

Appendix Test Data

Report No:	1819C40045312501	Test Sample NO:	1-2-2
Start Test Date:	2024.9.24	Finish Test Date:	2024.9.24
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	22.4℃	Relative Humidity:	56%
Pressure:	101 kPa		

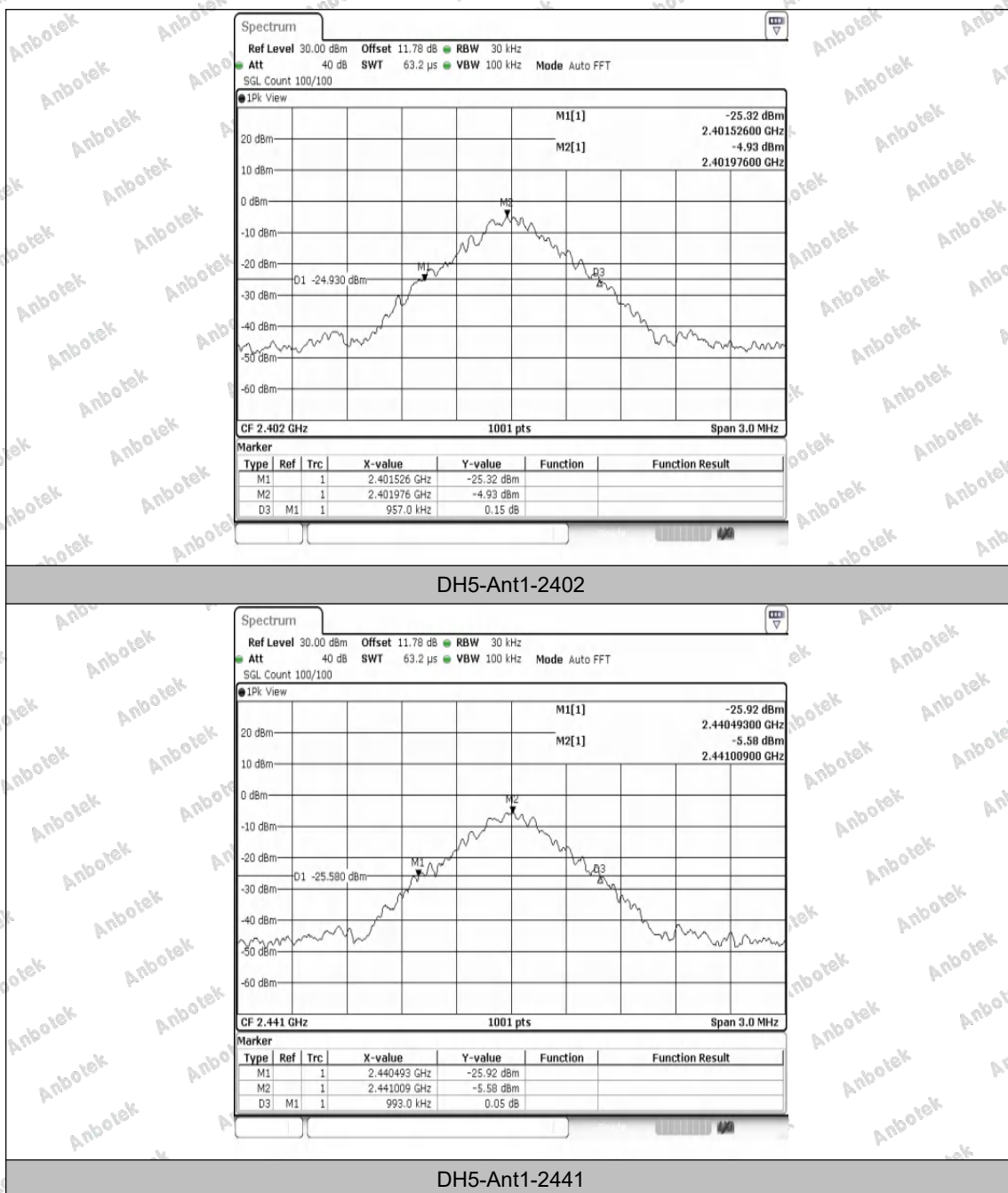
Appendix A: 20dB Emission Bandwidth

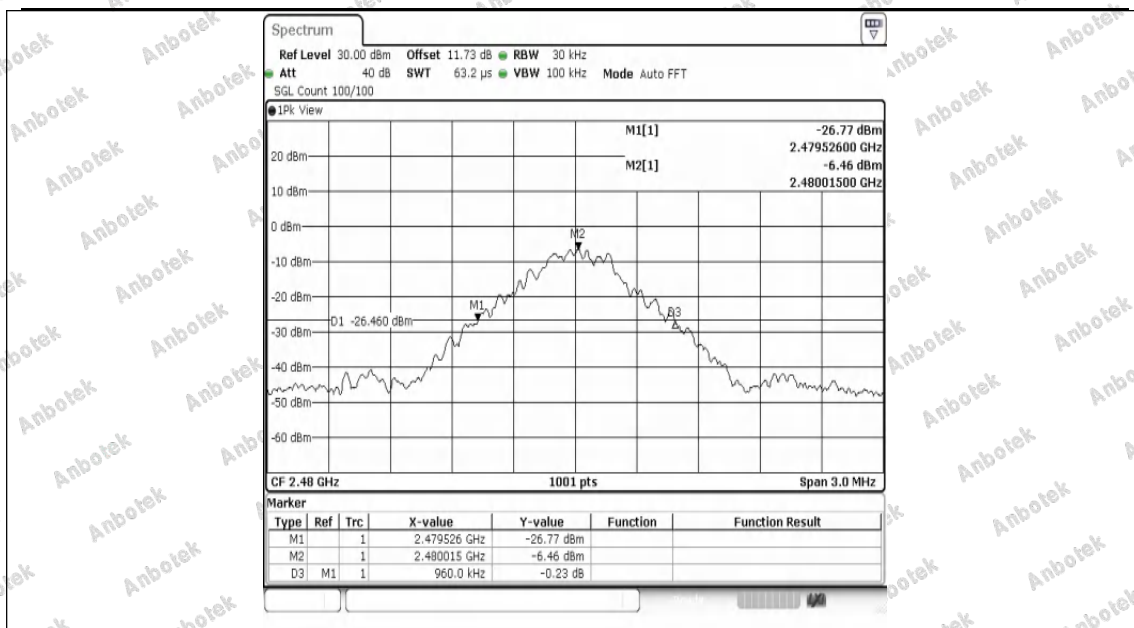
Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.96	2401.53	2402.48	---	---
DH5	Ant1	2441	0.99	2440.49	2441.49	---	---
DH5	Ant1	2480	0.96	2479.53	2480.49	---	---
2DH5	Ant1	2402	1.38	2401.31	2402.69	---	---
2DH5	Ant1	2441	1.32	2440.35	2441.66	---	---
2DH5	Ant1	2480	1.29	2479.37	2480.65	---	---

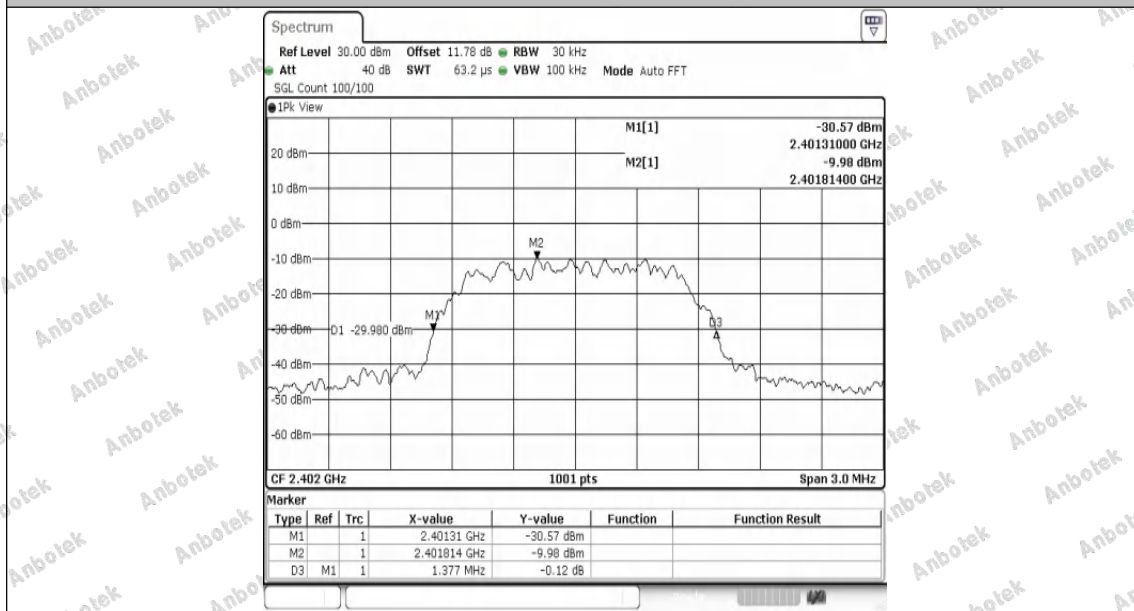


Test Graphs



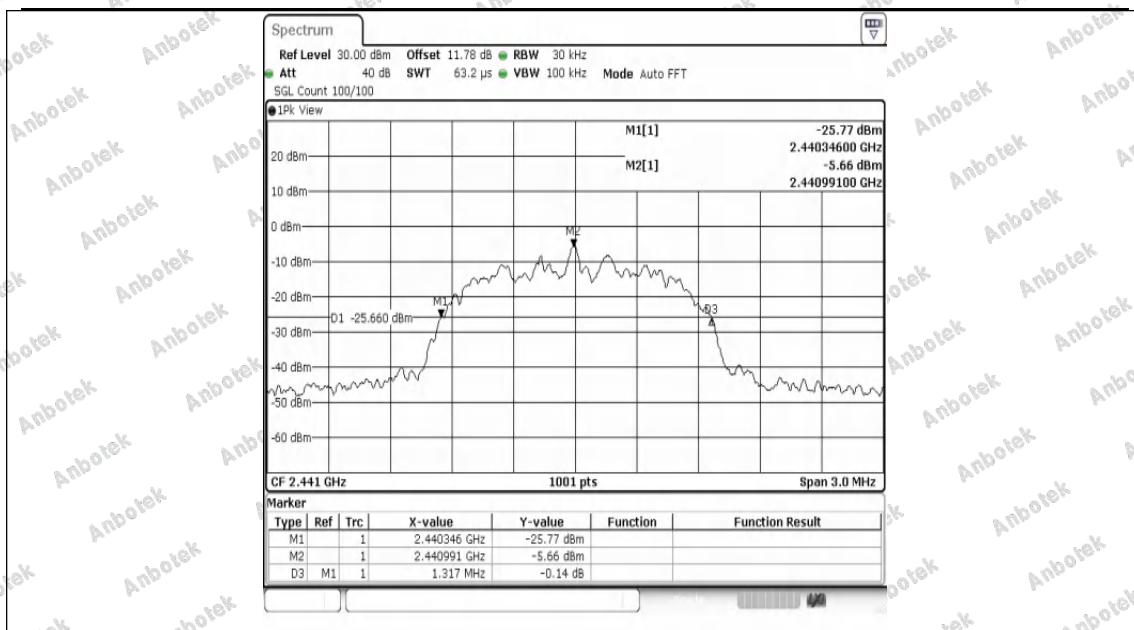


DH5-Ant1-2480

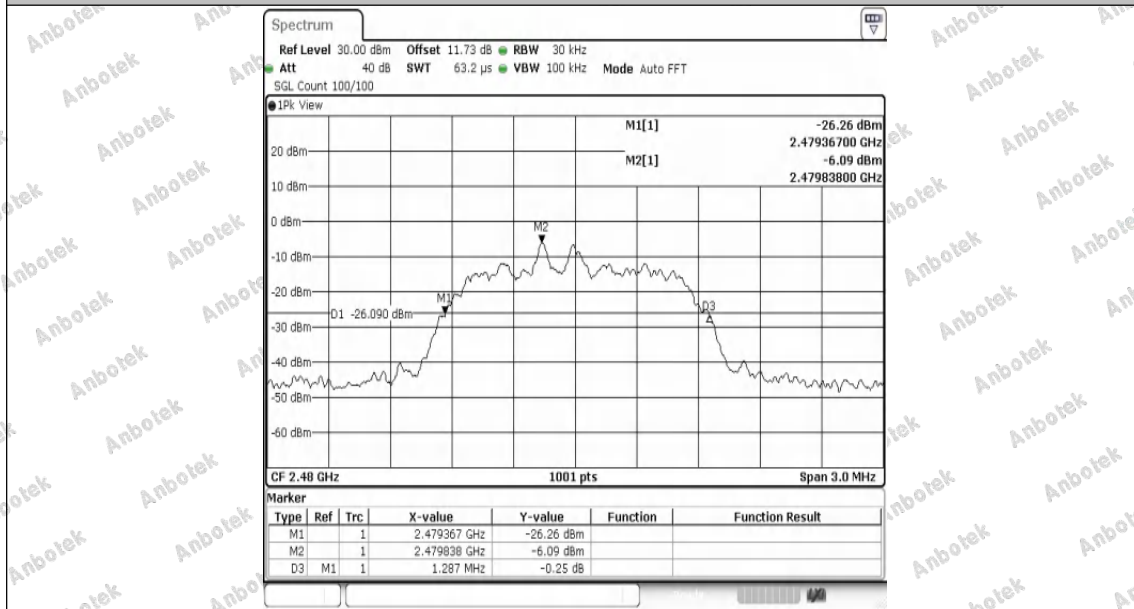


2DH5-Ant1-2402





2DH5-Ant1-2441



2DH5-Ant1-2480



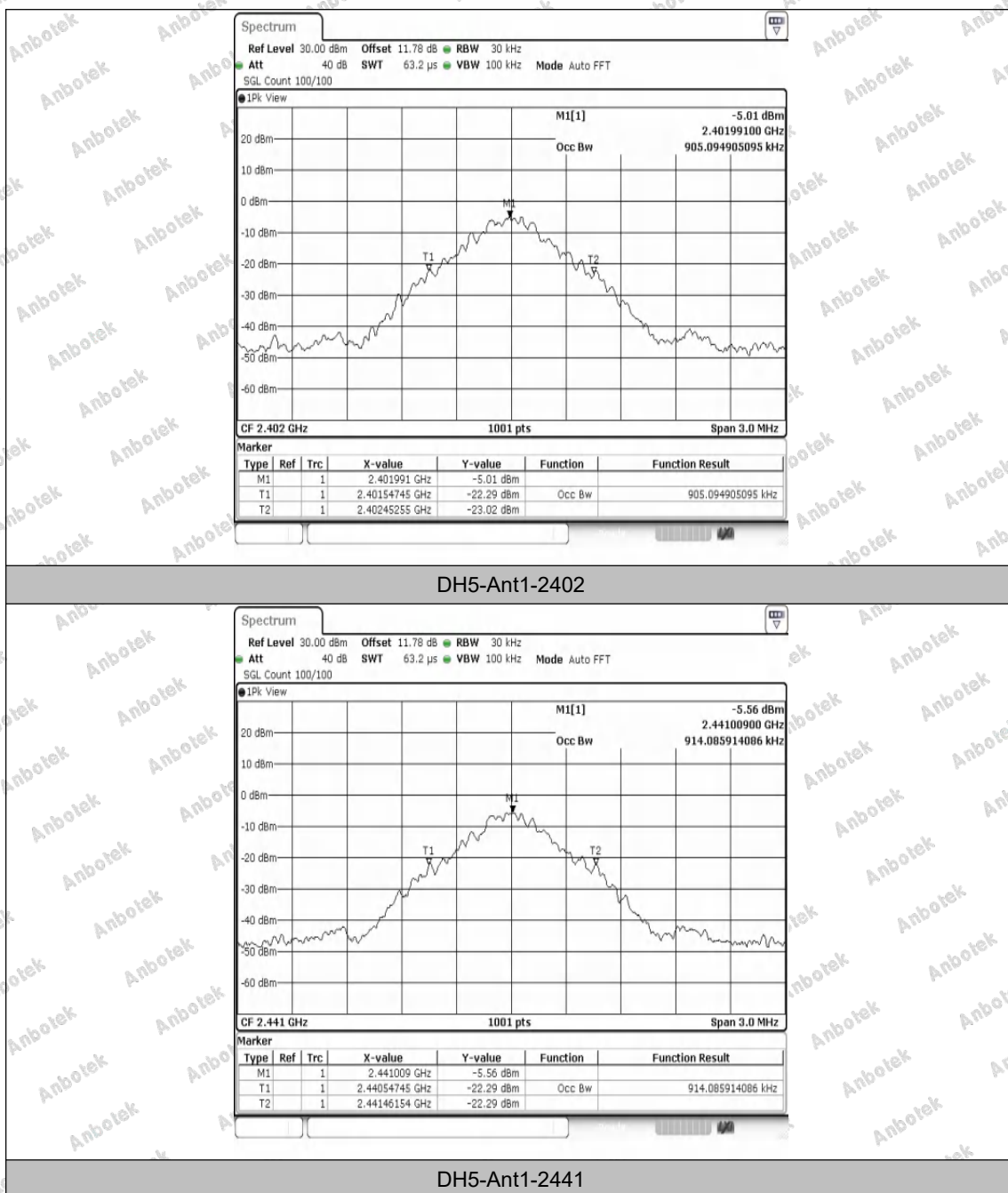
Appendix B: Occupied Channel Bandwidth

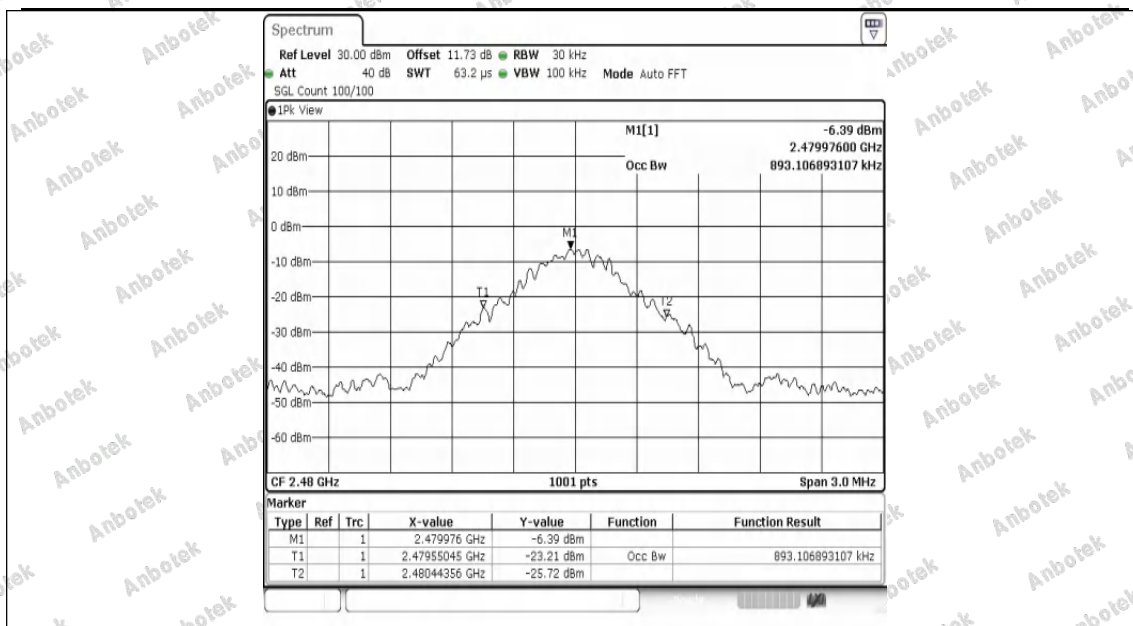
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.905	2401.5475	2402.4525	---	---
DH5	Ant1	2441	0.914	2440.5475	2441.4615	---	---
DH5	Ant1	2480	0.893	2479.5504	2480.4436	---	---
2DH5	Ant1	2402	1.184	2401.4066	2402.5904	---	---
2DH5	Ant1	2441	1.205	2440.4006	2441.6054	---	---
2DH5	Ant1	2480	1.184	2479.4036	2480.5874	---	---



Test Graphs



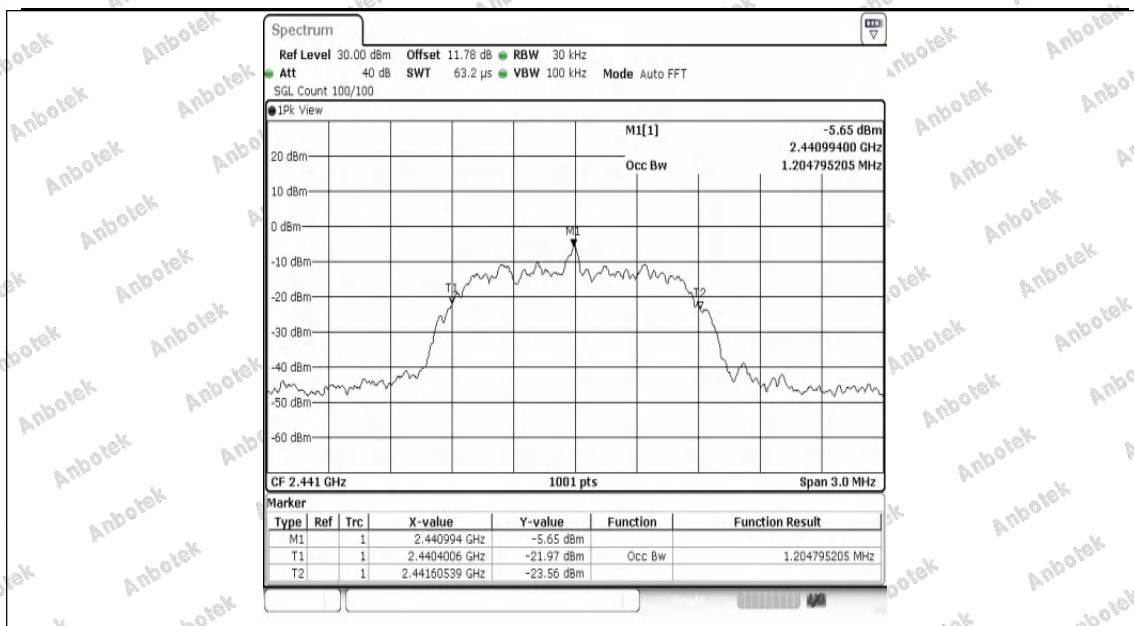


DH5-Ant1-2480

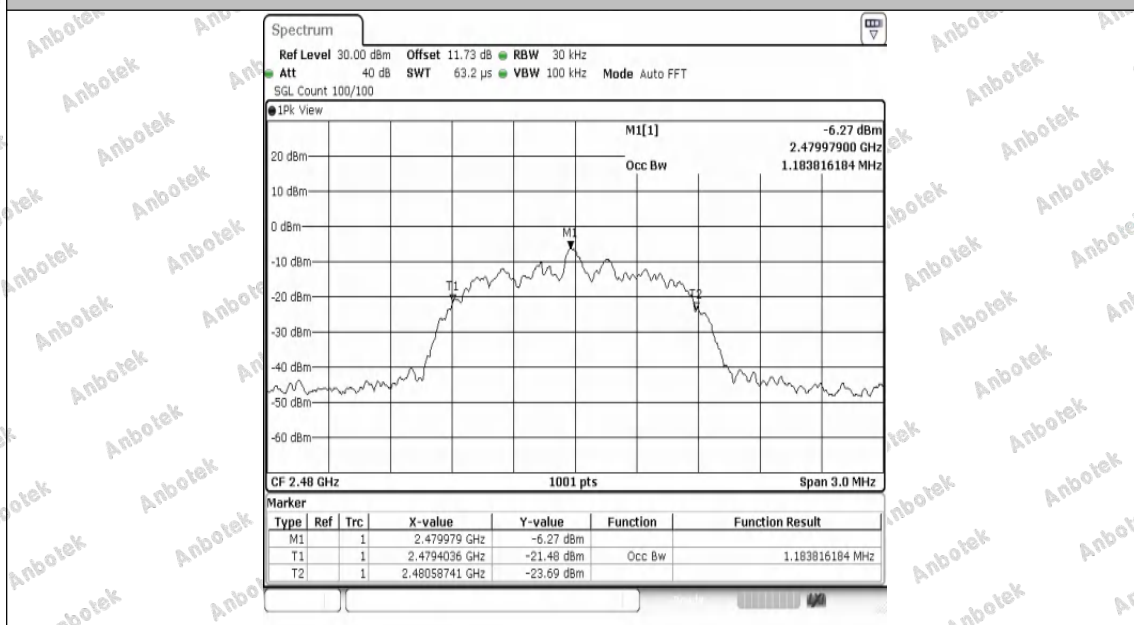


2DH5-Ant1-2402





2DH5-Ant1-2441



2DH5-Ant1-2480



Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-1.68	≤30	PASS
DH5	Ant1	2441	-2.03	≤30	PASS
DH5	Ant1	2480	-3.02	≤30	PASS
2DH5	Ant1	2402	-1.15	≤21	PASS
2DH5	Ant1	2441	-1.70	≤21	PASS
2DH5	Ant1	2480	-2.73	≤21	PASS



Test Graphs



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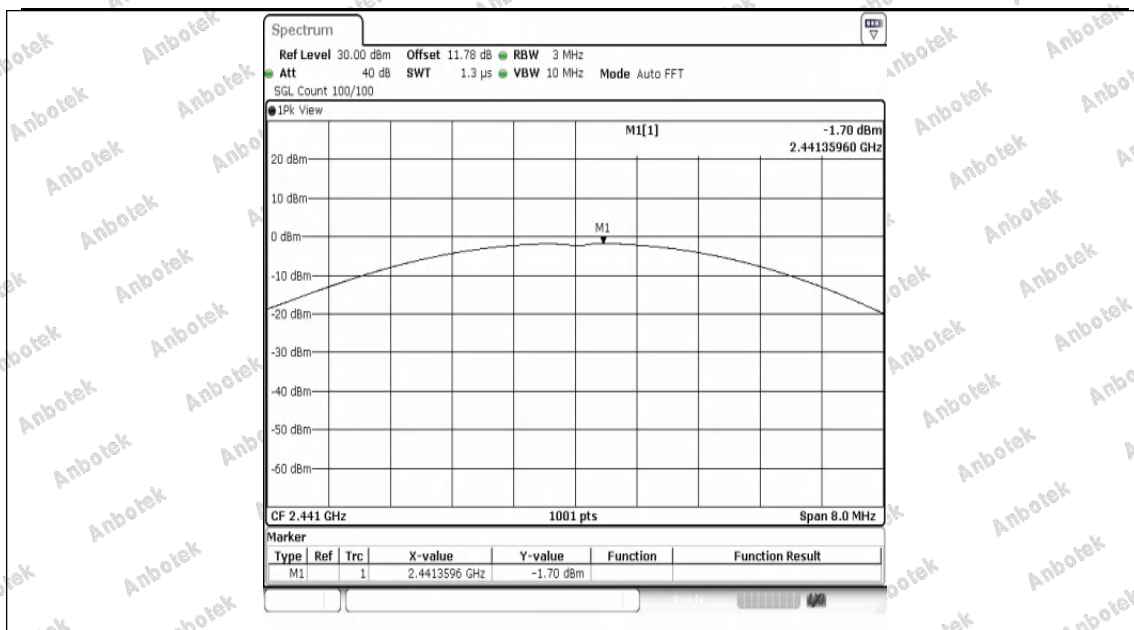
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hahgcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Email: service@anbotek.com



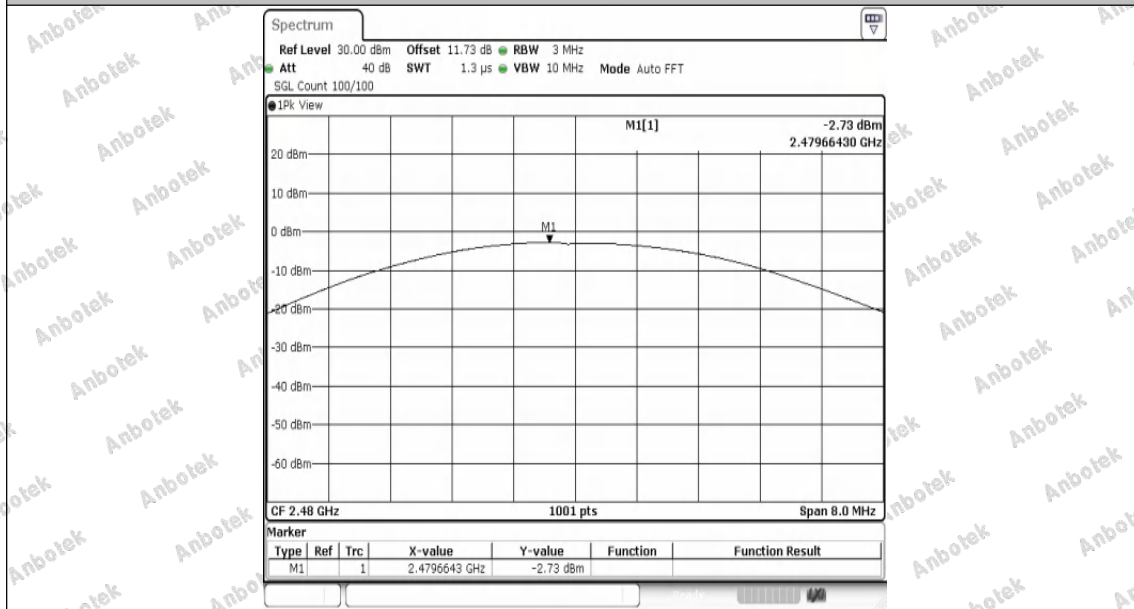
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2DH5-Ant1-2441-PASS



2DH5-Ant1-2480-PASS



Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.301	≥ 0.990	PASS
2DH5	Ant1	Hop	1.299	≥ 0.920	PASS

Test Graphs



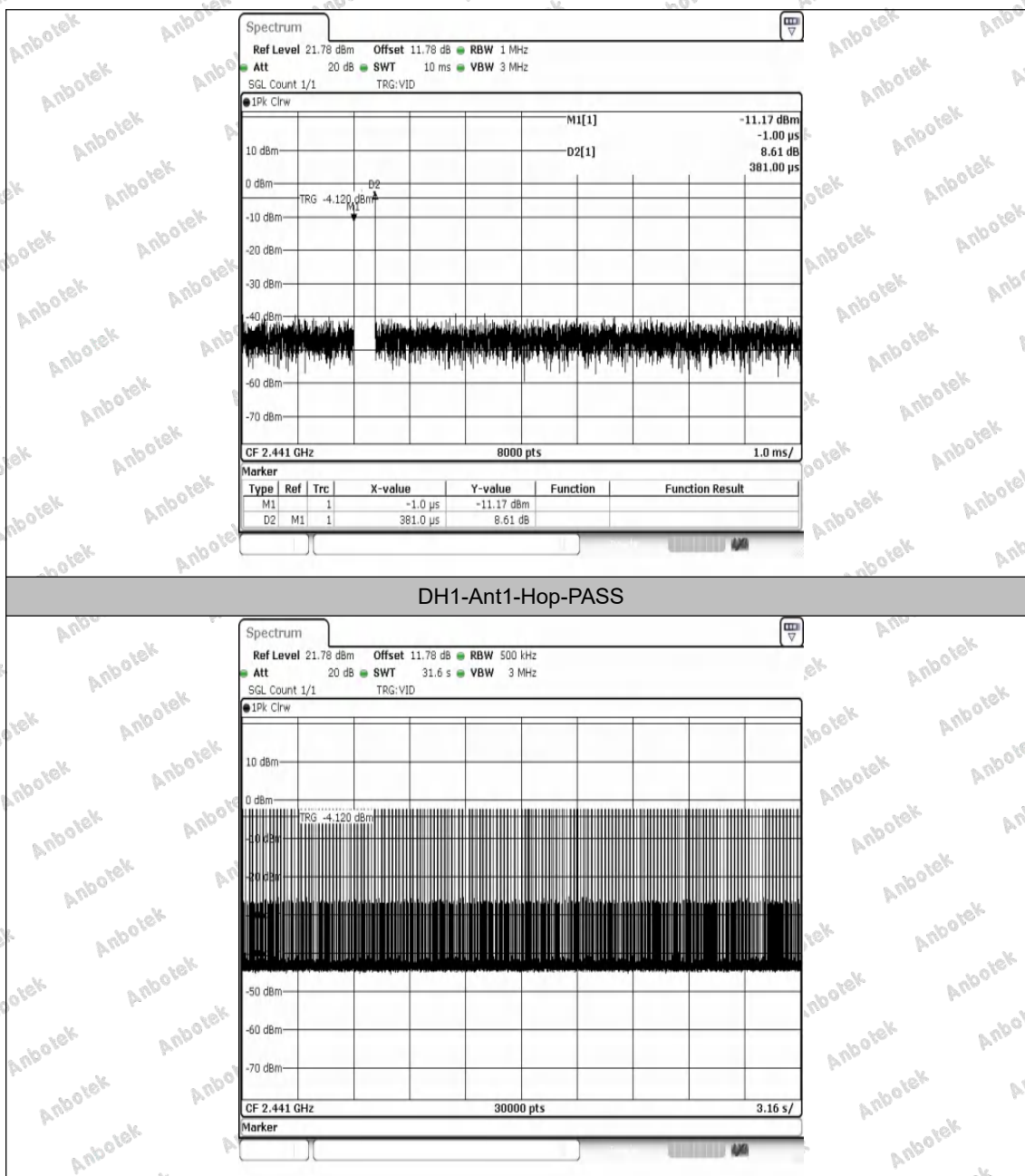
Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.381	318	0.121	≤0.4	PASS
DH3	Ant1	Hop	1.636	162	0.265	≤0.4	PASS
DH5	Ant1	Hop	2.885	122	0.352	≤0.4	PASS
2DH1	Ant1	Hop	0.390	318	0.124	≤0.4	PASS
2DH3	Ant1	Hop	1.643	161	0.265	≤0.4	PASS
2DH5	Ant1	Hop	2.890	105	0.303	≤0.4	PASS



Test Graphs



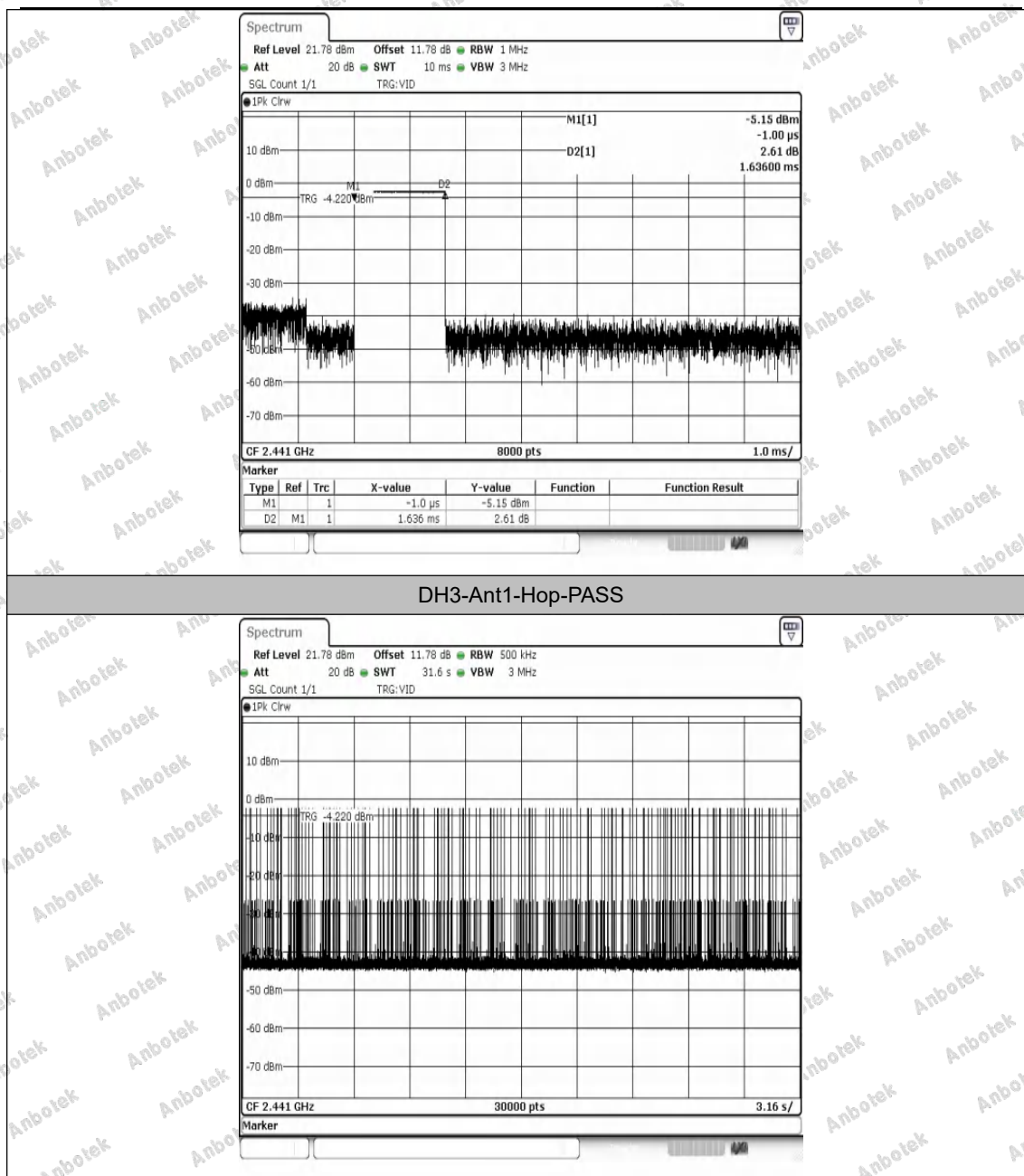
Shenzhen Anbotek Compliance Laboratory Limited

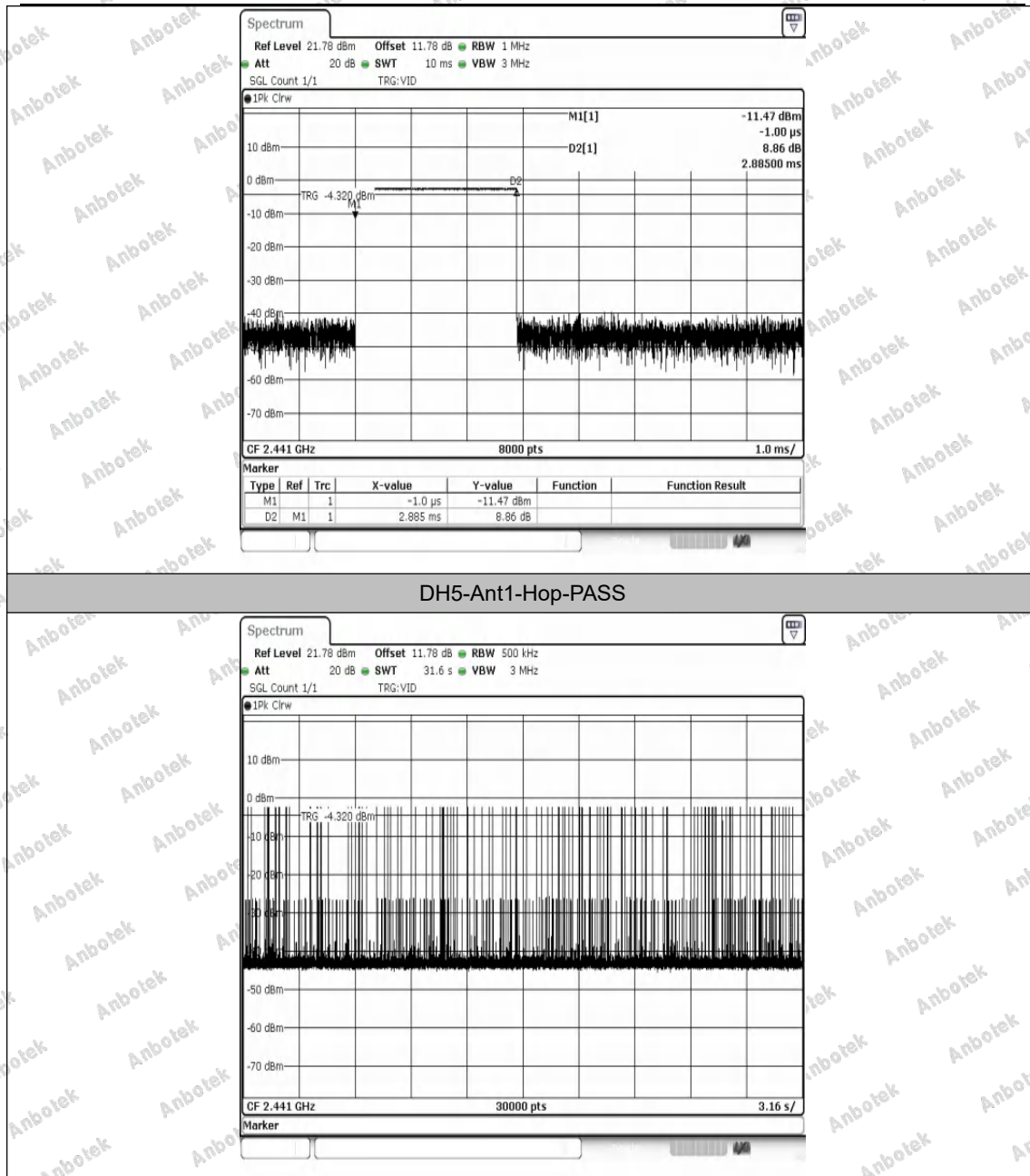
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hahgcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Email: service@anbotek.com

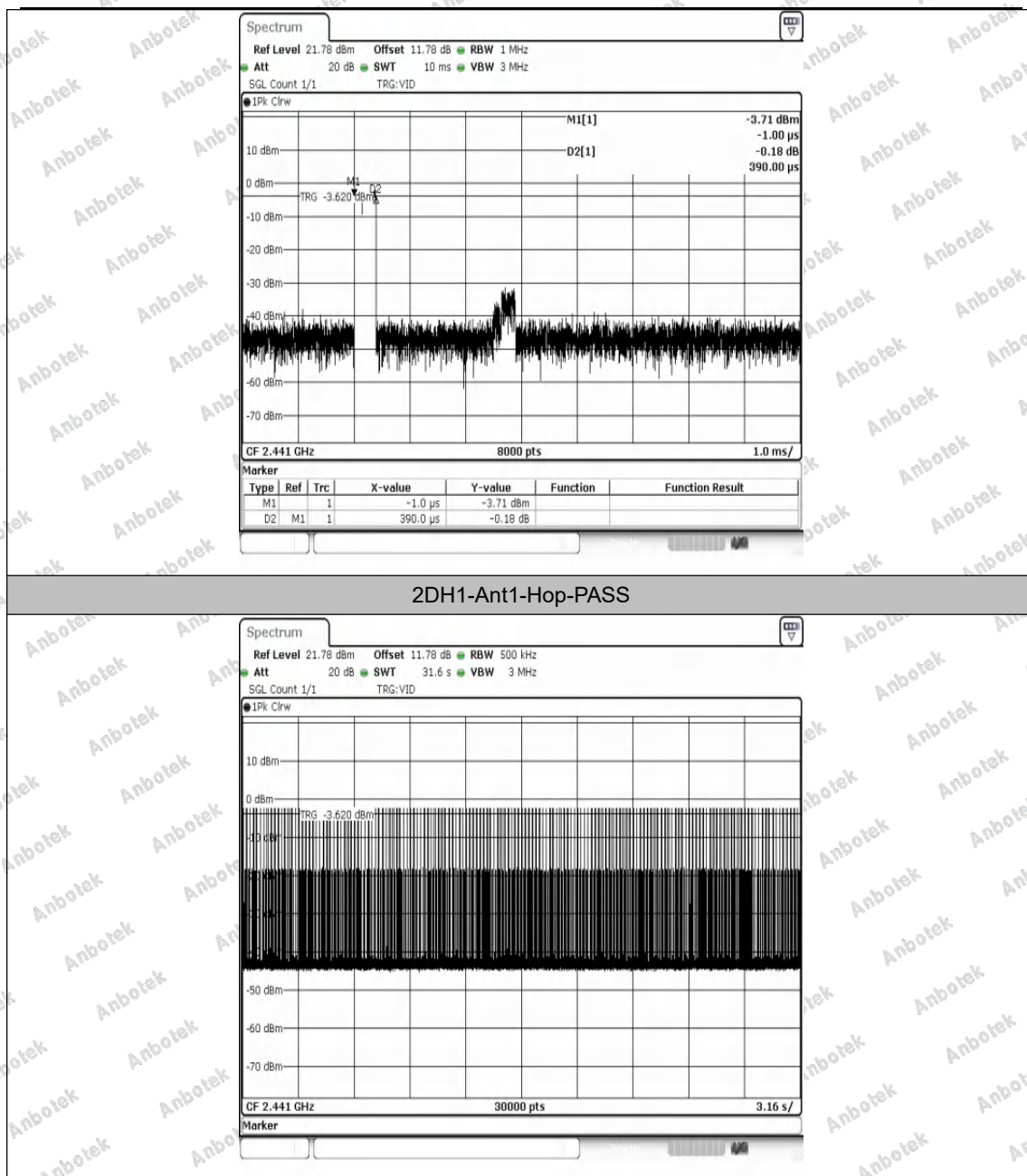


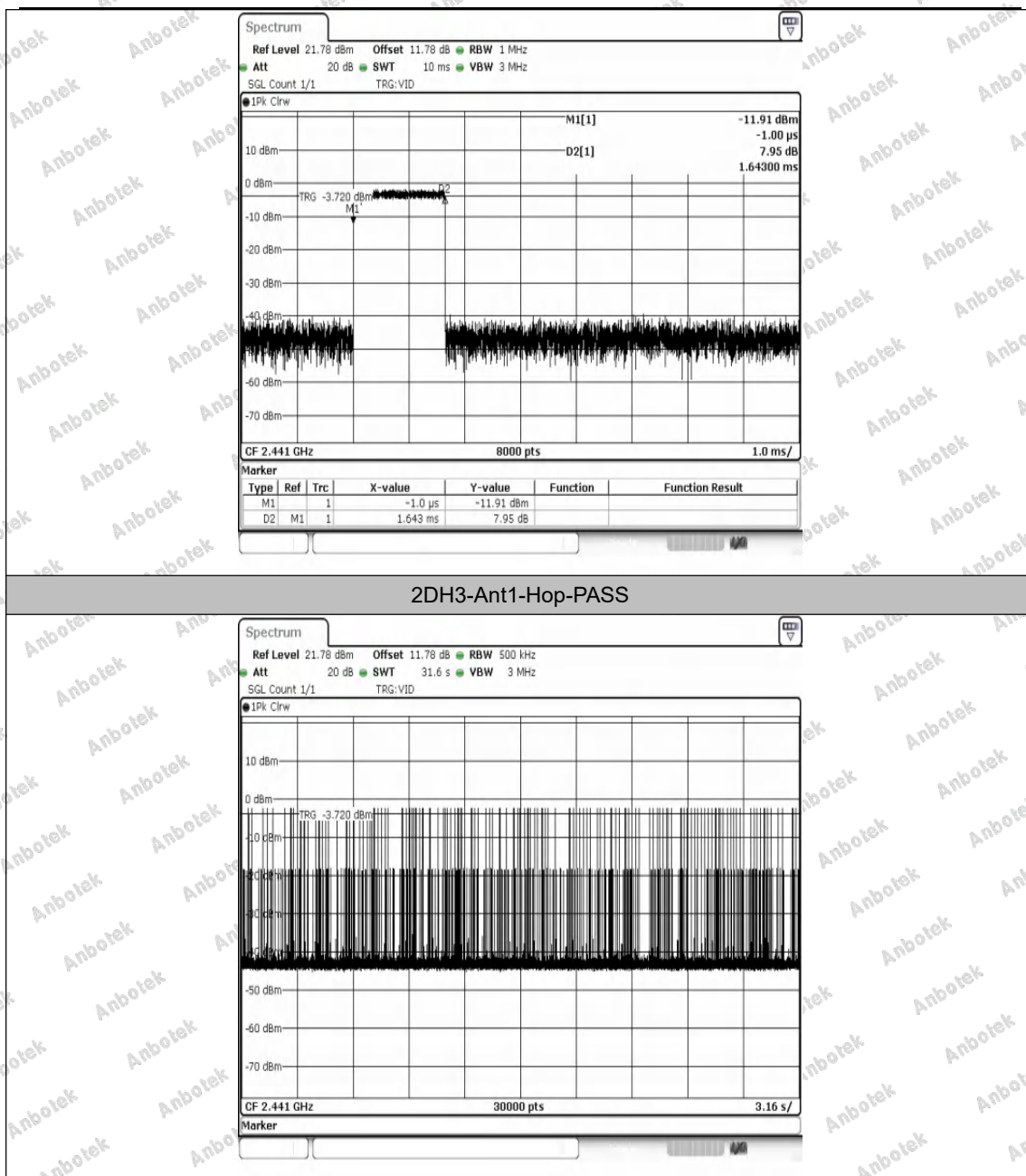
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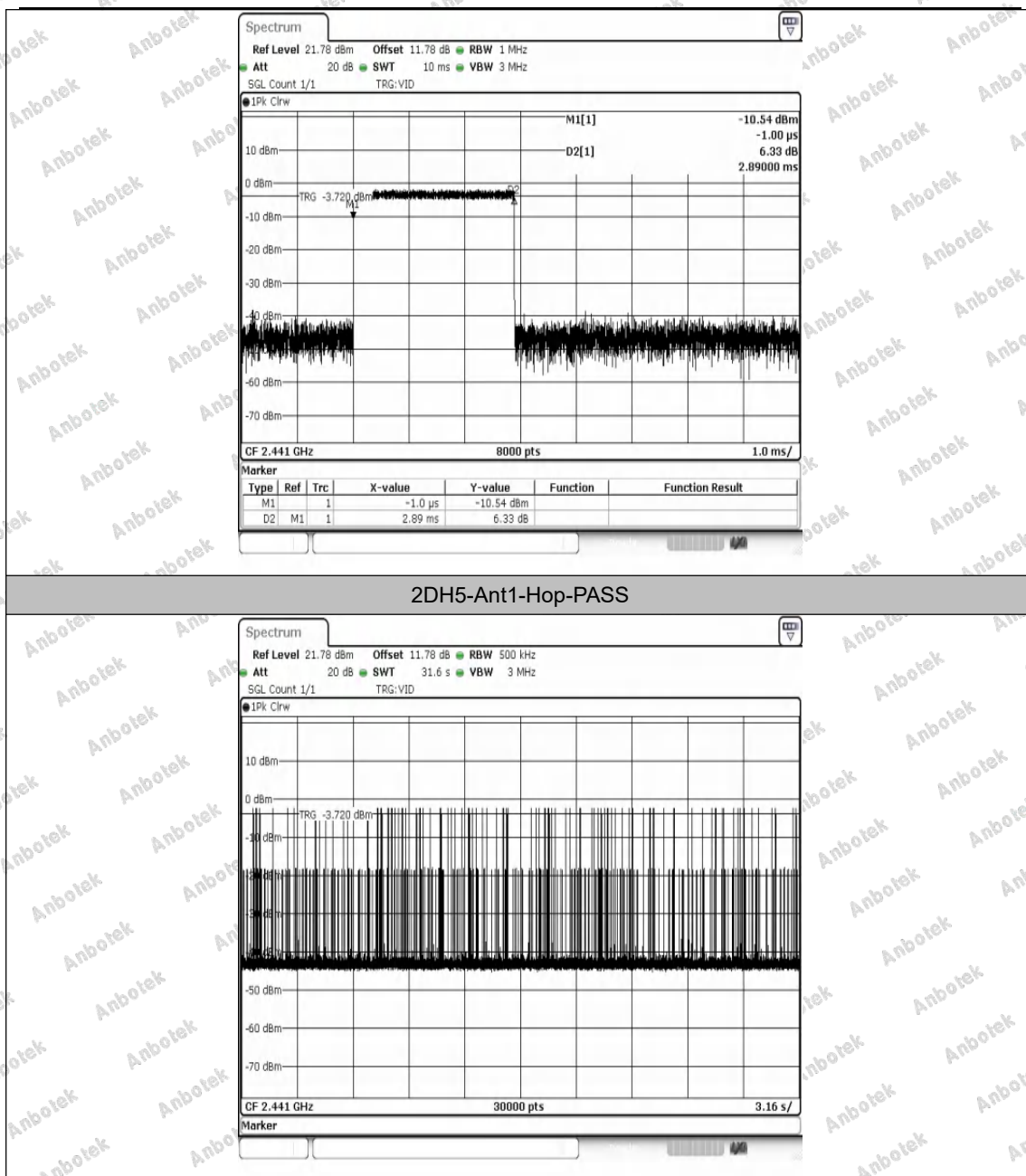










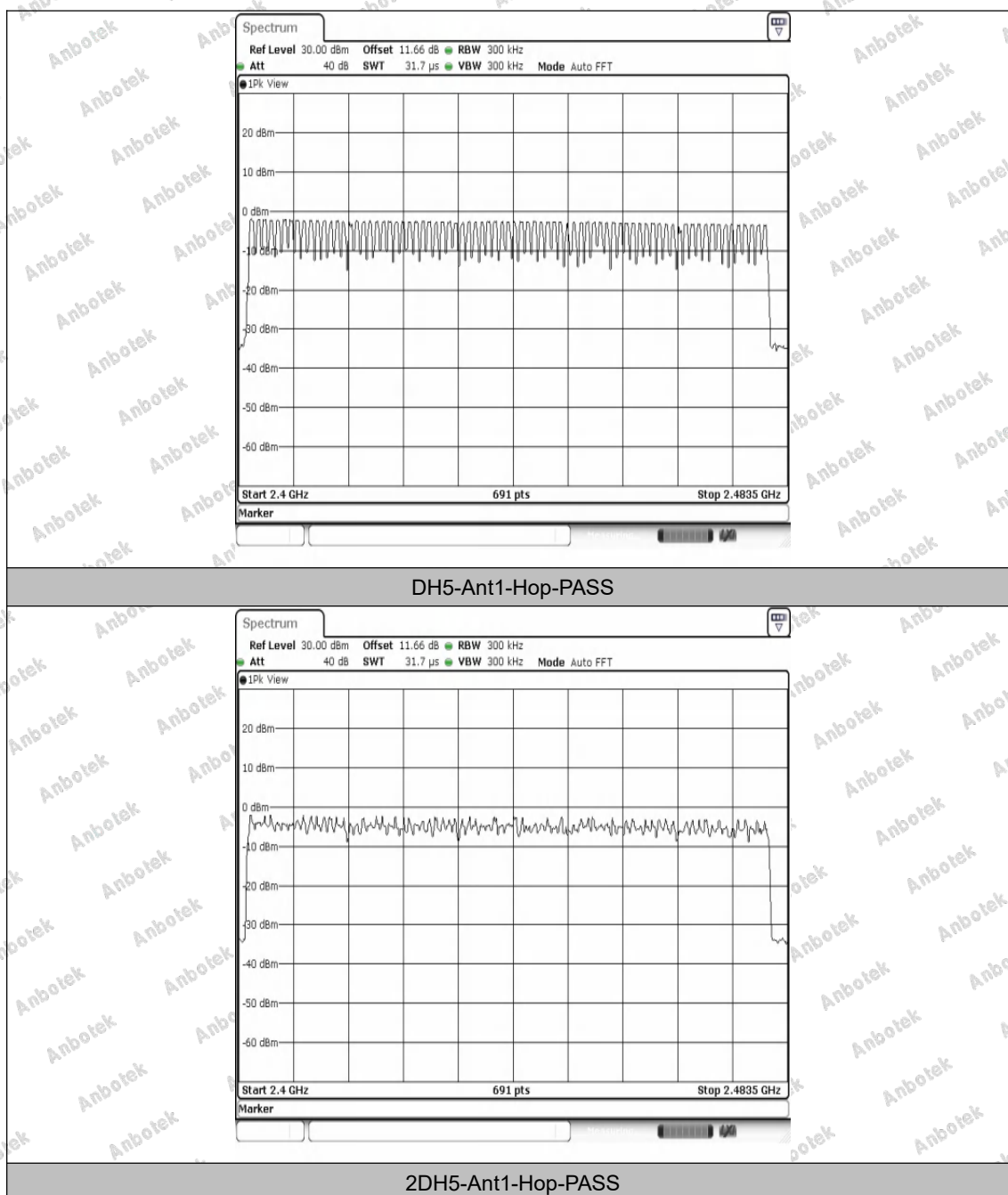


Appendix F: Number of hopping channels

Test Result

TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥75	PASS
2DH5	Ant1	Hop	79	≥15	PASS

Test Graphs



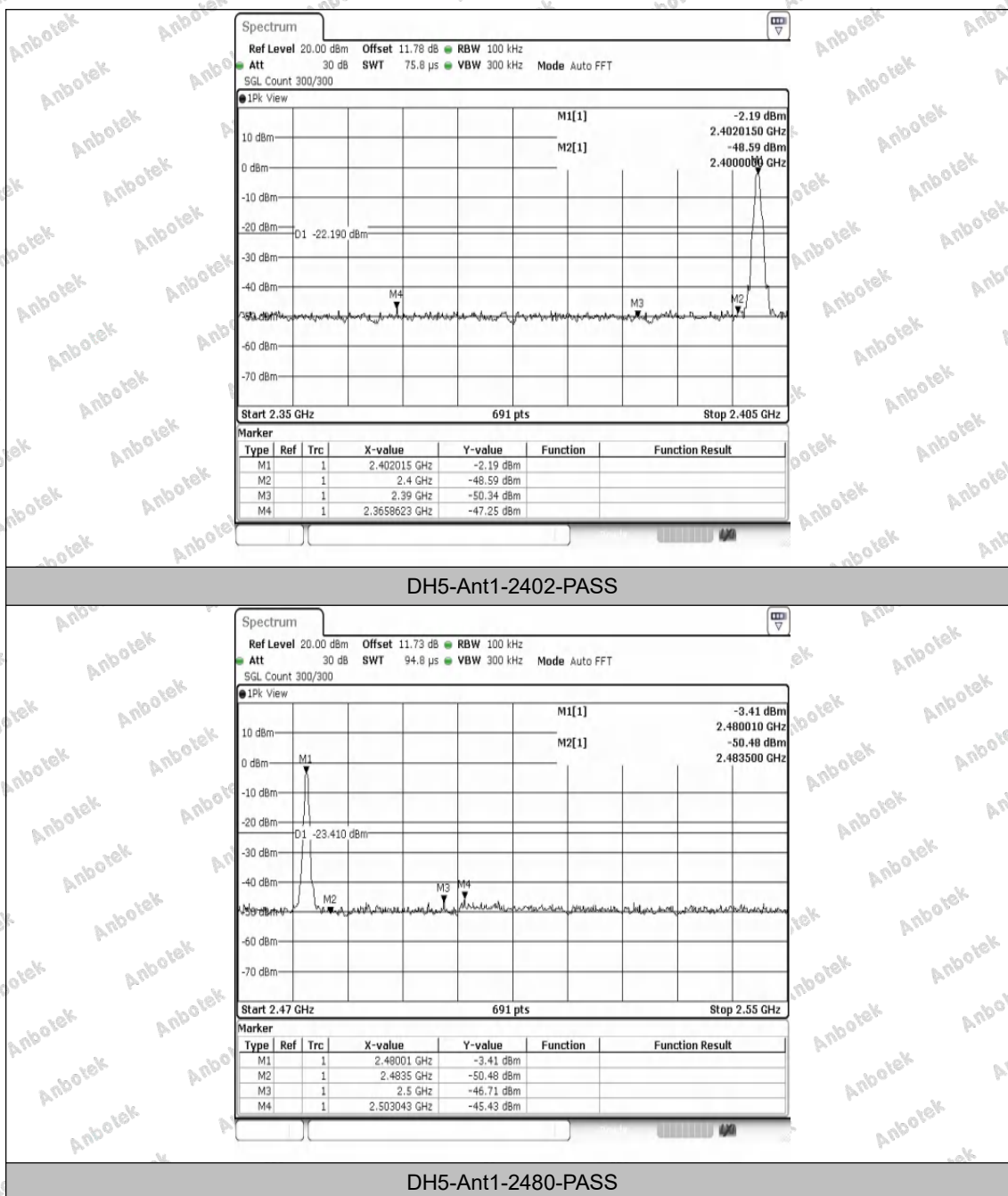
Appendix G: Band edge measurements

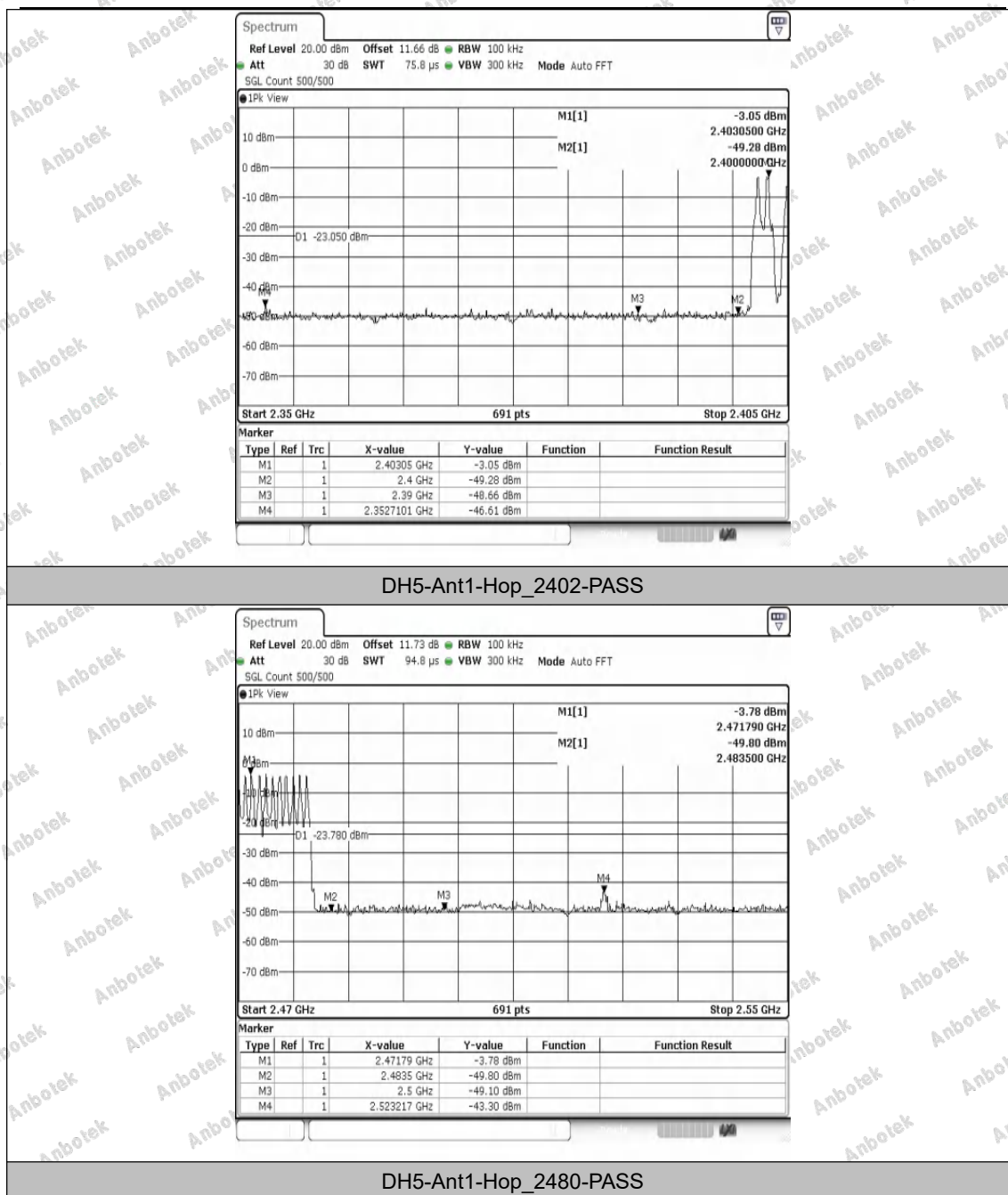
Test Result

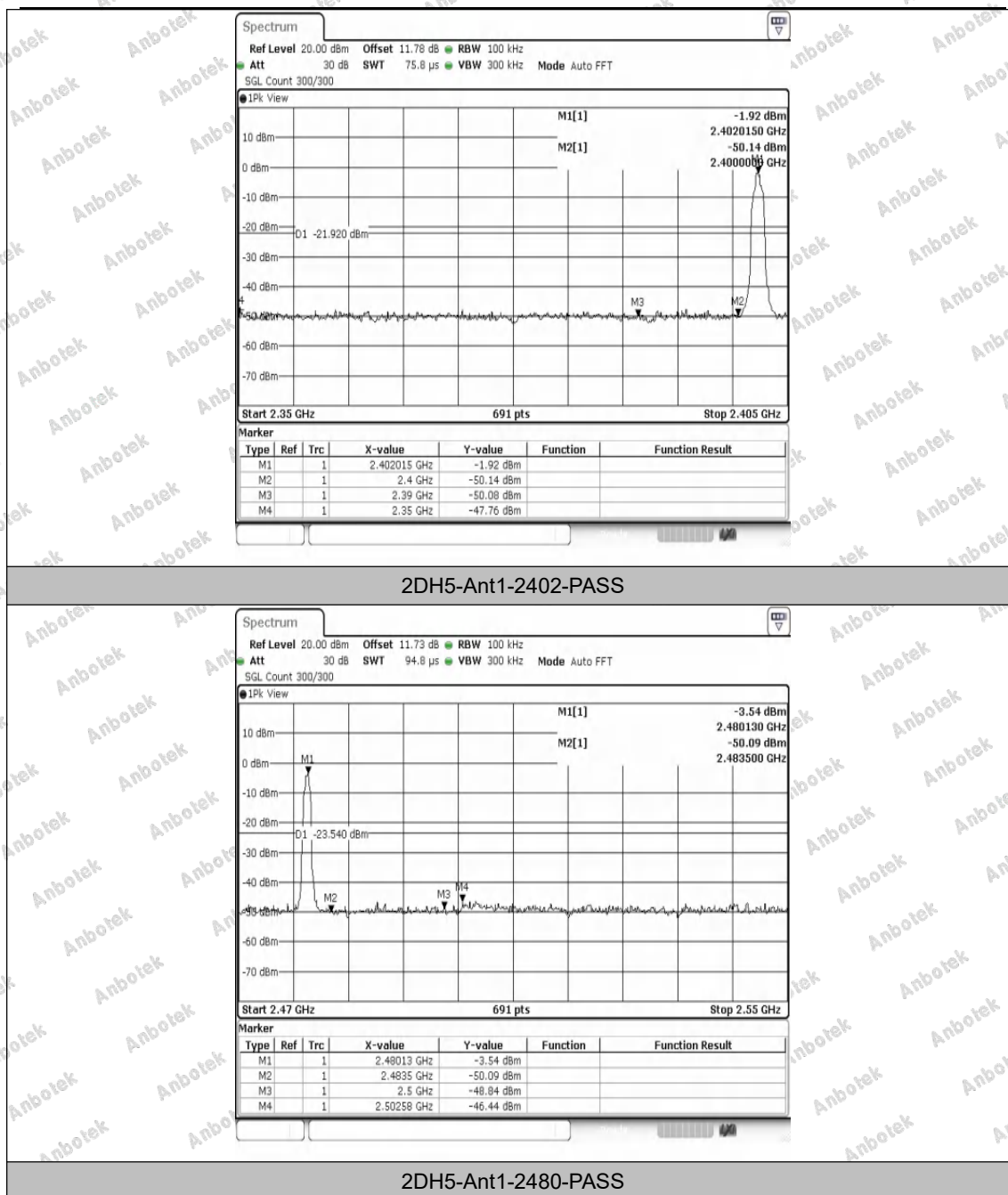
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-2.19	-47.25	≤-22.19	PASS
DH5	Ant1	High	2480	-3.41	-45.43	≤-23.41	PASS
DH5	Ant1	Low	Hop_2402	-3.05	-46.61	≤-23.05	PASS
DH5	Ant1	High	Hop_2480	-3.78	-43.3	≤-23.78	PASS
2DH5	Ant1	Low	2402	-1.92	-47.76	≤-21.92	PASS
2DH5	Ant1	High	2480	-3.54	-46.44	≤-23.54	PASS
2DH5	Ant1	Low	Hop_2402	-6.56	-47.38	≤-26.56	PASS
2DH5	Ant1	High	Hop_2480	-6.31	-45.84	≤-26.31	PASS

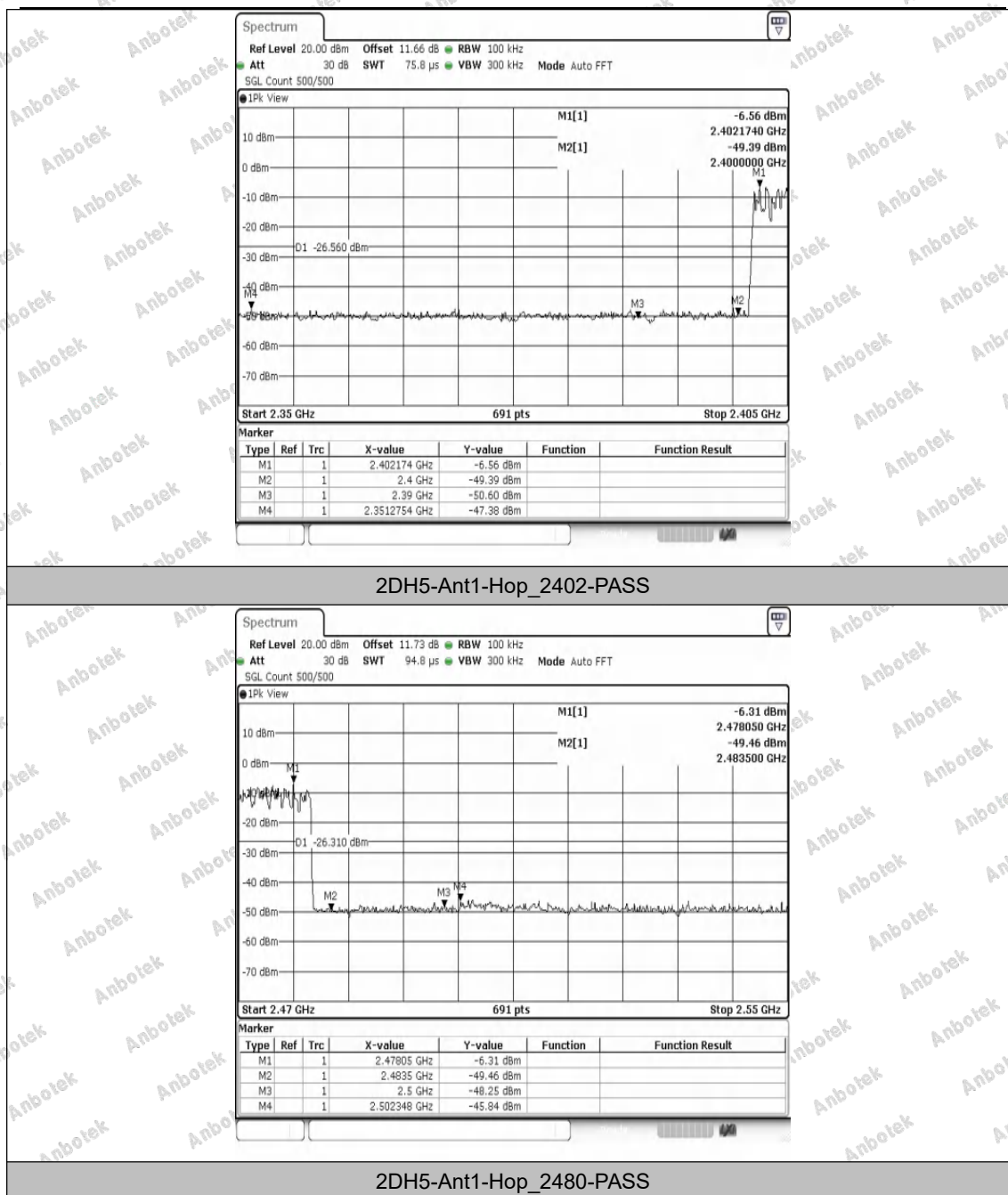


Test Graphs









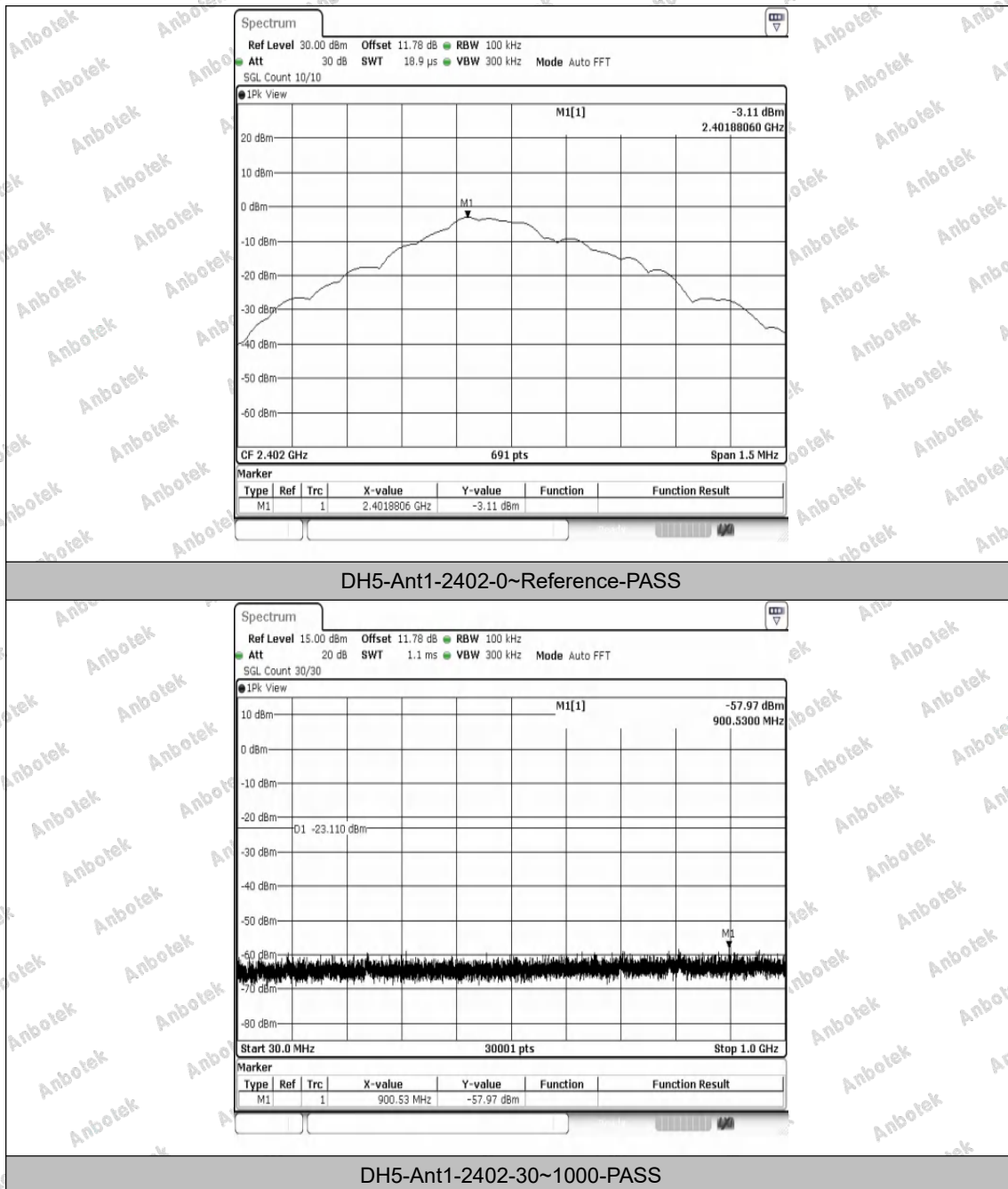
Appendix H: Conducted Spurious Emission

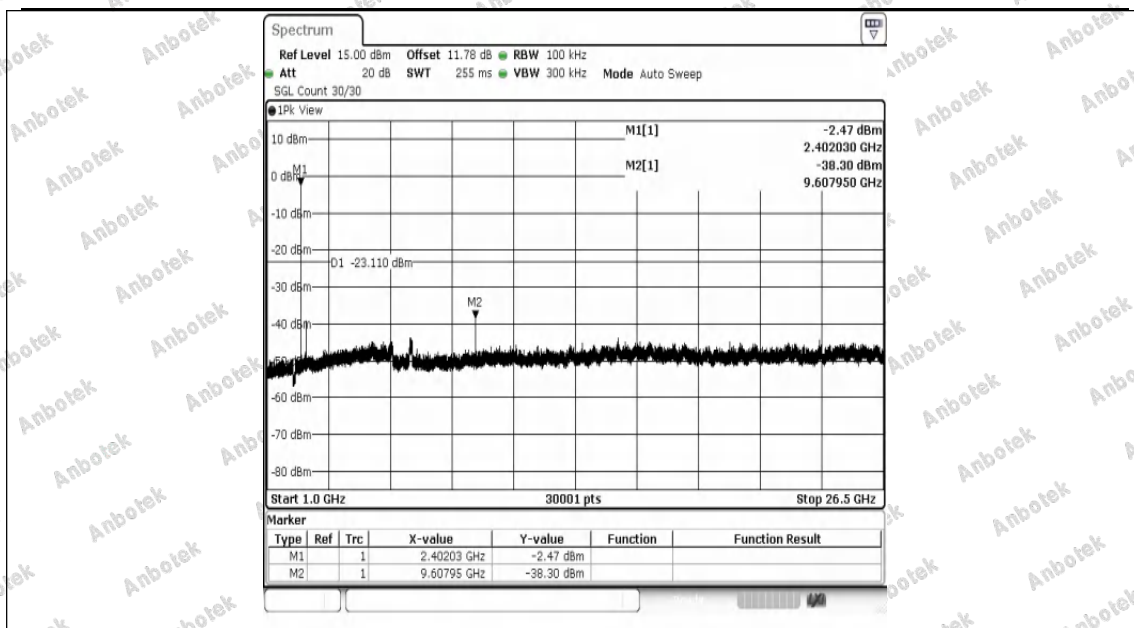
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-3.11	-3.11	---	PASS
DH5	Ant1	2402	30~1000	-3.11	-57.97	≤-23.11	PASS
DH5	Ant1	2402	1000~26500	-3.11	-38.3	≤-23.11	PASS
DH5	Ant1	2441	0~Reference	-3.40	-3.40	---	PASS
DH5	Ant1	2441	30~1000	-3.40	-58.28	≤-23.4	PASS
DH5	Ant1	2441	1000~26500	-3.40	-37.19	≤-23.4	PASS
DH5	Ant1	2480	0~Reference	-4.13	-4.13	---	PASS
DH5	Ant1	2480	30~1000	-4.13	-58.26	≤-24.13	PASS
DH5	Ant1	2480	1000~26500	-4.13	-36.68	≤-24.13	PASS
2DH5	Ant1	2402	0~Reference	-2.03	-2.03	---	PASS
2DH5	Ant1	2402	30~1000	-2.03	-58.93	≤-22.03	PASS
2DH5	Ant1	2402	1000~26500	-2.03	-37.7	≤-22.03	PASS
2DH5	Ant1	2441	0~Reference	-5.35	-5.35	---	PASS
2DH5	Ant1	2441	30~1000	-5.35	-58.59	≤-25.35	PASS
2DH5	Ant1	2441	1000~26500	-5.35	-36.69	≤-25.35	PASS
2DH5	Ant1	2480	0~Reference	-5.33	-5.33	---	PASS
2DH5	Ant1	2480	30~1000	-5.33	-47.01	≤-25.33	PASS
2DH5	Ant1	2480	1000~26500	-5.33	-36.69	≤-25.33	PASS

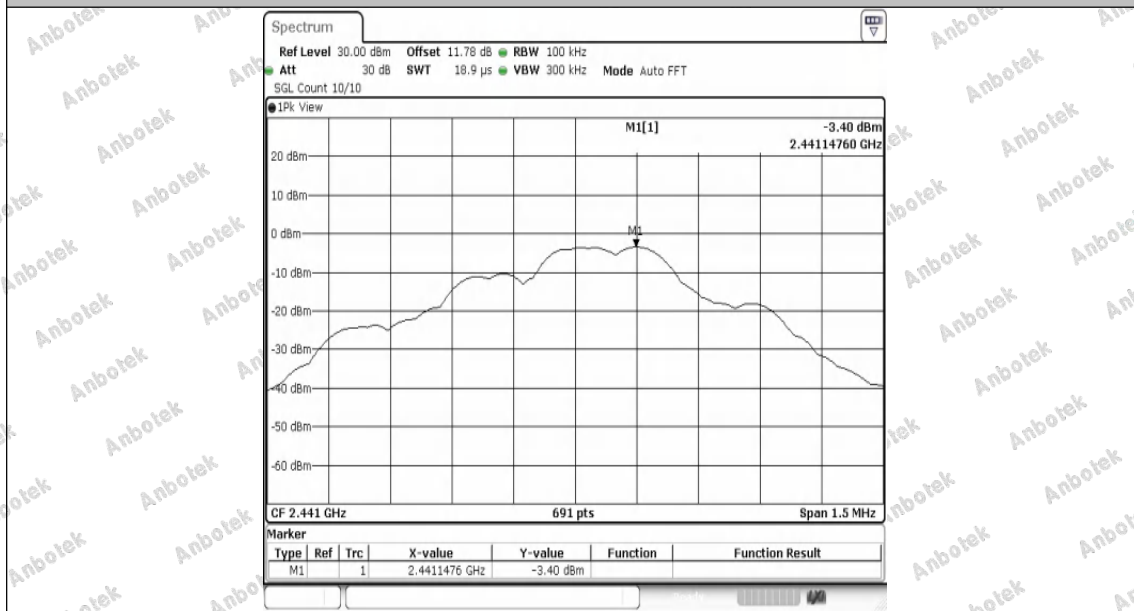


Test Graphs



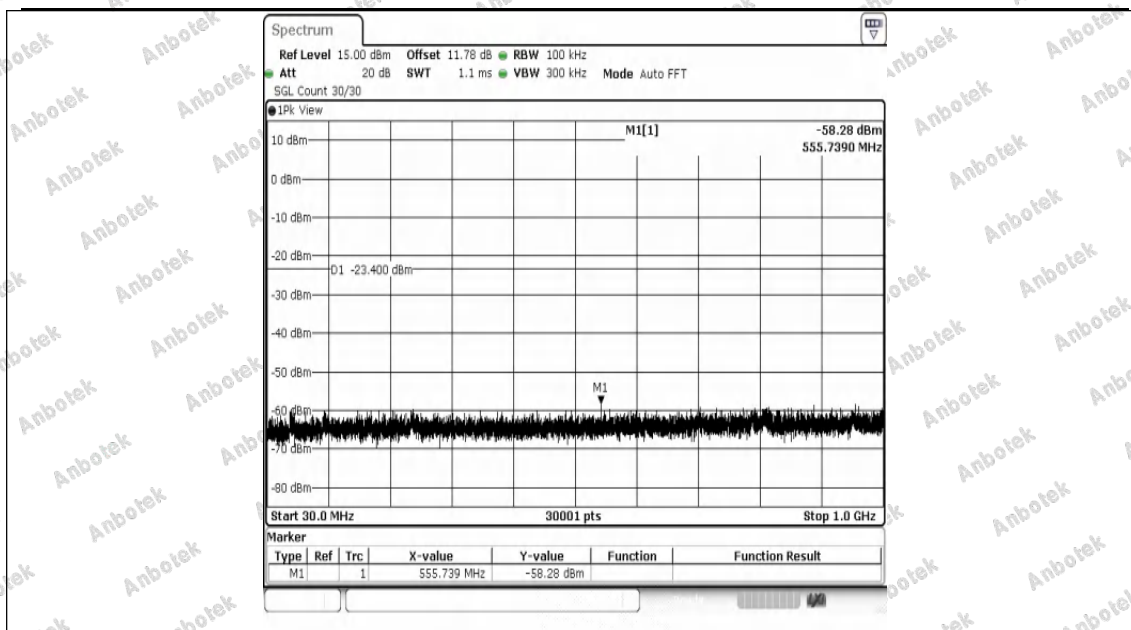


DH5-Ant1-2402-1000~26500-PASS

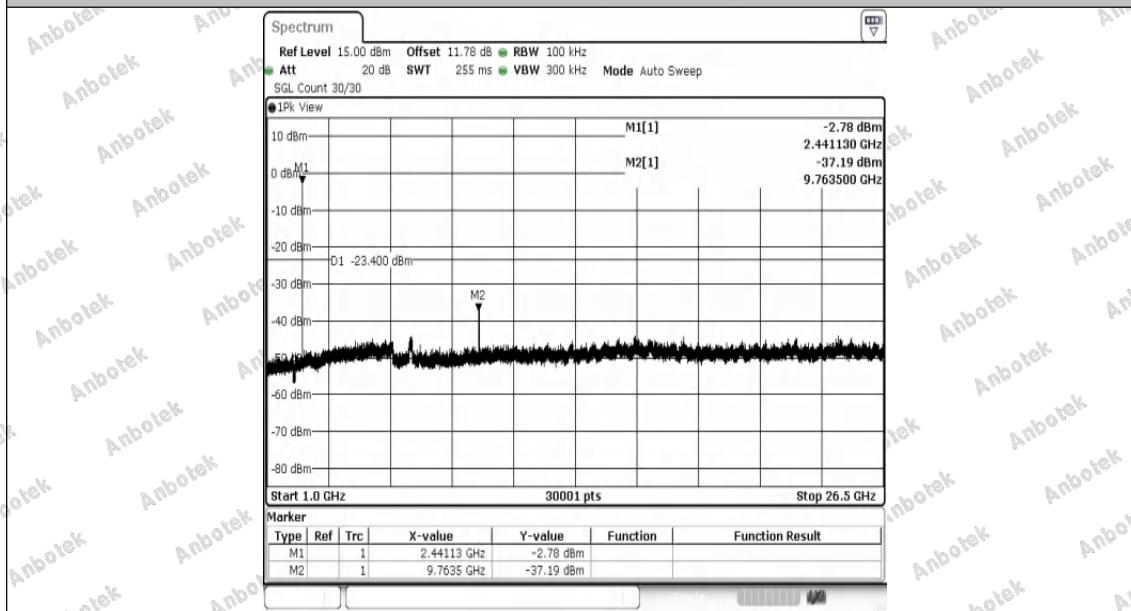


DH5-Ant1-2441-0~Reference-PASS



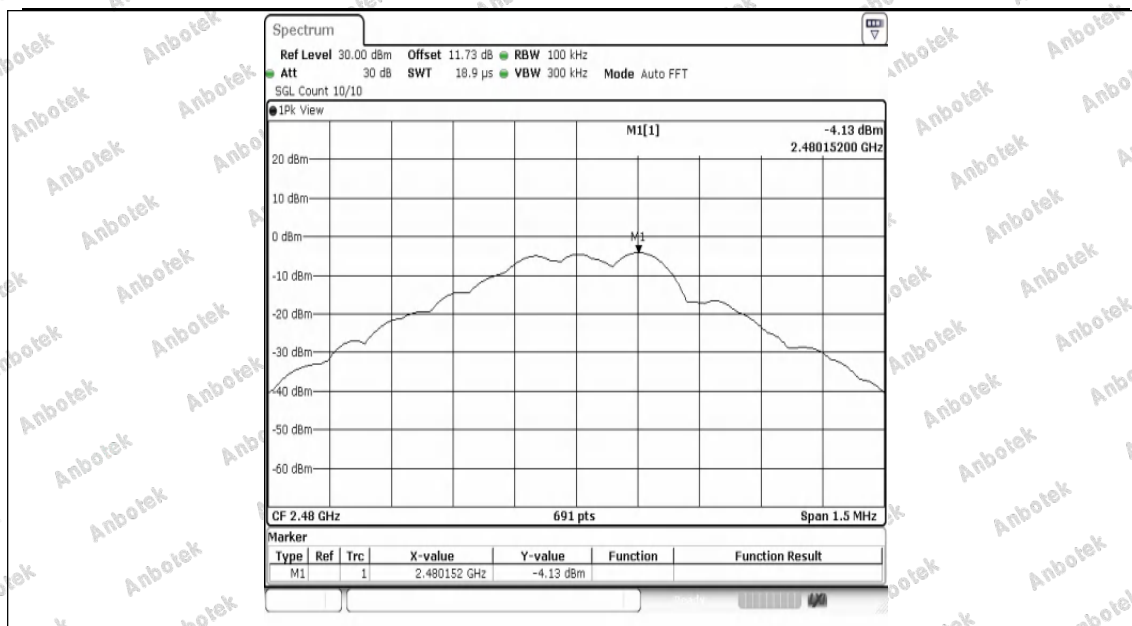


DH5-Ant1-2441-30~1000-PASS

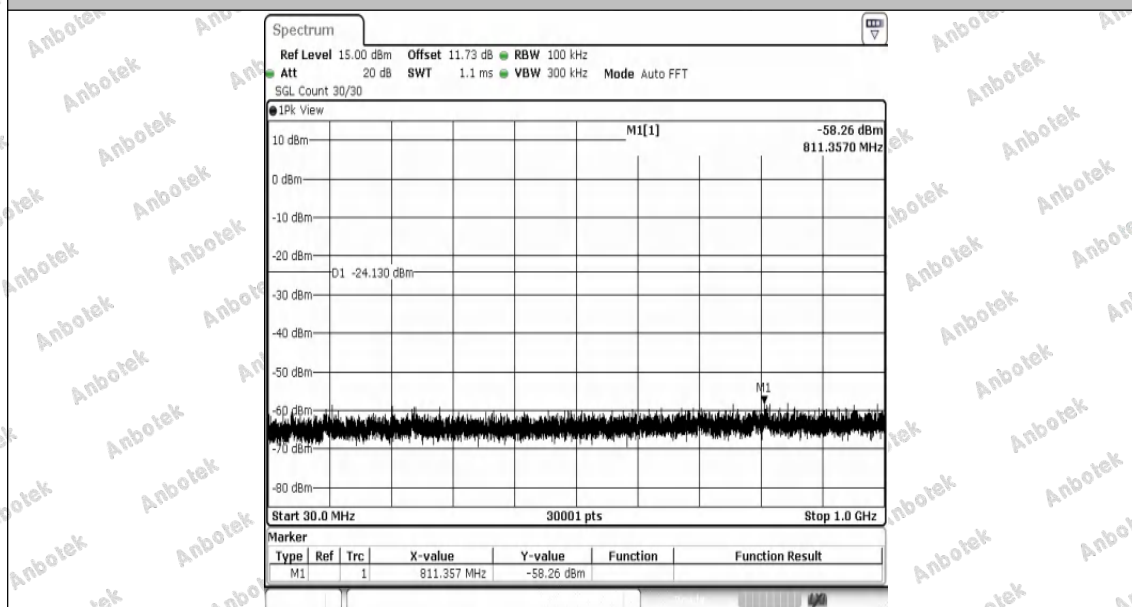


DH5-Ant1-2441-1000~26500-PASS



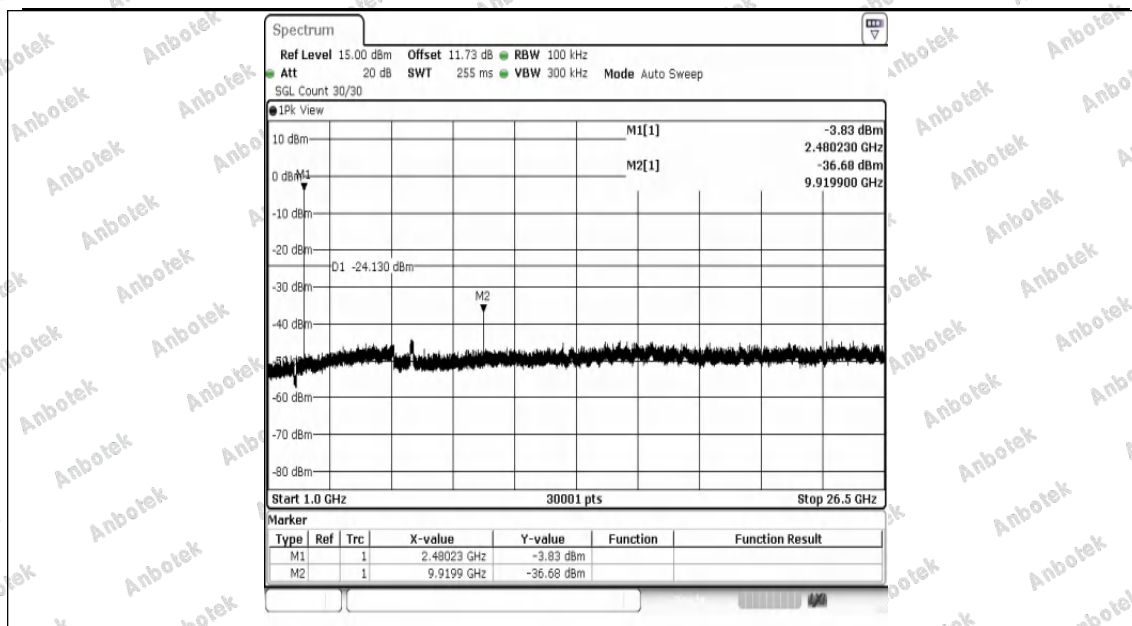


DH5-Ant1-2480-0~Reference-PASS

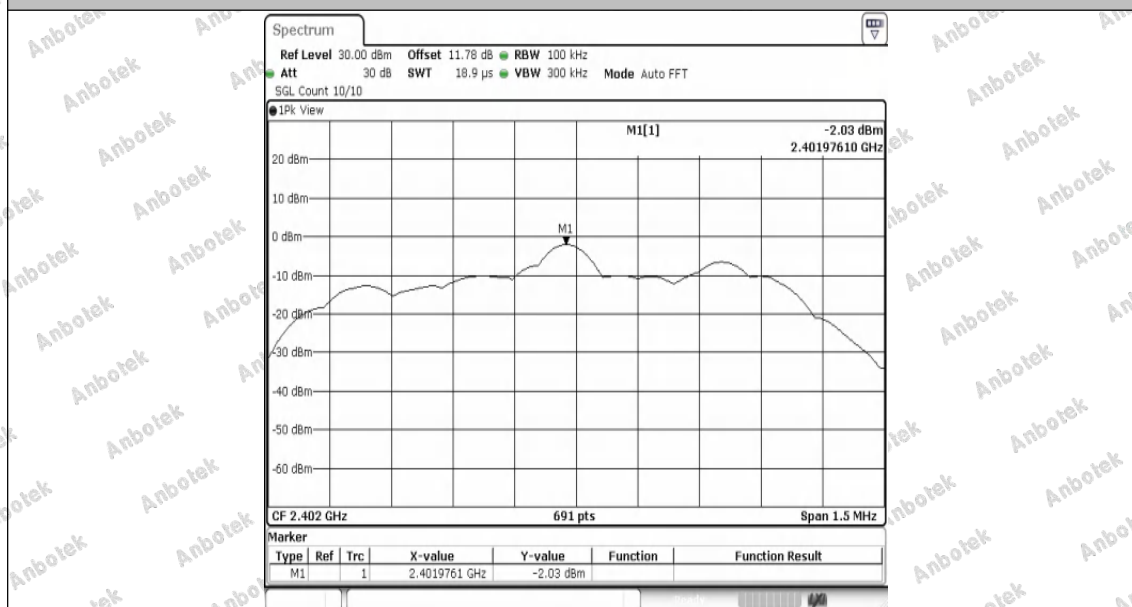


DH5-Ant1-2480-30~1000-PASS



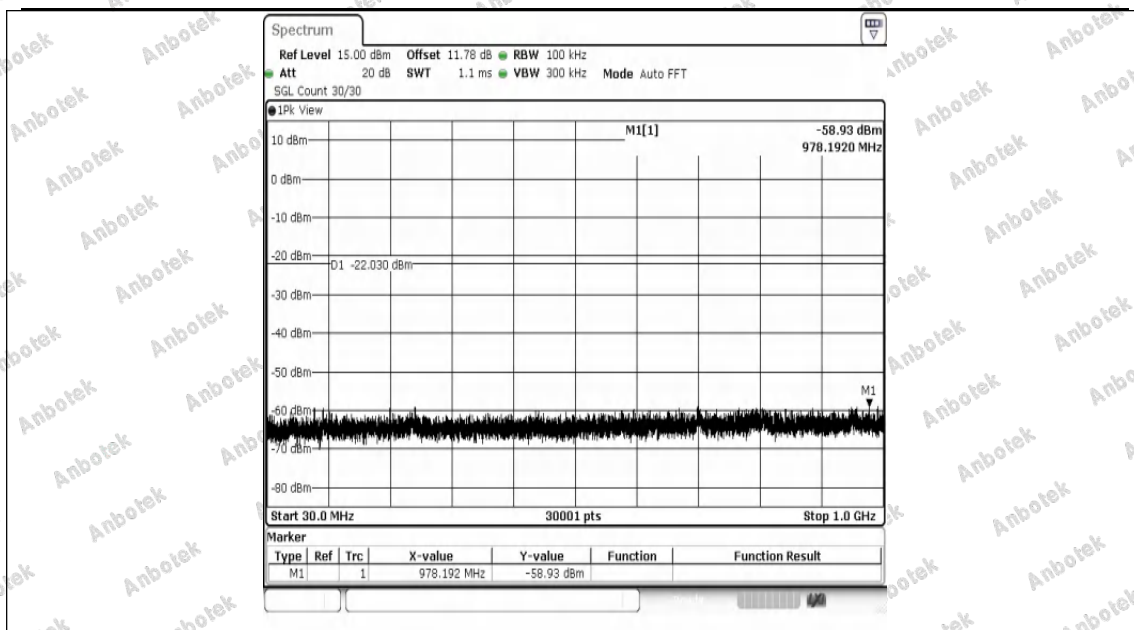


DH5-Ant1-2480-1000~26500-PASS

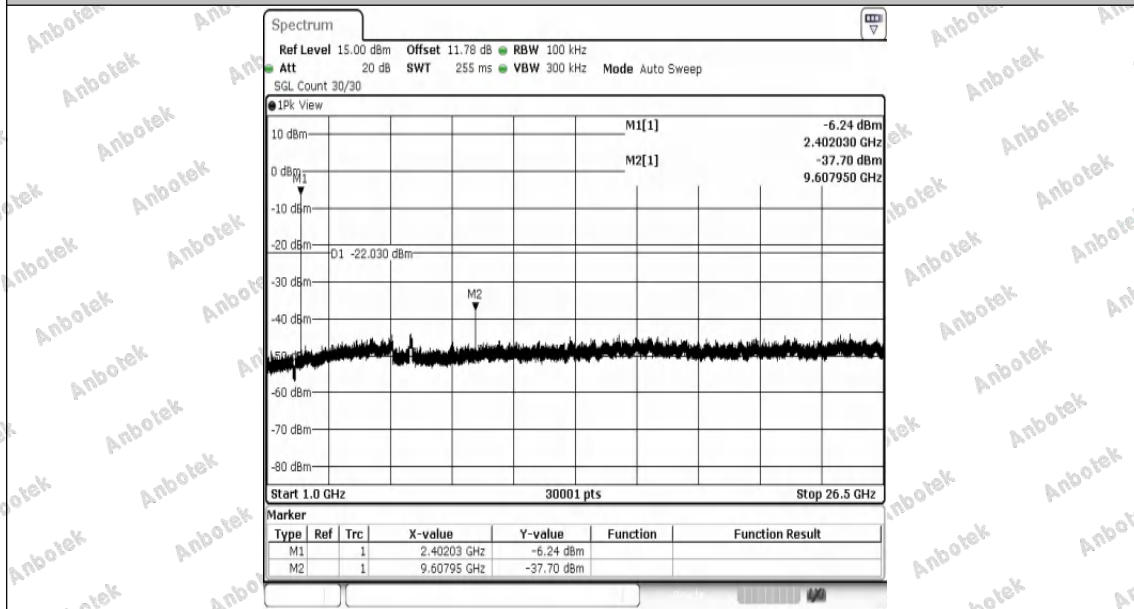


2DH5-Ant1-2402-0~Reference-PASS



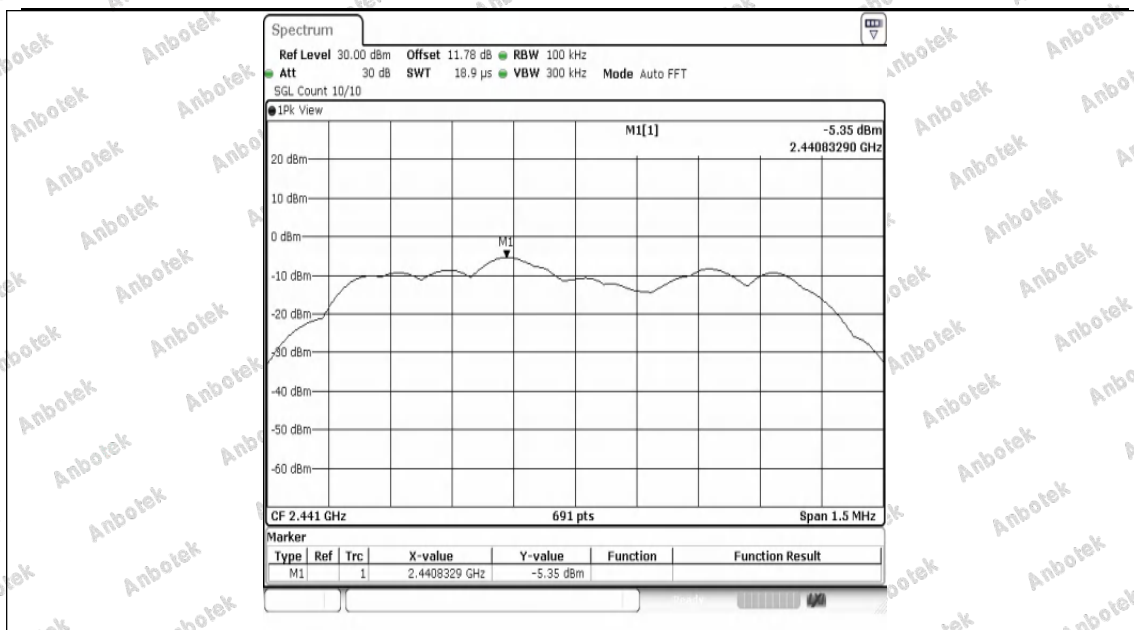


2DH5-Ant1-2402-30~1000-PASS

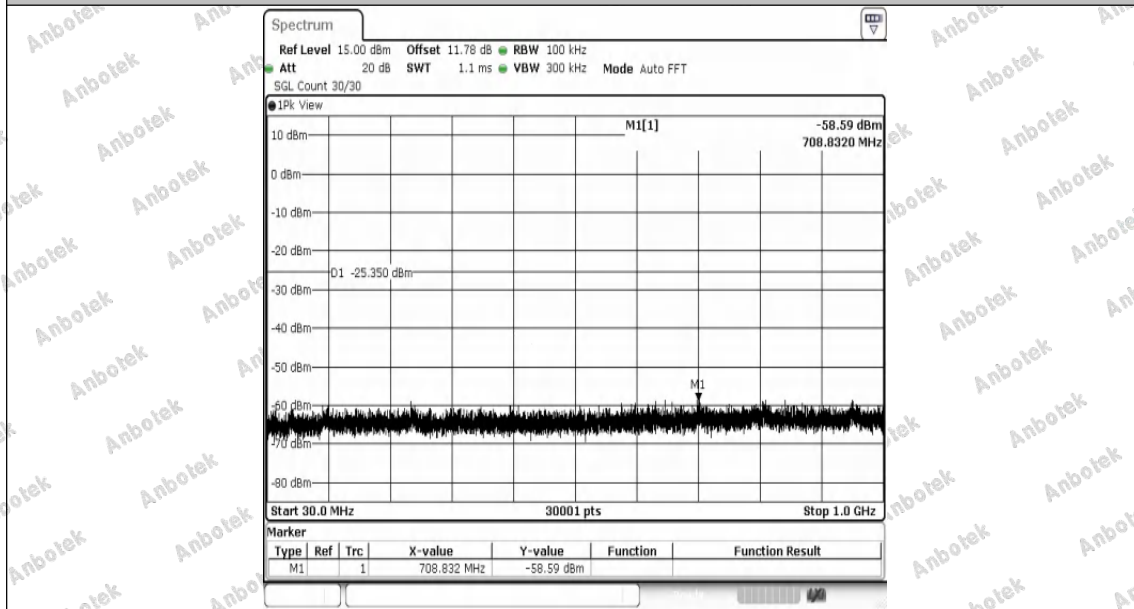


2DH5-Ant1-2402-1000~26500-PASS



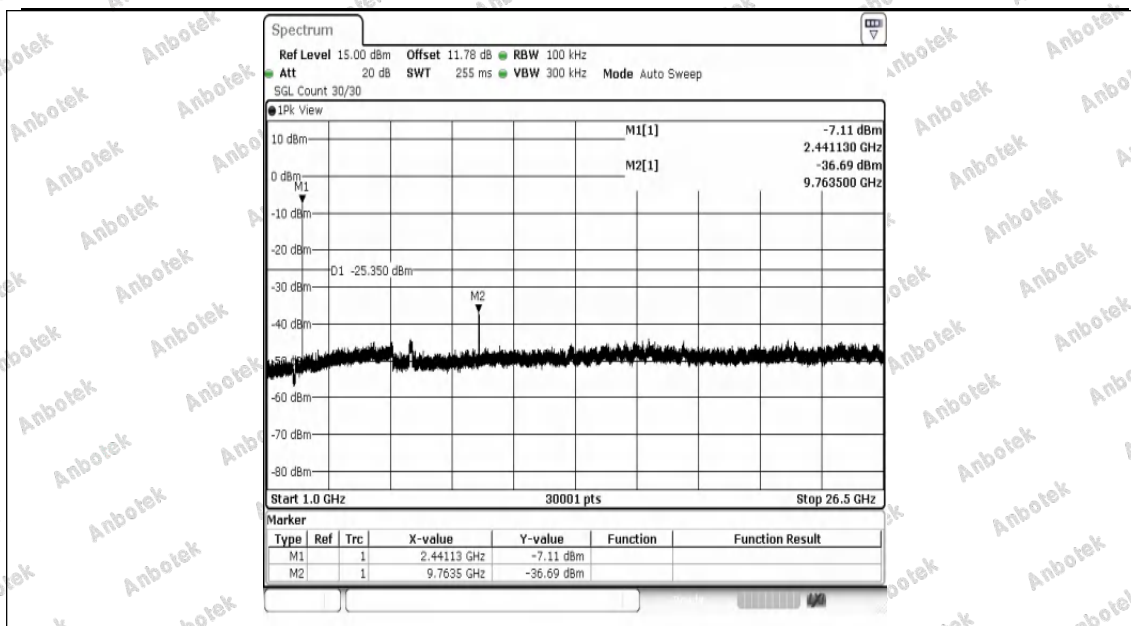


2DH5-Ant1-2441-0~Reference-PASS

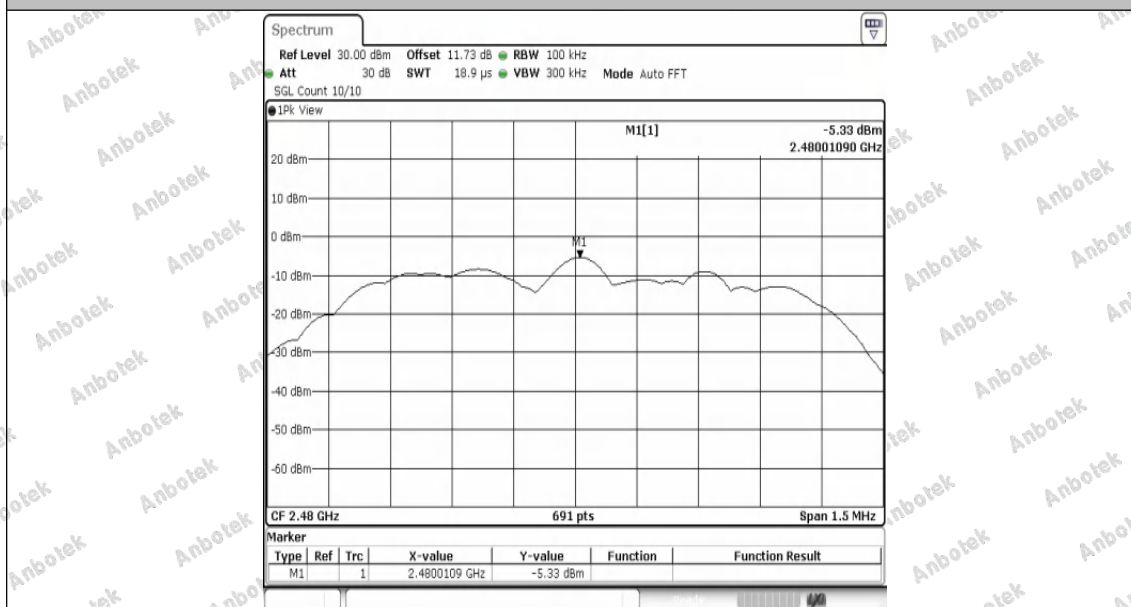


2DH5-Ant1-2441-30~1000-PASS



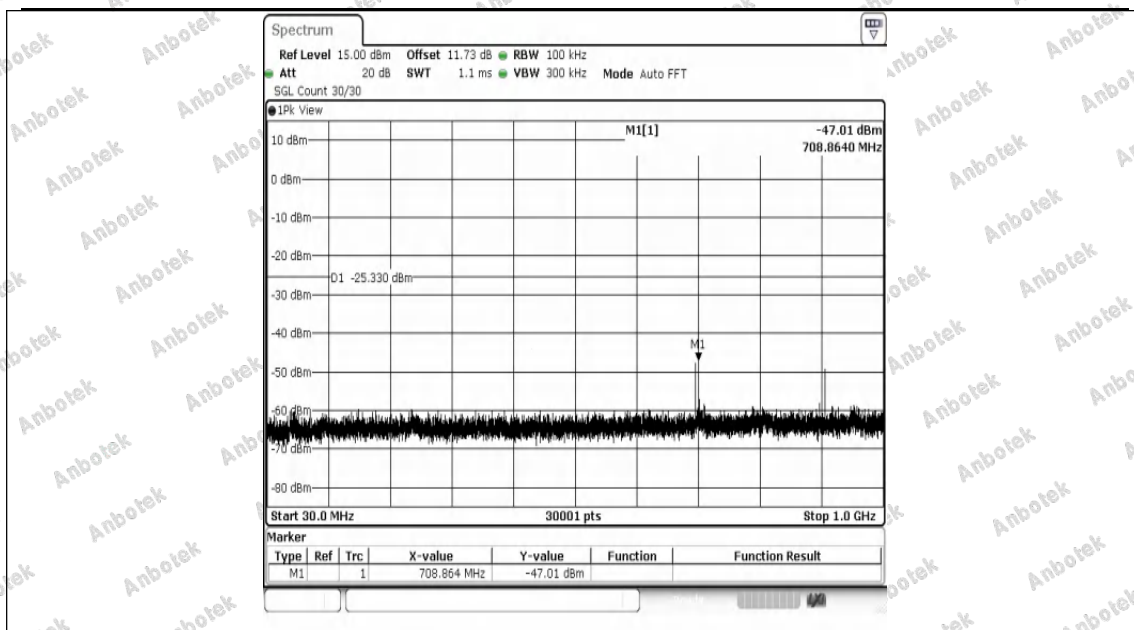


2DH5-Ant1-2441-1000~26500-PASS

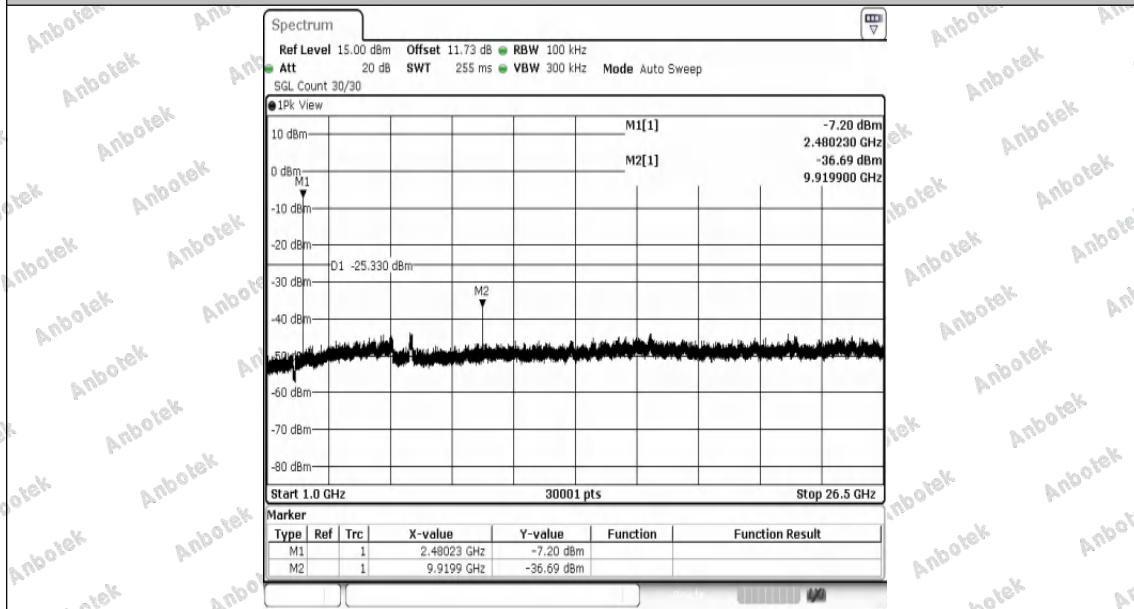


2DH5-Ant1-2480-0~Reference-PASS





2DH5-Ant1-2480-30~1000-PASS



2DH5-Ant1-2480-1000~26500-PASS



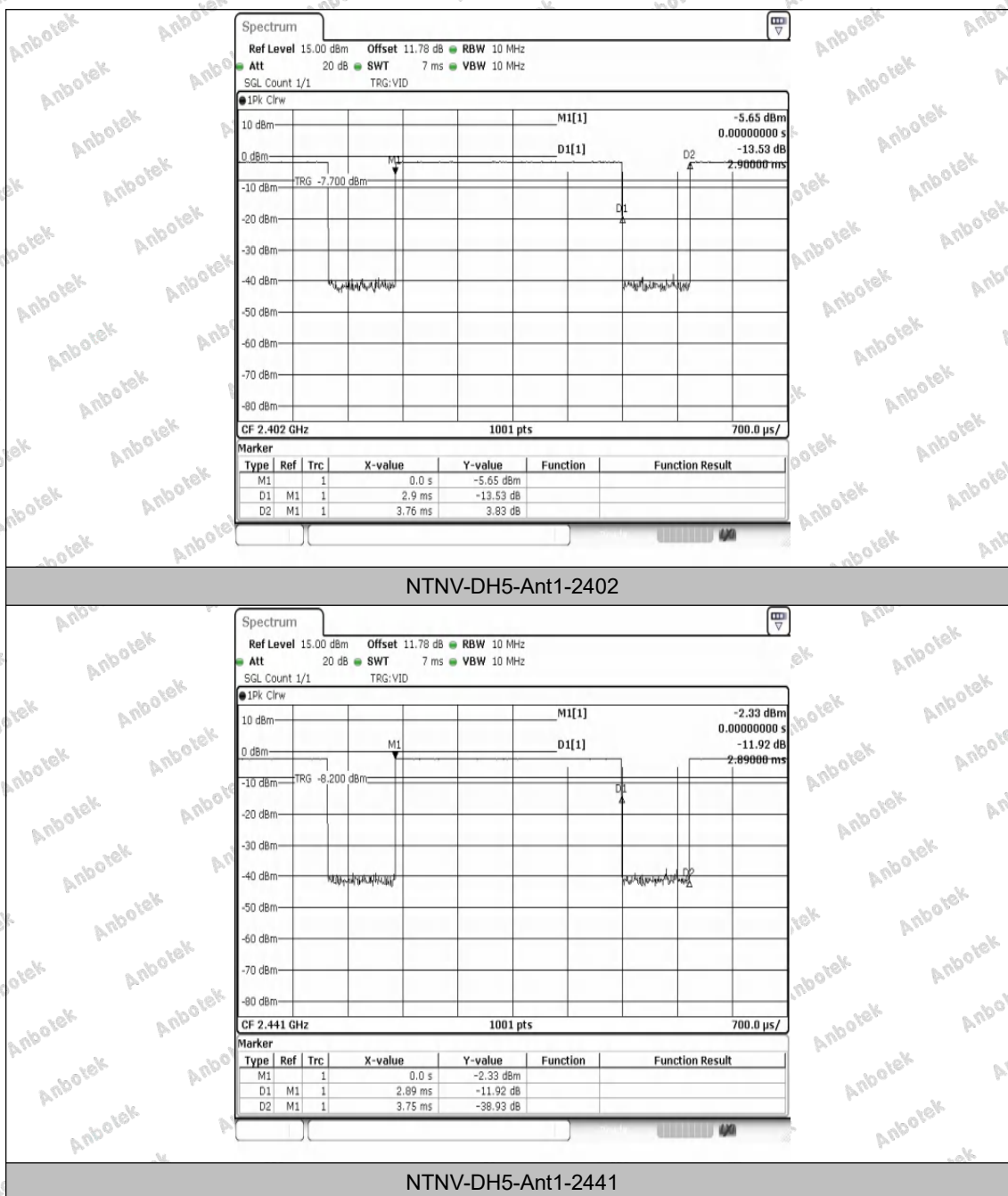
Appendix I: Duty Cycle

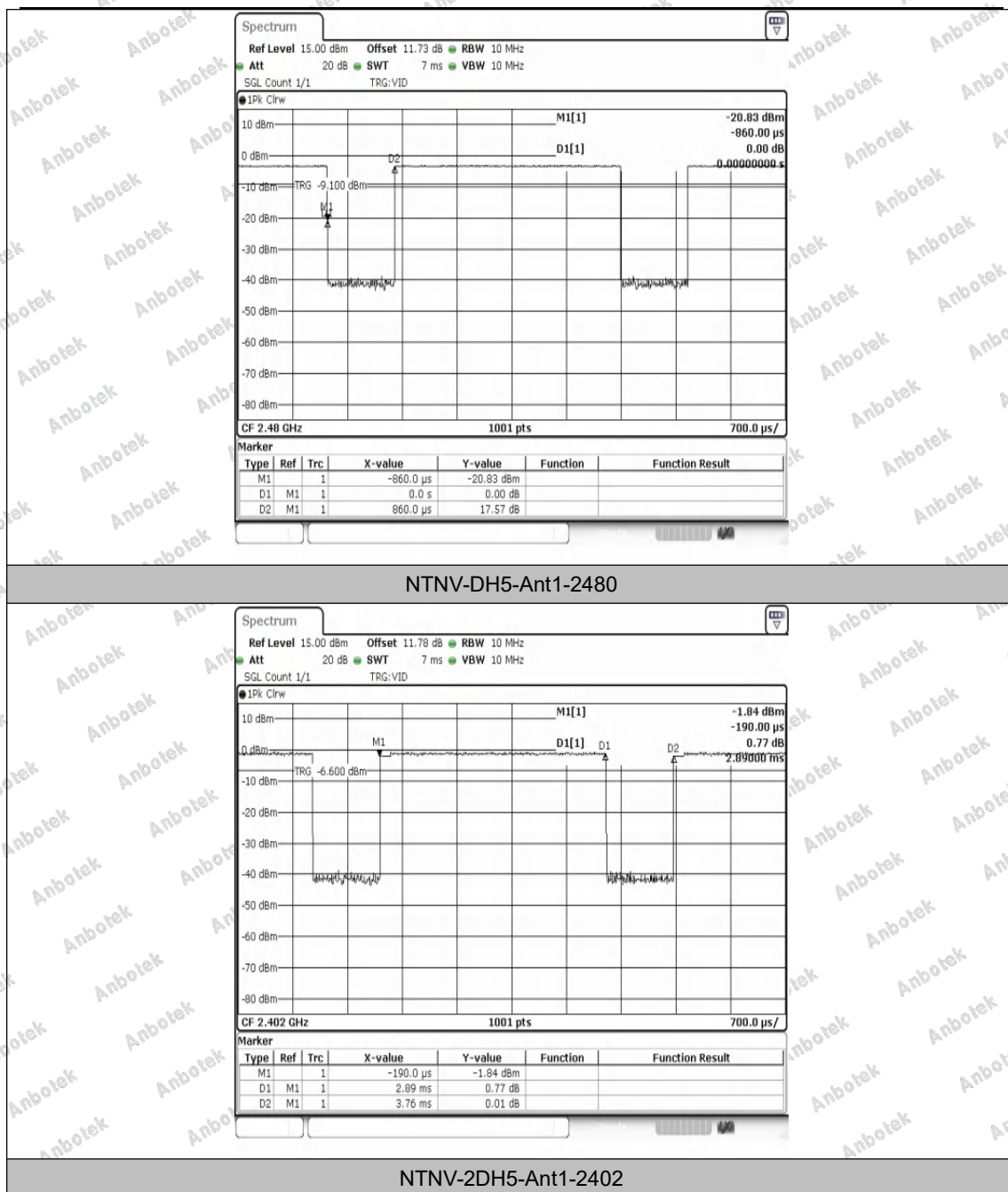
Test Result

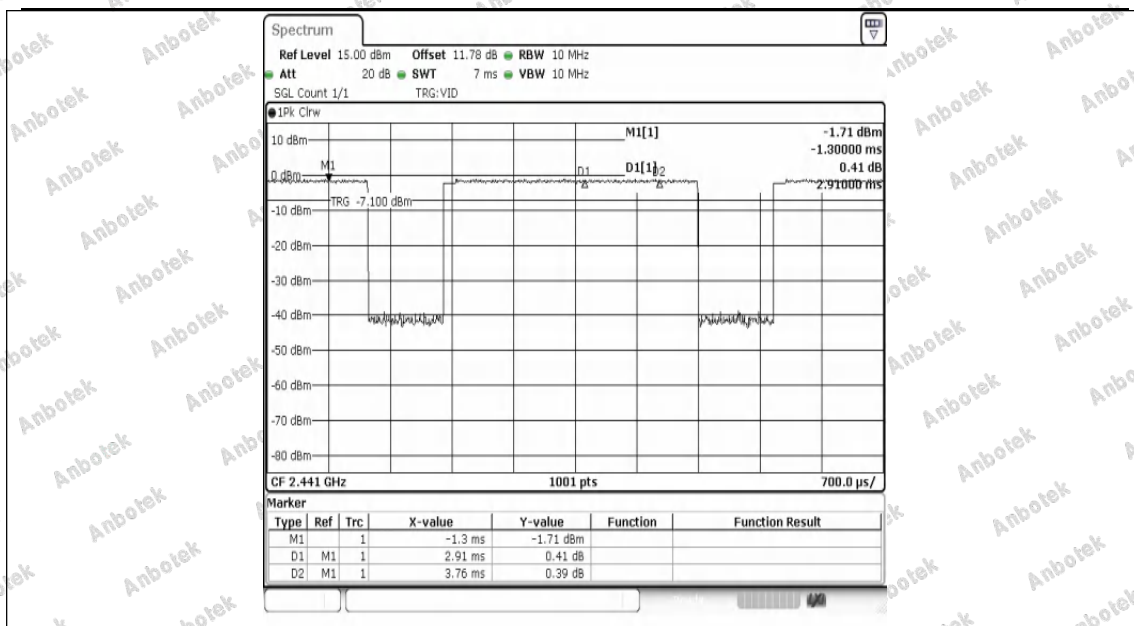
TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.90	3.76	77.13	1.13
DH5	Ant1	2441	2.89	3.75	77.07	1.13
DH5	Ant1	2480	0.00	0.86	100	∞
2DH5	Ant1	2402	2.89	3.76	76.86	1.14
2DH5	Ant1	2441	2.91	3.76	77.39	1.11
2DH5	Ant1	2480	2.90	3.76	77.13	1.13



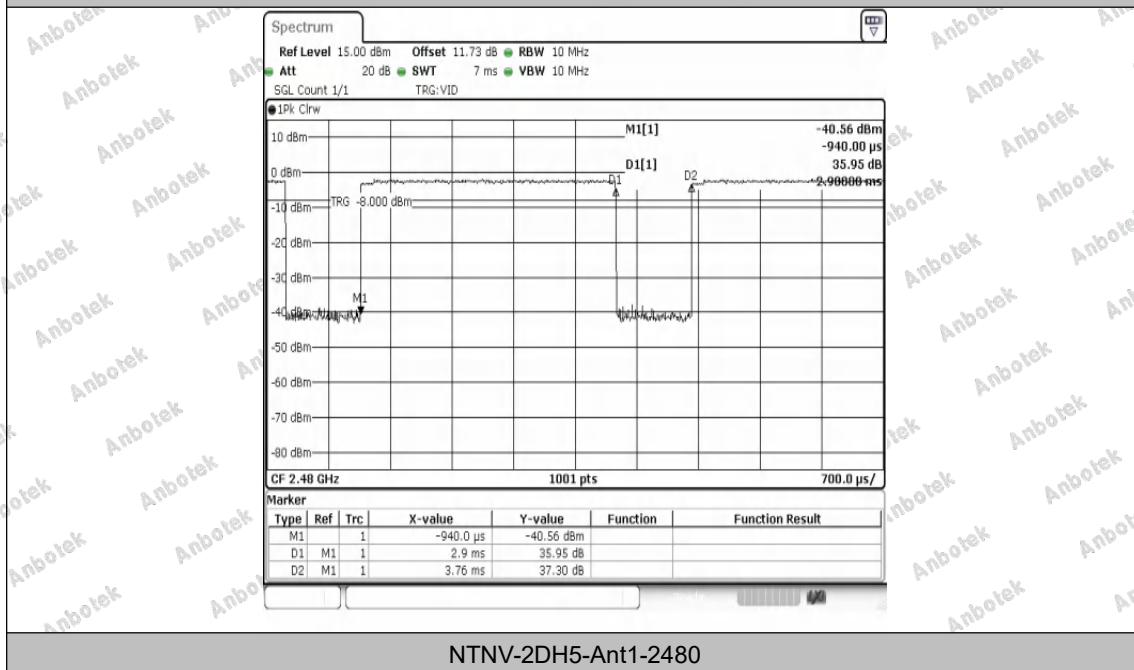
Test Graphs







NTNV-2DH5-Ant1-2441



NTNV-2DH5-Ant1-2480

---END---

