

Appendix Test Data

Report No.:	1812C40131212501	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:	24.6°C	Relative Humidity:	57%
Pressure:	101kPa		

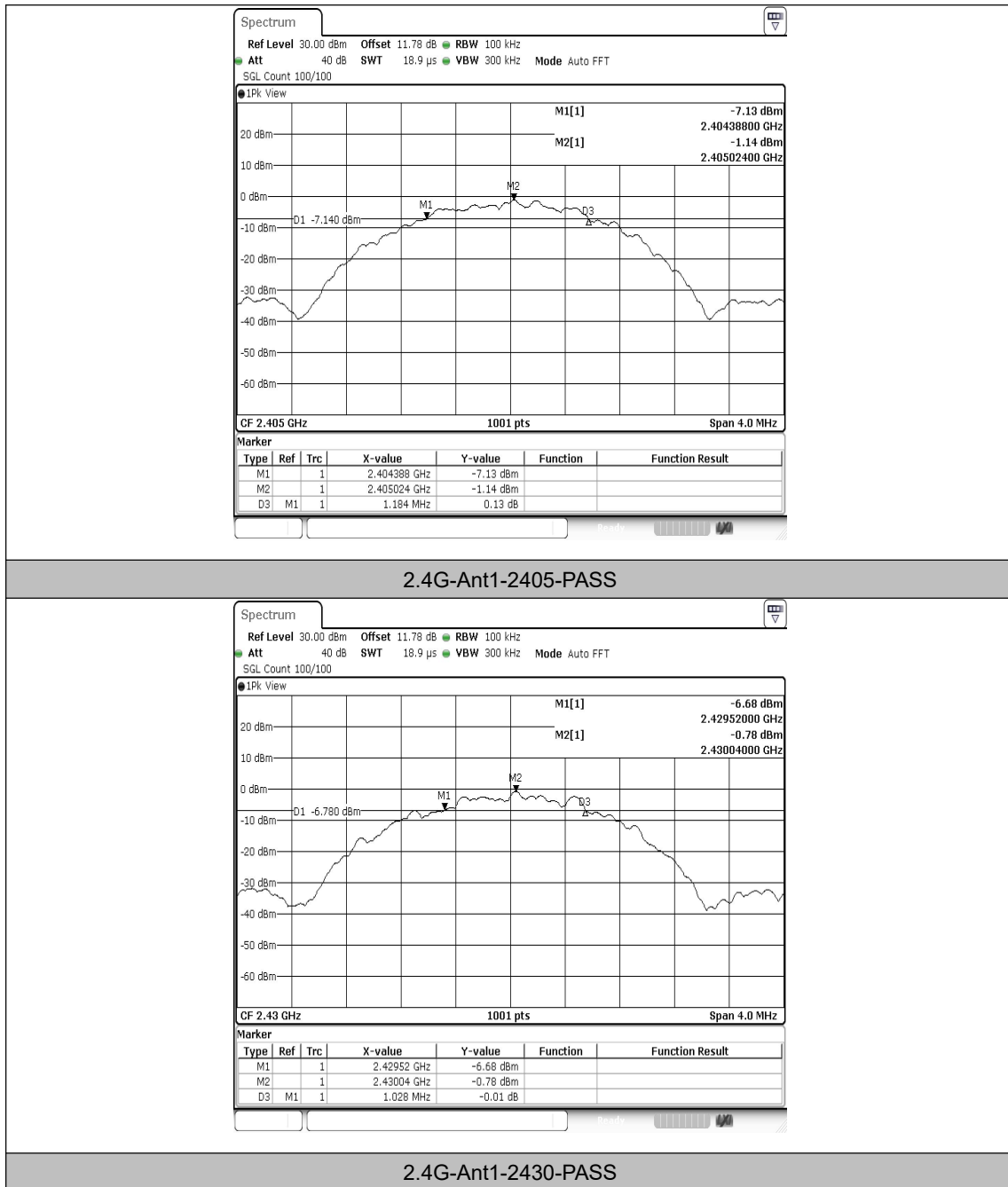
Appendix A: 6dB Bandwidth

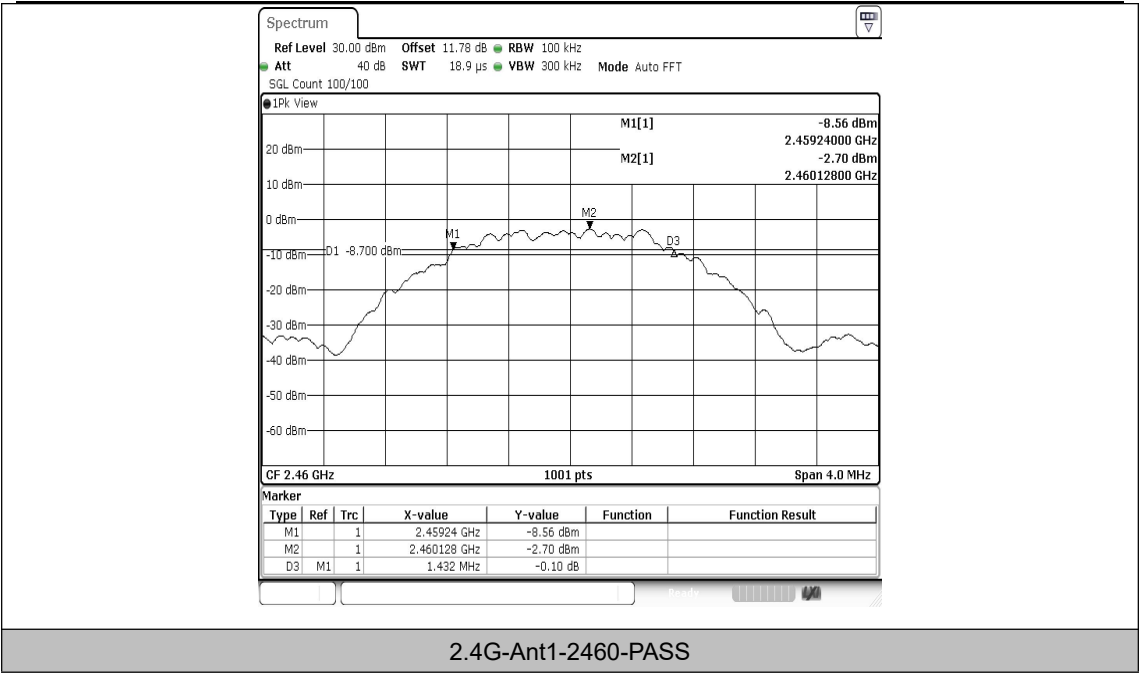
Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2405	1.18	2404.39	2405.57	0.5	PASS
2.4G	Ant1	2430	1.03	2429.52	2430.55	0.5	PASS
2.4G	Ant1	2460	1.43	2459.24	2460.67	0.5	PASS



Test Graphs





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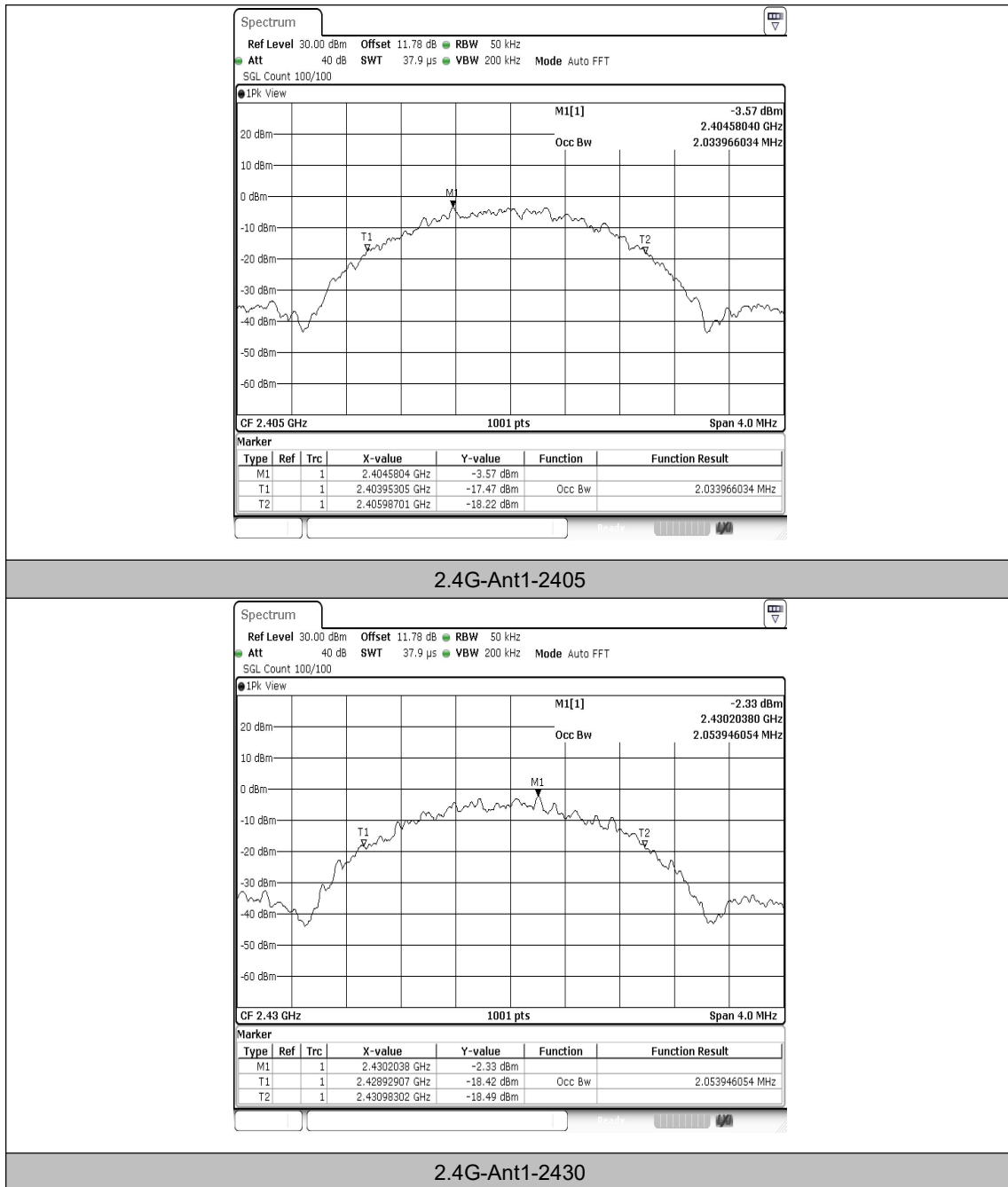
Appendix B: 99% Occupied Bandwidth

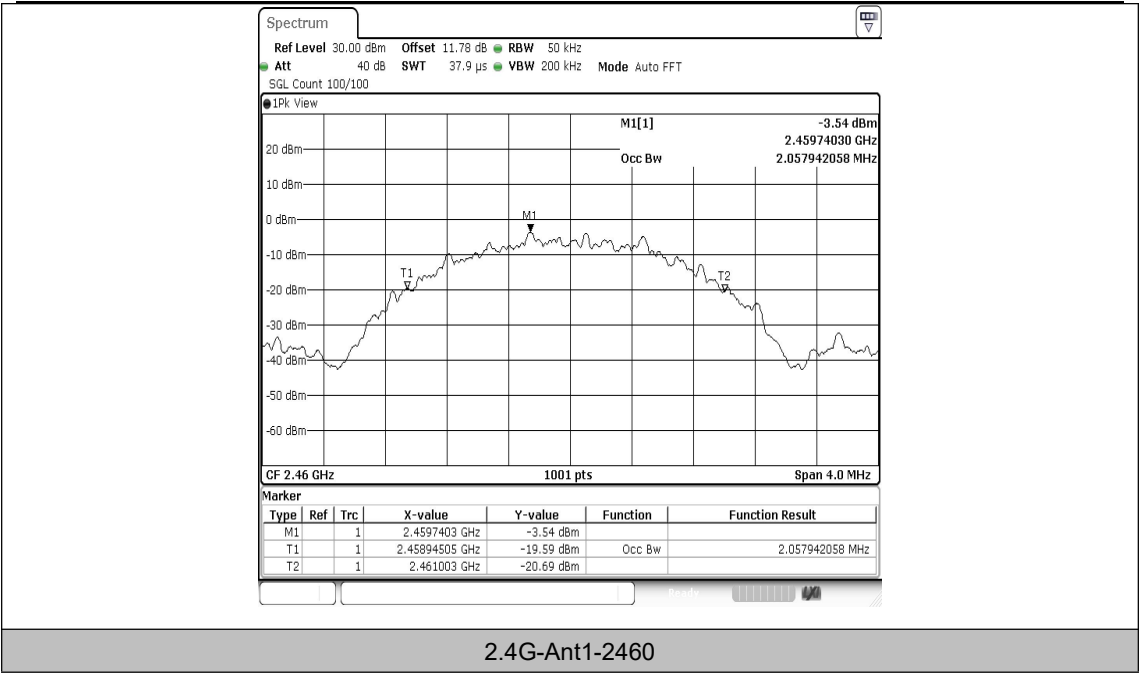
Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2405	2.034	2403.9530	2405.9870	---	---
2.4G	Ant1	2430	2.054	2428.9291	2430.9830	---	---
2.4G	Ant1	2460	2.058	2458.9451	2461.0030	---	---



Test Graphs



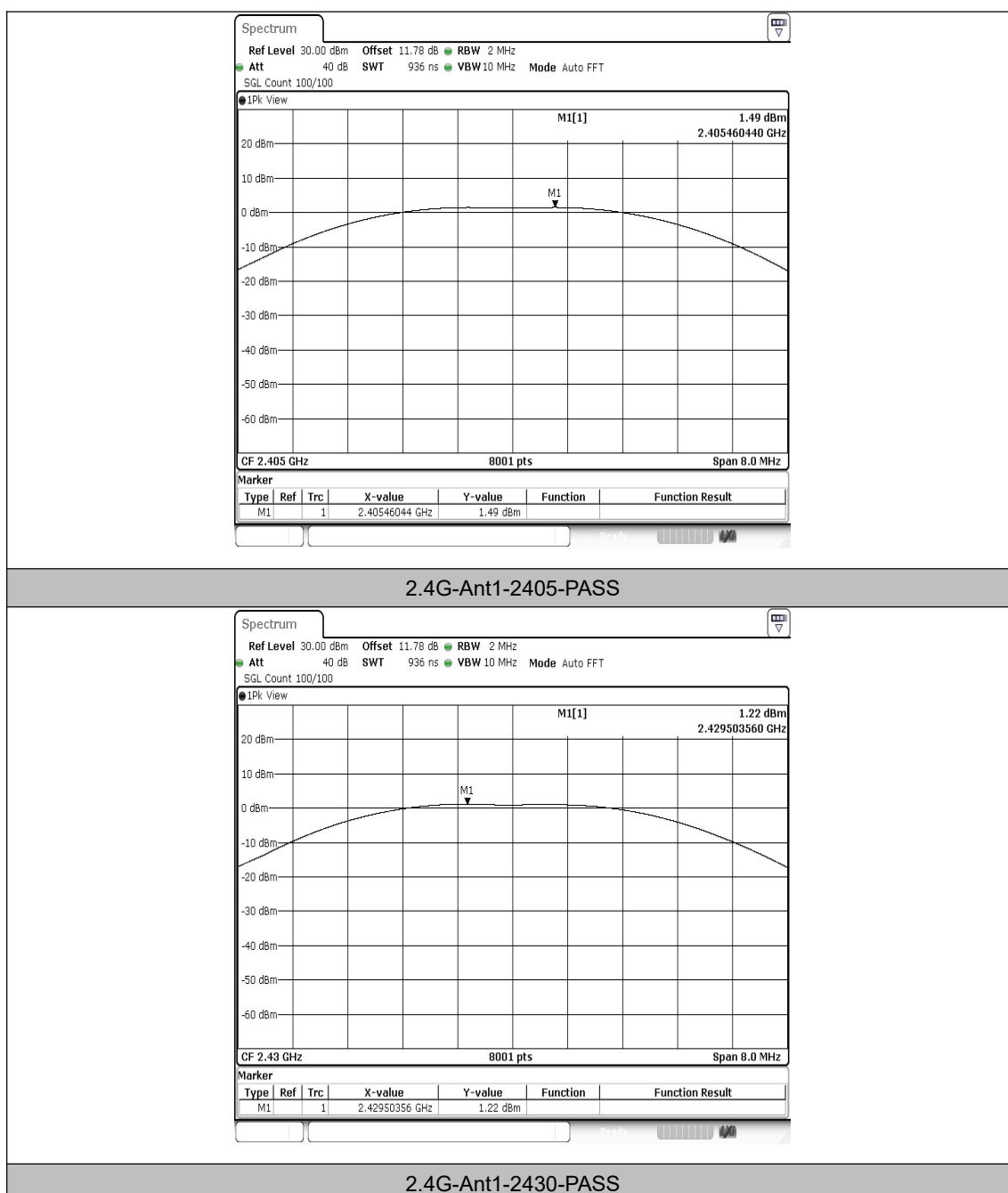


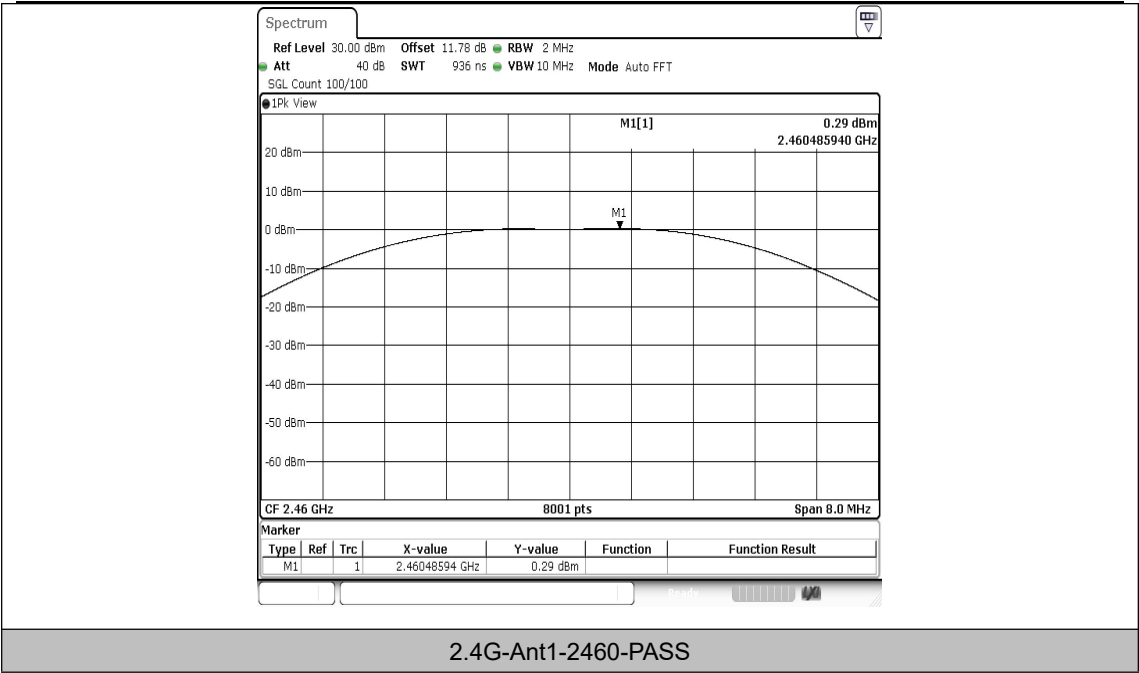
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2405	1.49	≤30	PASS
2.4G	Ant1	2430	1.22	≤30	PASS
2.4G	Ant1	2460	0.29	≤30	PASS

Test Graphs Peak





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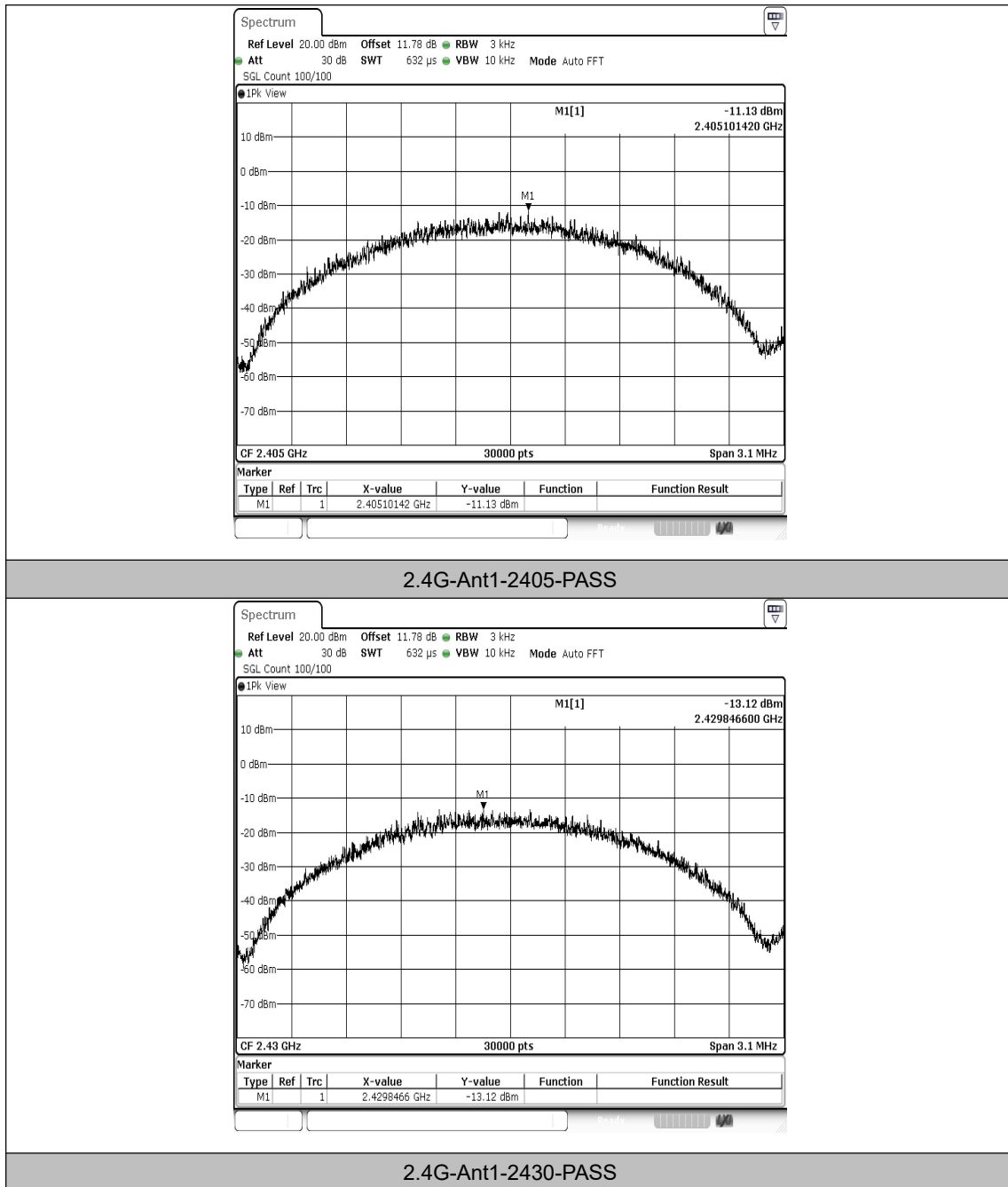
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
2.4G	Ant1	2405	-11.13	≤8.00	PASS
2.4G	Ant1	2430	-13.12	≤8.00	PASS
2.4G	Ant1	2460	-12.95	≤8.00	PASS



Test Graphs

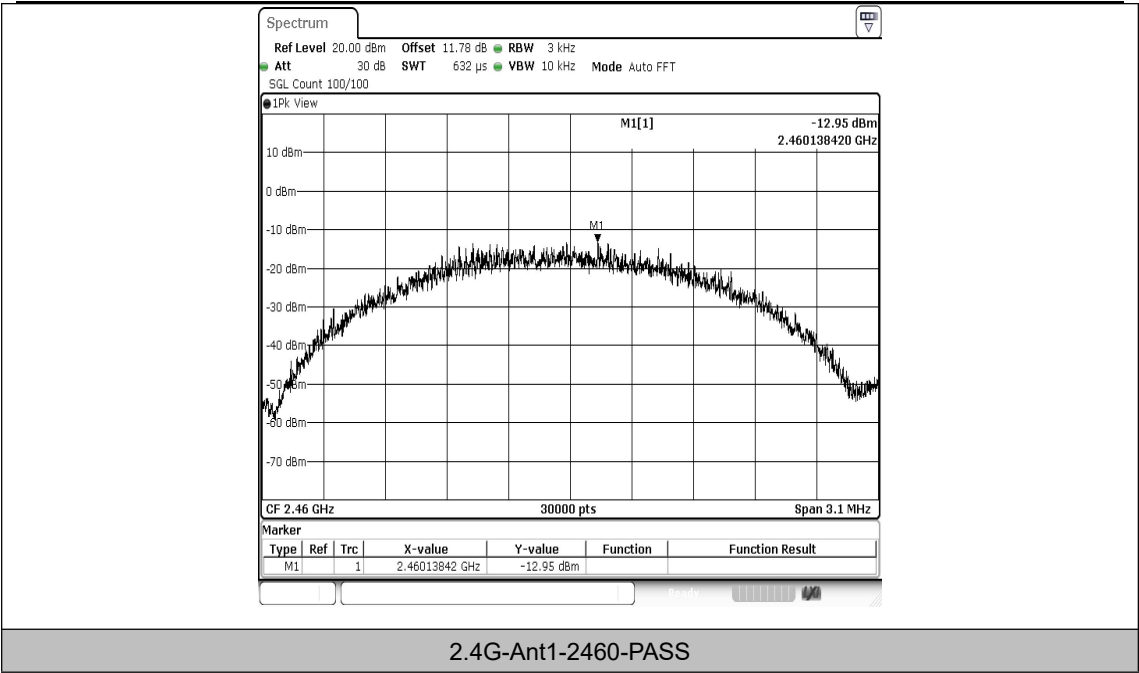


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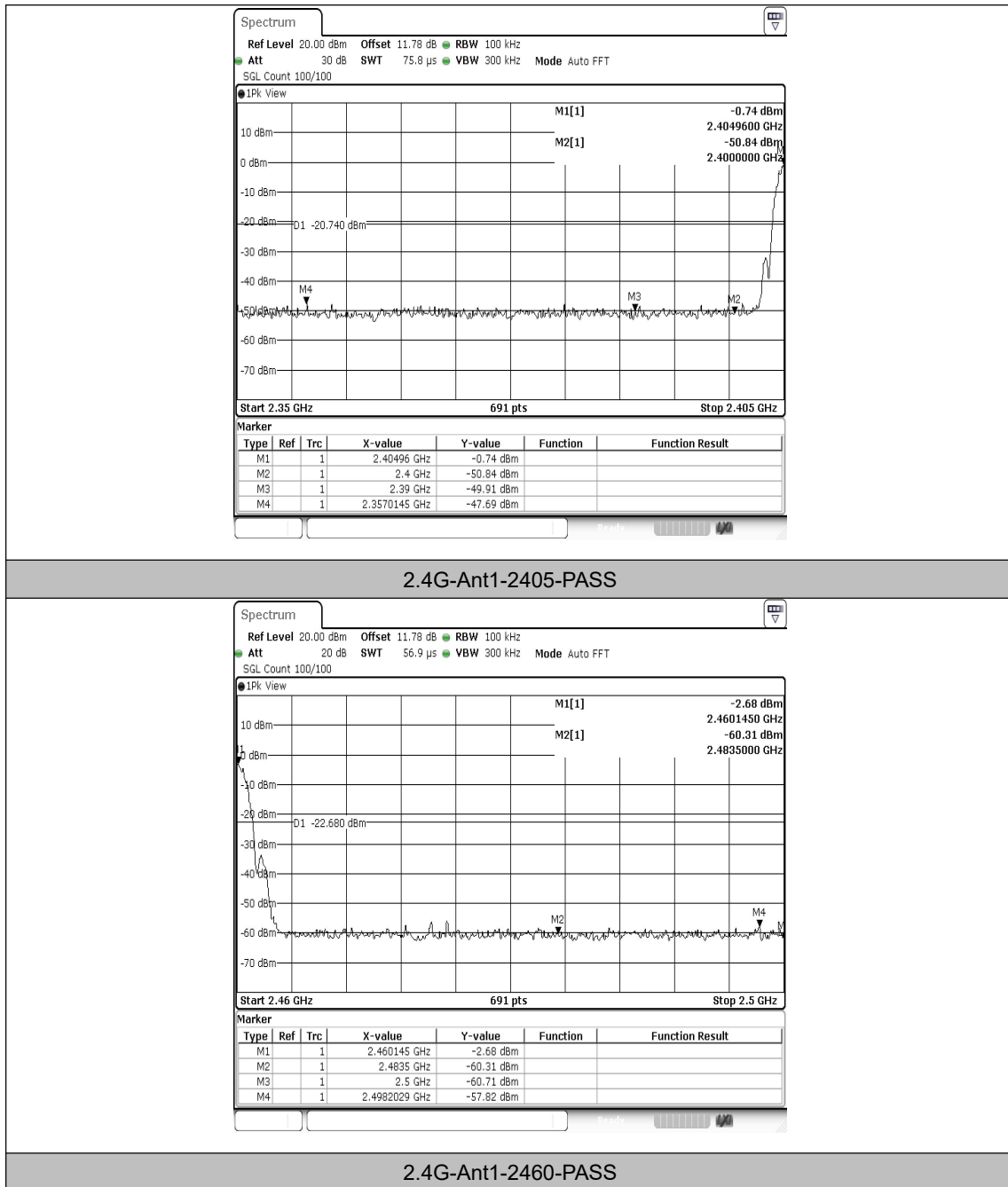
Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2405	-0.74	-47.69	≤ -20.74	PASS
2.4G	Ant1	High	2460	-2.68	-57.82	≤ -22.68	PASS



Test Graphs



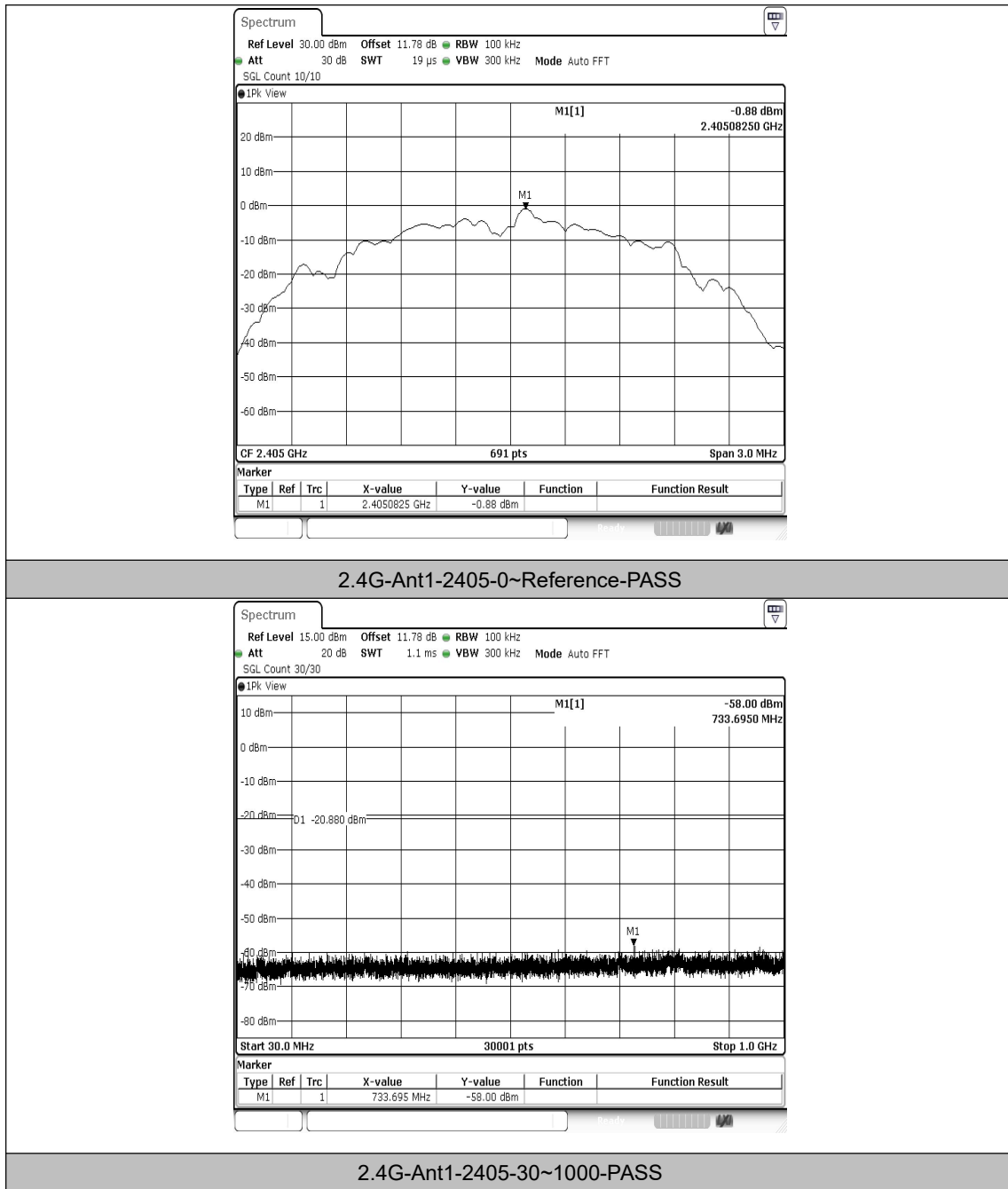
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2405	0~Reference	-0.88	-0.88	---	PASS
2.4G	Ant1	2405	30~1000	-0.88	-58	≤-20.88	PASS
2.4G	Ant1	2405	1000~26500	-0.88	-42.77	≤-20.88	PASS
2.4G	Ant1	2430	0~Reference	-2.59	-2.59	---	PASS
2.4G	Ant1	2430	30~1000	-2.59	-58.39	≤-22.59	PASS
2.4G	Ant1	2430	1000~26500	-2.59	-43.27	≤-22.59	PASS
2.4G	Ant1	2460	0~Reference	-3.93	-3.93	---	PASS
2.4G	Ant1	2460	30~1000	-3.93	-58.23	≤-23.93	PASS
2.4G	Ant1	2460	1000~26500	-3.93	-44.24	≤-23.93	PASS



Test Graphs



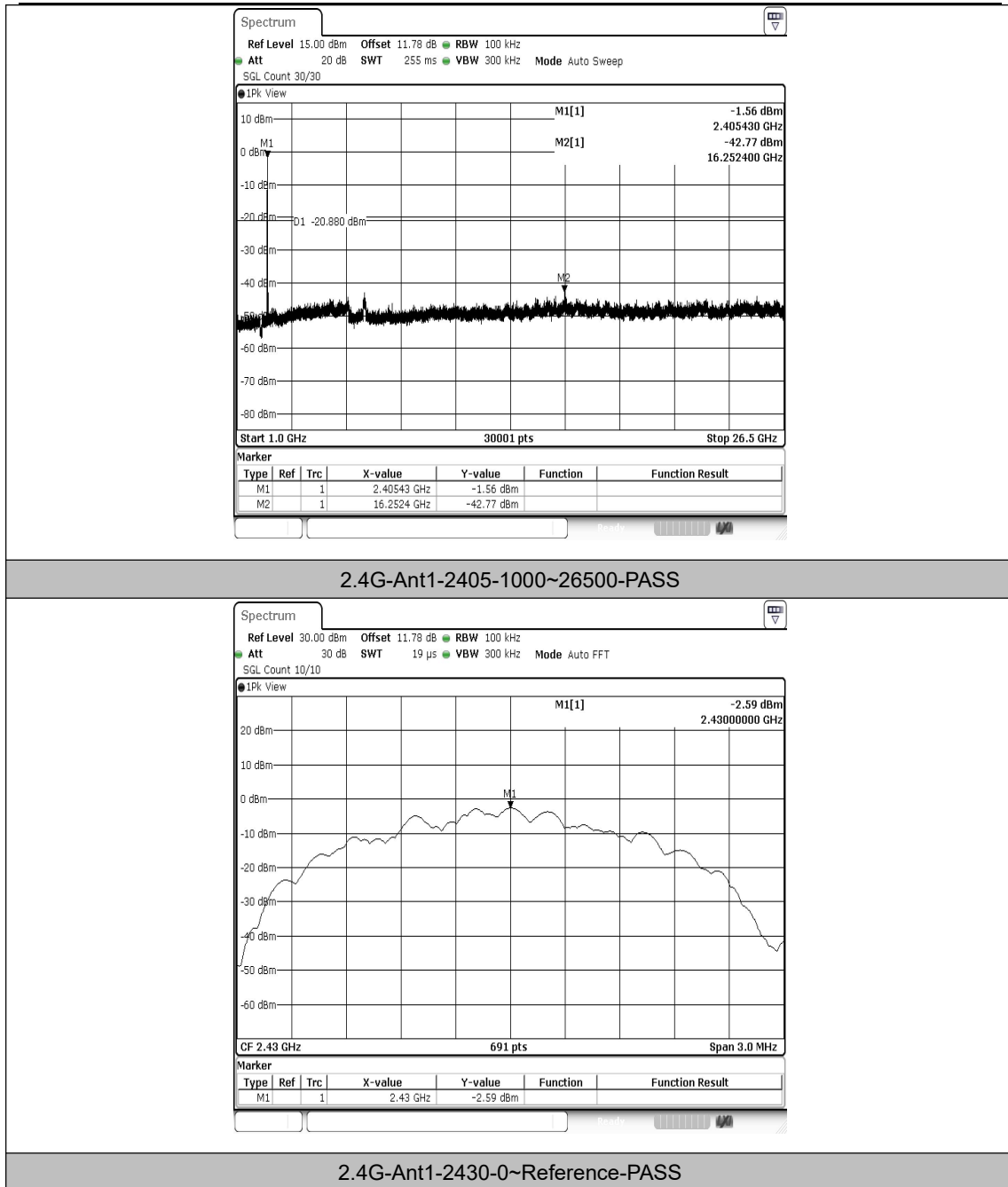
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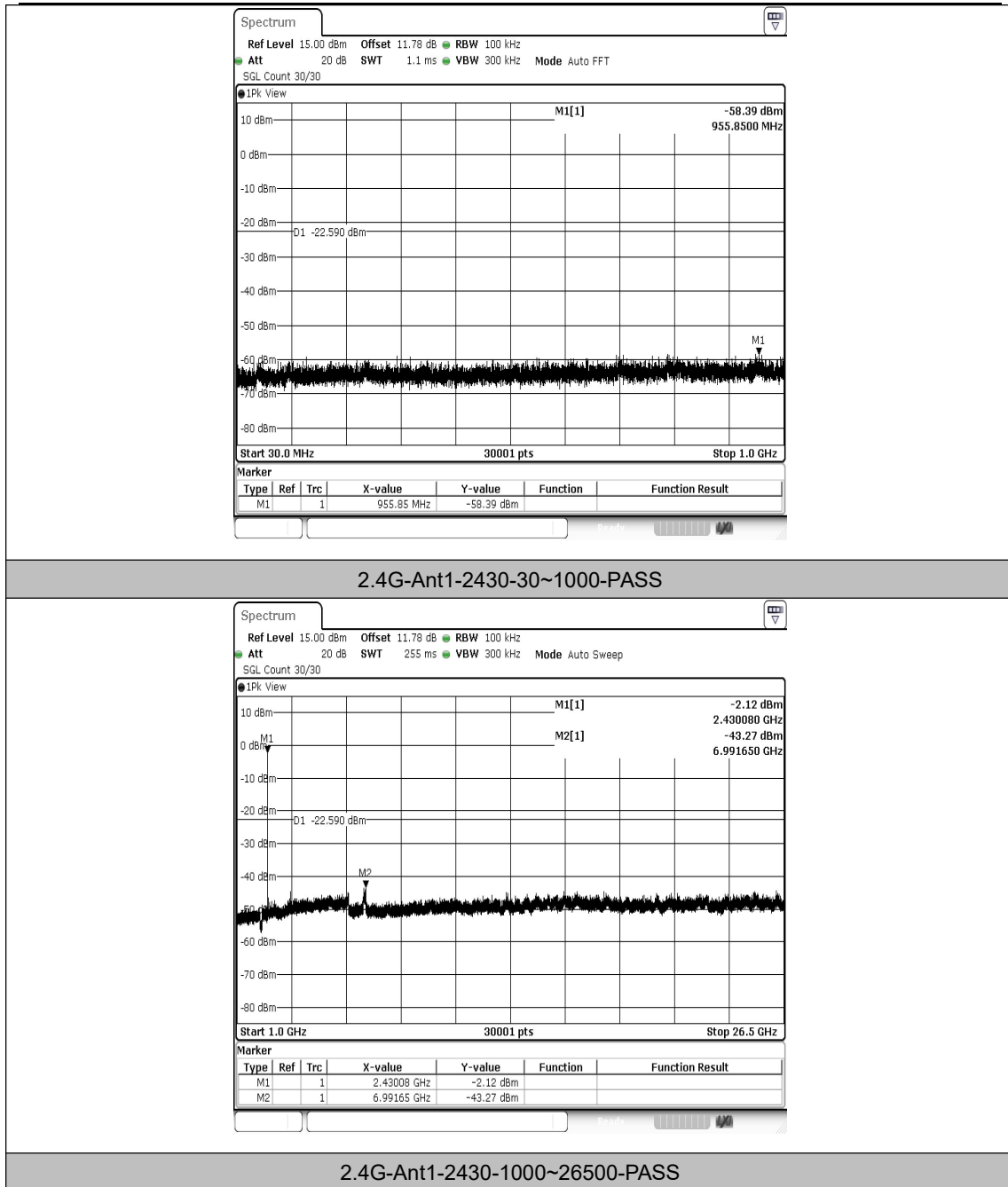


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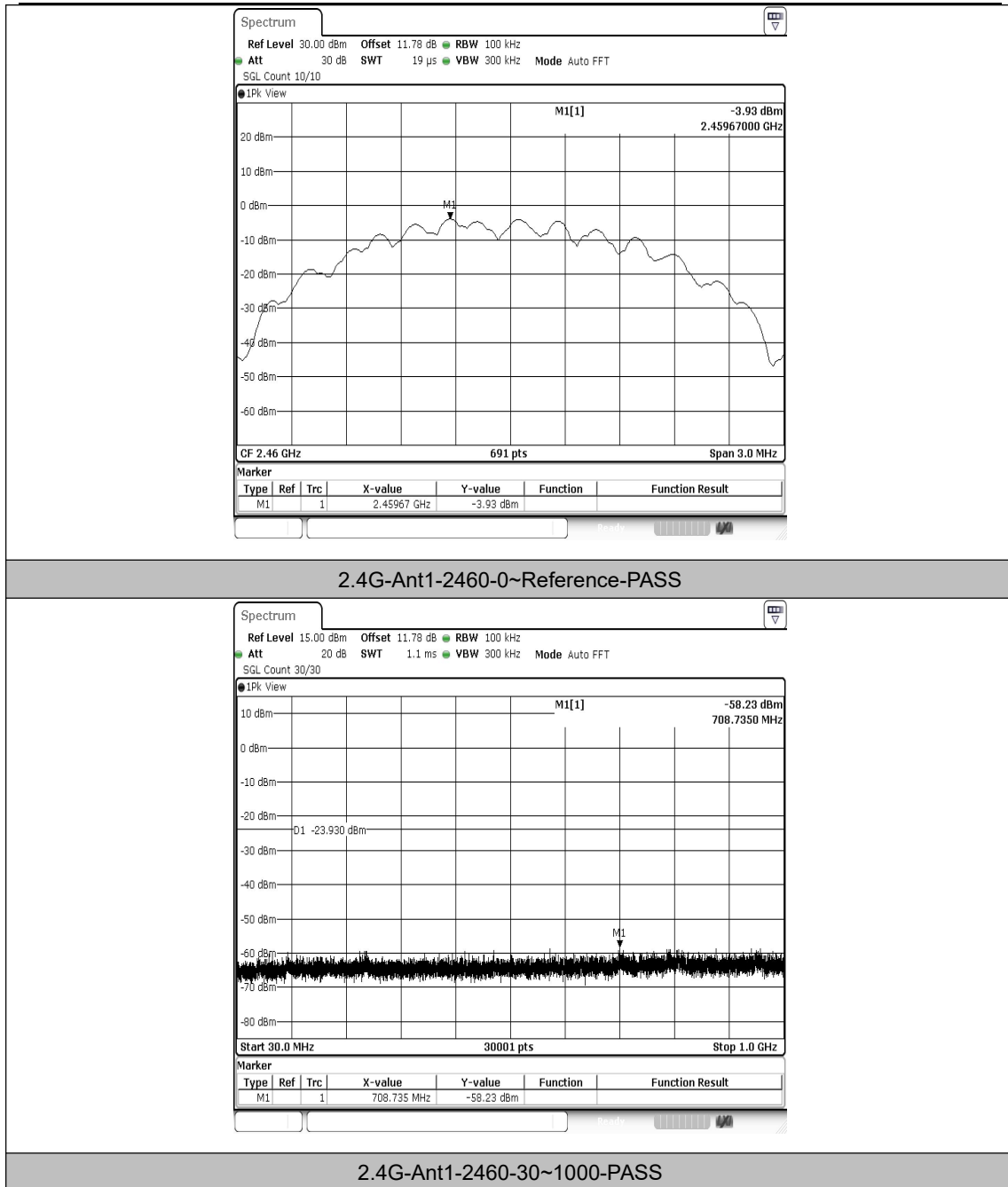


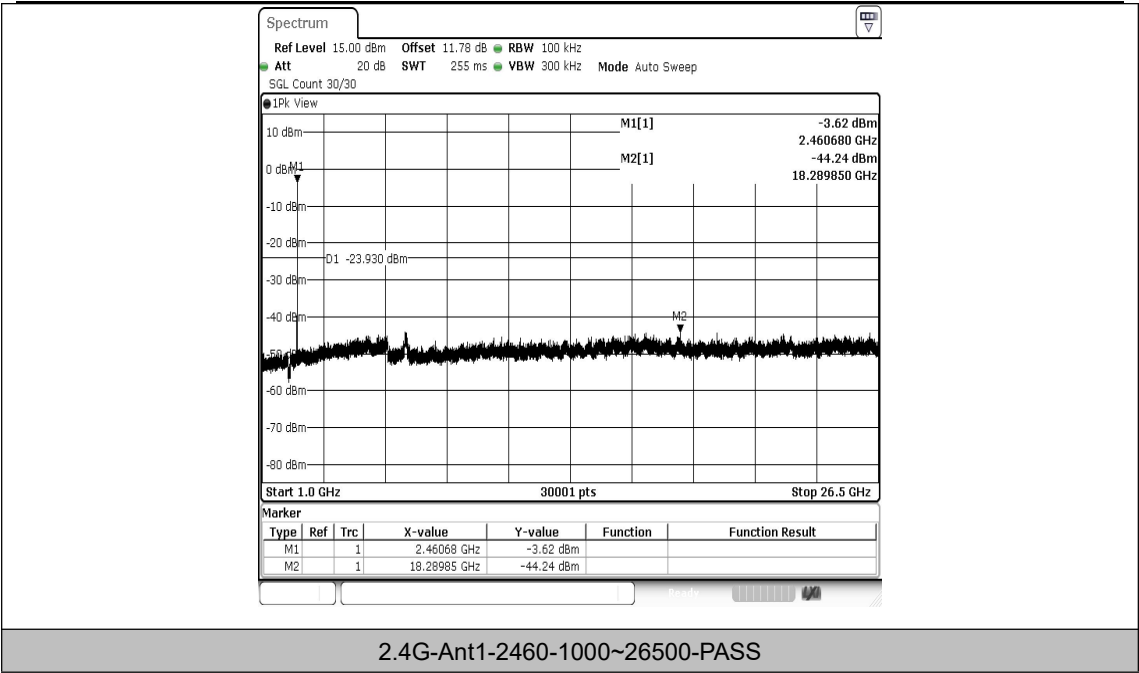
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