

Appendix Test Data

Report No:	182518C400022102	Test Sample NO:	1-2-2
Start Test Date:	2024.6.24	Finish Test Date:	2024.6.25
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	25.3℃	Relative Humidity:	45%
Pressure:	101 kPa		

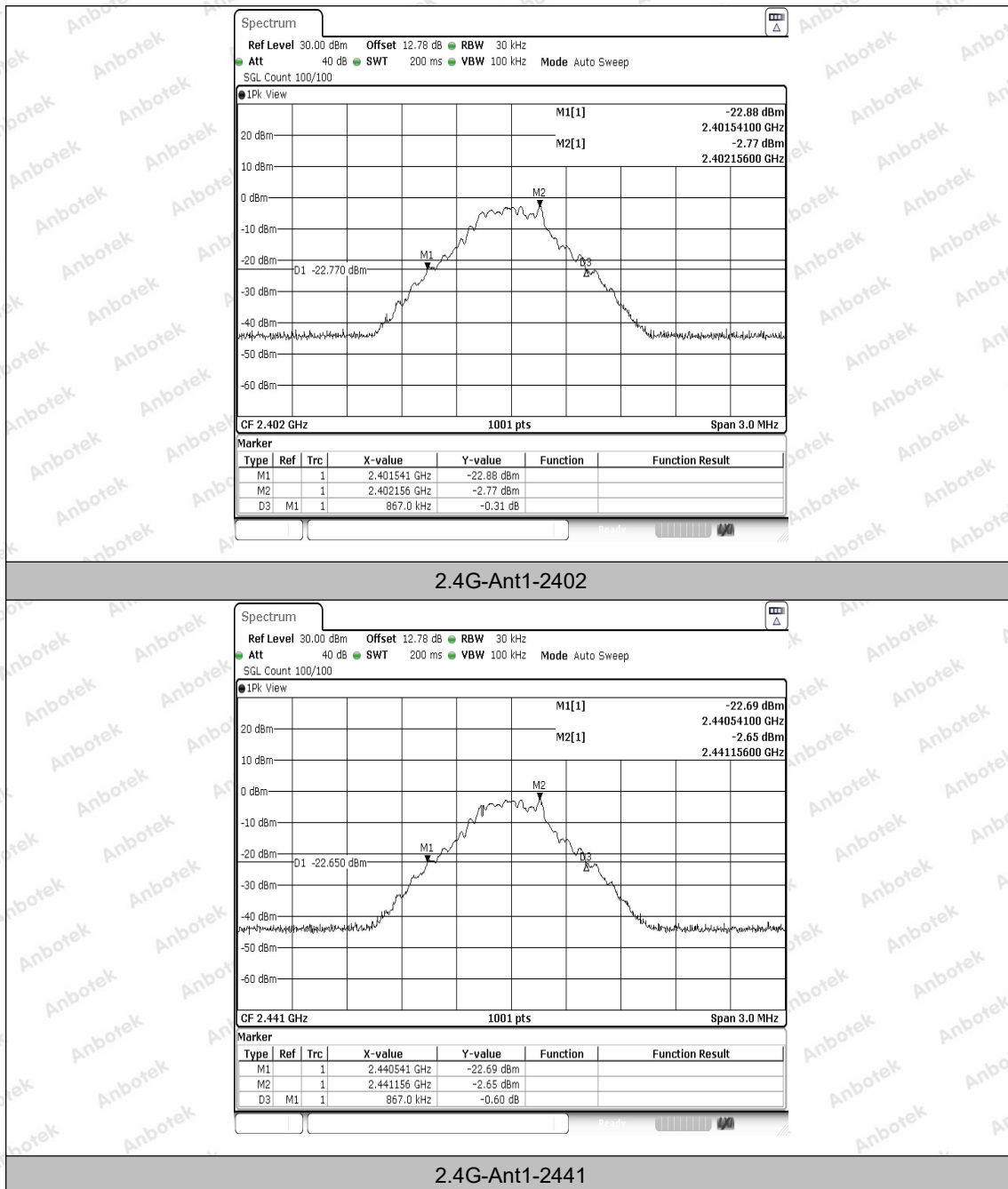
Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2402	0.87	2401.54	2402.41	---	---
2.4G	Ant1	2441	0.87	2440.54	2441.41	---	---
2.4G	Ant1	2480	0.87	2479.54	2480.41	---	---



Test Graphs



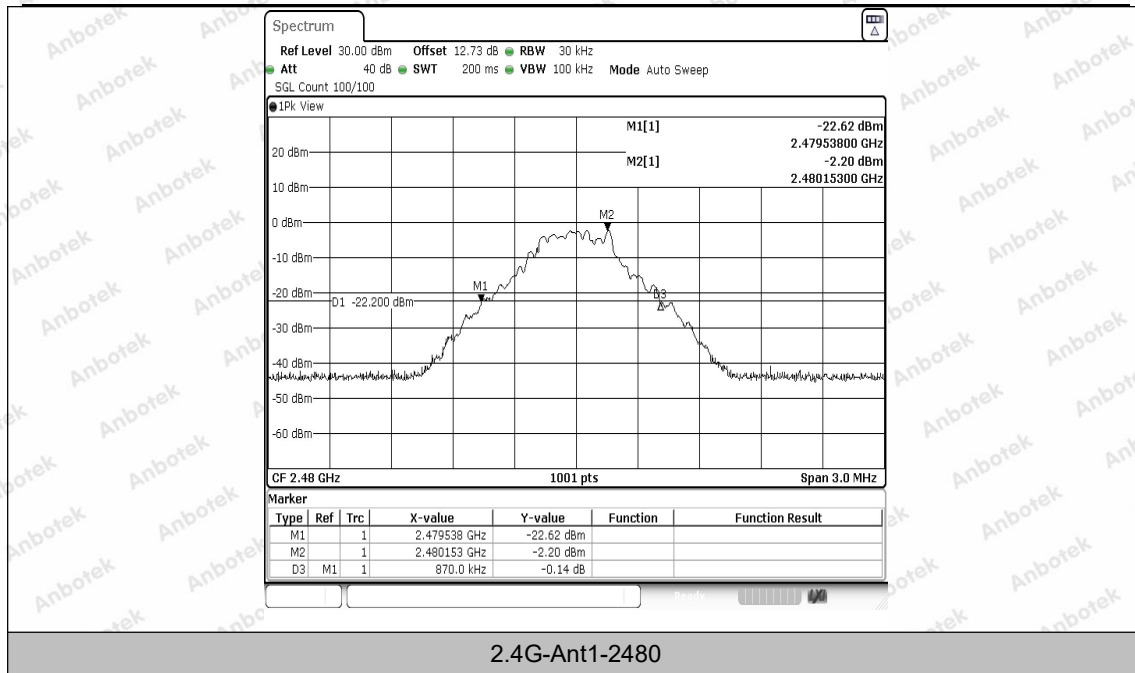
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Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community,
Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



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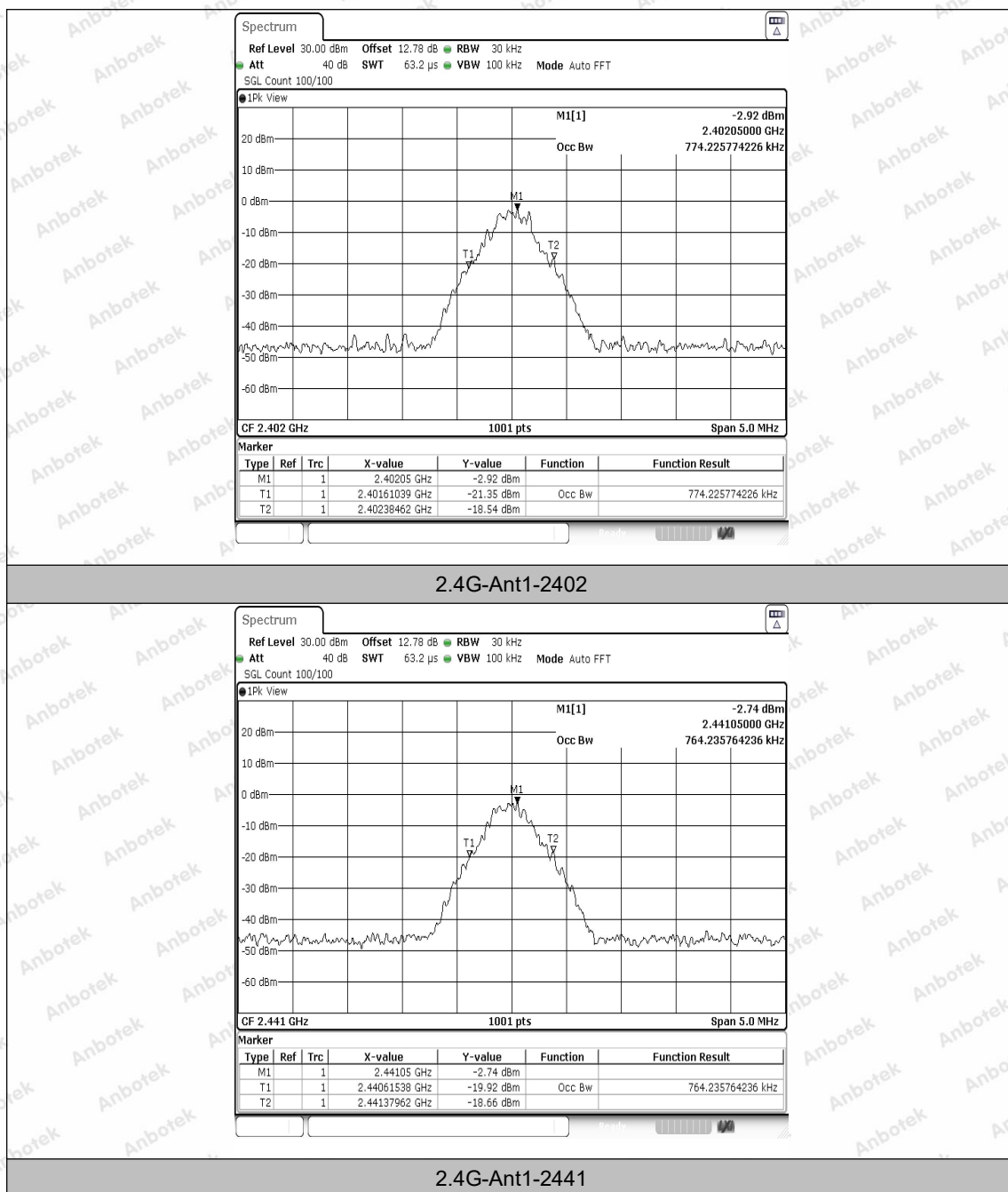
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2402	0.774	2401.6104	2402.3846	---	---
2.4G	Ant1	2441	0.764	2440.6154	2441.3796	---	---
2.4G	Ant1	2480	0.759	2479.6104	2480.3696	---	---



Test Graphs



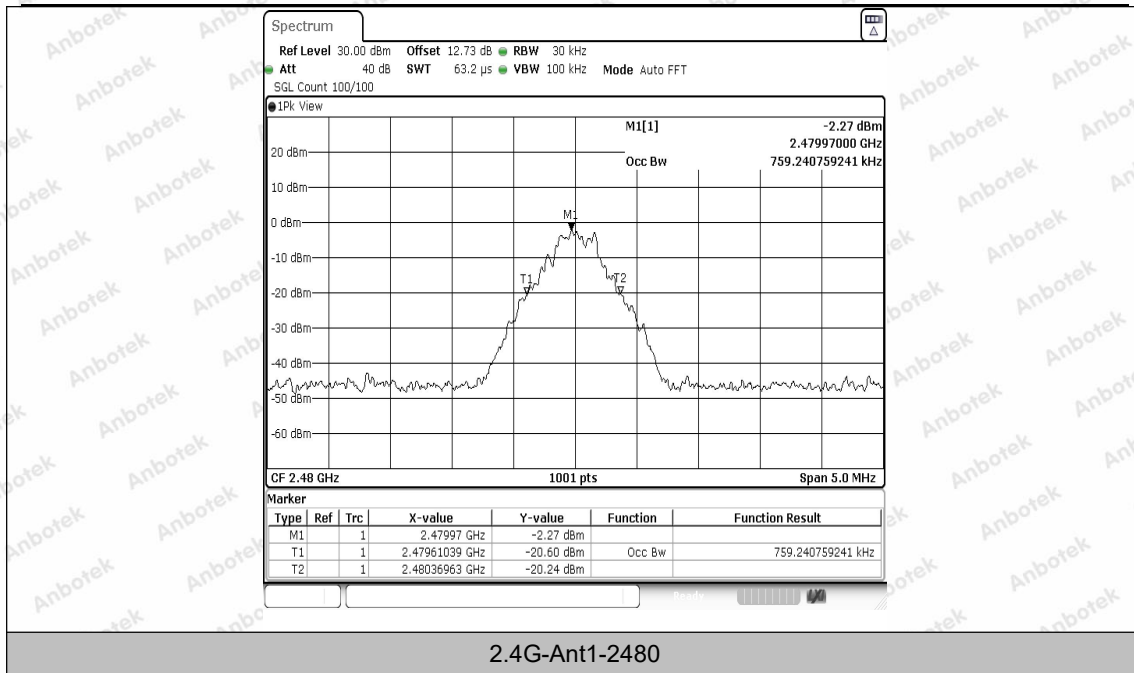
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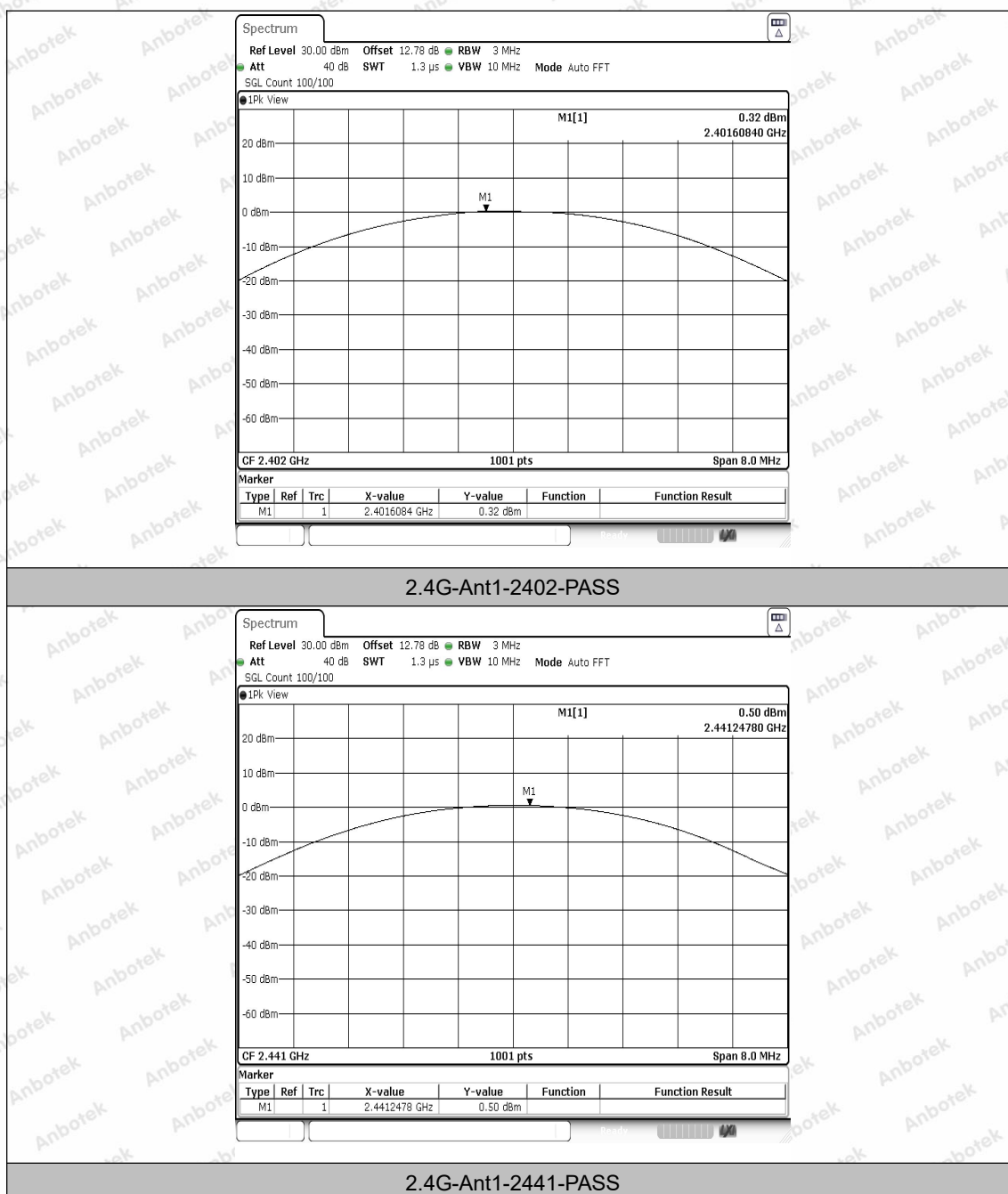


Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2402	0.32	≤30	PASS
2.4G	Ant1	2441	0.50	≤30	PASS
2.4G	Ant1	2480	0.98	≤30	PASS

Test Graphs



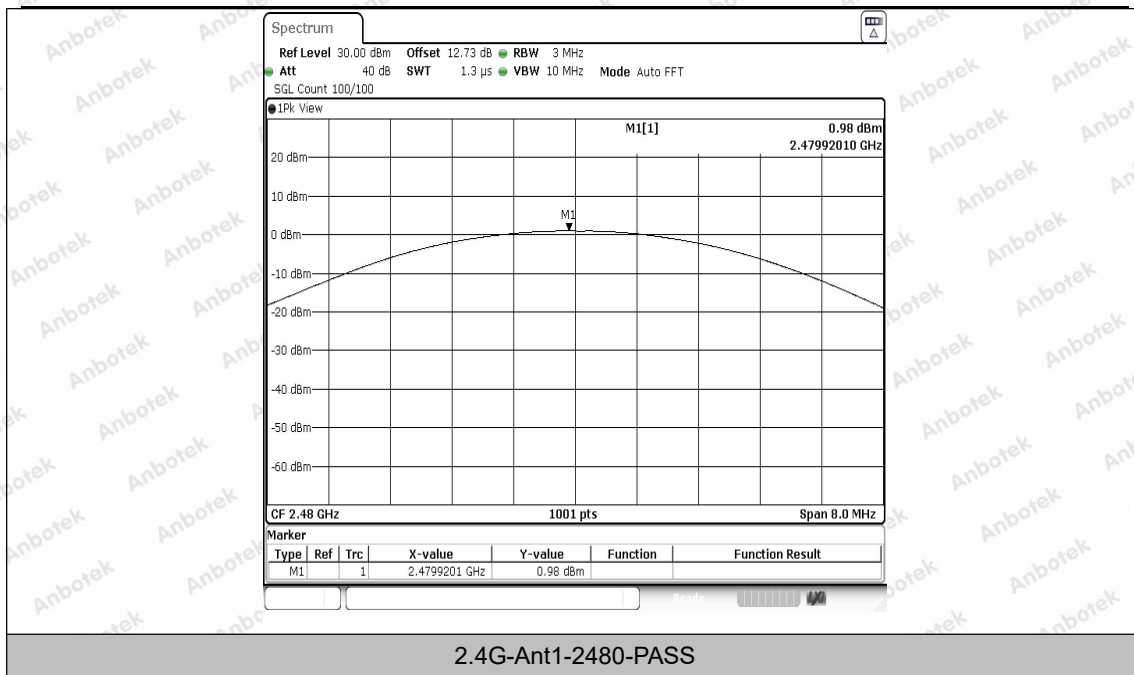
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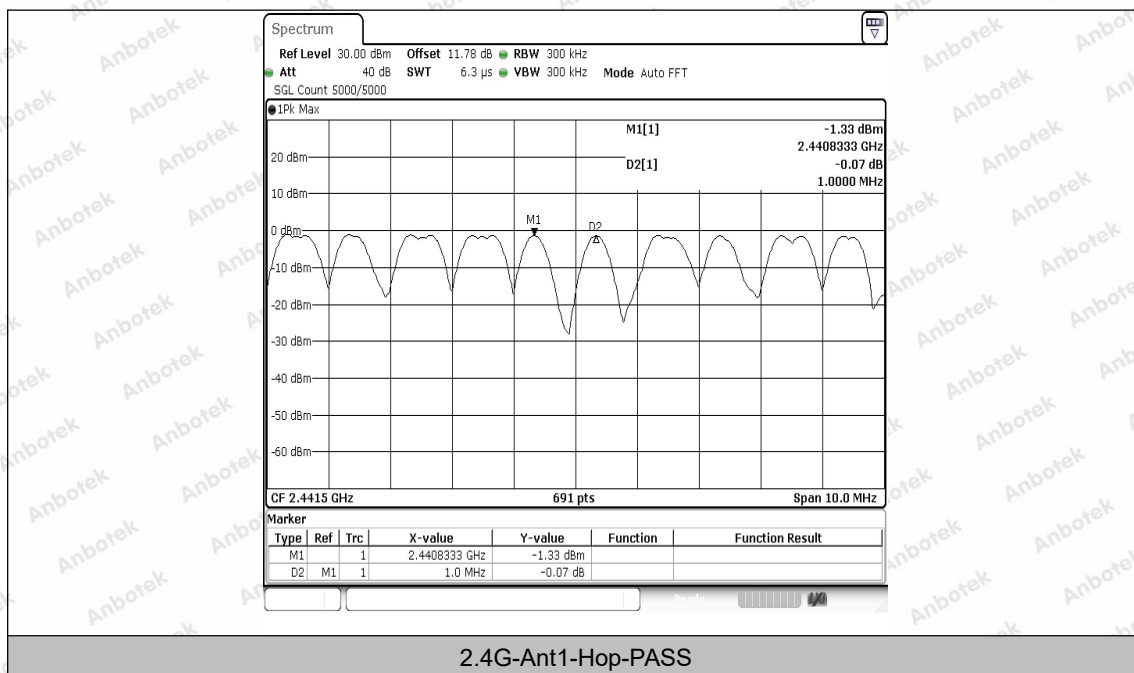


Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	Hop	1	≥0.58	PASS

Test Graphs

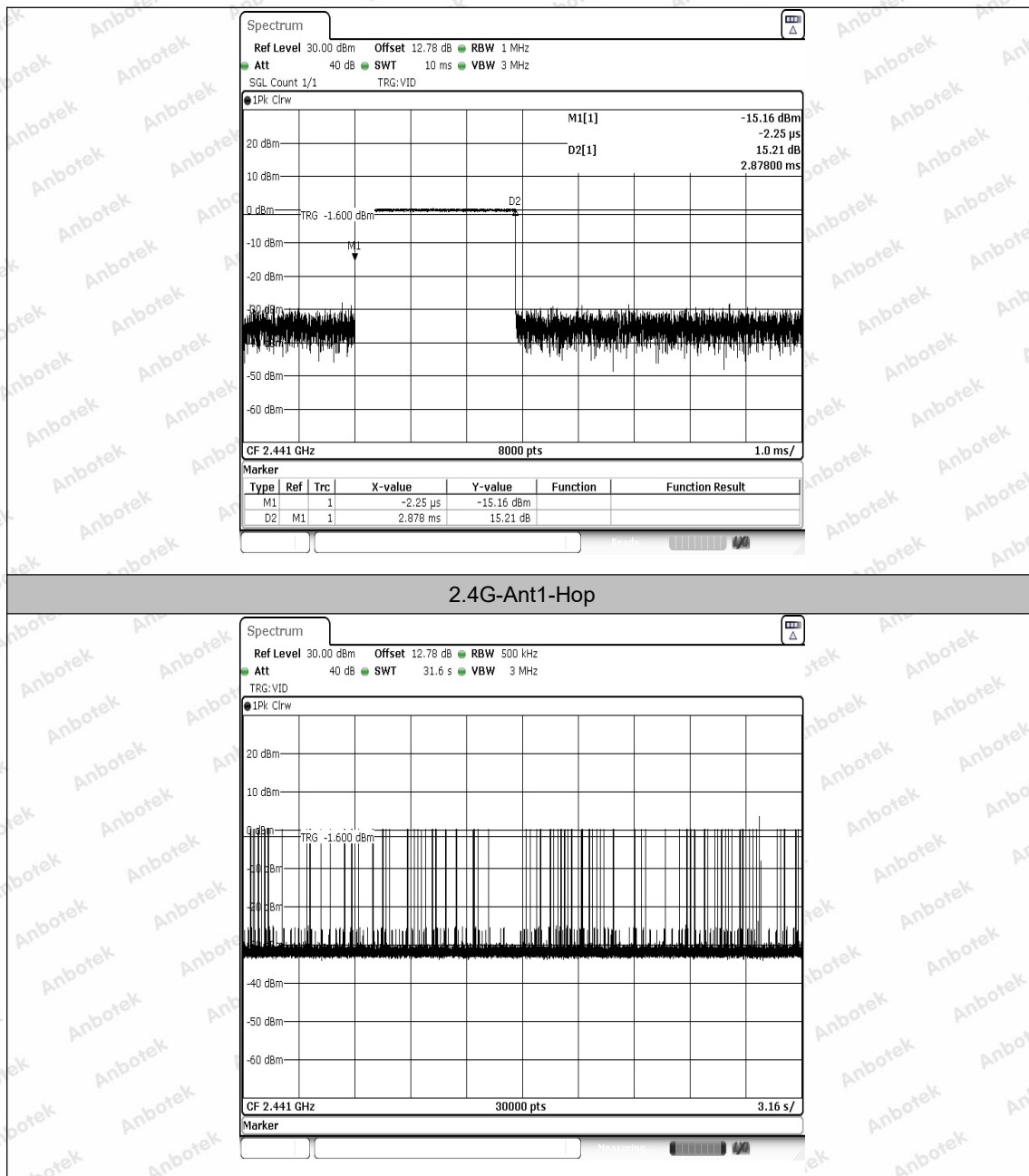


Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
2.4G	Ant1	Hop	2.878	121	0.348	≤0.4	PASS

Test Graphs

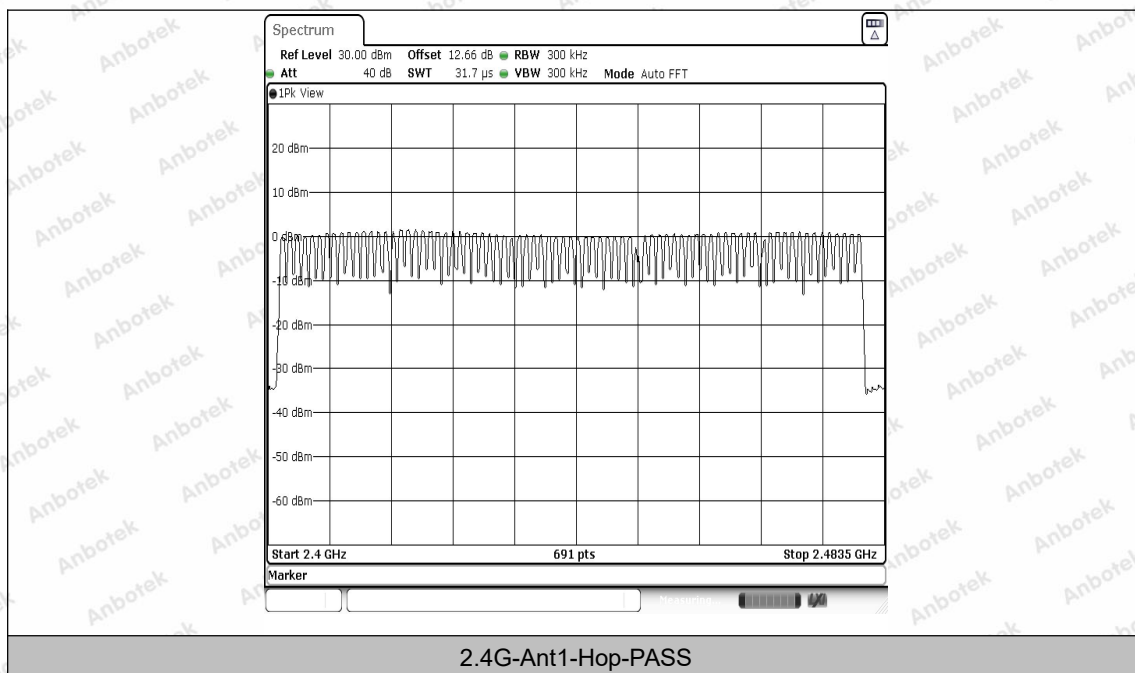


Appendix F: Number of hopping channels

Test Result

TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
2.4G	Ant1	Hop	79	≥15	PASS

Test Graphs



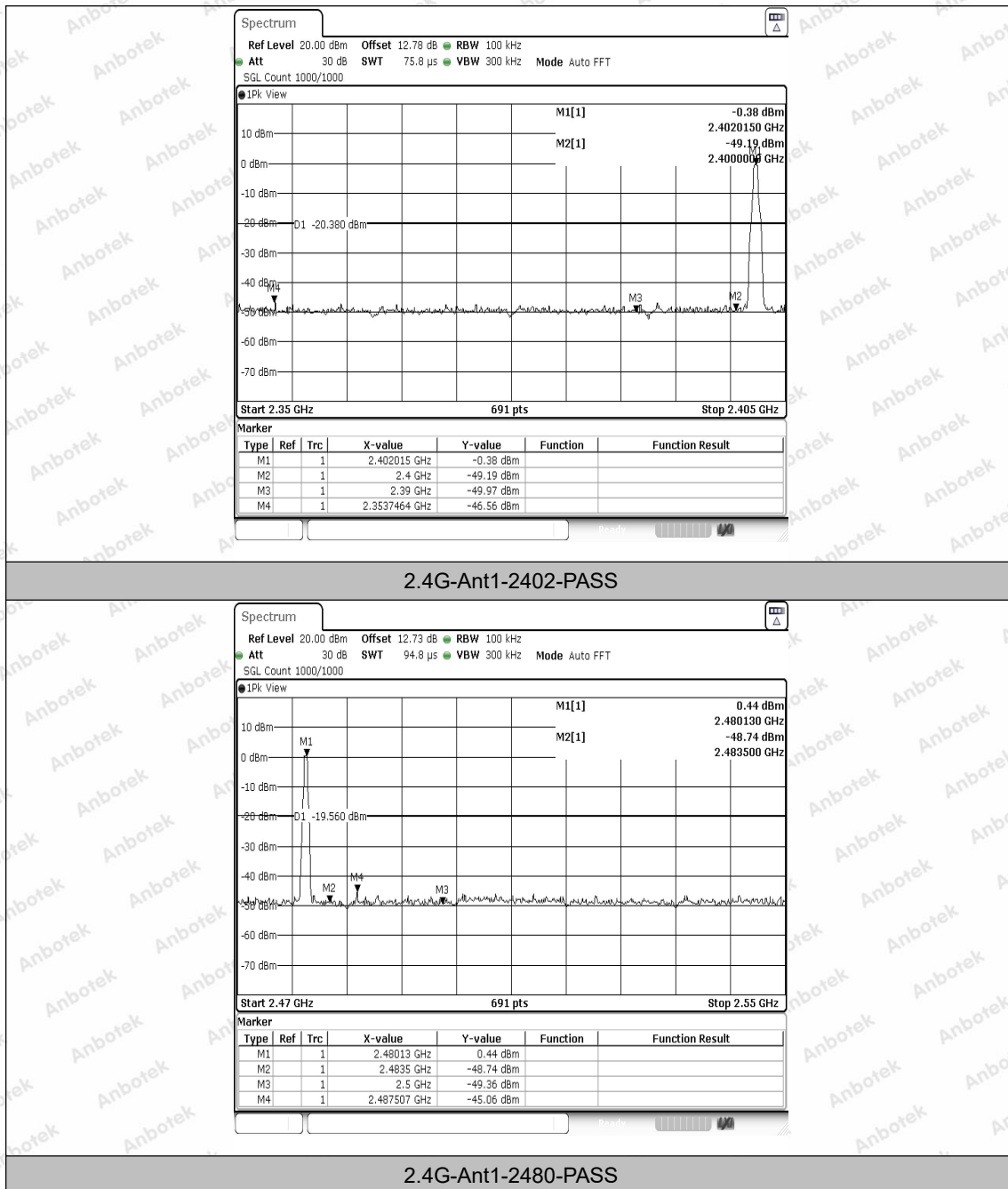
Appendix G: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2402	-0.38	-46.56	≤-20.38	PASS
2.4G	Ant1	High	2480	0.44	-45.06	≤-19.56	PASS
2.4G	Ant1	Low	Hop_2402	-0.64	-47.3	≤-20.64	PASS
2.4G	Ant1	High	Hop_2480	0.45	-46.18	≤-19.55	PASS



Test Graphs



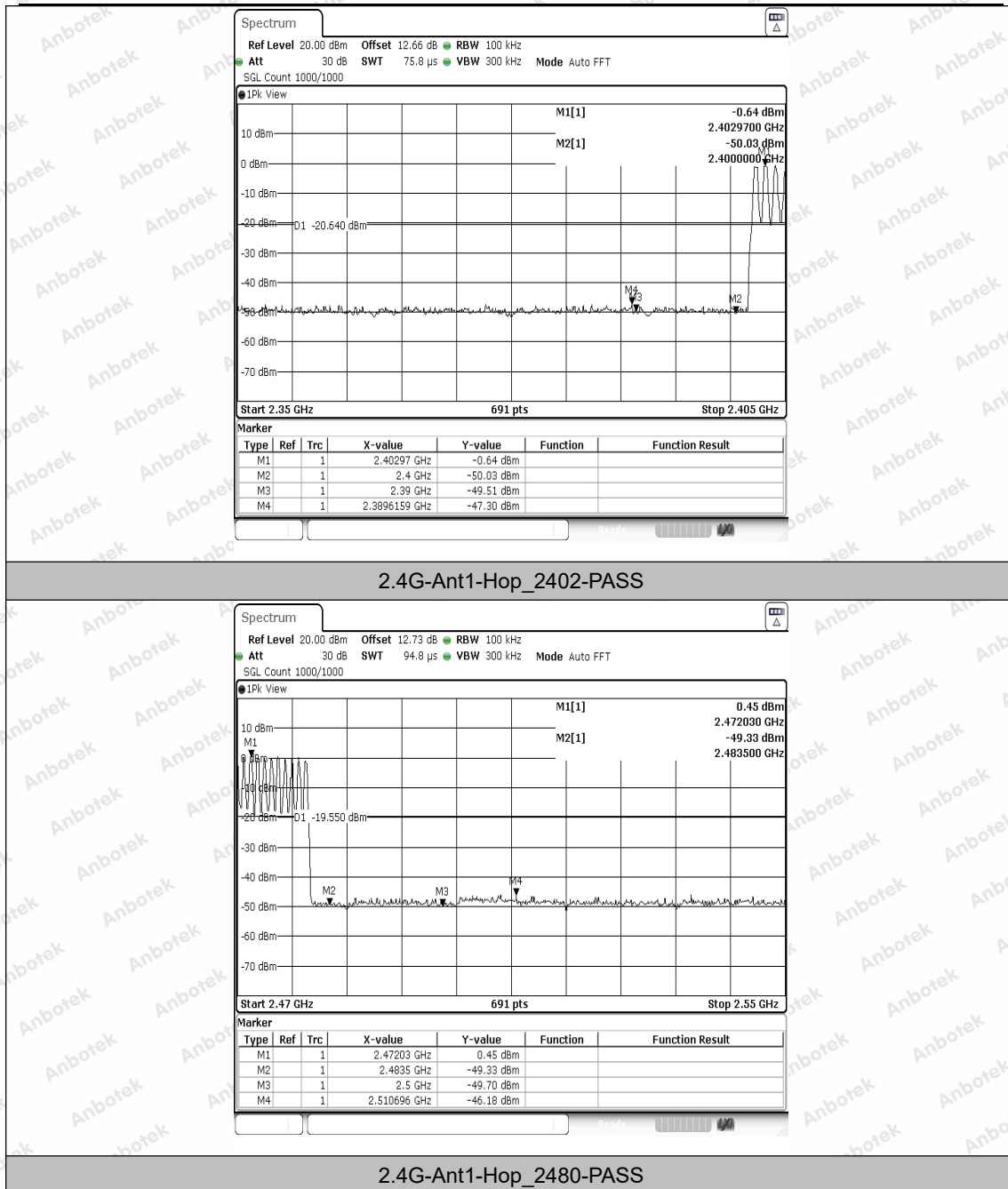
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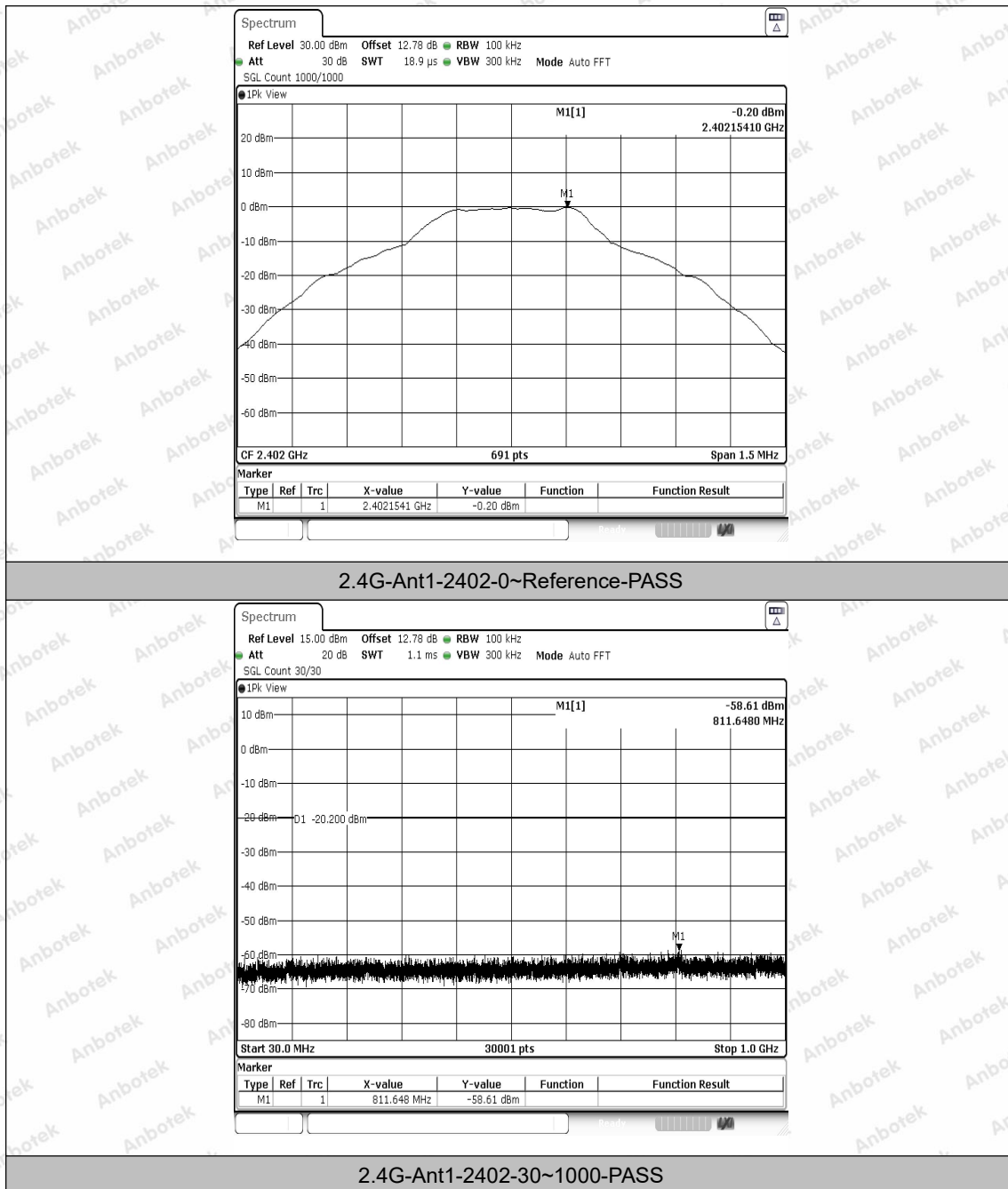
Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2402	0~Reference	-0.20	-0.20	---	PASS
2.4G	Ant1	2402	30~1000	-0.20	-58.61	≤-20.2	PASS
2.4G	Ant1	2402	1000~26500	-0.20	-50.49	≤-20.2	PASS
2.4G	Ant1	2441	0~Reference	-0.03	-0.03	---	PASS
2.4G	Ant1	2441	30~1000	-0.03	-57.68	≤-20.03	PASS
2.4G	Ant1	2441	1000~26500	-0.03	-50.1	≤-20.03	PASS
2.4G	Ant1	2480	0~Reference	0.39	0.39	---	PASS
2.4G	Ant1	2480	30~1000	0.39	-58.66	≤-19.61	PASS
2.4G	Ant1	2480	1000~26500	0.39	-50.29	≤-19.61	PASS



Test Graphs



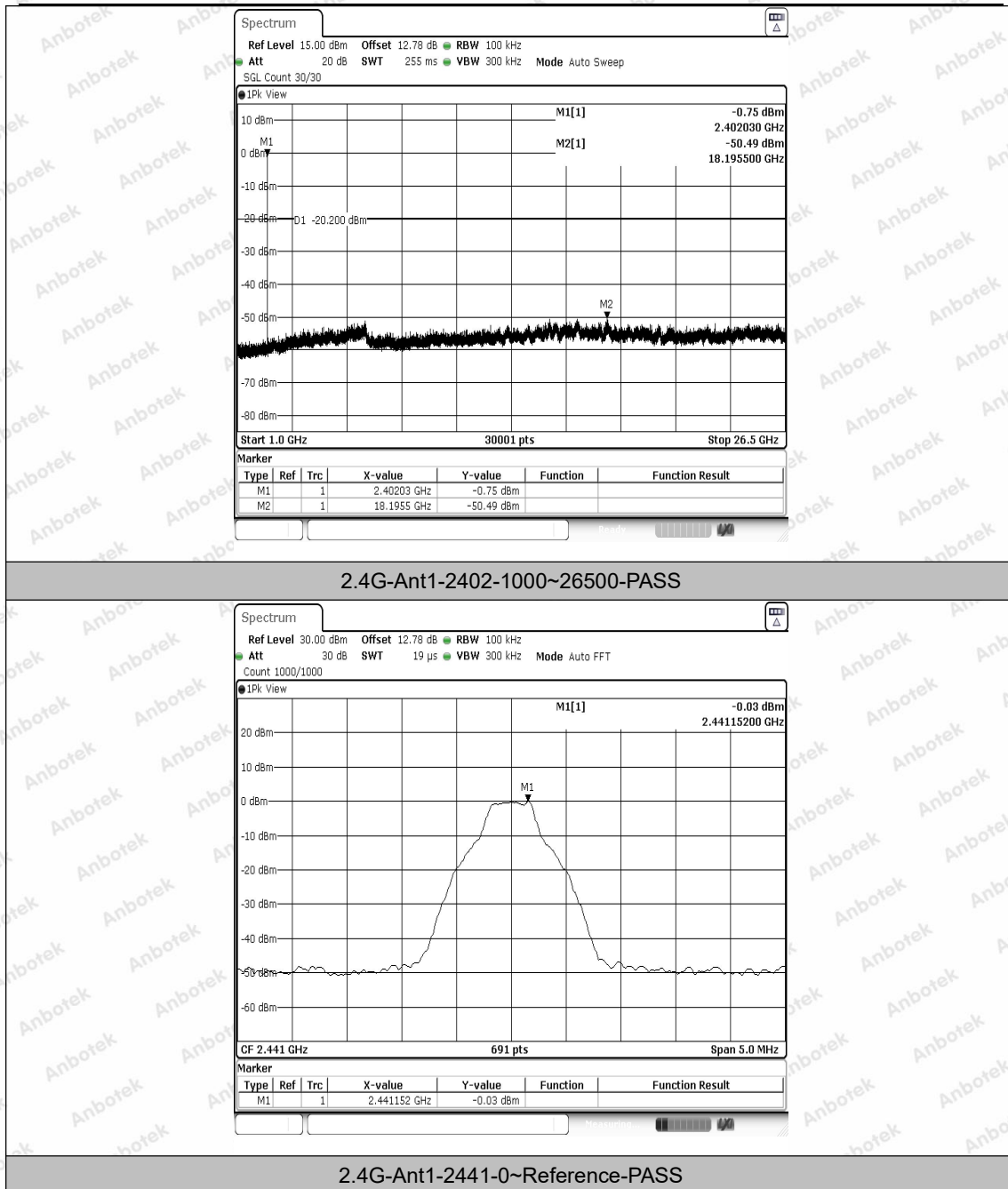
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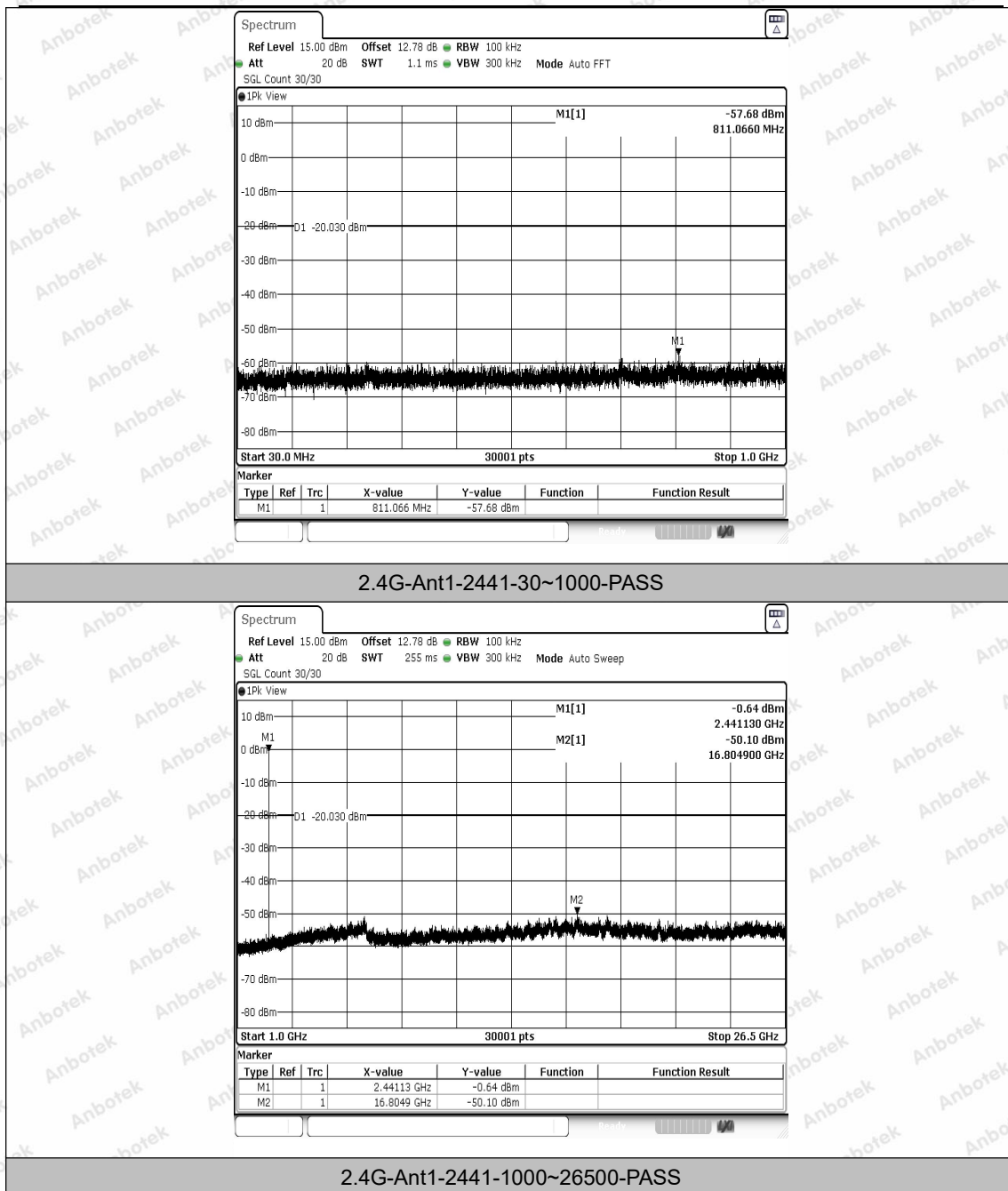
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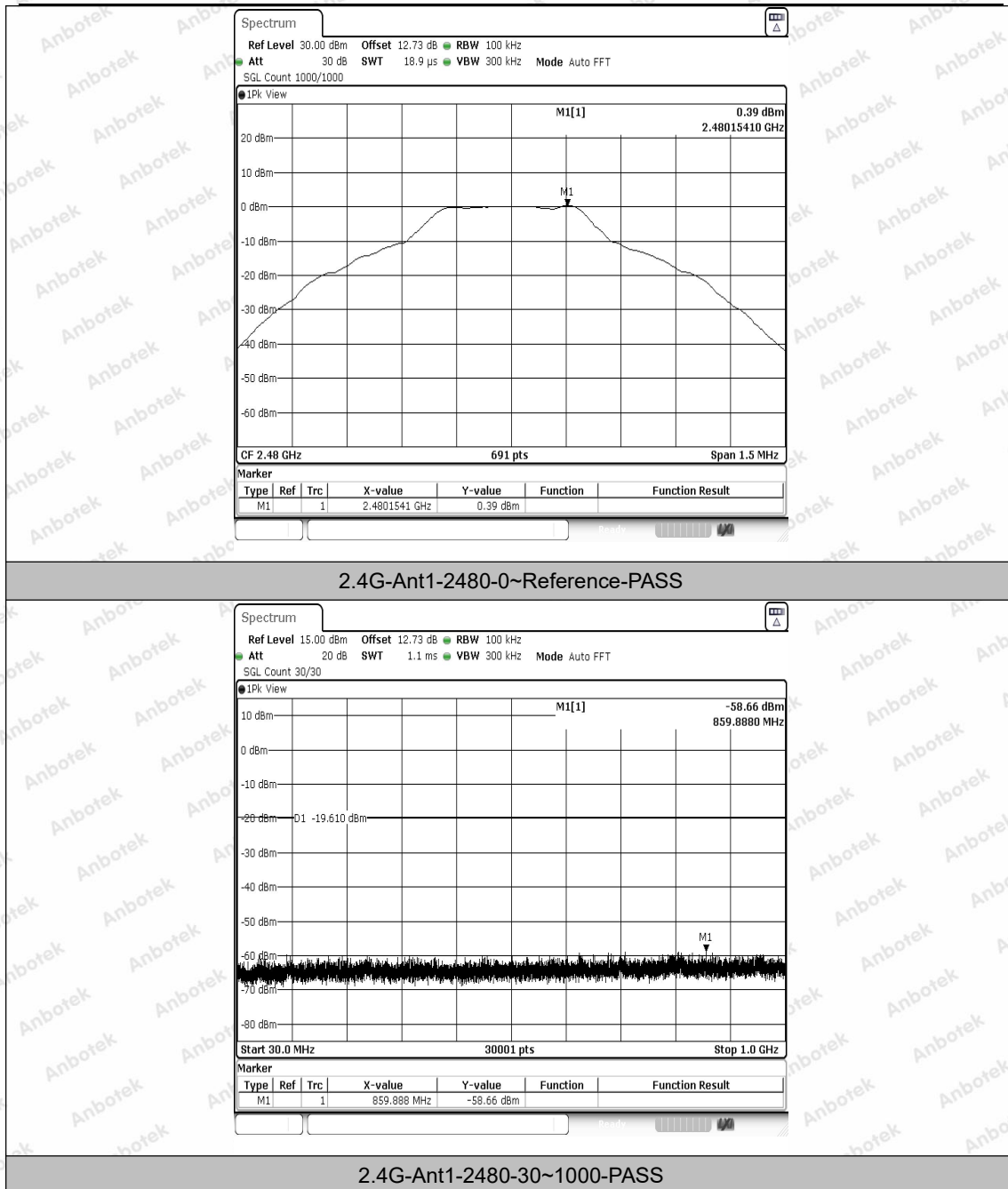
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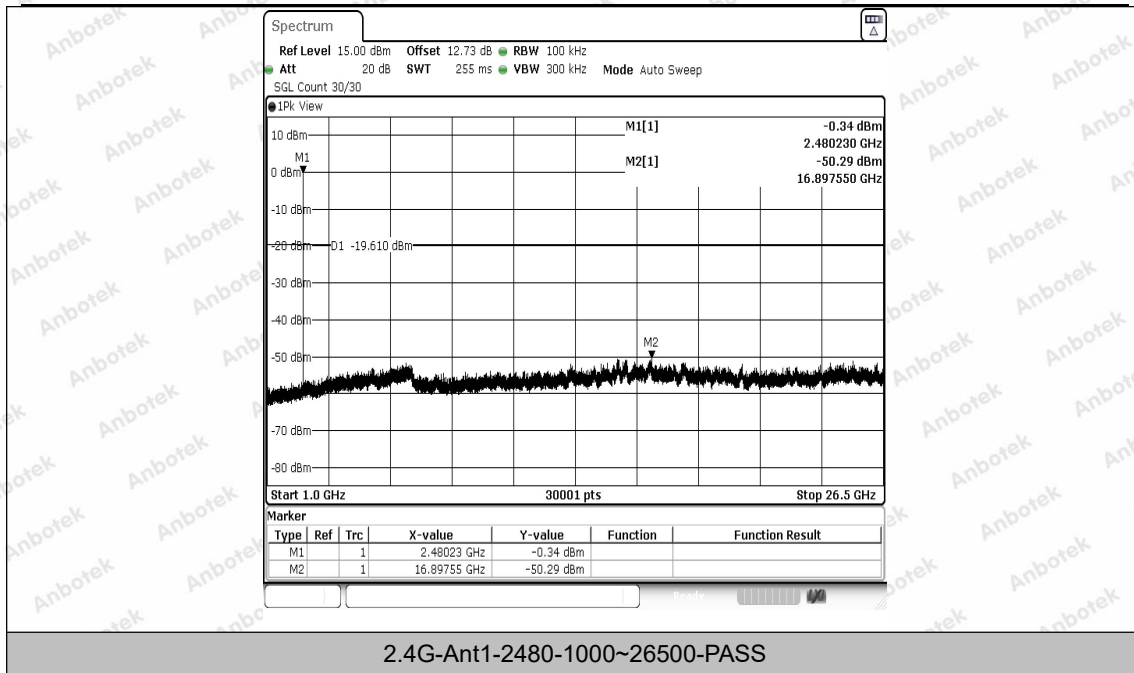
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