

Appendix Test Data

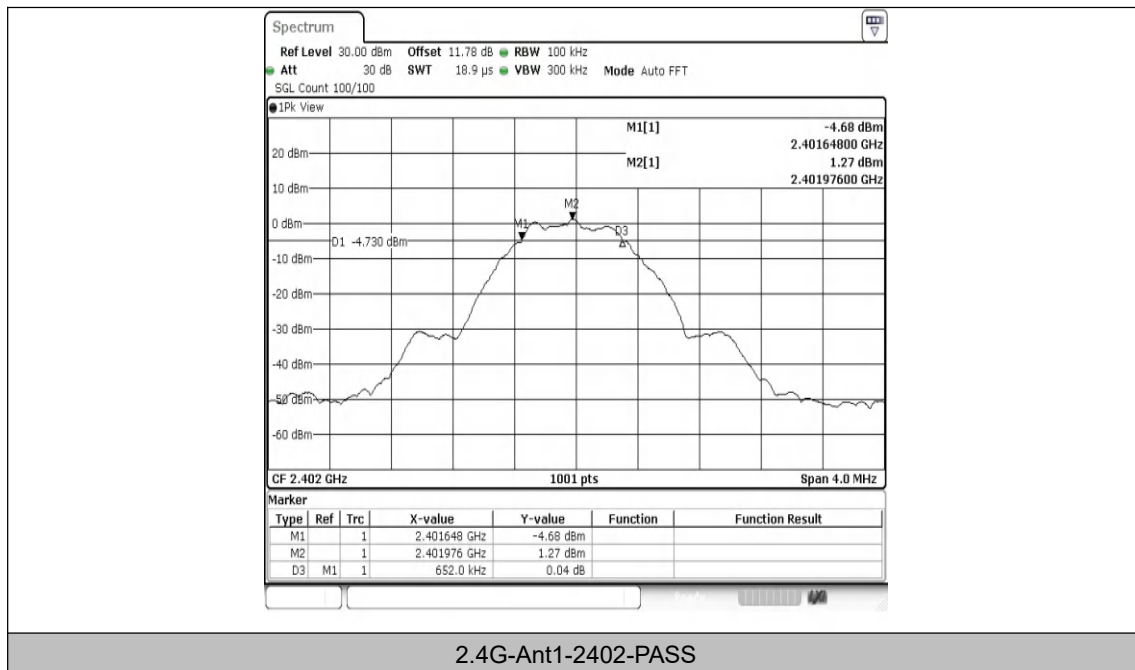
Report No.:	1813C50066112502	Test Sample No.:	1-2-2
Start Test Date:	2025.2.27	Finish Test Date:	2025.3.3
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	23.2°C	Relative Humidity:	49%
Pressure:	101kPa		

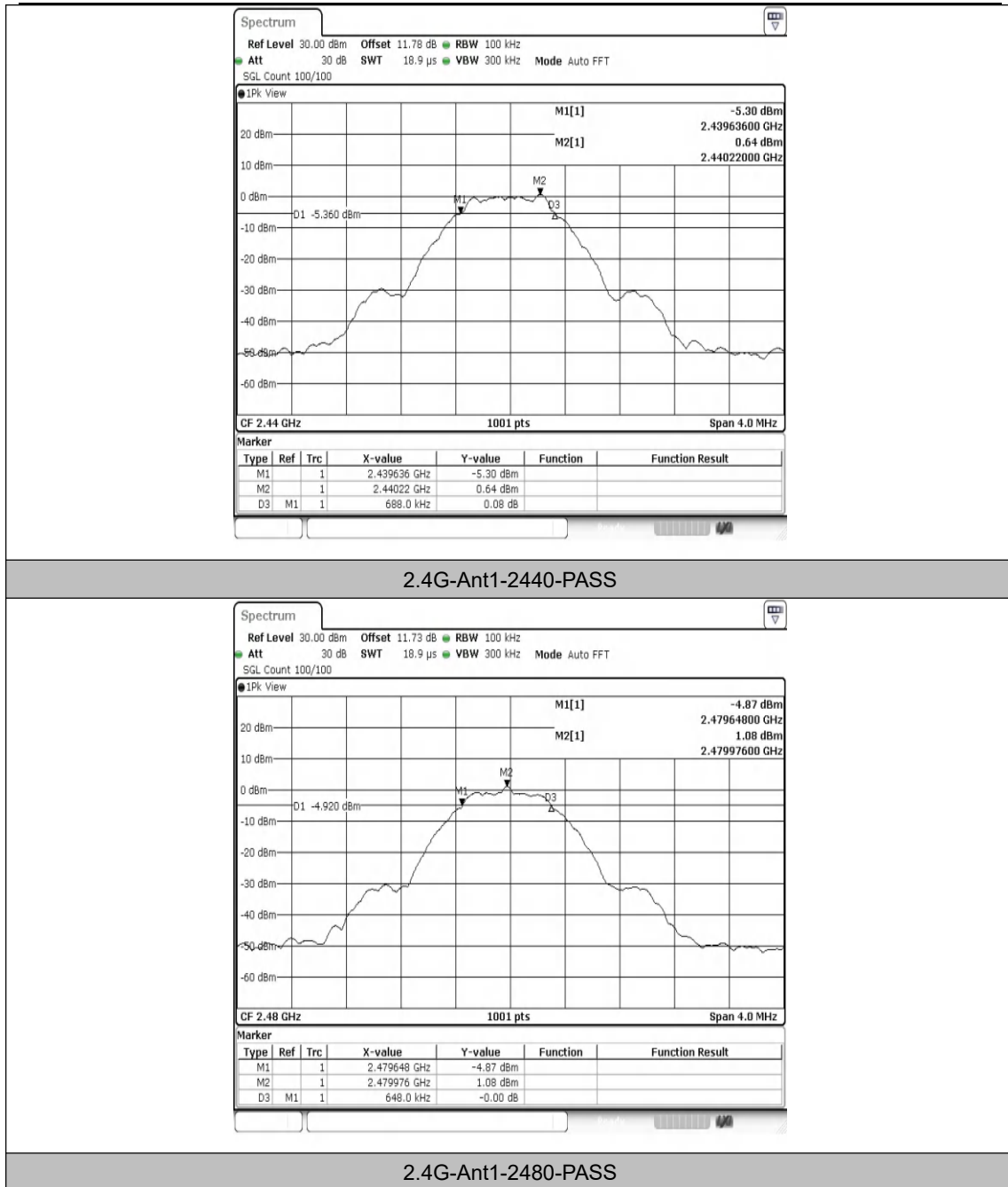
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2402	0.65	2401.65	2402.30	0.5	PASS
2.4G	Ant1	2440	0.69	2439.64	2440.32	0.5	PASS
2.4G	Ant1	2480	0.65	2479.65	2480.30	0.5	PASS

Test Graphs



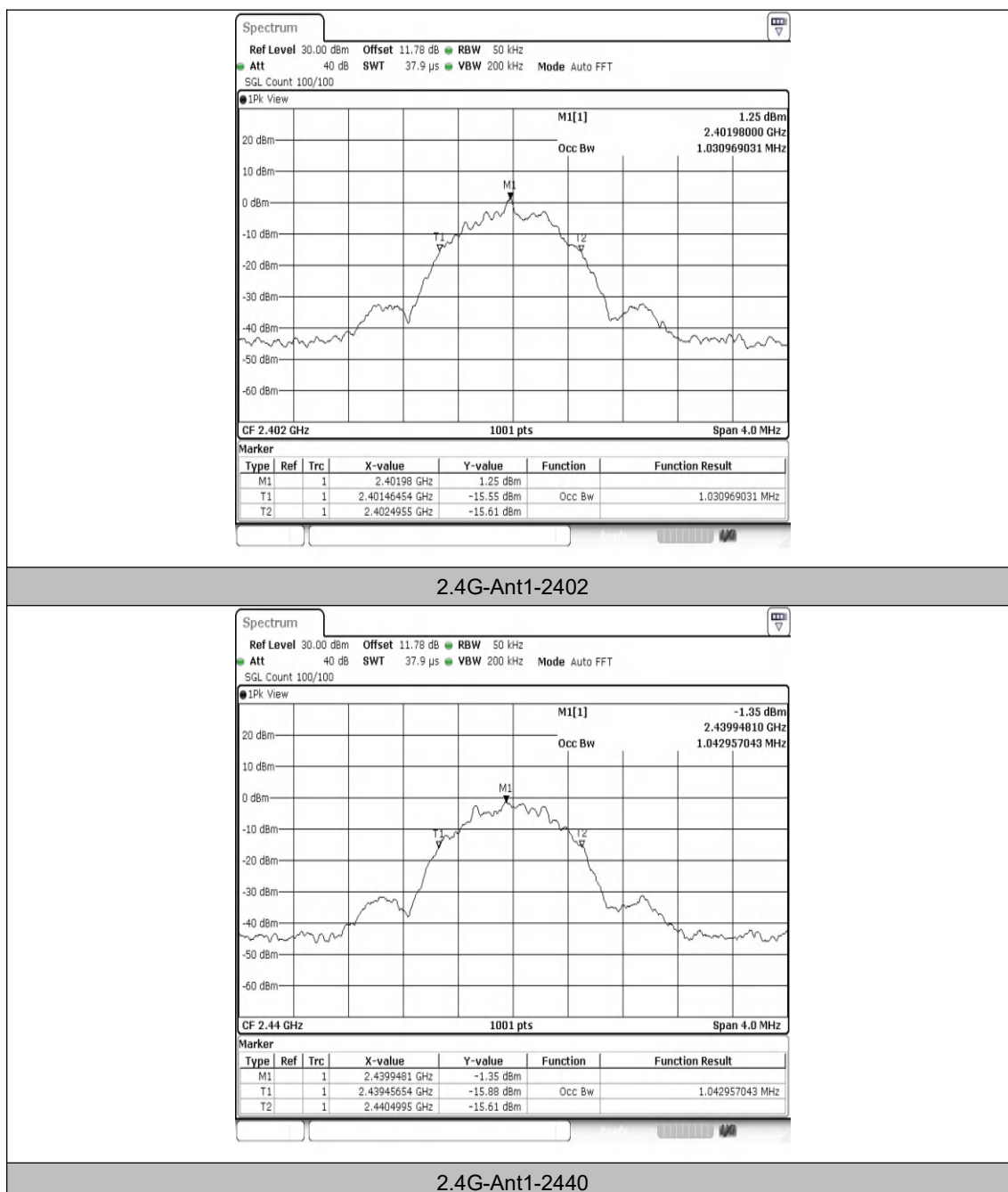


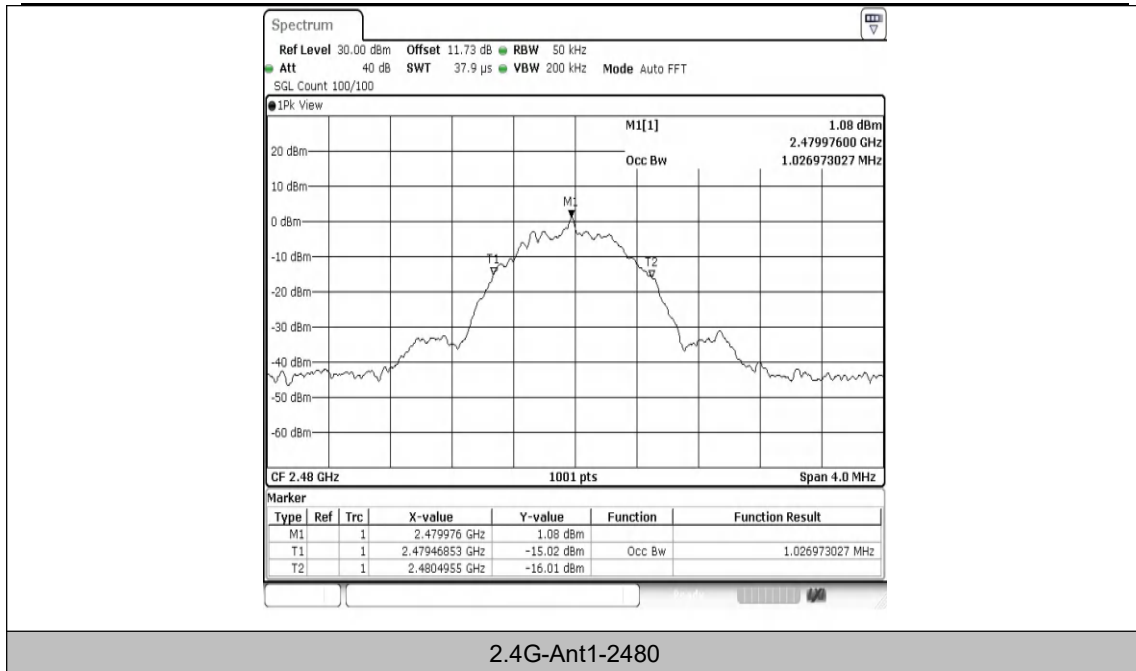
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2402	1.031	2401.4645	2402.4955	---	---
2.4G	Ant1	2440	1.043	2439.4565	2440.4995	---	---
2.4G	Ant1	2480	1.027	2479.4685	2480.4955	---	---

Test Graphs





Shenzhen Anbotek 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

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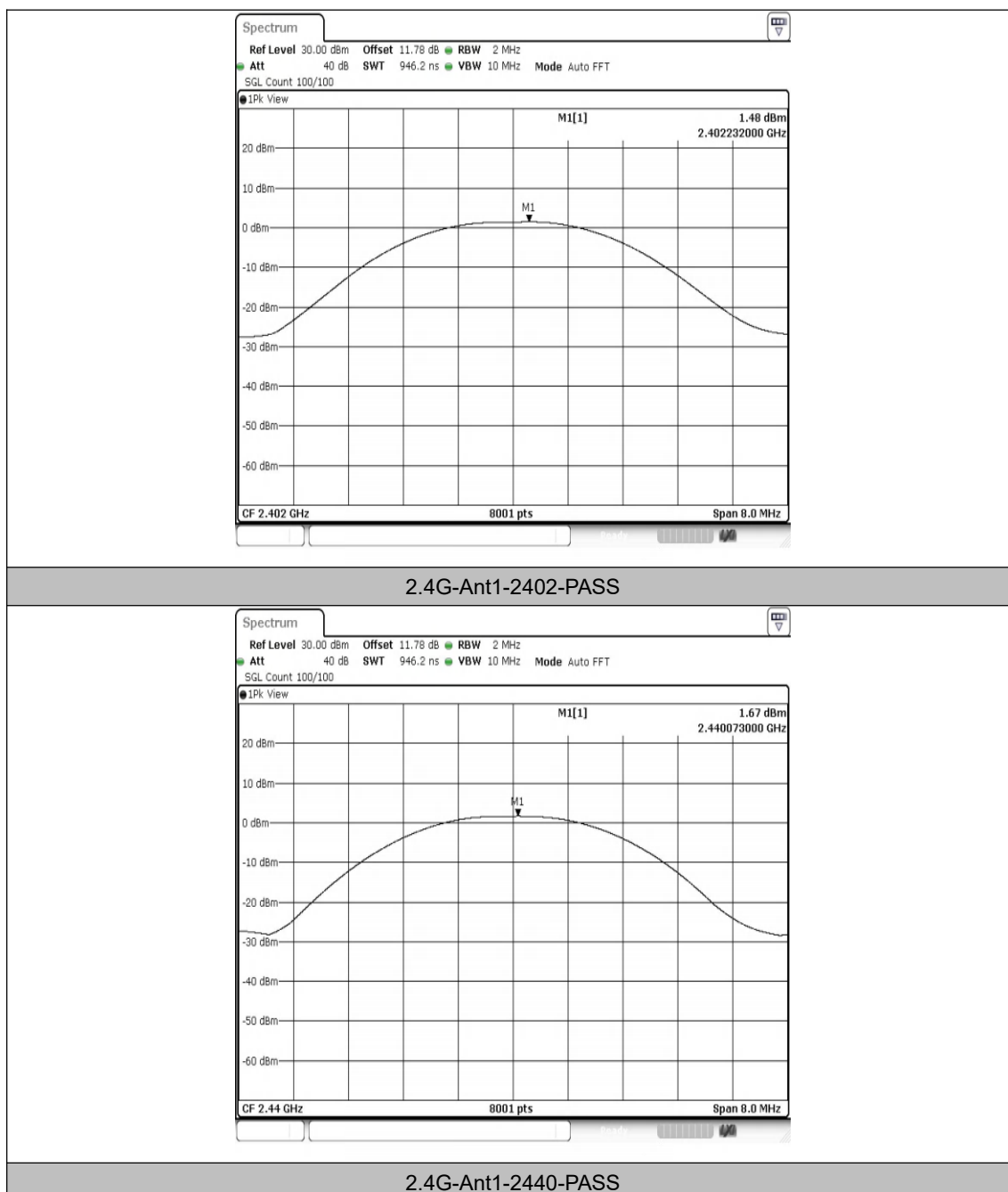
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2402	1.48	≤30	PASS
2.4G	Ant1	2440	1.67	≤30	PASS
2.4G	Ant1	2480	1.27	≤30	PASS

Test Graphs Peak

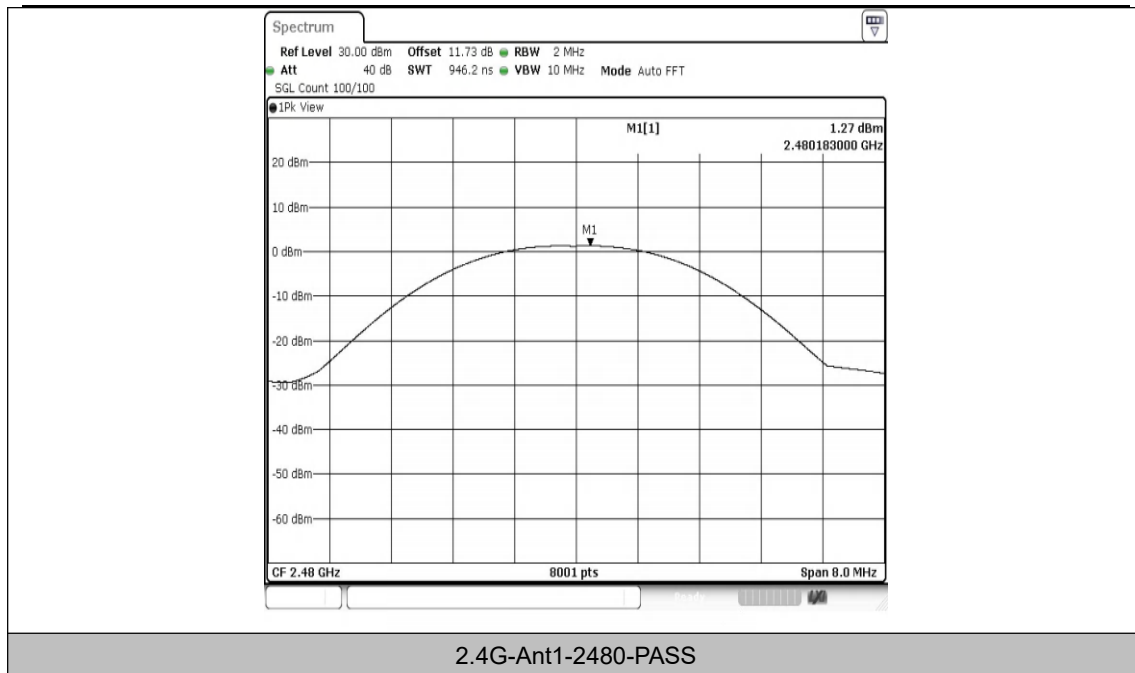


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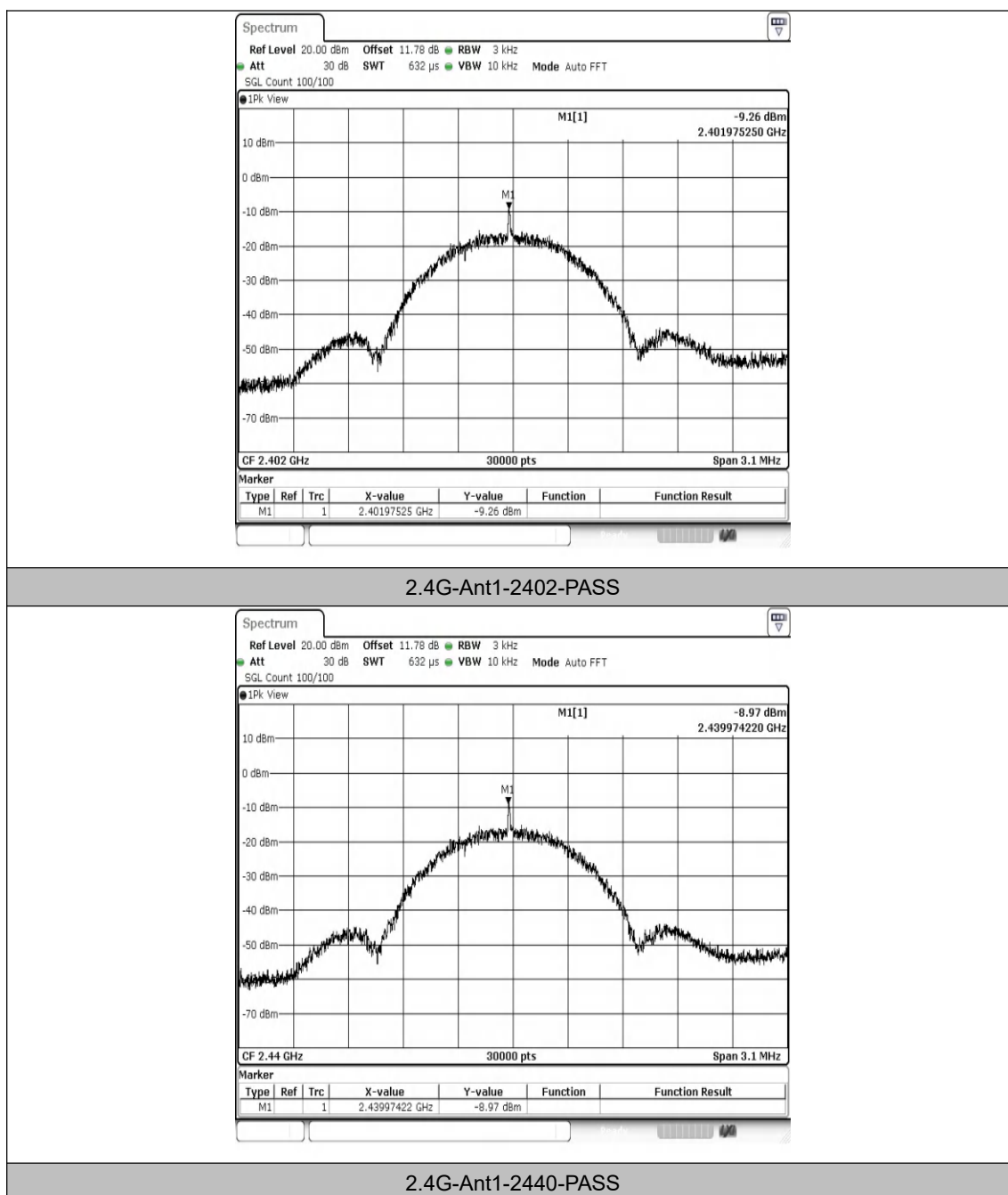
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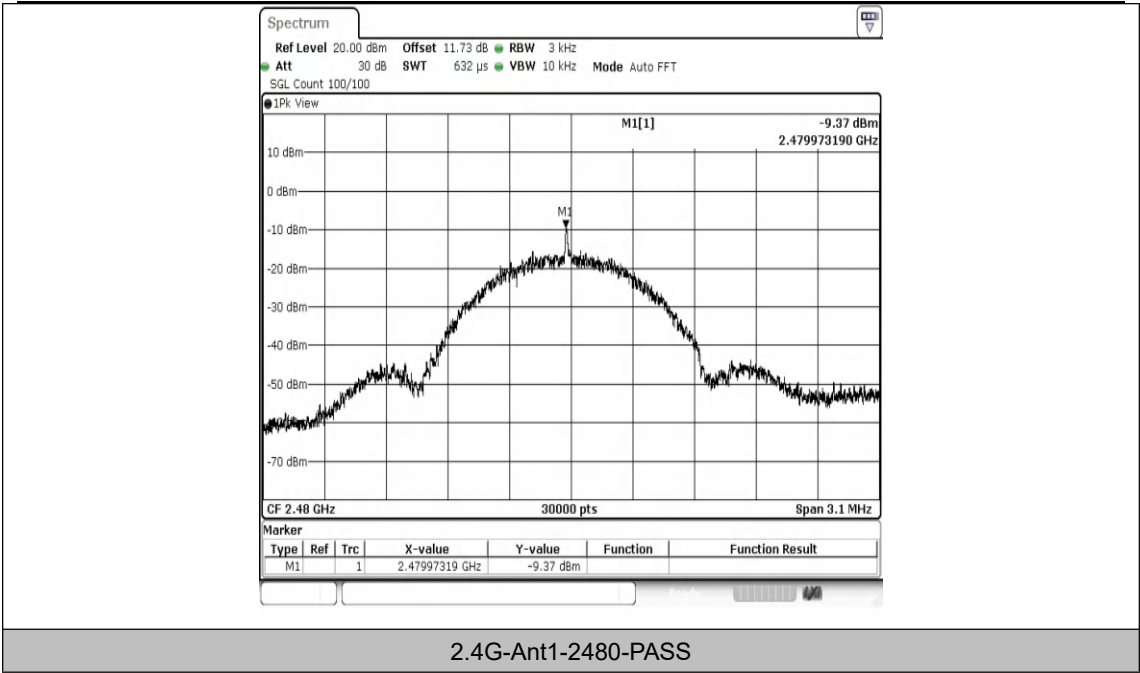
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
2.4G	Ant1	2402	-9.26	≤8.00	PASS
2.4G	Ant1	2440	-8.97	≤8.00	PASS
2.4G	Ant1	2480	-9.37	≤8.00	PASS

Test Graphs





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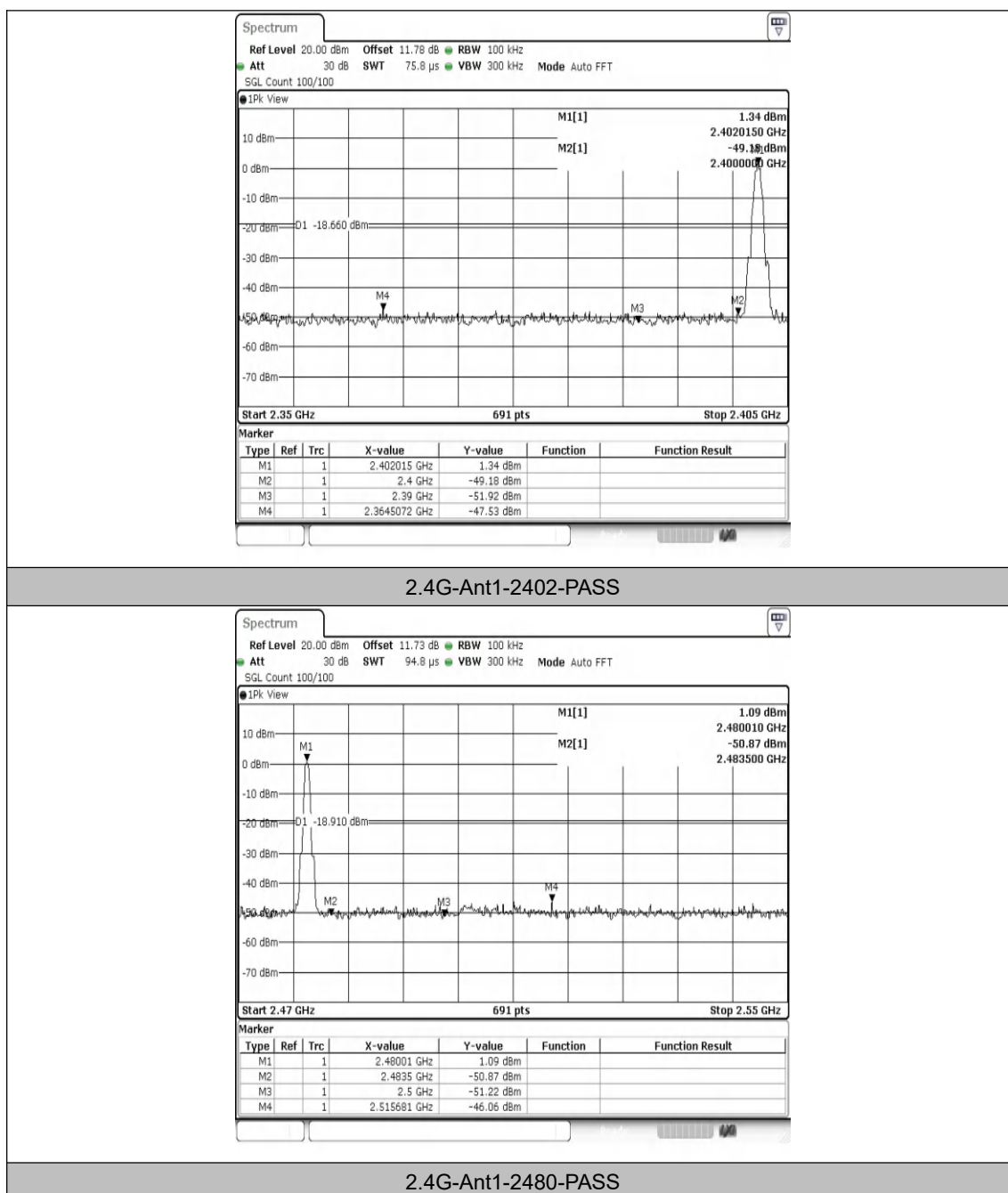
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2402	1.34	-47.53	≤-18.66	PASS
2.4G	Ant1	High	2480	1.09	-46.06	≤-18.91	PASS

Test Graphs

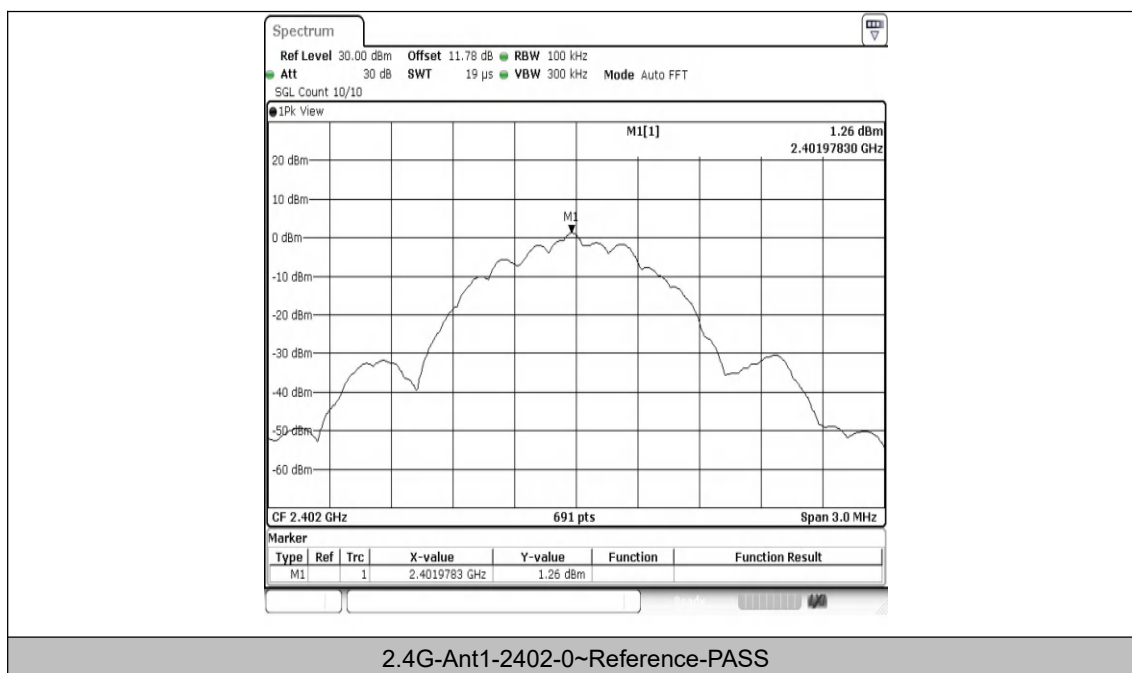


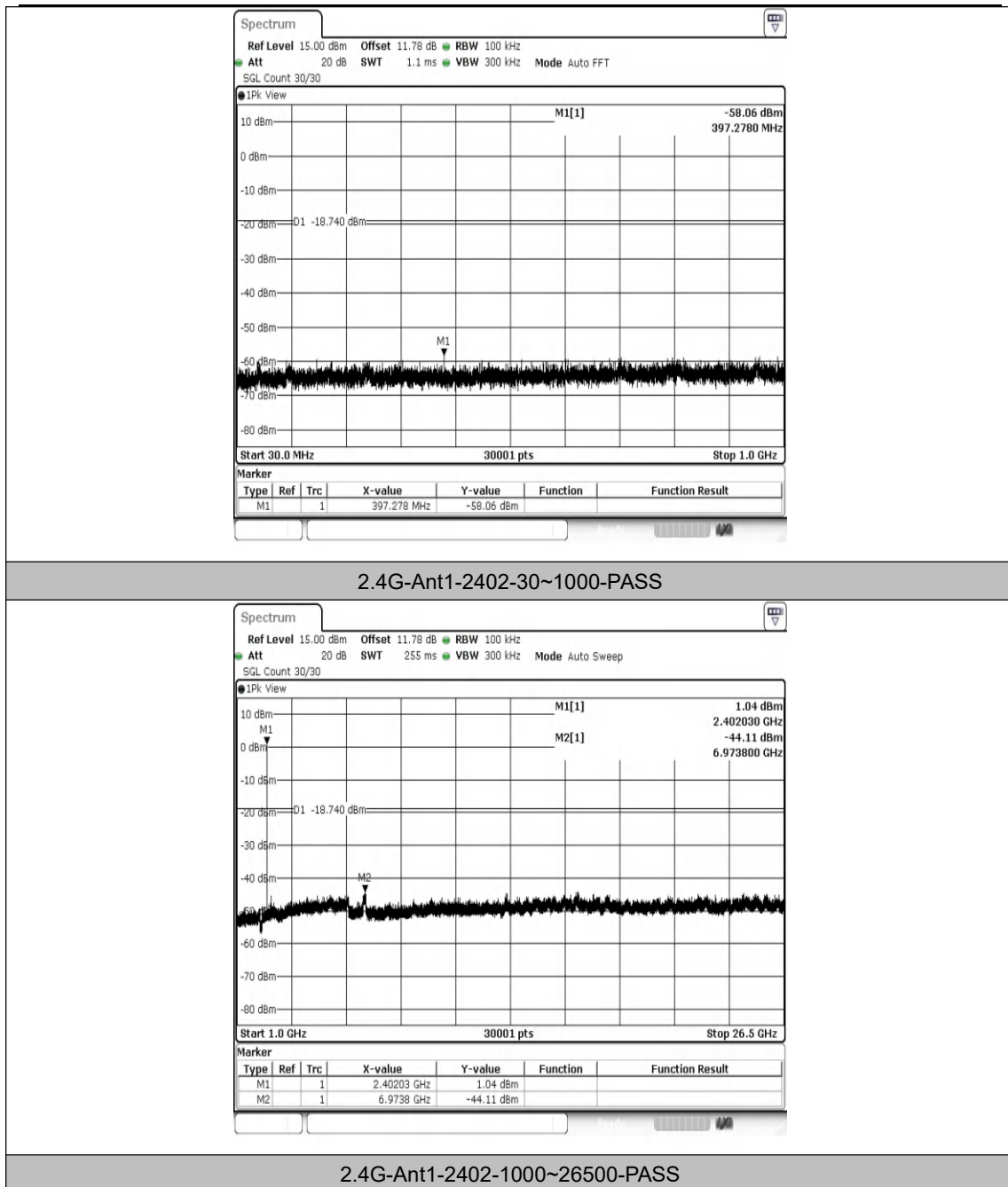
Appendix F: Conducted Spurious Emission

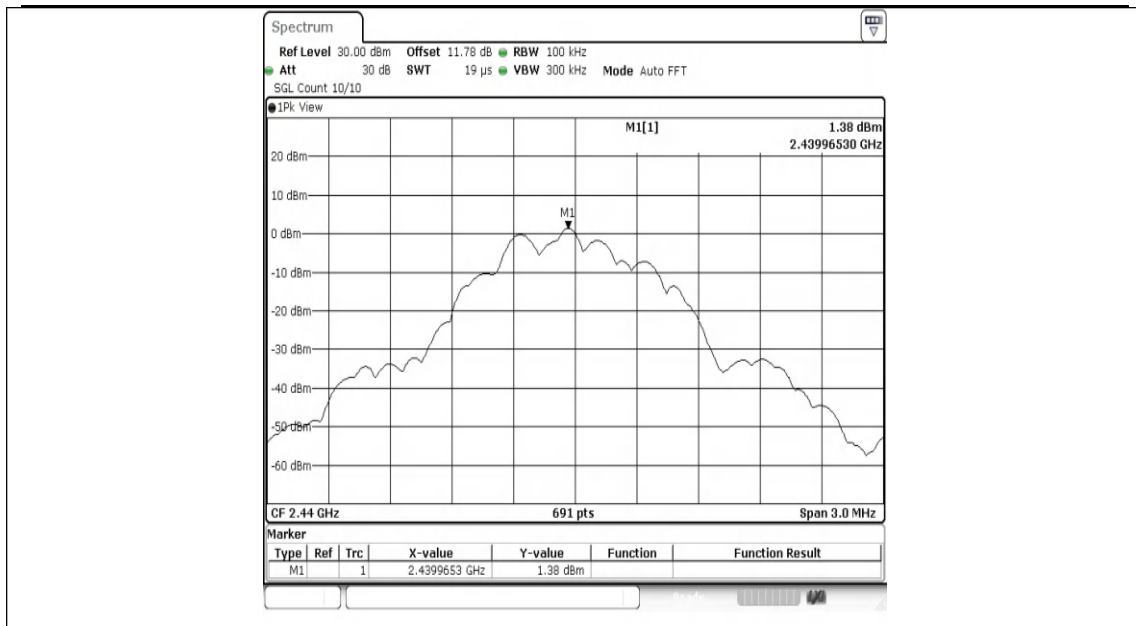
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2402	0~Reference	1.26	1.26	---	PASS
2.4G	Ant1	2402	30~1000	1.26	-58.06	≤-18.74	PASS
2.4G	Ant1	2402	1000~26500	1.26	-44.11	≤-18.74	PASS
2.4G	Ant1	2440	0~Reference	1.38	1.38	---	PASS
2.4G	Ant1	2440	30~1000	1.38	-58.25	≤-18.62	PASS
2.4G	Ant1	2440	1000~26500	1.38	-43.78	≤-18.62	PASS
2.4G	Ant1	2480	0~Reference	1.05	1.05	---	PASS
2.4G	Ant1	2480	30~1000	1.05	-57.75	≤-18.95	PASS
2.4G	Ant1	2480	1000~26500	1.05	-44.14	≤-18.95	PASS

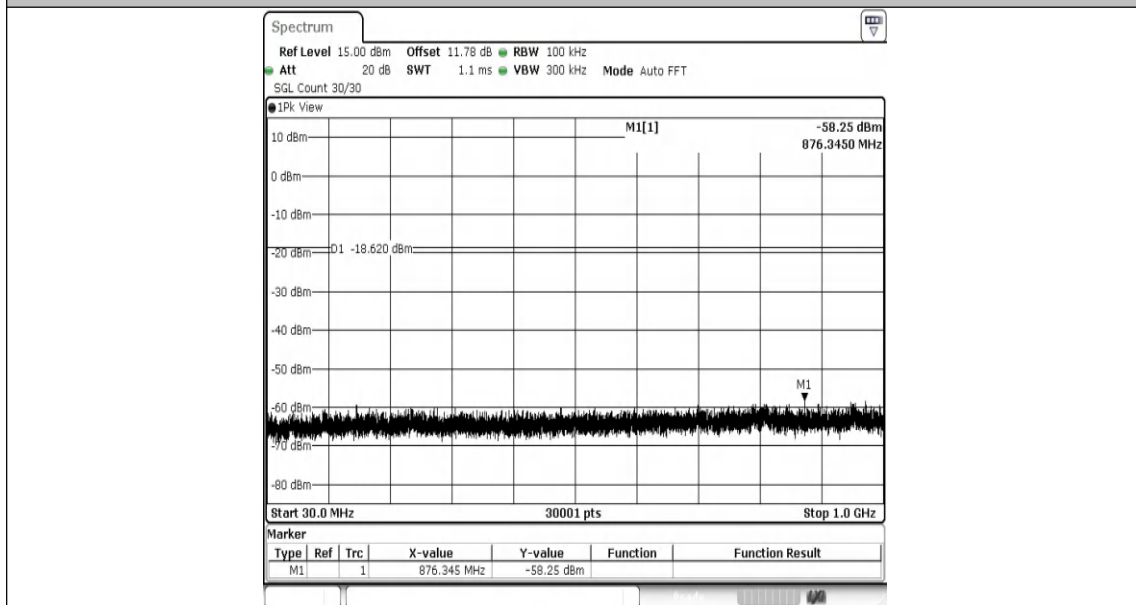
Test Graphs



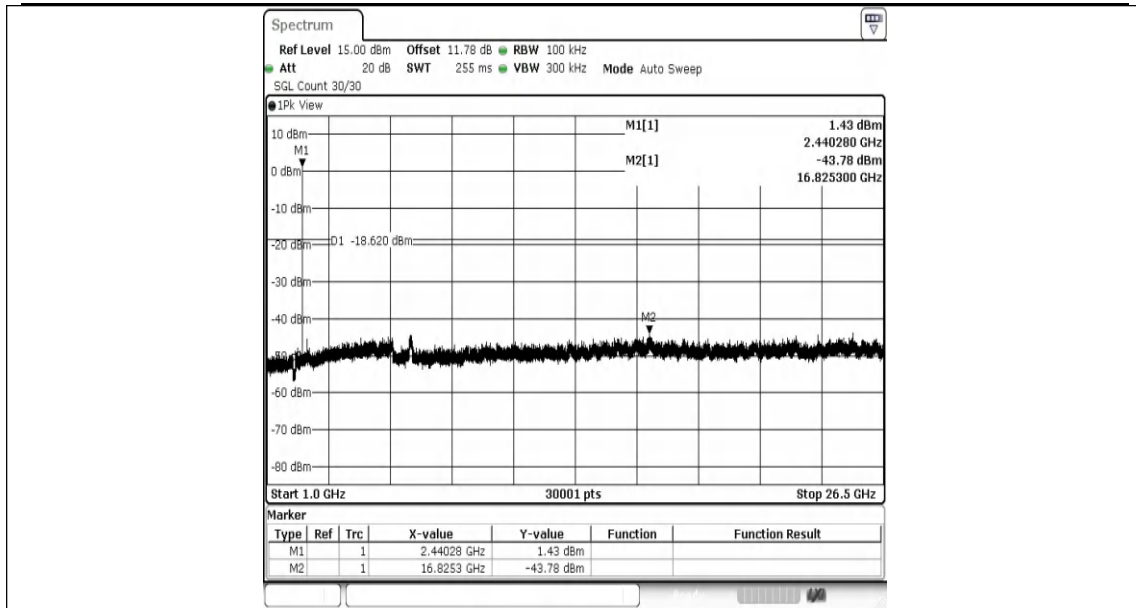




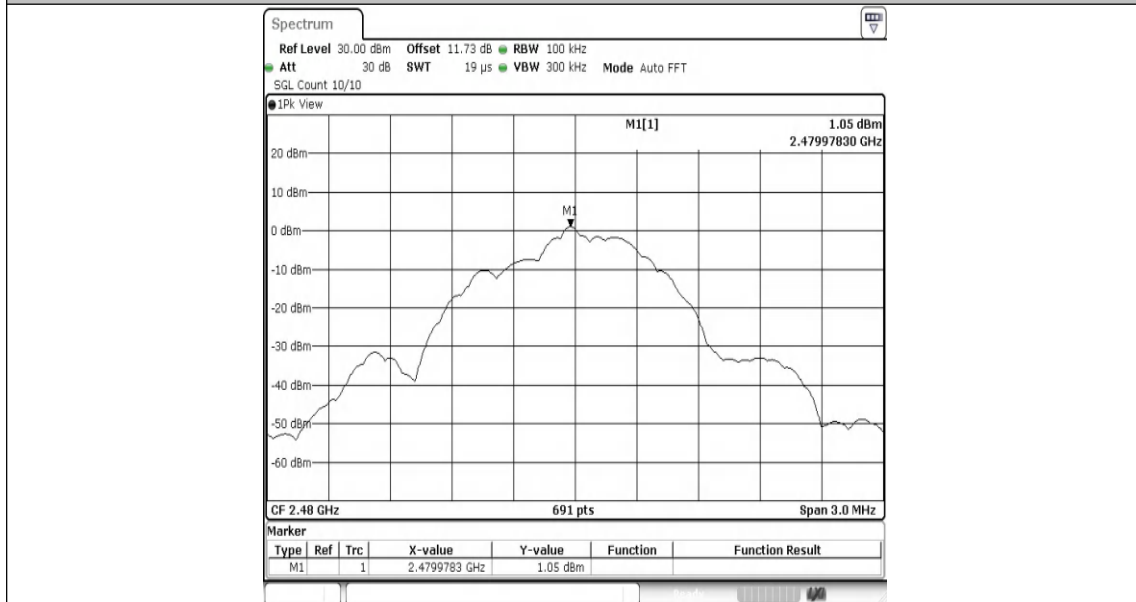
2.4G-Ant1-2440-0~Reference-PASS



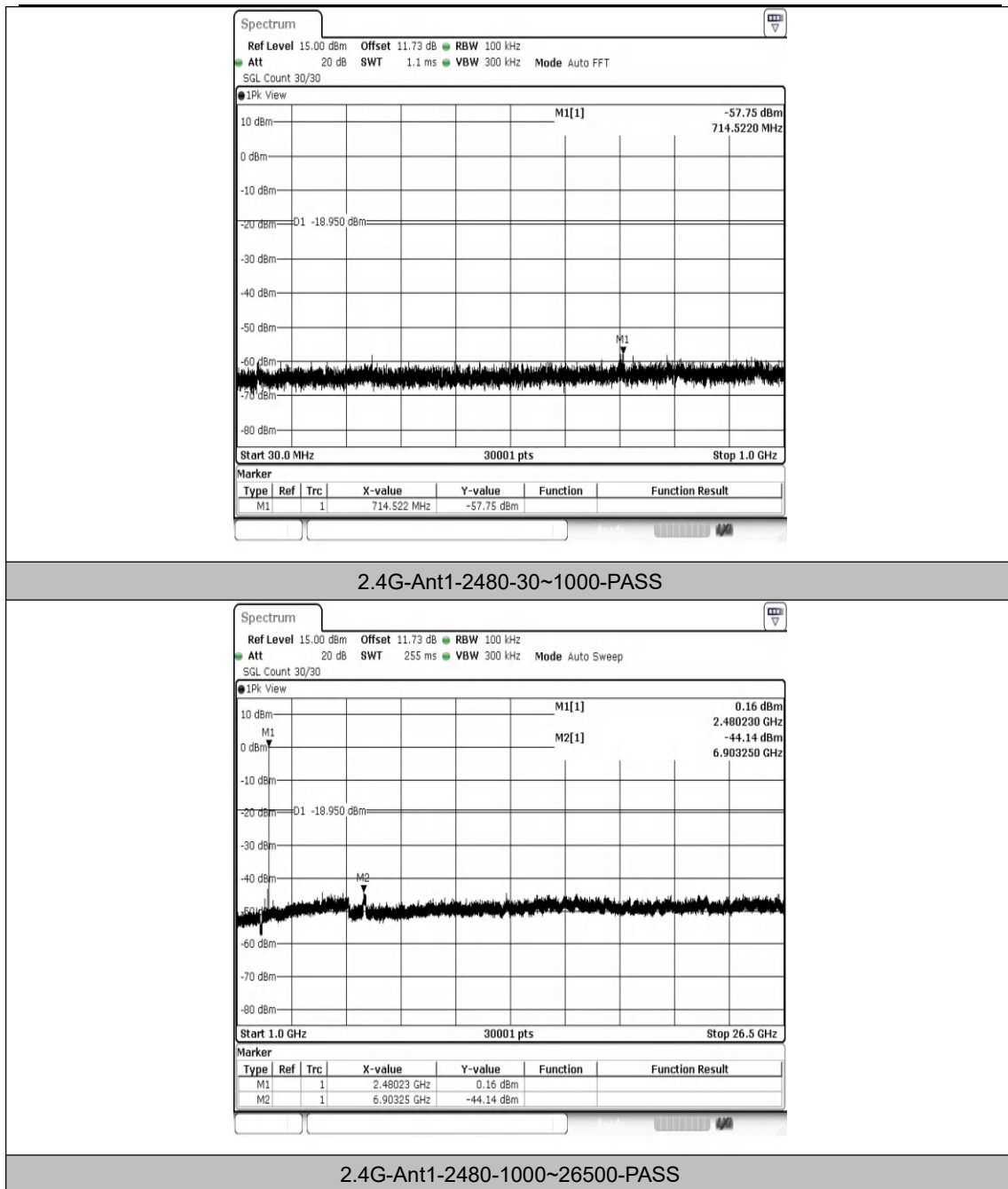
2.4G-Ant1-2440-30~1000-PASS



2.4G-Ant1-2440-1000~26500-PASS



2.4G-Ant1-2480-0~Reference-PASS

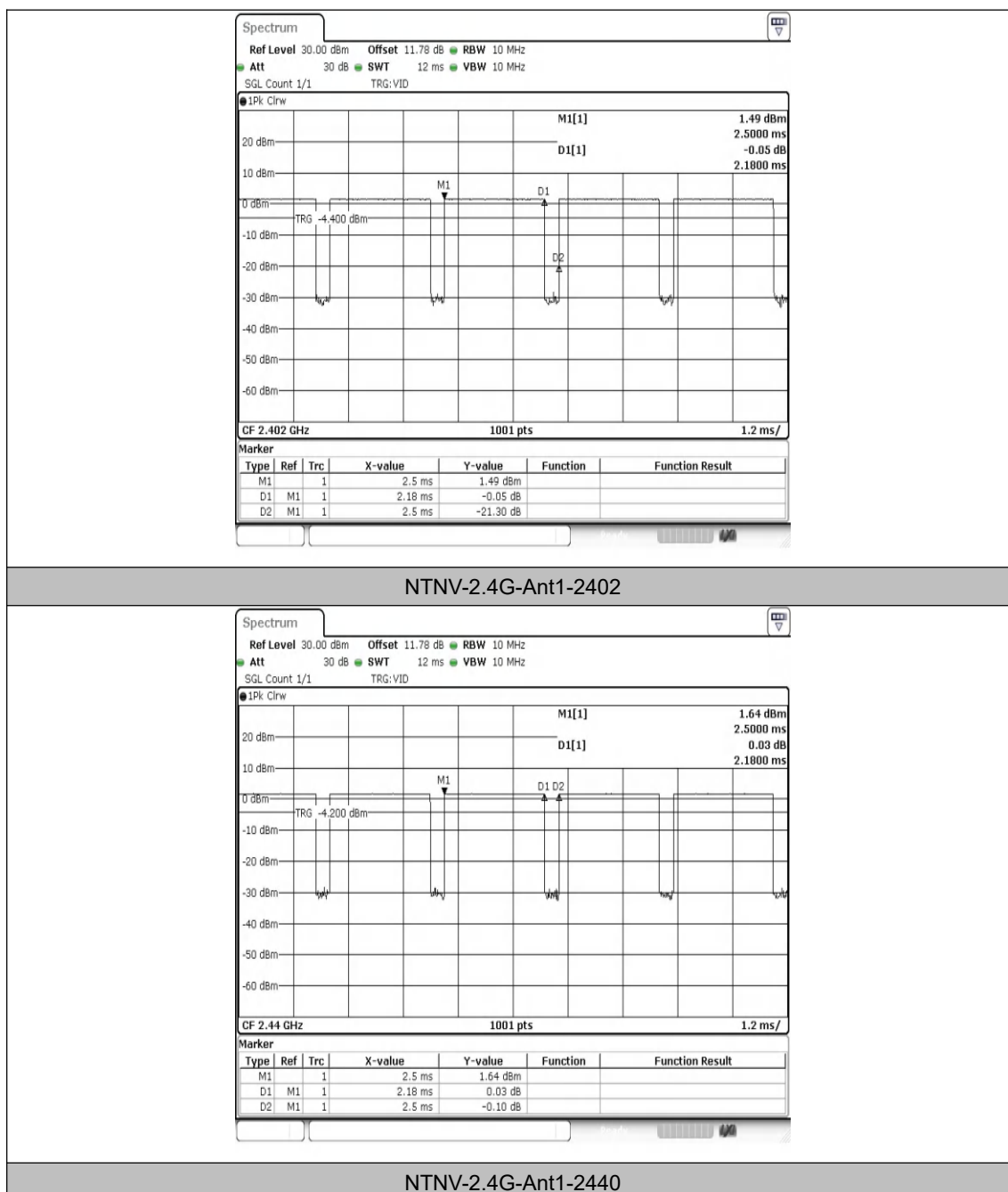


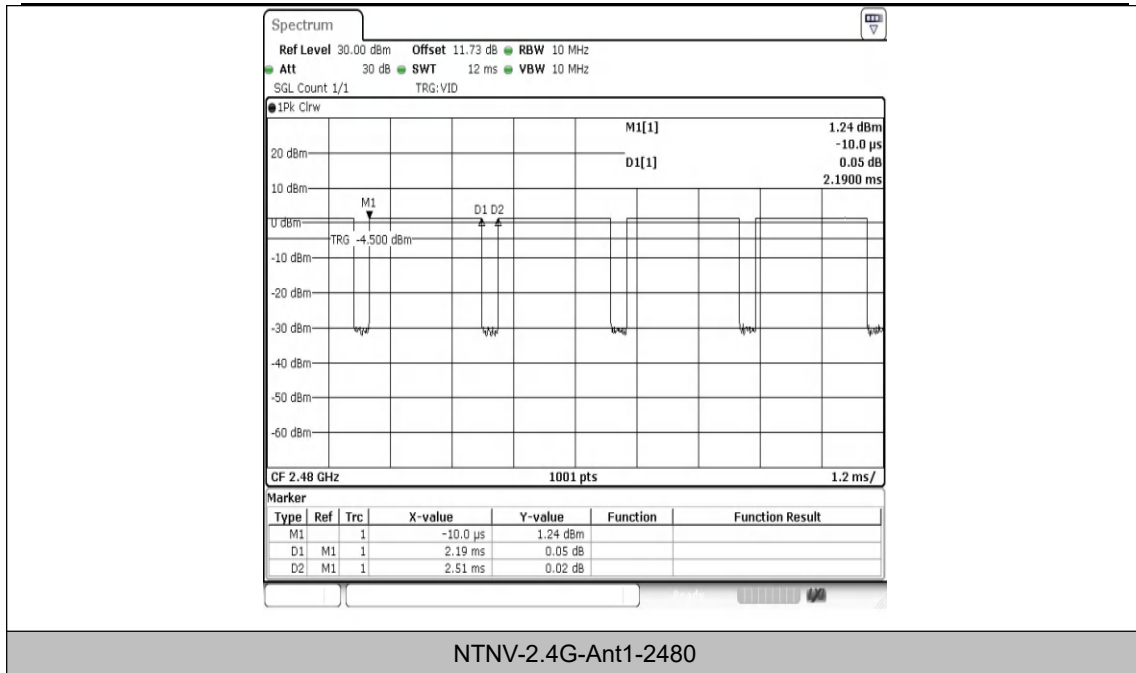
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2402	2.18	2.50	87.20	0.59
2.4G	Ant1	2440	2.18	2.50	87.20	0.59
2.4G	Ant1	2480	2.19	2.51	87.25	0.59

Test Graphs





---End---

