

Appendix Test Data

Report No:	182512C400261103	Test Sample NO:	1-2-2
Start Test Date:	2024.7.1	Finish Test Date:	2024.7.2
Test Engineer:	Joker Huang	Auditor:	Justin Feng
Temperature:	26.3℃	Relative Humidity:	45%
Pressure:	101 kPa		

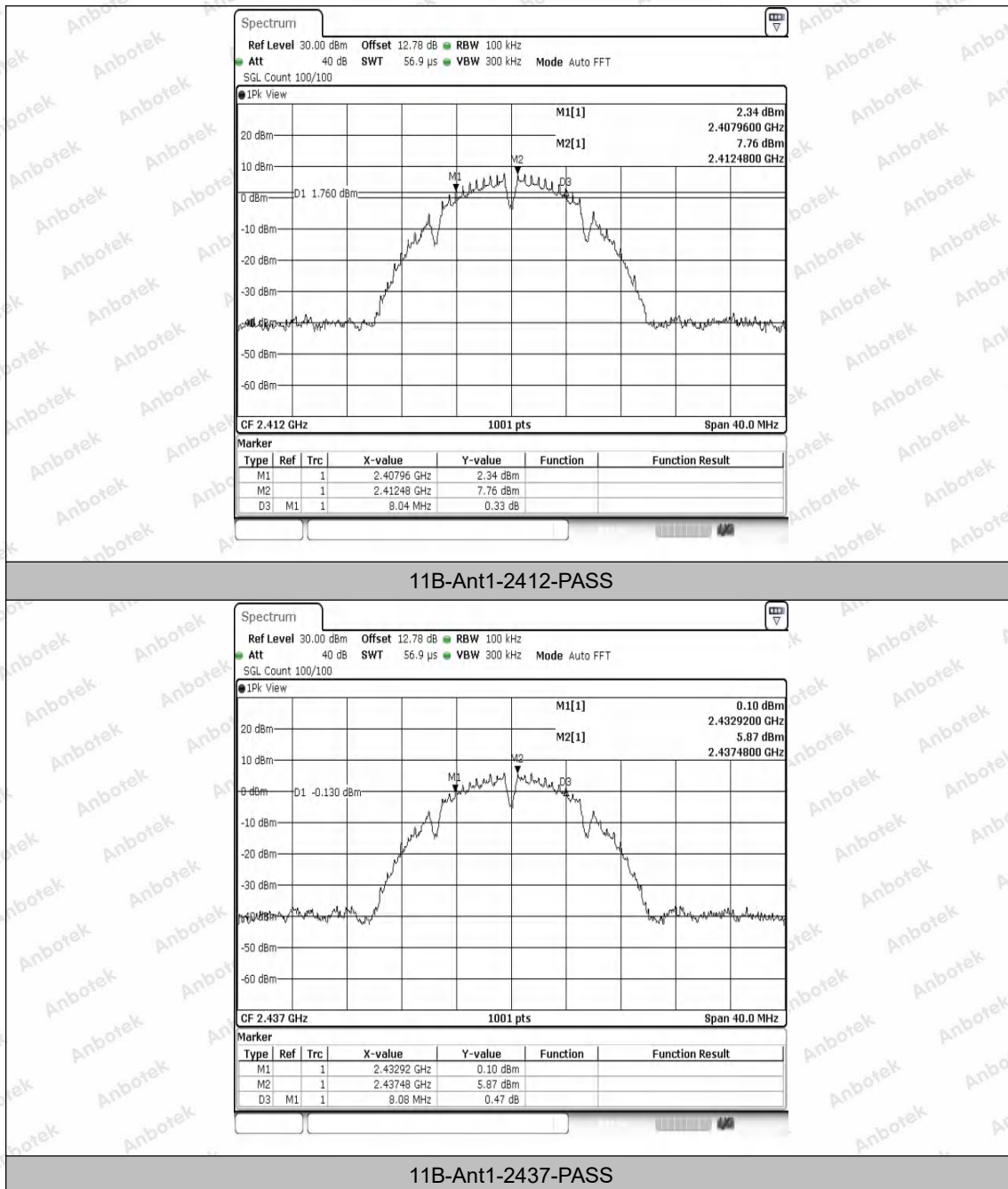
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.04	2407.96	2416.00	0.5	PASS
11B	Ant1	2437	8.08	2432.92	2441.00	0.5	PASS
11B	Ant1	2462	8.08	2457.44	2465.52	0.5	PASS
11G	Ant1	2412	16.32	2403.84	2420.16	0.5	PASS
11G	Ant1	2437	15.64	2429.08	2444.72	0.5	PASS
11G	Ant1	2462	16.32	2453.80	2470.12	0.5	PASS
11N20SISO	Ant1	2412	12.64	2405.64	2418.28	0.5	PASS
11N20SISO	Ant1	2437	13.84	2429.44	2443.28	0.5	PASS
11N20SISO	Ant1	2462	17.52	2453.20	2470.72	0.5	PASS
11N40SISO	Ant1	2422	35.12	2404.40	2439.52	0.5	PASS
11N40SISO	Ant1	2437	35.04	2419.48	2454.52	0.5	PASS
11N40SISO	Ant1	2452	27.20	2438.56	2465.76	0.5	PASS
11AX20SISO	Ant1	2412	18.68	2402.84	2421.52	0.5	PASS
11AX20SISO	Ant1	2437	18.84	2427.56	2446.40	0.5	PASS
11AX20SISO	Ant1	2462	18.72	2452.44	2471.16	0.5	PASS
11AX40SISO	Ant1	2422	36.24	2404.40	2440.64	0.5	PASS
11AX40SISO	Ant1	2437	34.08	2420.44	2454.52	0.5	PASS
11AX40SISO	Ant1	2452	37.68	2433.12	2470.80	0.5	PASS



Test Graphs



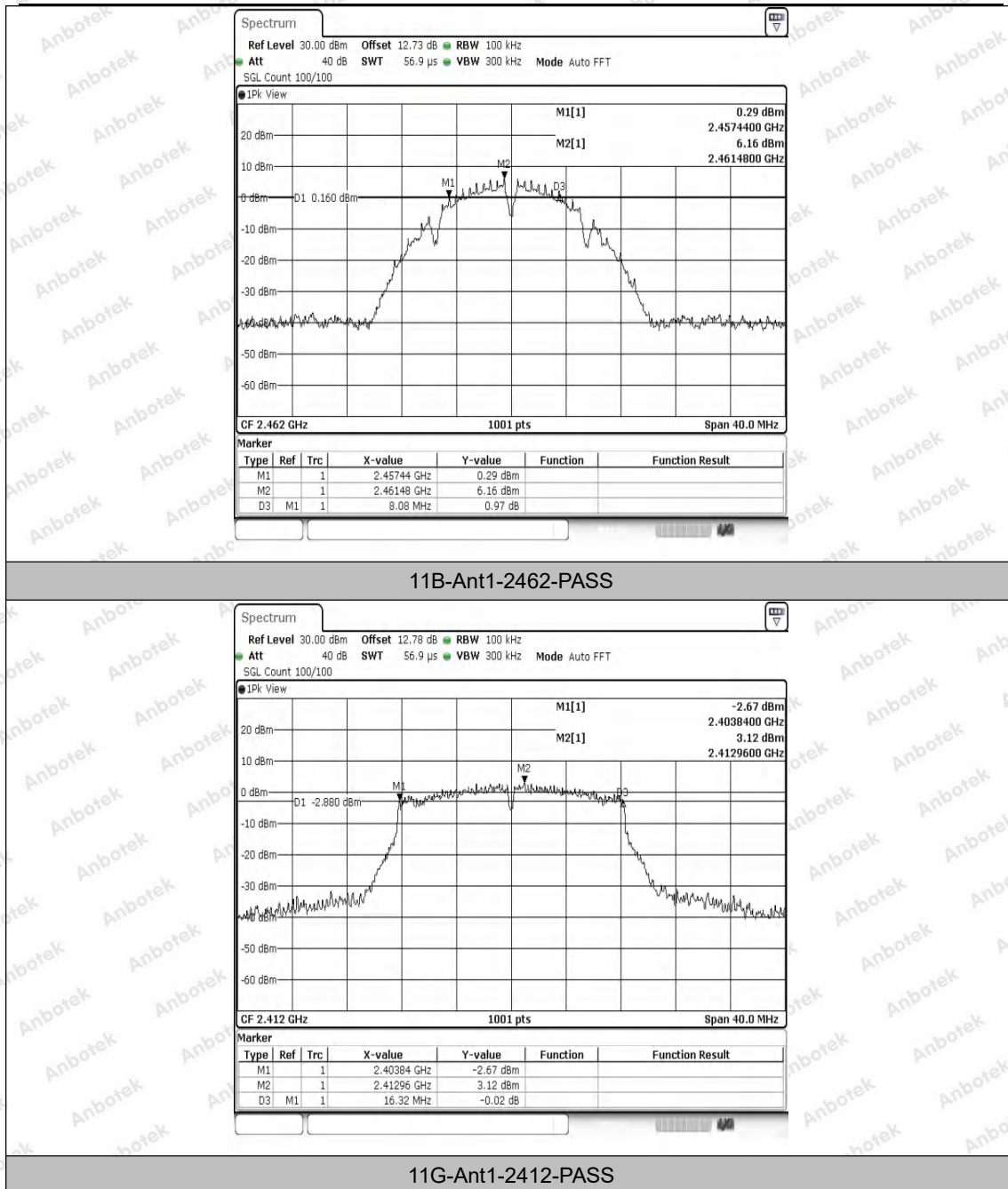
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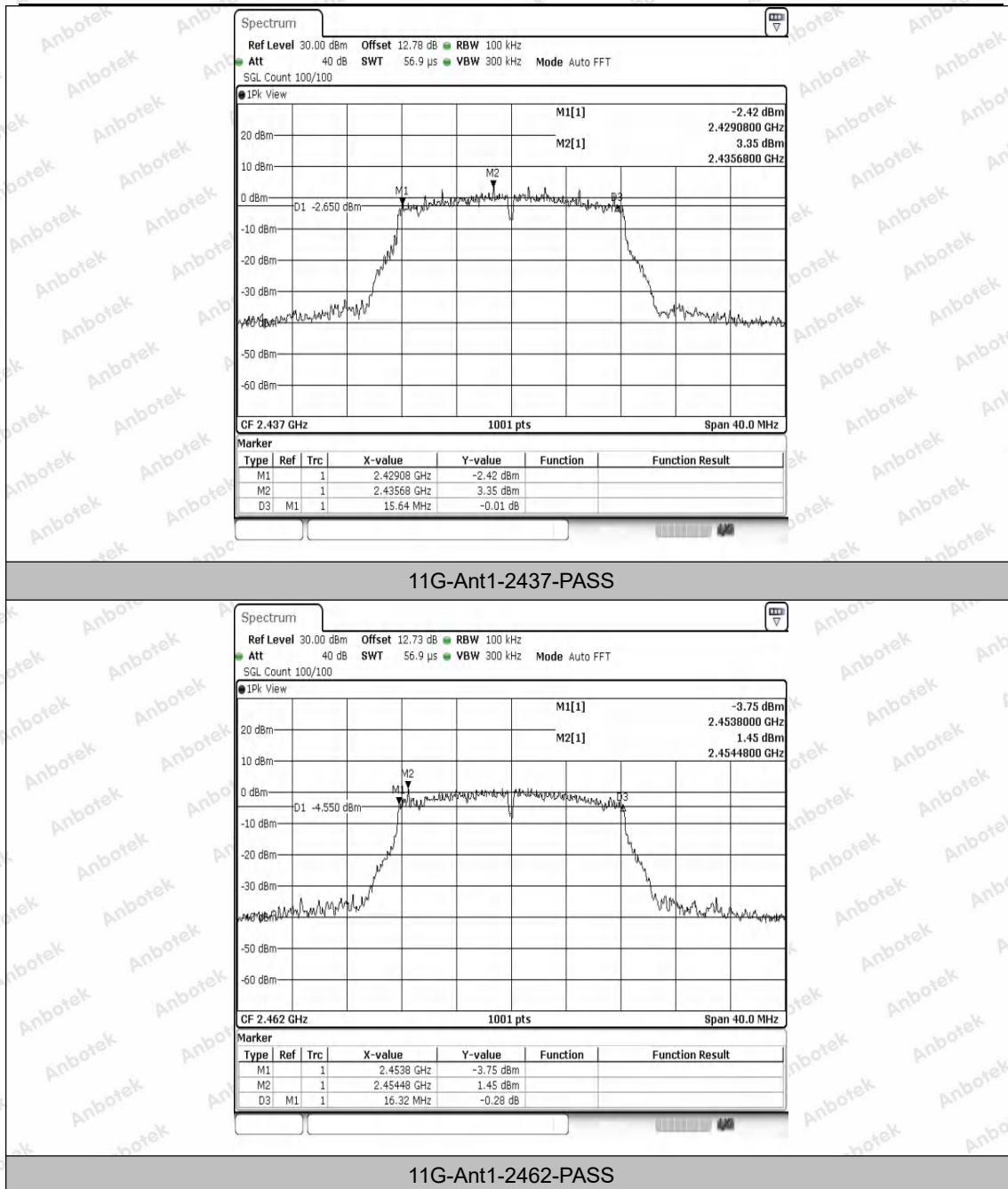
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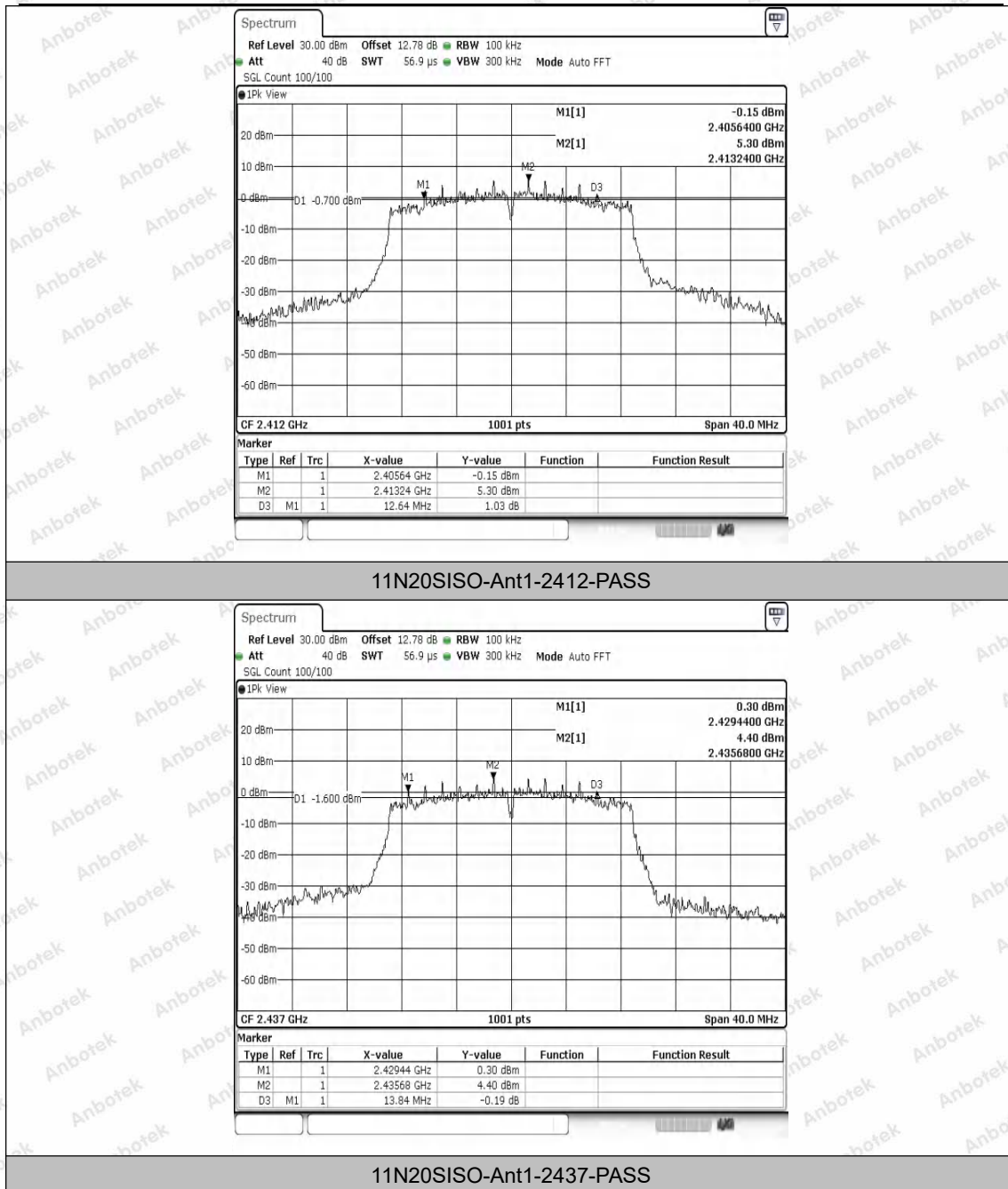
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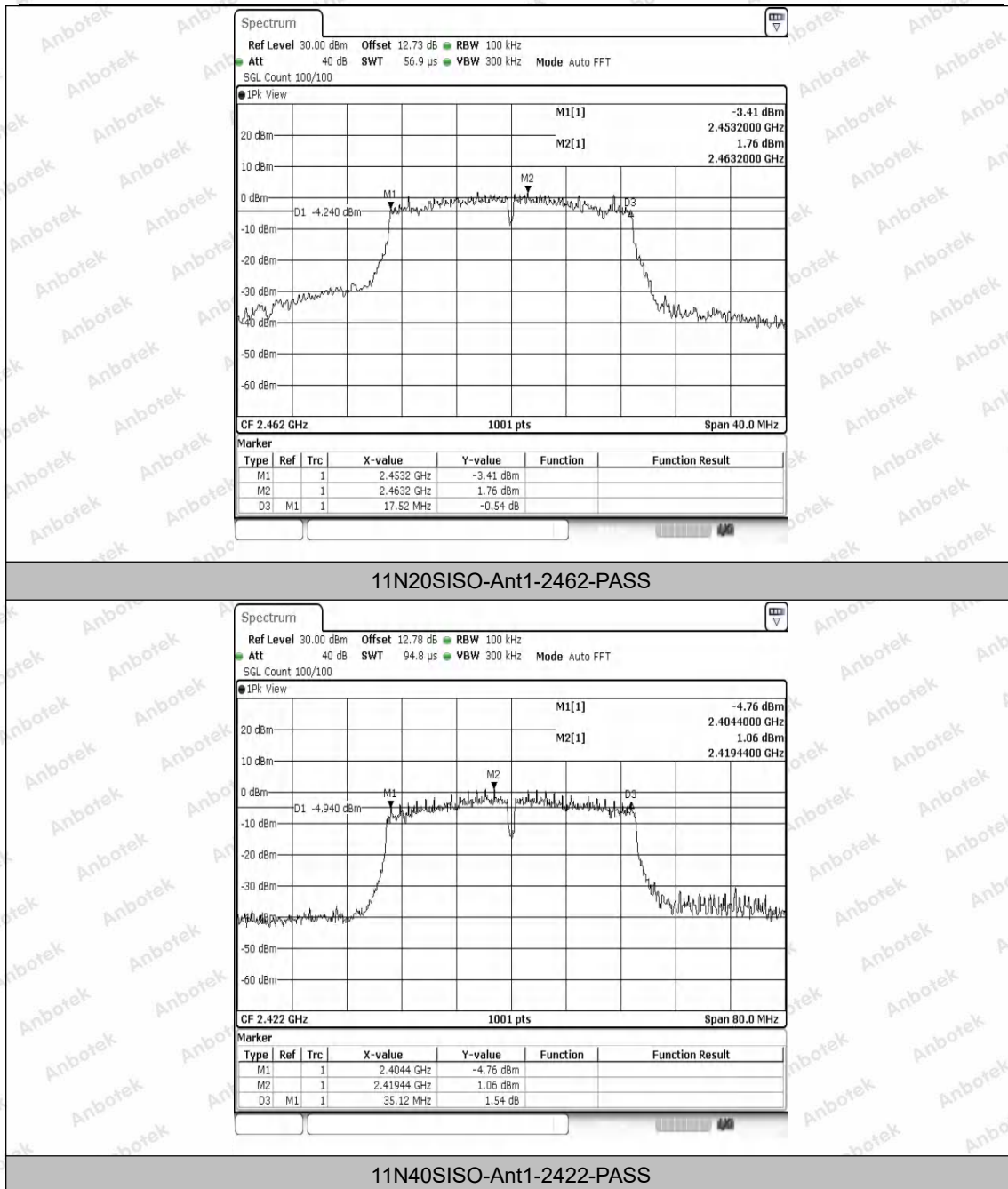
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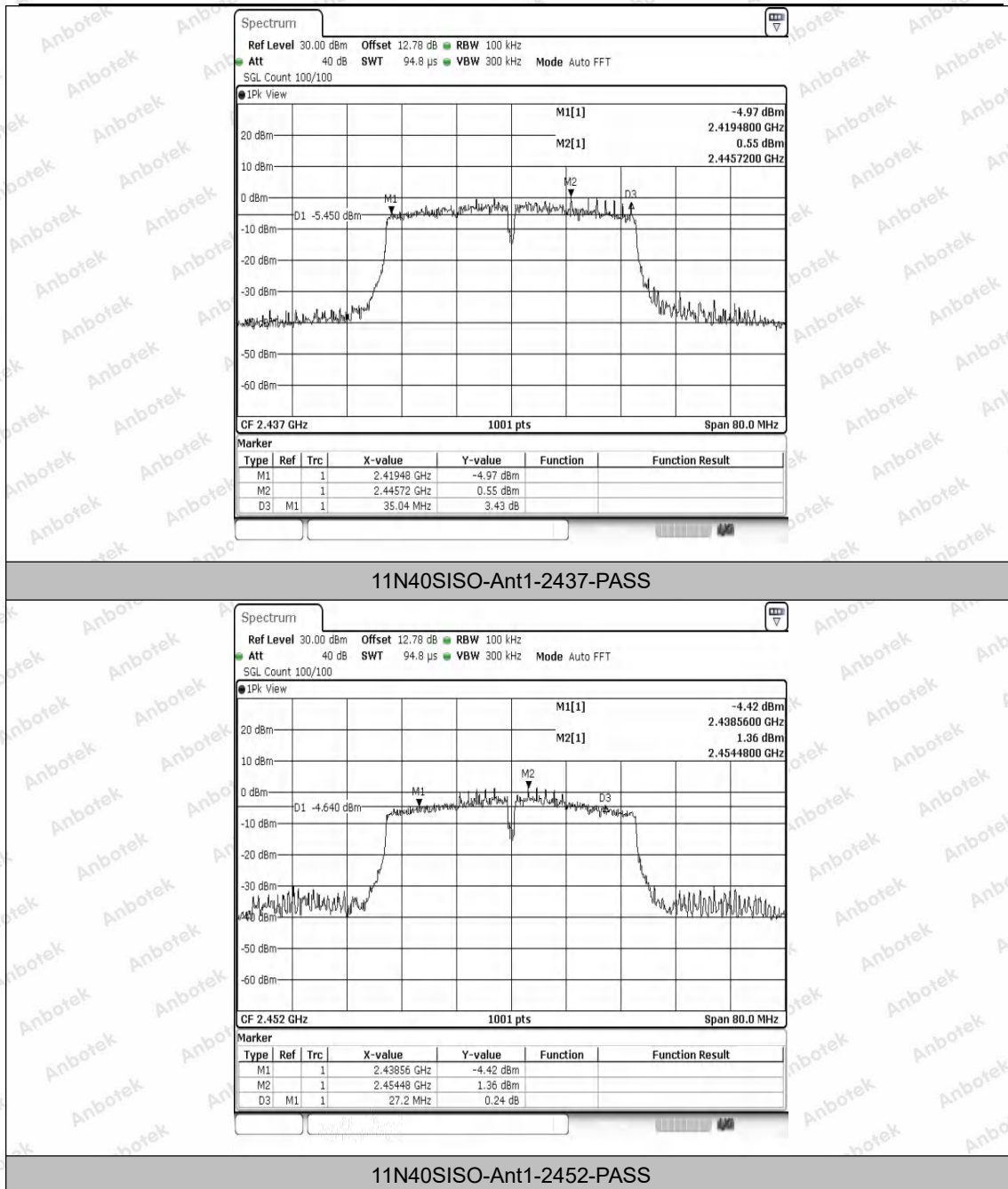
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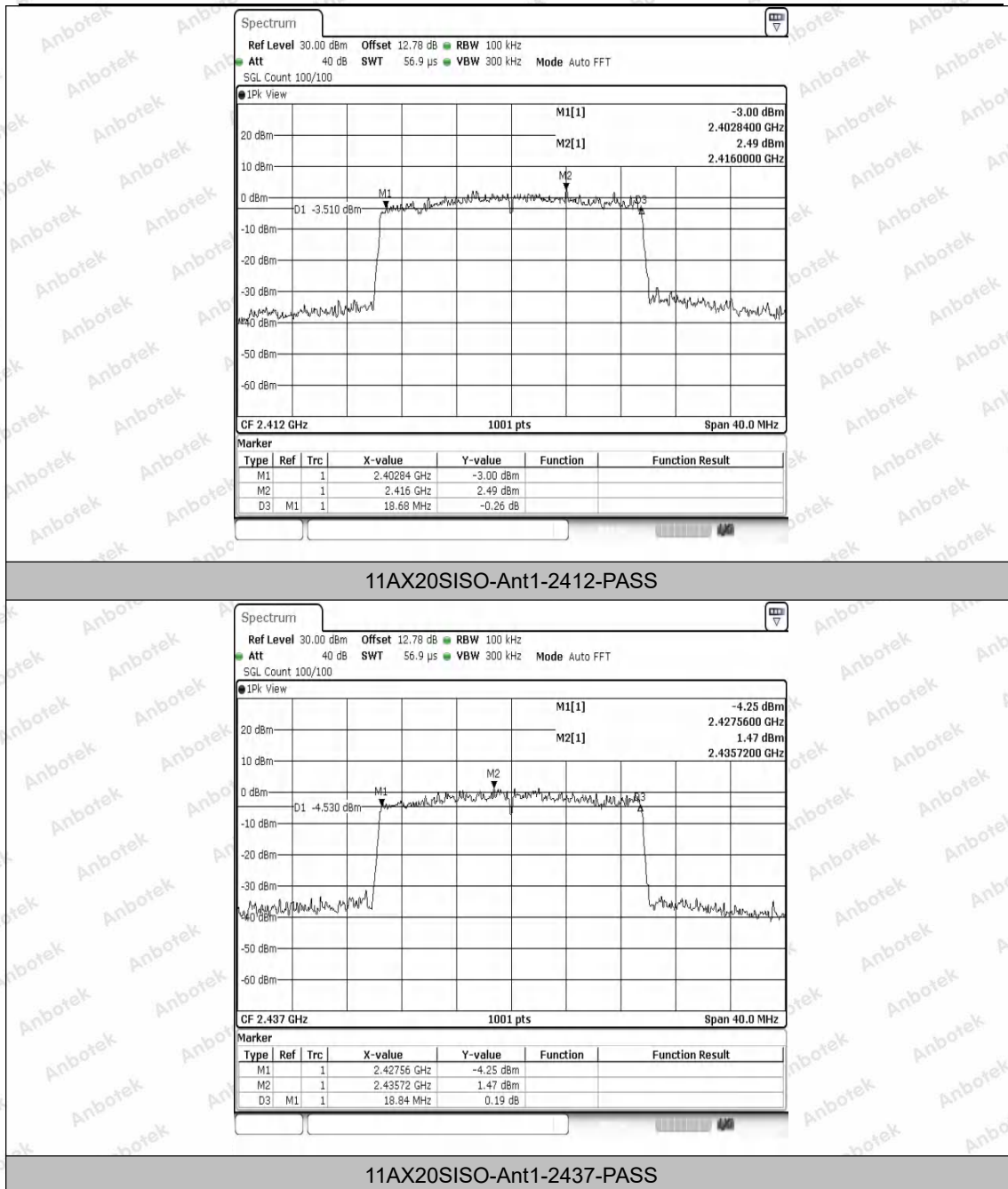
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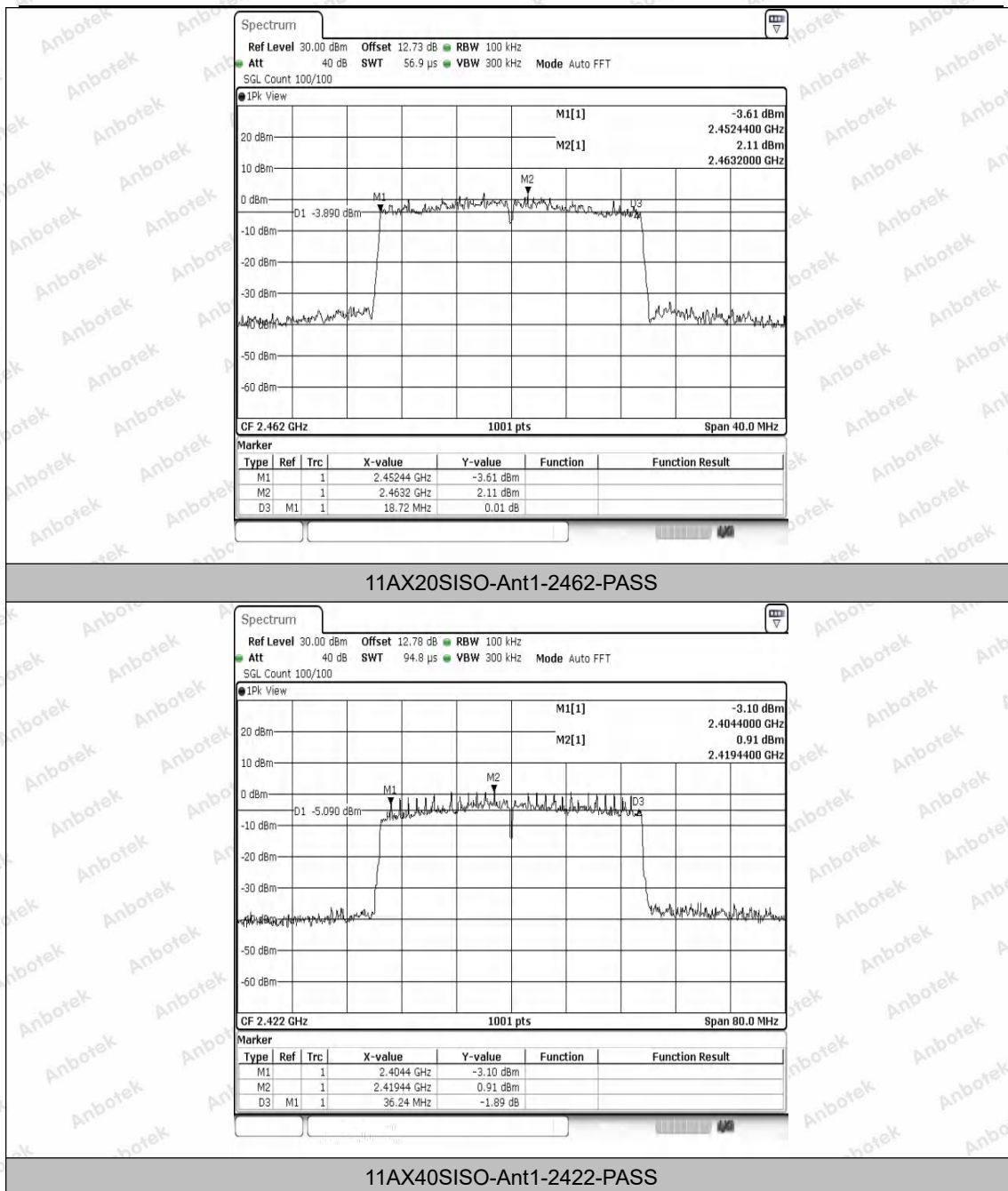
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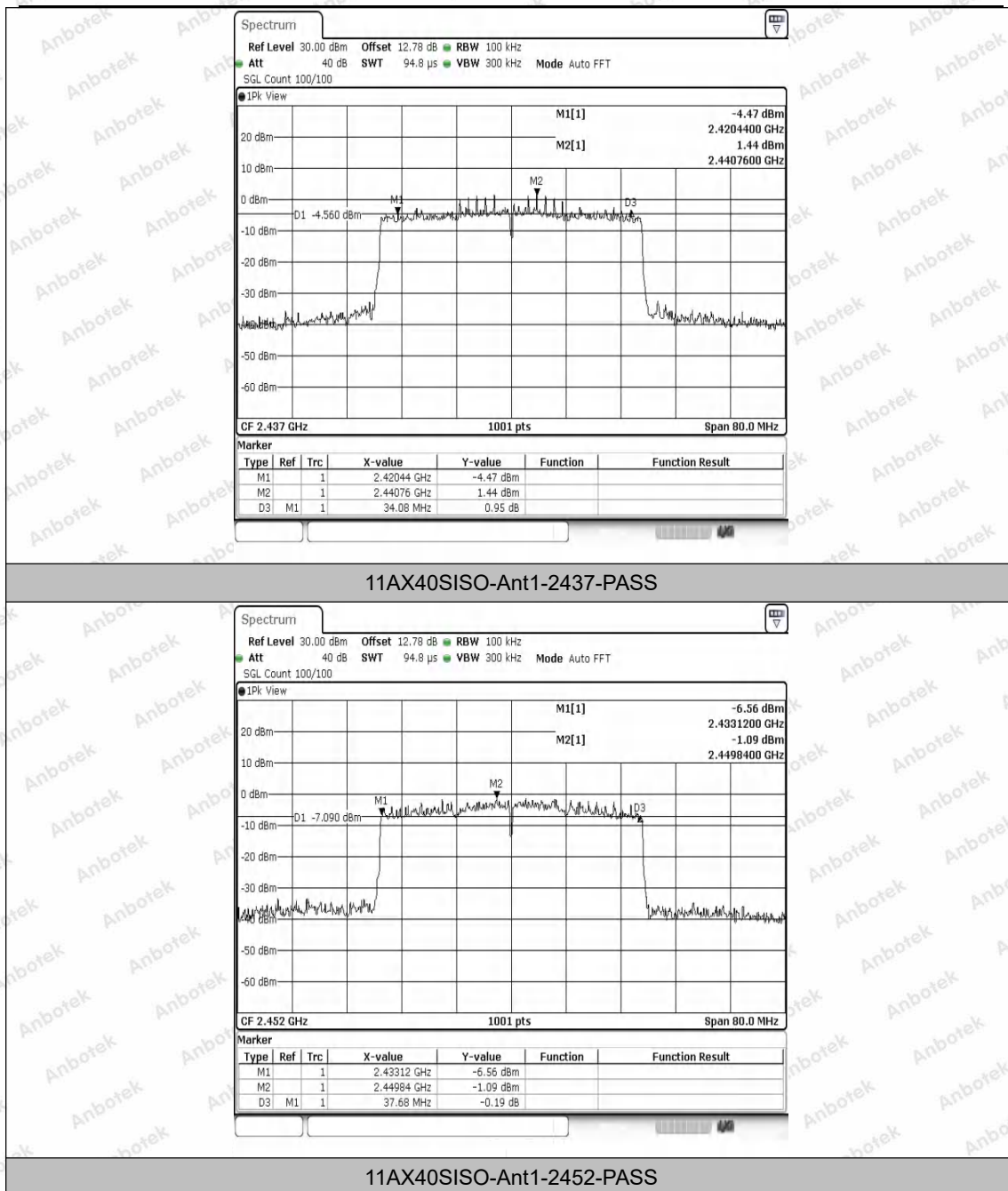
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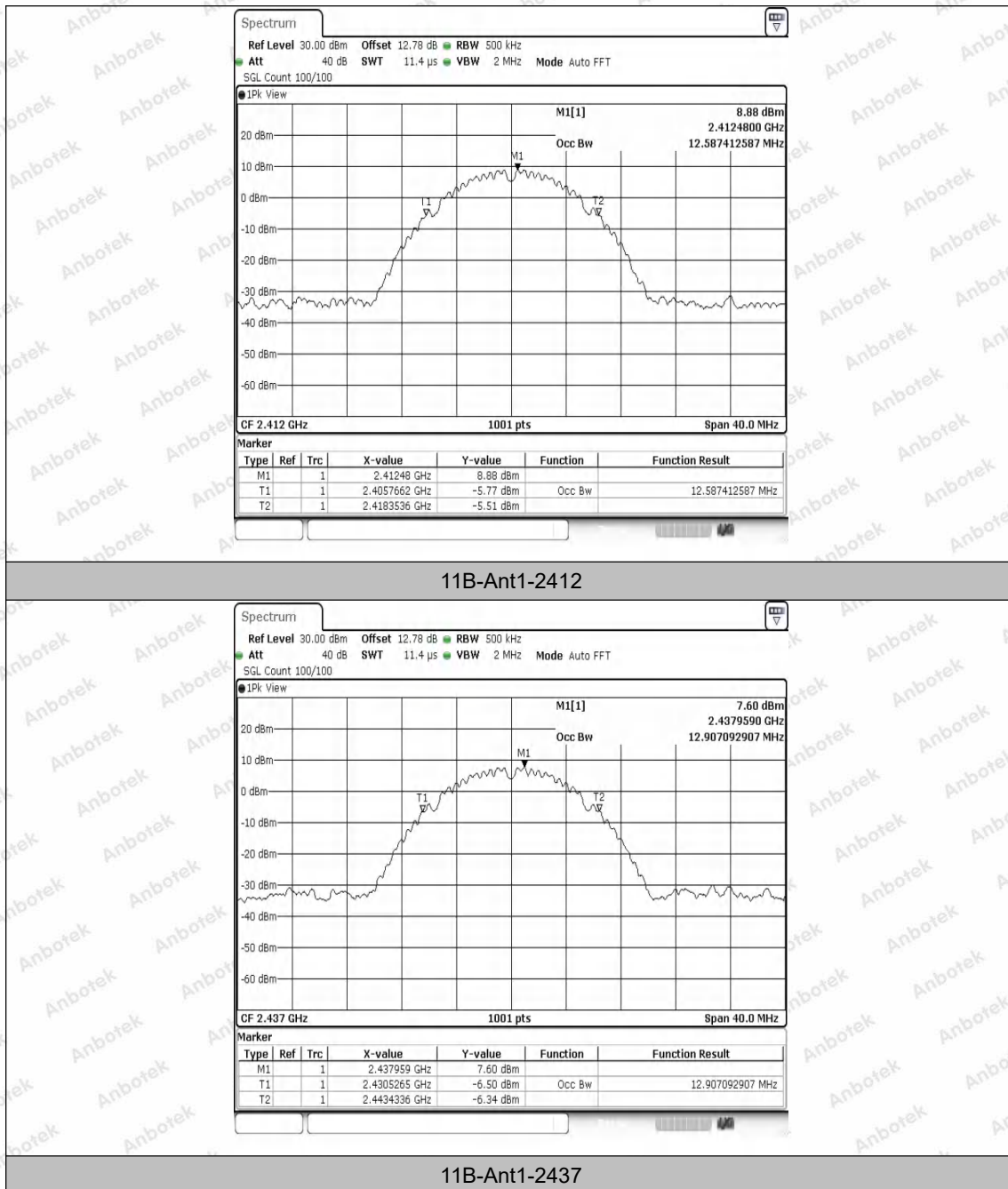
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.587	2405.7662	2418.3536	---	---
11B	Ant1	2437	12.907	2430.5265	2443.4336	---	---
11B	Ant1	2462	12.867	2455.4865	2468.3536	---	---
11G	Ant1	2412	16.583	2403.7682	2420.3516	---	---
11G	Ant1	2437	16.583	2428.6084	2445.1918	---	---
11G	Ant1	2462	16.424	2453.7682	2470.1918	---	---
11N20SISO	Ant1	2412	17.902	2403.2488	2421.1508	---	---
11N20SISO	Ant1	2437	17.702	2428.1289	2445.8312	---	---
11N20SISO	Ant1	2462	17.742	2453.1688	2470.9111	---	---
11N40SISO	Ant1	2422	36.284	2404.0979	2440.3816	---	---
11N40SISO	Ant1	2437	36.284	2418.7782	2455.0619	---	---
11N40SISO	Ant1	2452	35.884	2434.0180	2469.9021	---	---
11AX20SISO	Ant1	2412	18.861	2402.6094	2421.4705	---	---
11AX20SISO	Ant1	2437	18.821	2427.5694	2446.3906	---	---
11AX20SISO	Ant1	2462	18.861	2452.4895	2471.3506	---	---
11AX40SISO	Ant1	2422	37.642	2403.2987	2440.9411	---	---
11AX40SISO	Ant1	2437	37.722	2418.1389	2455.8611	---	---
11AX40SISO	Ant1	2452	37.562	2433.0589	2470.6214	---	---



Test Graphs



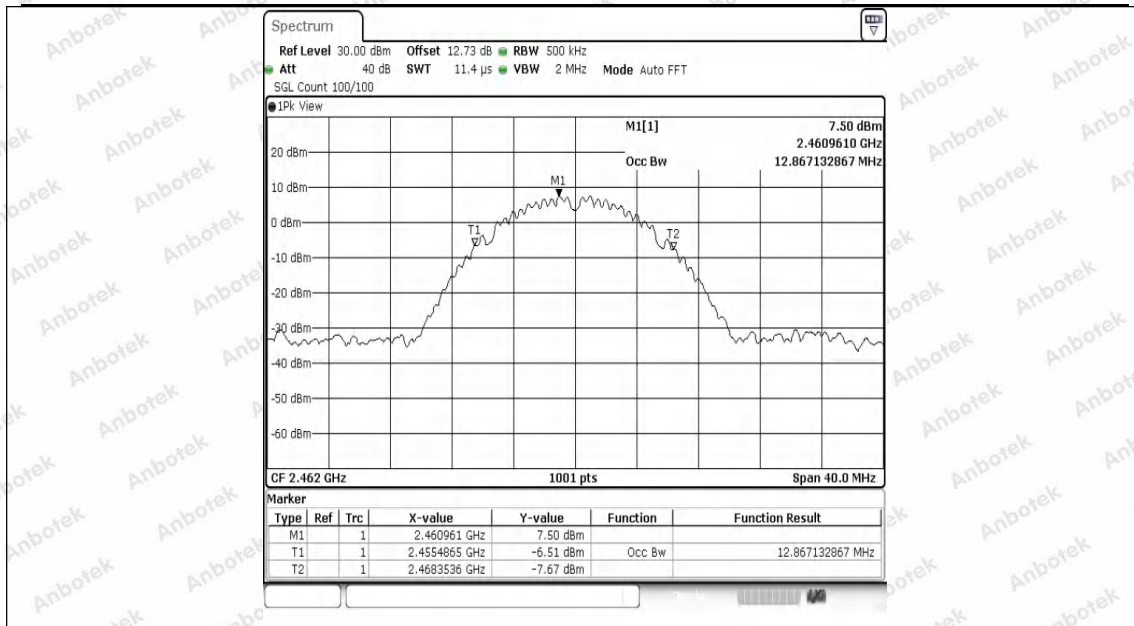
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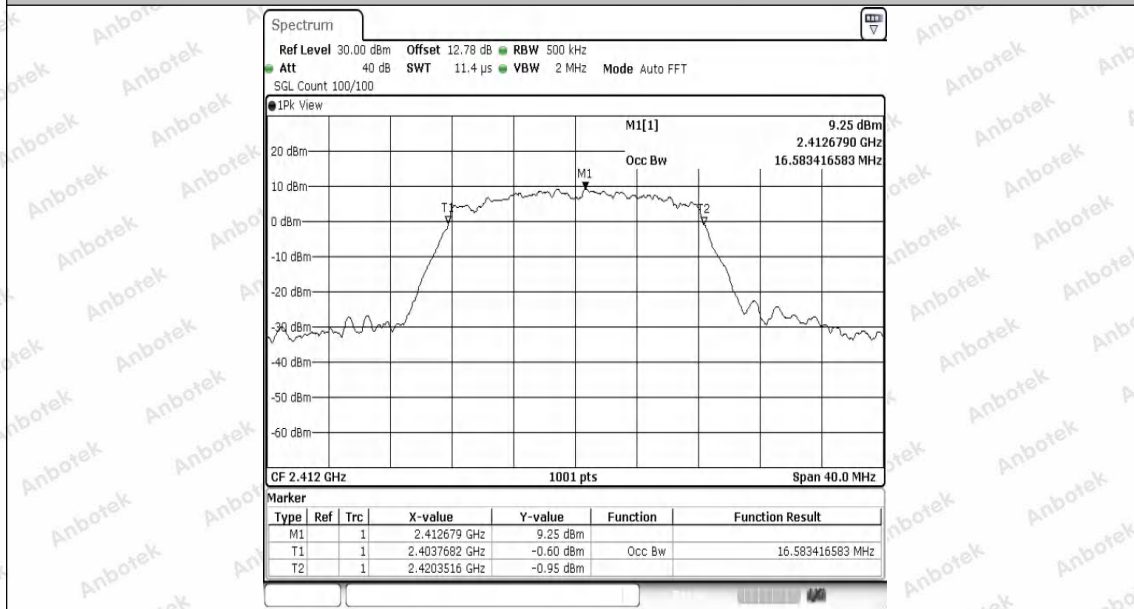


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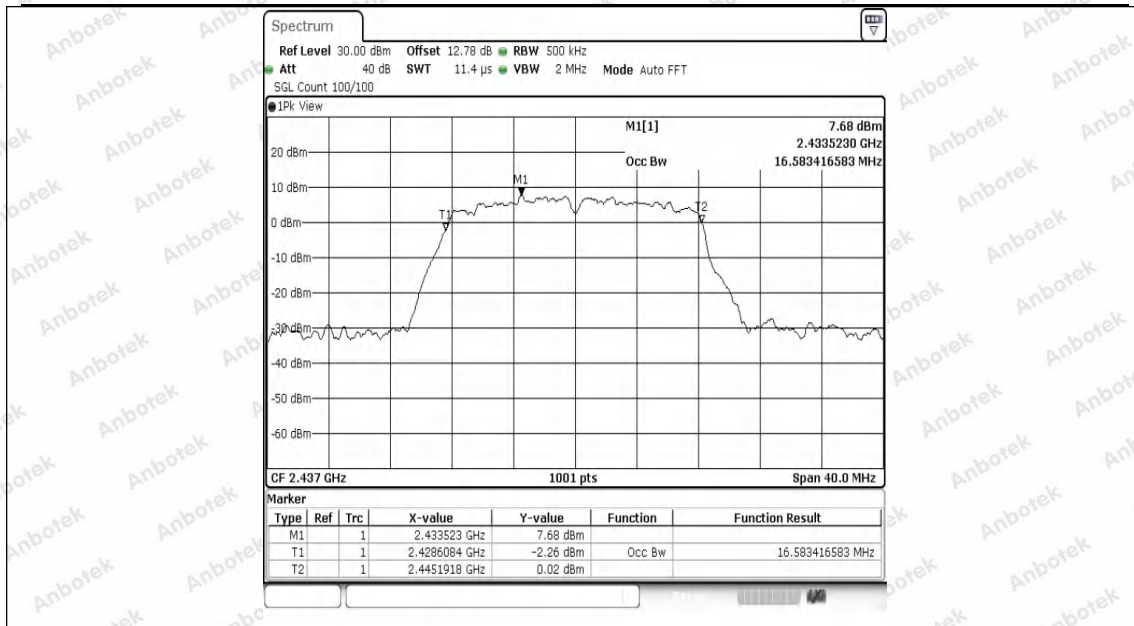


11B-Ant1-2462

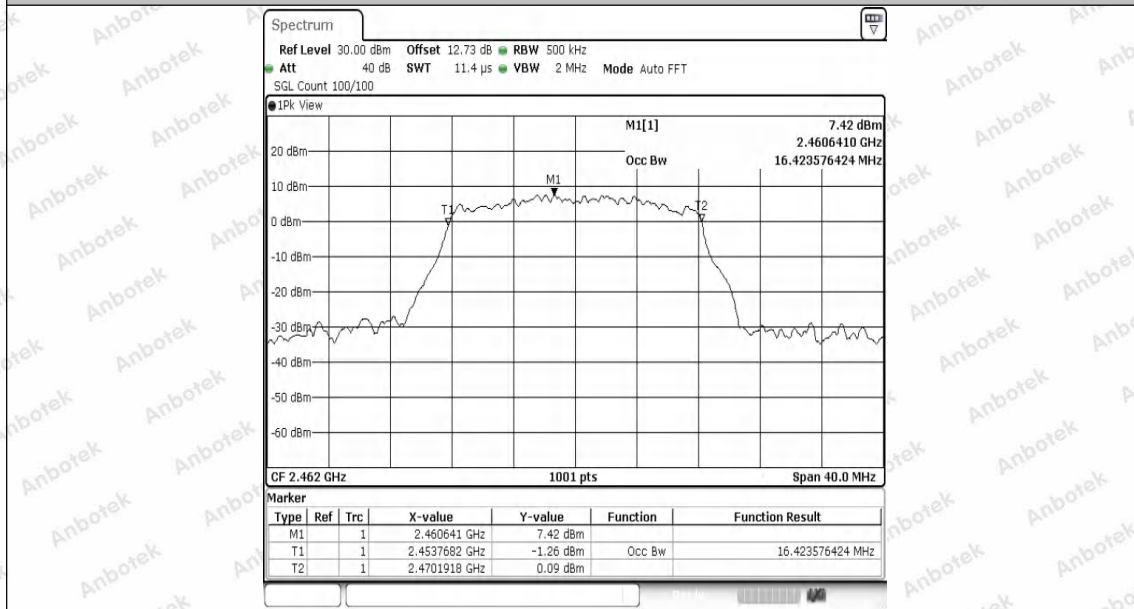


11G-Ant1-2412



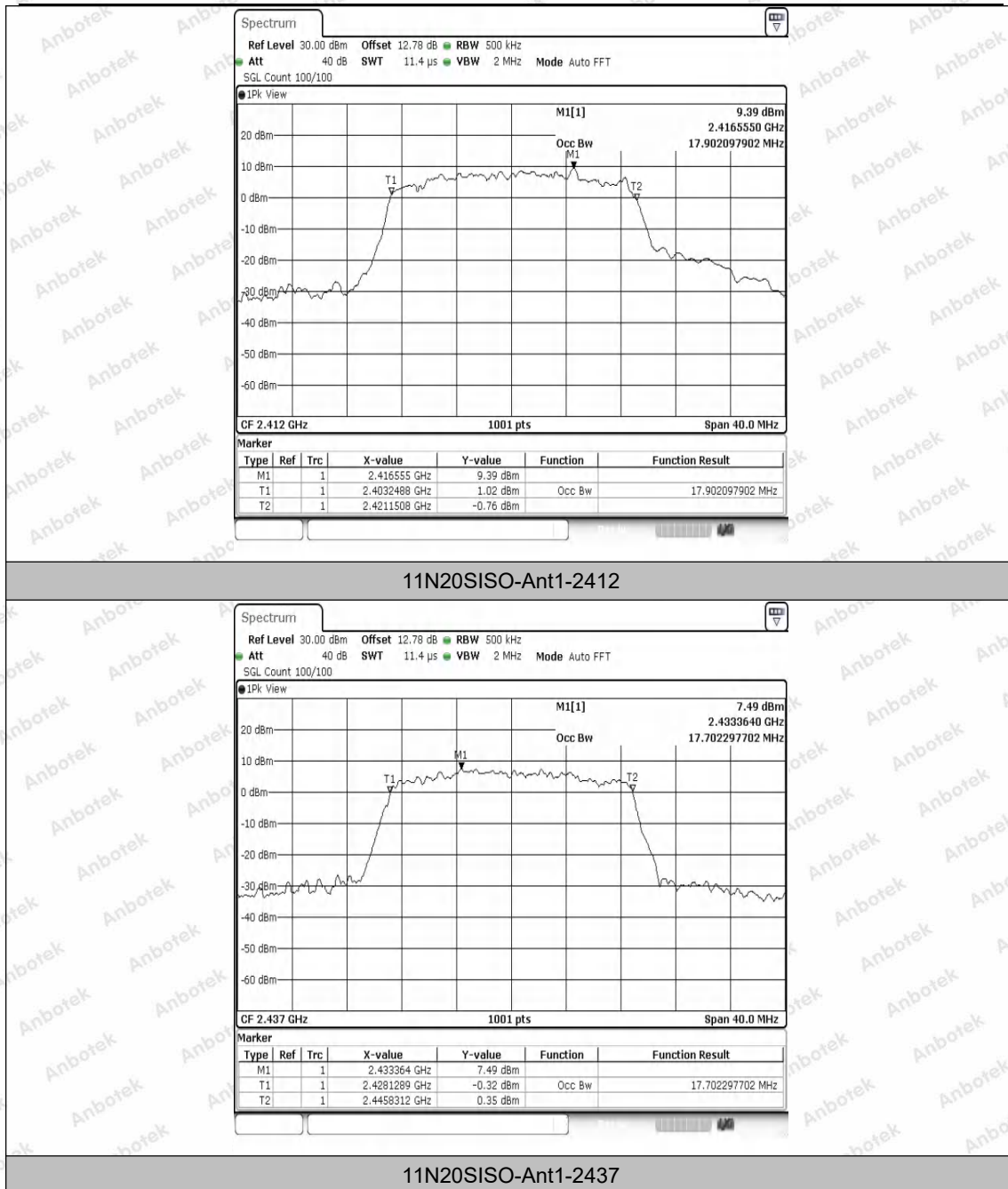


11G-Ant1-2437



11G-Ant1-2462



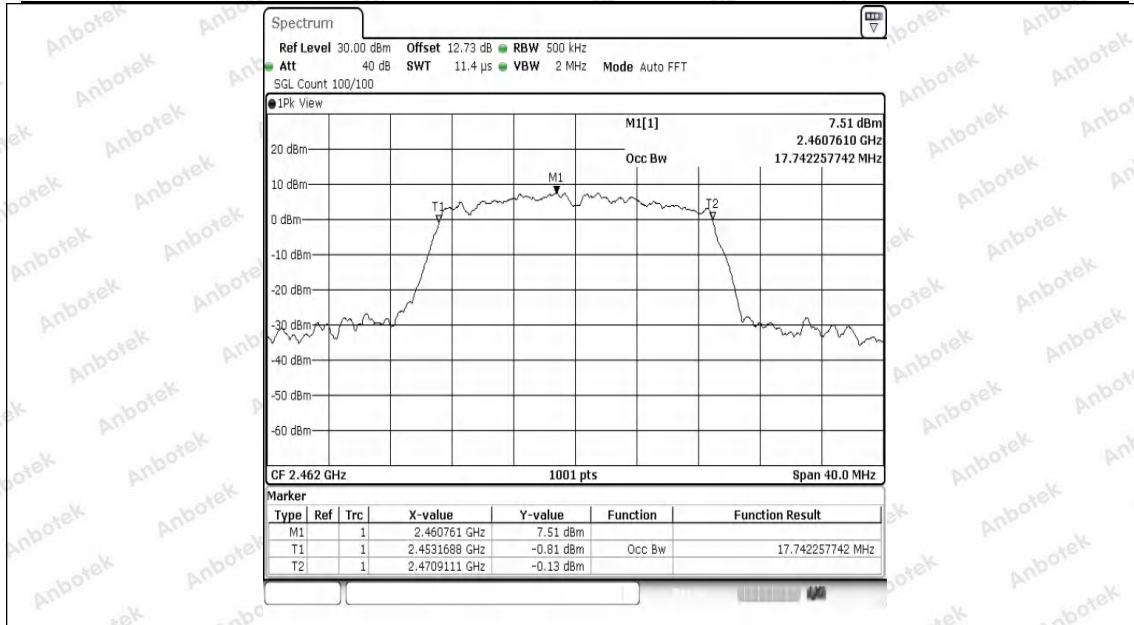
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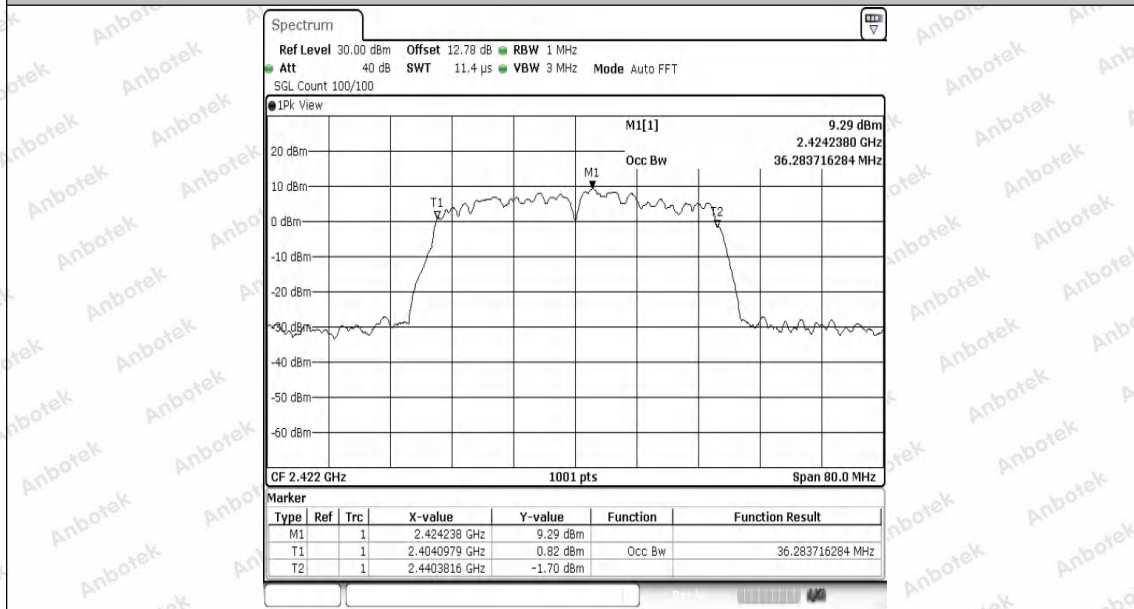


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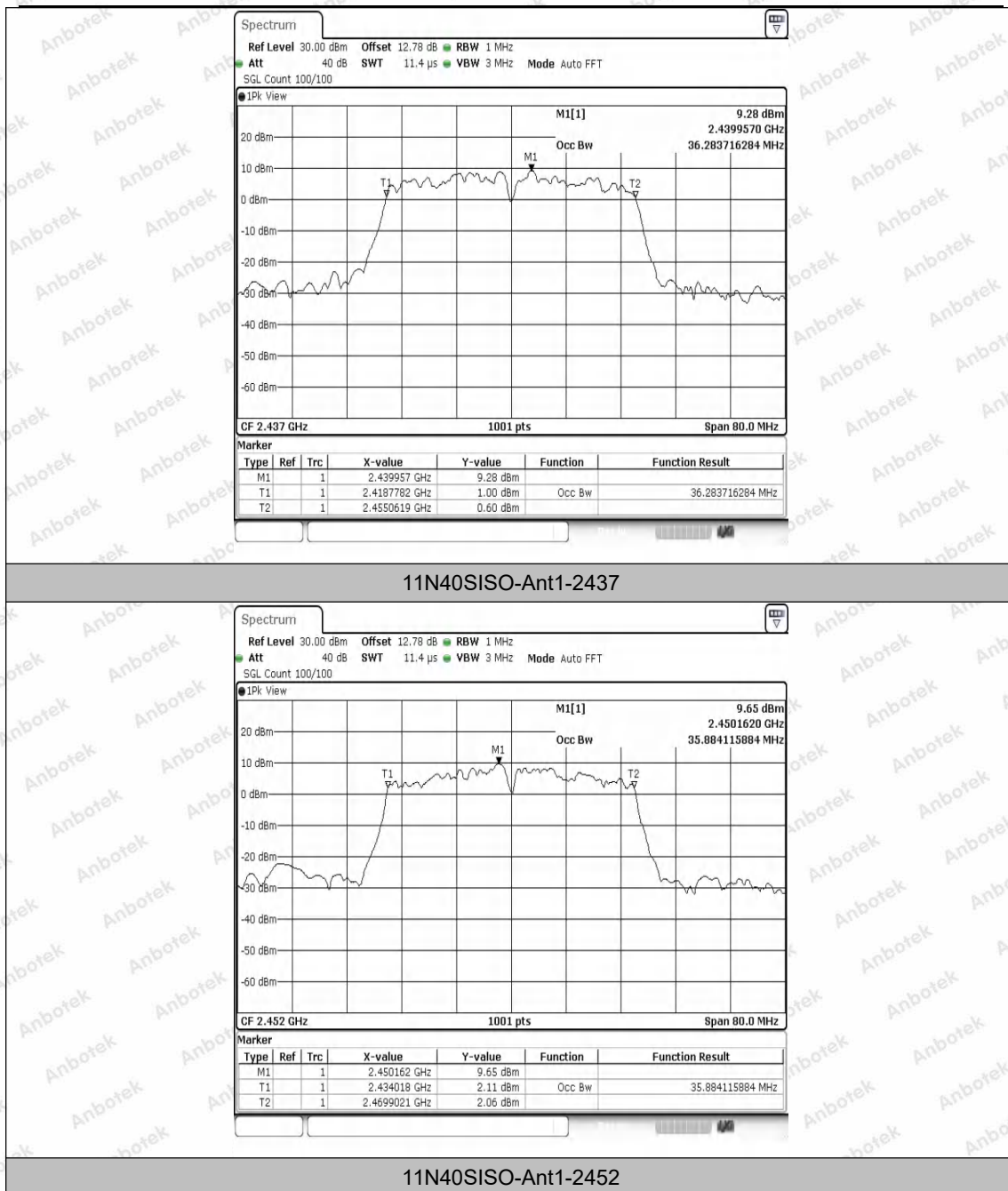


11N20SISO-Ant1-2462



11N40SISO-Ant1-2422



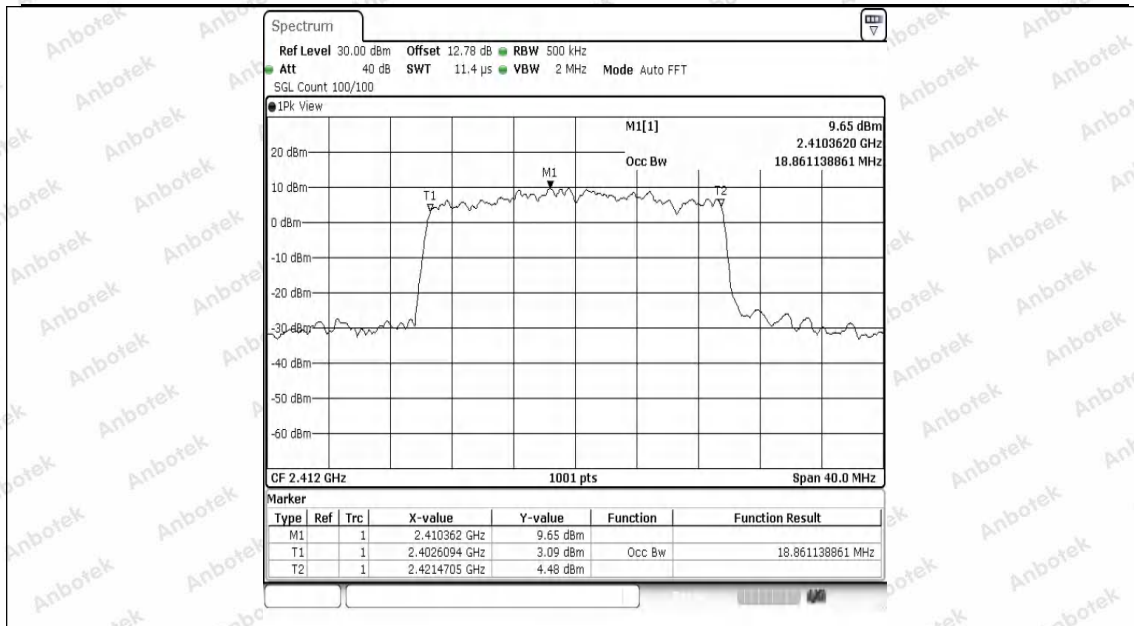
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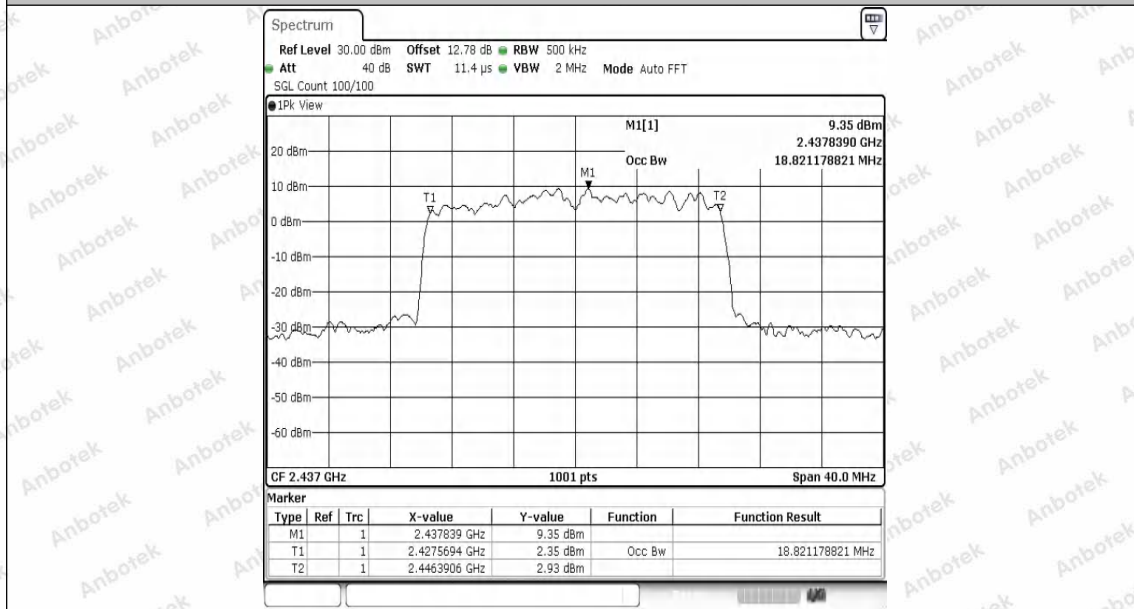


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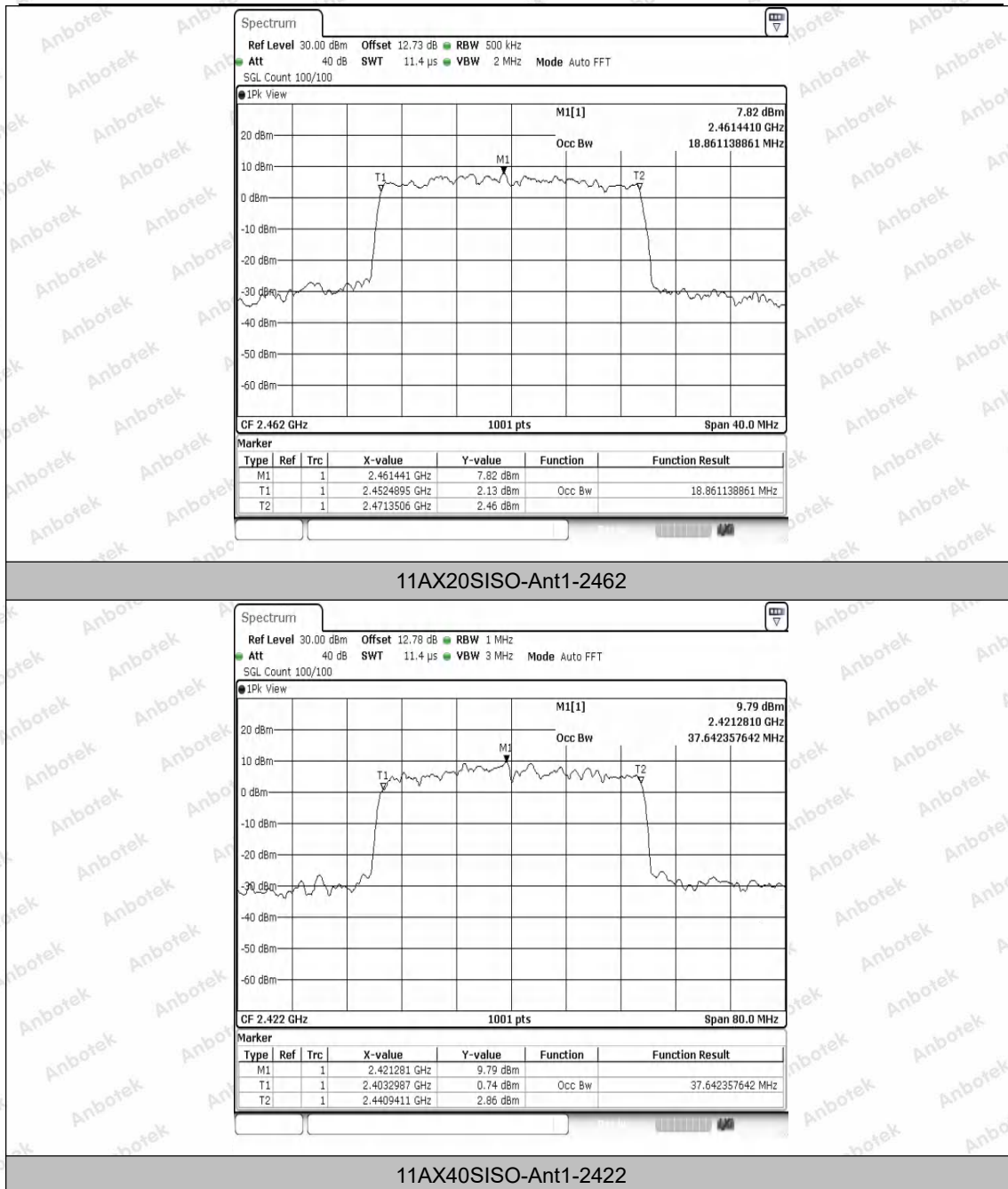


11AX20SISO-Ant1-2412



11AX20SISO-Ant1-2437



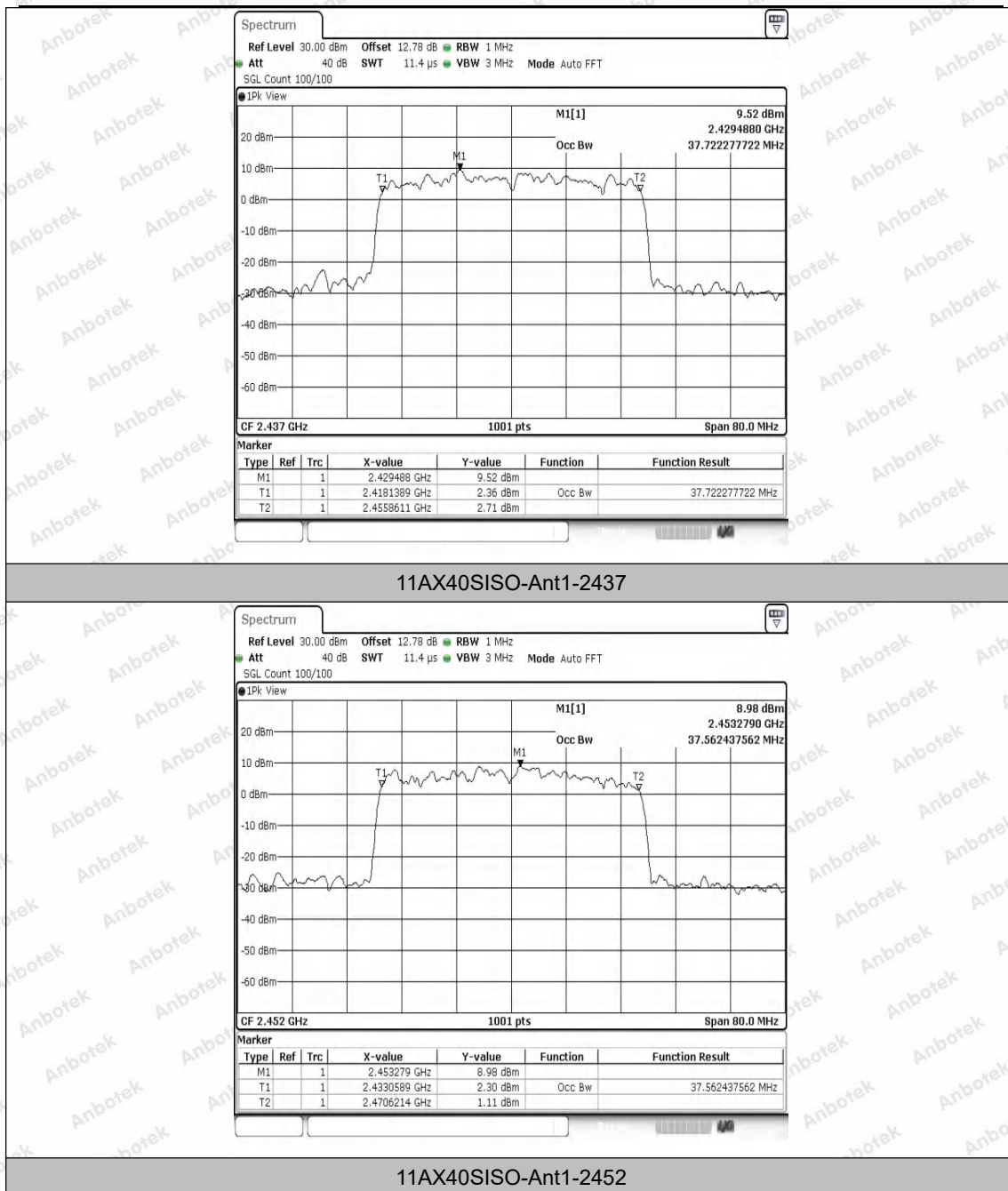
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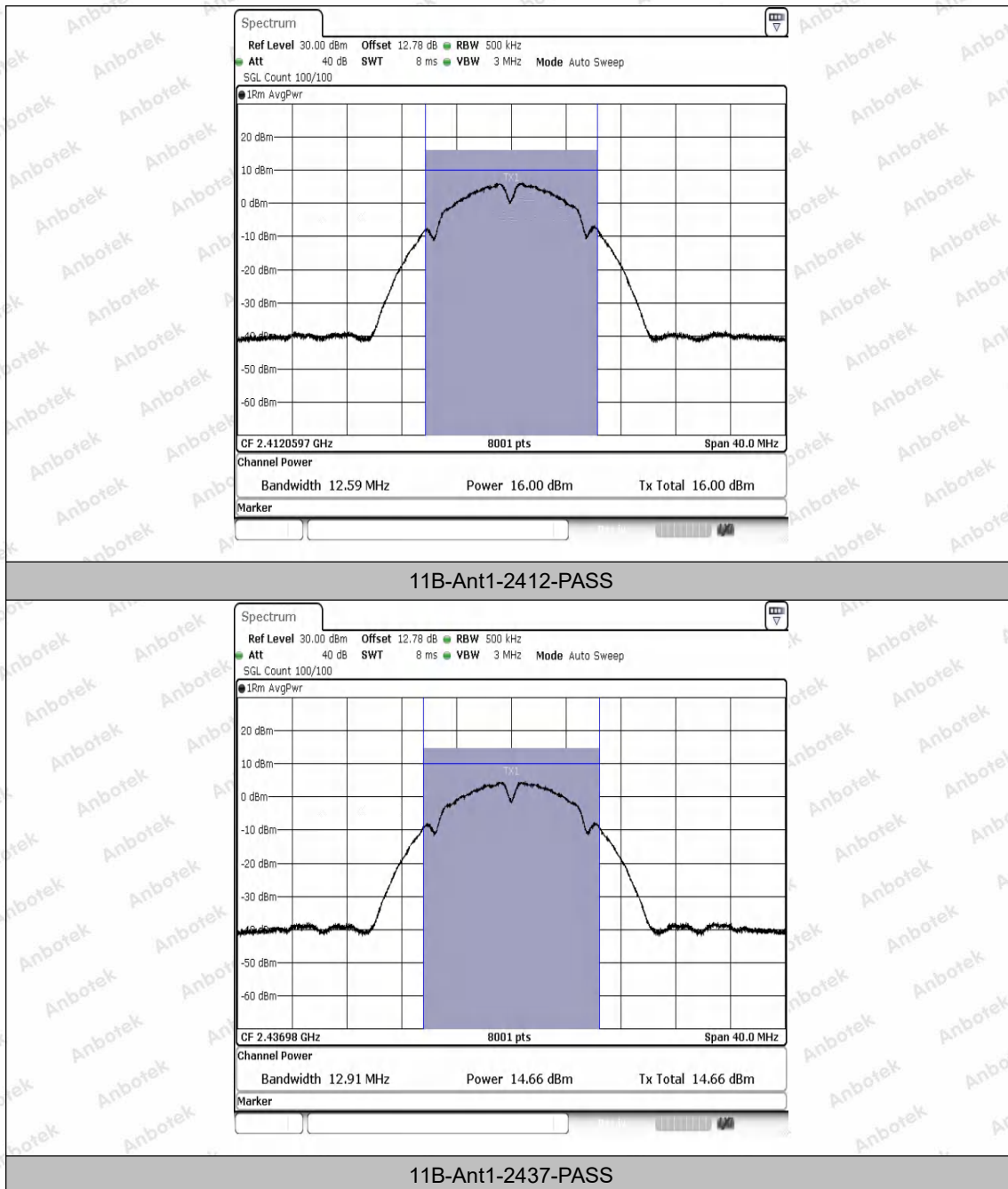
Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency [MHz]	Set Power	Average power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	NA	16.00	94.05	0.27	16.27	≤30.00	PASS
11B	Ant1	2437	NA	14.66	94.16	0.26	14.92	≤30.00	PASS
11B	Ant1	2462	NA	14.37	94.16	0.26	14.63	≤30.00	PASS
11G	Ant1	2412	NA	14.91	72.77	1.38	16.29	≤30.00	PASS
11G	Ant1	2437	NA	13.33	74.07	1.30	14.63	≤30.00	PASS
11G	Ant1	2462	NA	13.23	72.16	1.42	14.65	≤30.00	PASS
11N20SISO	Ant1	2412	NA	14.57	70.65	1.51	16.08	≤30.00	PASS
11N20SISO	Ant1	2437	NA	13.47	71.04	1.48	14.95	≤30.00	PASS
11N20SISO	Ant1	2462	NA	13.12	68.42	1.65	14.77	≤30.00	PASS
11N40SISO	Ant1	2422	NA	12.57	54.24	2.66	15.23	≤30.00	PASS
11N40SISO	Ant1	2437	NA	12.68	54.24	2.66	15.34	≤30.00	PASS
11N40SISO	Ant1	2452	NA	12.57	54.24	2.66	15.23	≤30.00	PASS
11AX20SISO	Ant1	2412	NA	14.20	65.16	1.86	16.06	≤30.00	PASS
11AX20SISO	Ant1	2437	NA	13.04	65.38	1.85	14.89	≤30.00	PASS
11AX20SISO	Ant1	2462	NA	12.77	65.38	1.85	14.62	≤30.00	PASS
11AX40SISO	Ant1	2422	NA	12.38	49.53	3.05	15.43	≤30.00	PASS
11AX40SISO	Ant1	2437	NA	12.22	49.07	3.09	15.31	≤30.00	PASS
11AX40SISO	Ant1	2452	NA	12.25	49.53	3.05	15.30	≤30.00	PASS



Test Graphs Average



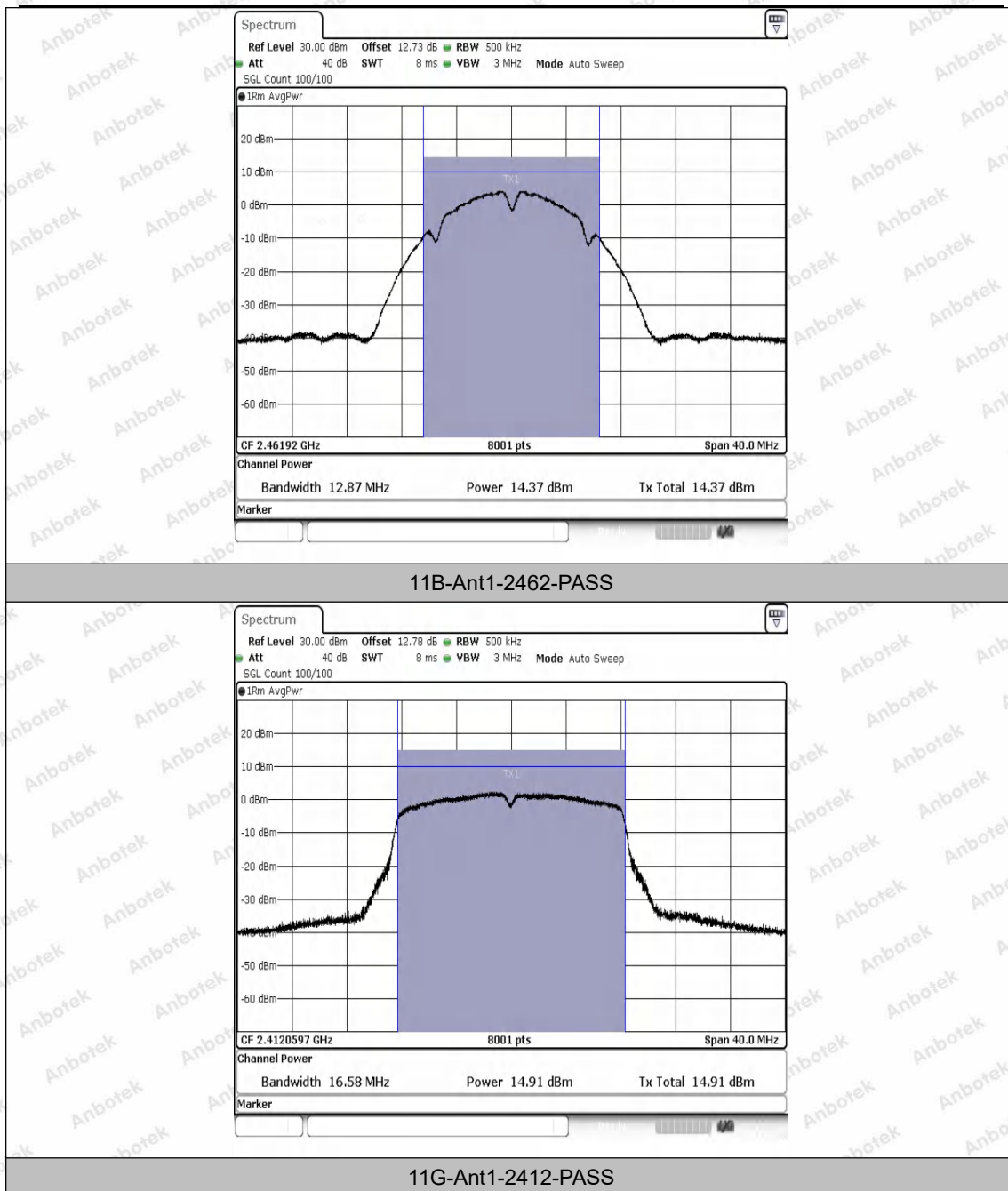
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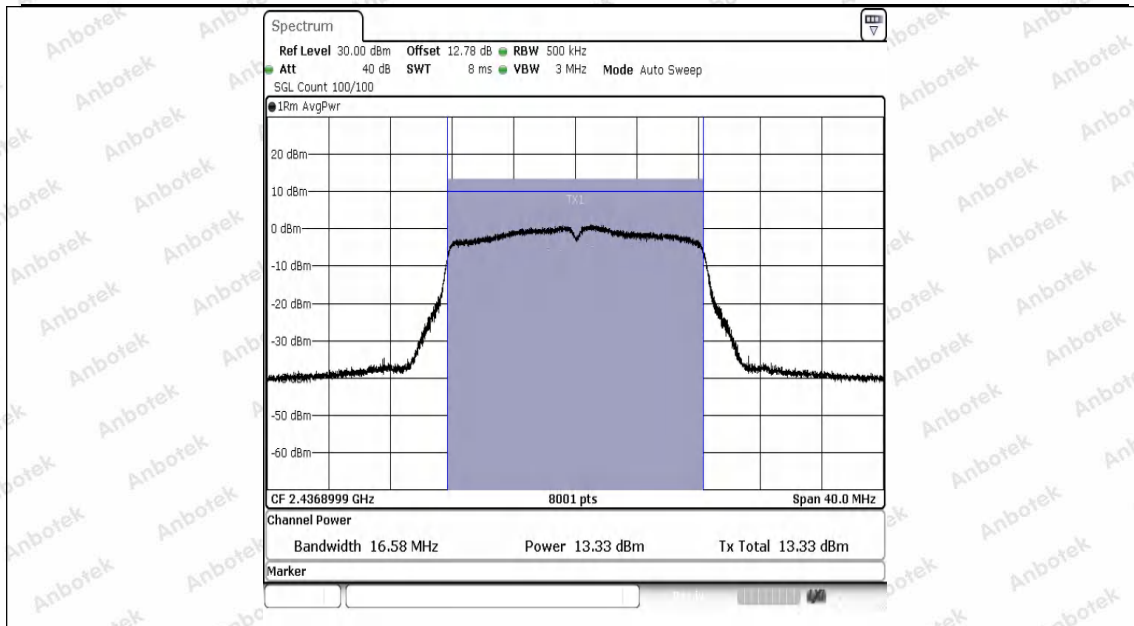
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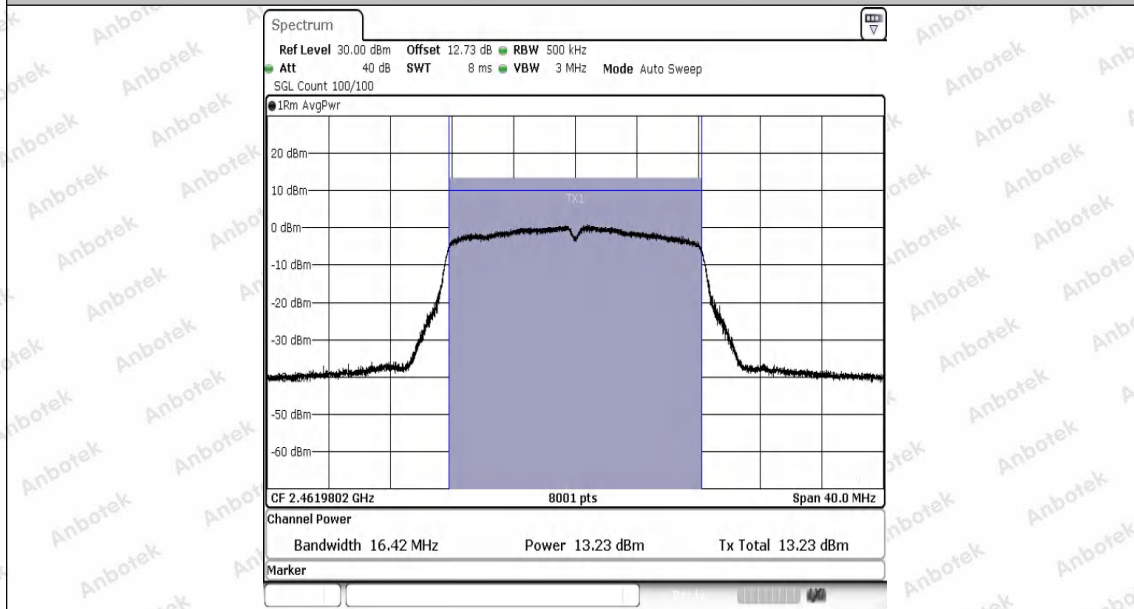


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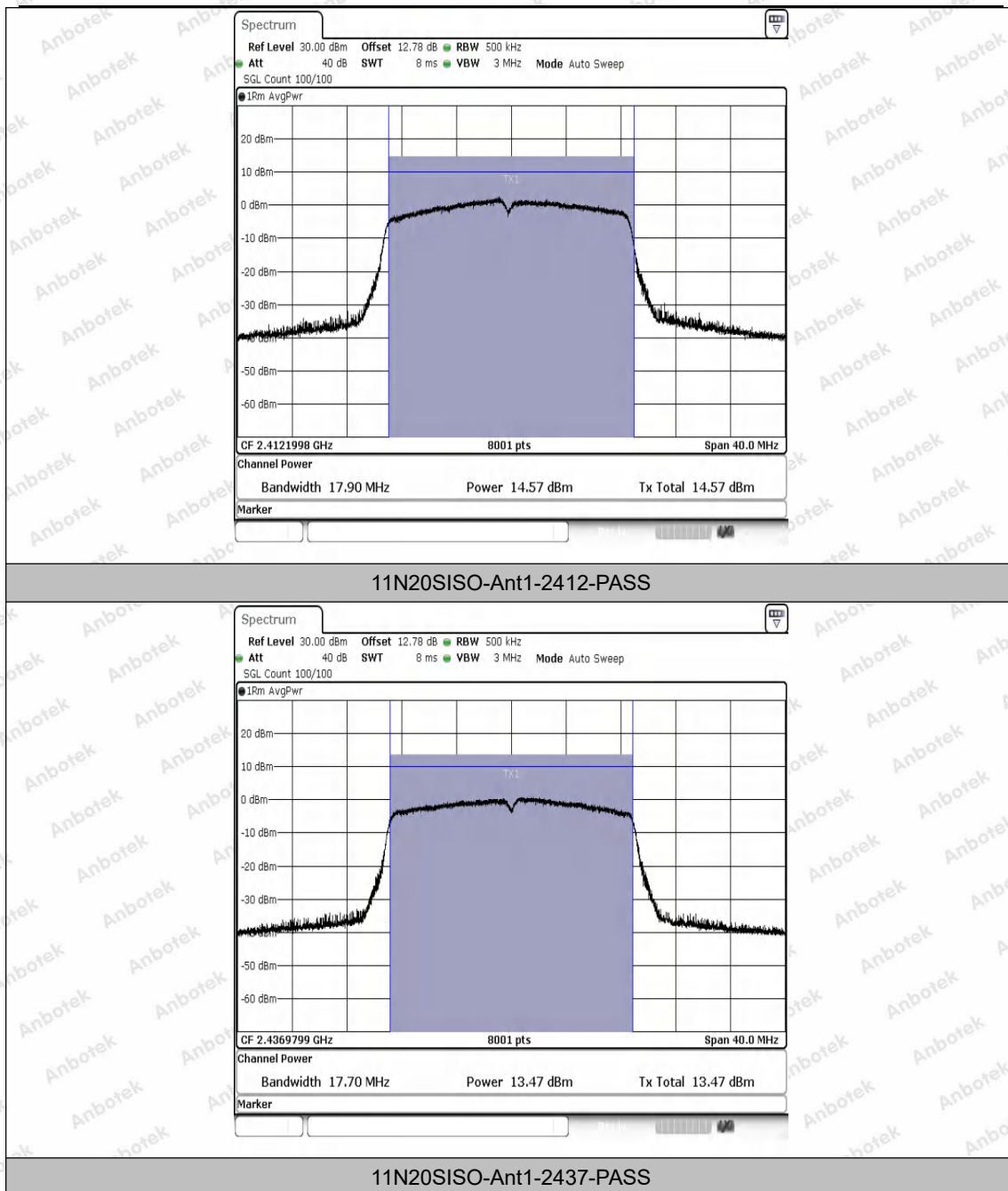


11G-Ant1-2437-PASS



11G-Ant1-2462-PASS



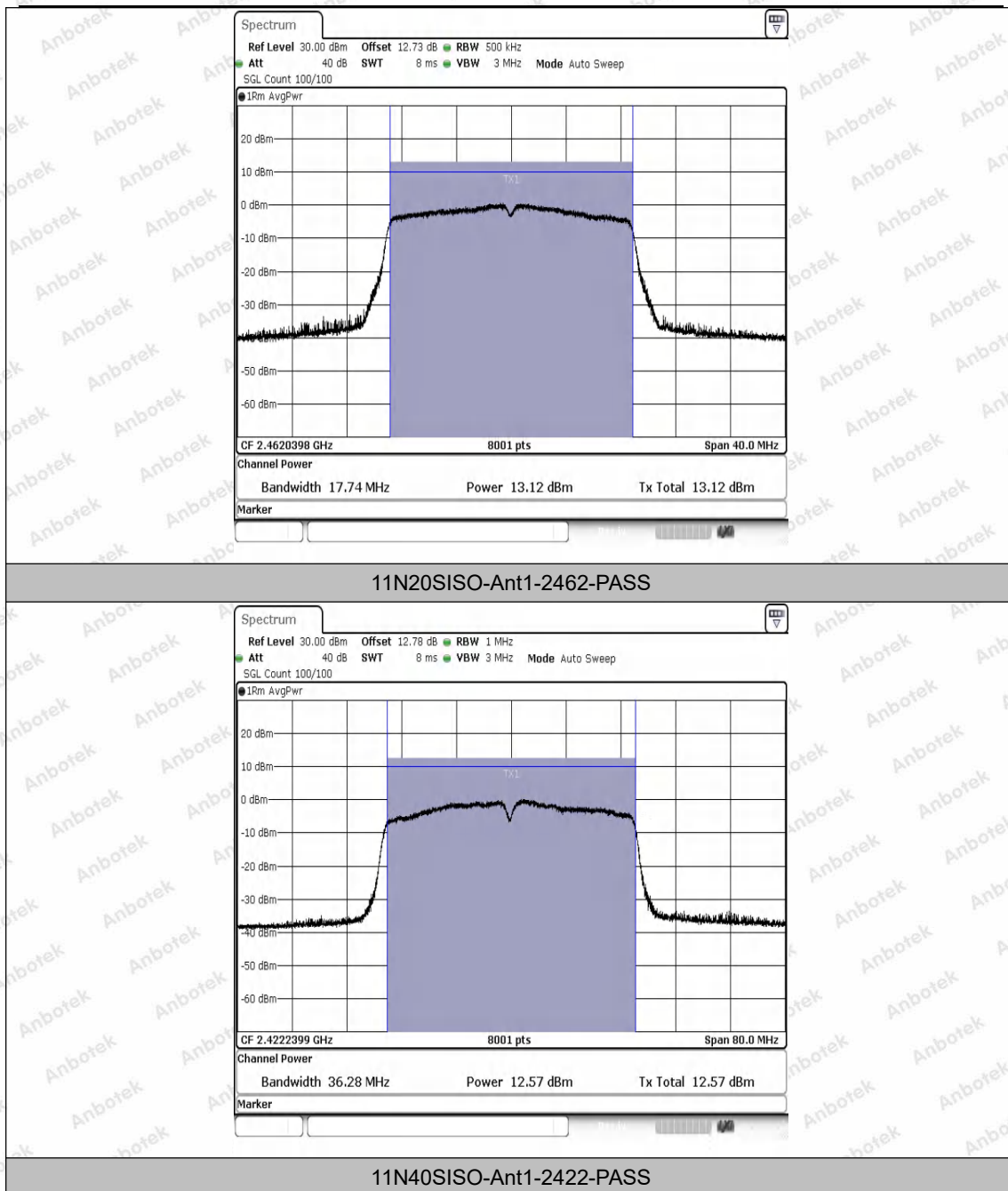
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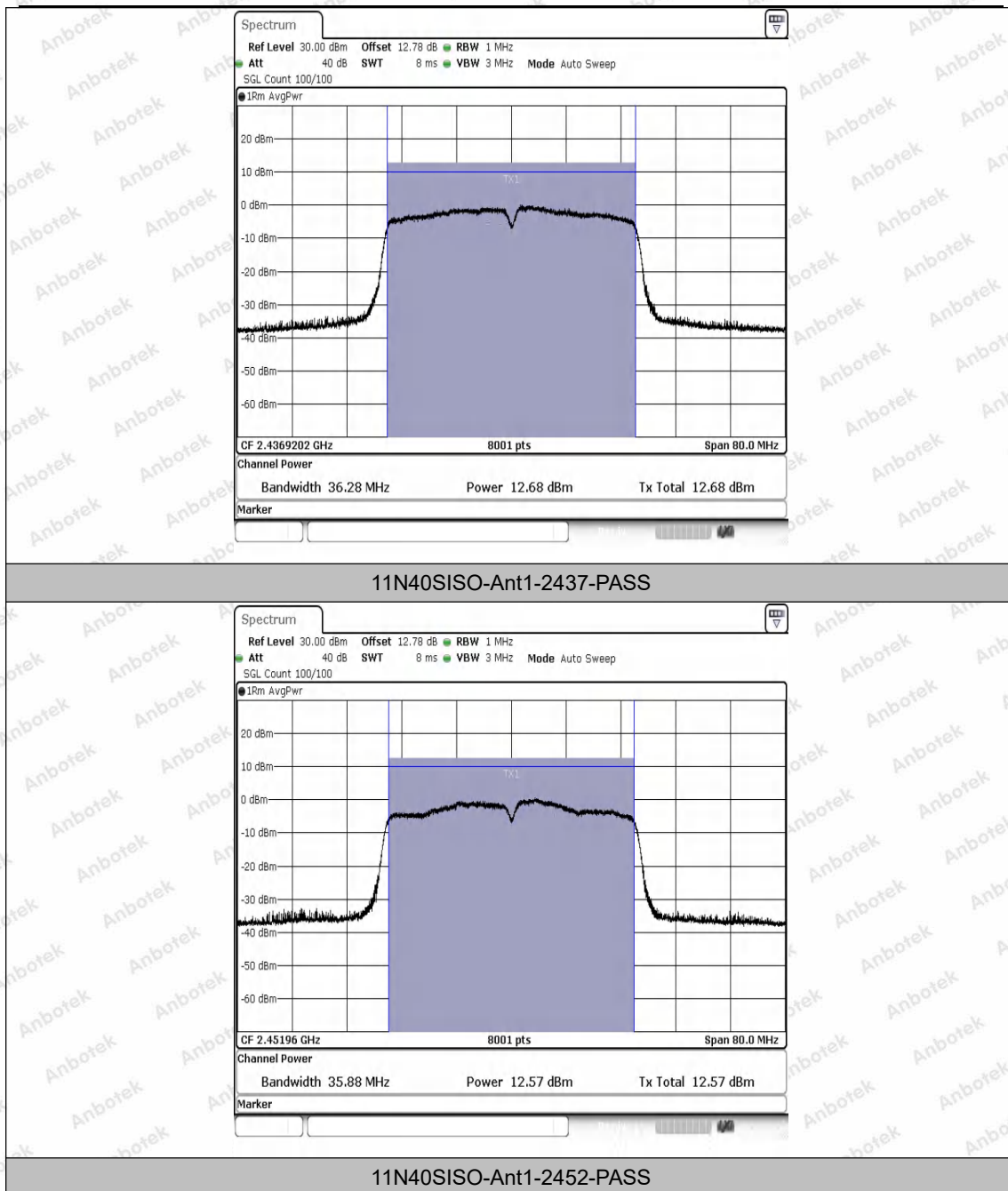
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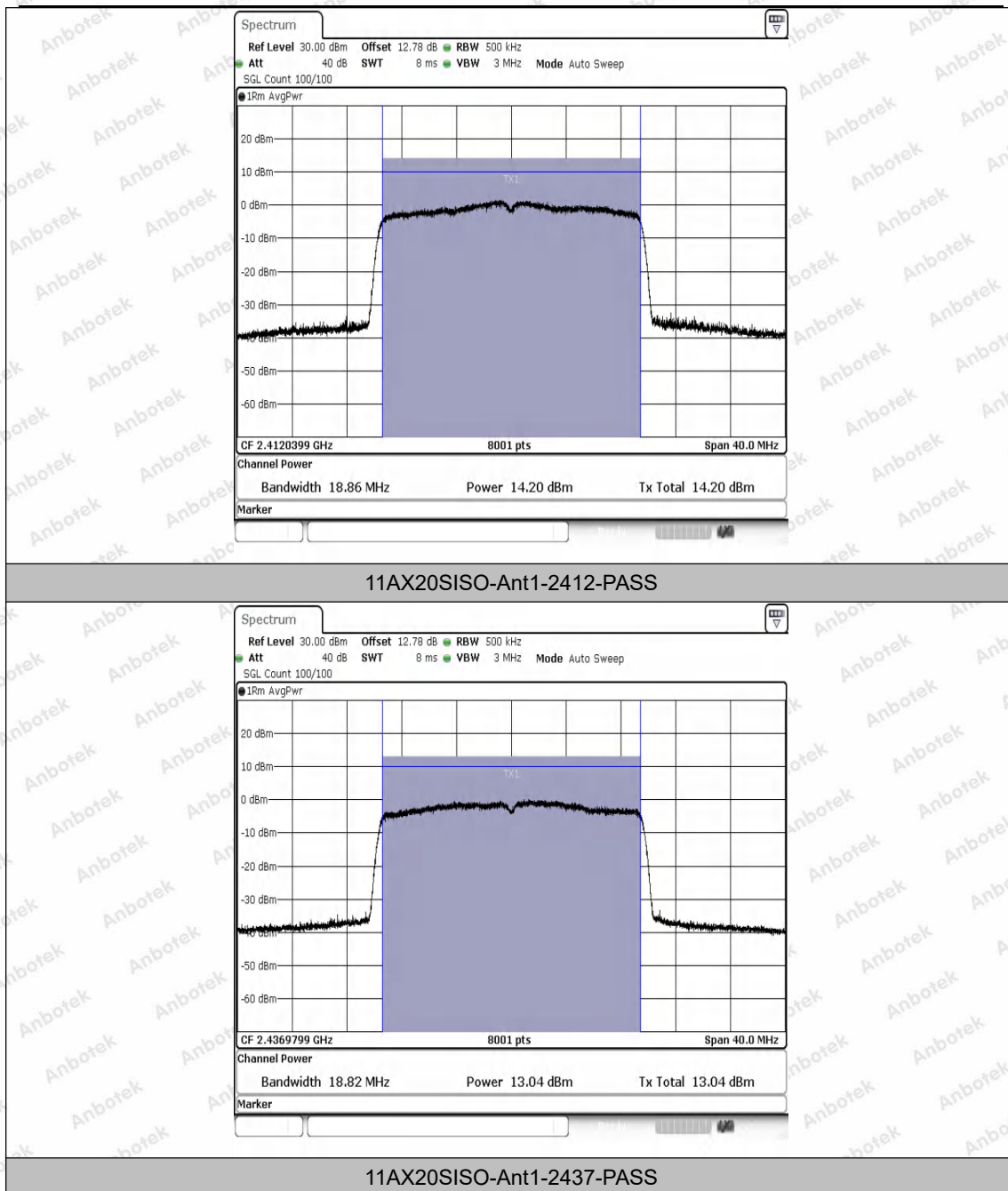
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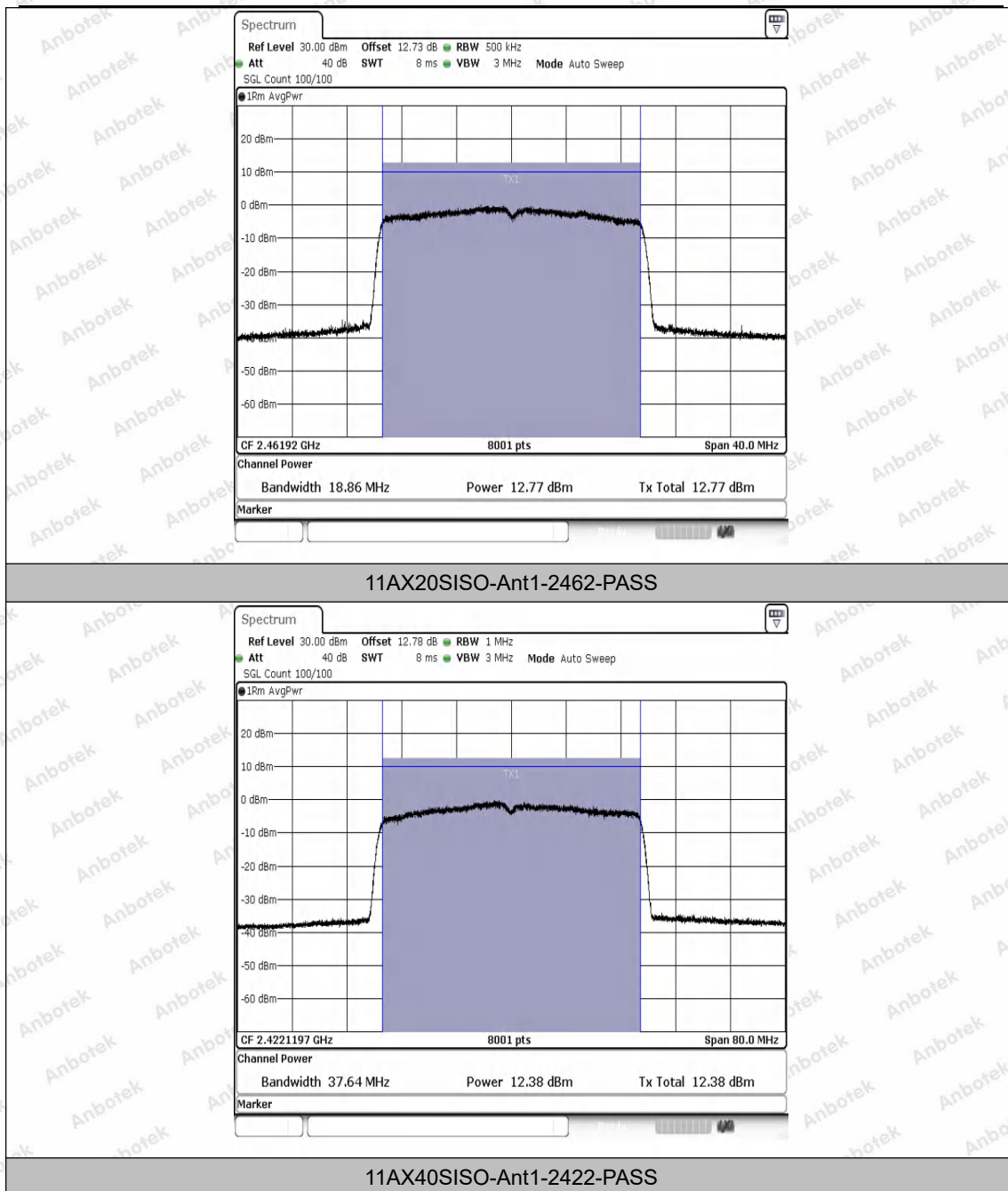
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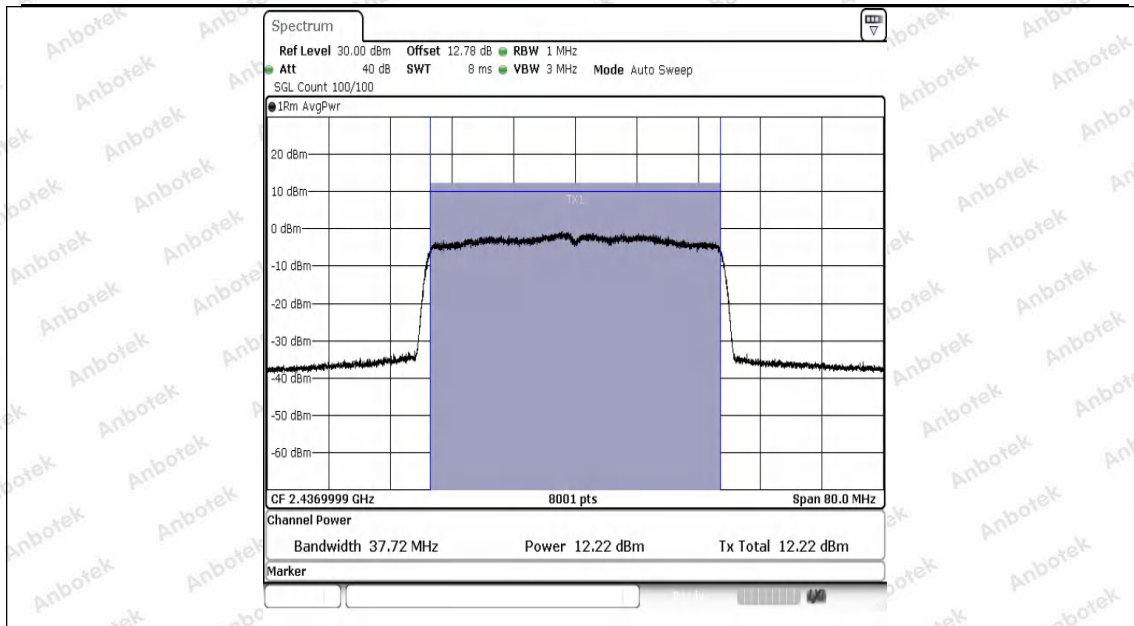
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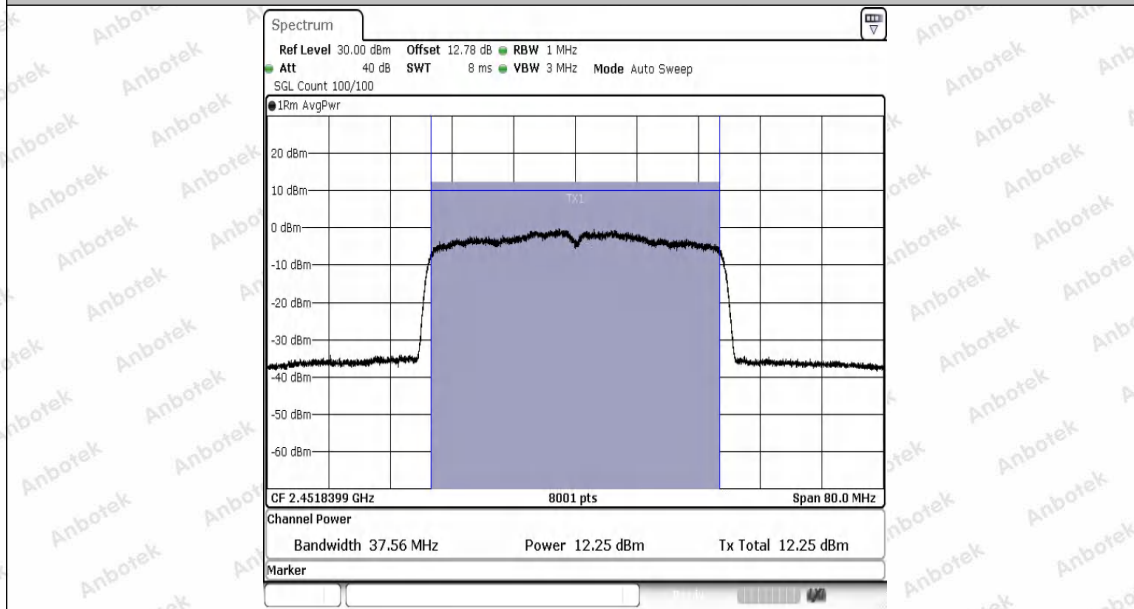


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11AX40SISO-Ant1-2437-PASS



11AX40SISO-Ant1-2452-PASS



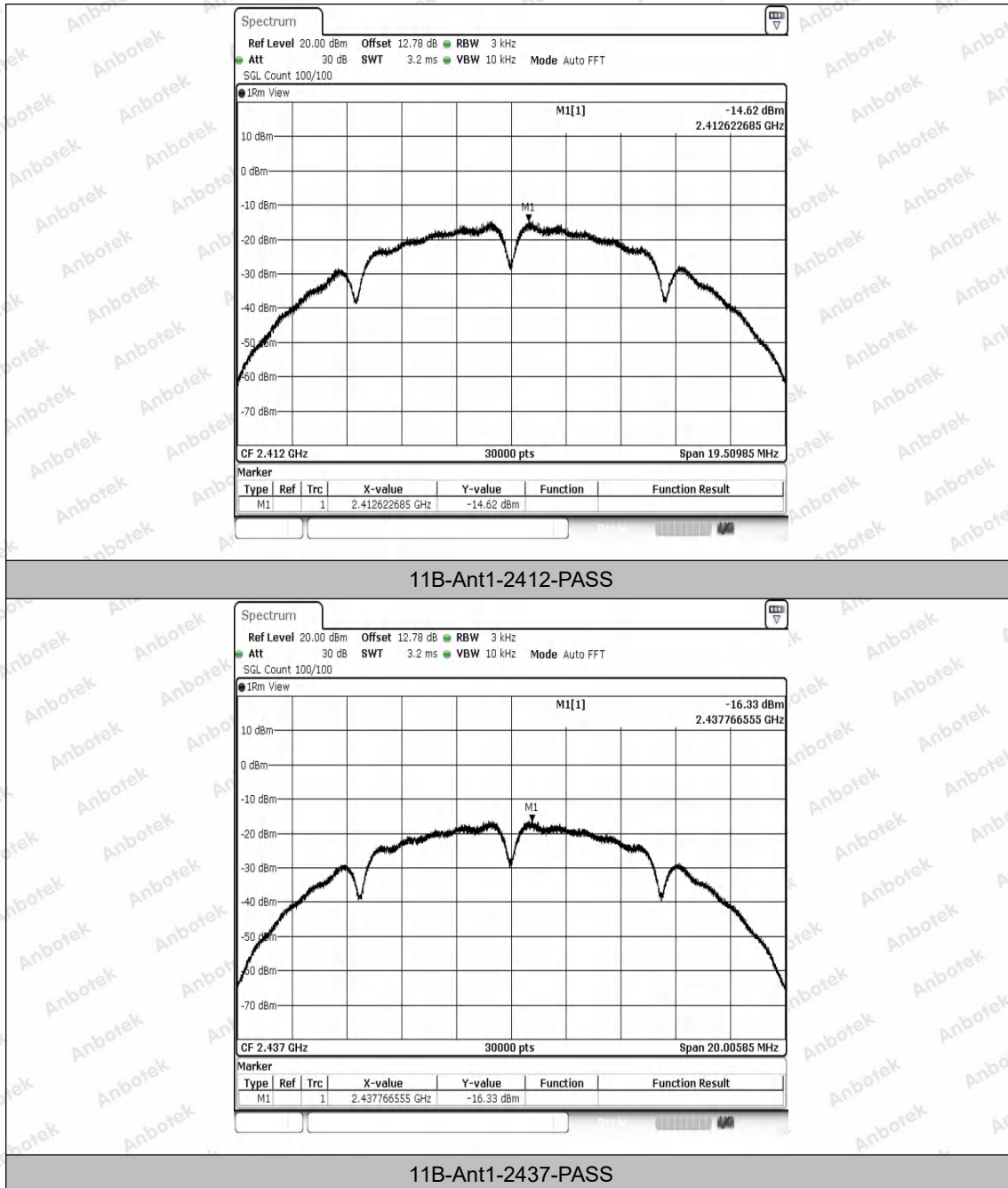
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-14.62	≤8.00	PASS
11B	Ant1	2437	-16.33	≤8.00	PASS
11B	Ant1	2462	-16.25	≤8.00	PASS
11G	Ant1	2412	-18.12	≤8.00	PASS
11G	Ant1	2437	-19.88	≤8.00	PASS
11G	Ant1	2462	-19.84	≤8.00	PASS
11N20SISO	Ant1	2412	-18.45	≤8.00	PASS
11N20SISO	Ant1	2437	-19.52	≤8.00	PASS
11N20SISO	Ant1	2462	-19.77	≤8.00	PASS
11N40SISO	Ant1	2422	-20.78	≤8.00	PASS
11N40SISO	Ant1	2437	-21.73	≤8.00	PASS
11N40SISO	Ant1	2452	-22.12	≤8.00	PASS
11AX20SISO	Ant1	2412	-18.54	≤8.00	PASS
11AX20SISO	Ant1	2437	-18.64	≤8.00	PASS
11AX20SISO	Ant1	2462	-18.69	≤8.00	PASS
11AX40SISO	Ant1	2422	-23.28	≤8.00	PASS
11AX40SISO	Ant1	2437	-23.45	≤8.00	PASS
11AX40SISO	Ant1	2452	-23.35	≤8.00	PASS



Test Graphs



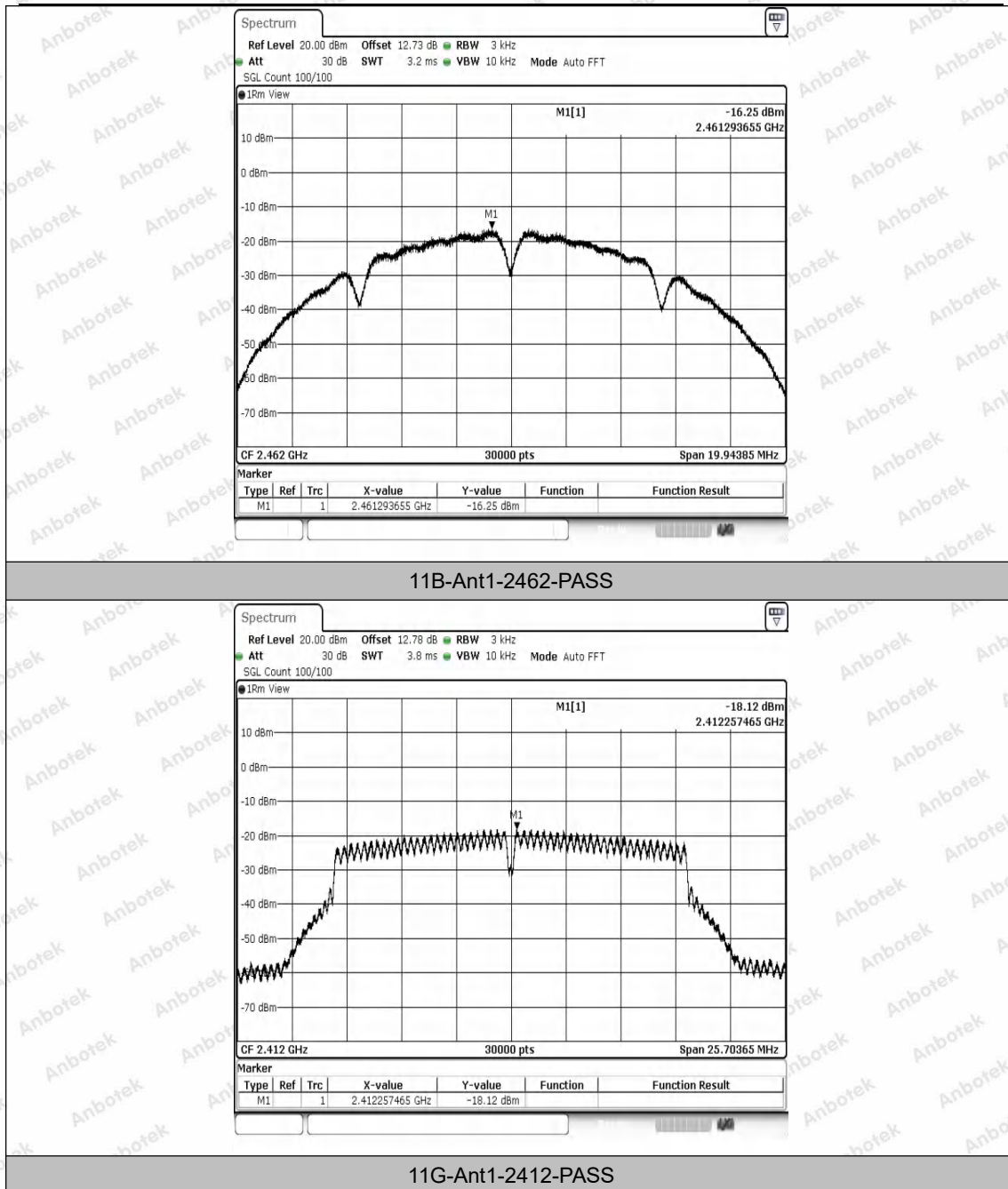
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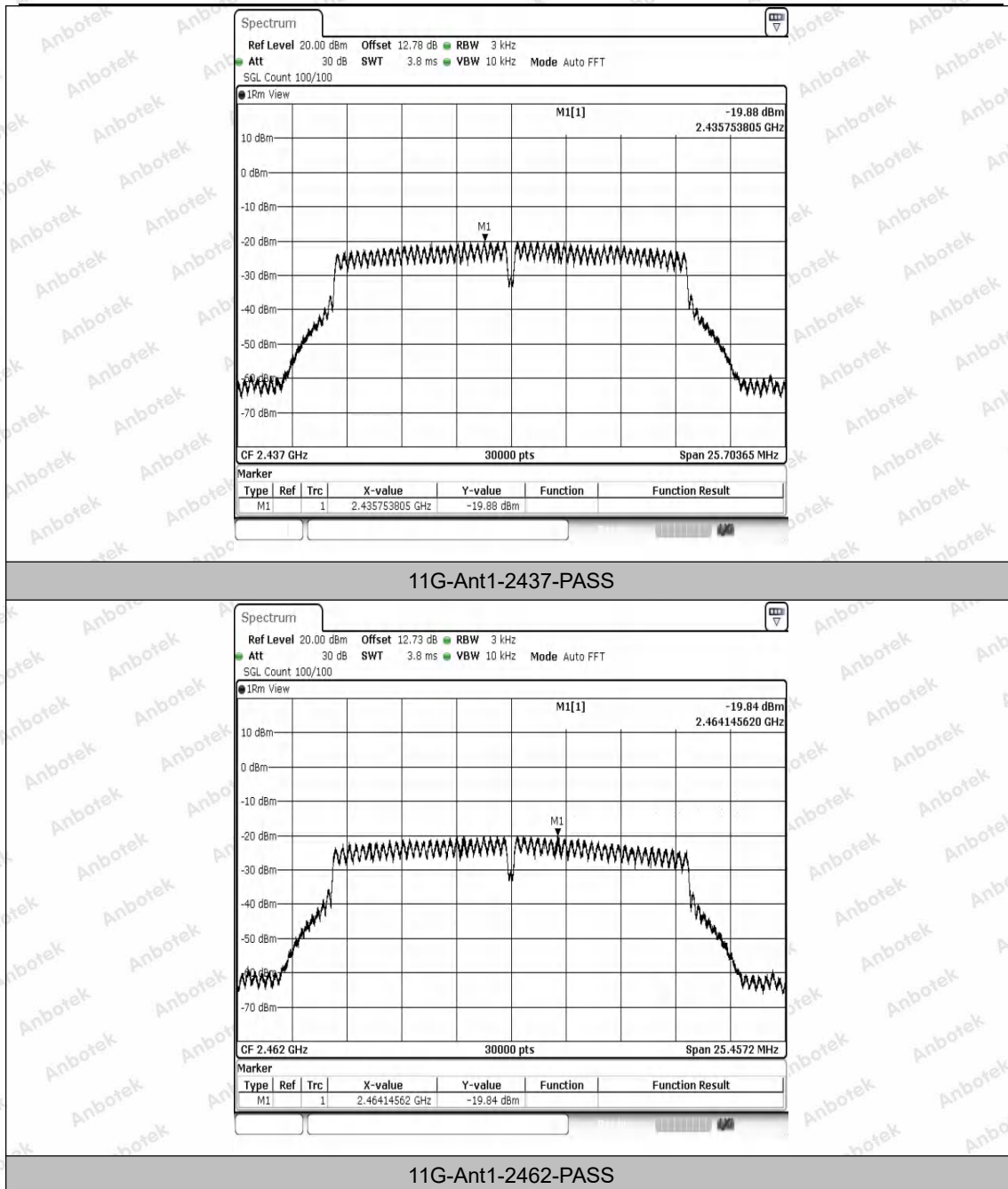
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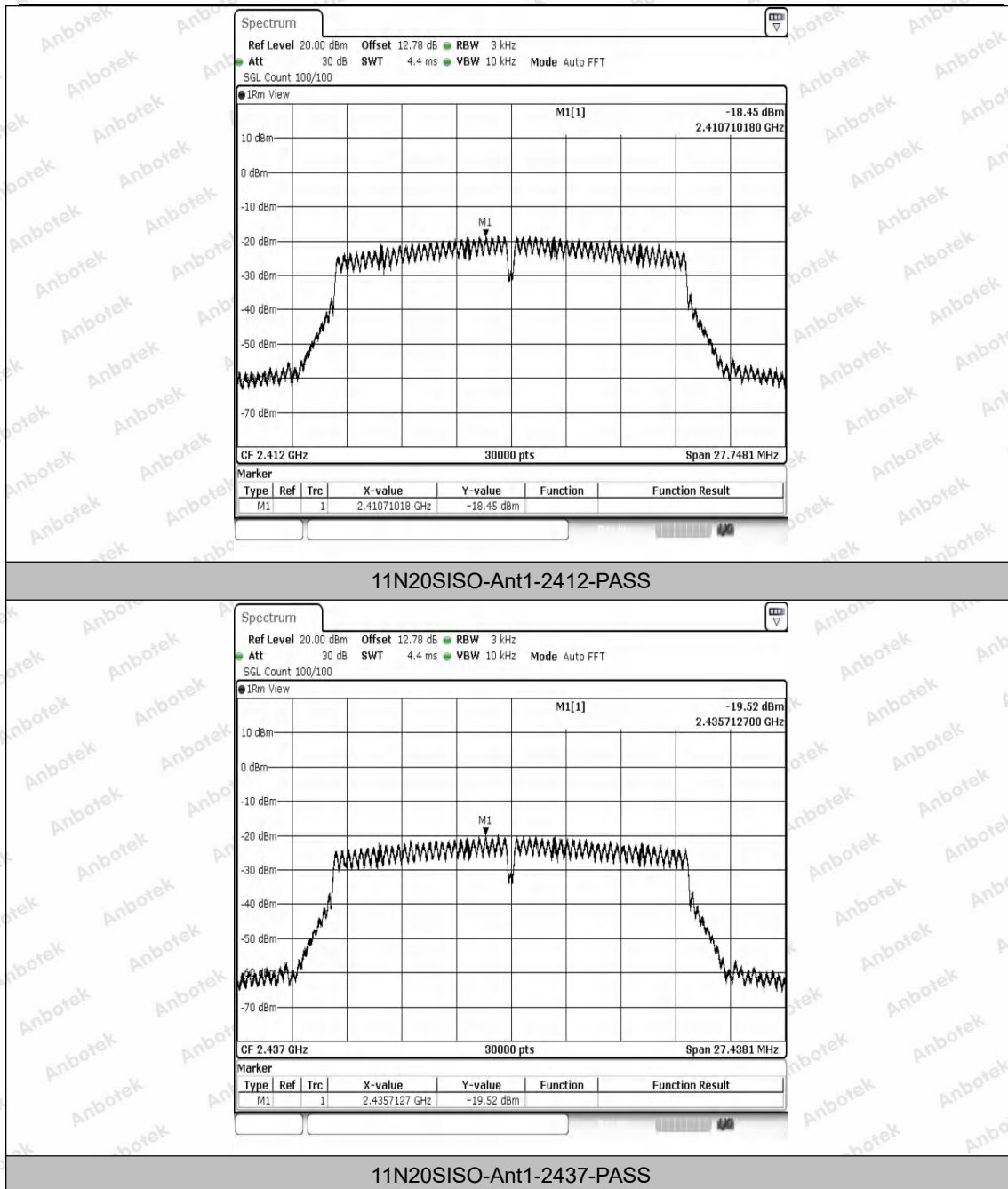
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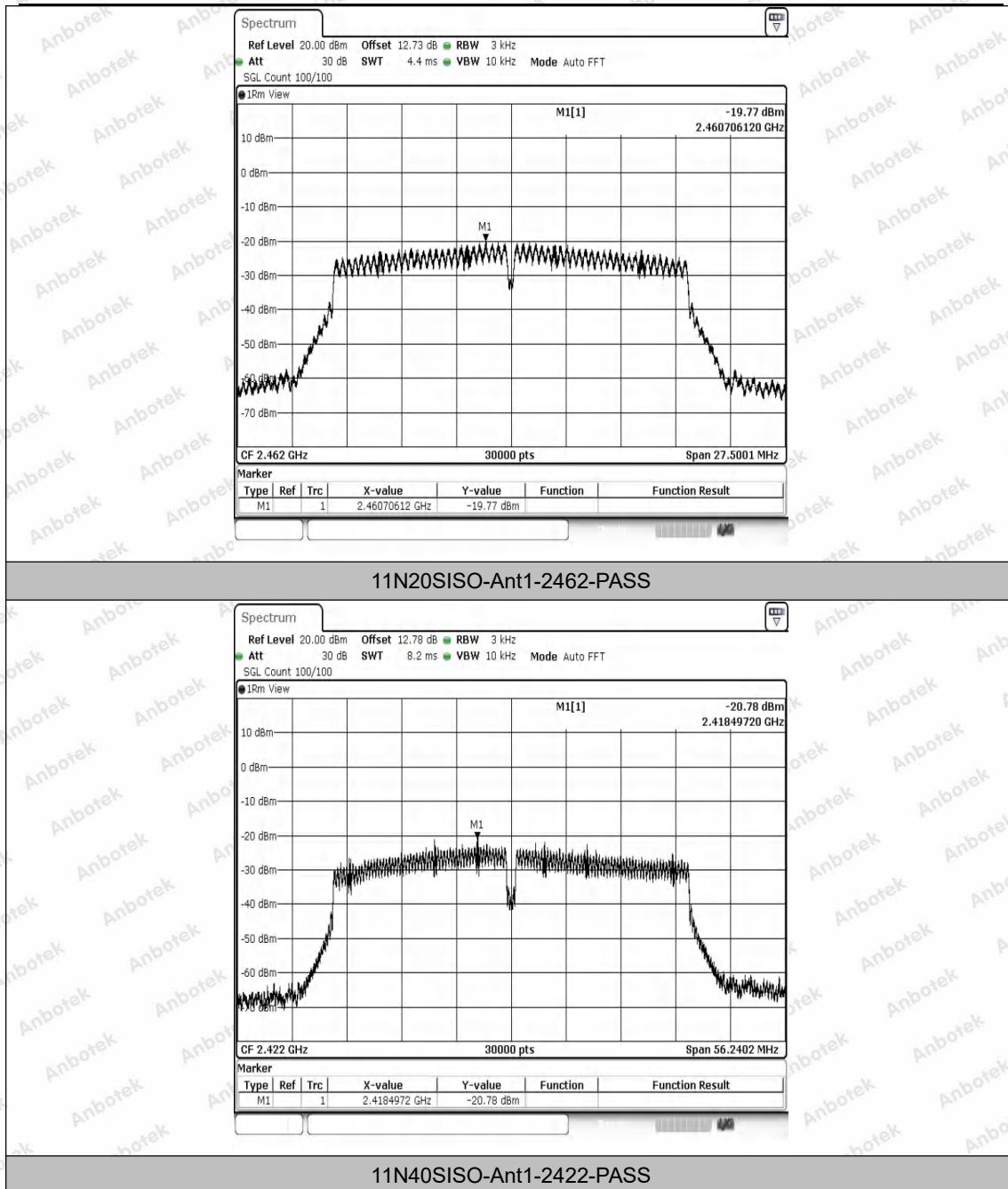
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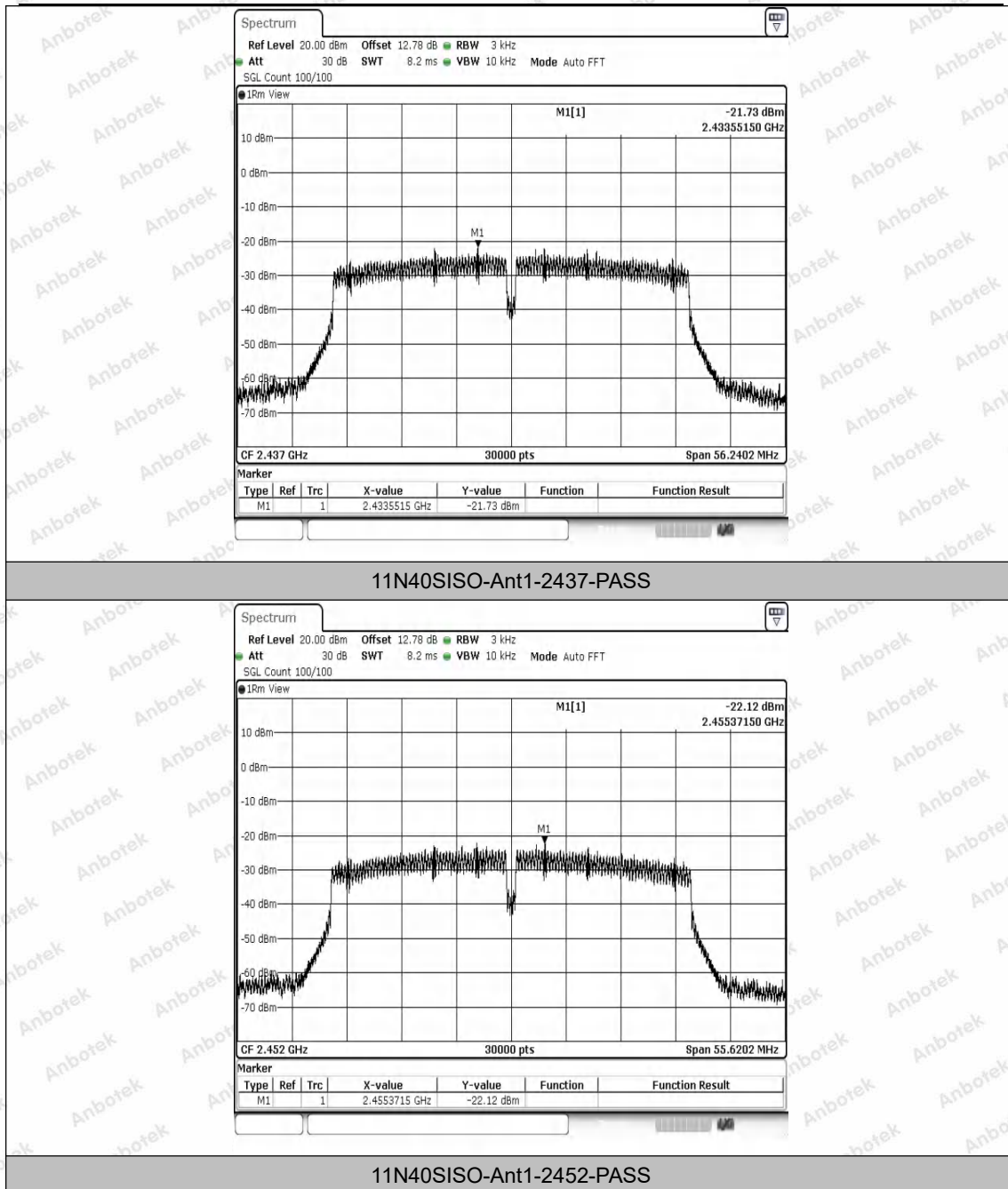
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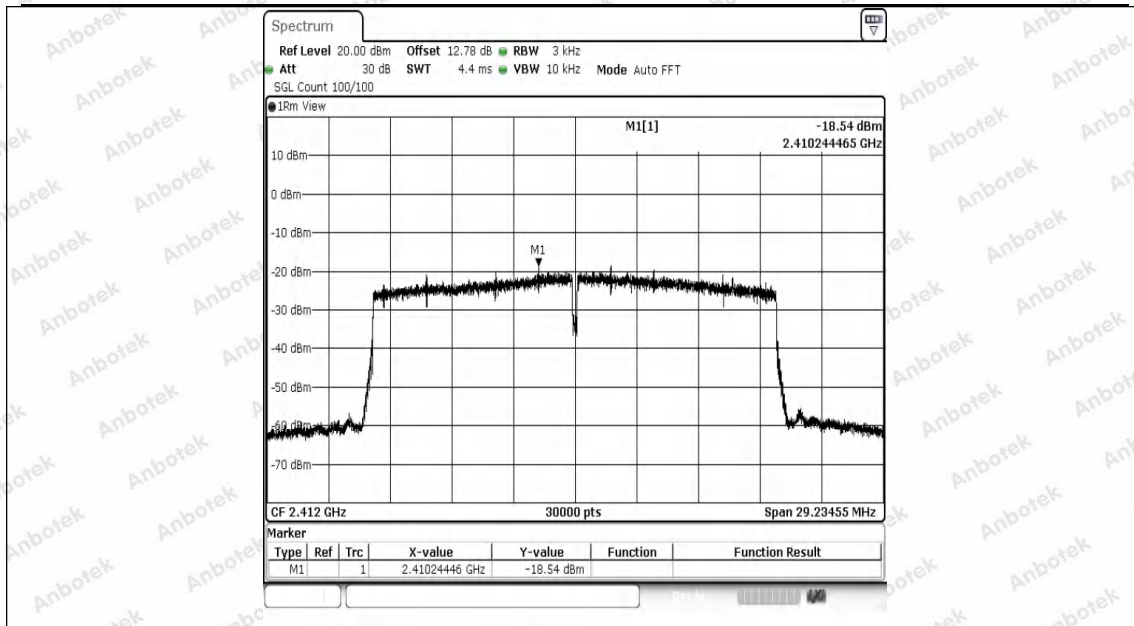
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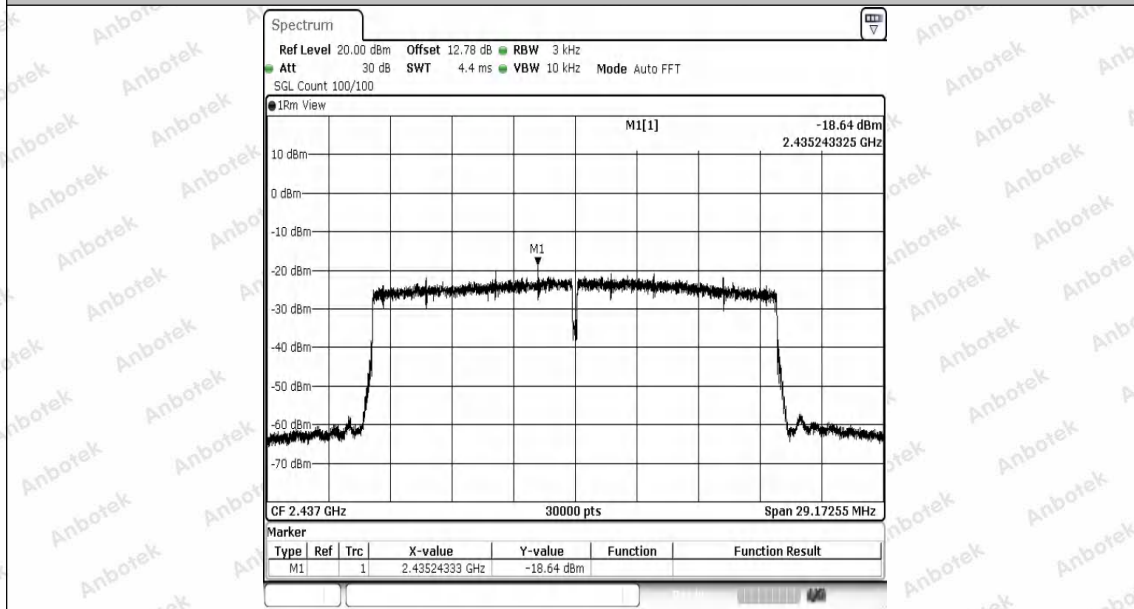


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11AX20SISO-Ant1-2412-PASS



11AX20SISO-Ant1-2437-PASS

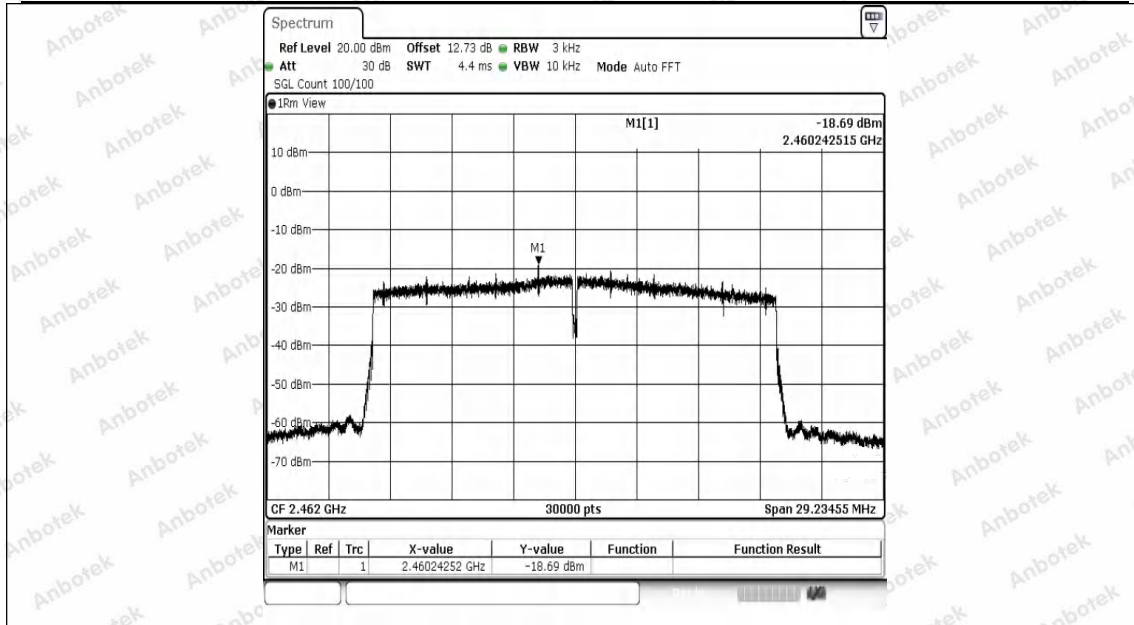
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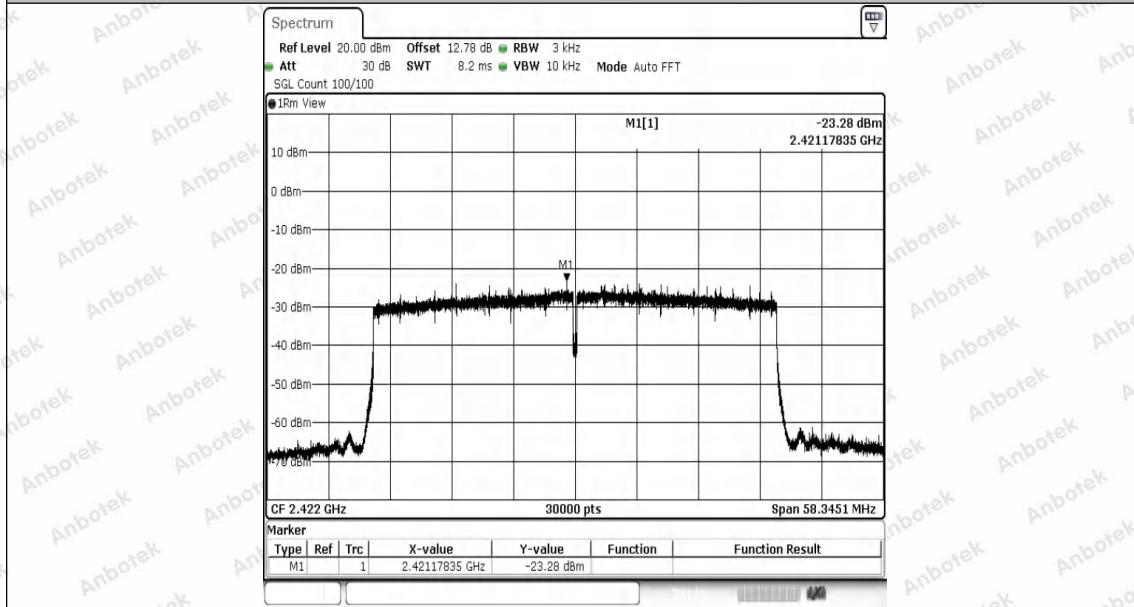


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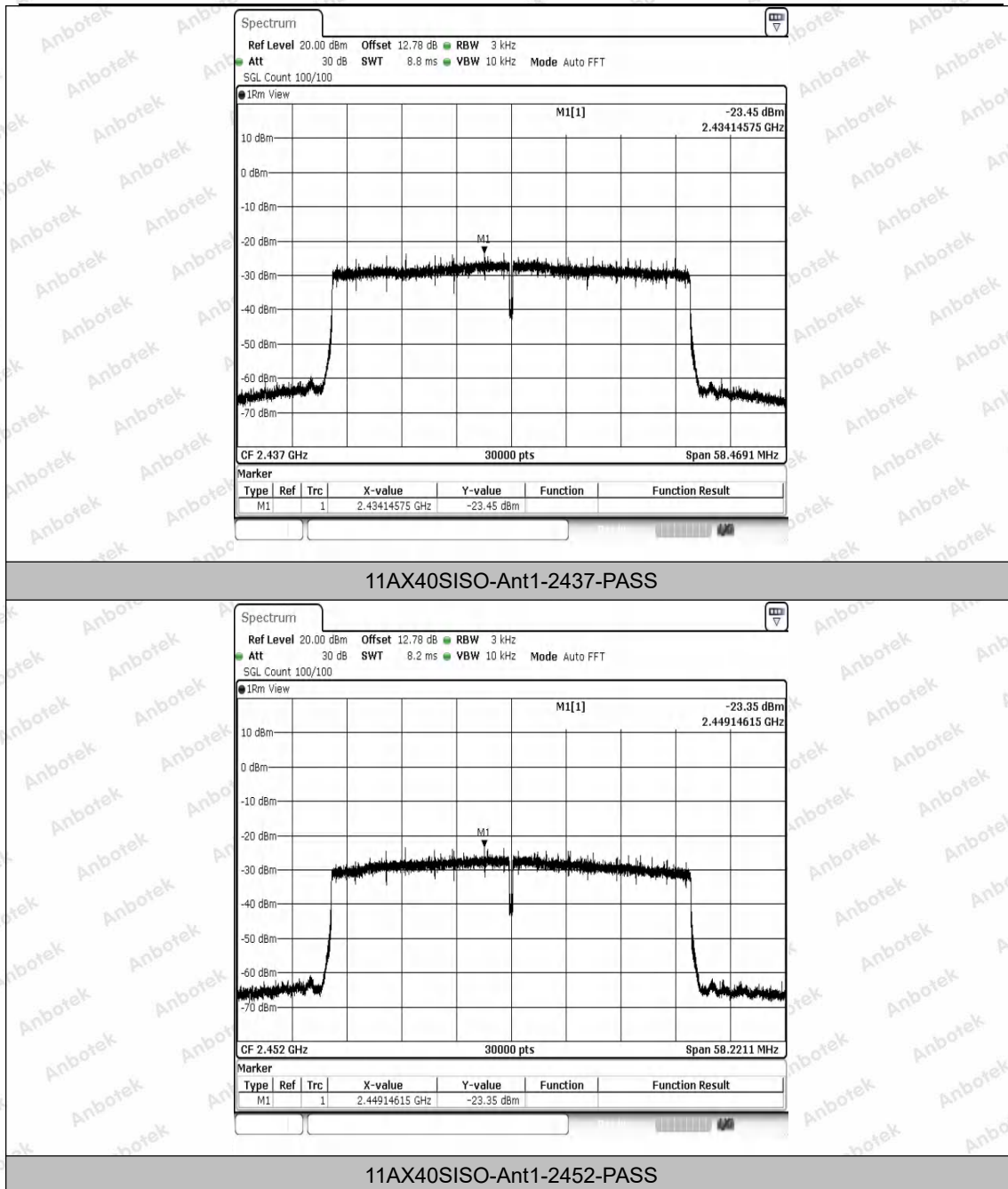


11AX20SISO-Ant1-2462-PASS



11AX40SISO-Ant1-2422-PASS



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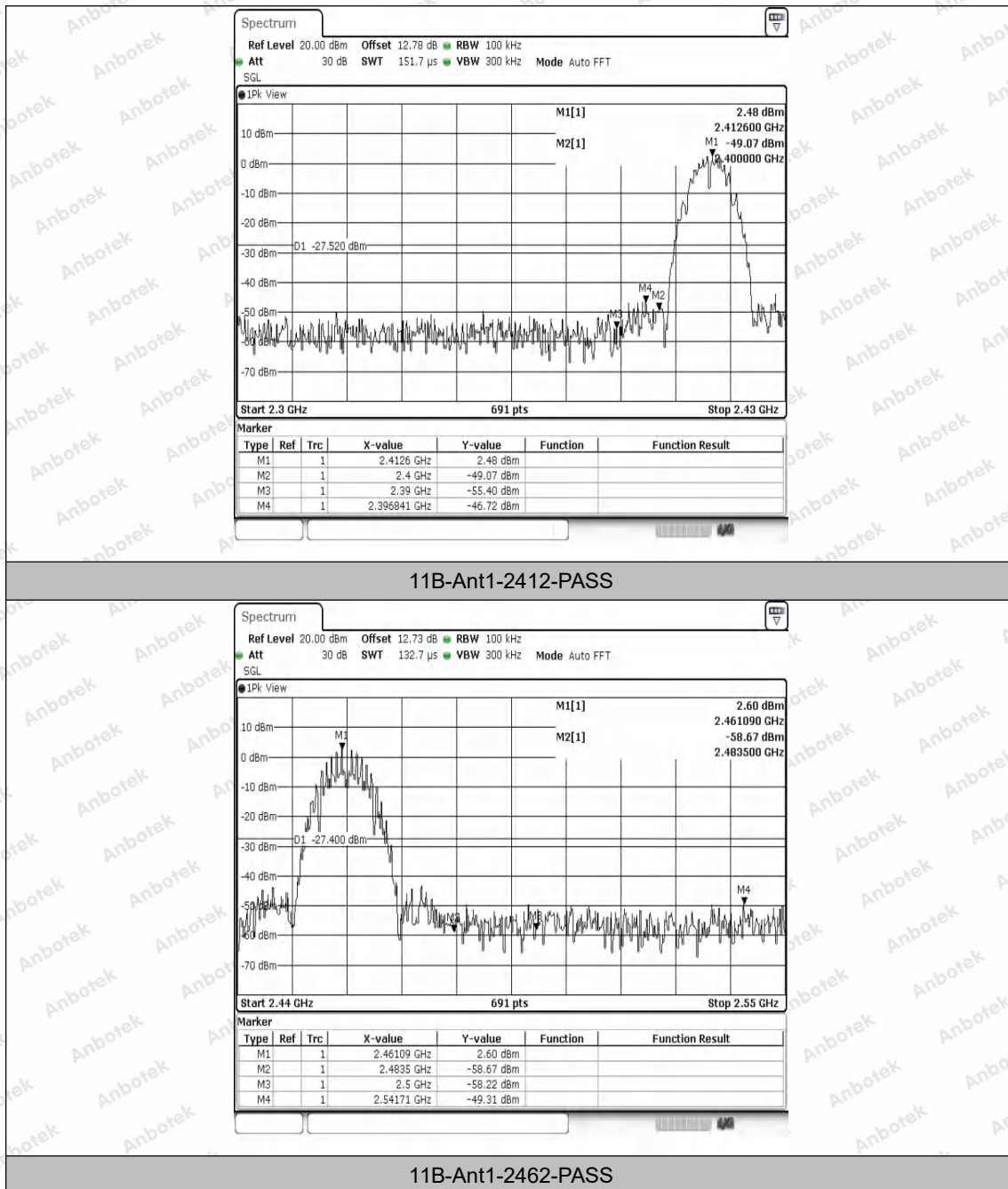
Appendix F: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.48	-46.72	≤-27.52	PASS
11B	Ant1	High	2462	2.60	-49.31	≤-27.4	PASS
11G	Ant1	Low	2412	0.62	-39.3	≤-29.38	PASS
11G	Ant1	High	2462	0.00	-44.34	≤-30	PASS
11N20SISO	Ant1	Low	2412	0.39	-36.21	≤-29.61	PASS
11N20SISO	Ant1	High	2462	0.27	-47.25	≤-29.73	PASS
11N40SISO	Ant1	Low	2422	-2.54	-44	≤-32.54	PASS
11N40SISO	Ant1	High	2452	-2.75	-43.91	≤-32.75	PASS
11AX20SISO	Ant1	Low	2412	0.59	-36.79	≤-29.41	PASS
11AX20SISO	Ant1	High	2462	-0.71	-46.82	≤-30.71	PASS
11AX40SISO	Ant1	Low	2422	-4.74	-42.29	≤-34.74	PASS
11AX40SISO	Ant1	High	2452	-4.43	-44.9	≤-34.43	PASS



Test Graphs



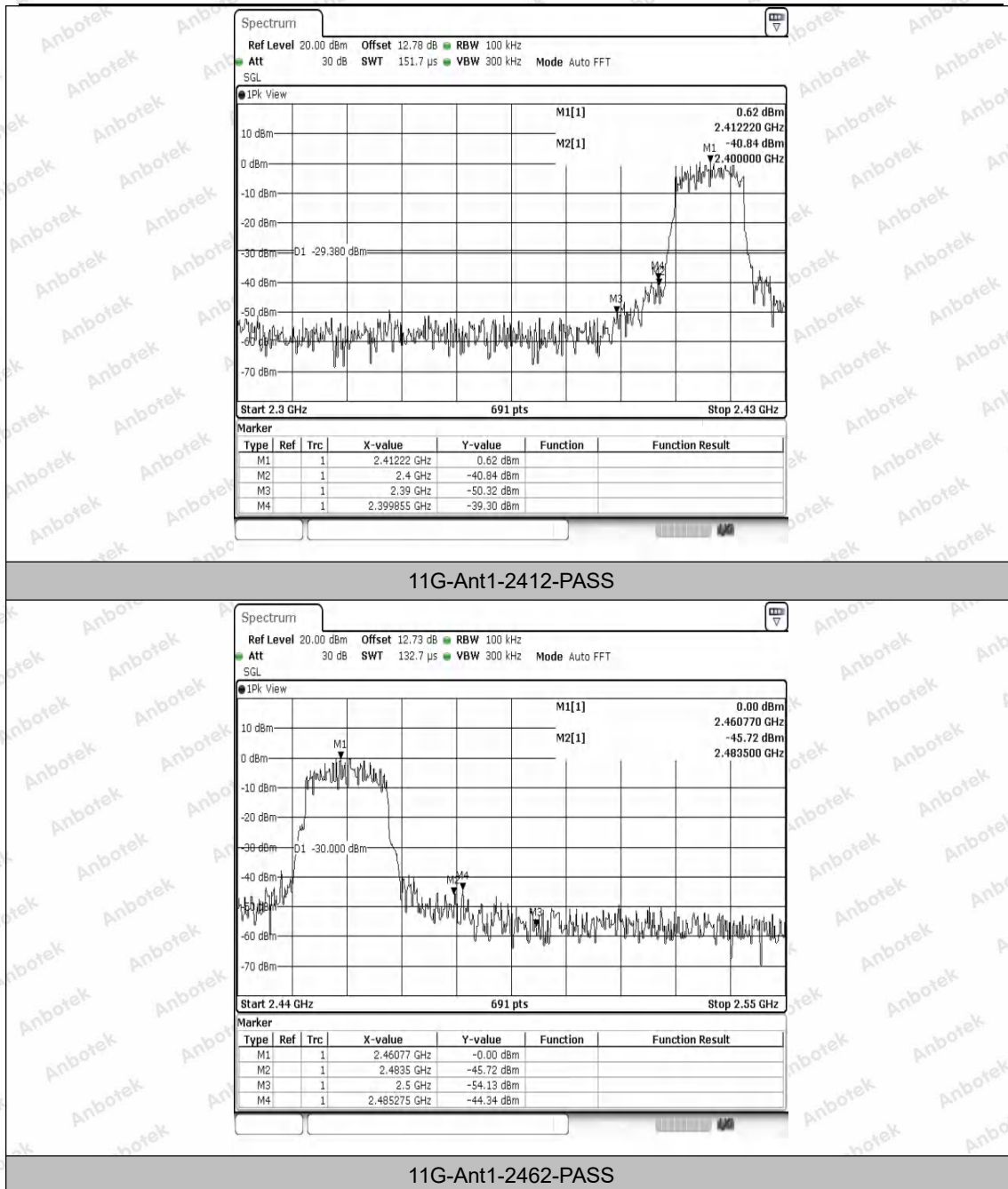
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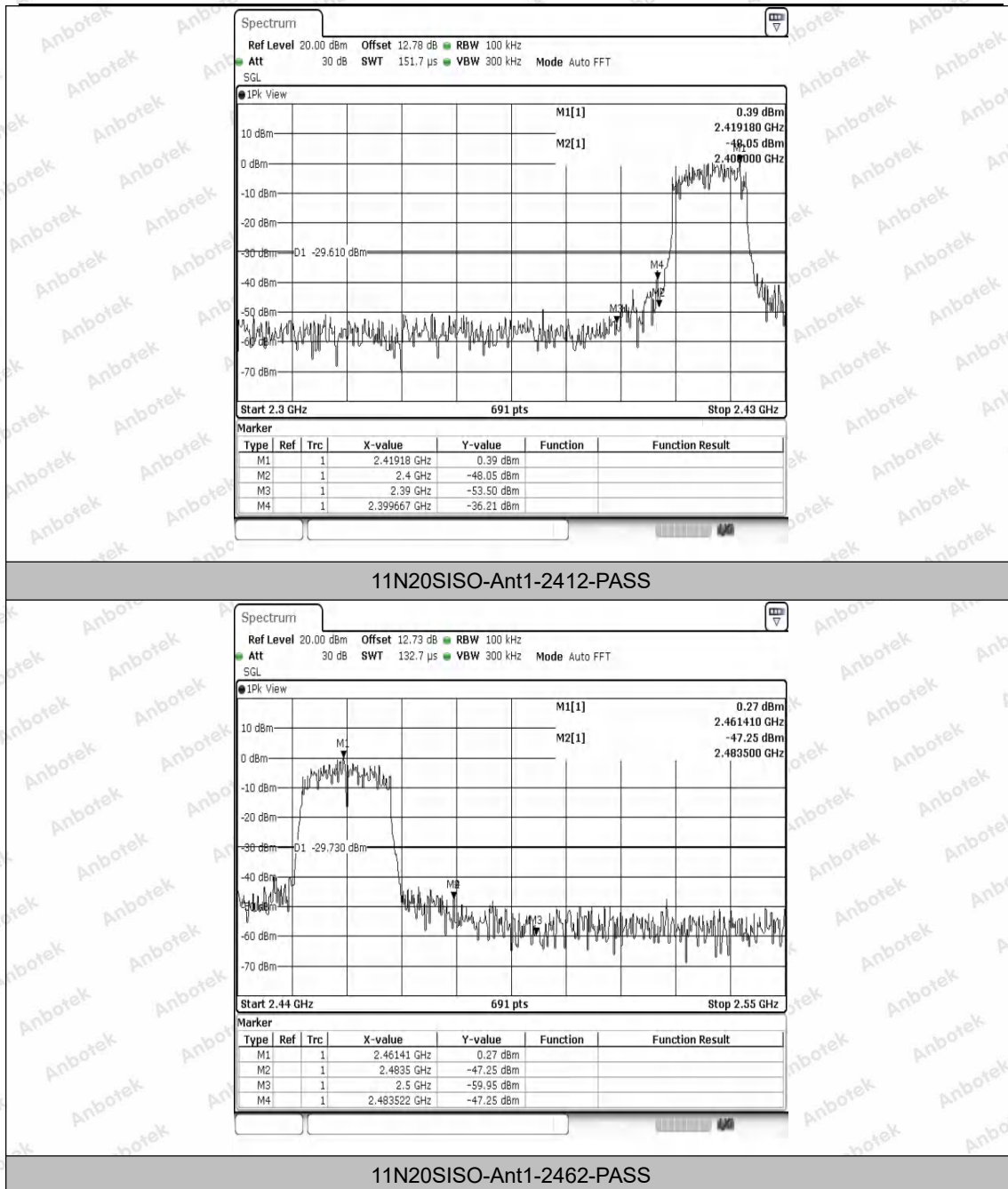
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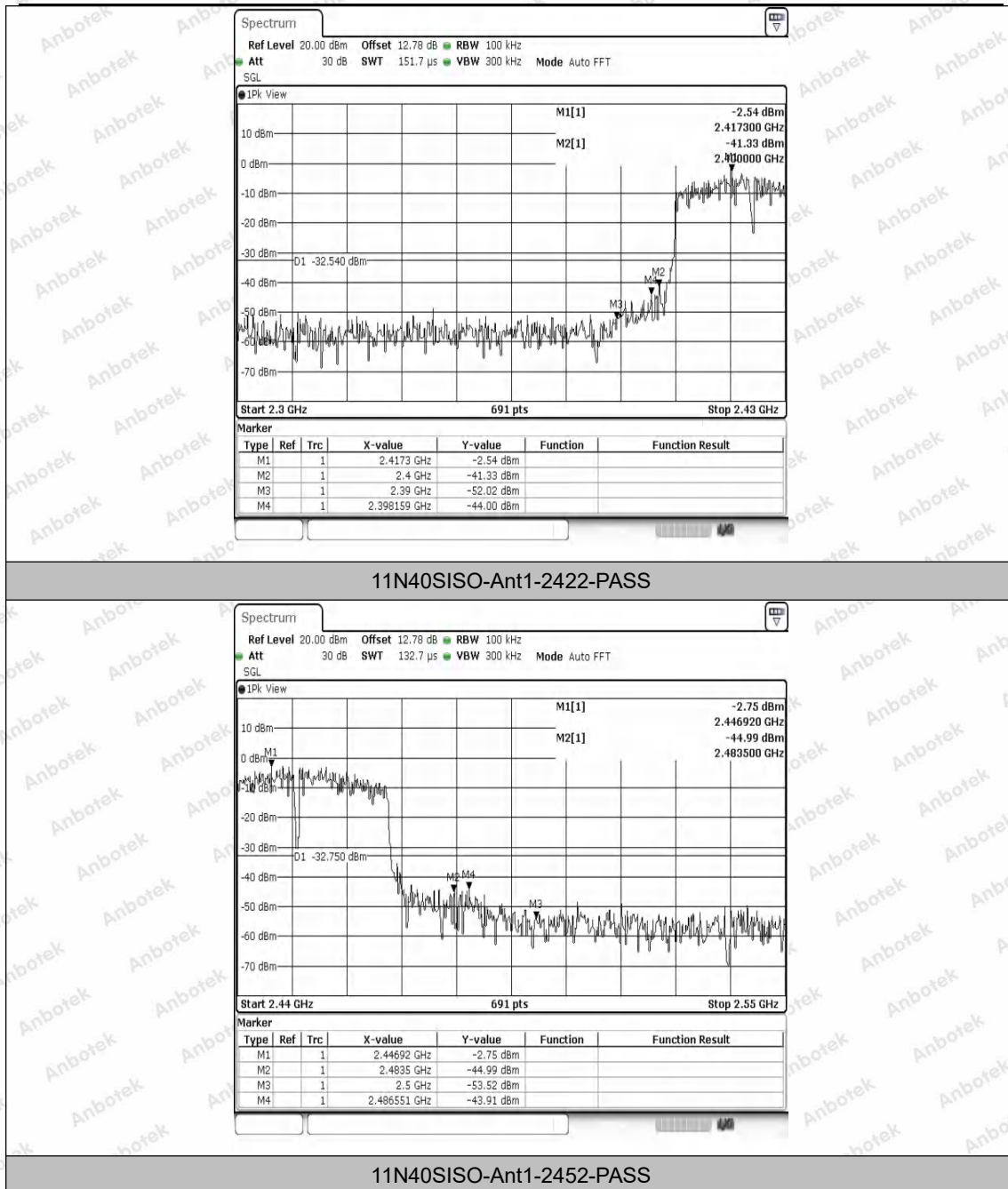
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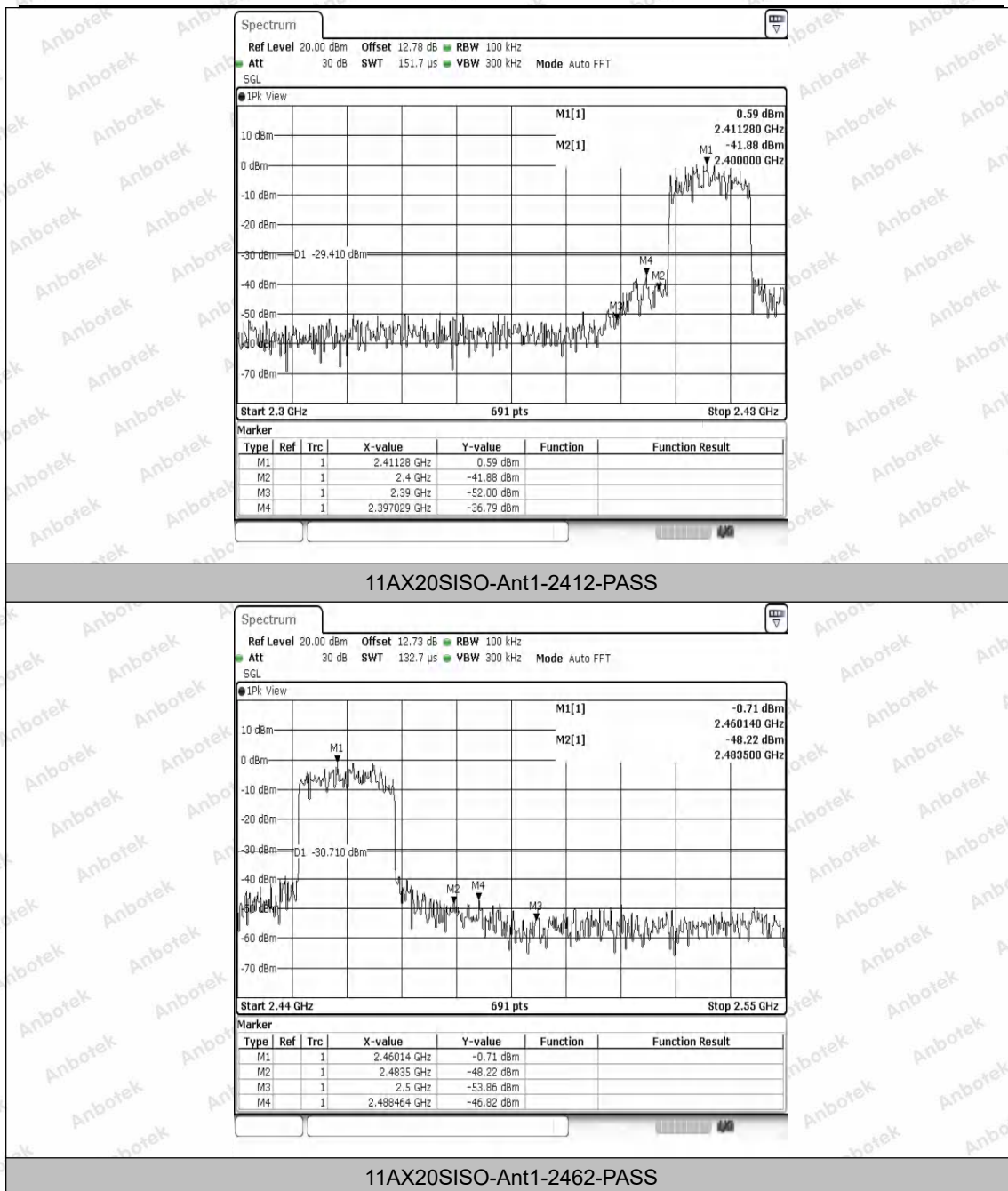
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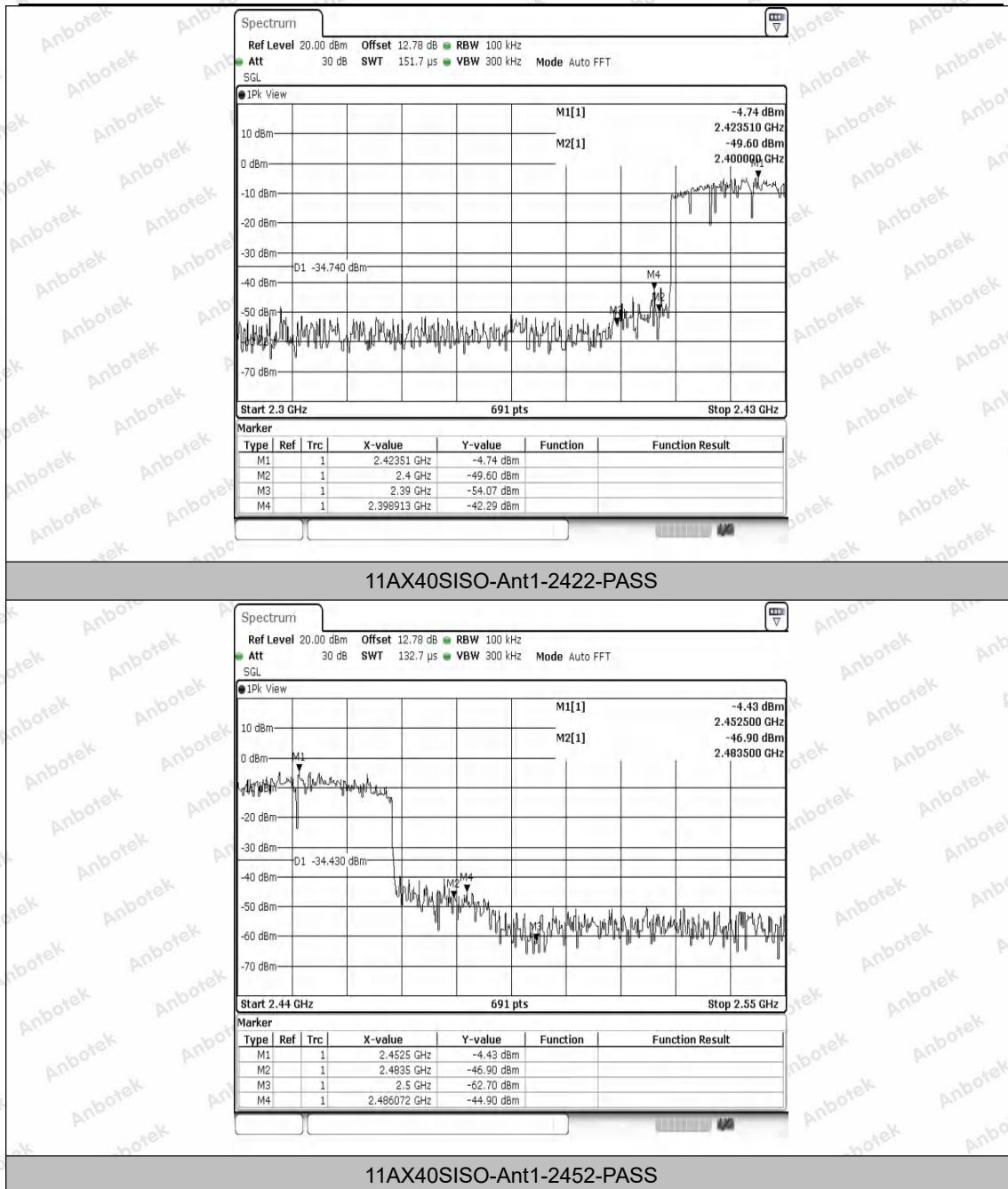
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Appendix G: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	6.31	6.31	---	PASS
11B	Ant1	2412	30~1000	6.31	-58.37	≤-23.69	PASS
11B	Ant1	2412	1000~26500	6.31	-40.51	≤-23.69	PASS
11B	Ant1	2437	0~Reference	6.50	6.50	---	PASS
11B	Ant1	2437	30~1000	6.50	-57.98	≤-23.5	PASS
11B	Ant1	2437	1000~26500	6.50	-43.56	≤-23.5	PASS
11B	Ant1	2462	0~Reference	3.11	3.11	---	PASS
11B	Ant1	2462	30~1000	3.11	-58.12	≤-26.89	PASS
11B	Ant1	2462	1000~26500	3.11	-43.28	≤-26.89	PASS
11G	Ant1	2412	0~Reference	2.47	2.47	---	PASS
11G	Ant1	2412	30~1000	2.47	-56.55	≤-27.53	PASS
11G	Ant1	2412	1000~26500	2.47	-43.95	≤-27.53	PASS
11G	Ant1	2437	0~Reference	2.57	2.57	---	PASS
11G	Ant1	2437	30~1000	2.57	-57.98	≤-27.43	PASS
11G	Ant1	2437	1000~26500	2.57	-44.01	≤-27.43	PASS
11G	Ant1	2462	0~Reference	-0.19	-0.19	---	PASS
11G	Ant1	2462	30~1000	-0.19	-57.91	≤-30.19	PASS
11G	Ant1	2462	1000~26500	-0.19	-44.2	≤-30.19	PASS
11N20SISO	Ant1	2412	0~Reference	1.46	1.46	---	PASS
11N20SISO	Ant1	2412	30~1000	1.46	-58.35	≤-28.54	PASS
11N20SISO	Ant1	2412	1000~26500	1.46	-43.72	≤-28.54	PASS
11N20SISO	Ant1	2437	0~Reference	2.56	2.56	---	PASS
11N20SISO	Ant1	2437	30~1000	2.56	-57.22	≤-27.44	PASS
11N20SISO	Ant1	2437	1000~26500	2.56	-42.8	≤-27.44	PASS
11N20SISO	Ant1	2462	0~Reference	0.43	0.43	---	PASS
11N20SISO	Ant1	2462	30~1000	0.43	-58.22	≤-29.57	PASS
11N20SISO	Ant1	2462	1000~26500	0.43	-43.04	≤-29.57	PASS
11N40SISO	Ant1	2422	0~Reference	-0.93	-0.93	---	PASS
11N40SISO	Ant1	2422	30~1000	-0.93	-58.11	≤-30.93	PASS
11N40SISO	Ant1	2422	1000~26500	-0.93	-44.14	≤-30.93	PASS
11N40SISO	Ant1	2437	0~Reference	-0.07	-0.07	---	PASS
11N40SISO	Ant1	2437	30~1000	-0.07	-57.92	≤-30.07	PASS
11N40SISO	Ant1	2437	1000~26500	-0.07	-43.9	≤-30.07	PASS
11N40SISO	Ant1	2452	0~Reference	-2.54	-2.54	---	PASS
11N40SISO	Ant1	2452	30~1000	-2.54	-58.47	≤-32.54	PASS
11N40SISO	Ant1	2452	1000~26500	-2.54	-43.73	≤-32.54	PASS
11AX20SISO	Ant1	2412	0~Reference	2.20	2.20	---	PASS

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11AX20SISO	Ant1	2412	30~1000	2.20	-58.12	≤-27.8	PASS
11AX20SISO	Ant1	2412	1000~26500	2.20	-44.17	≤-27.8	PASS
11AX20SISO	Ant1	2437	0~Reference	1.98	1.98	---	PASS
11AX20SISO	Ant1	2437	30~1000	1.98	-58.35	≤-28.02	PASS
11AX20SISO	Ant1	2437	1000~26500	1.98	-43.27	≤-28.02	PASS
11AX20SISO	Ant1	2462	0~Reference	-1.04	-1.04	---	PASS
11AX20SISO	Ant1	2462	30~1000	-1.04	-58.14	≤-31.04	PASS
11AX20SISO	Ant1	2462	1000~26500	-1.04	-44.09	≤-31.04	PASS
11AX40SISO	Ant1	2422	0~Reference	-0.91	-0.91	---	PASS
11AX40SISO	Ant1	2422	30~1000	-0.91	-57.12	≤-30.91	PASS
11AX40SISO	Ant1	2422	1000~26500	-0.91	-44.36	≤-30.91	PASS
11AX40SISO	Ant1	2437	0~Reference	0.63	0.63	---	PASS
11AX40SISO	Ant1	2437	30~1000	0.63	-58.48	≤-29.37	PASS
11AX40SISO	Ant1	2437	1000~26500	0.63	-43.27	≤-29.37	PASS
11AX40SISO	Ant1	2452	0~Reference	-3.50	-3.50	---	PASS
11AX40SISO	Ant1	2452	30~1000	-3.50	-57.88	≤-33.5	PASS
11AX40SISO	Ant1	2452	1000~26500	-3.50	-43.05	≤-33.5	PASS

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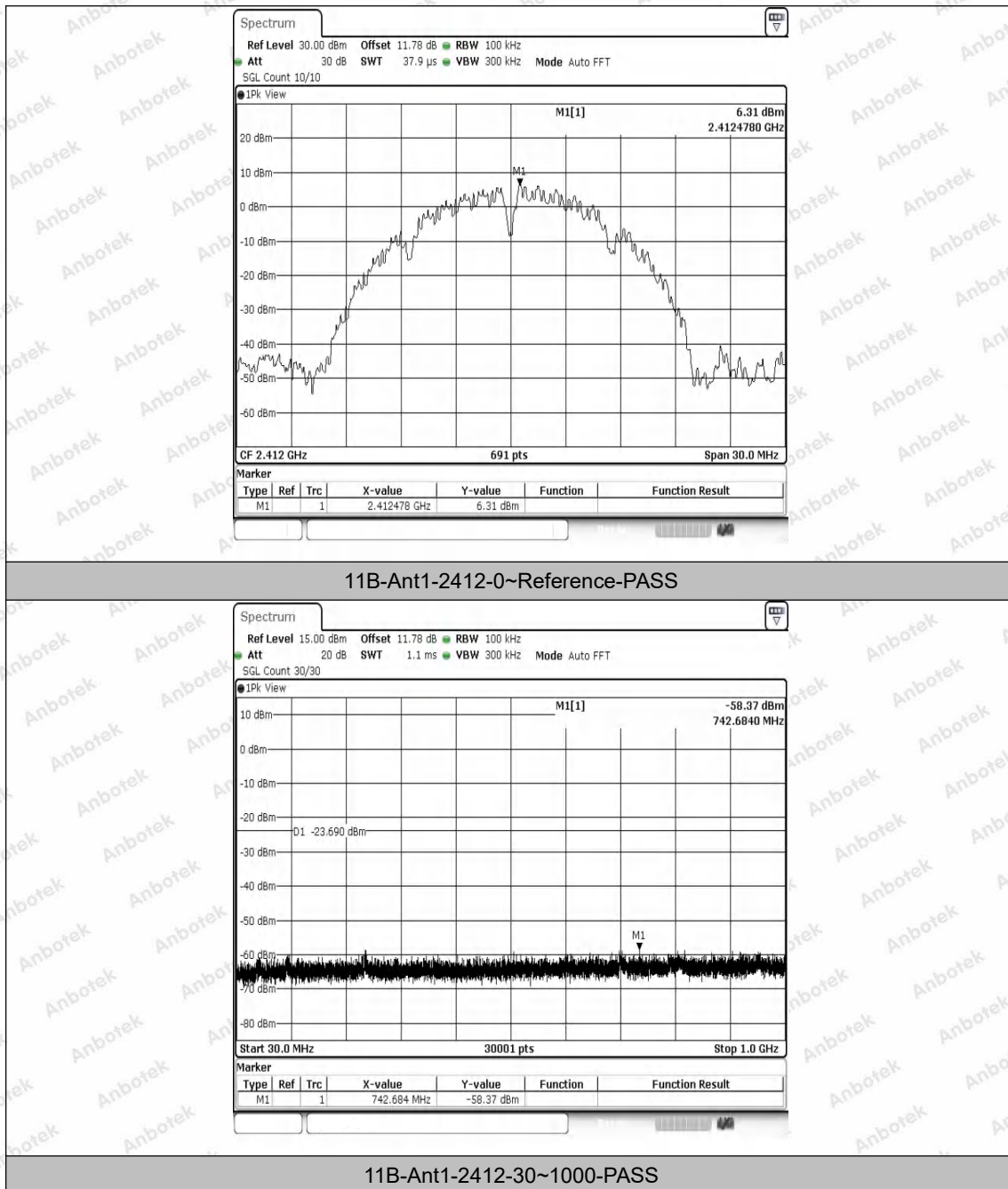
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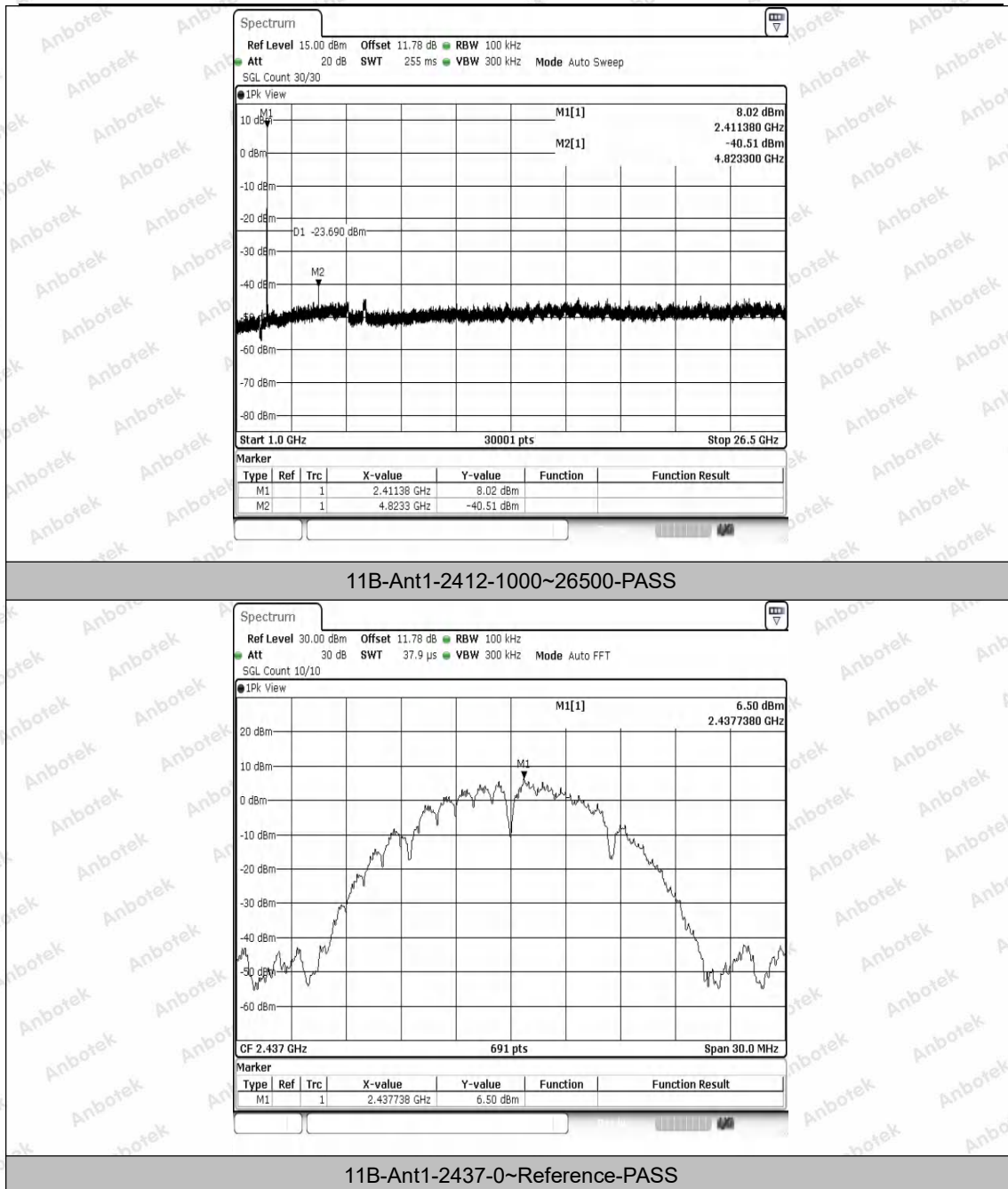


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Test Graphs



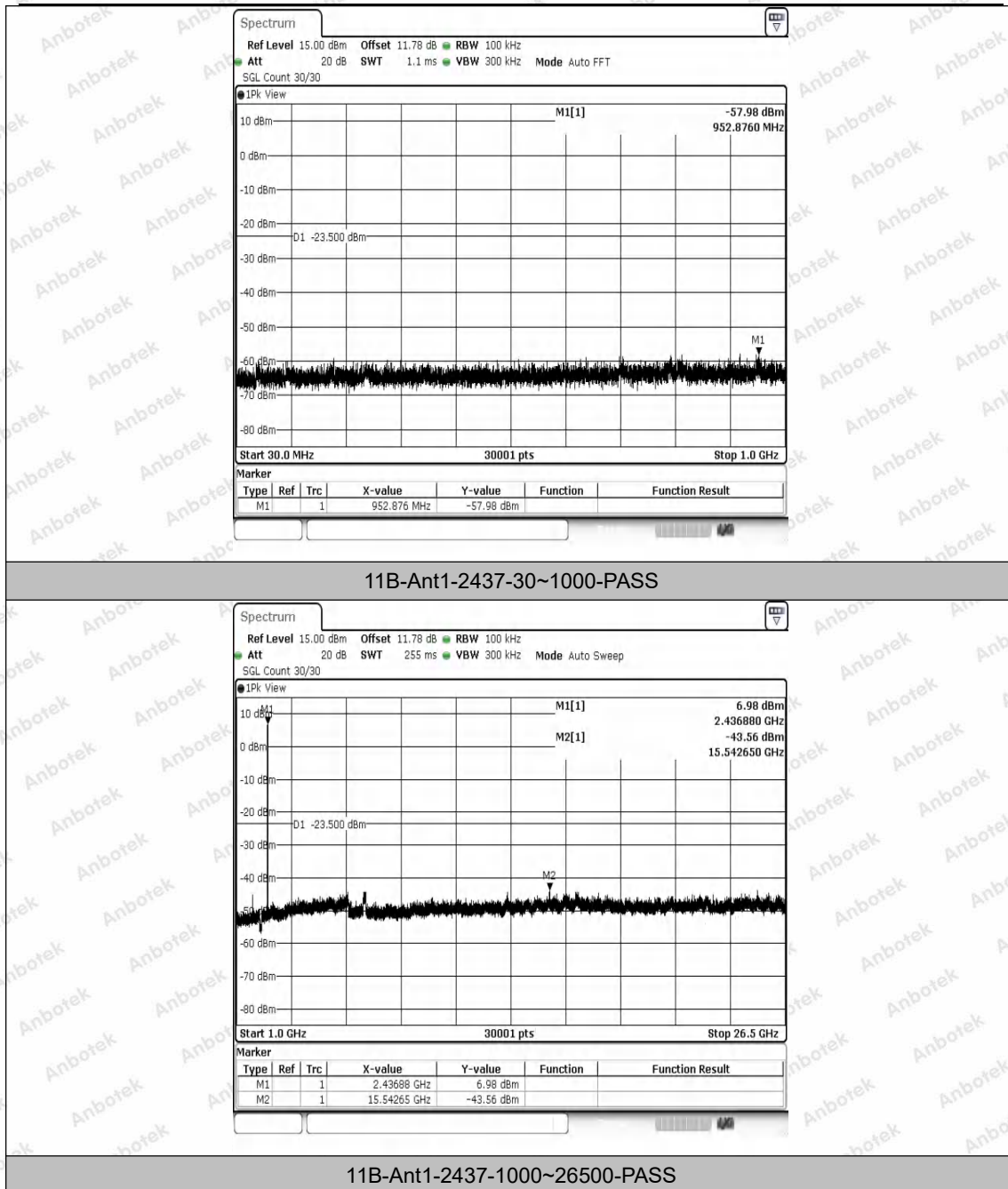
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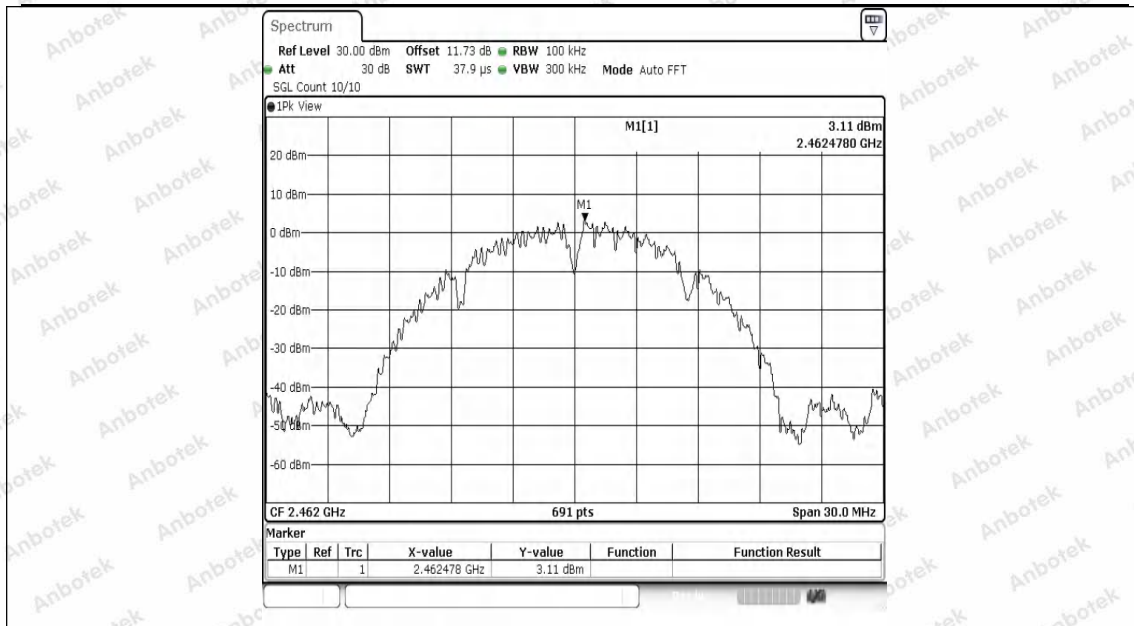
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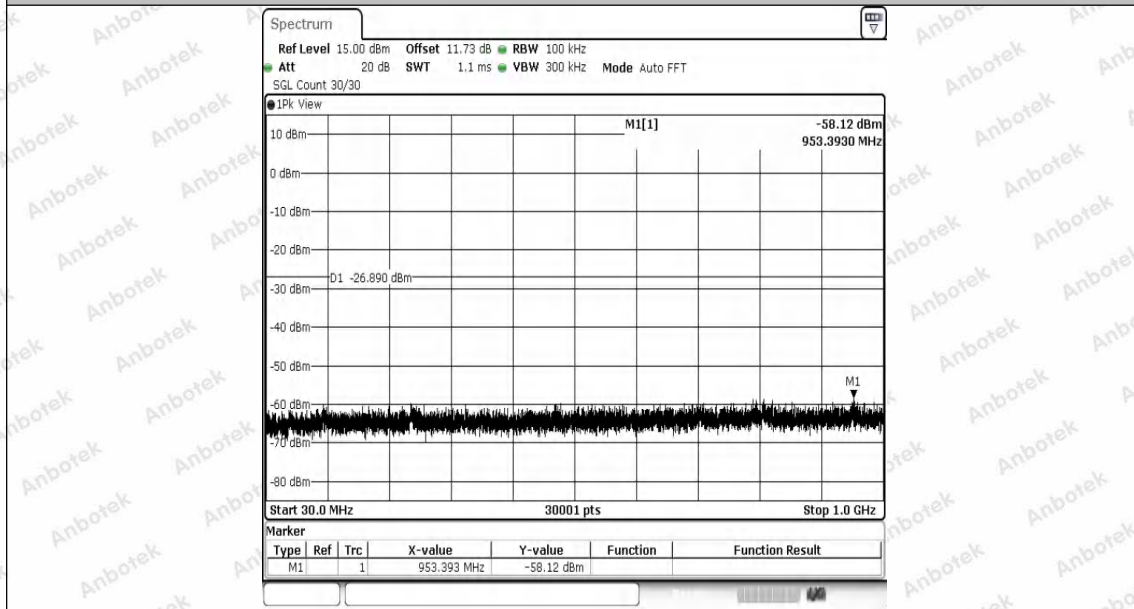


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11B-Ant1-2462-0~Reference-PASS



11B-Ant1-2462-30~1000-PASS

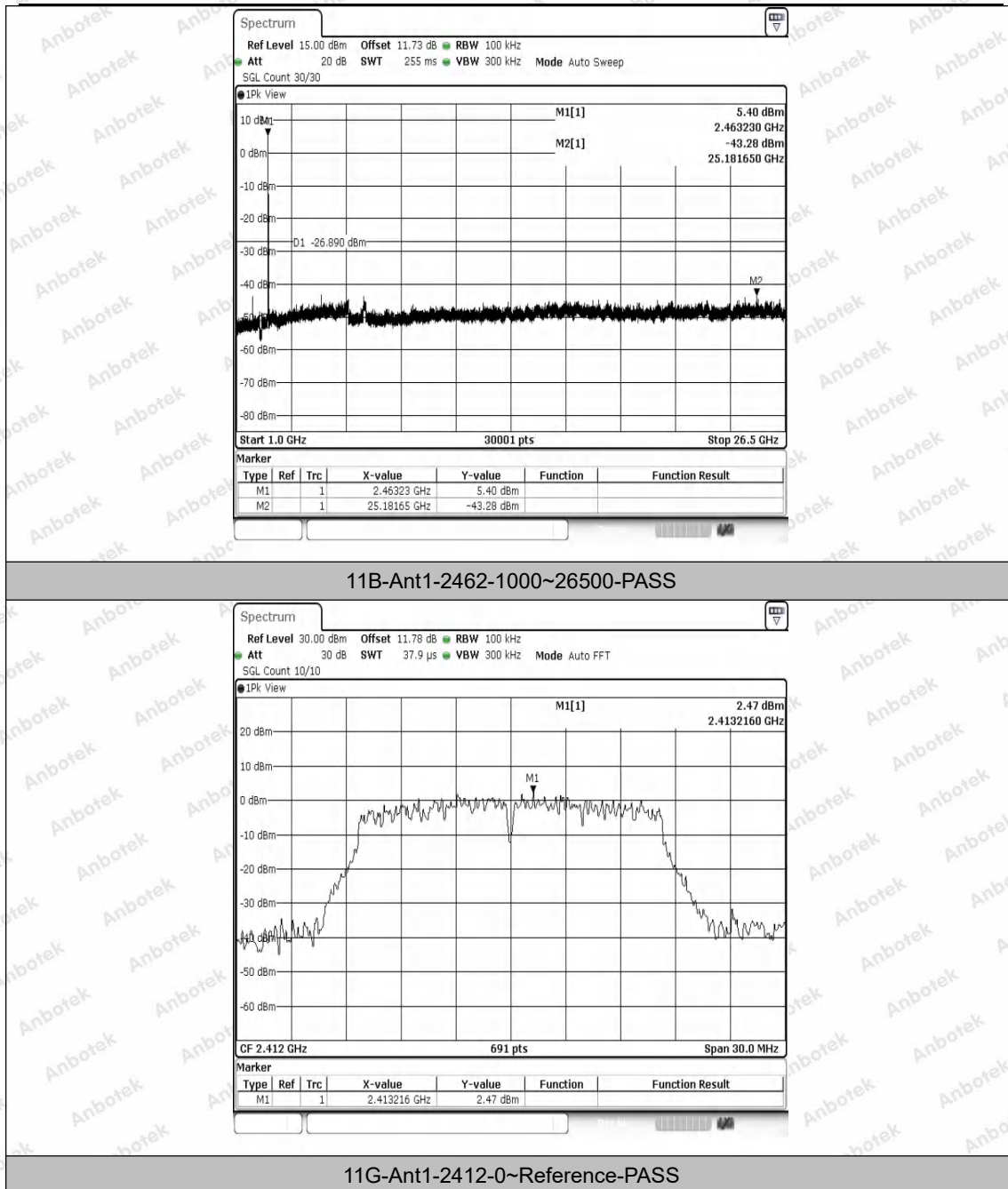
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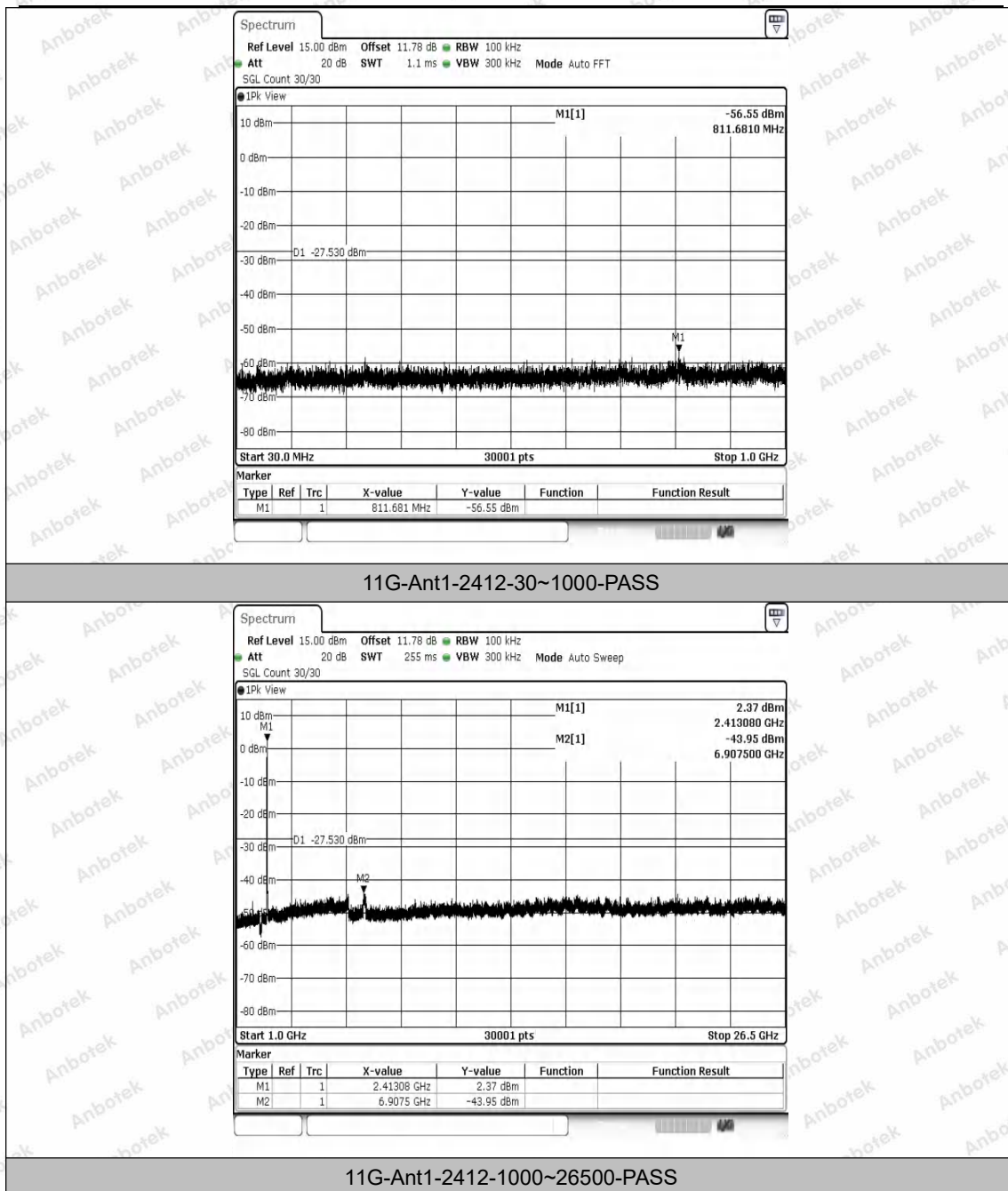
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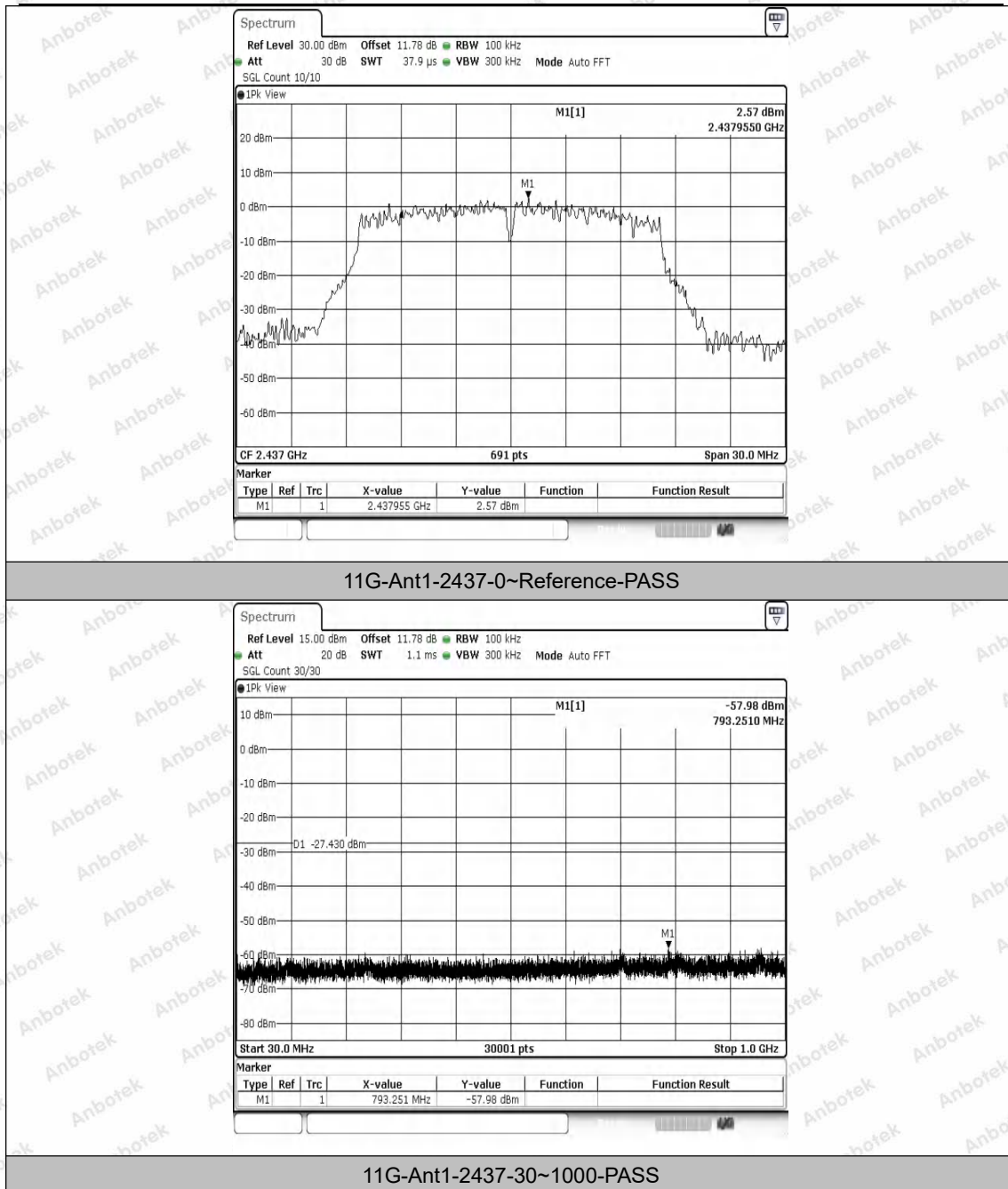
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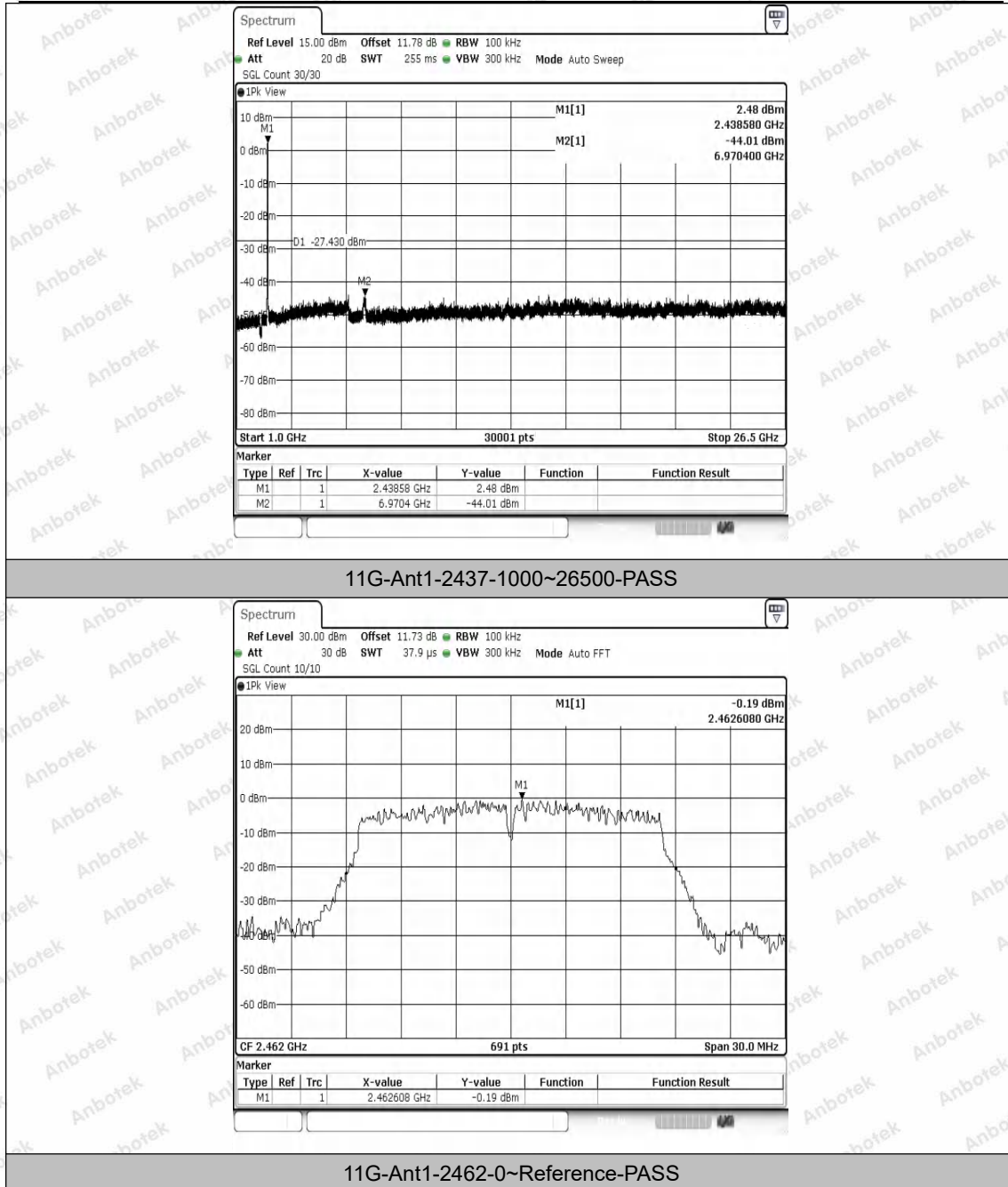
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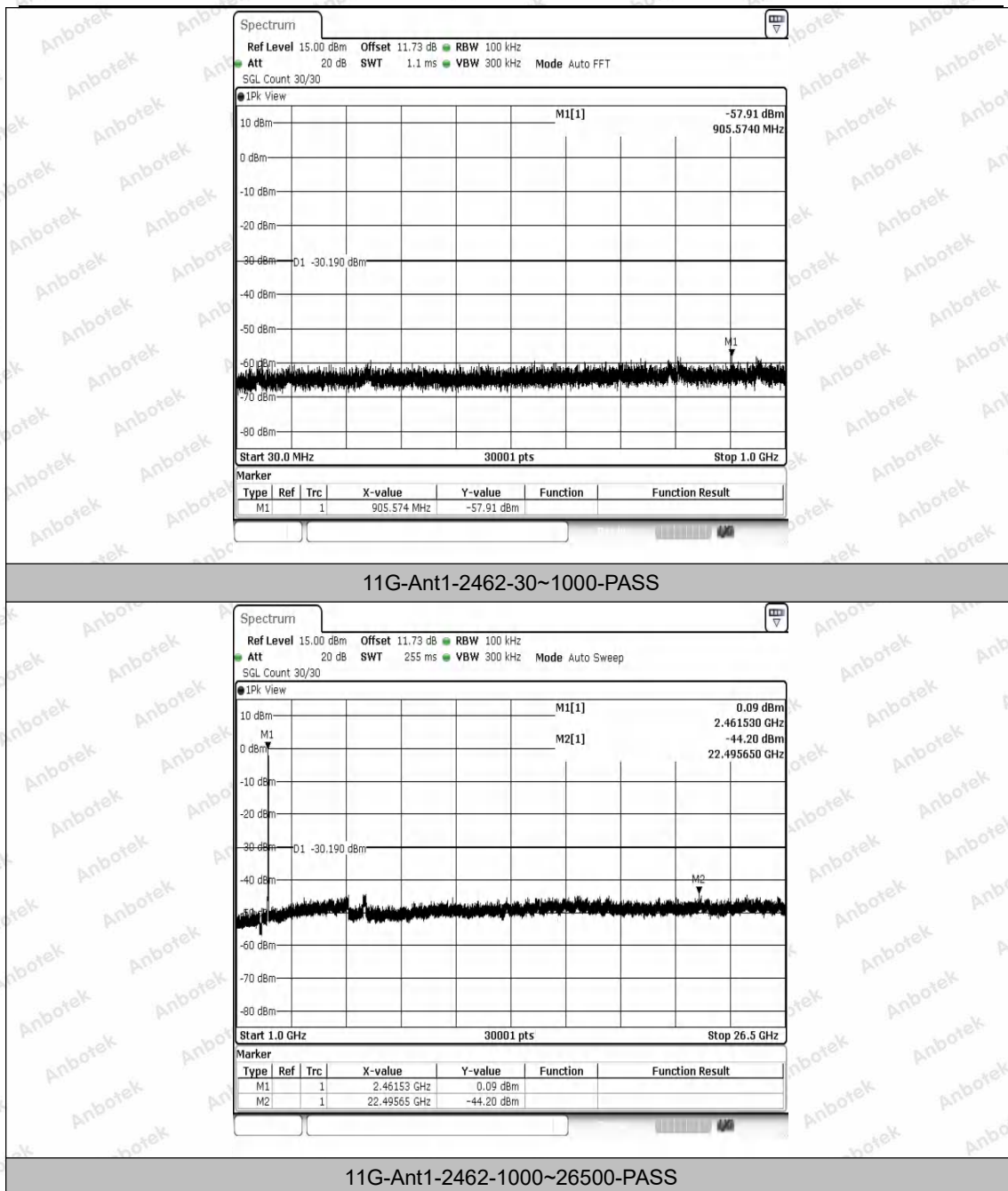
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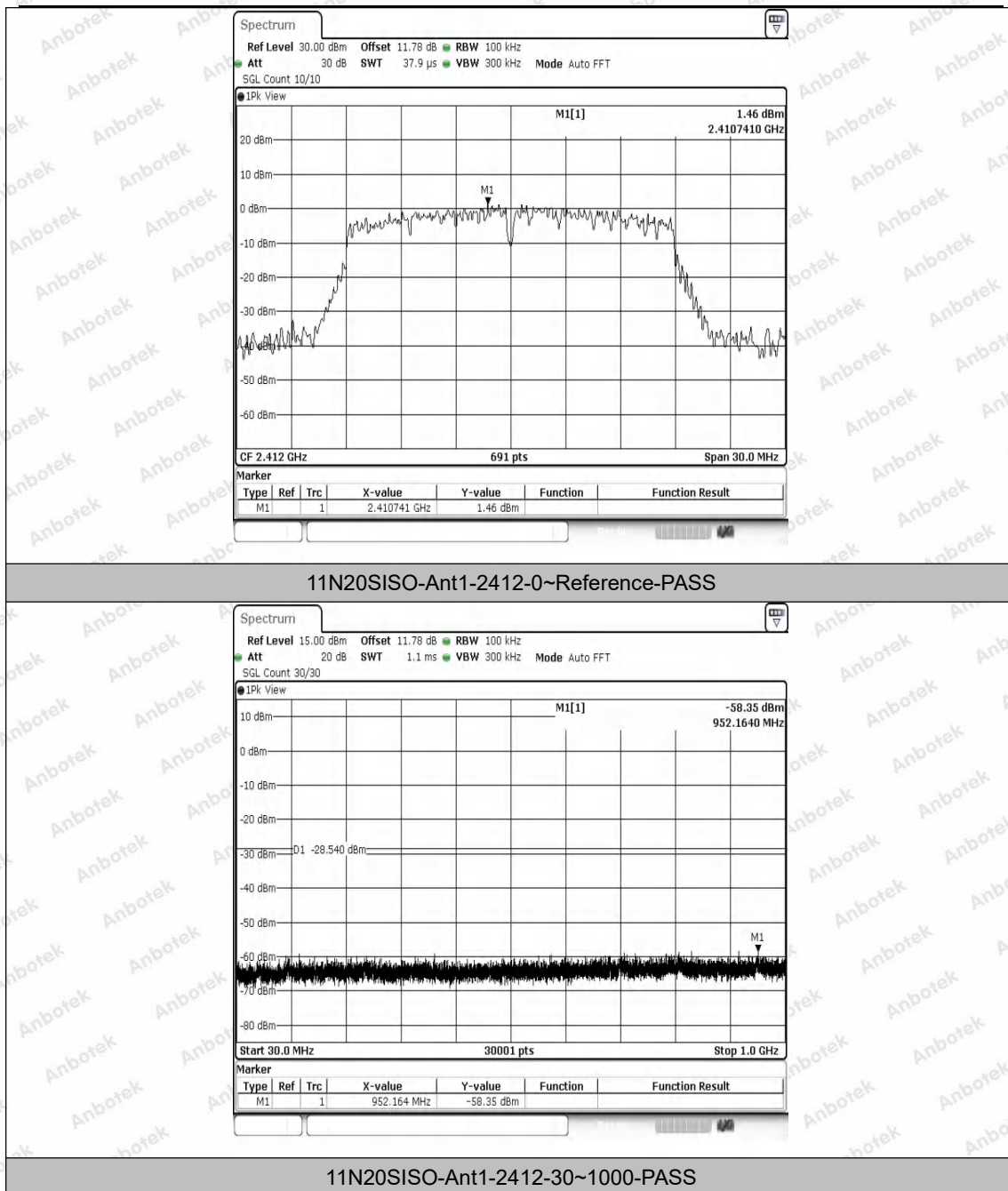
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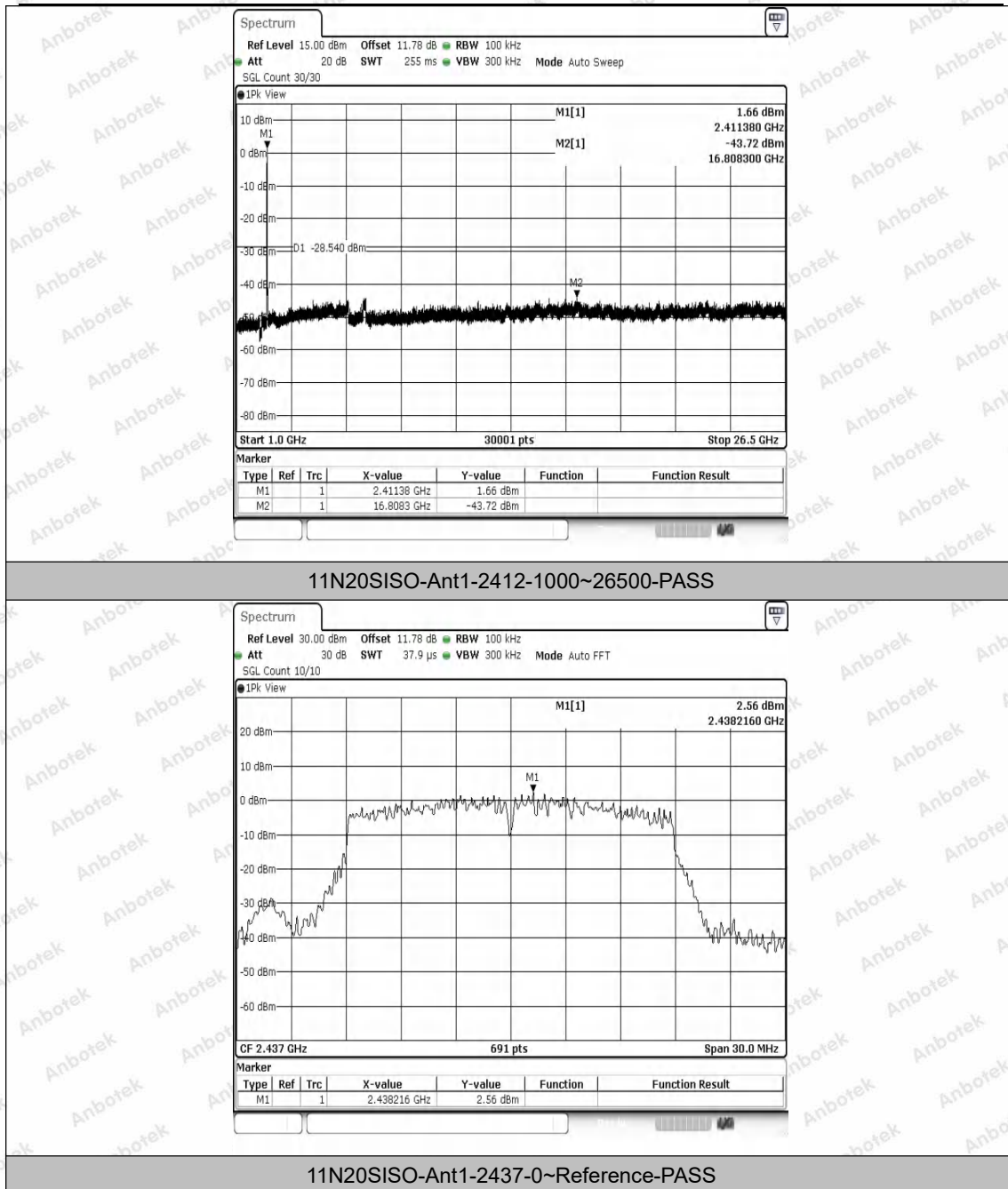
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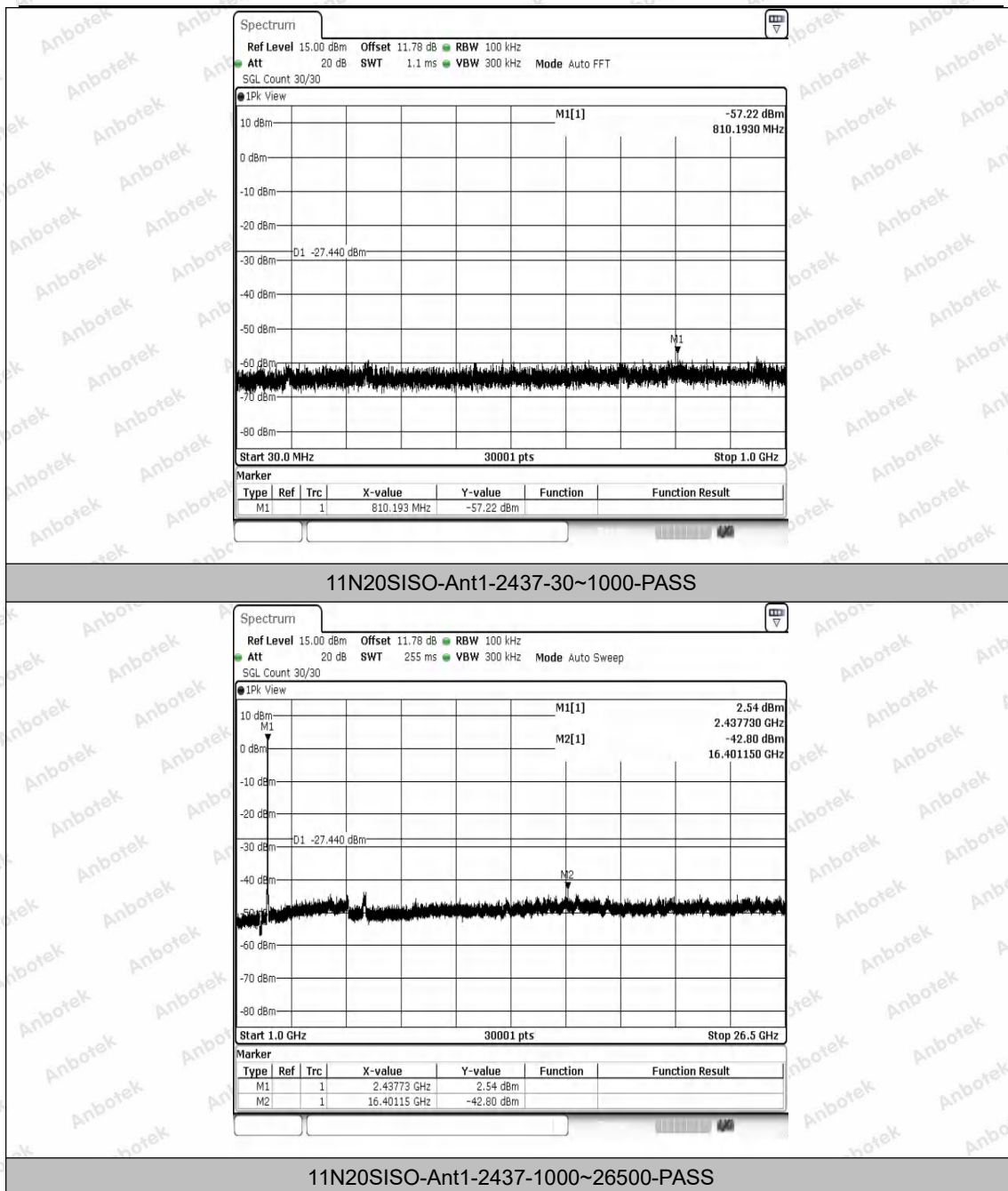
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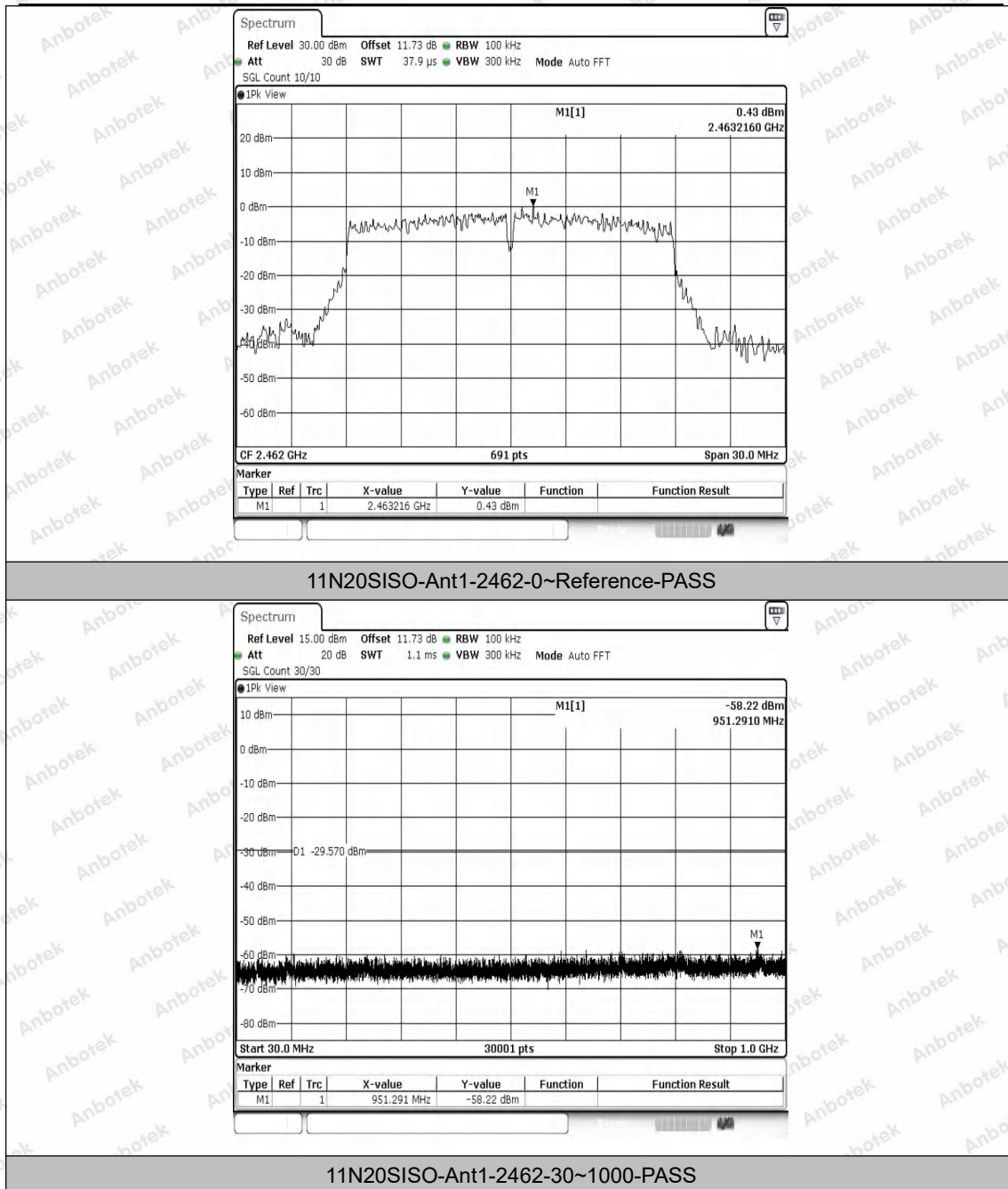
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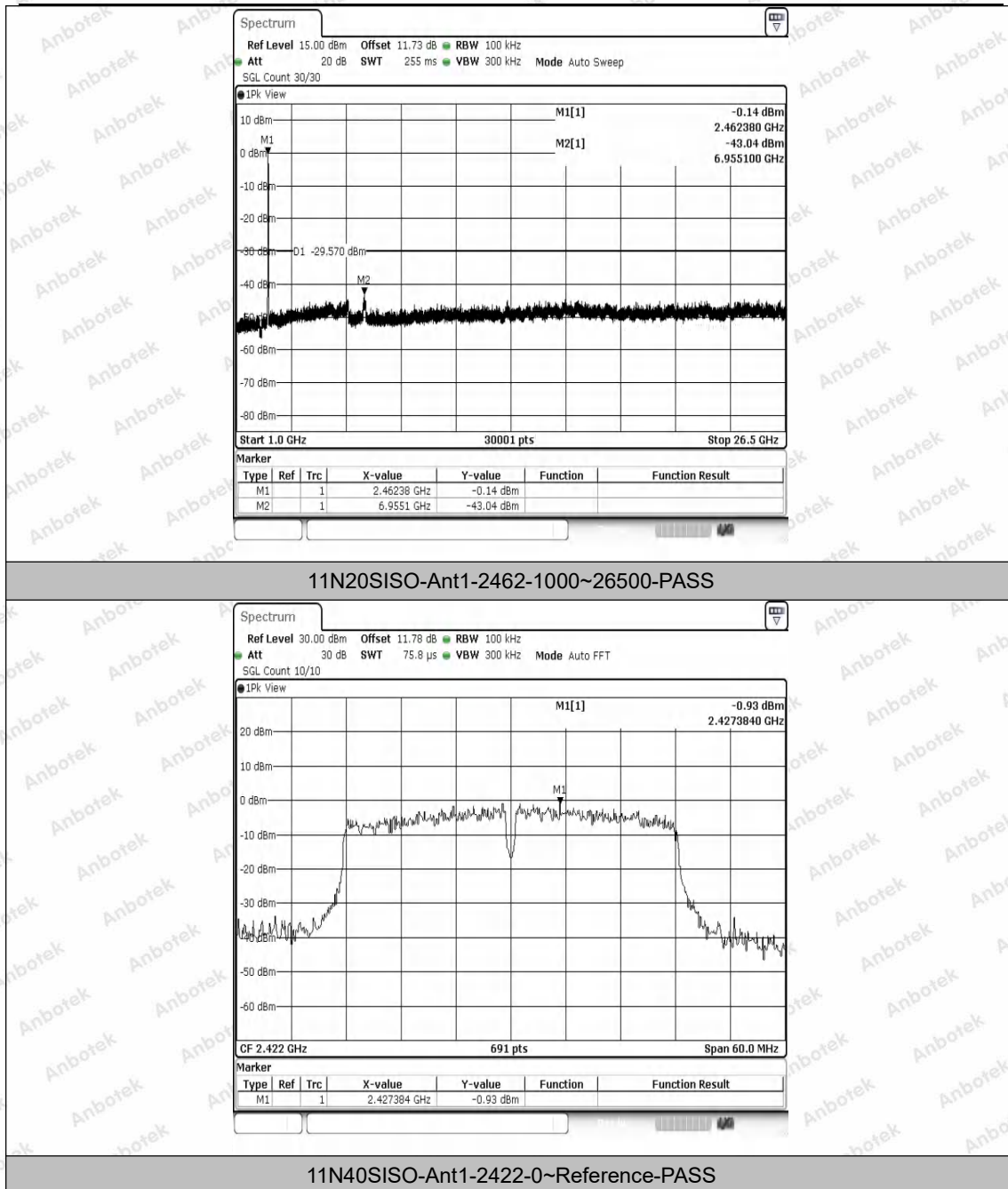
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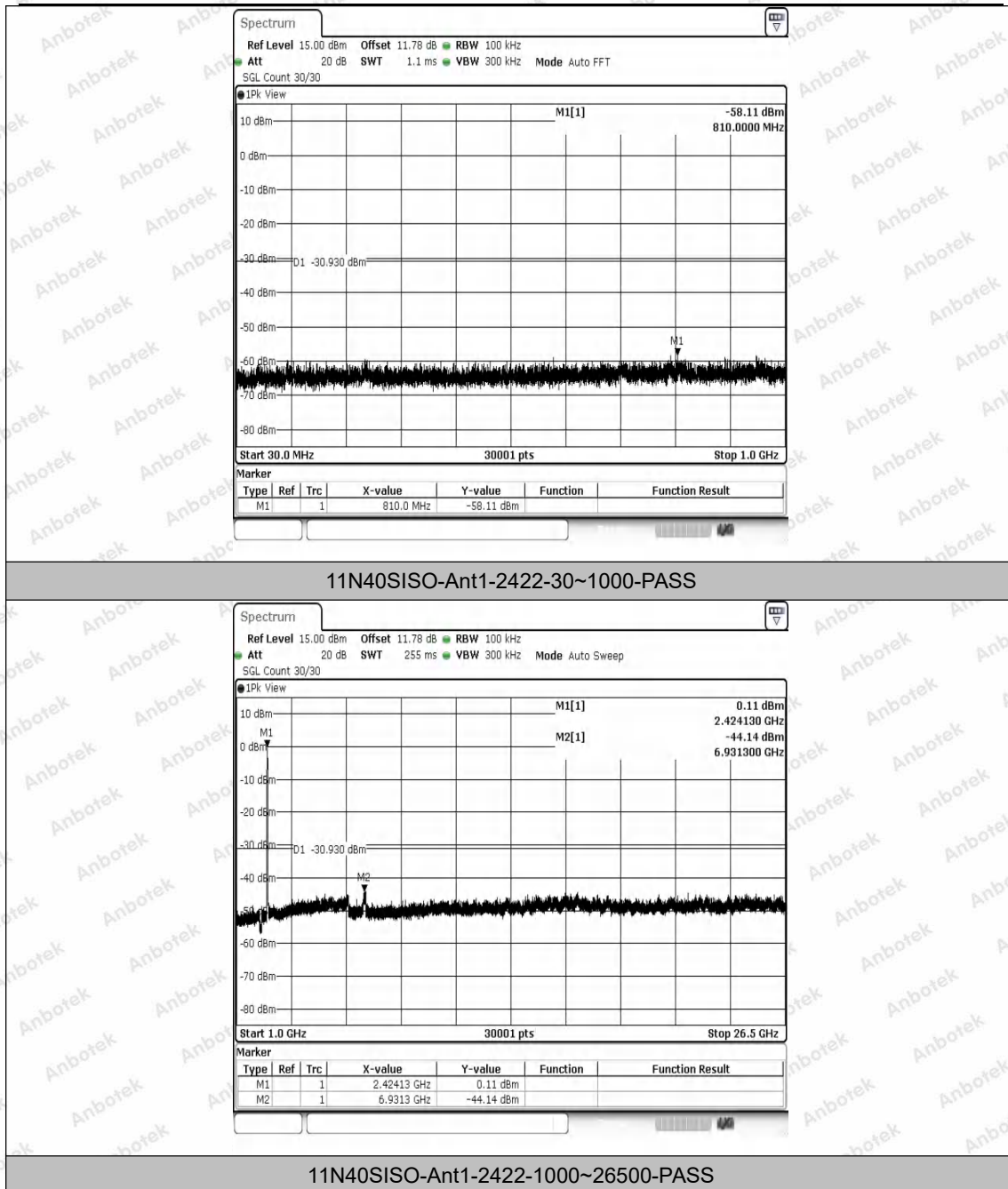
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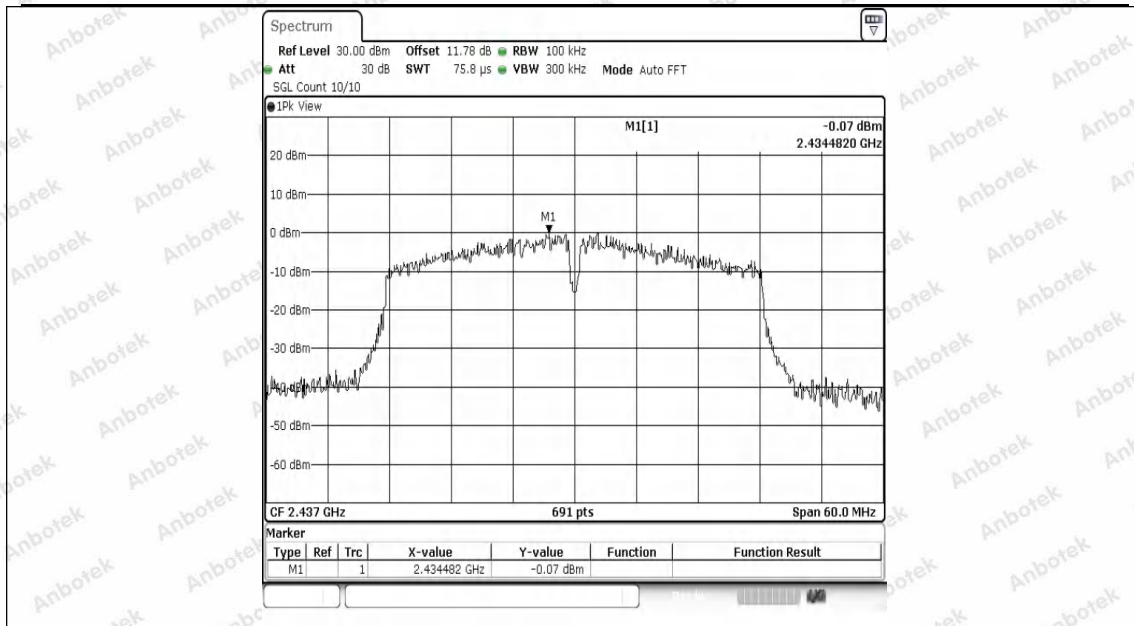
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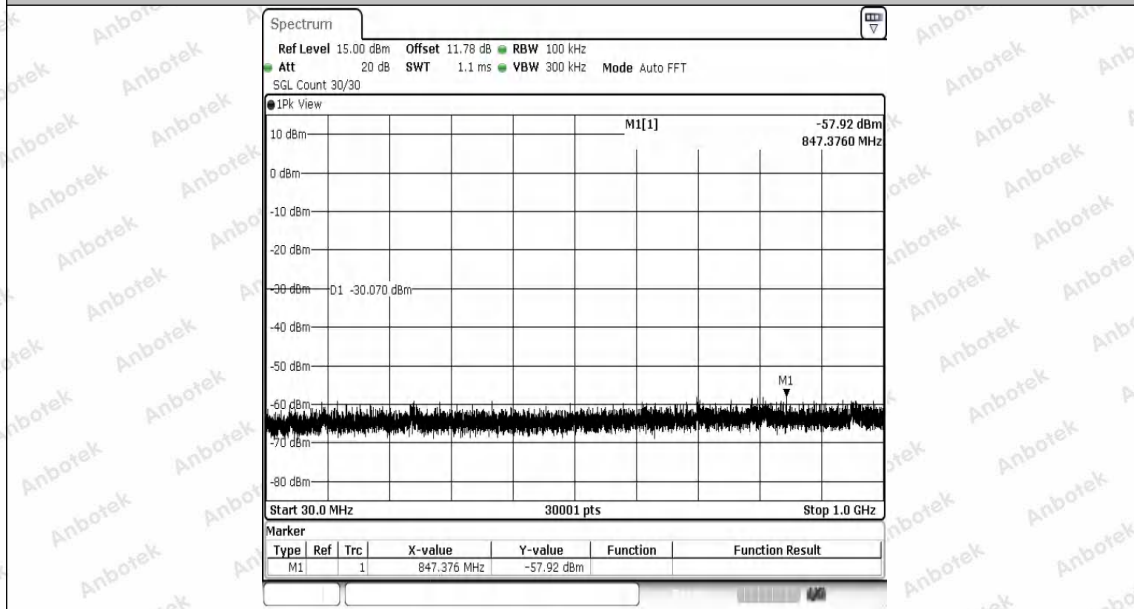


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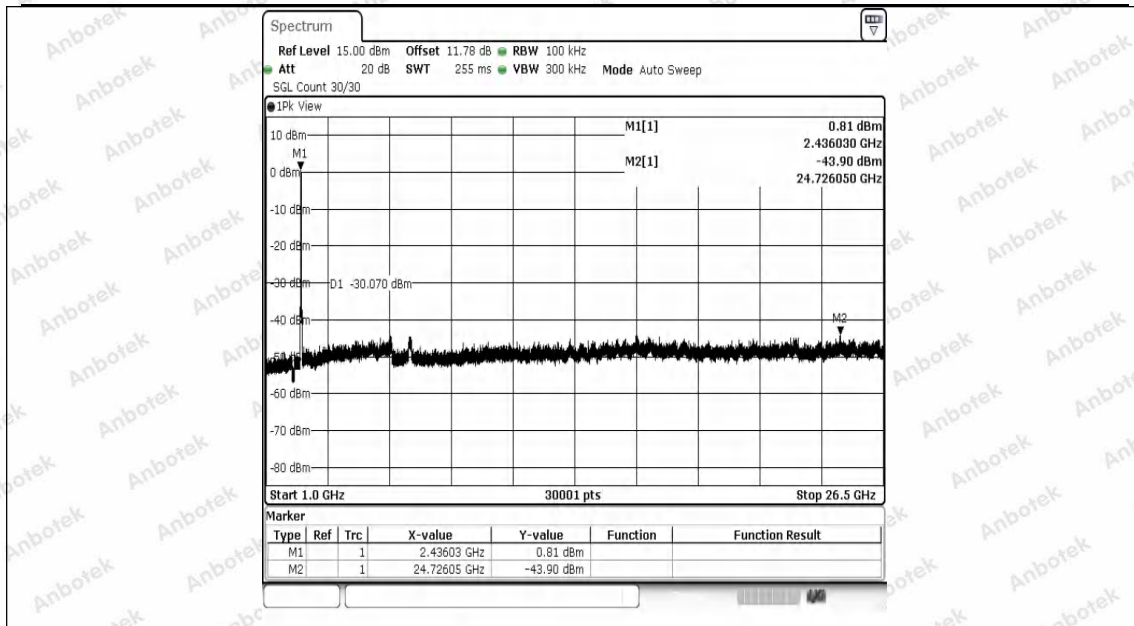


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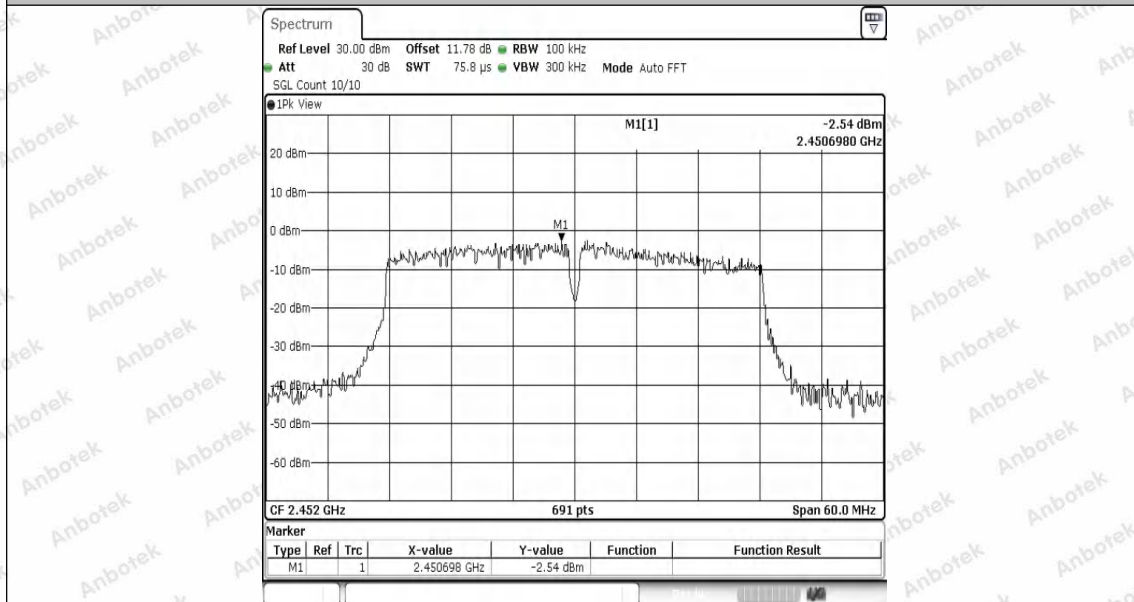


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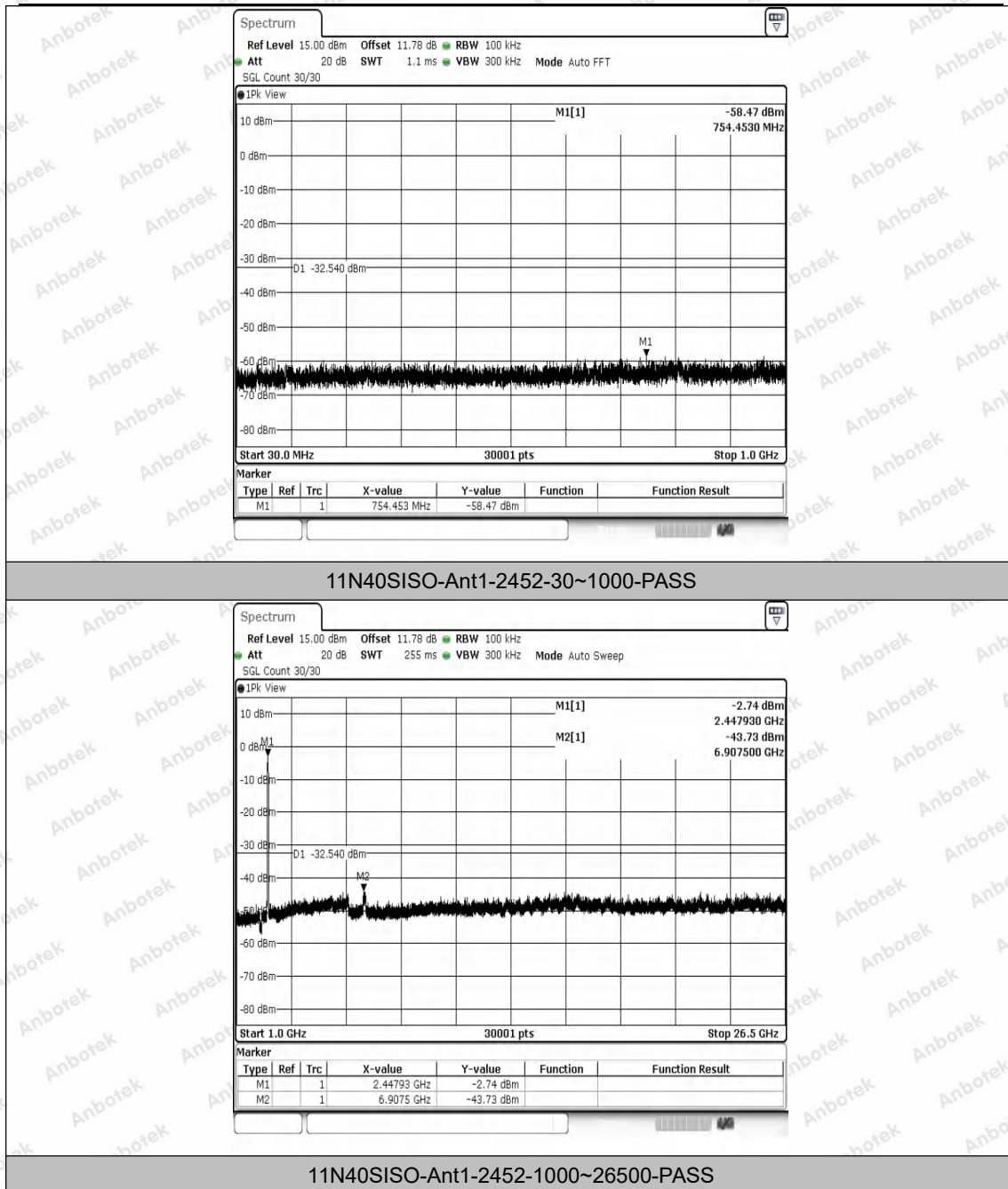
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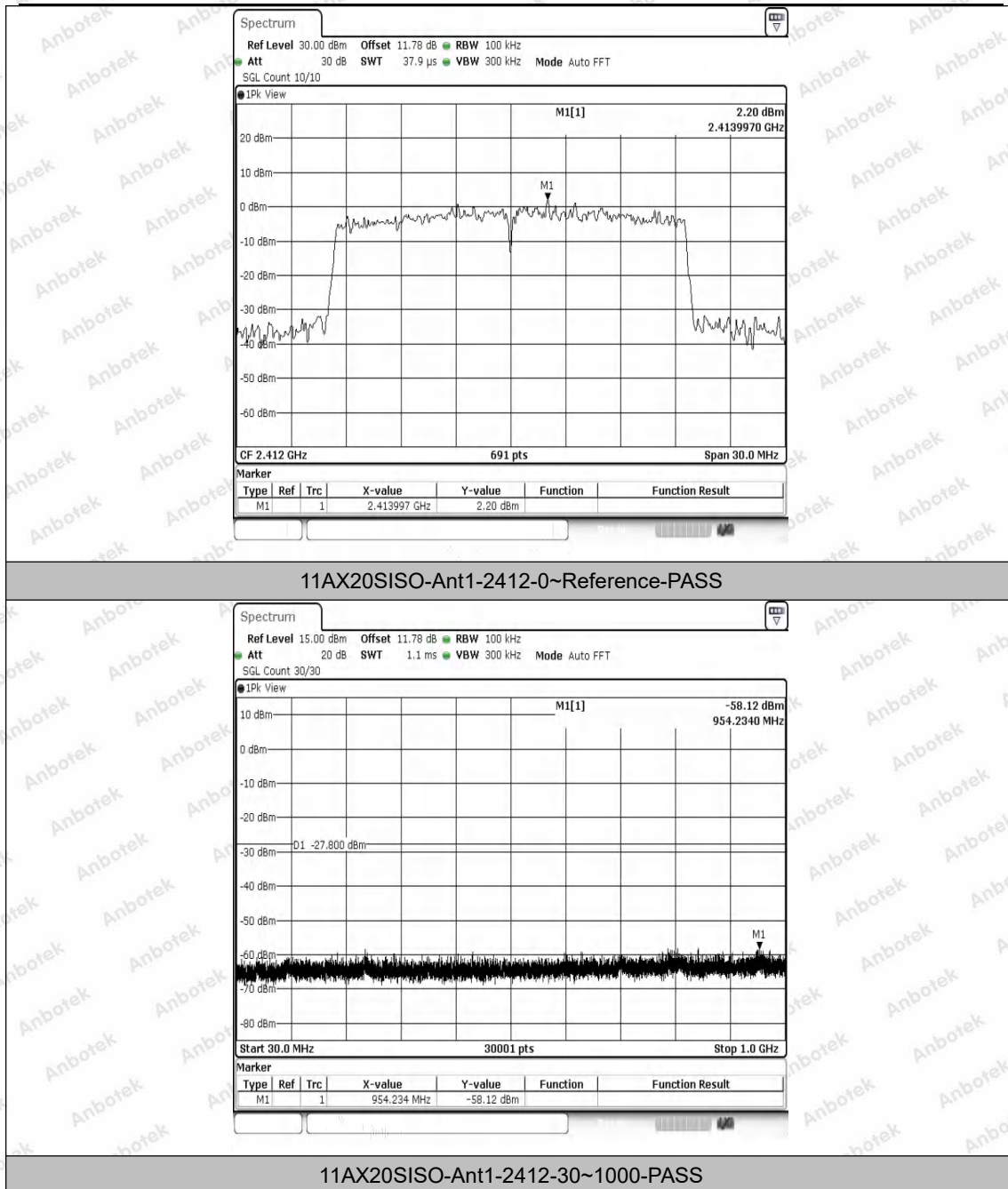
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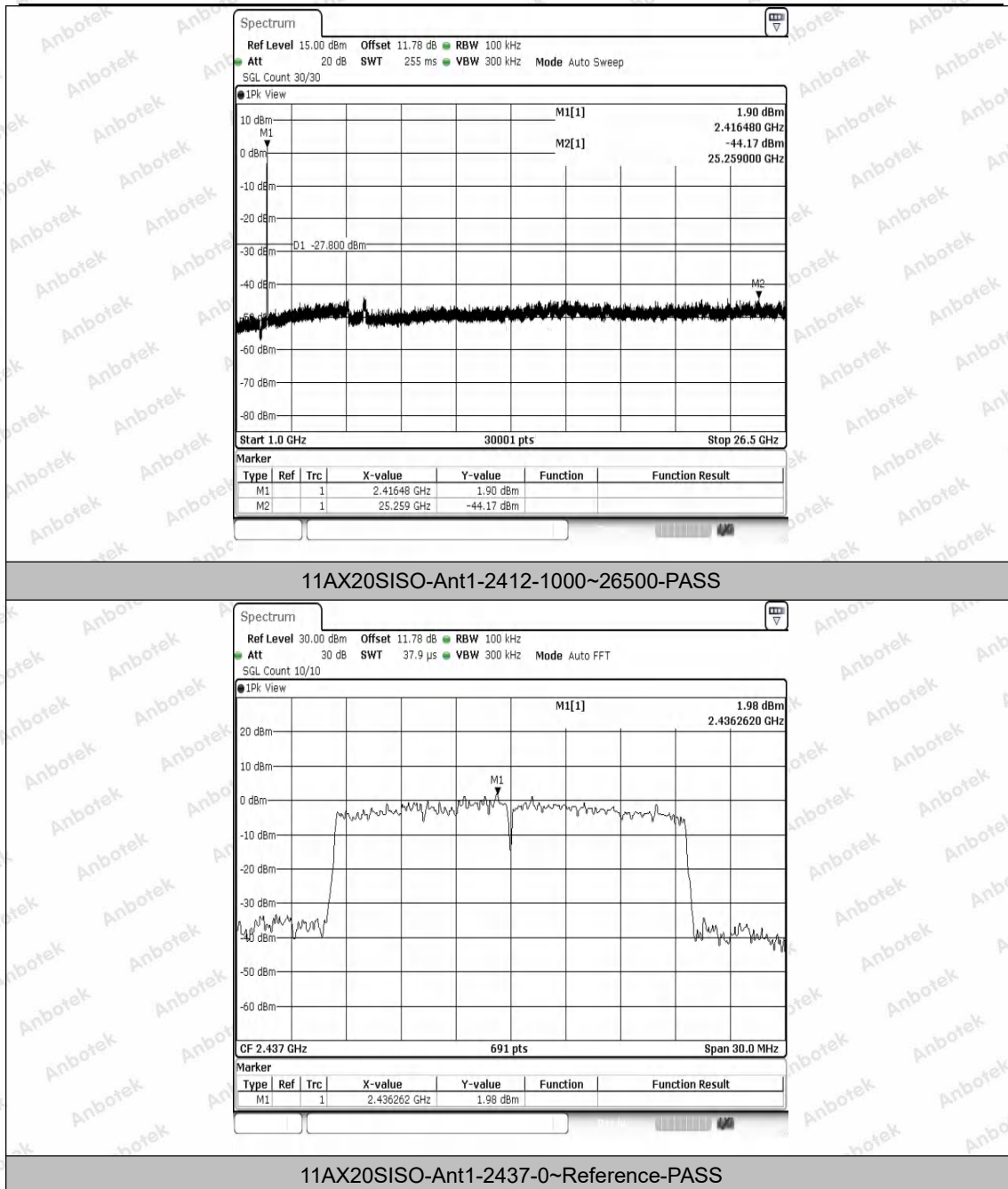
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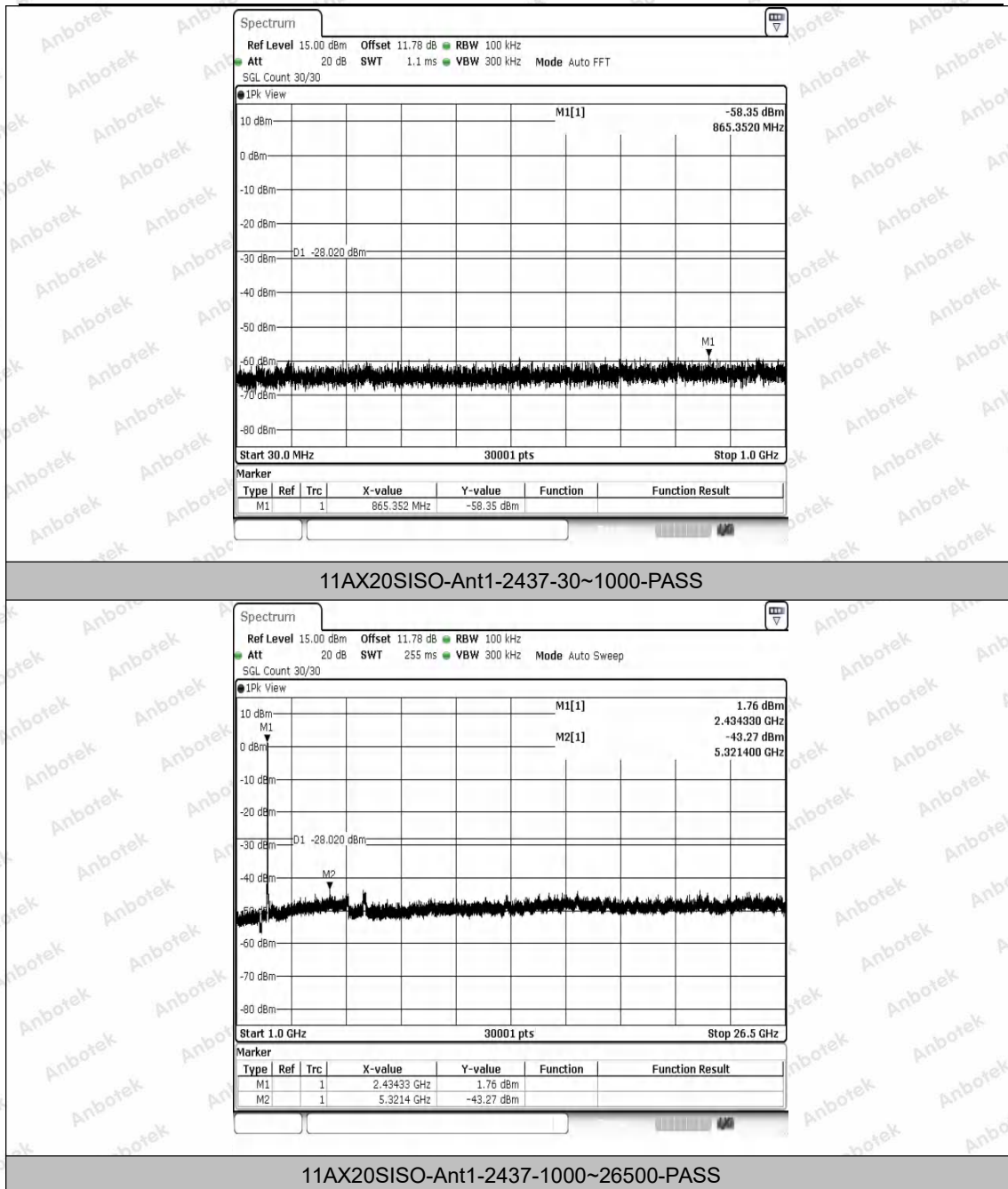
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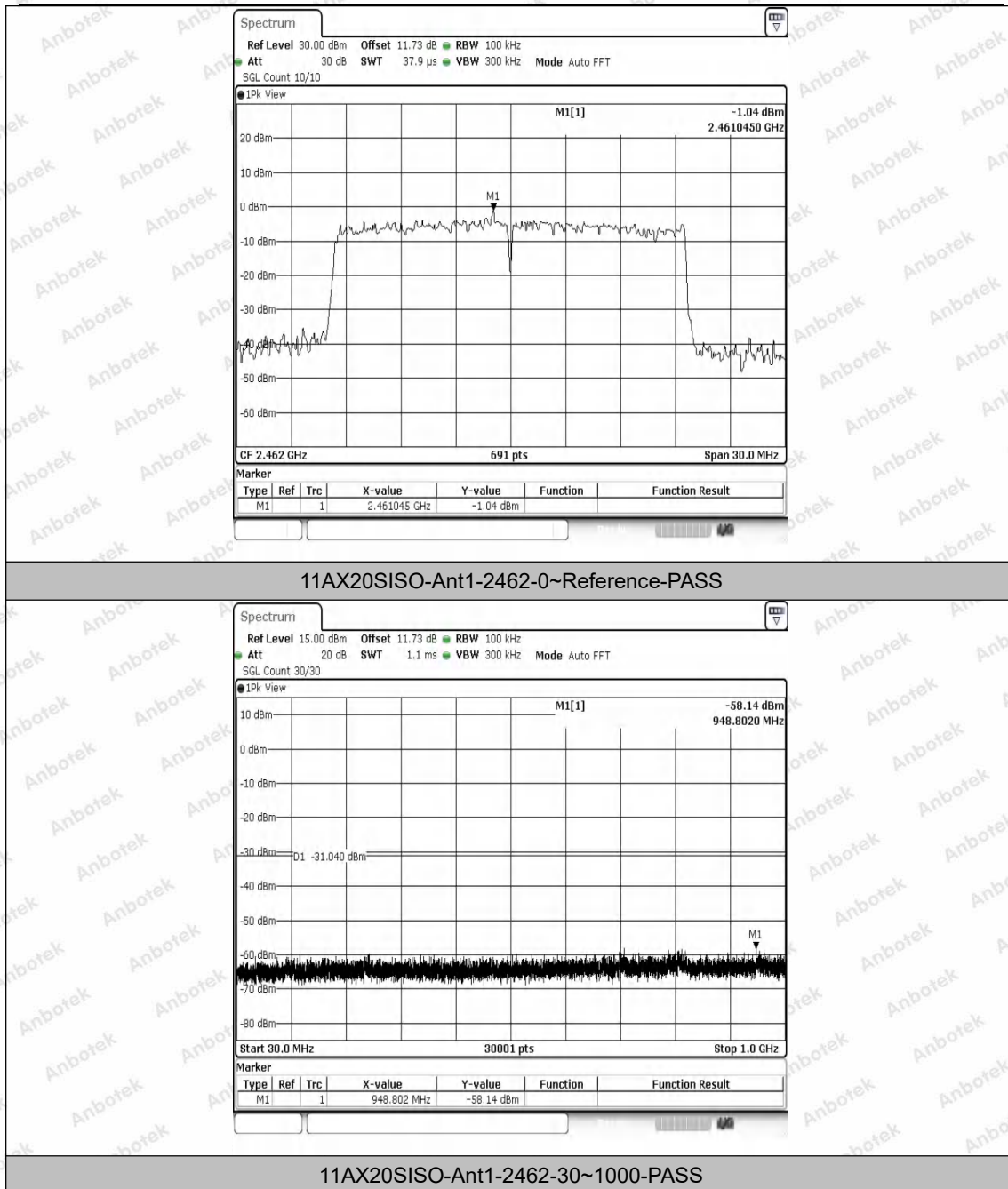
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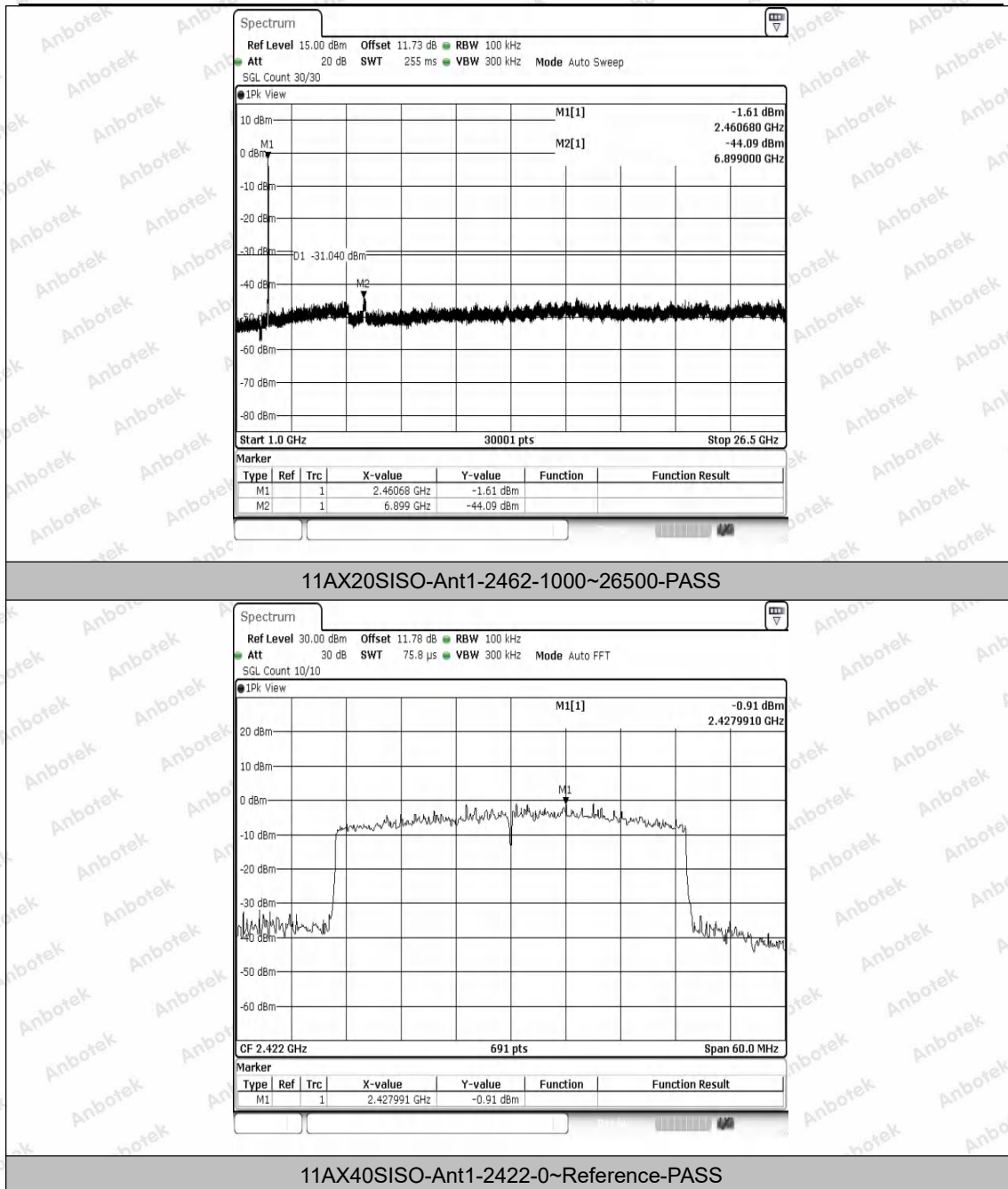
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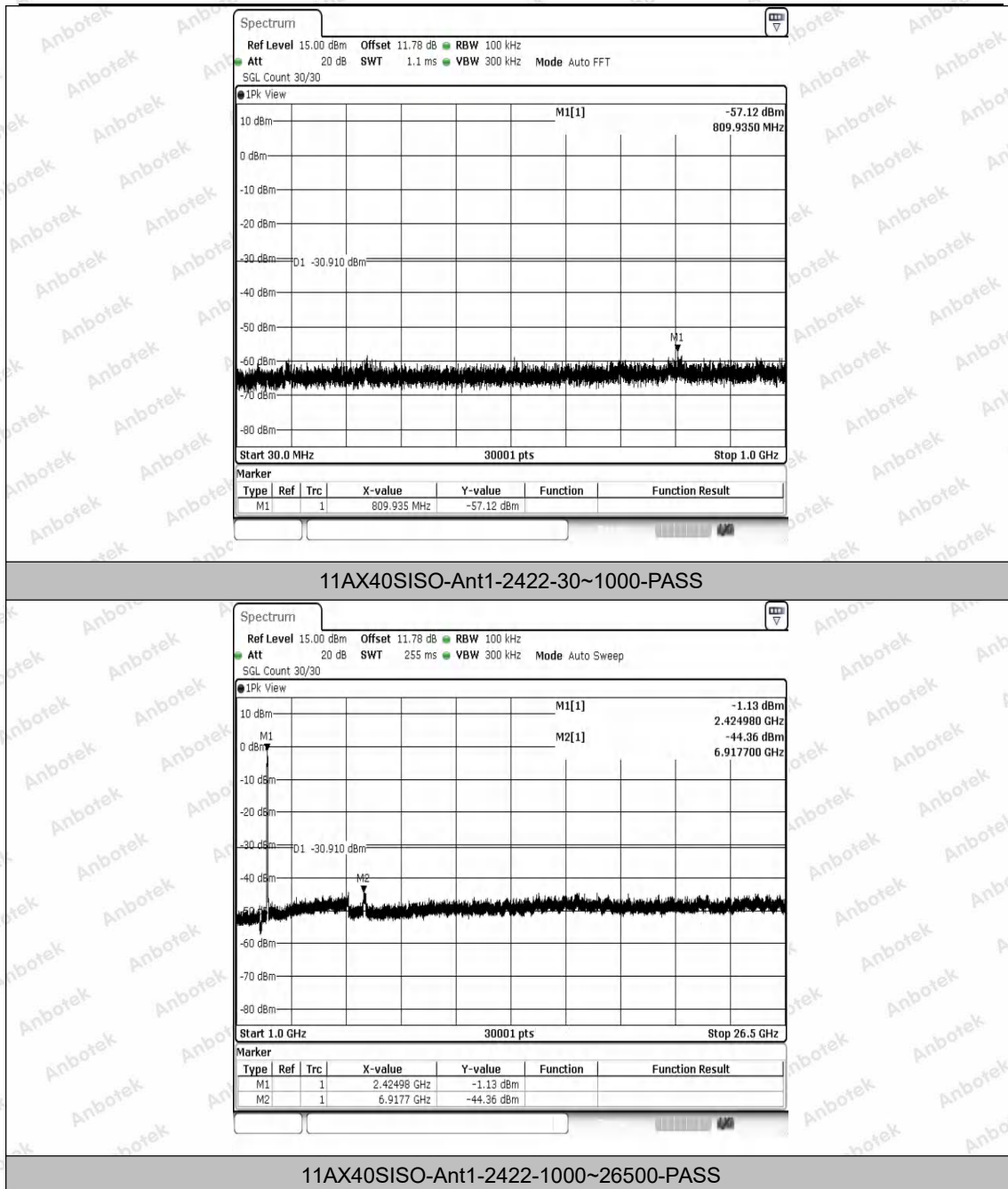
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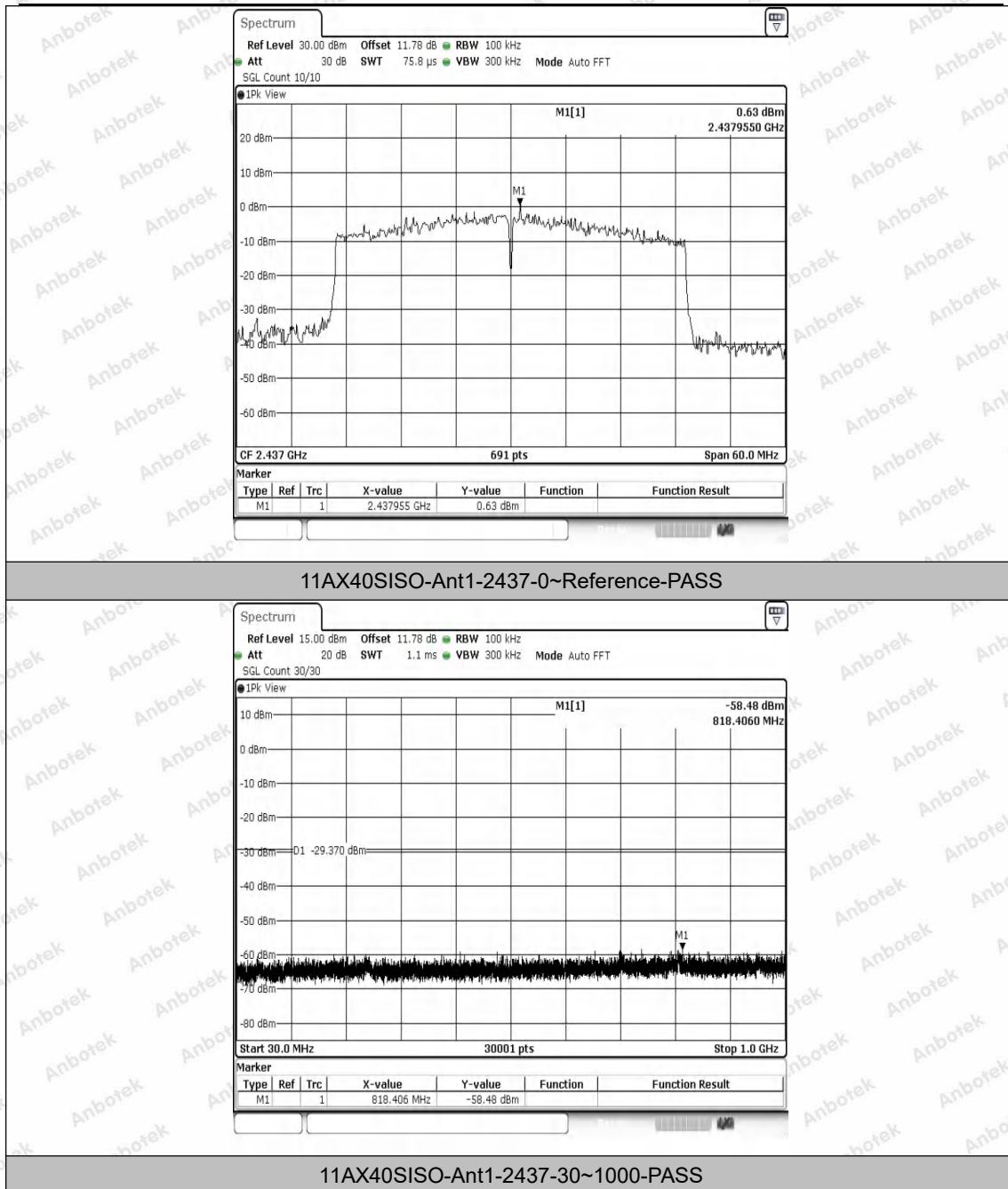
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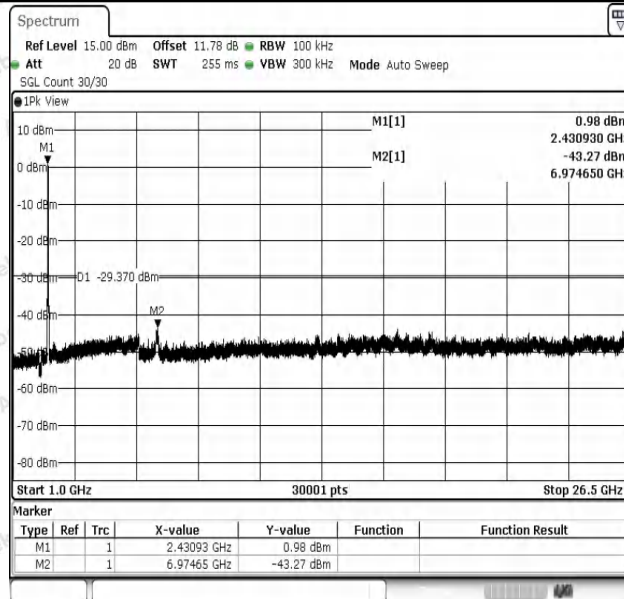
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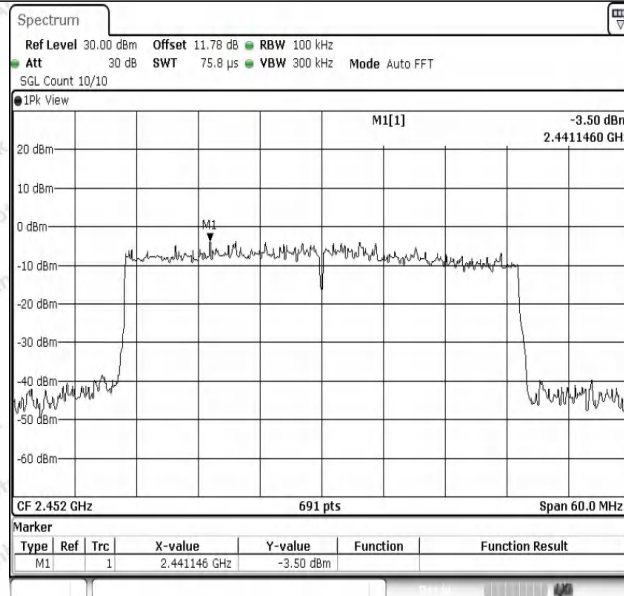


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11AX40SISO-Ant1-2437-1000~26500-PASS



11AX40SISO-Ant1-2452-0~Reference-PASS

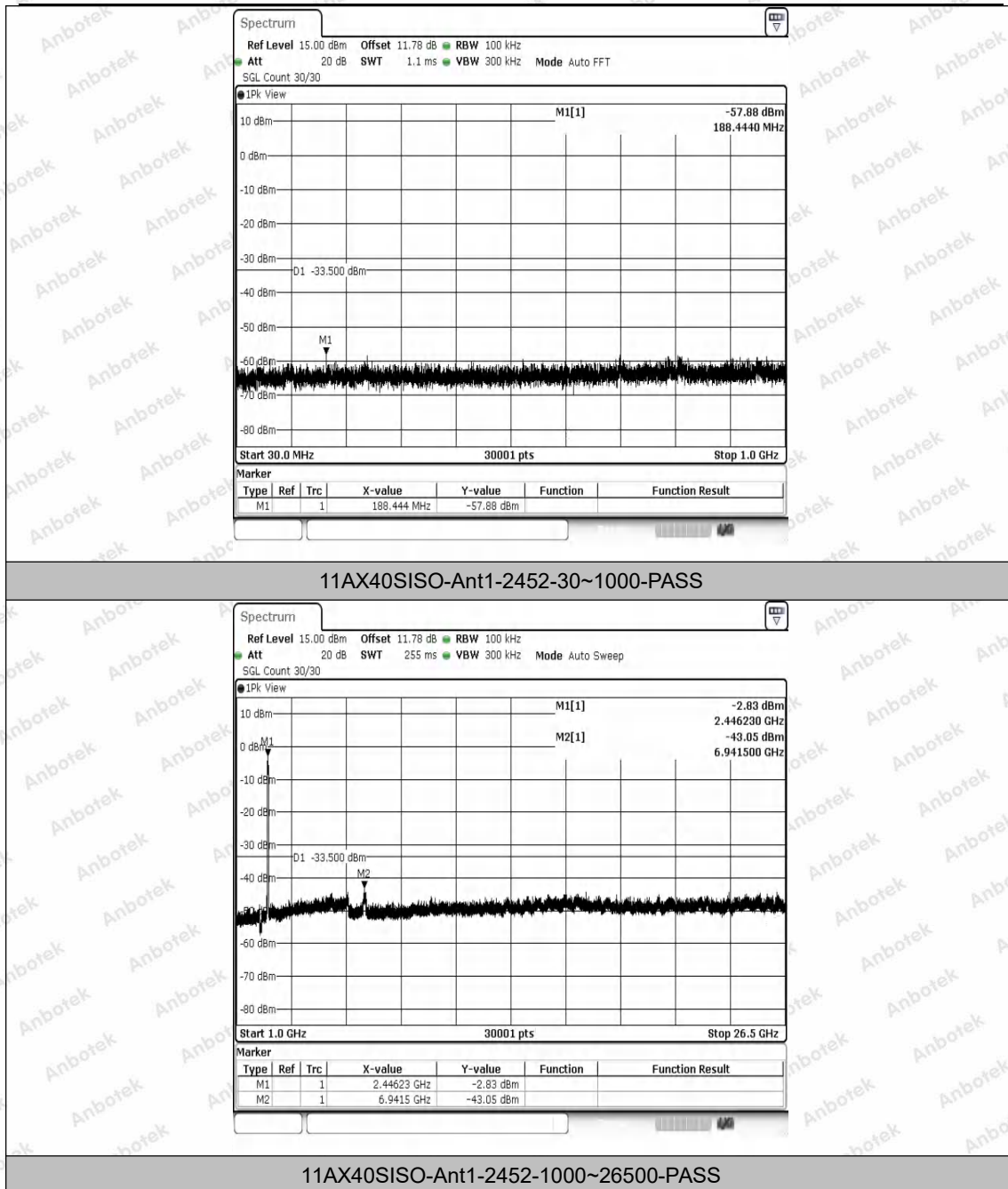
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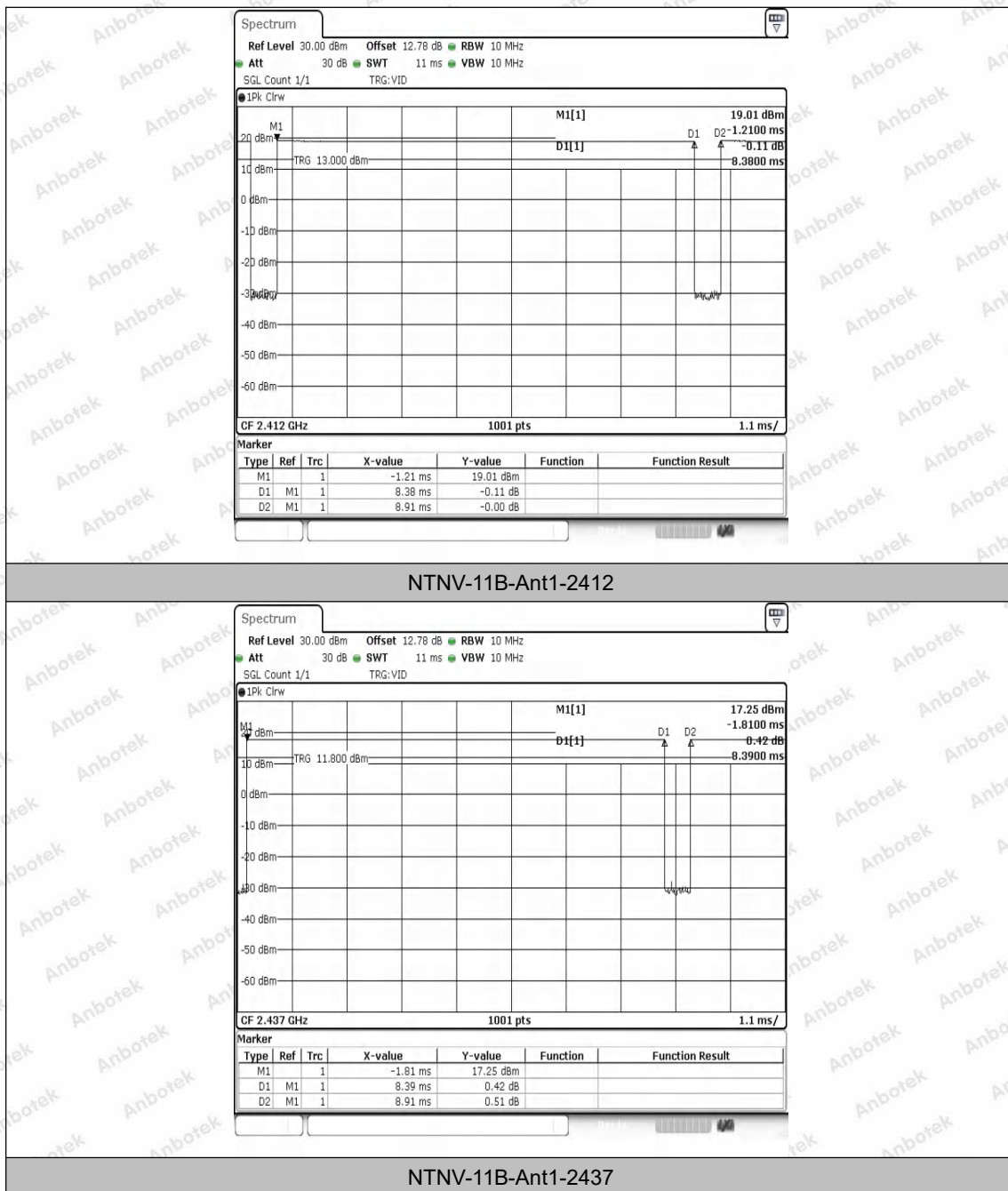
Appendix H: Duty Cycle

Test Result

TestMode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2412	8.38	8.91	94.05	0.27
11B	Ant1	2437	8.39	8.91	94.16	0.26
11B	Ant1	2462	8.39	8.91	94.16	0.26
11G	Ant1	2412	1.39	1.91	72.77	1.38
11G	Ant1	2437	1.40	1.89	74.07	1.30
11G	Ant1	2462	1.40	1.94	72.16	1.42
11N20SISO	Ant1	2412	1.30	1.84	70.65	1.51
11N20SISO	Ant1	2437	1.30	1.83	71.04	1.48
11N20SISO	Ant1	2462	1.30	1.90	68.42	1.65
11N40SISO	Ant1	2422	0.64	1.18	54.24	2.66
11N40SISO	Ant1	2437	0.64	1.18	54.24	2.66
11N40SISO	Ant1	2452	0.64	1.18	54.24	2.66
11AX20SISO	Ant1	2412	1.01	1.55	65.16	1.86
11AX20SISO	Ant1	2437	1.02	1.56	65.38	1.85
11AX20SISO	Ant1	2462	1.02	1.56	65.38	1.85
11AX40SISO	Ant1	2422	0.53	1.07	49.53	3.05
11AX40SISO	Ant1	2437	0.53	1.08	49.07	3.09
11AX40SISO	Ant1	2452	0.53	1.07	49.53	3.05



Test Graphs



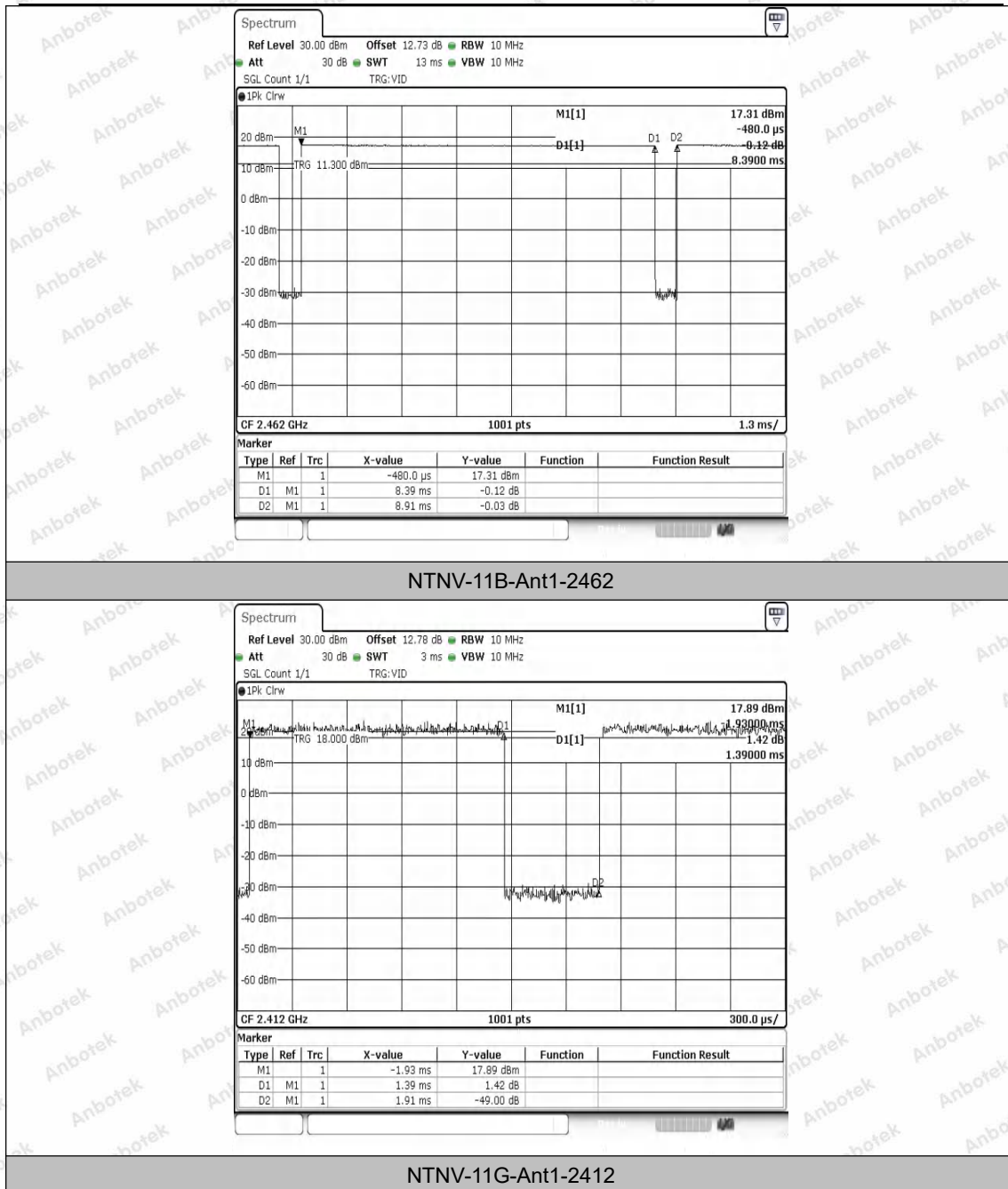
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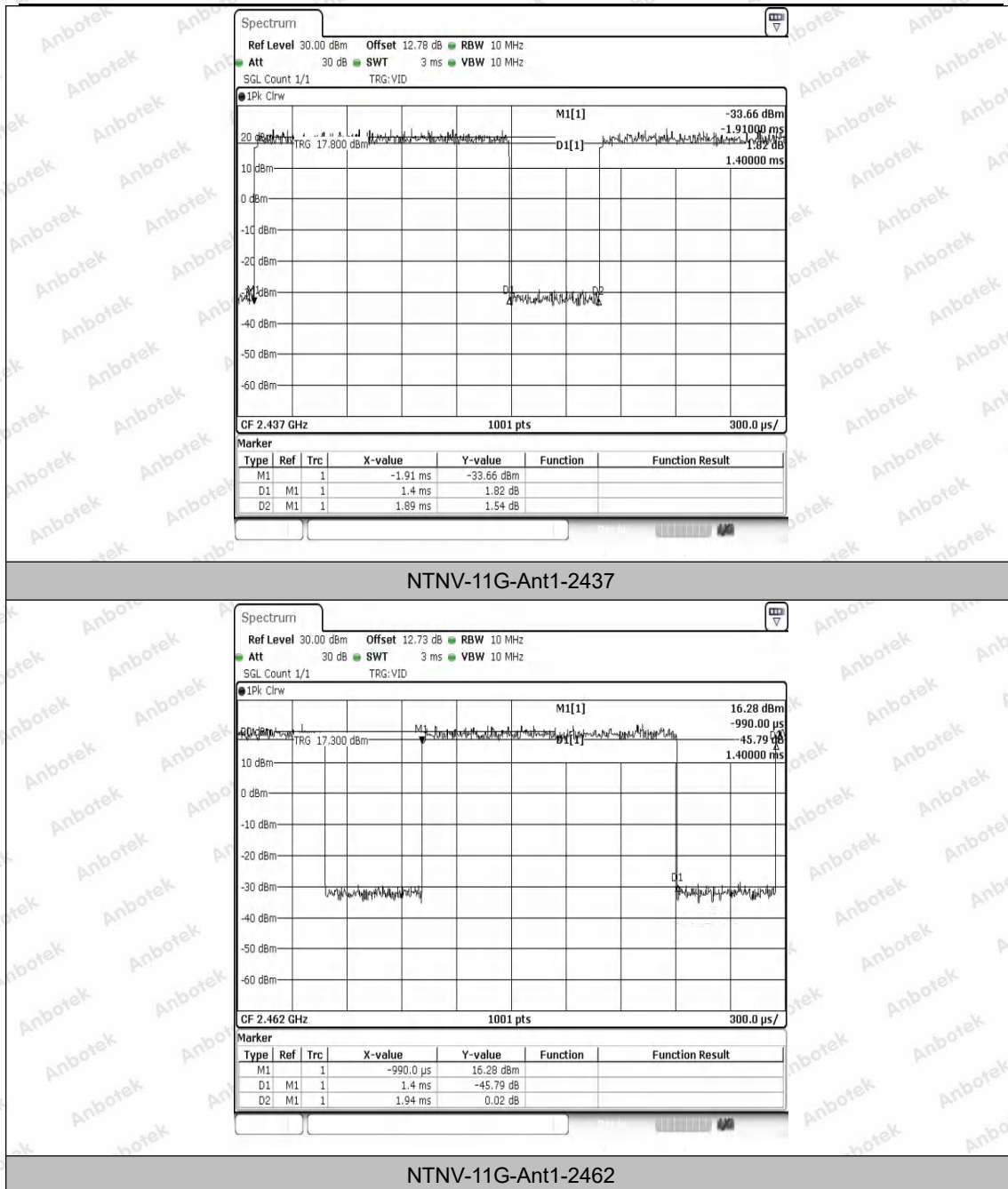
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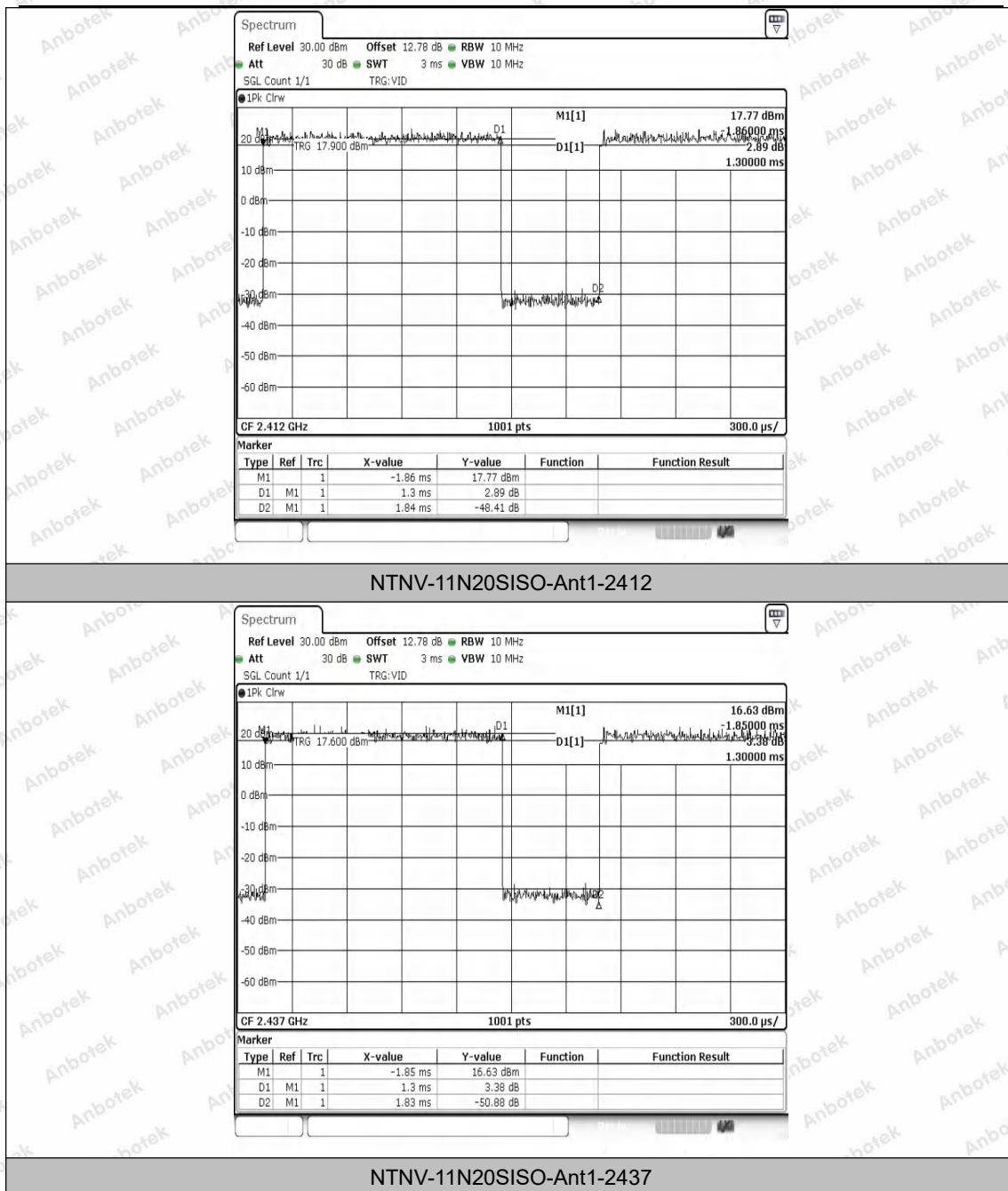
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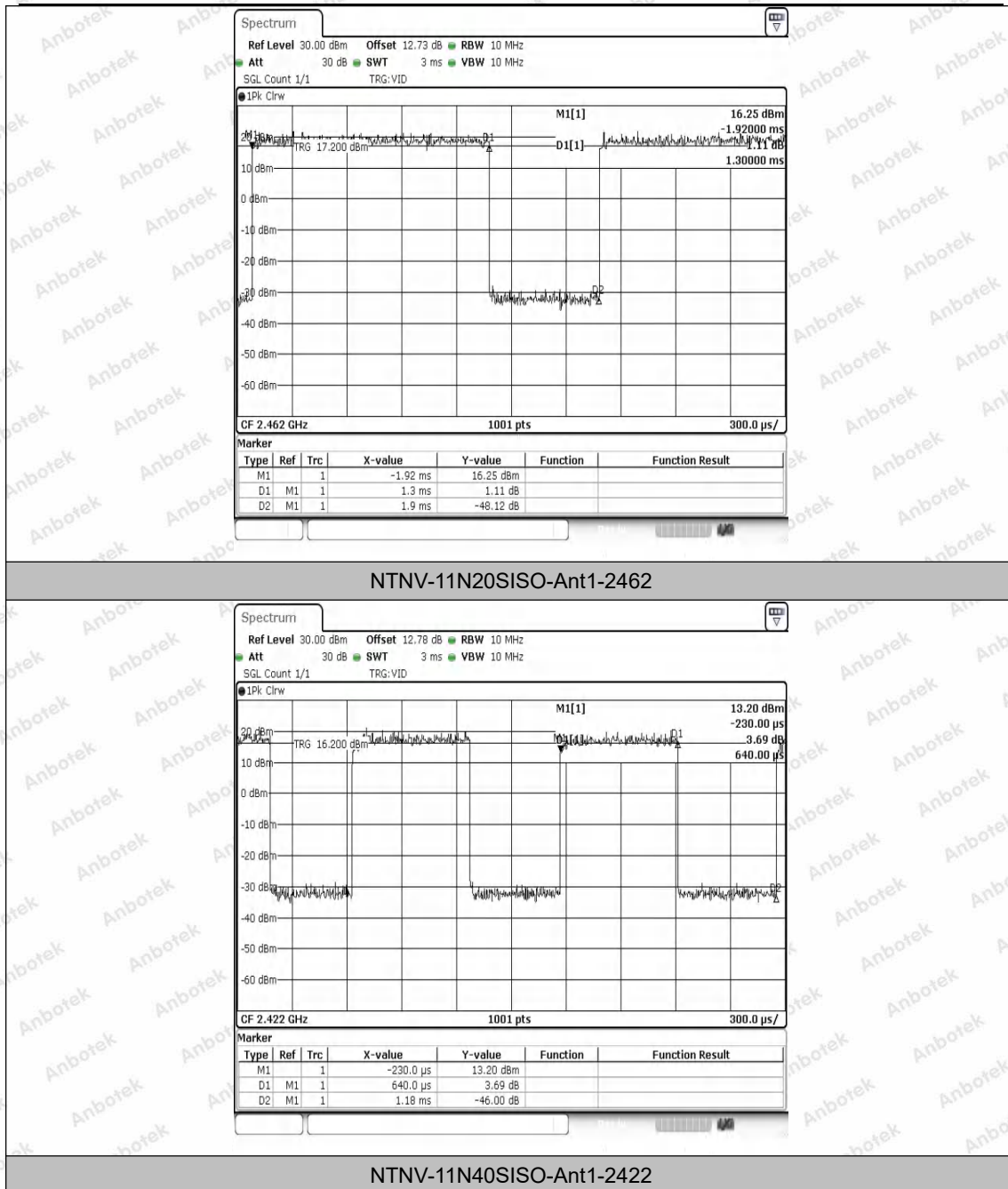
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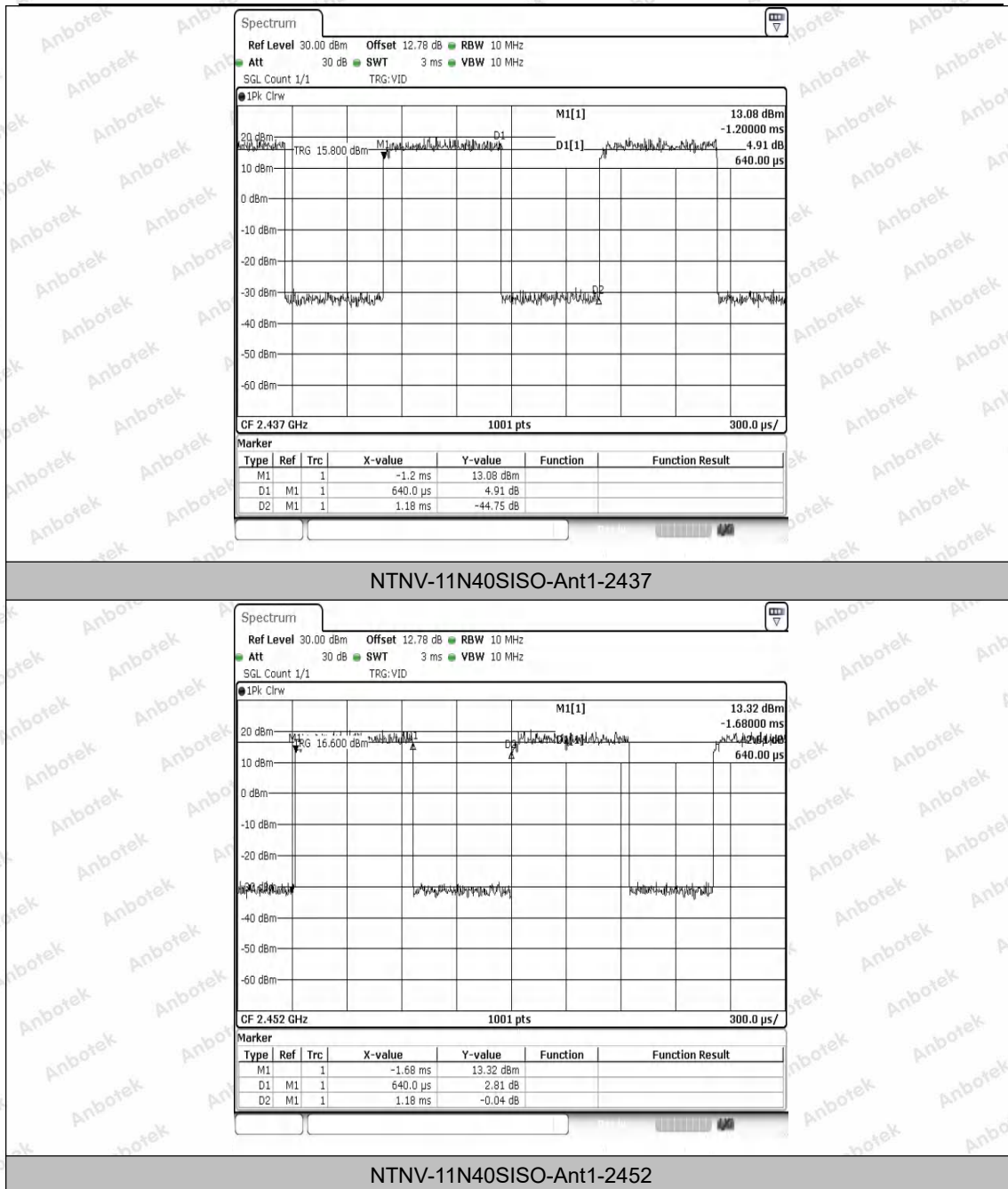
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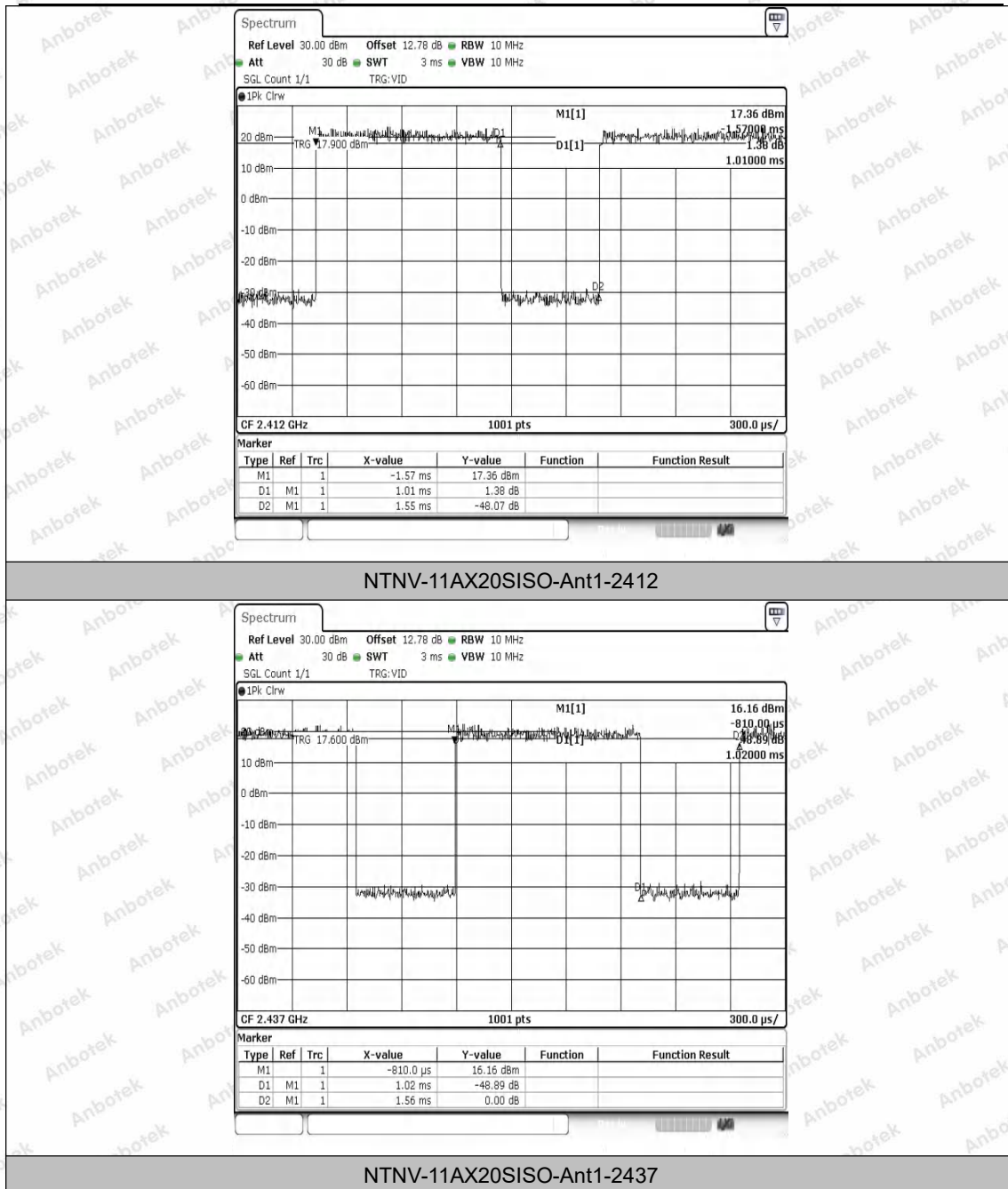
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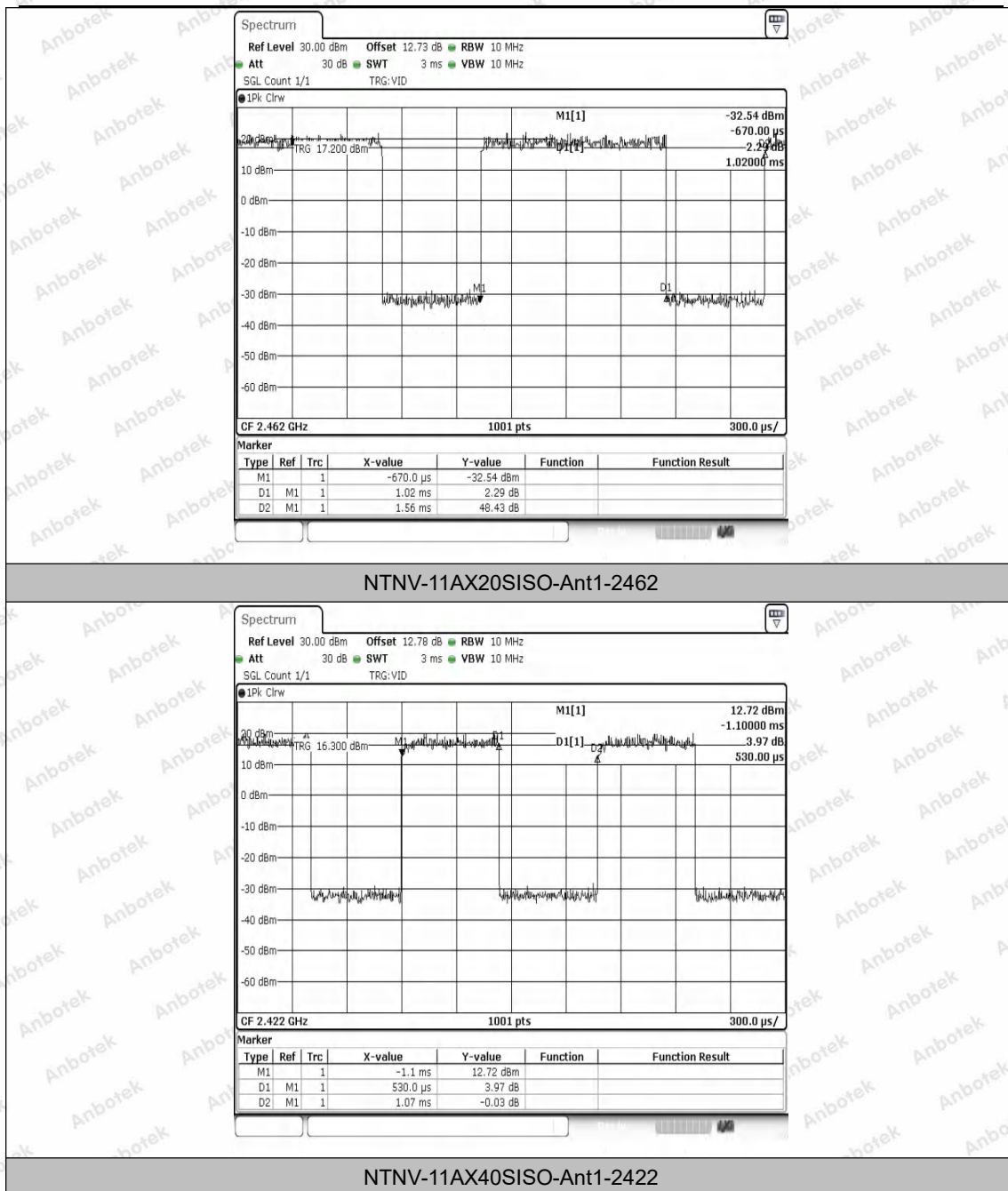
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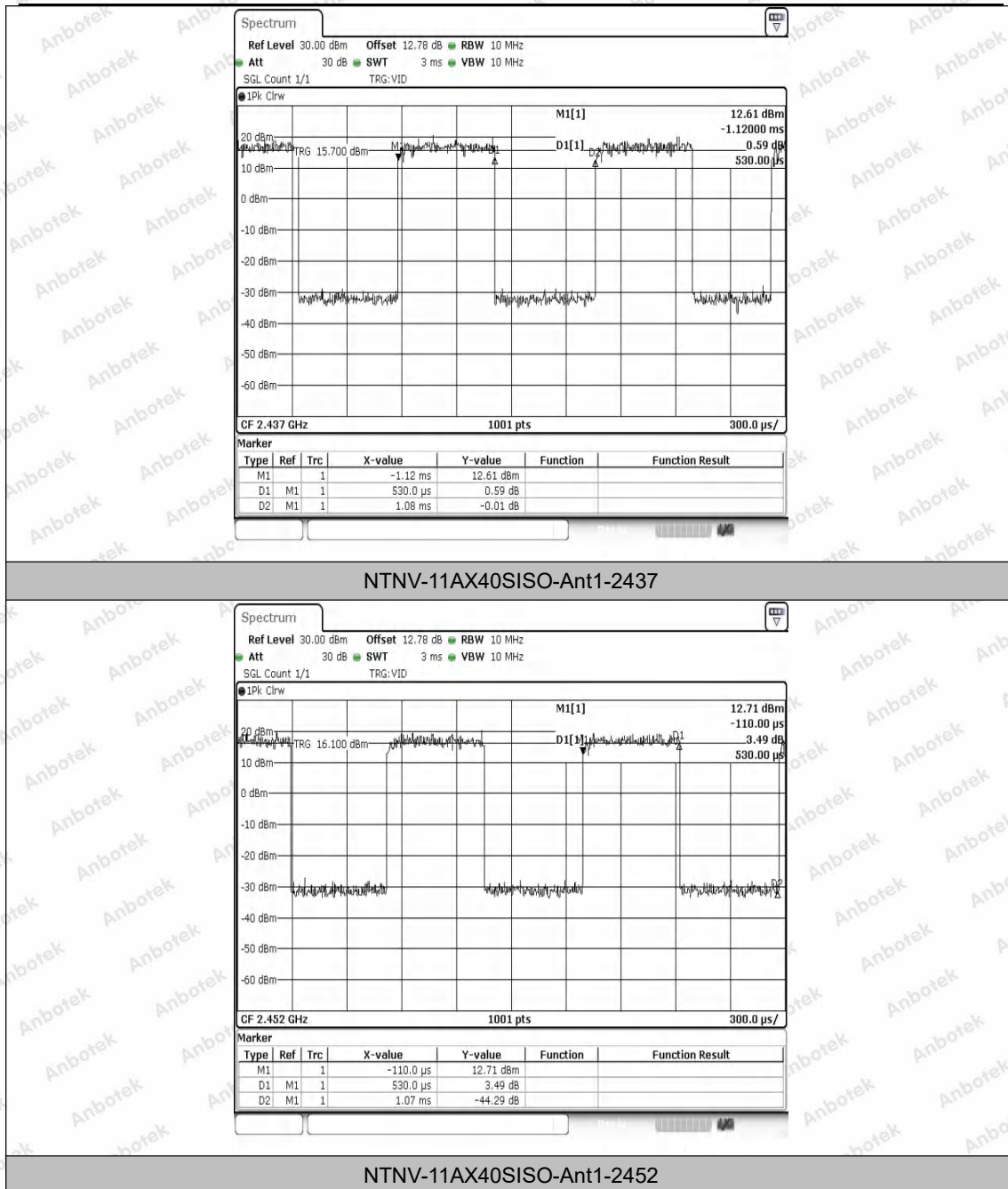
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