

Appendix Test Data

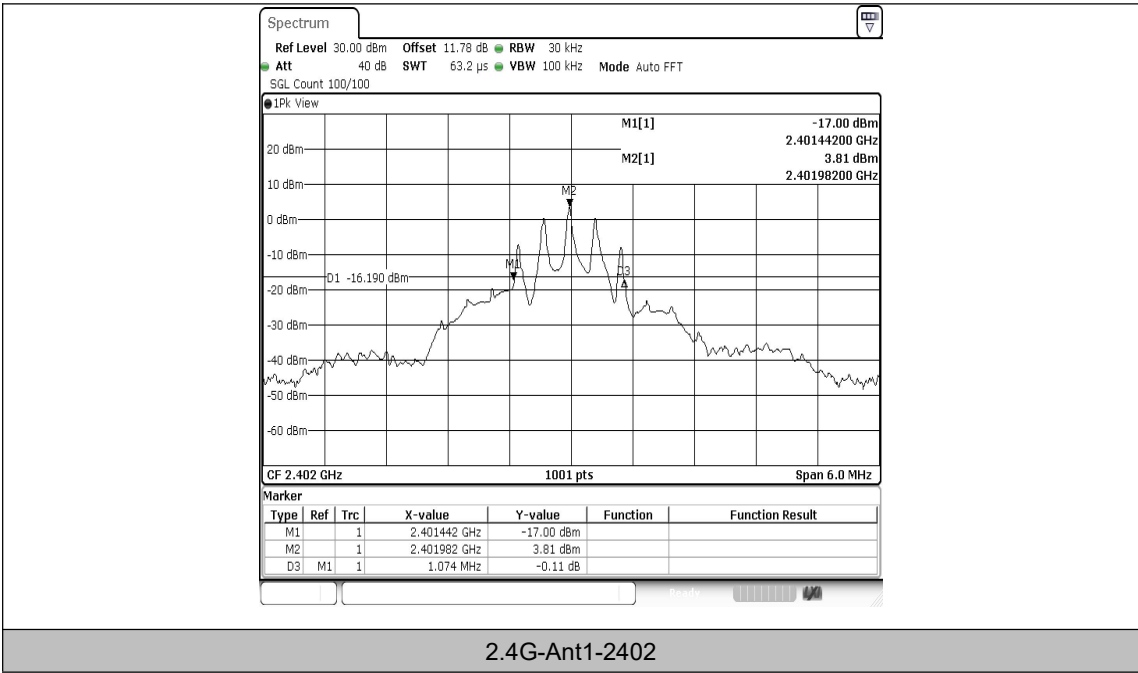
Report No.:	1812C40171212501	Test Sample No.:	1-2-2
Start Test Date:	2024.12.6	Finish Test Date:	2024.12.17
Test Engineer:	Joker Huang	Auditor:	Justin Feng
Temperature:	22.1℃	Relative Humidity:	51%
Pressure:	101kPa		

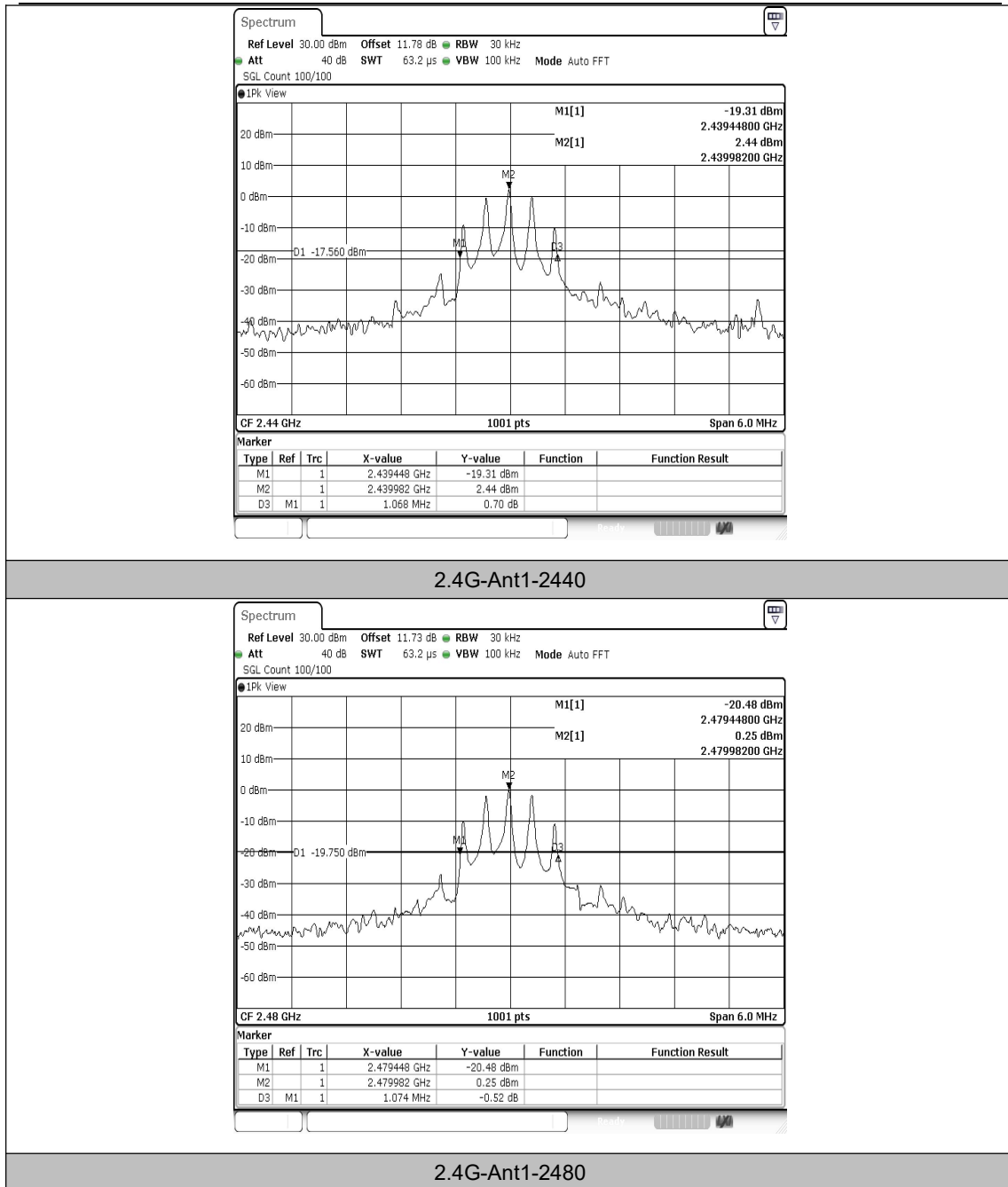
Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2402	1.07	2401.44	2402.52	---	---
2.4G	Ant1	2440	1.07	2439.45	2440.52	---	---
2.4G	Ant1	2480	1.07	2479.45	2480.52	---	---

Test Graphs





Shenzhen Anbotech Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel: (86) 0755-26066440 Email: service@anbotech.com

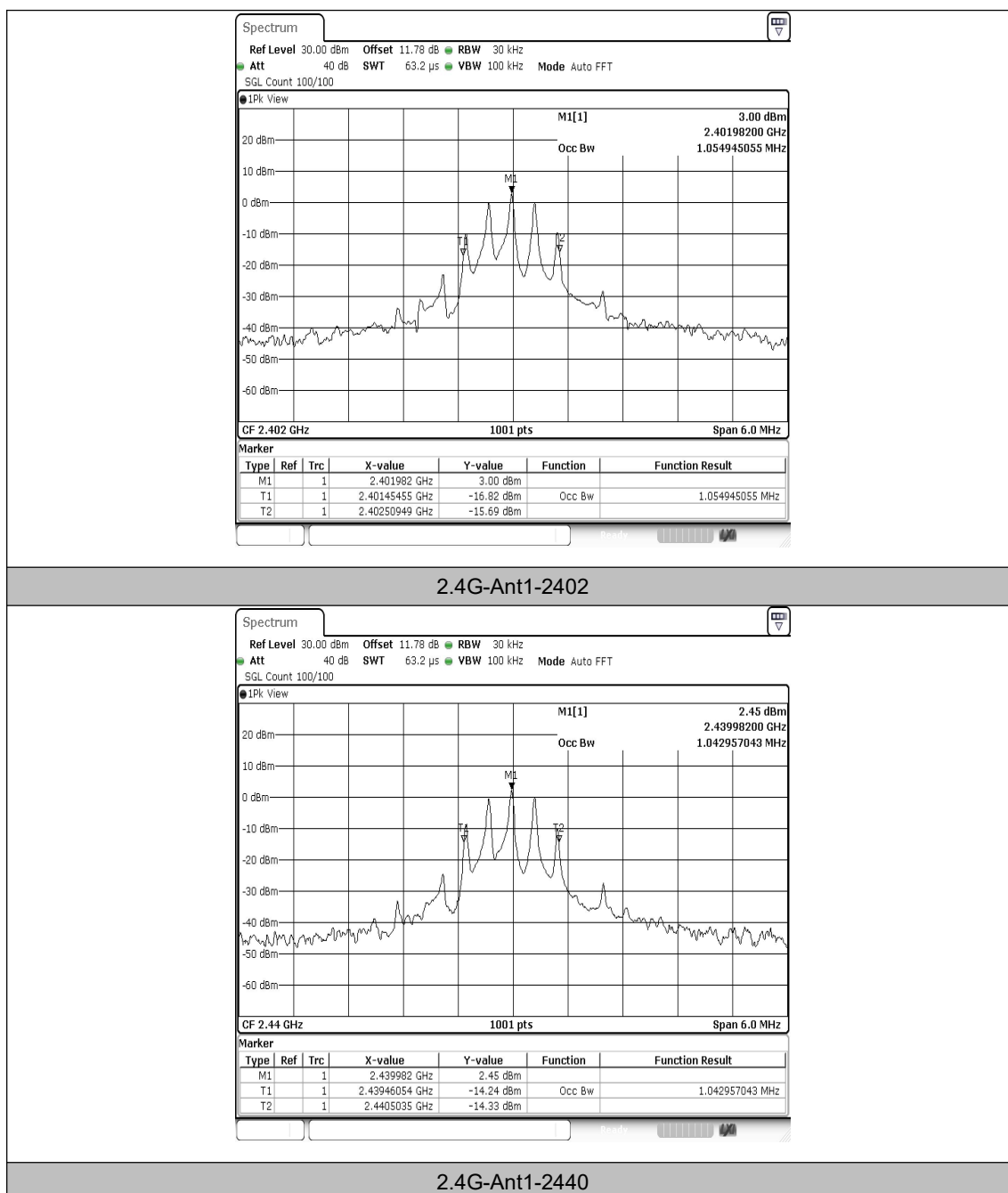
 Hotline
400-003-0500
www.anbotech.com

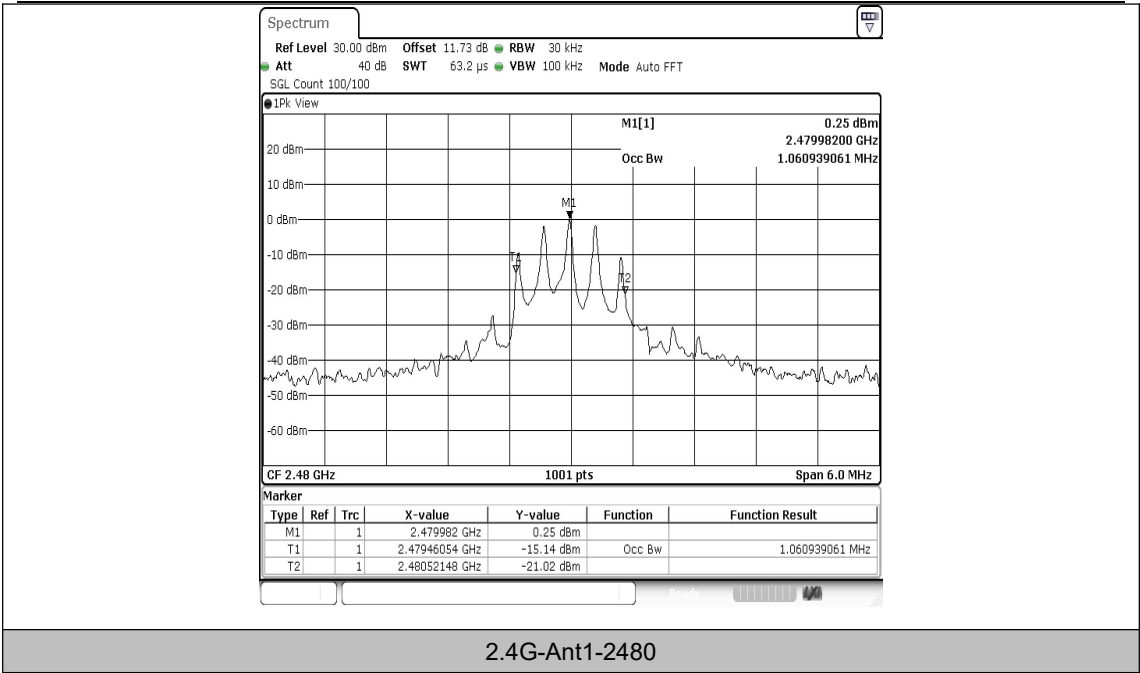
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2402	1.055	2401.4545	2402.5095	---	---
2.4G	Ant1	2440	1.043	2439.4605	2440.5035	---	---
2.4G	Ant1	2480	1.061	2479.4605	2480.5215	---	---

Test Graphs





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

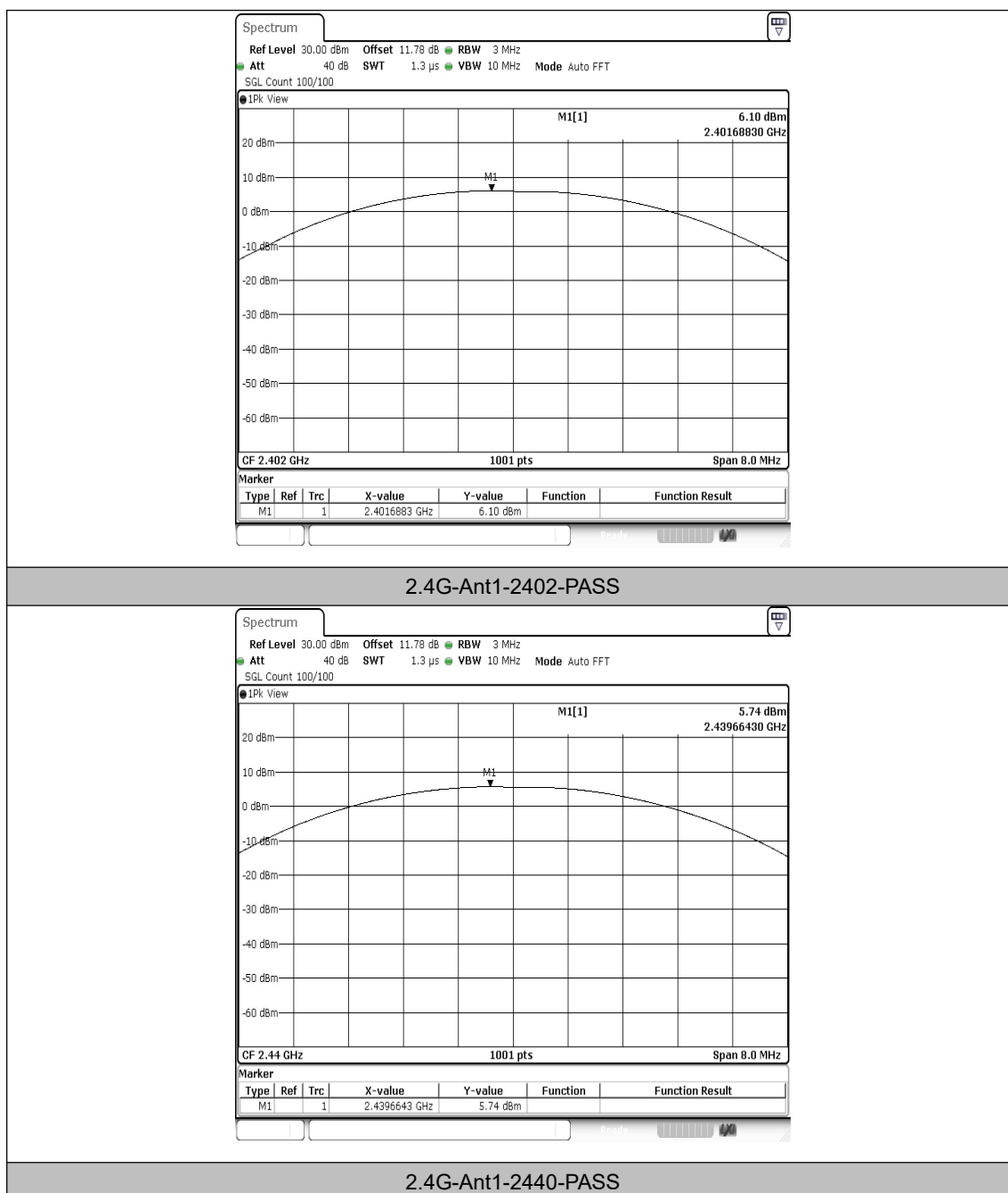
Hotline
400-003-0500
www.anbotek.com

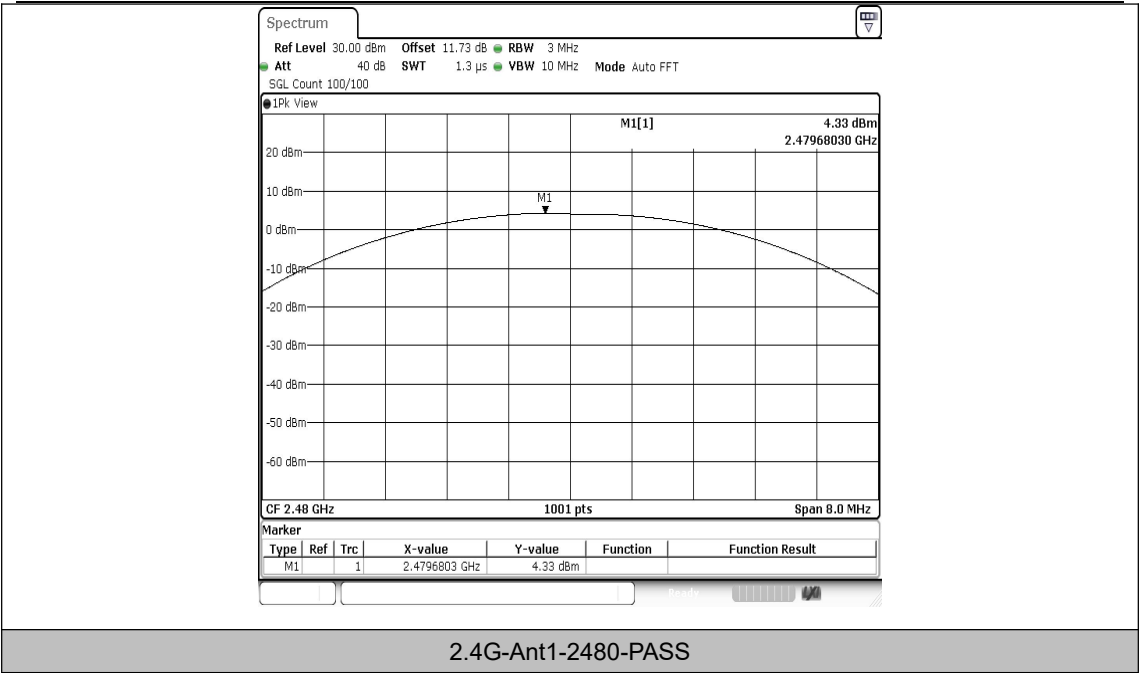
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2402	6.10	≤20.97	PASS
2.4G	Ant1	2440	5.74	≤20.97	PASS
2.4G	Ant1	2480	4.33	≤20.97	PASS

Test Graphs





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

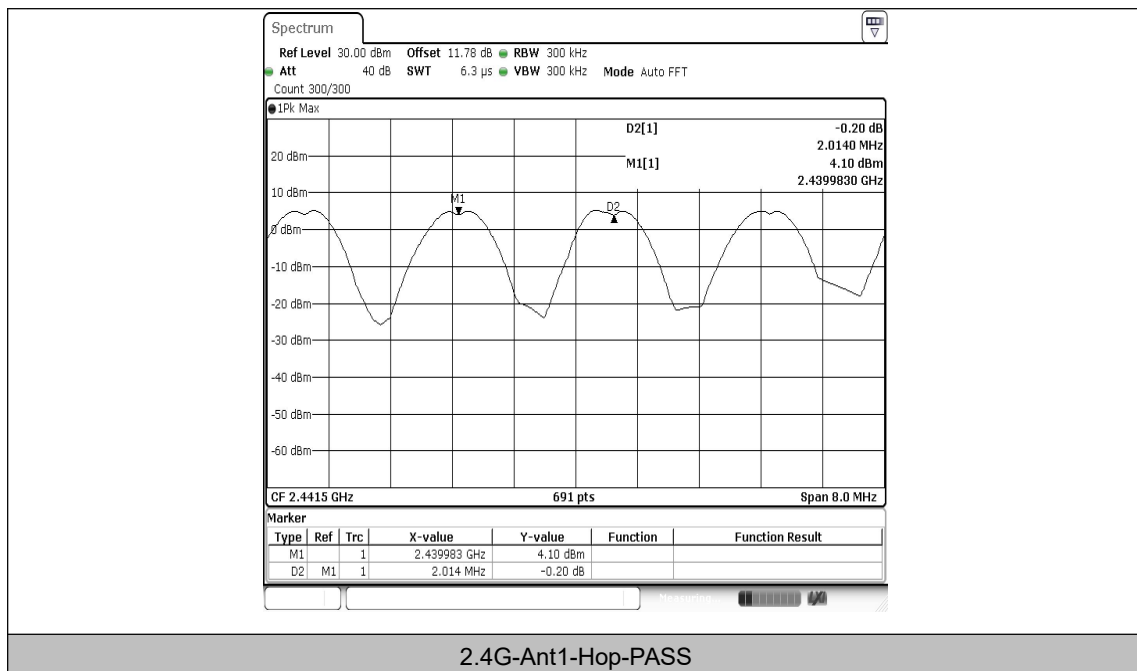
Hotline
400-003-0500
www.anbotek.com

Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
2.4G	Ant1	Hop	2.104	≥0.713	PASS

Test Graphs

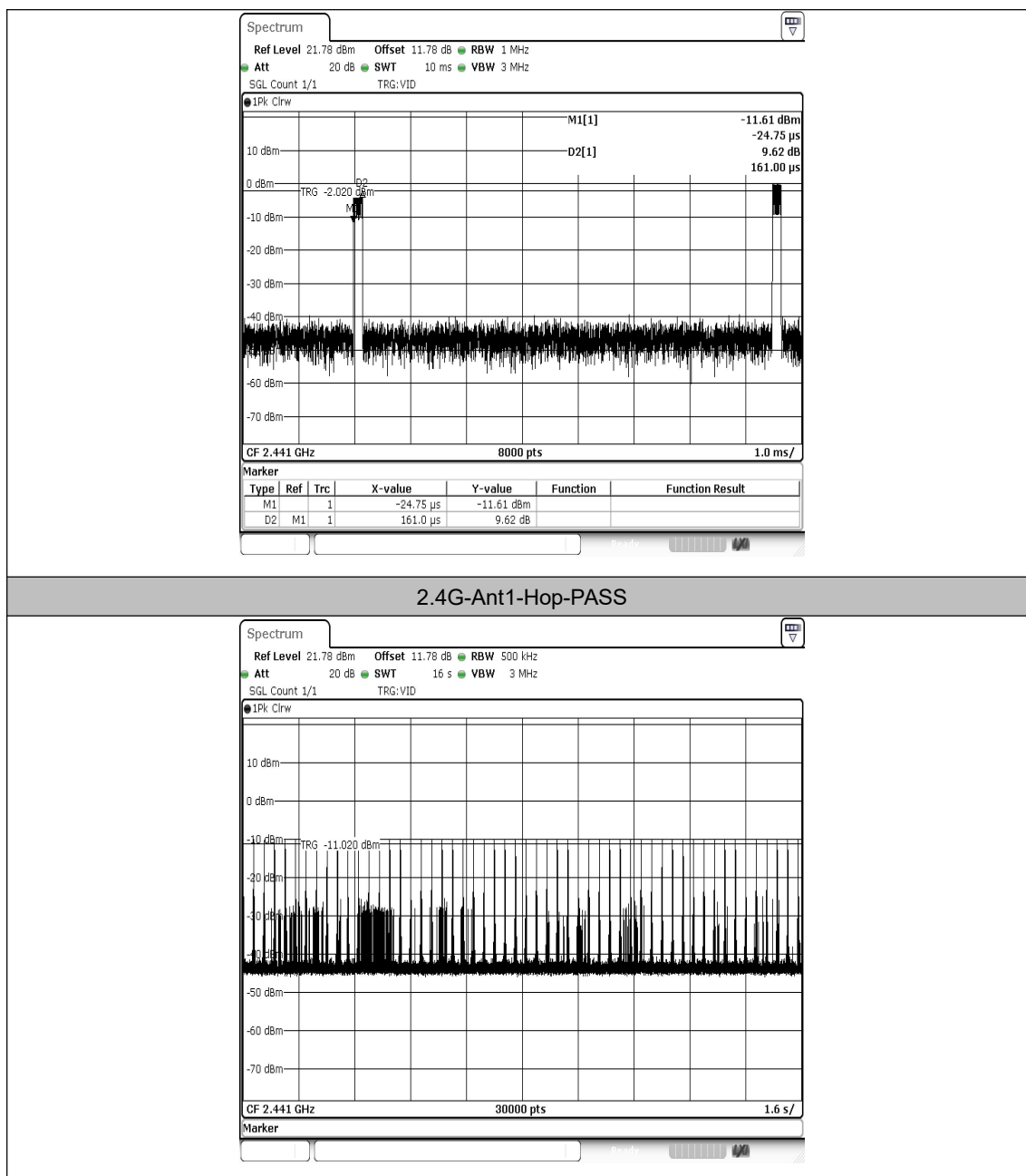


Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	0.161	63	0.0101	≤0.4	PASS

Test Graphs

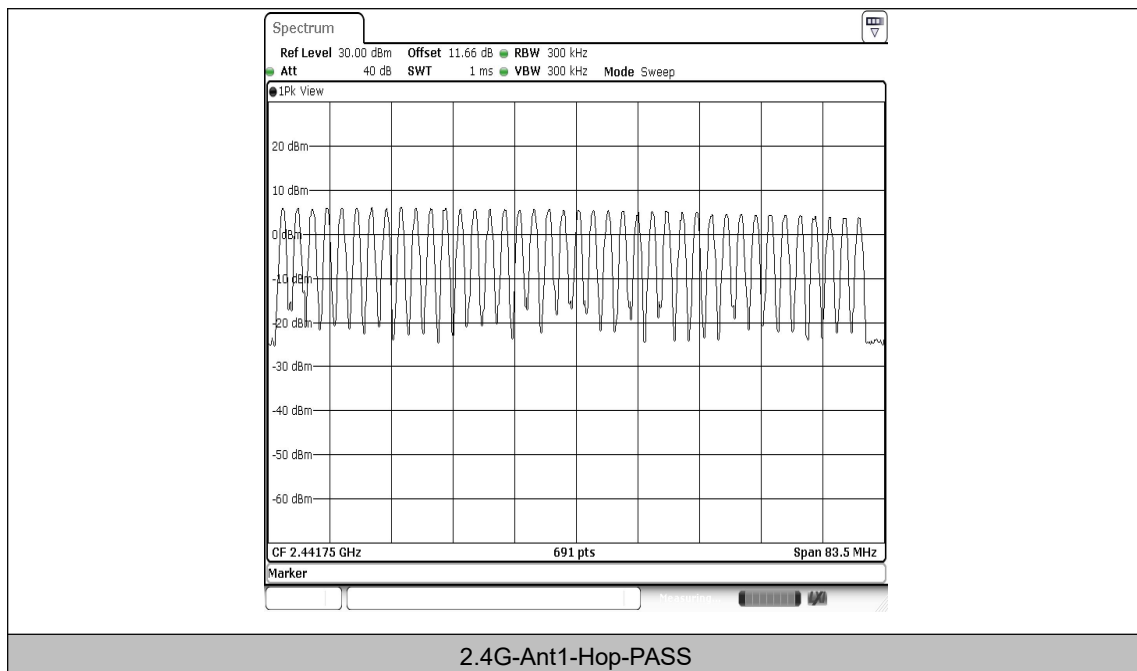


Appendix F: Number of Hopping Channel

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [Num]	Limit [Num]	Verdict
2.4G	Ant1	Hop	40	≥15	PASS

Test Graphs

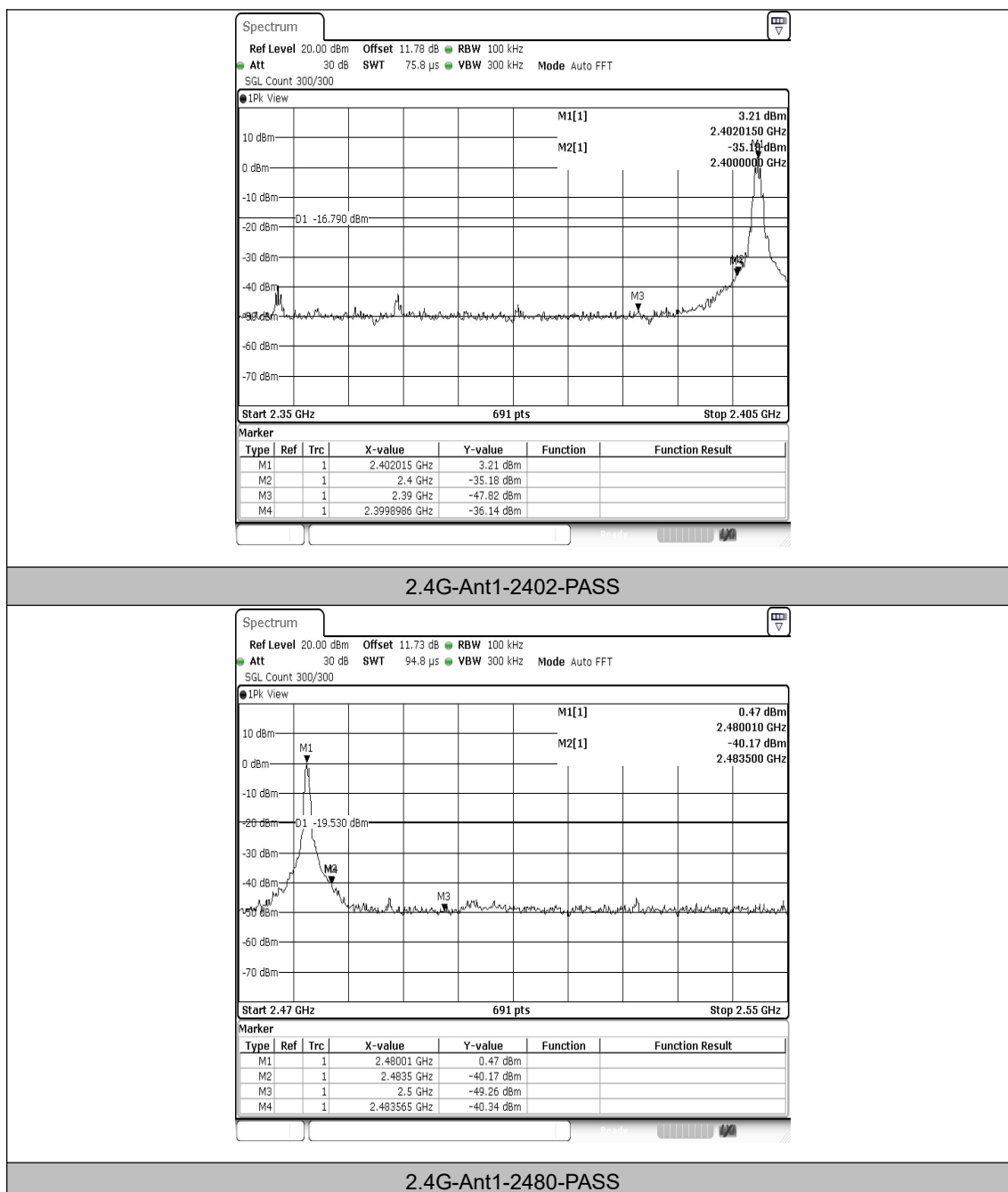


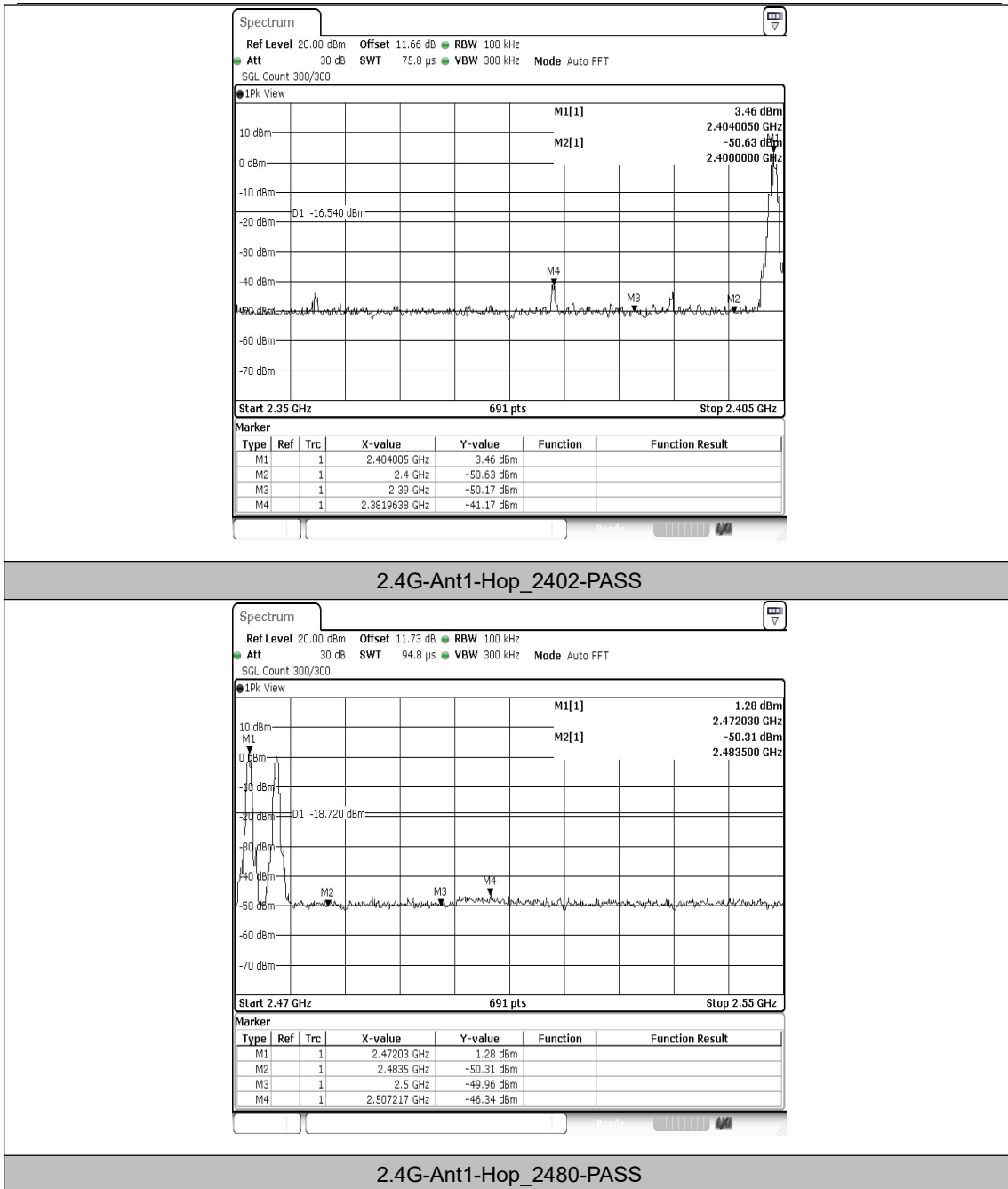
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2402	3.21	-36.14	≤-16.79	PASS
2.4G	Ant1	High	2480	0.47	-40.34	≤-19.53	PASS
2.4G	Ant1	Low	Hop_2402	3.46	-41.17	≤-16.54	PASS
2.4G	Ant1	High	Hop_2480	1.28	-46.34	≤-18.72	PASS

Test Graphs



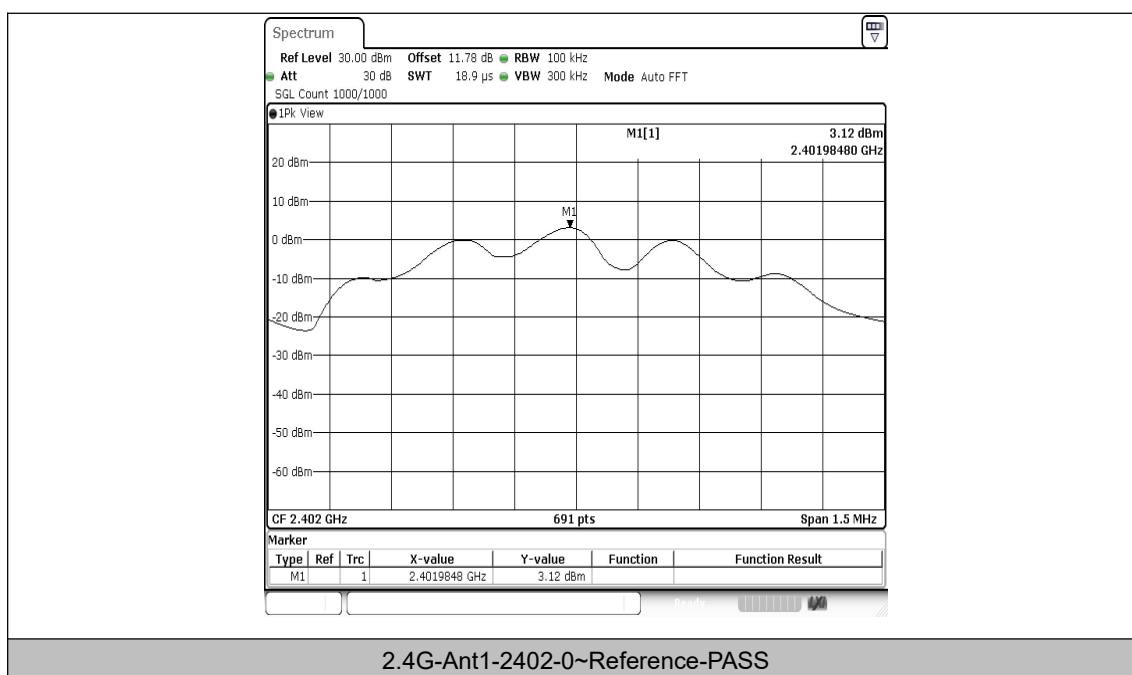


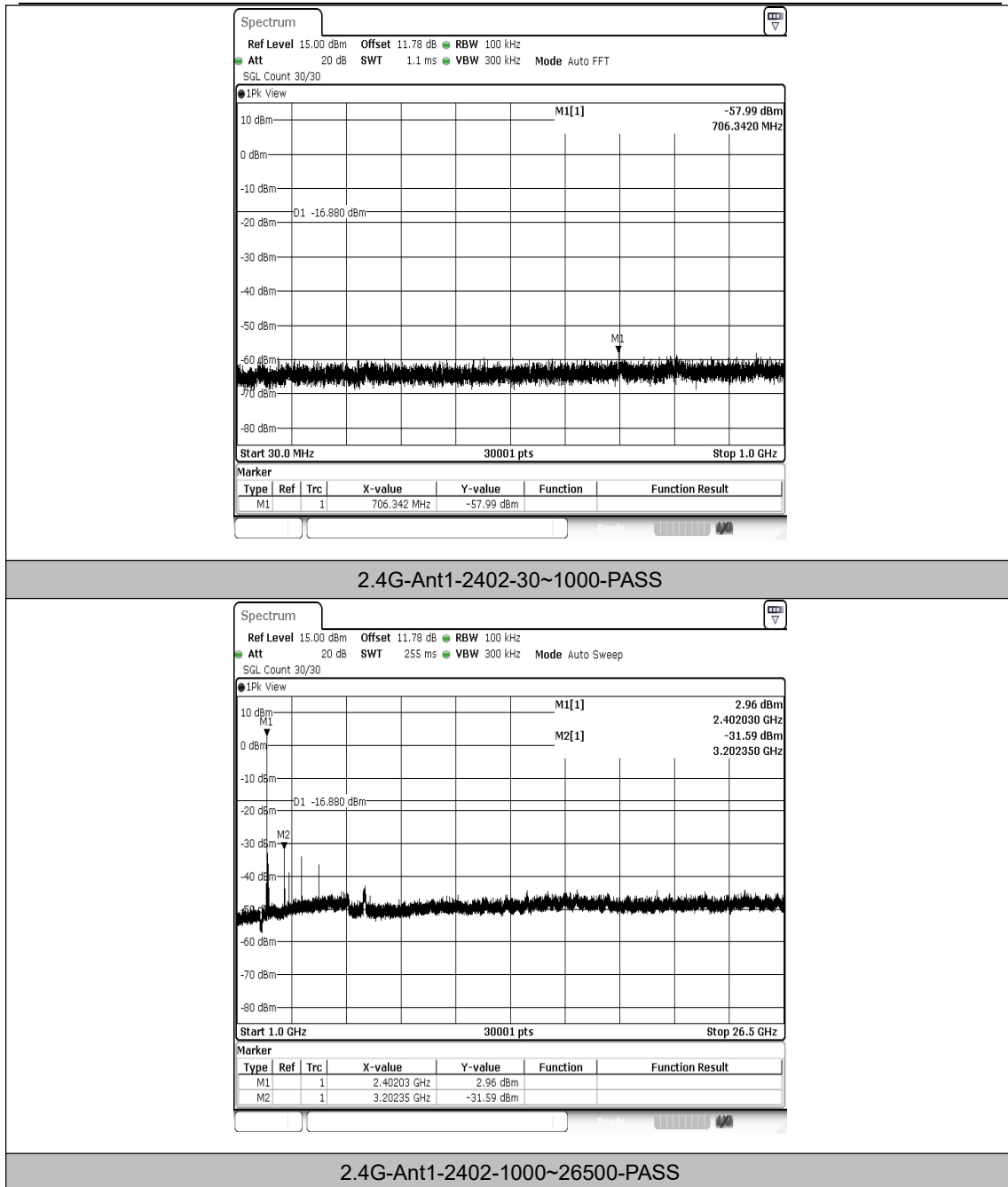
Appendix H: Conducted Spurious Emission

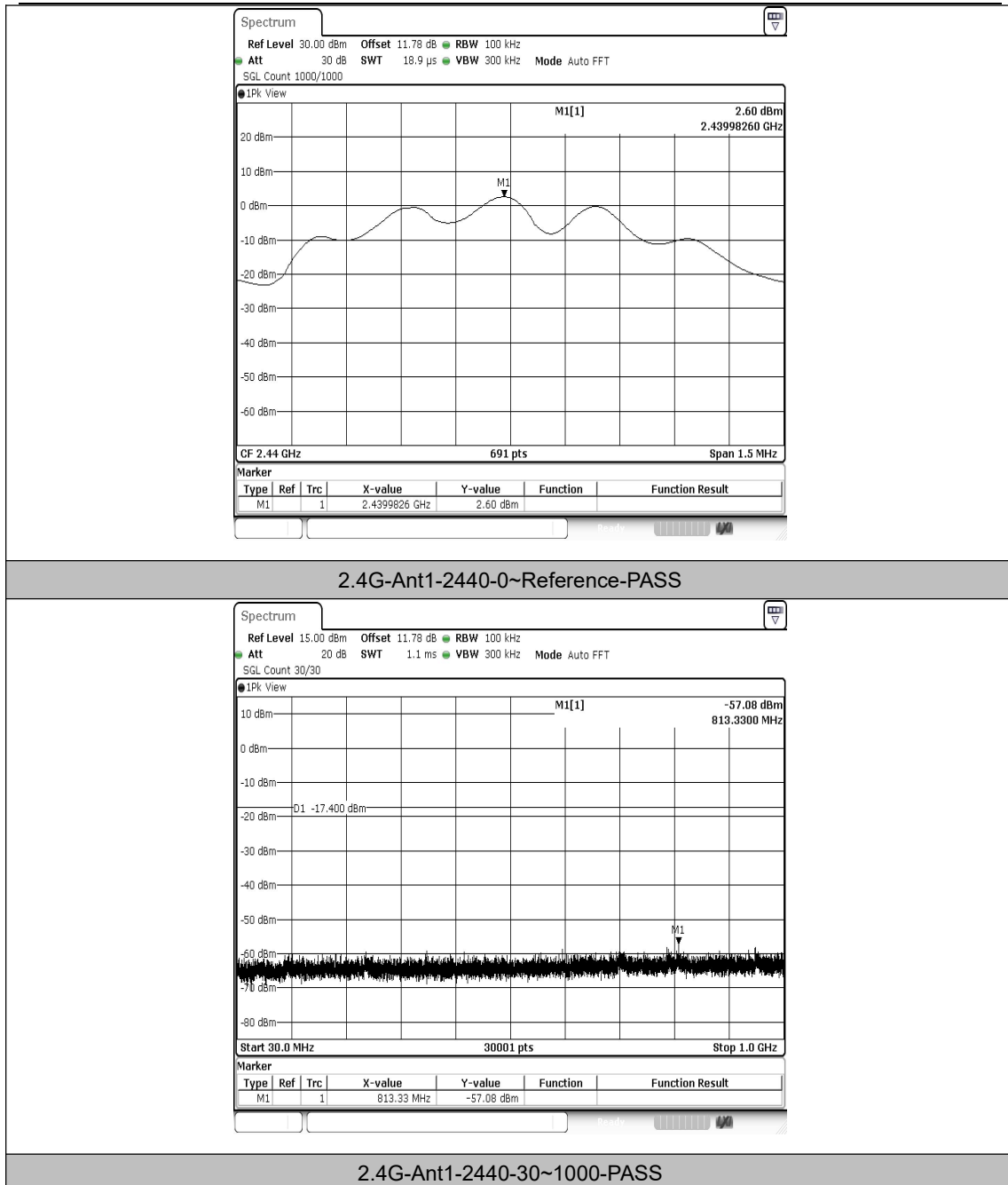
Test Result

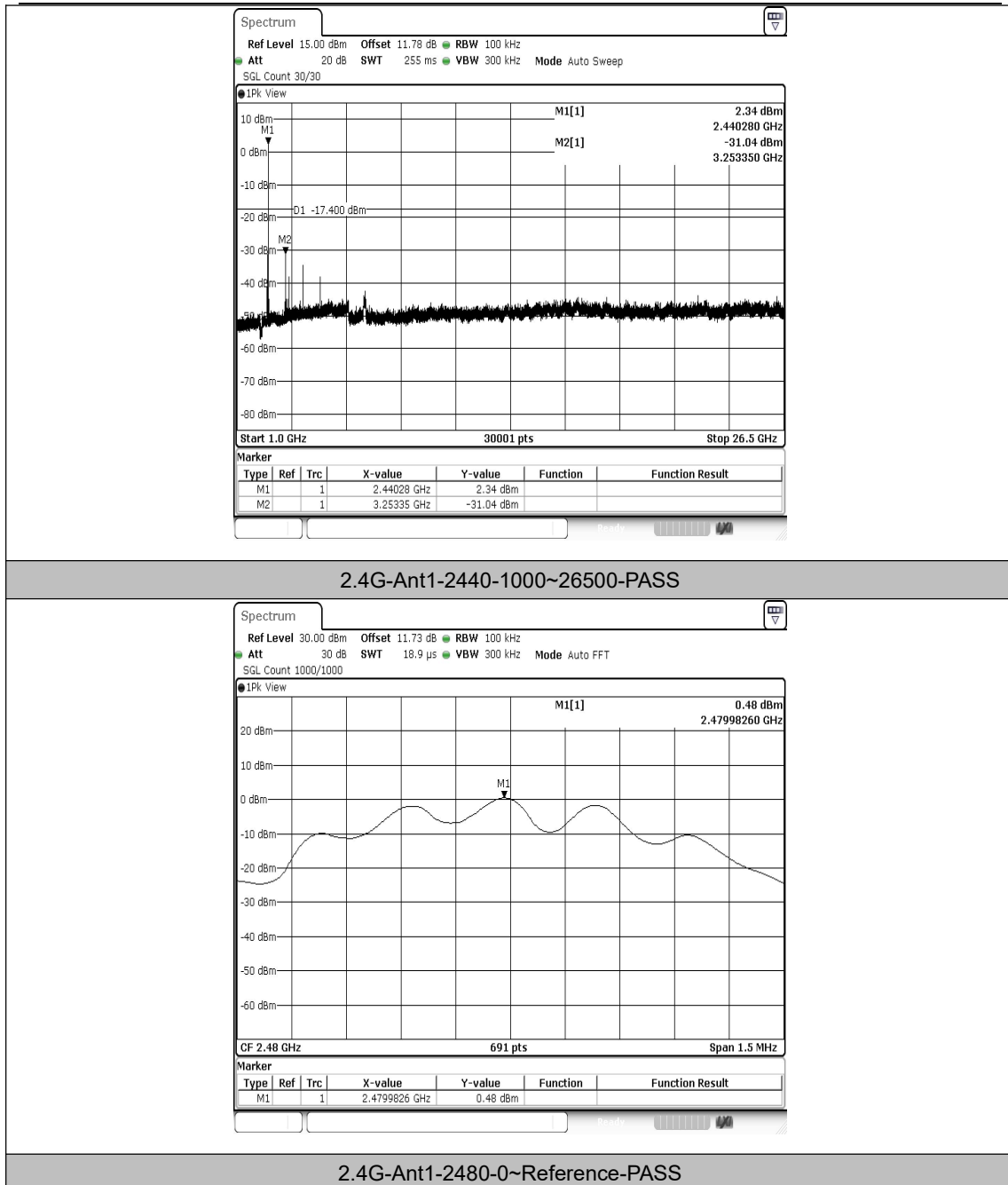
Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2402	0~Reference	3.12	3.12	---	PASS
2.4G	Ant1	2402	30~1000	3.12	-57.99	≤-16.88	PASS
2.4G	Ant1	2402	1000~26500	3.12	-31.59	≤-16.88	PASS
2.4G	Ant1	2440	0~Reference	2.60	2.60	---	PASS
2.4G	Ant1	2440	30~1000	2.60	-57.08	≤-17.4	PASS
2.4G	Ant1	2440	1000~26500	2.60	-31.04	≤-17.4	PASS
2.4G	Ant1	2480	0~Reference	0.48	0.48	---	PASS
2.4G	Ant1	2480	30~1000	0.48	-58.3	≤-19.52	PASS
2.4G	Ant1	2480	1000~26500	0.48	-31.87	≤-19.52	PASS

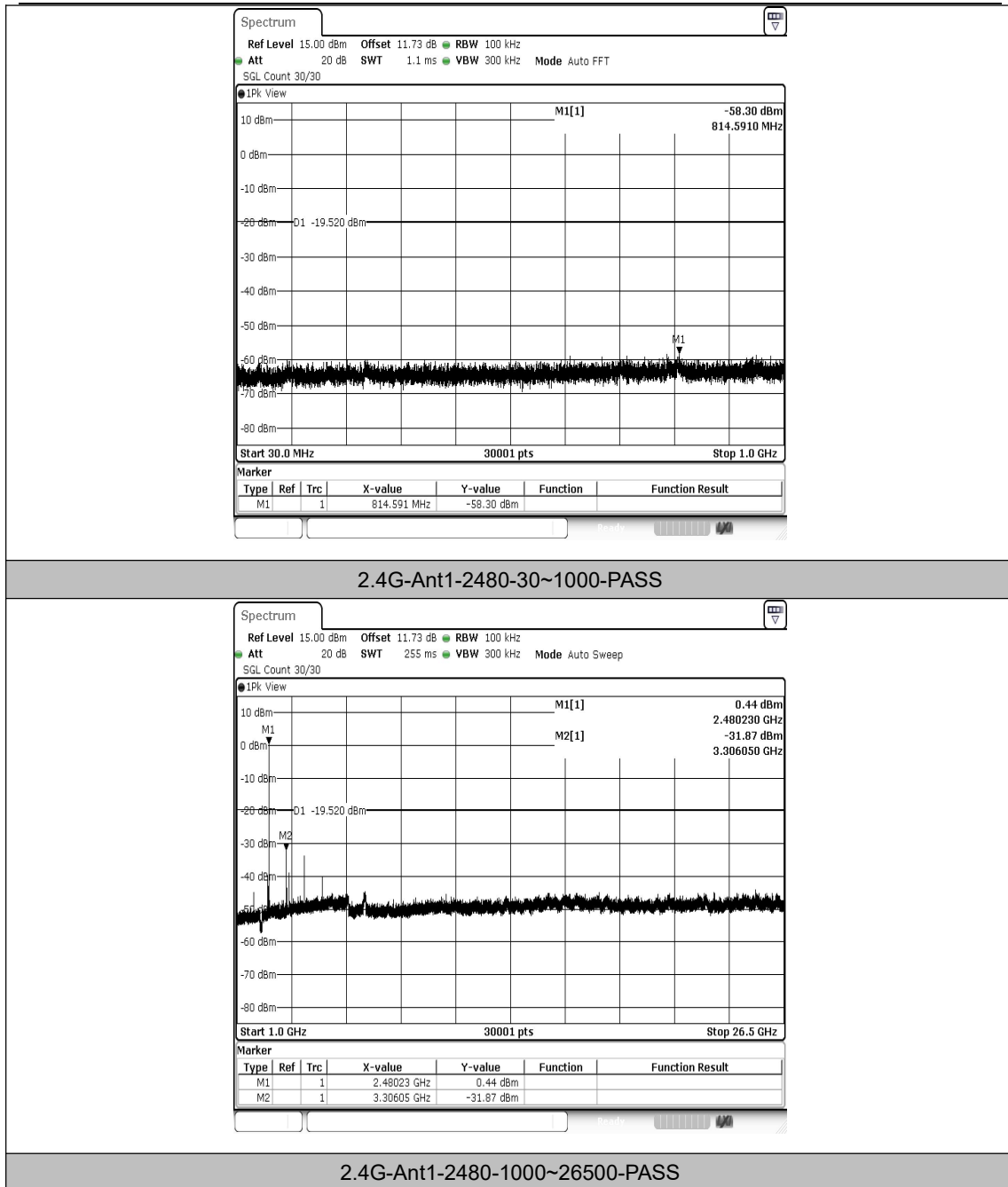
Test Graphs









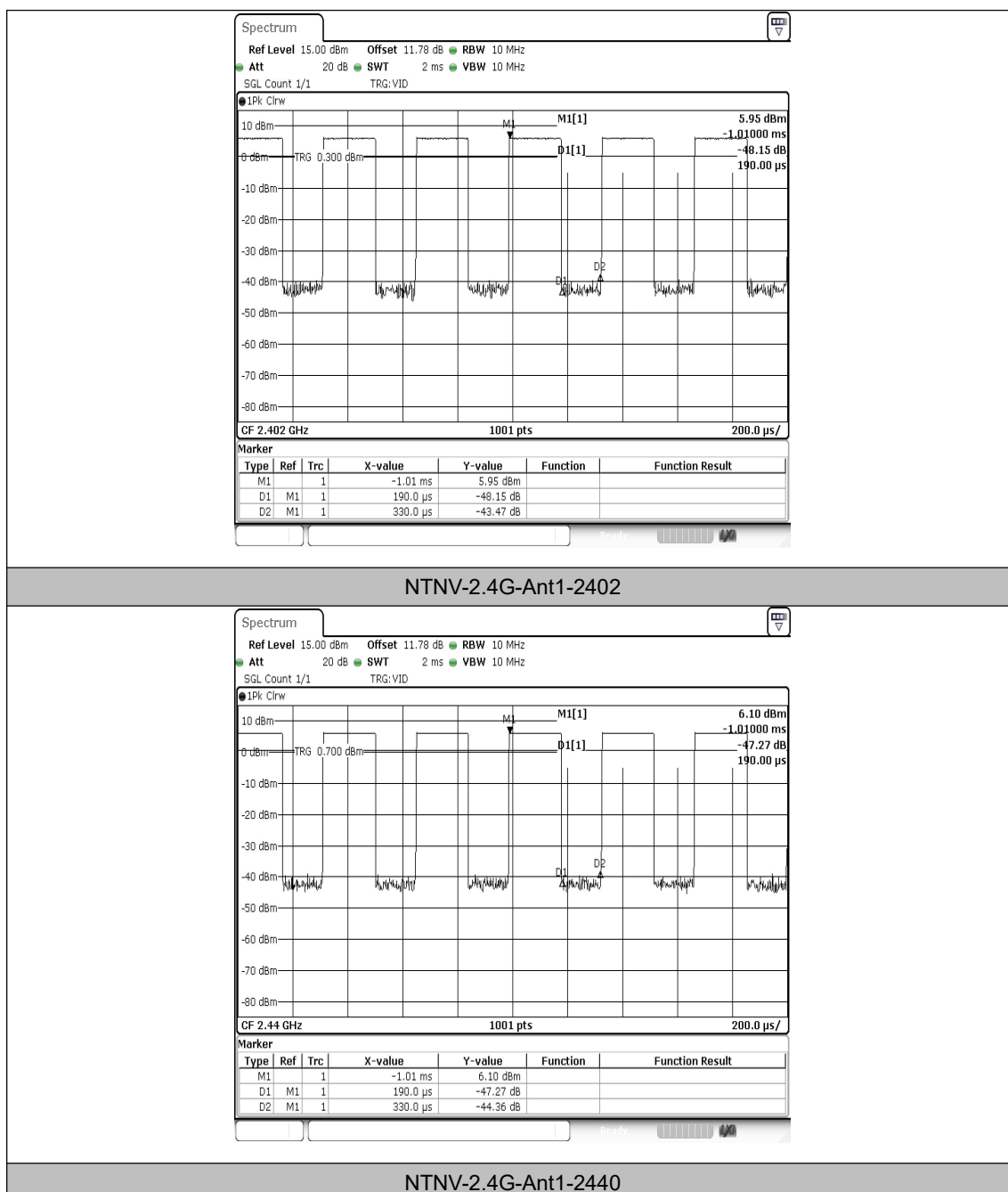


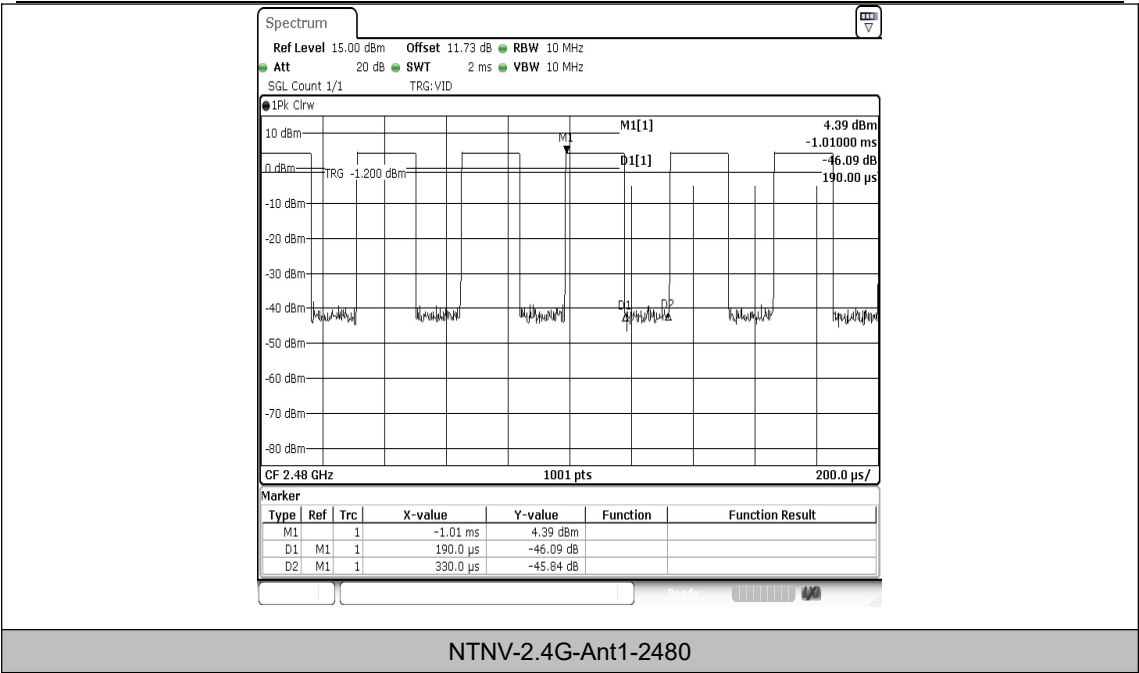
Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2402	0.19	0.33	57.58	2.40
2.4G	Ant1	2440	0.19	0.33	57.58	2.40
2.4G	Ant1	2480	0.19	0.33	57.58	2.40

Test Graphs





---End---