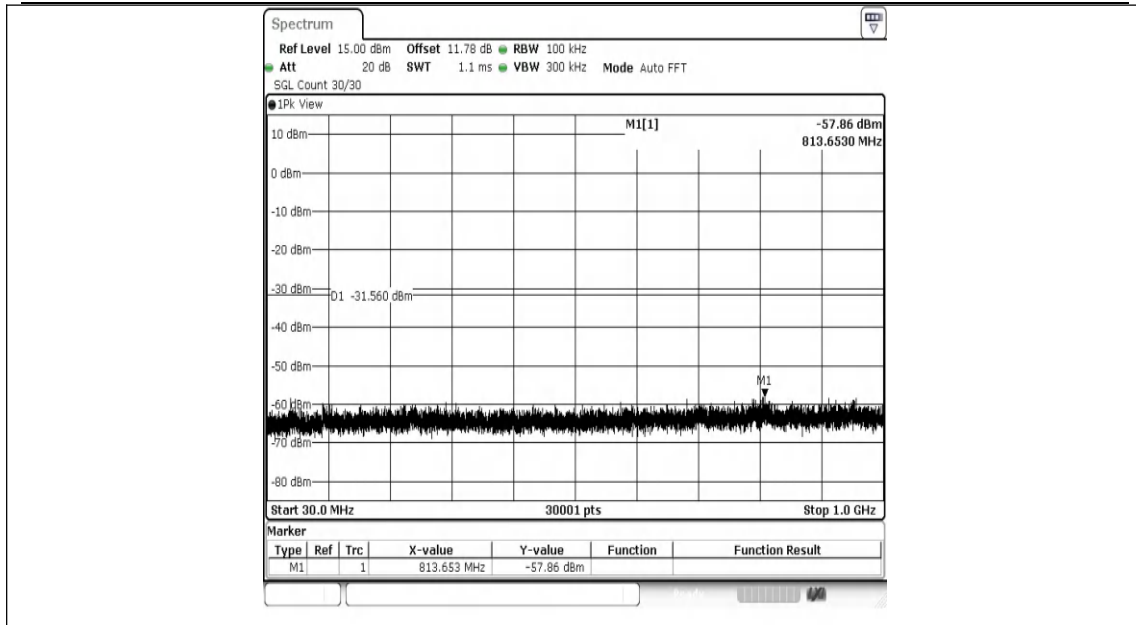
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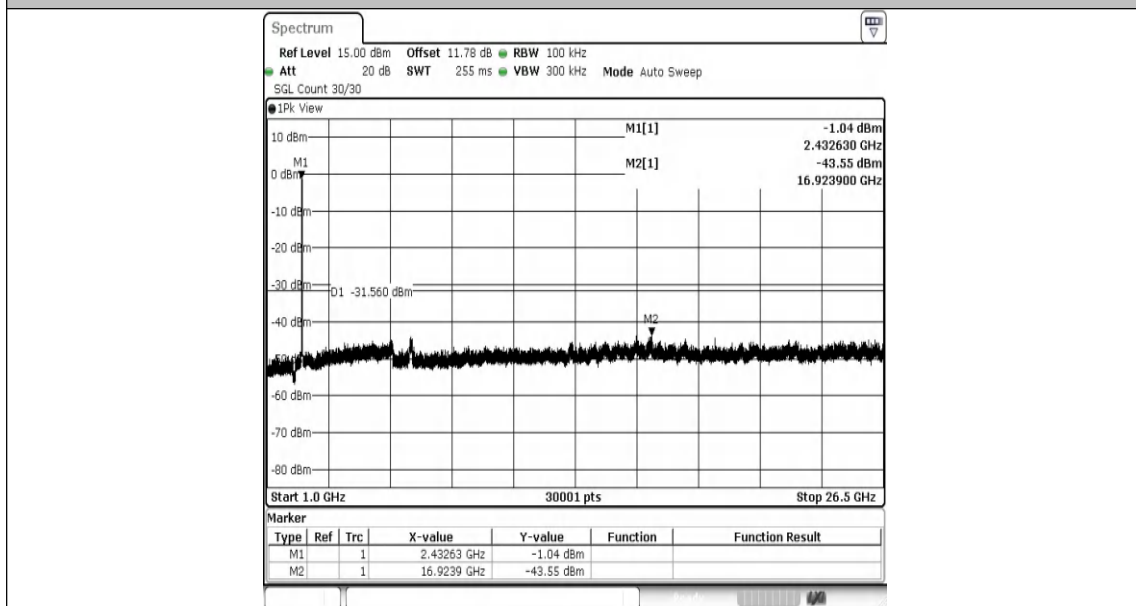
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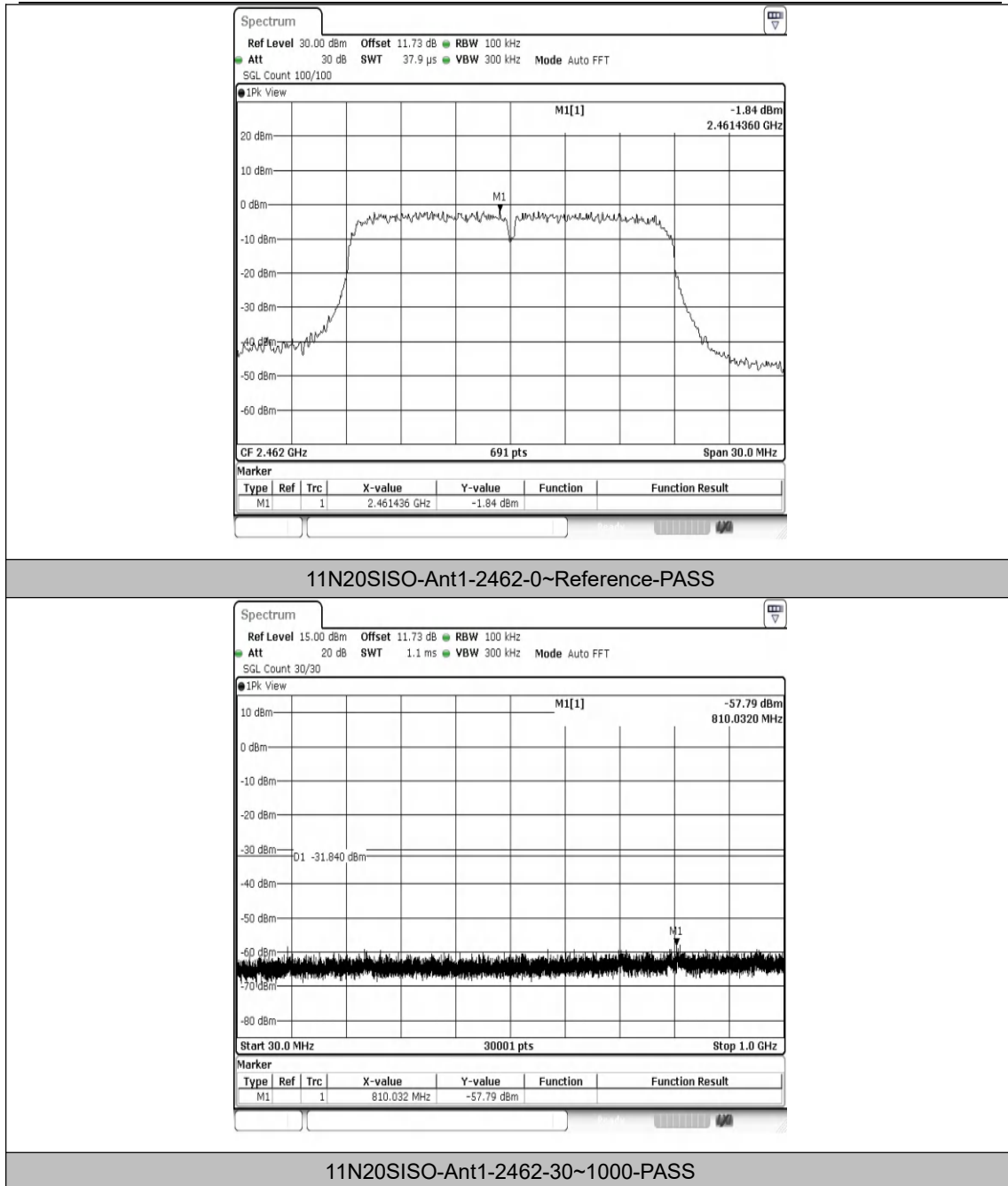
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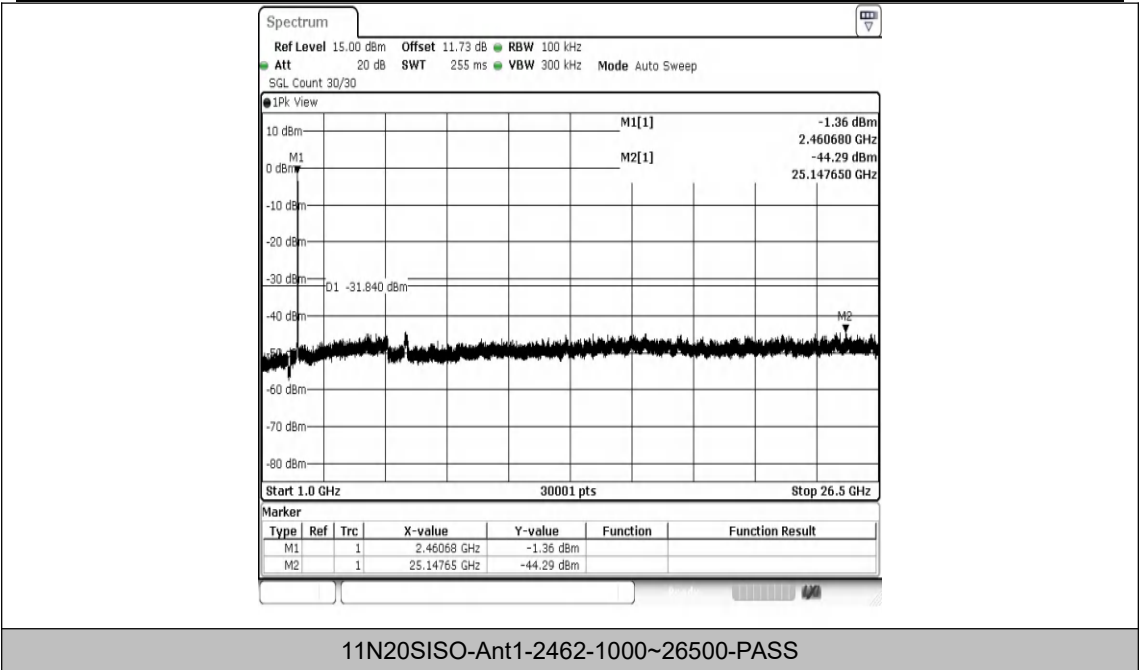
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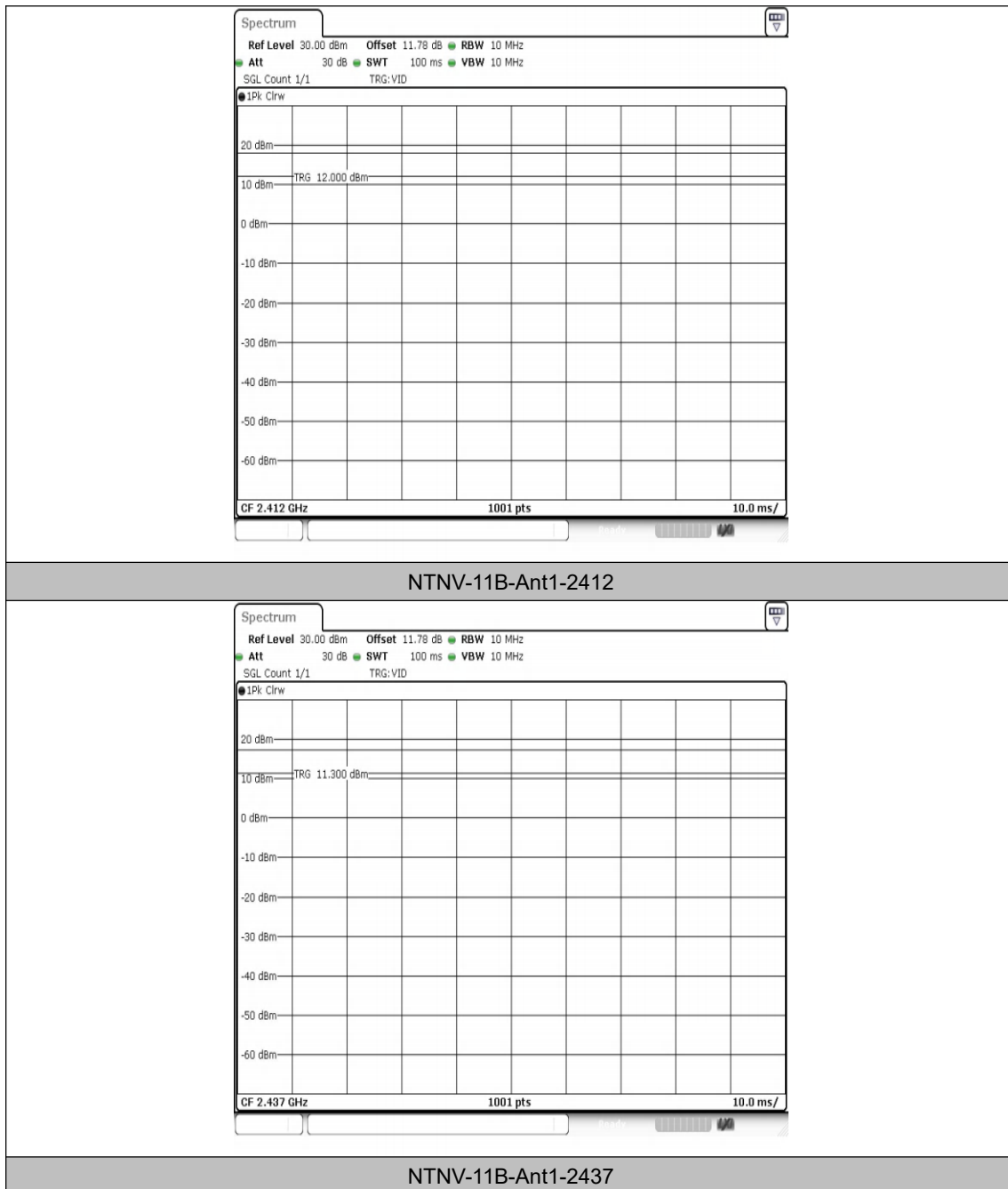
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor [dB]
11B	Ant1	2412	100.00	100.00	100.00	0.00
11B	Ant1	2437	100.00	100.00	100.00	0.00
11B	Ant1	2462	100.00	100.00	100.00	0.00
11G	Ant1	2412	100.00	100.00	100.00	0.00
11G	Ant1	2437	100.00	100.00	100.00	0.00
11G	Ant1	2462	100.00	100.00	100.00	0.00
11N20SISO	Ant1	2412	100.00	100.00	100.00	0.00
11N20SISO	Ant1	2437	100.00	100.00	100.00	0.00
11N20SISO	Ant1	2462	100.00	100.00	100.00	0.00

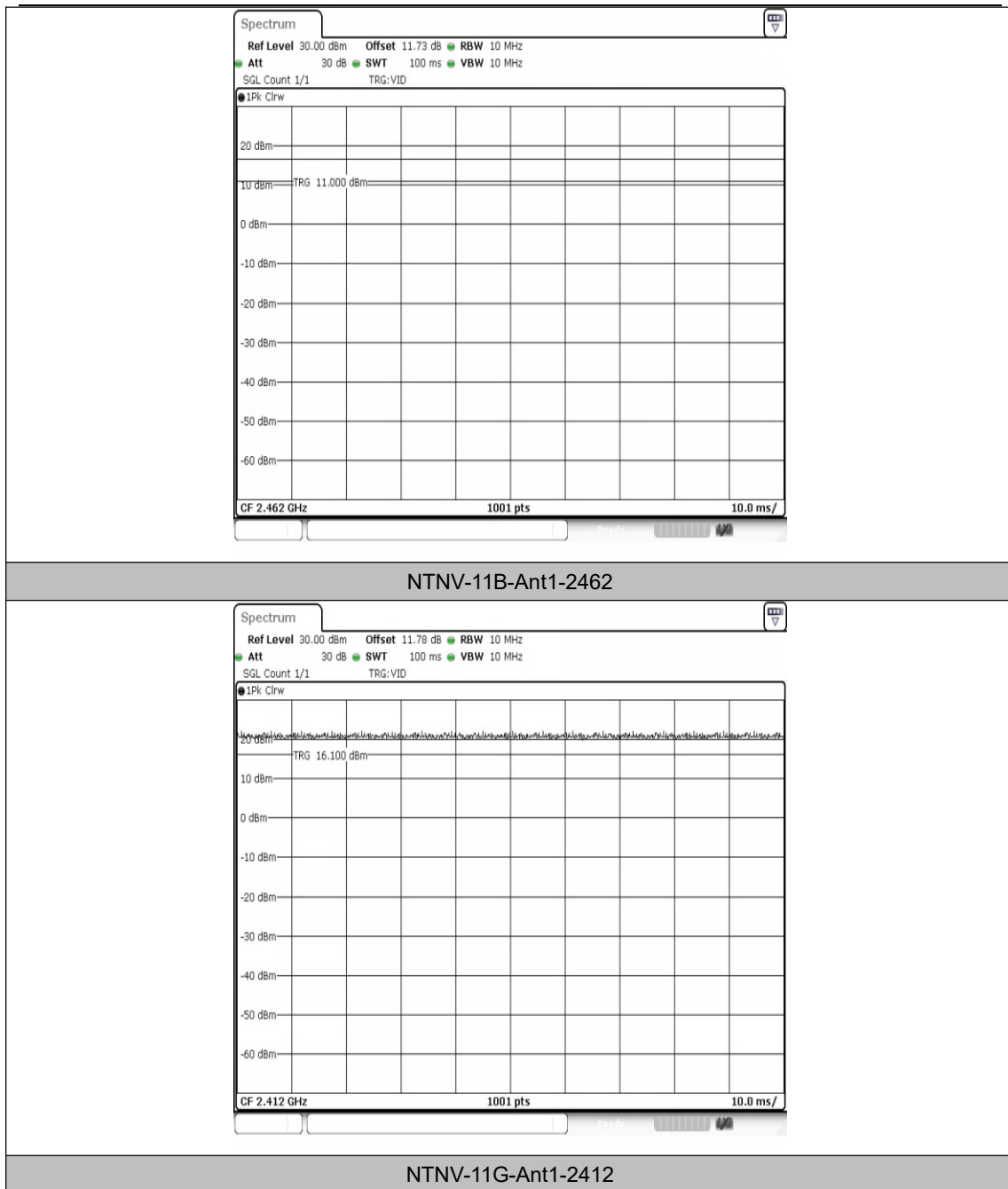
Test Graphs



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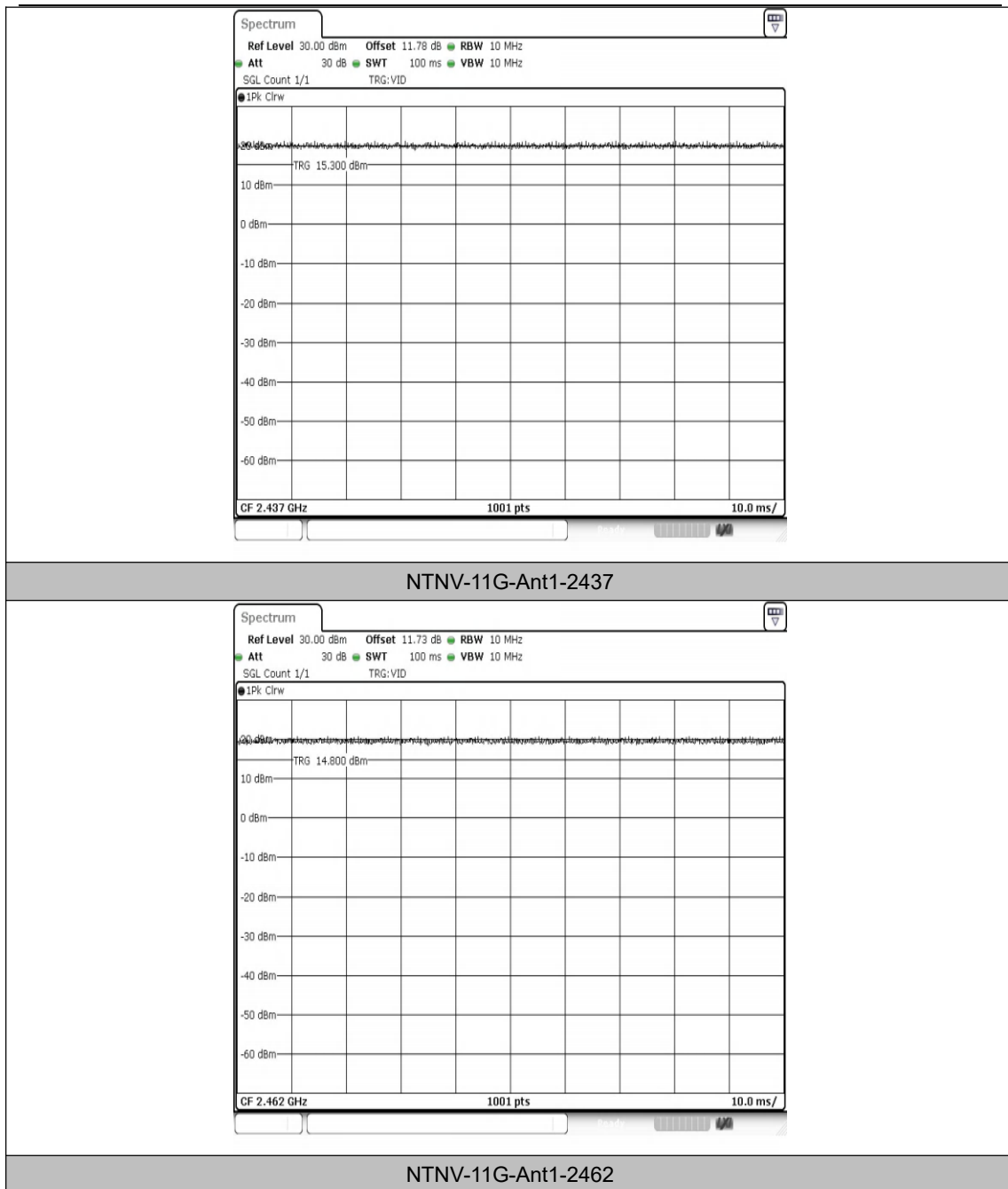
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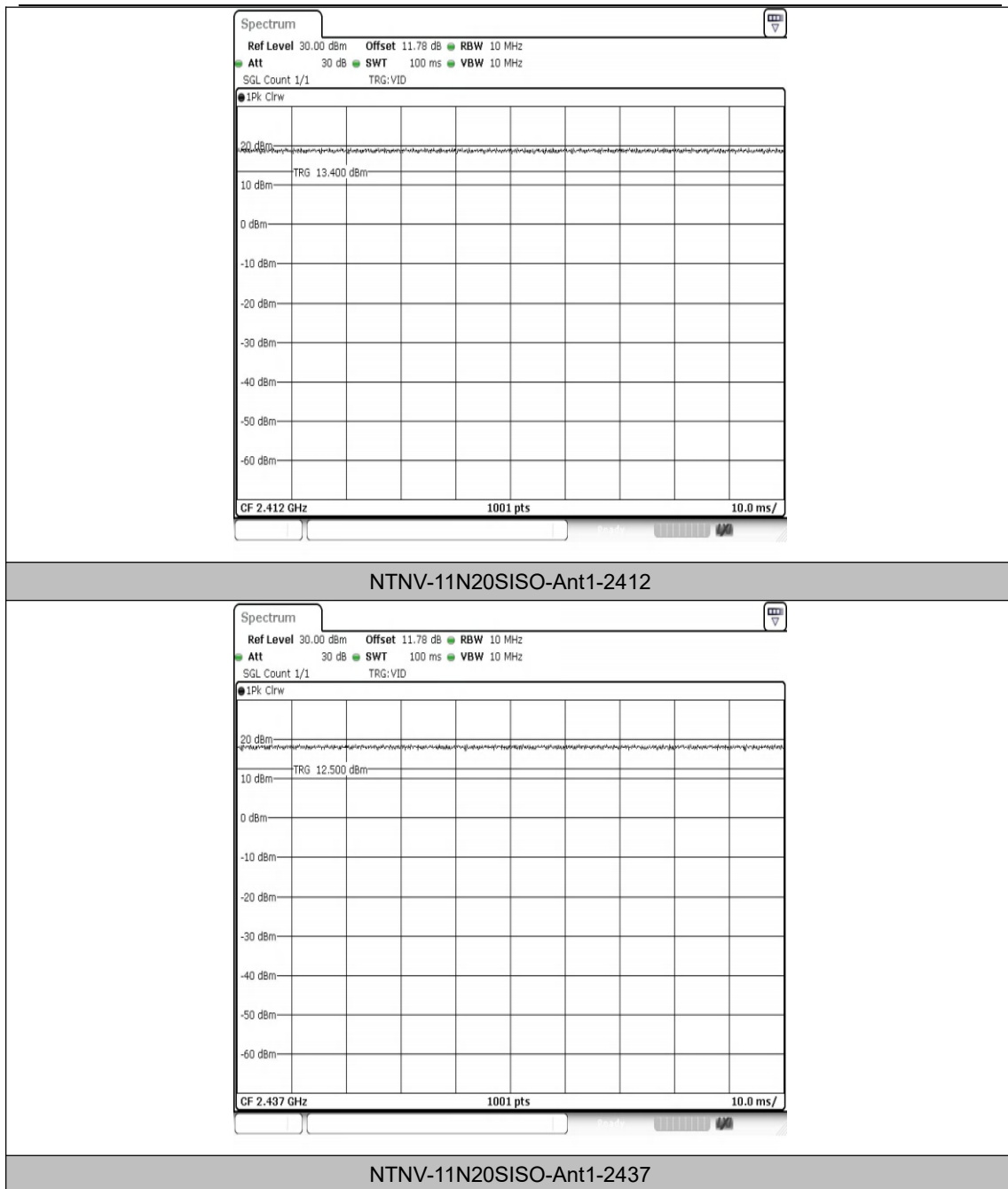
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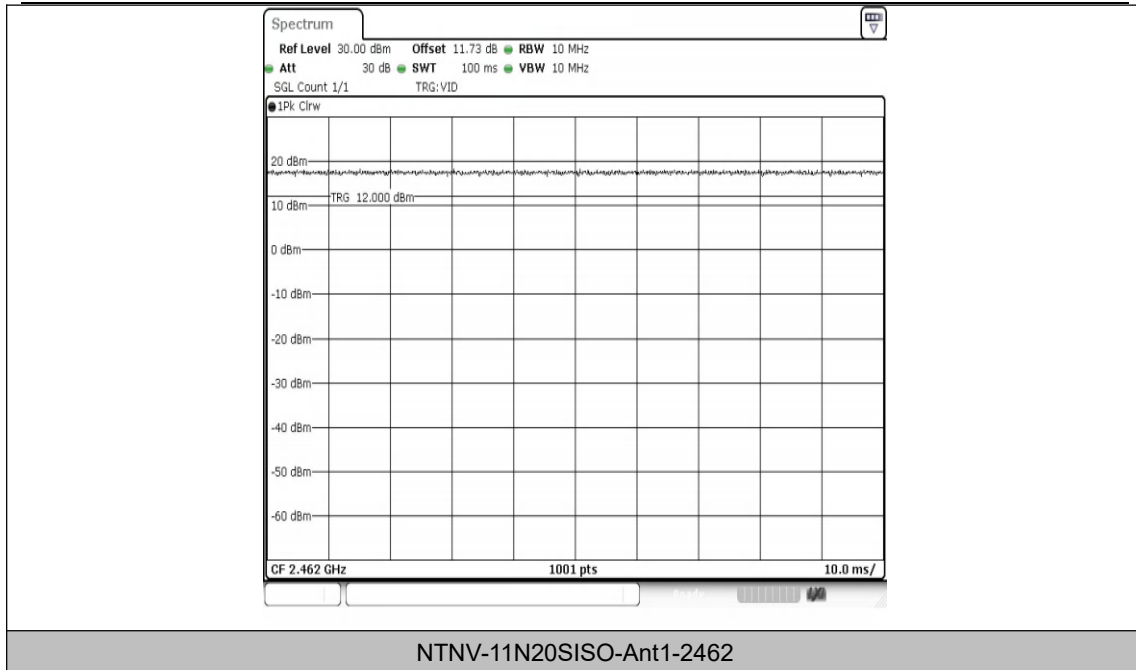
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