

Appendix Test Data

Report No.:	1812C40131012502	Test Sample No.:	1-2-2
Start Test Date:	2024.11.7	Finish Test Date:	2024.11.22
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	23.4℃	Relative Humidity:	51%
Pressure:	101kPa		

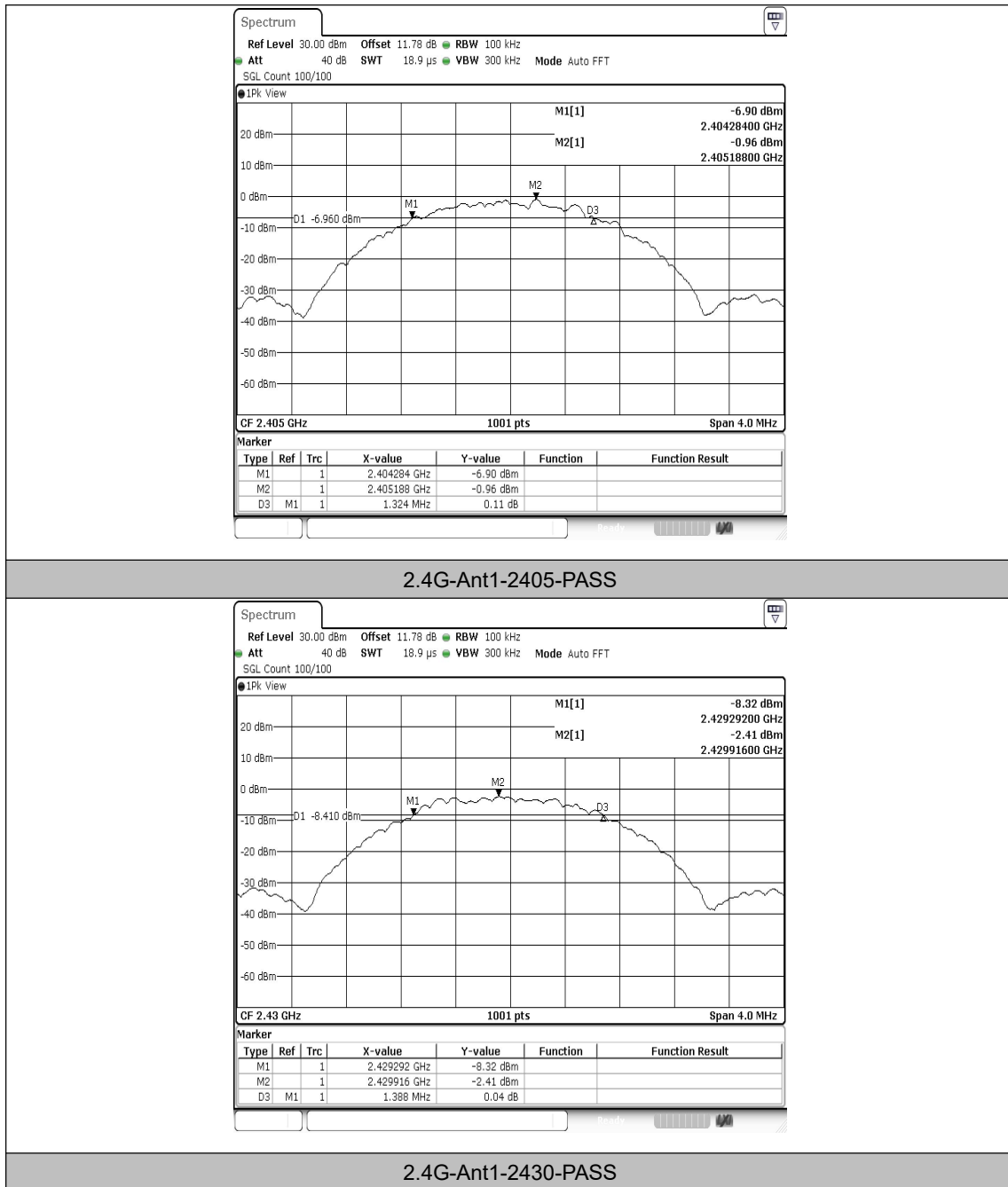
Appendix A: 6dB Bandwidth

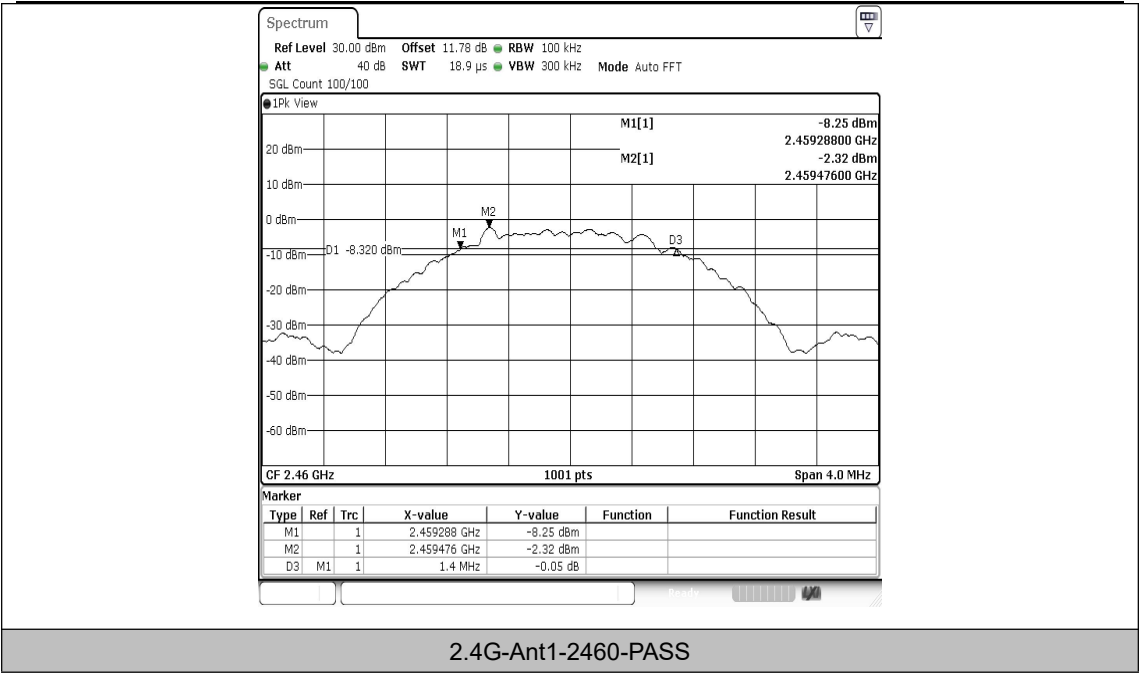
Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2405	1.32	2404.28	2405.61	0.5	PASS
2.4G	Ant1	2430	1.39	2429.29	2430.68	0.5	PASS
2.4G	Ant1	2460	1.40	2459.29	2460.69	0.5	PASS



Test Graphs





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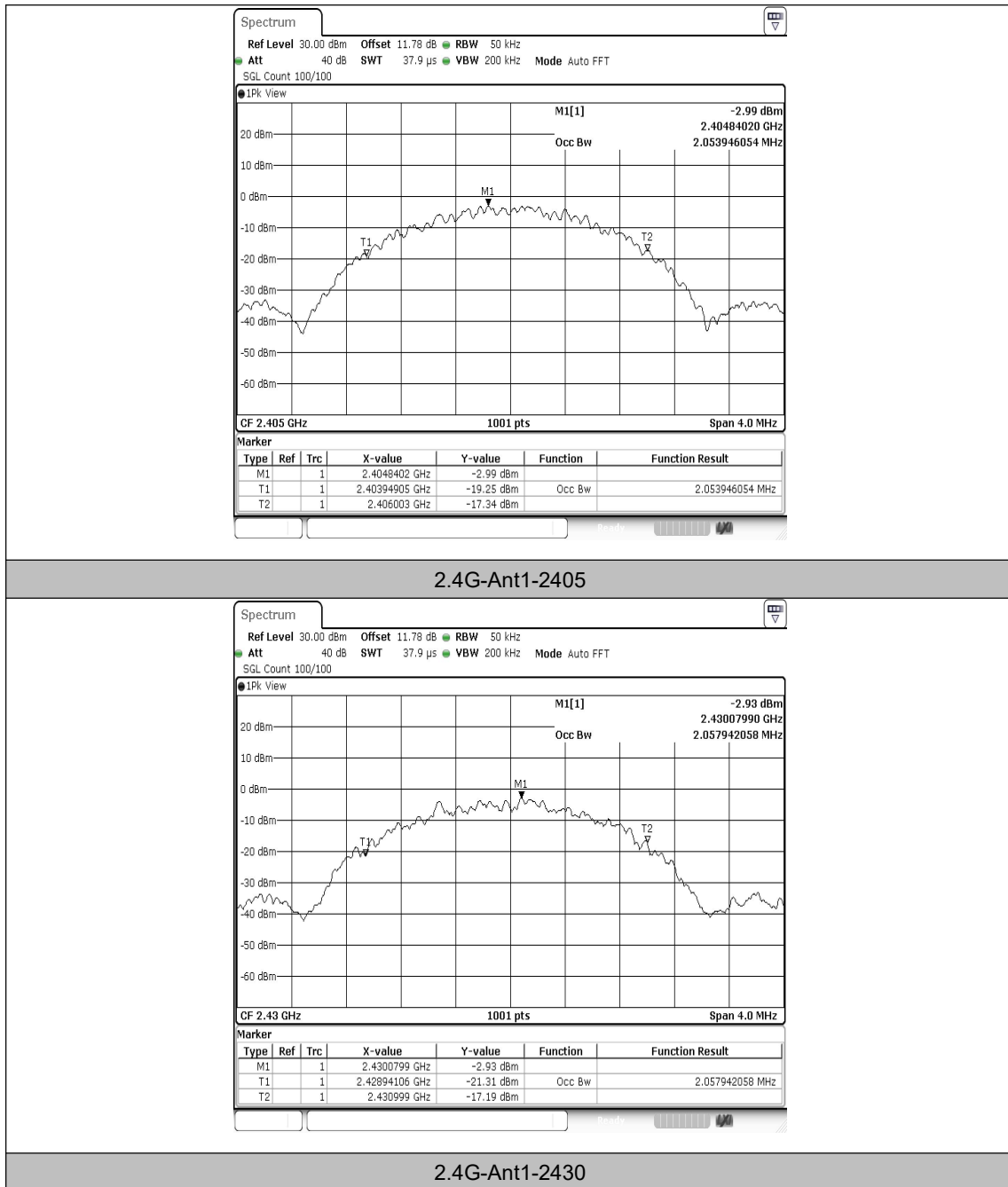
Appendix B: 99% Occupied Bandwidth

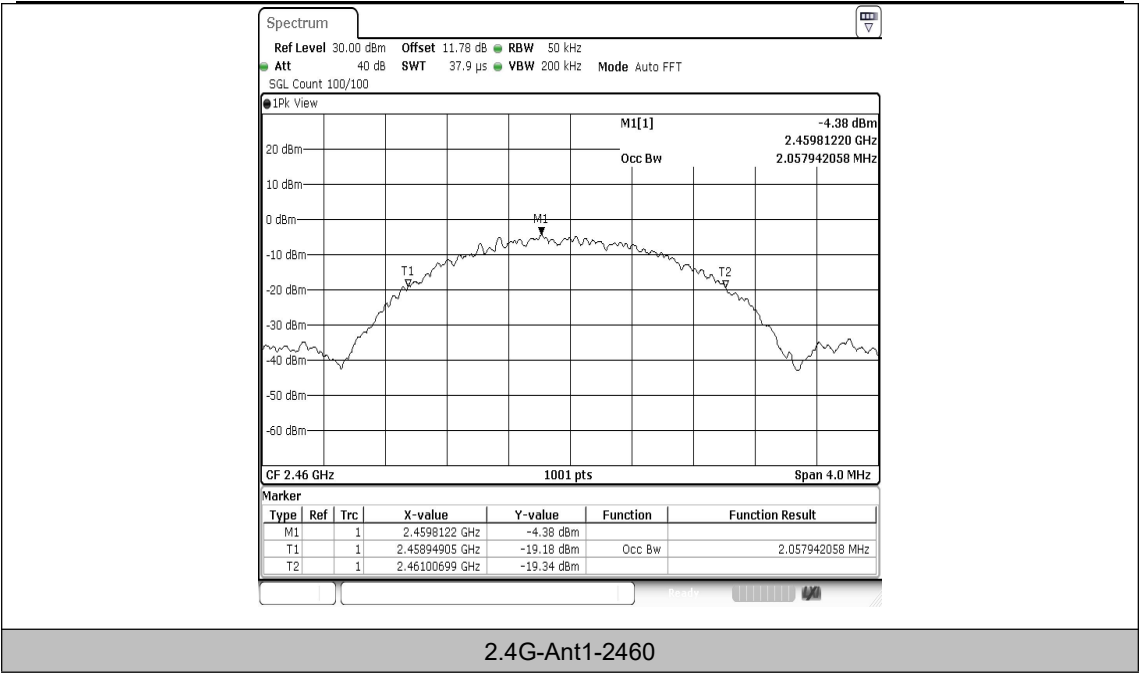
Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2405	2.054	2403.9491	2406.0030	---	---
2.4G	Ant1	2430	2.058	2428.9411	2430.9990	---	---
2.4G	Ant1	2460	2.058	2458.9491	2461.0070	---	---



Test Graphs





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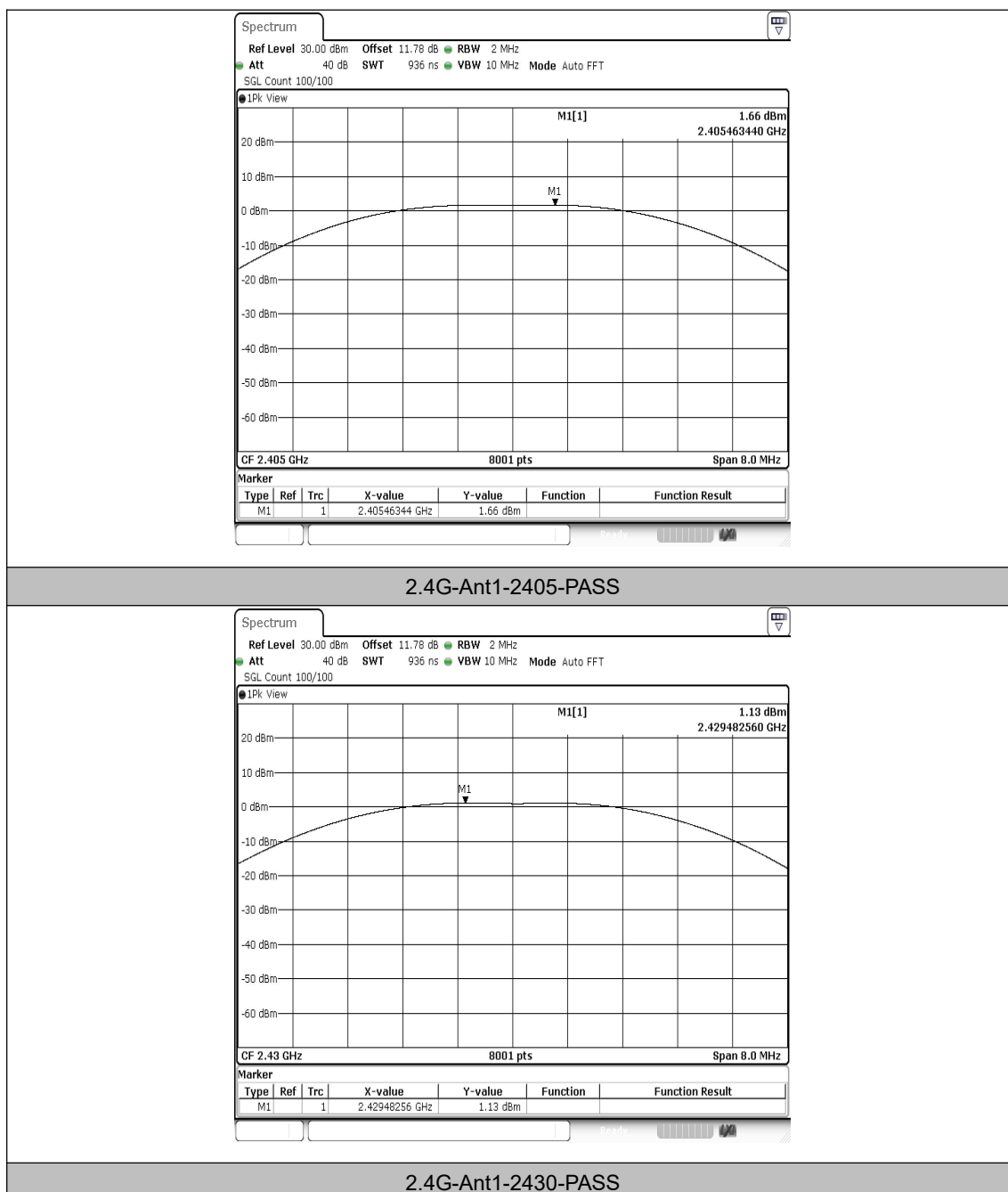


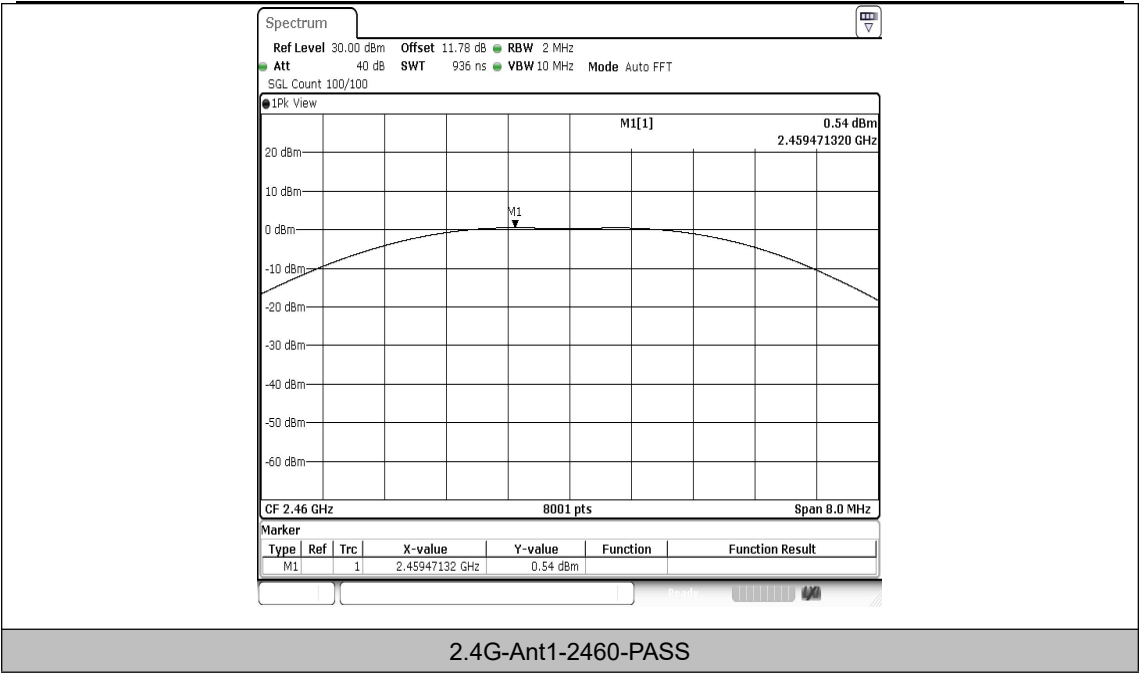
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2405	1.66	≤30	PASS
2.4G	Ant1	2430	1.13	≤30	PASS
2.4G	Ant1	2460	0.54	≤30	PASS

Test Graphs Peak





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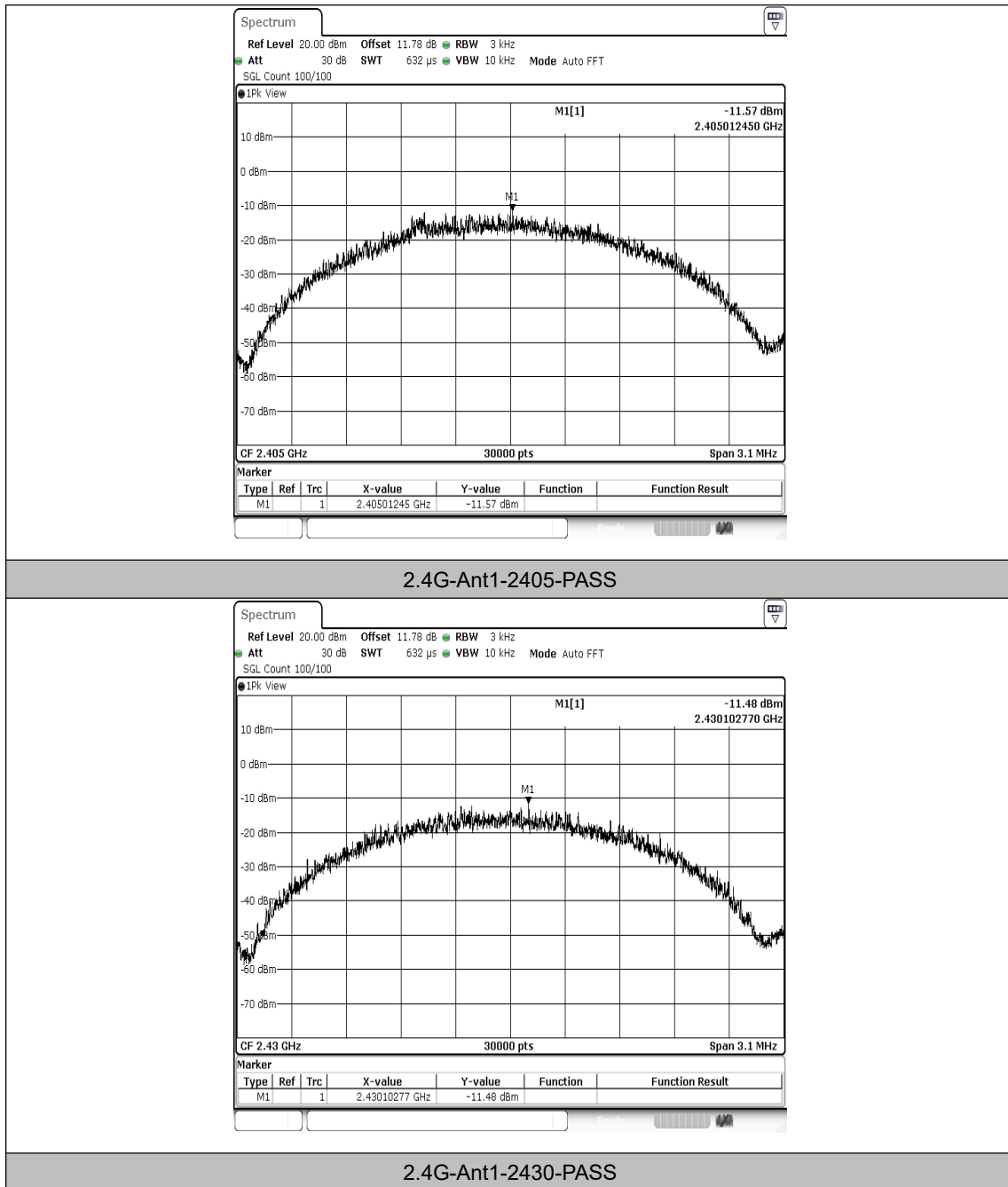
Appendix D: Maximum power spectral density

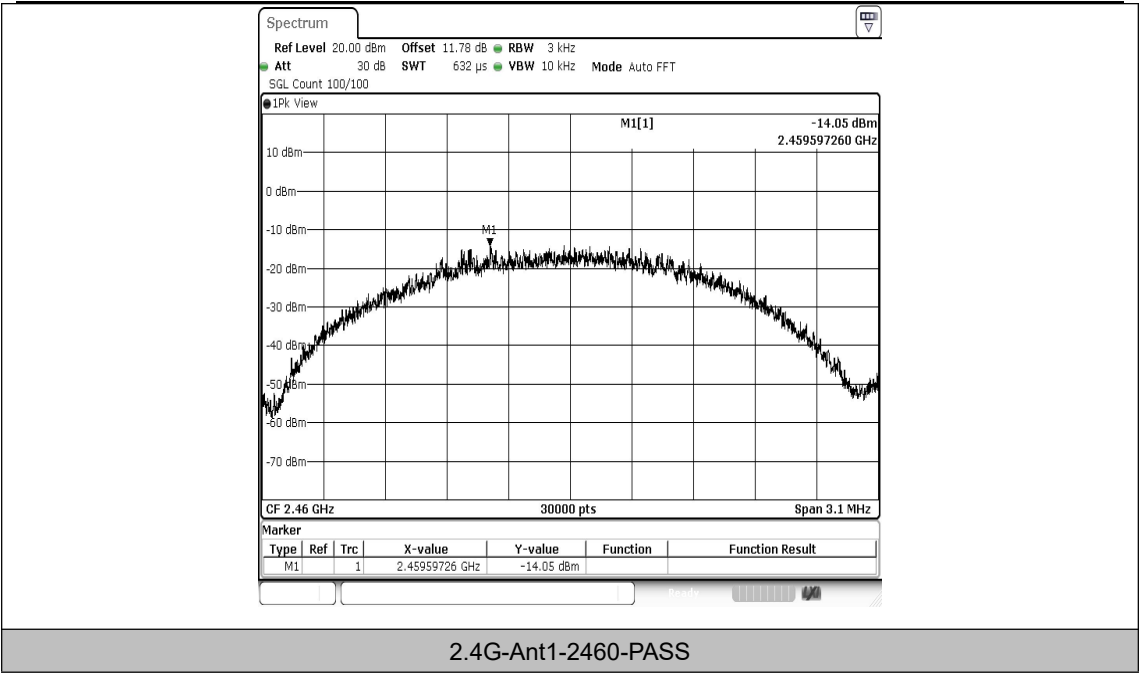
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
2.4G	Ant1	2405	-11.57	≤8.00	PASS
2.4G	Ant1	2430	-11.48	≤8.00	PASS
2.4G	Ant1	2460	-14.05	≤8.00	PASS



Test Graphs





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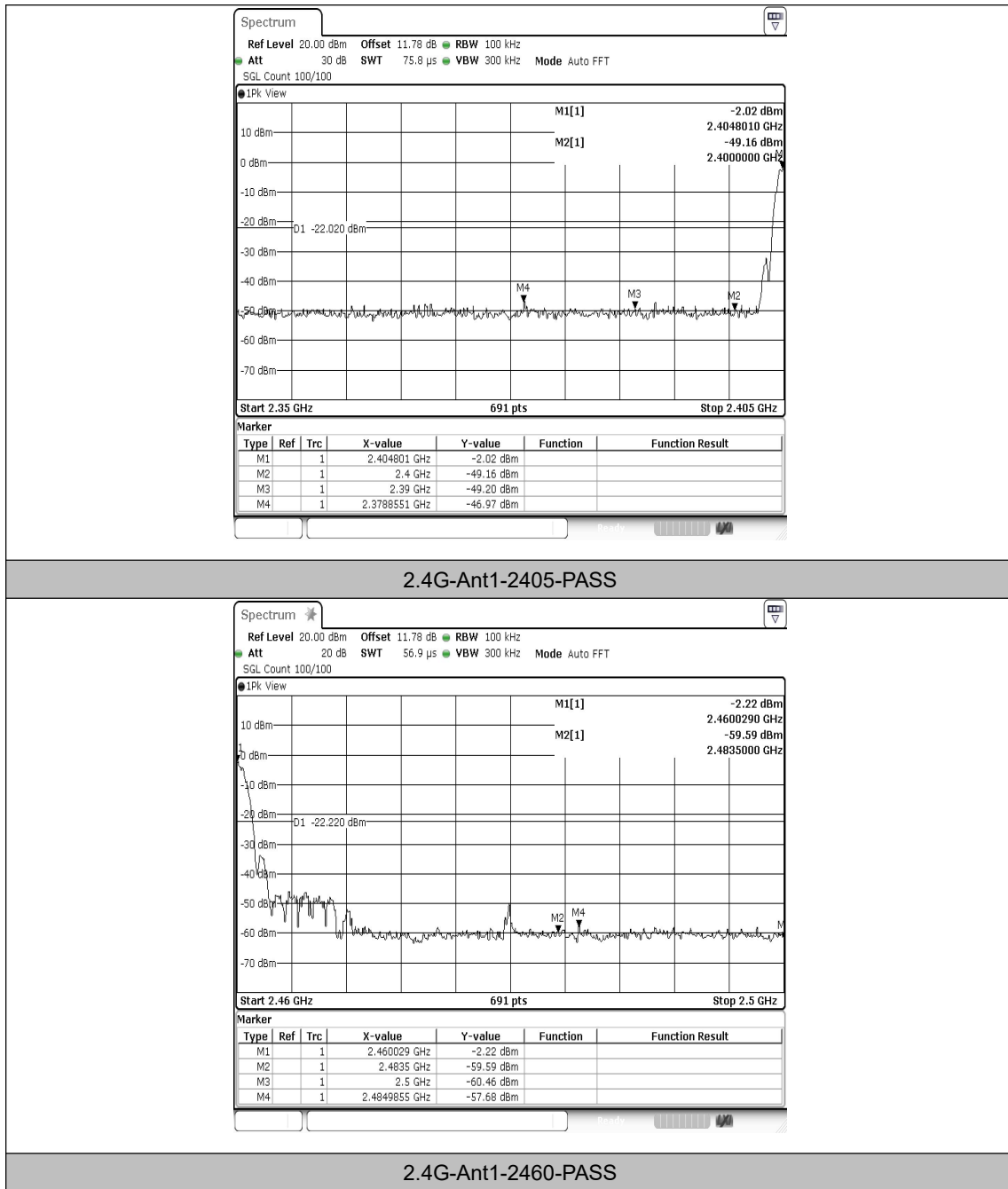
Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2405	-2.02	-46.97	≤-22.02	PASS
2.4G	Ant1	High	2460	-2.22	-57.68	≤-22.22	PASS



Test Graphs



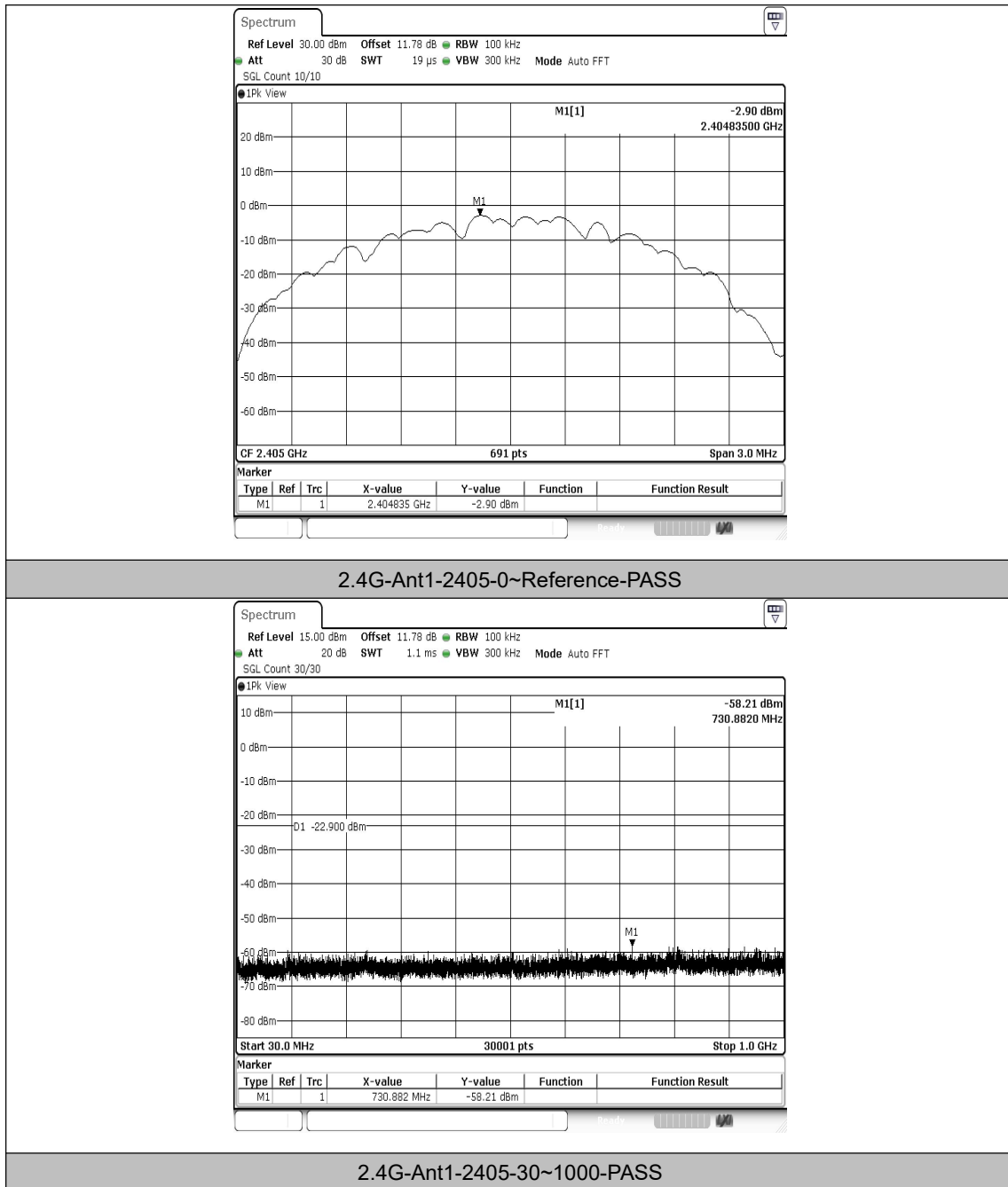
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2405	0~Reference	-2.90	-2.90	---	PASS
2.4G	Ant1	2405	30~1000	-2.90	-58.21	≤-22.9	PASS
2.4G	Ant1	2405	1000~26500	-2.90	-43.74	≤-22.9	PASS
2.4G	Ant1	2430	0~Reference	-2.10	-2.10	---	PASS
2.4G	Ant1	2430	30~1000	-2.10	-57.2	≤-22.1	PASS
2.4G	Ant1	2430	1000~26500	-2.10	-43.71	≤-22.1	PASS
2.4G	Ant1	2460	0~Reference	-4.83	-4.83	---	PASS
2.4G	Ant1	2460	0~Reference	-4.30	-4.30	---	PASS
2.4G	Ant1	2460	30~1000	-4.30	-58.25	≤-24.3	PASS
2.4G	Ant1	2460	1000~26500	-4.30	-43.92	≤-24.3	PASS



Test Graphs



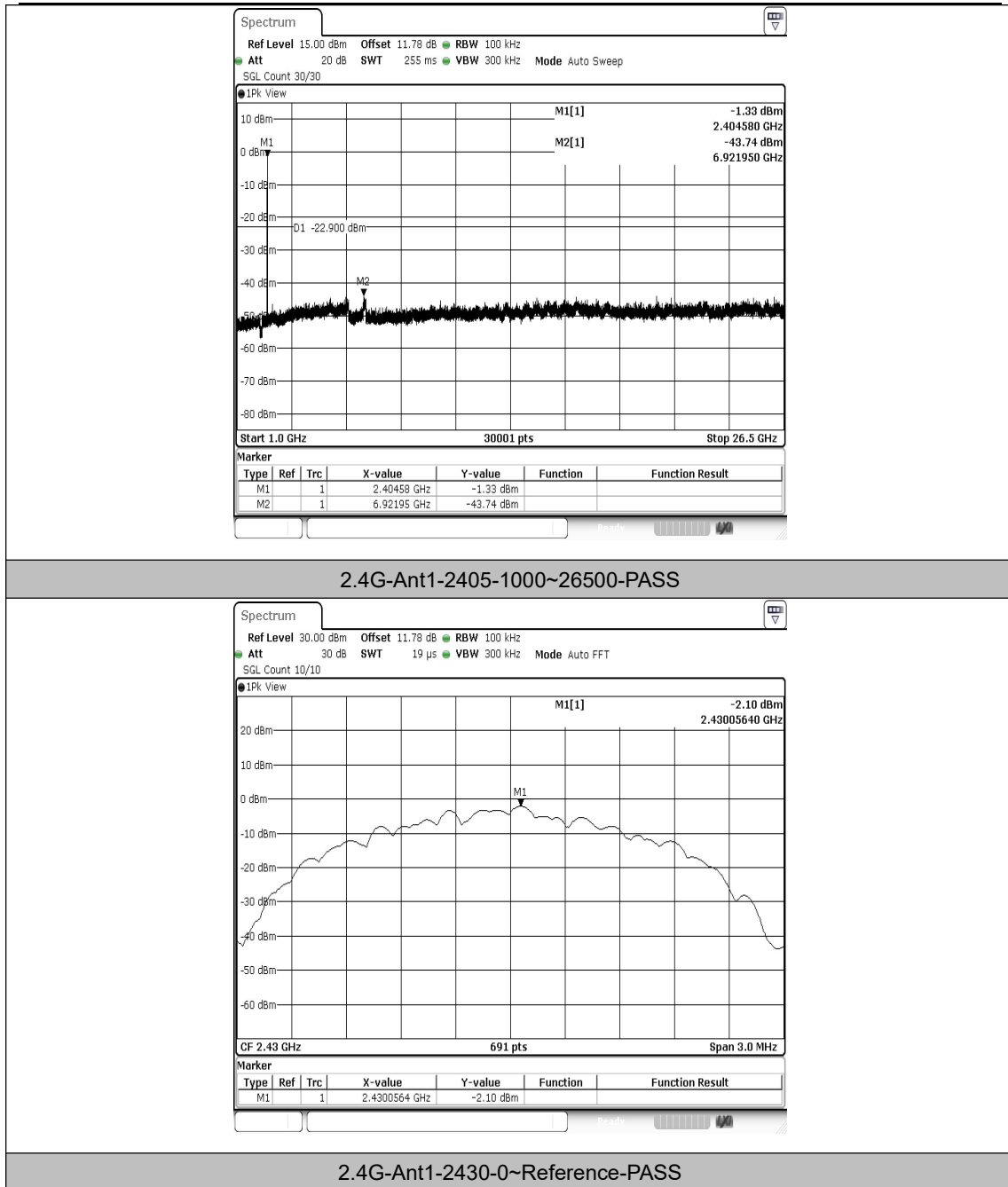
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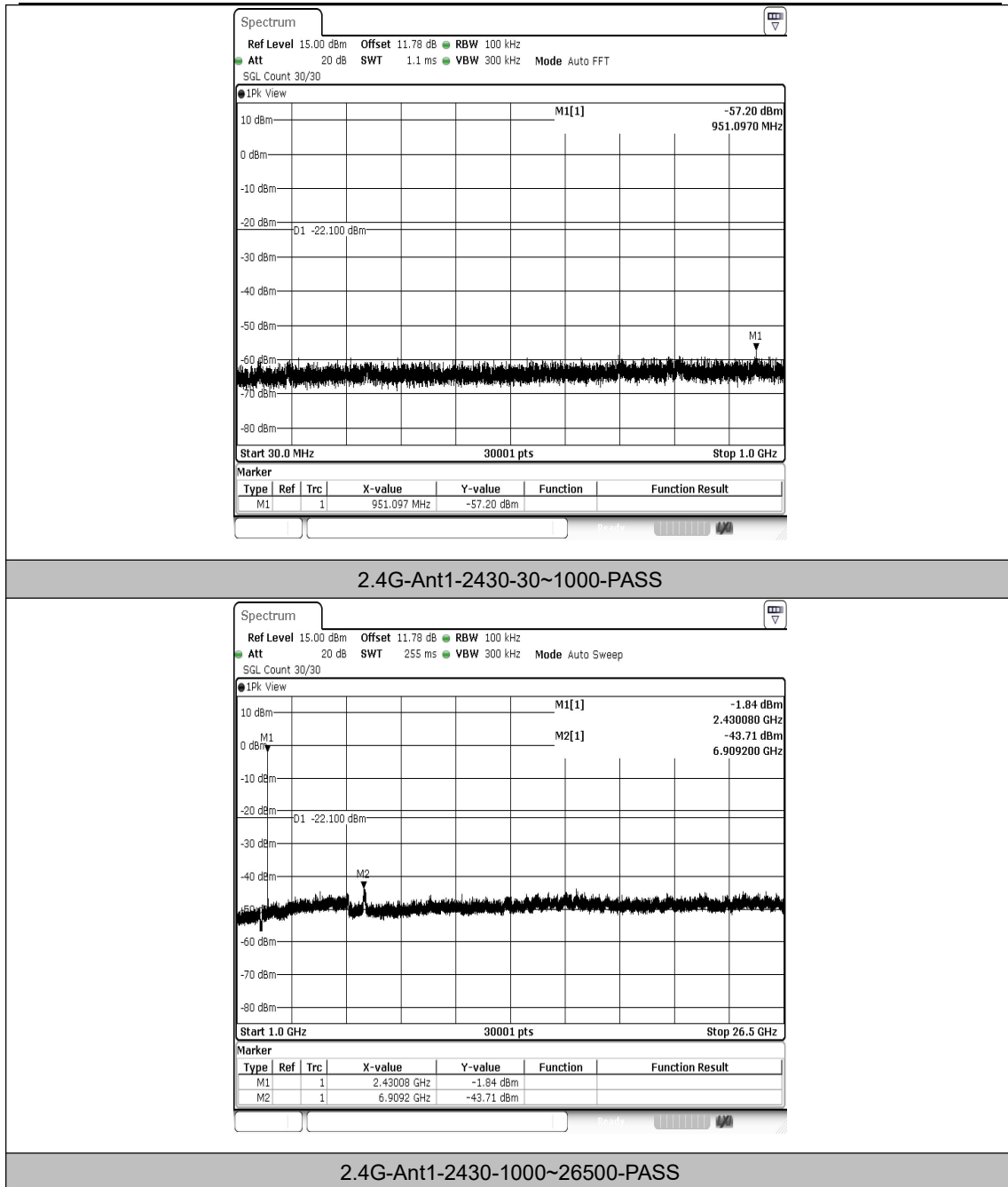
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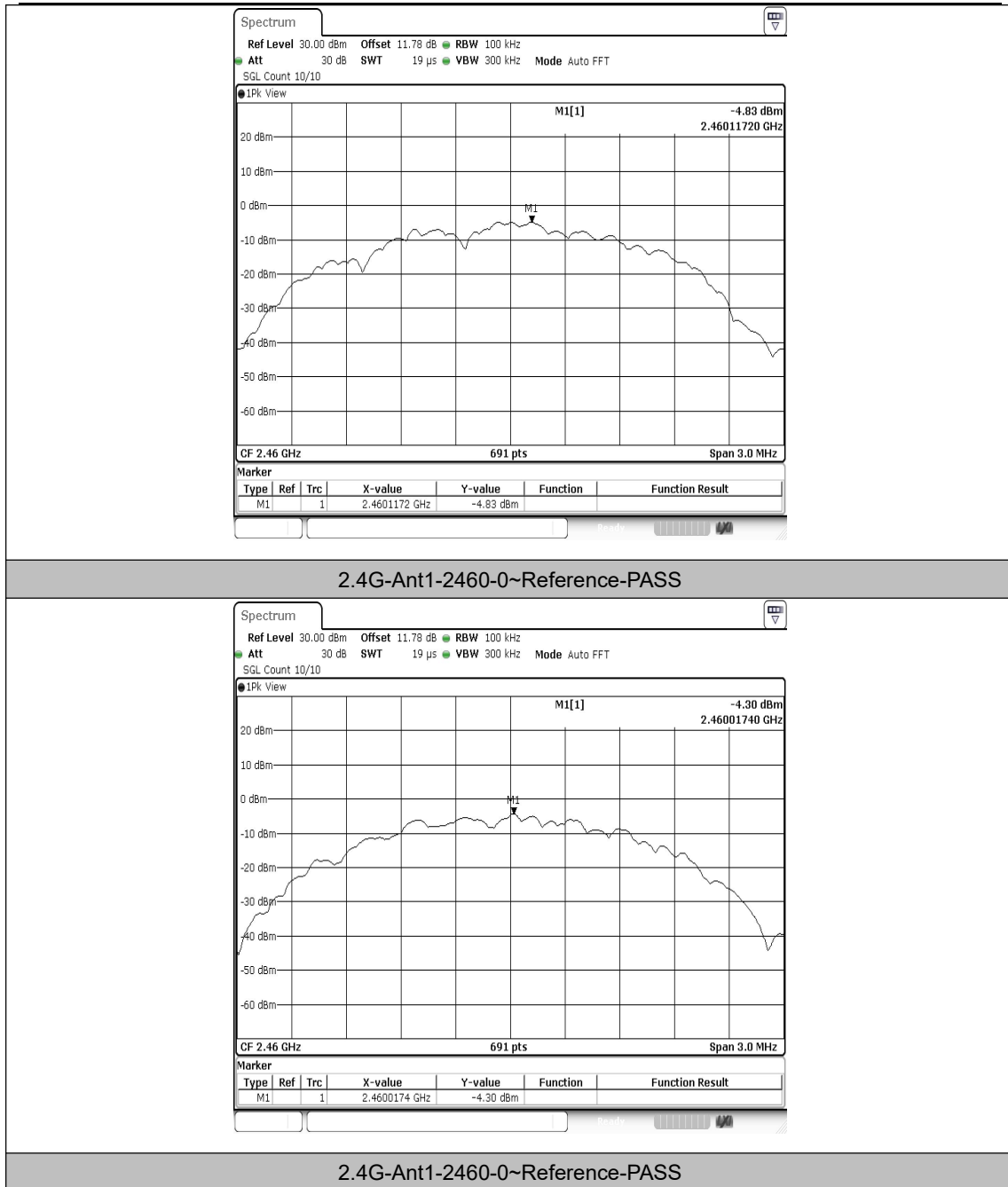
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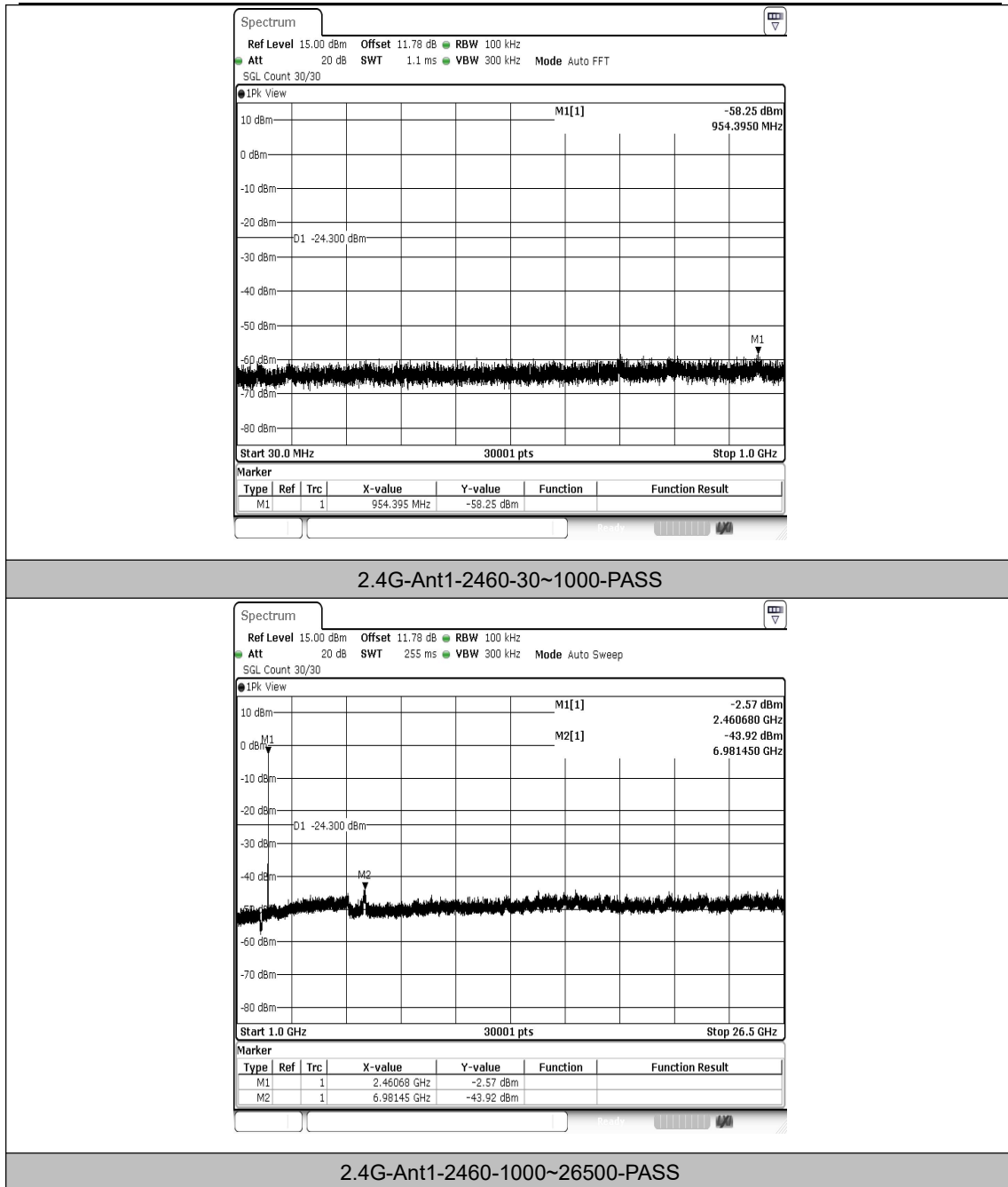


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