

Appendix Test Data

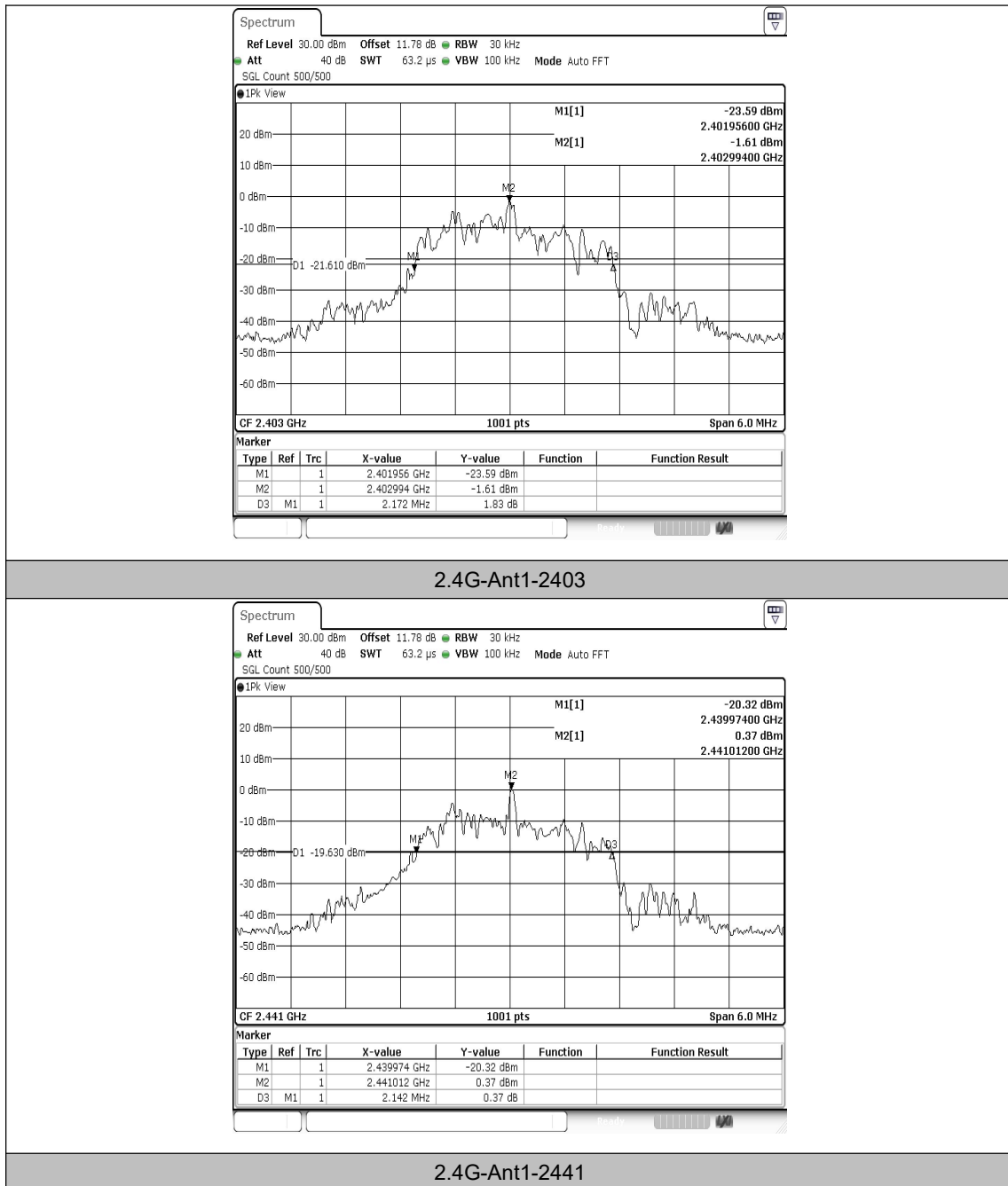
Report No.:	1812C40173212501	Test Sample No.:	1-2-2
Start Test Date:	2024.12.12	Finish Test Date:	2024.12.16
Test Engineer:	Joker Huang	Auditor:	Justin Feng
Temperature:	23.4℃	Relative Humidity:	55%
Pressure:	101kPa		

Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2403	2.17	2401.96	2404.13	---	---
2.4G	Ant1	2441	2.14	2439.97	2442.12	---	---
2.4G	Ant1	2480	2.17	2478.96	2481.13	---	---

Test Graphs





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Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
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Appendix B: 99% Occupied Bandwidth

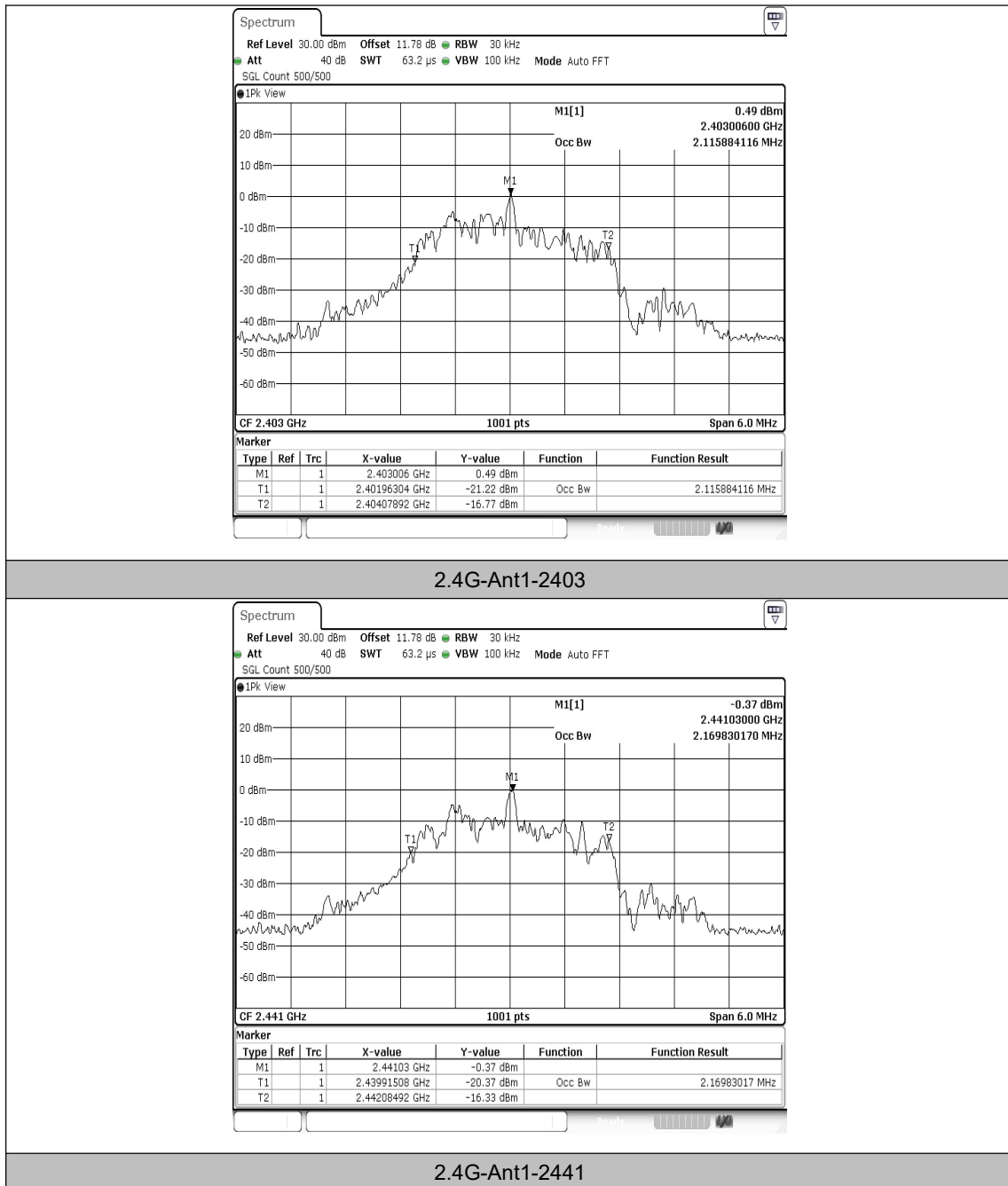
Test Result

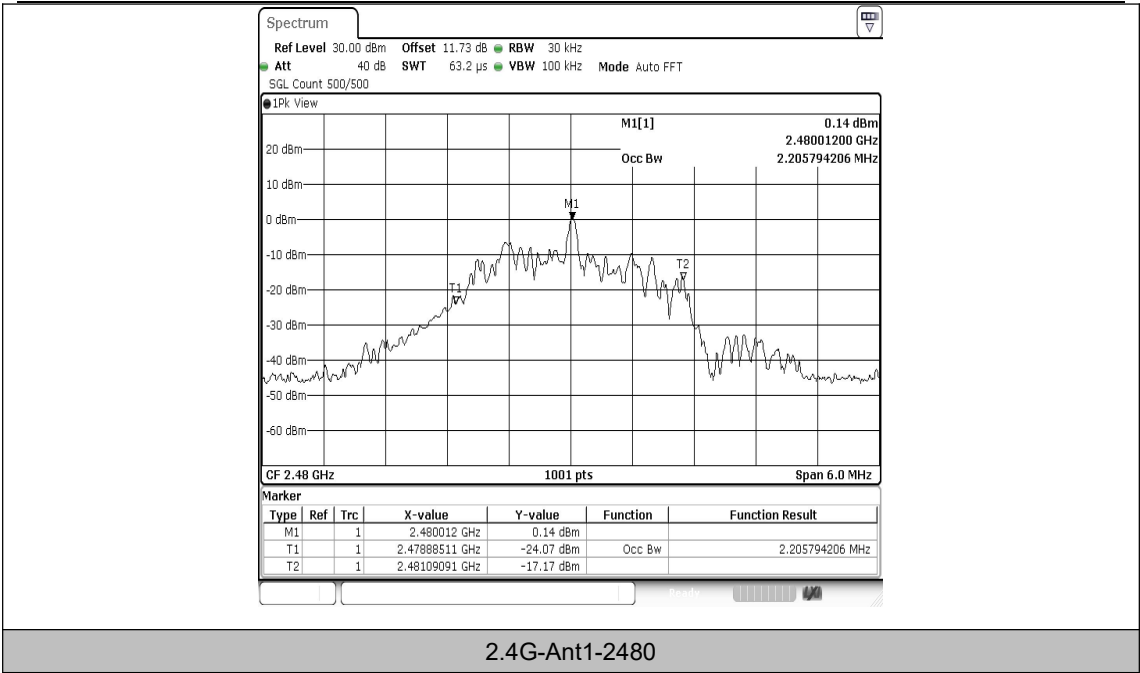
Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2403	2.116	2401.9630	2404.0789	---	---
2.4G	Ant1	2441	2.17	2439.9151	2442.0849	---	---
2.4G	Ant1	2480	2.206	2478.8851	2481.0909	---	---

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Test Graphs





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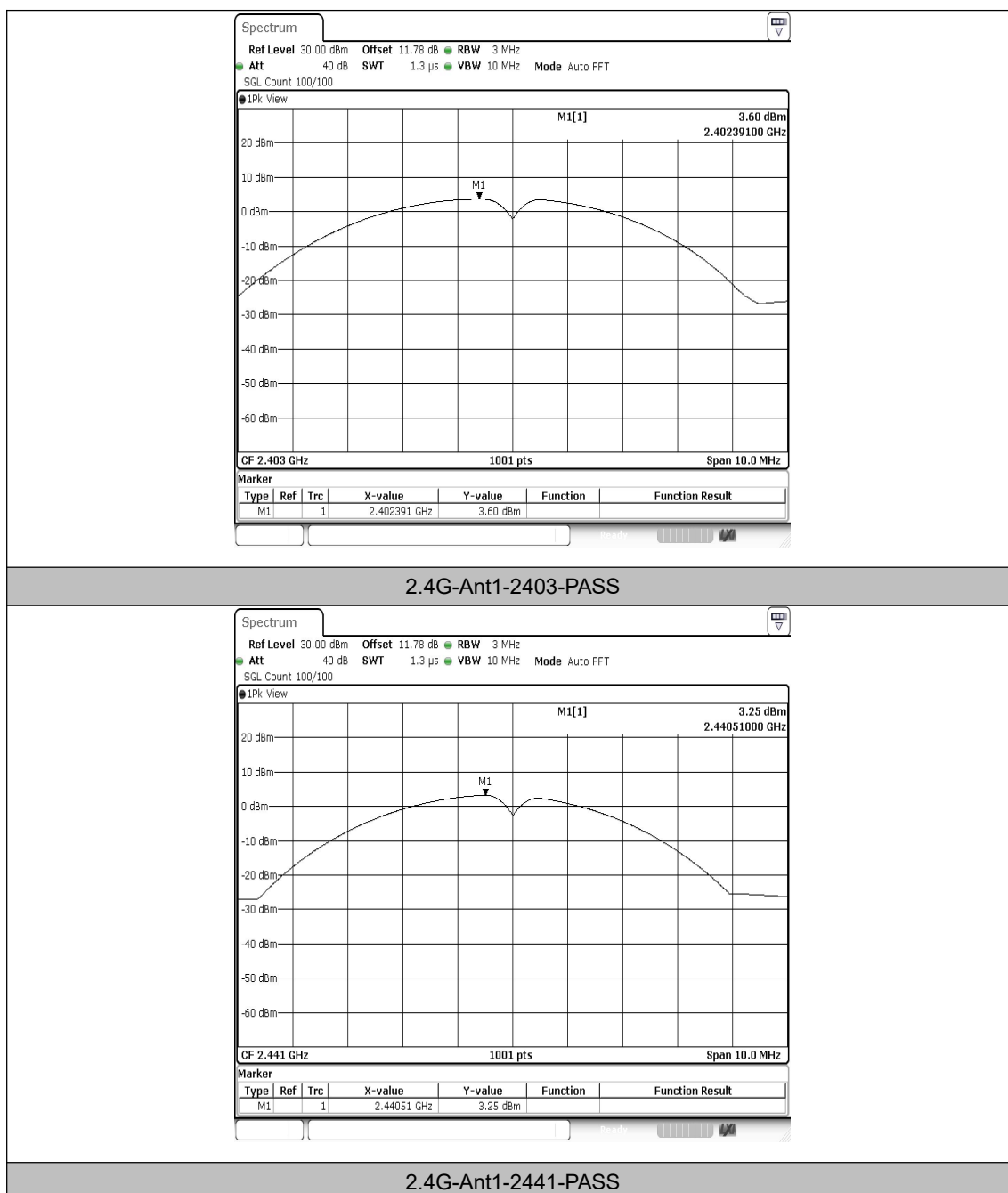
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Appendix C: Maximum Conducted Output Power

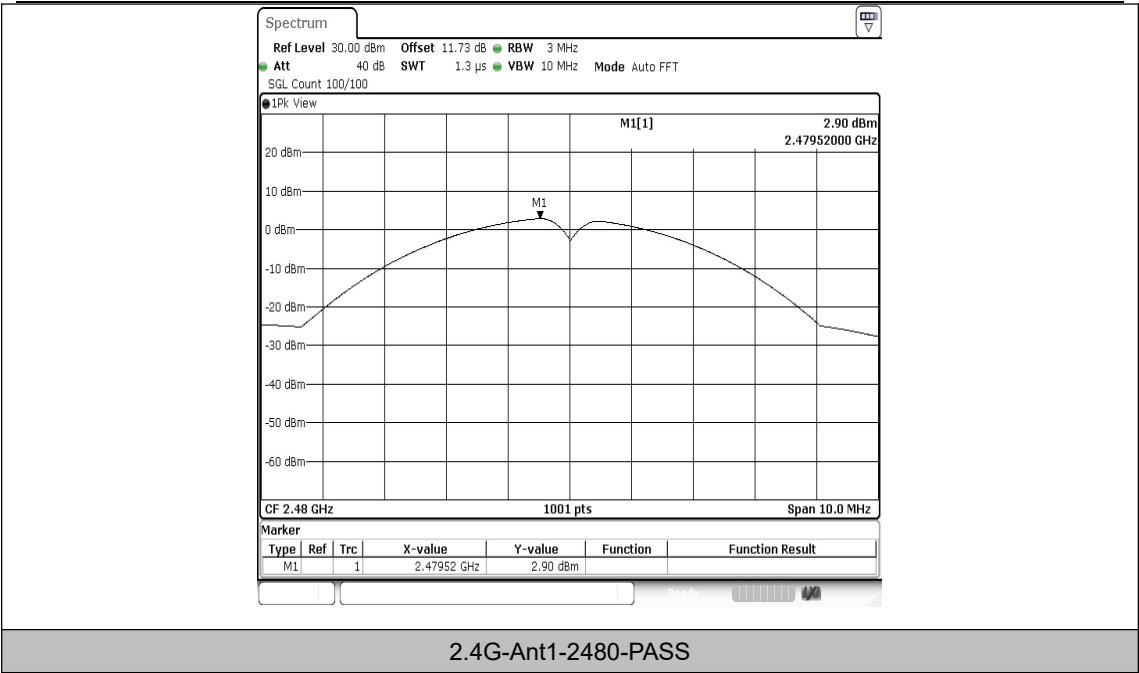
Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2403	3.60	≤20.97	PASS
2.4G	Ant1	2441	3.25	≤20.97	PASS
2.4G	Ant1	2480	2.90	≤20.97	PASS

Test Graphs



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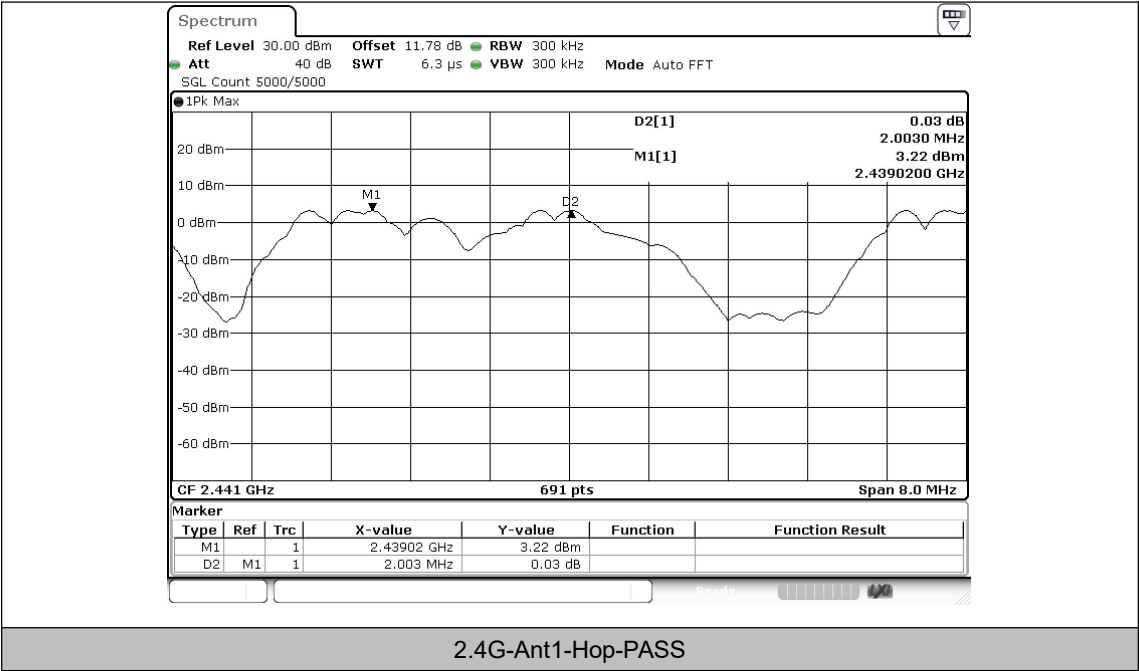
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Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	Hop	2.003	≥ 1.447	PASS

Test Graphs



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Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel:(86)0755-26066440 Email:service@anbotech.com

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400-003-0500
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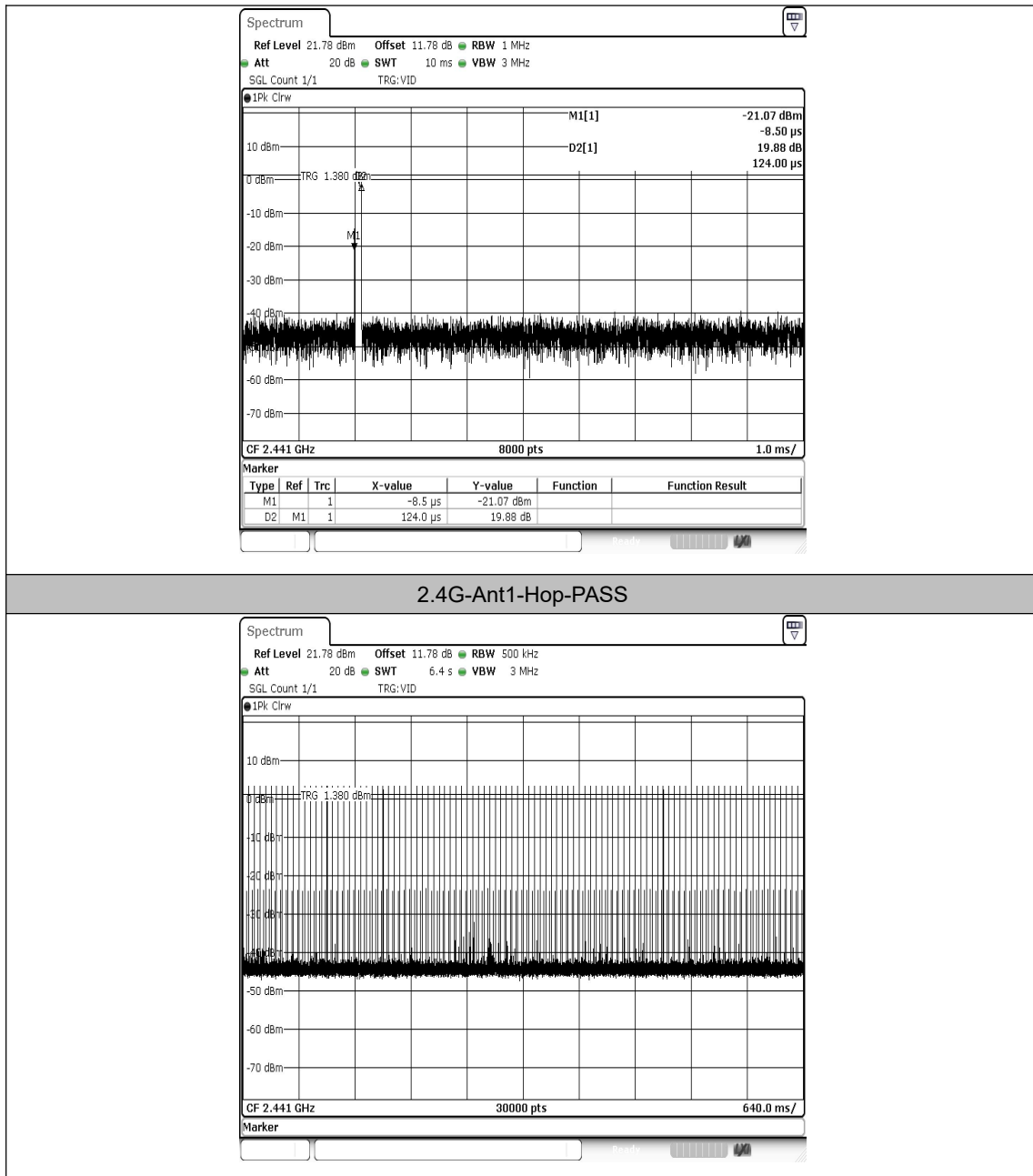
Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	0.124	100	0.012	≤0.4	PASS



Test Graphs



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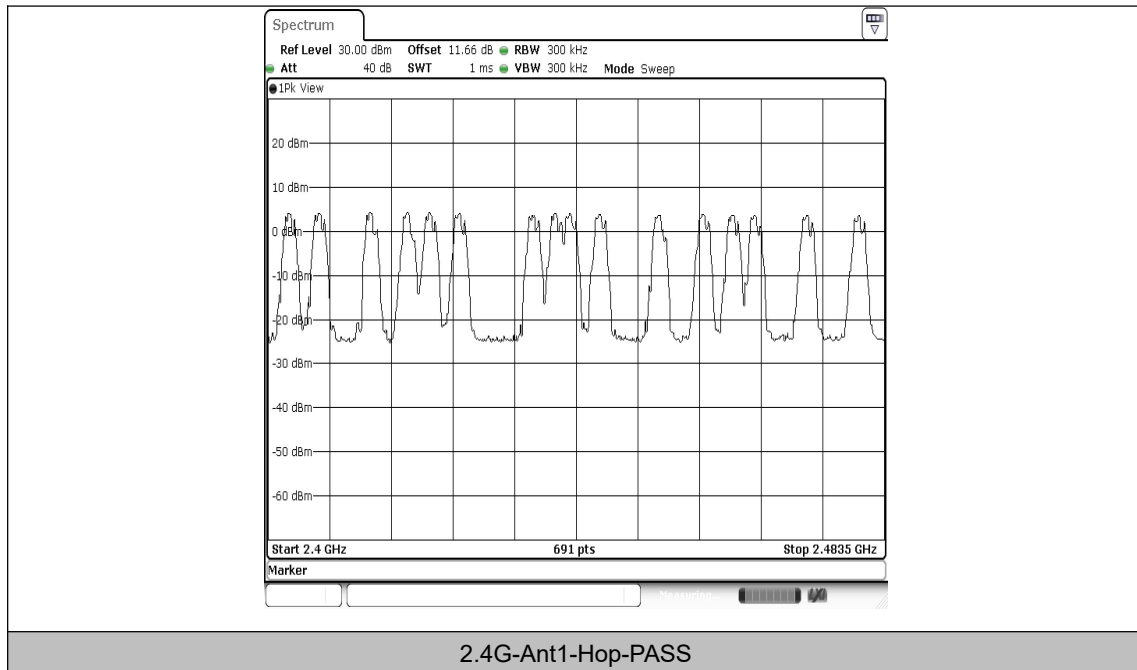
Appendix F: Number of Hopping Channel

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [Num]	Limit [Num]	Verdict
2.4G	Ant1	Hop	16	≥15	PASS



Test Graphs



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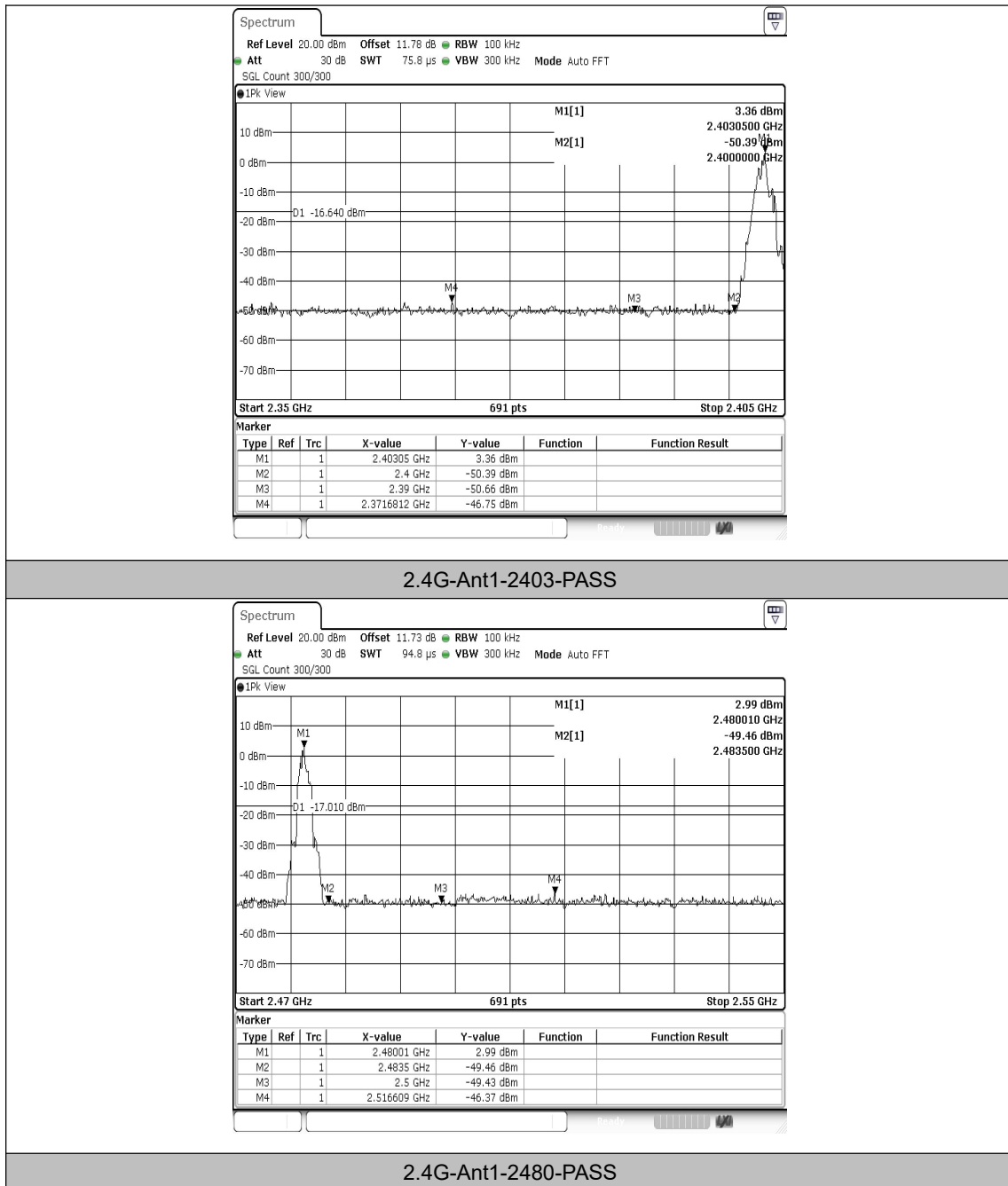
Appendix G: Conducted Band edge

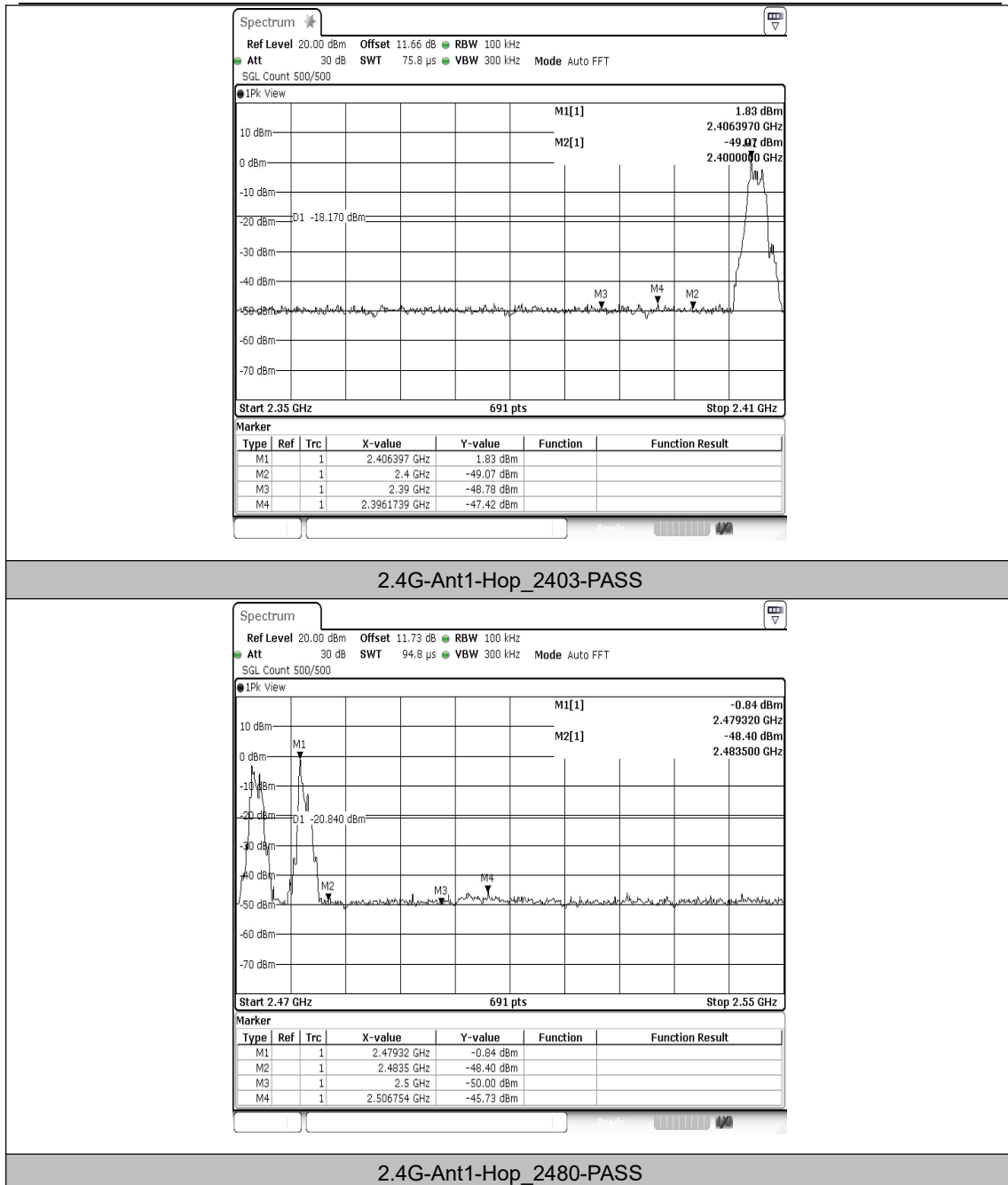
Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2403	3.36	-46.75	≤-16.64	PASS
2.4G	Ant1	High	2480	2.99	-46.37	≤-17.01	PASS
2.4G	Ant1	Low	Hop_2403	1.83	-47.42	≤-18.17	PASS
2.4G	Ant1	High	Hop_2480	-0.84	-45.73	≤-20.84	PASS



Test Graphs





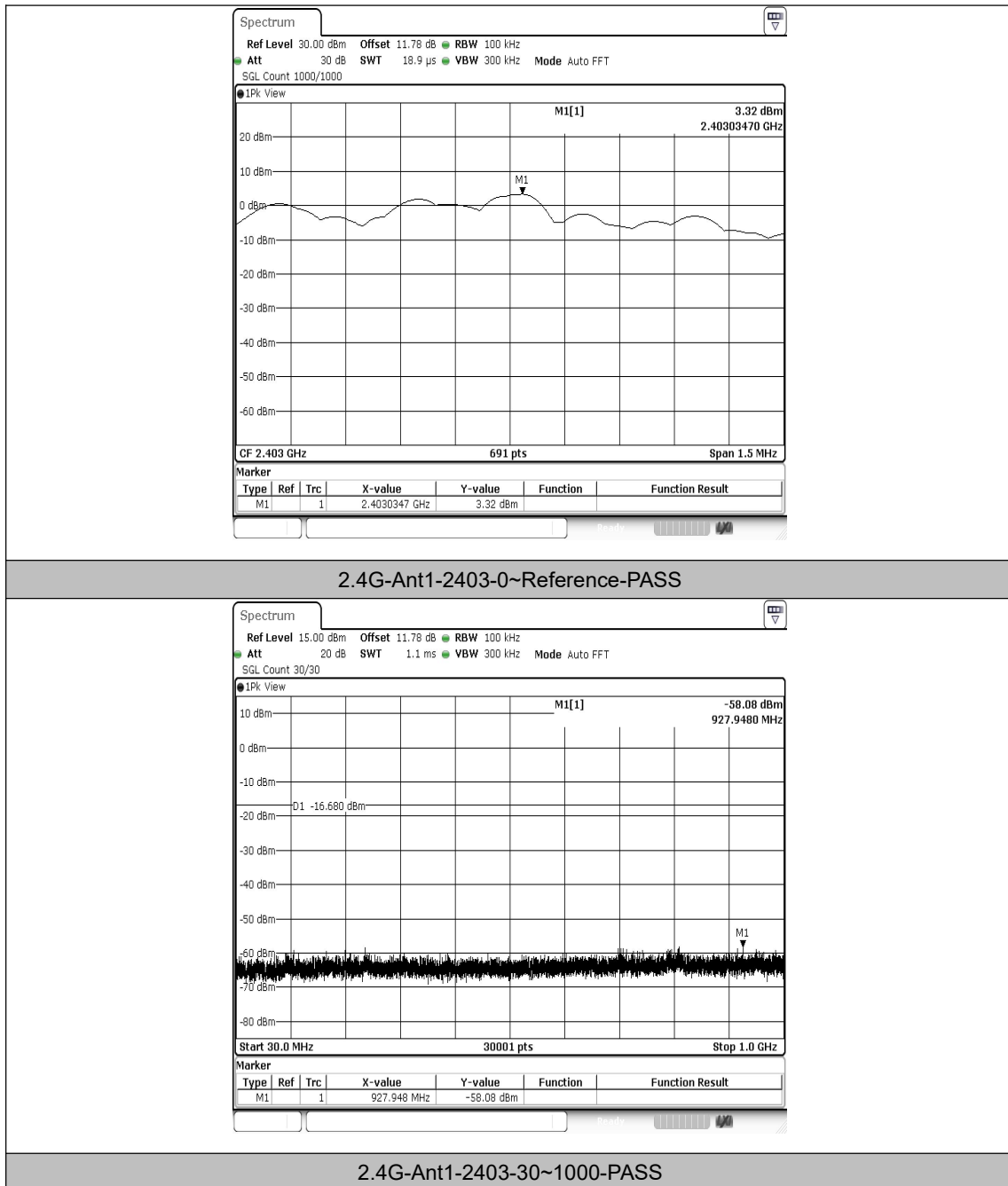
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2403	0~Reference	3.32	3.32	---	PASS
2.4G	Ant1	2403	30~1000	3.32	-58.08	≤-16.68	PASS
2.4G	Ant1	2403	1000~26500	3.32	-43.54	≤-16.68	PASS
2.4G	Ant1	2441	0~Reference	3.13	3.13	---	PASS
2.4G	Ant1	2441	30~1000	3.13	-56.54	≤-16.87	PASS
2.4G	Ant1	2441	1000~26500	3.13	-43.73	≤-16.87	PASS
2.4G	Ant1	2480	0~Reference	3.02	3.02	---	PASS
2.4G	Ant1	2480	30~1000	3.02	-58.02	≤-16.98	PASS
2.4G	Ant1	2480	1000~26500	3.02	-43.39	≤-16.98	PASS



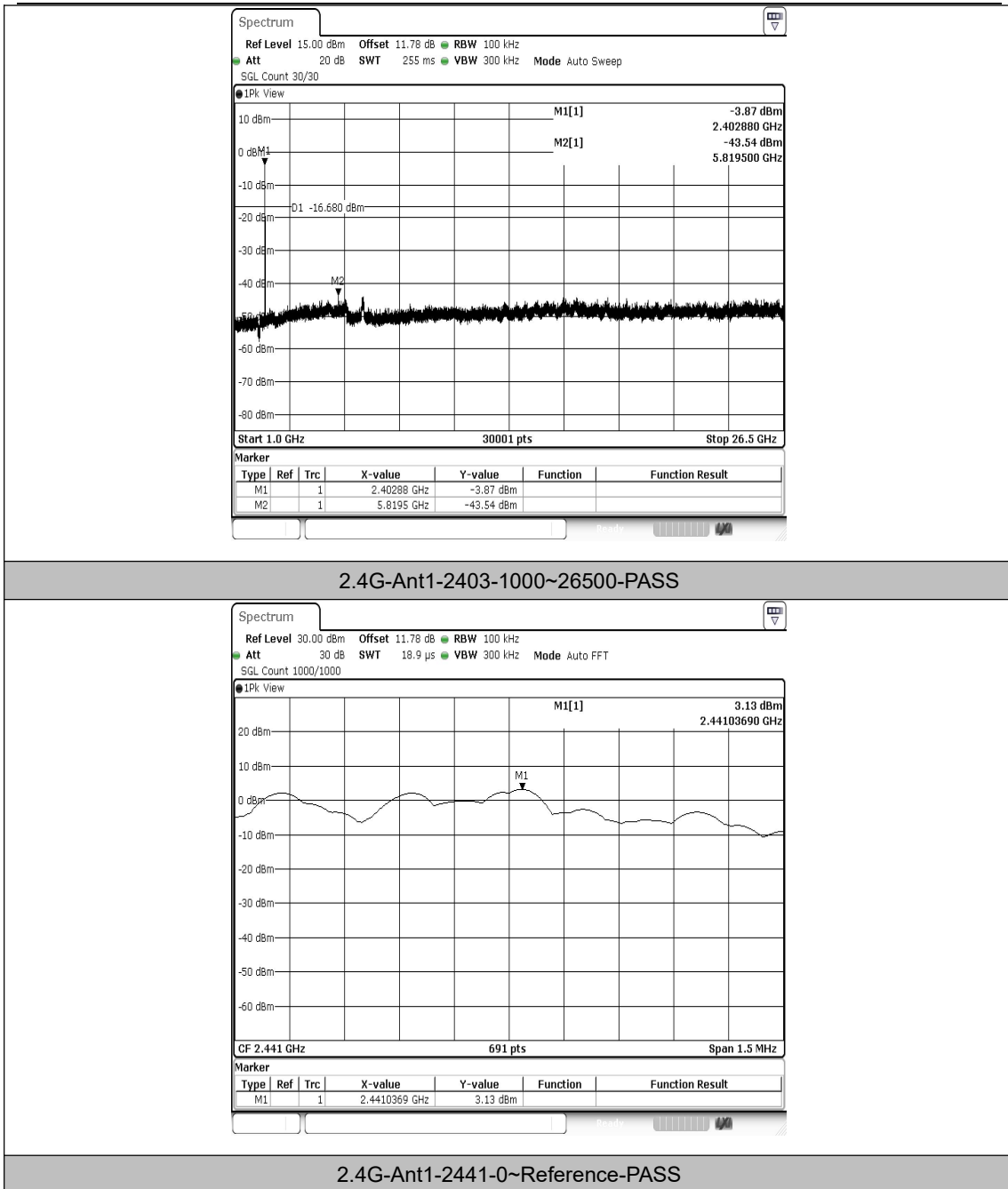
Test Graphs

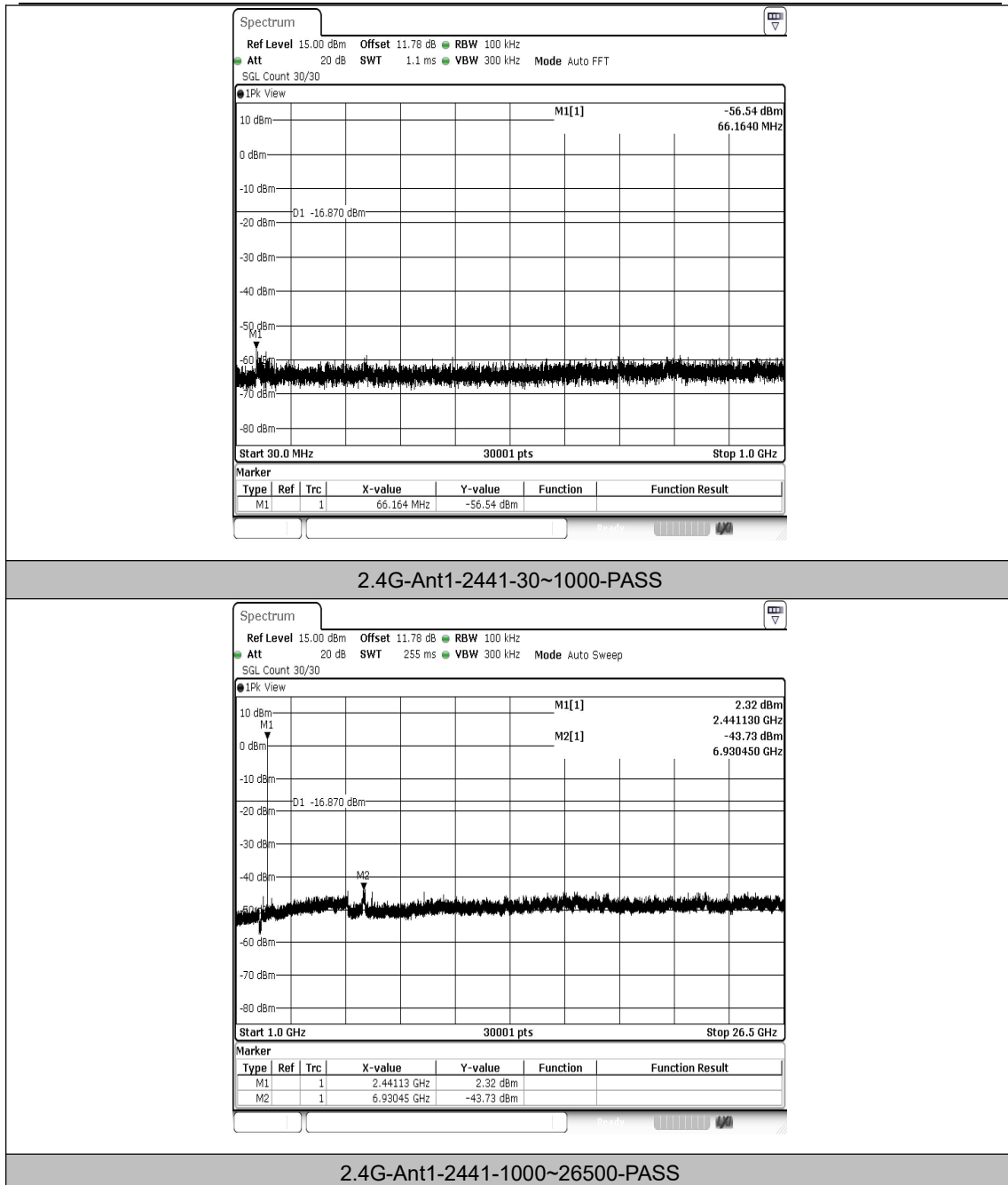


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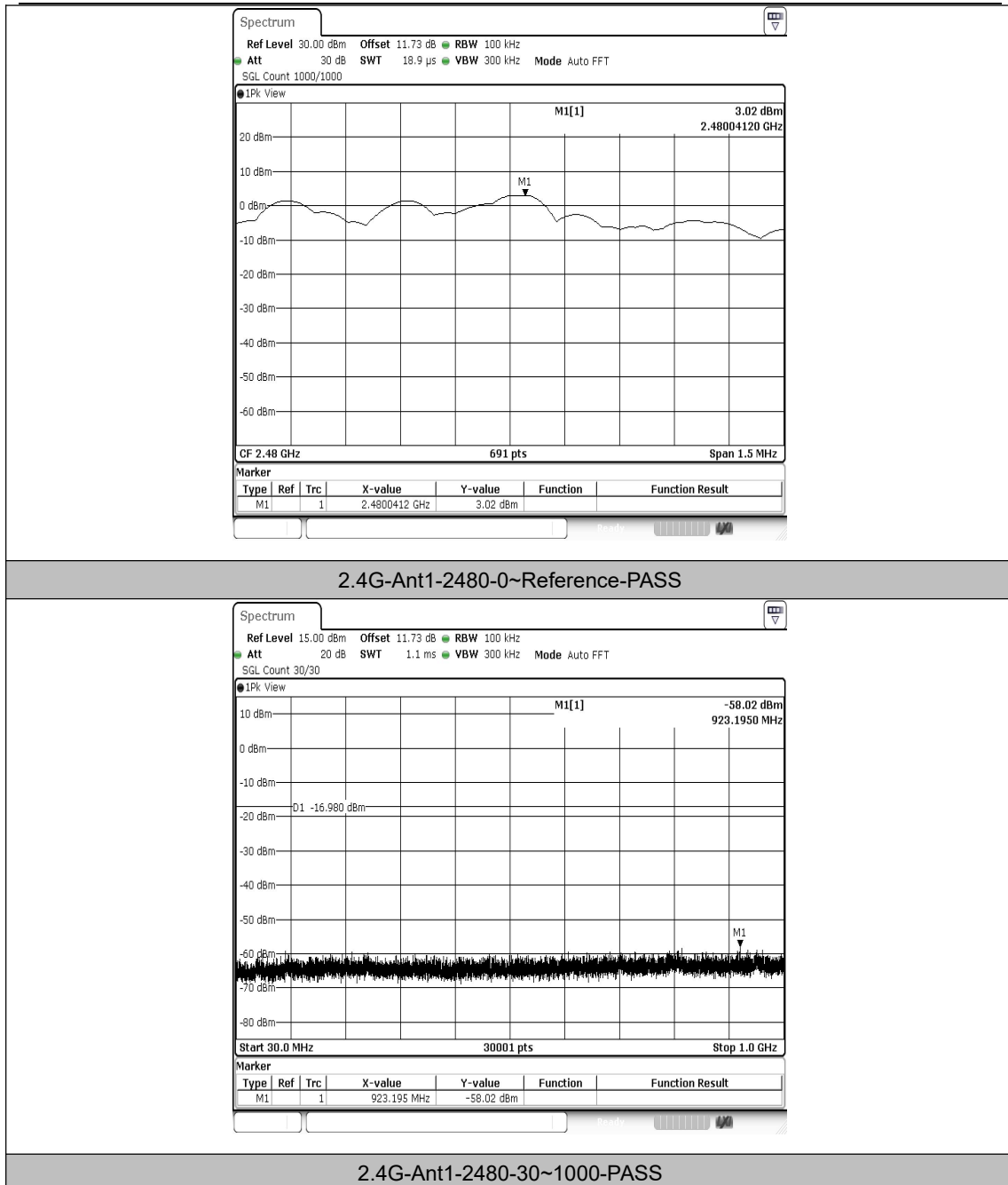


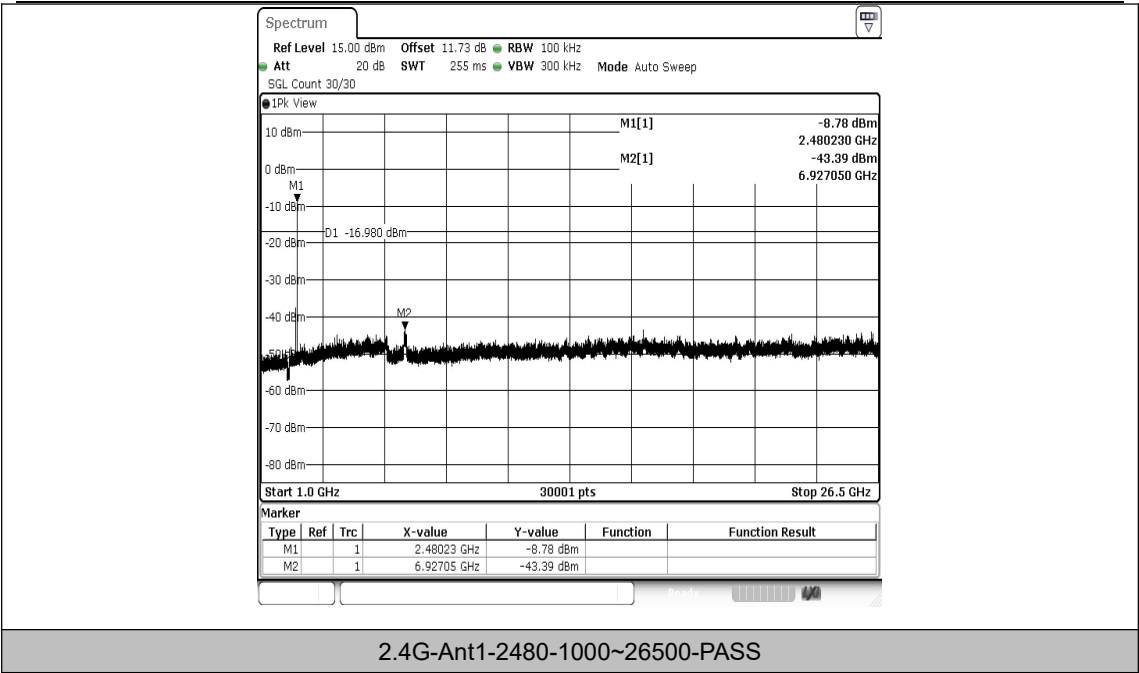


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Tel:(86)0755-26066440 Email:service@anbotek.com

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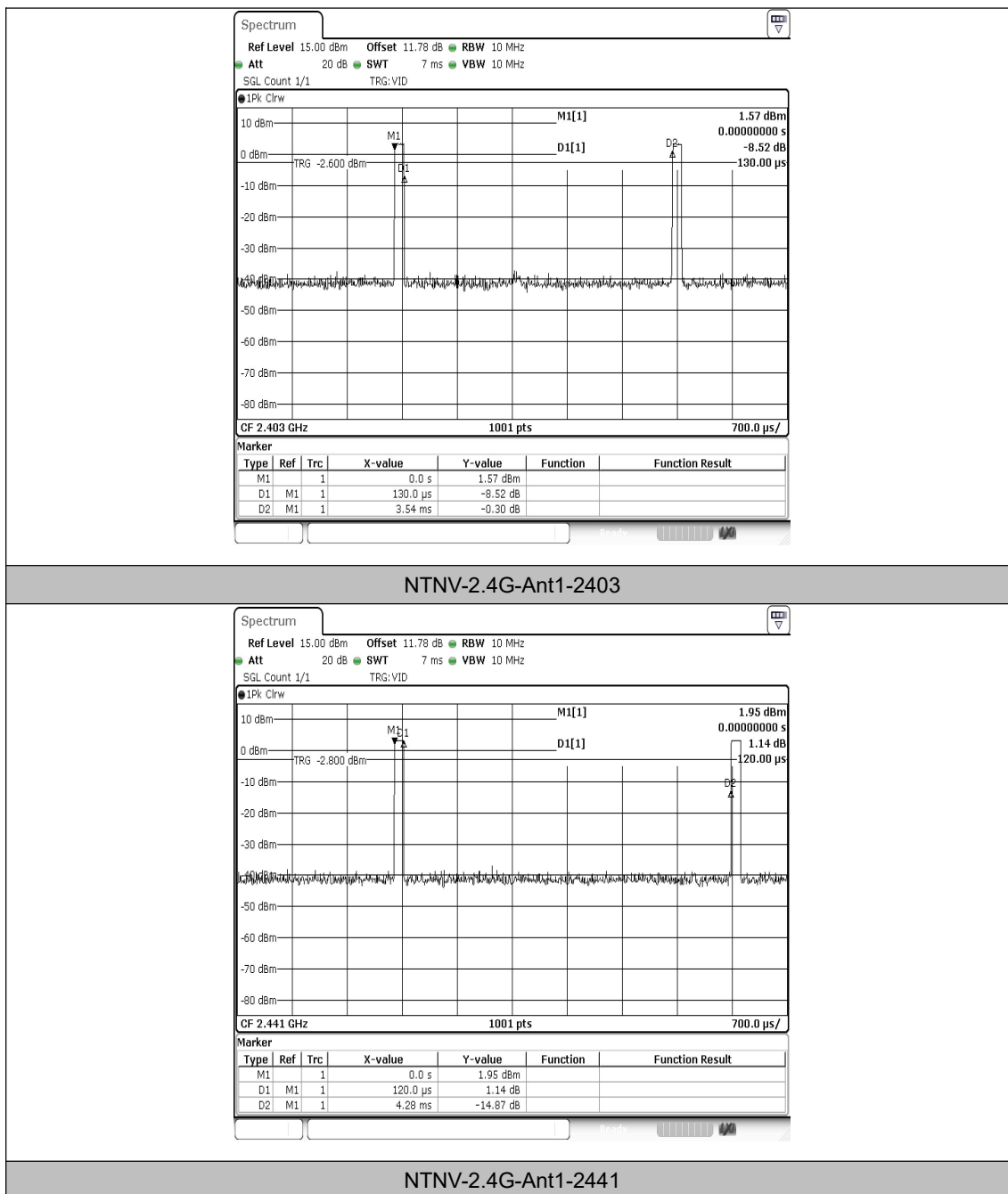
Appendix I: Duty Cycle

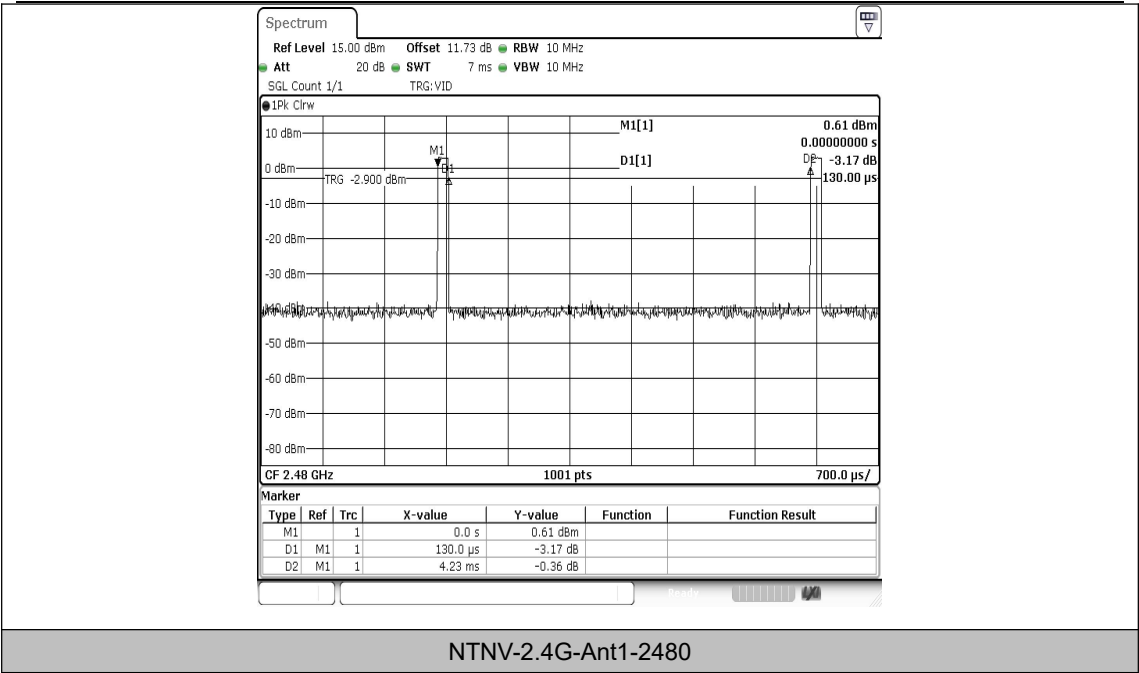
Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2403	0.13	3.54	3.67	14.35
2.4G	Ant1	2441	0.12	4.28	2.80	15.53
2.4G	Ant1	2480	0.13	4.23	3.07	15.13



Test Graphs





---End---