

Appendix Test Data

Report No:	182512C400313101	Test Sample NO:	1-2-2
Start Test Date:	2024.7.5	Finish Test Date:	2024.8.5
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	25.5℃	Relative Humidity:	47%
Pressure:	101 kPa		

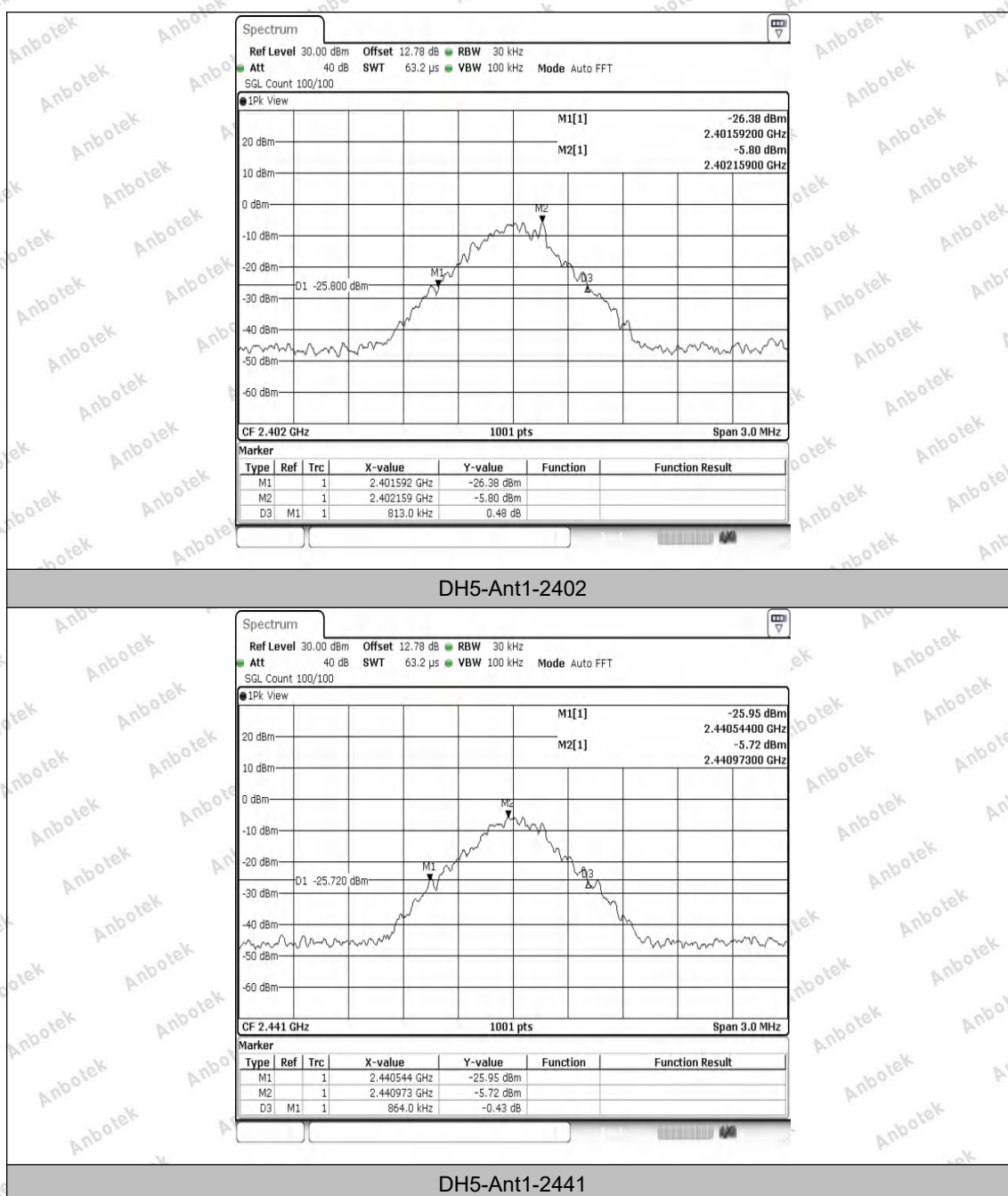
Appendix A: 20dB Emission Bandwidth

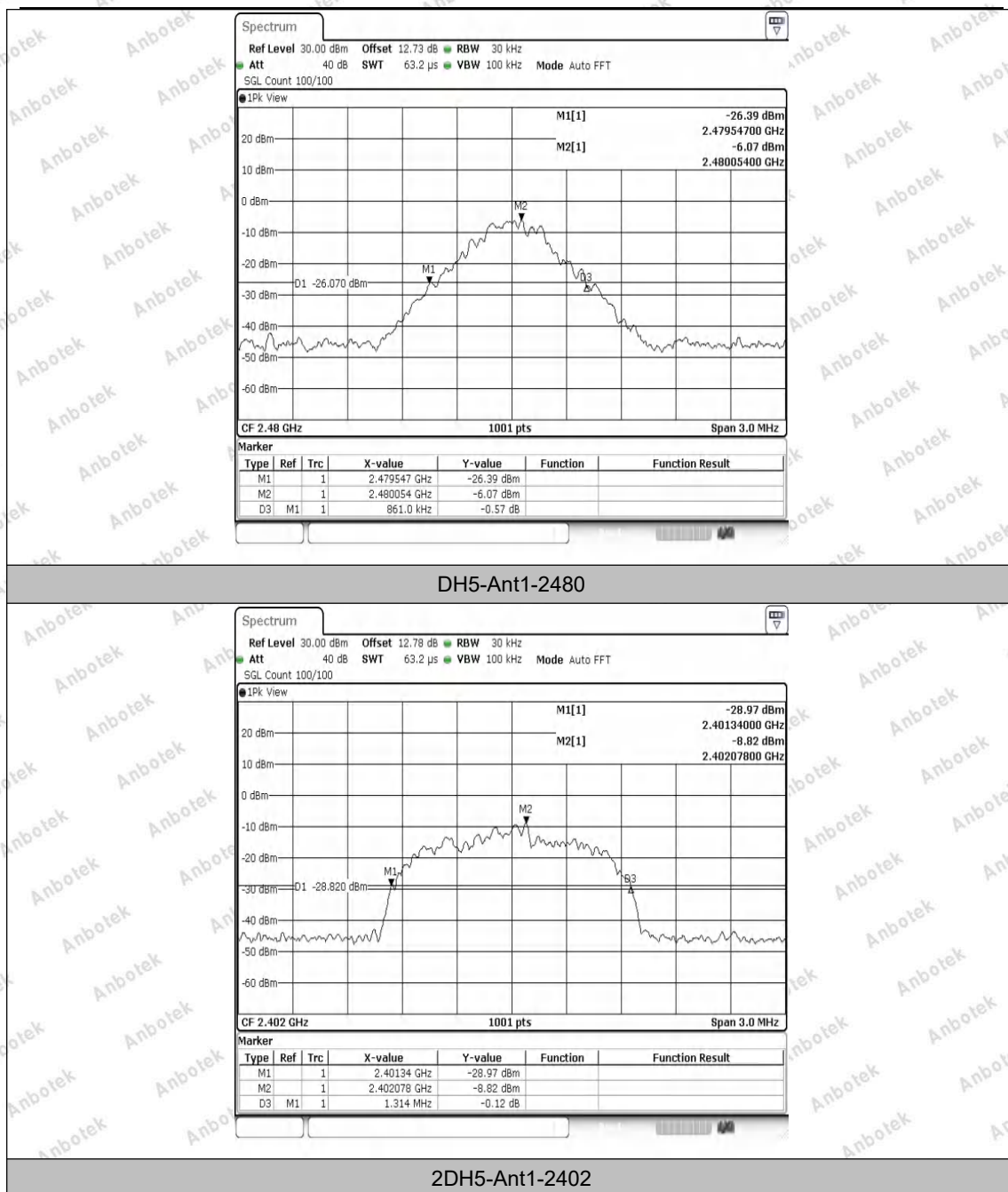
Test Result

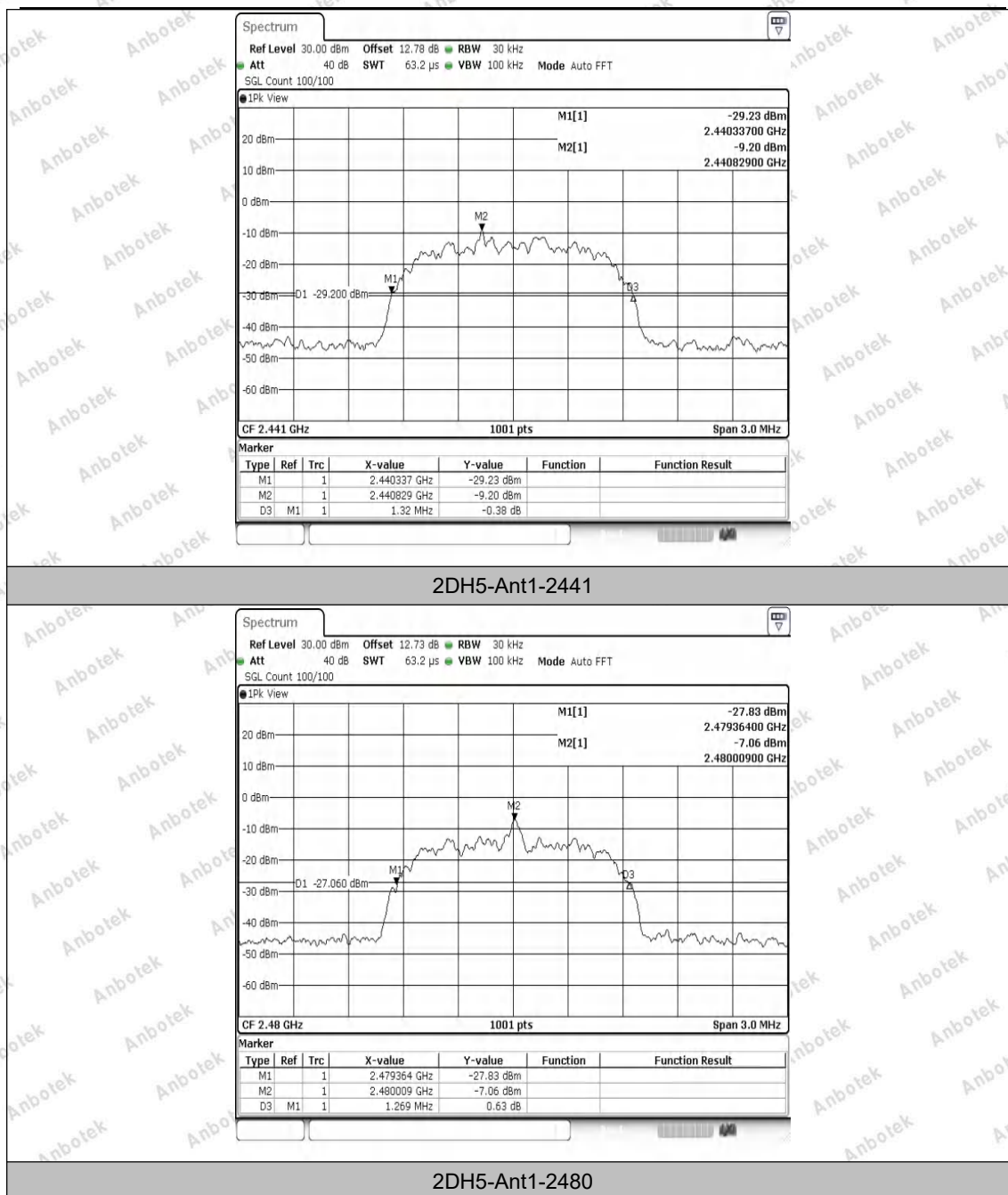
TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.81	2401.59	2402.41	---	---
DH5	Ant1	2441	0.86	2440.54	2441.41	---	---
DH5	Ant1	2480	0.86	2479.55	2480.41	---	---
2DH5	Ant1	2402	1.31	2401.34	2402.65	---	---
2DH5	Ant1	2441	1.32	2440.34	2441.66	---	---
2DH5	Ant1	2480	1.27	2479.36	2480.63	---	---
3DH5	Ant1	2402	1.25	2401.36	2402.61	---	---
3DH5	Ant1	2441	1.25	2440.36	2441.61	---	---
3DH5	Ant1	2480	1.28	2479.35	2480.63	---	---

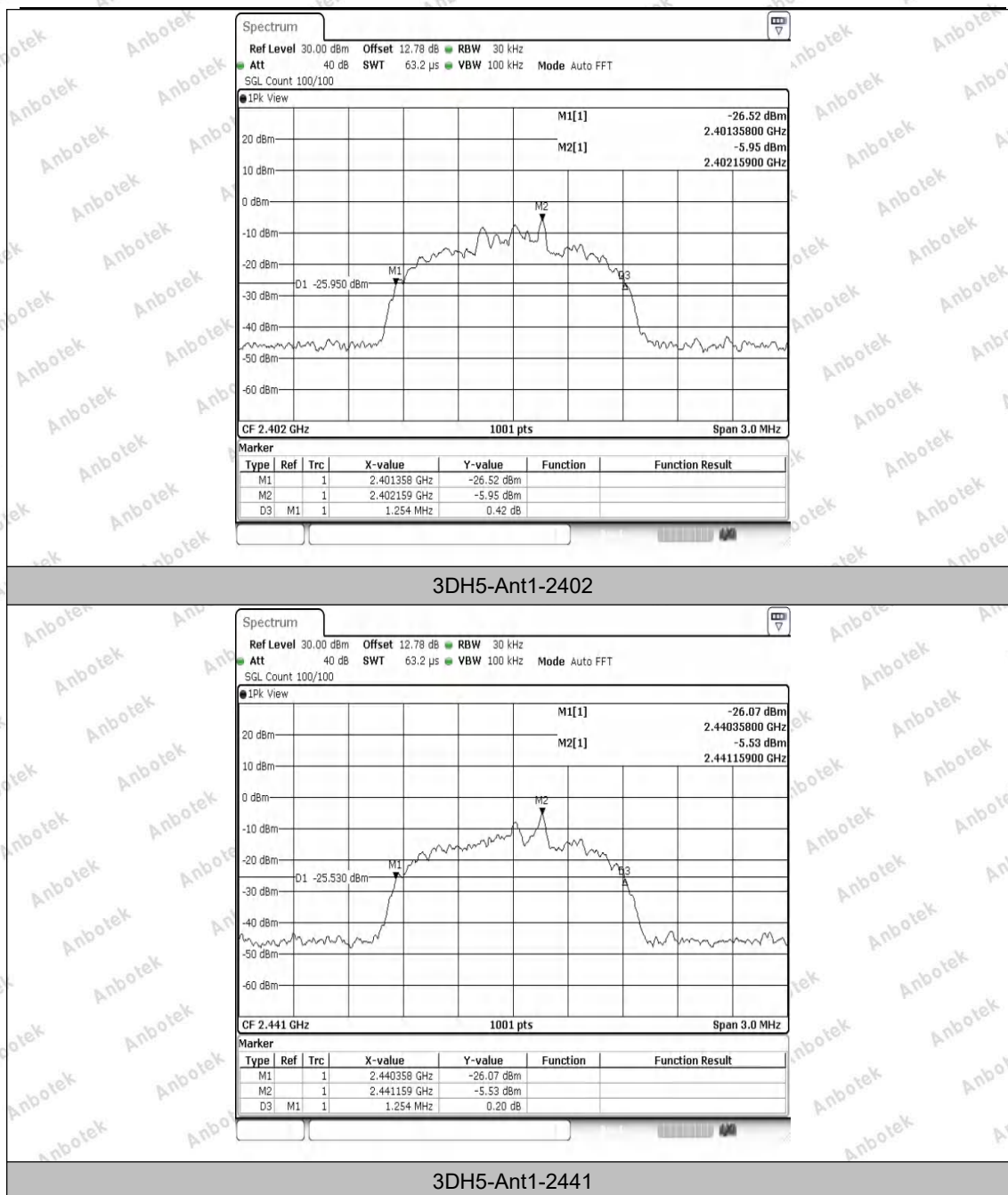


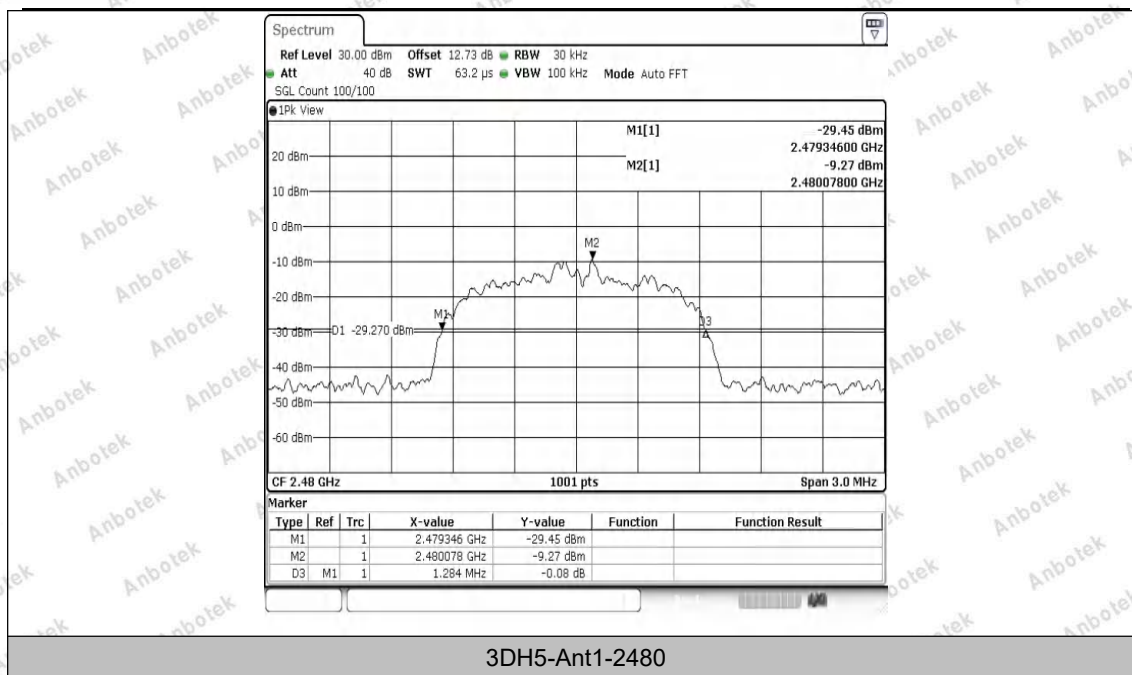
Test Graphs











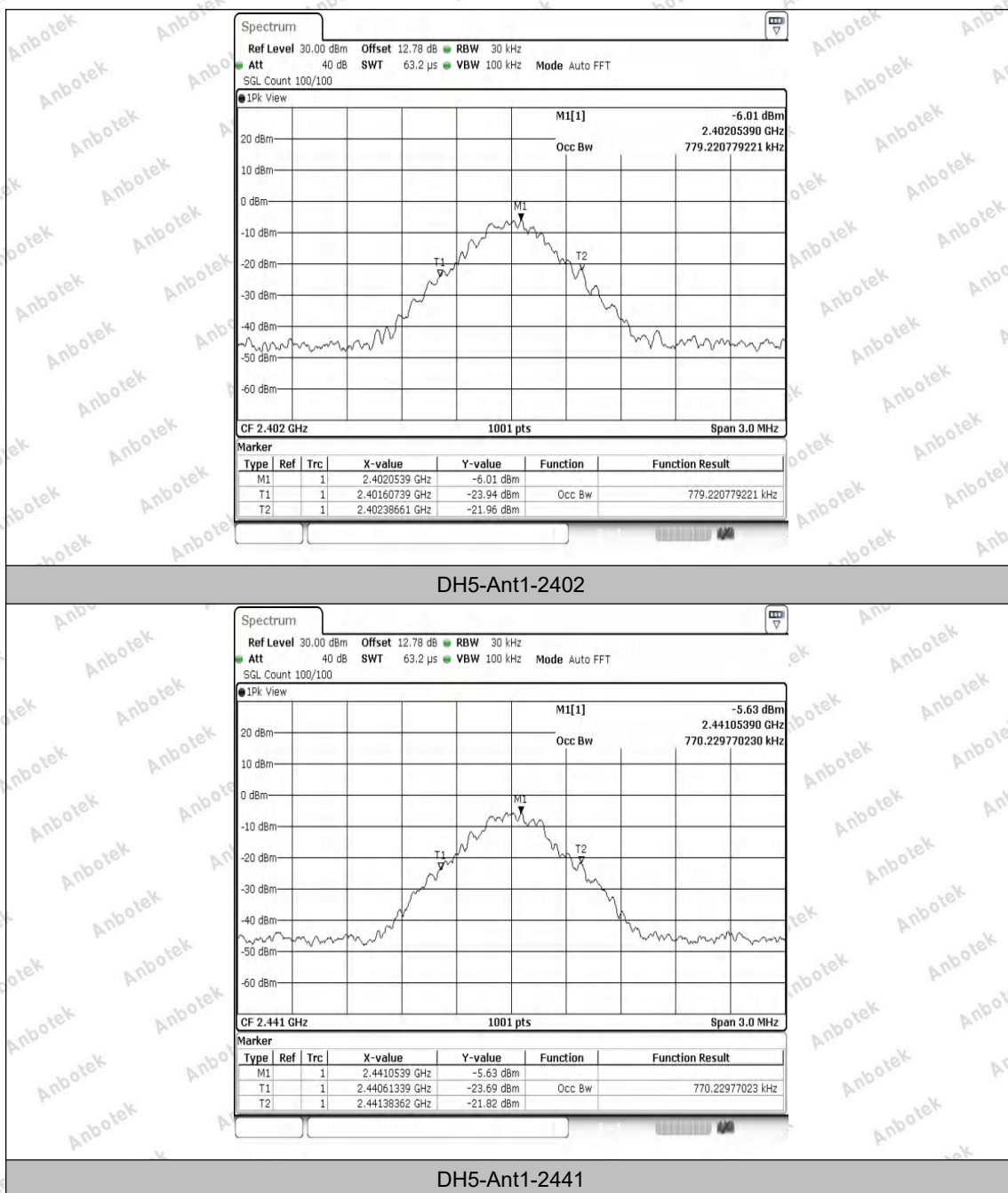
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.779	2401.6074	2402.3866	---	---
DH5	Ant1	2441	0.77	2440.6134	2441.3836	---	---
DH5	Ant1	2480	0.773	2479.6074	2480.3806	---	---
2DH5	Ant1	2402	1.166	2401.4126	2402.5784	---	---
2DH5	Ant1	2441	1.187	2440.4006	2441.5874	---	---
2DH5	Ant1	2480	1.19	2479.4006	2480.5904	---	---
3DH5	Ant1	2402	1.175	2401.4126	2402.5874	---	---
3DH5	Ant1	2441	1.181	2440.4066	2441.5874	---	---
3DH5	Ant1	2480	1.205	2479.3916	2480.5964	---	---



Test Graphs



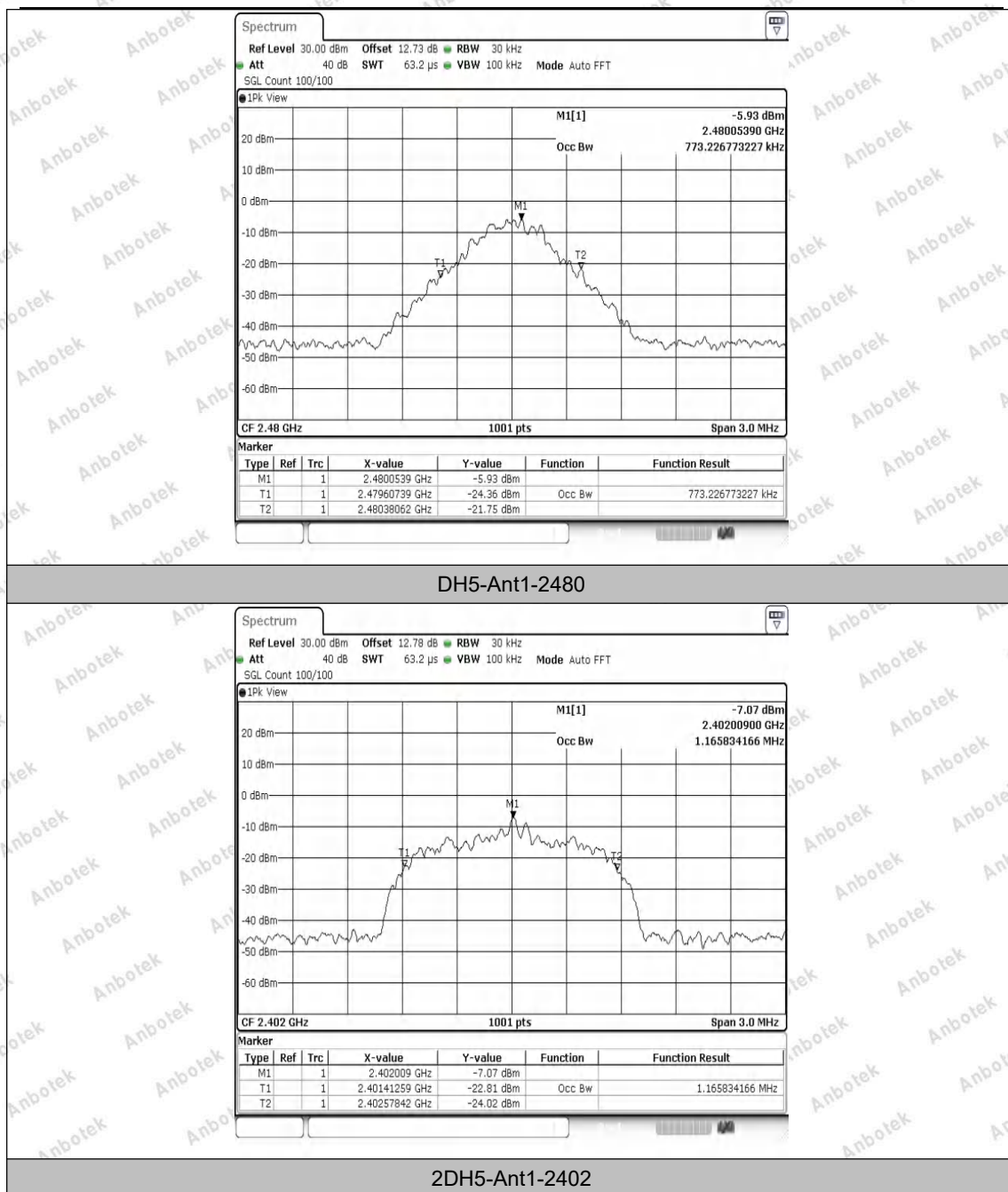
Shenzhen Anbotek Compliance Laboratory Limited

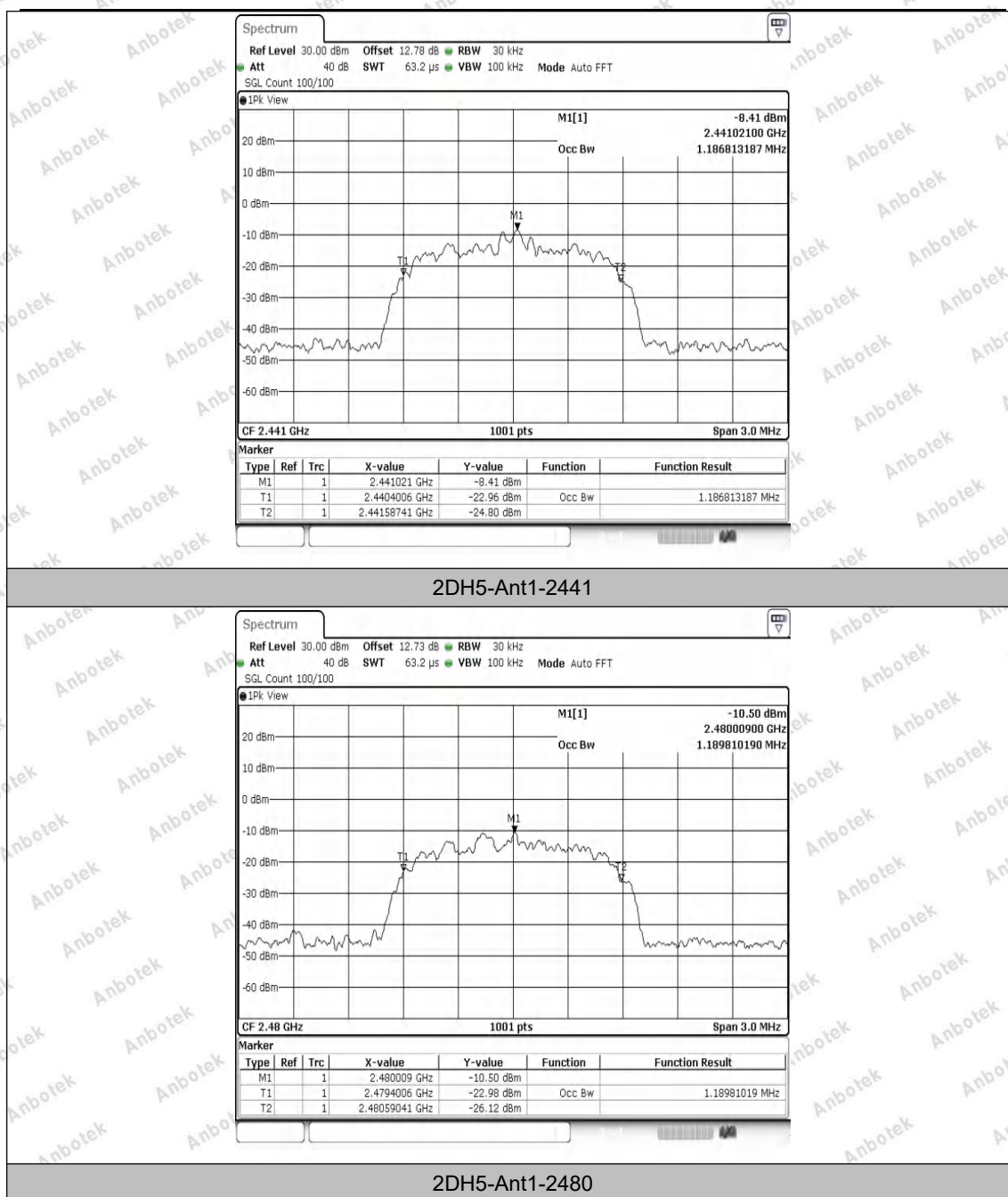
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hahgcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China,
Tel: (86) 0755-26066440 Email: service@anbotek.com

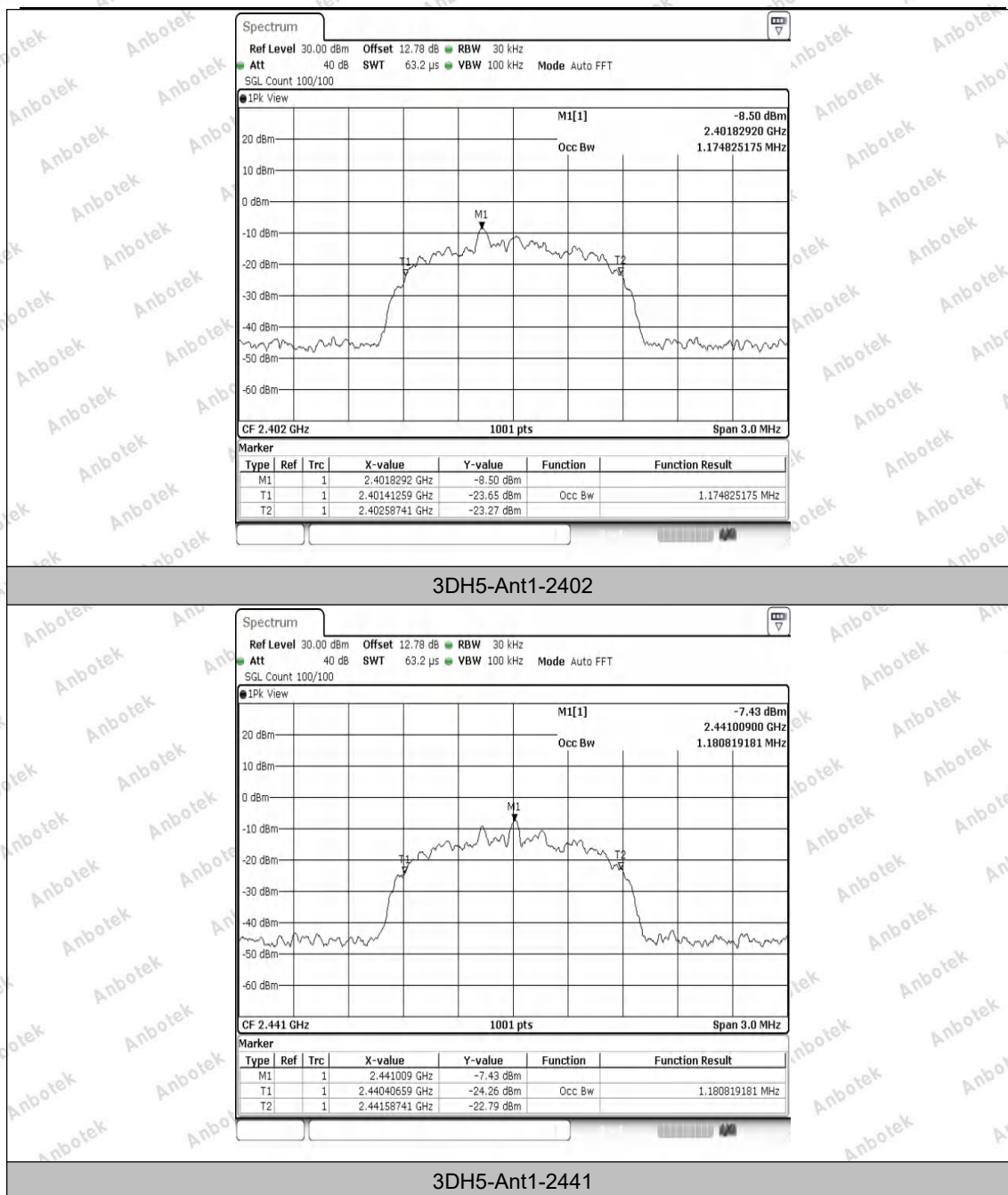


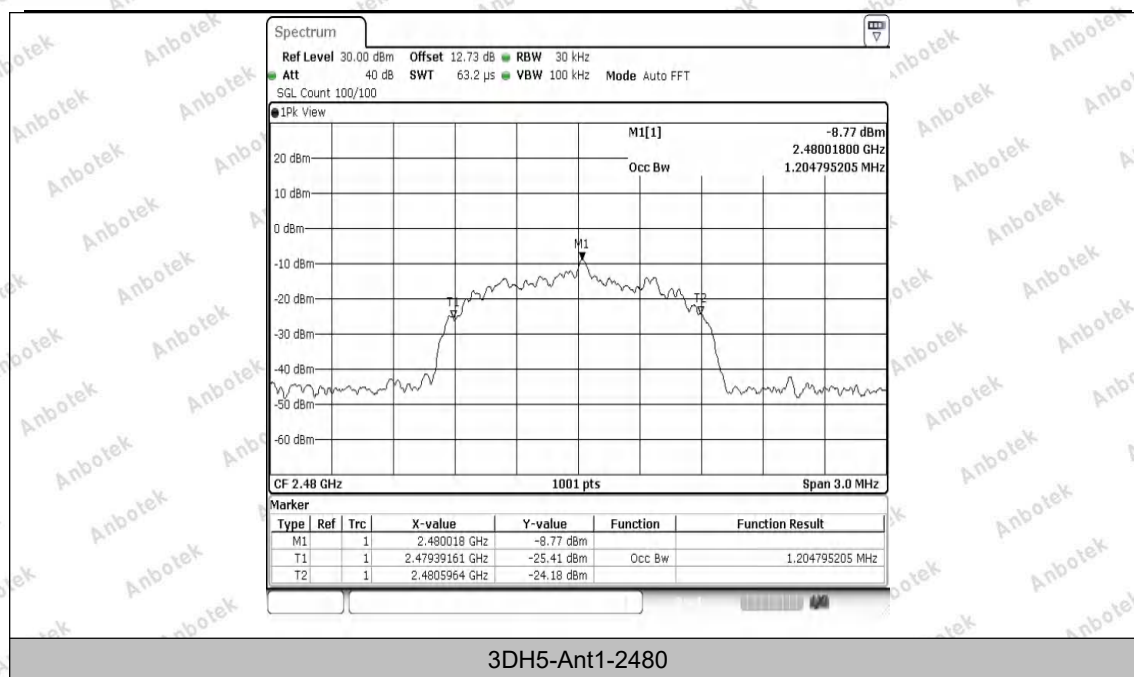
Hotline
400-003-0500
www.anbotek.com









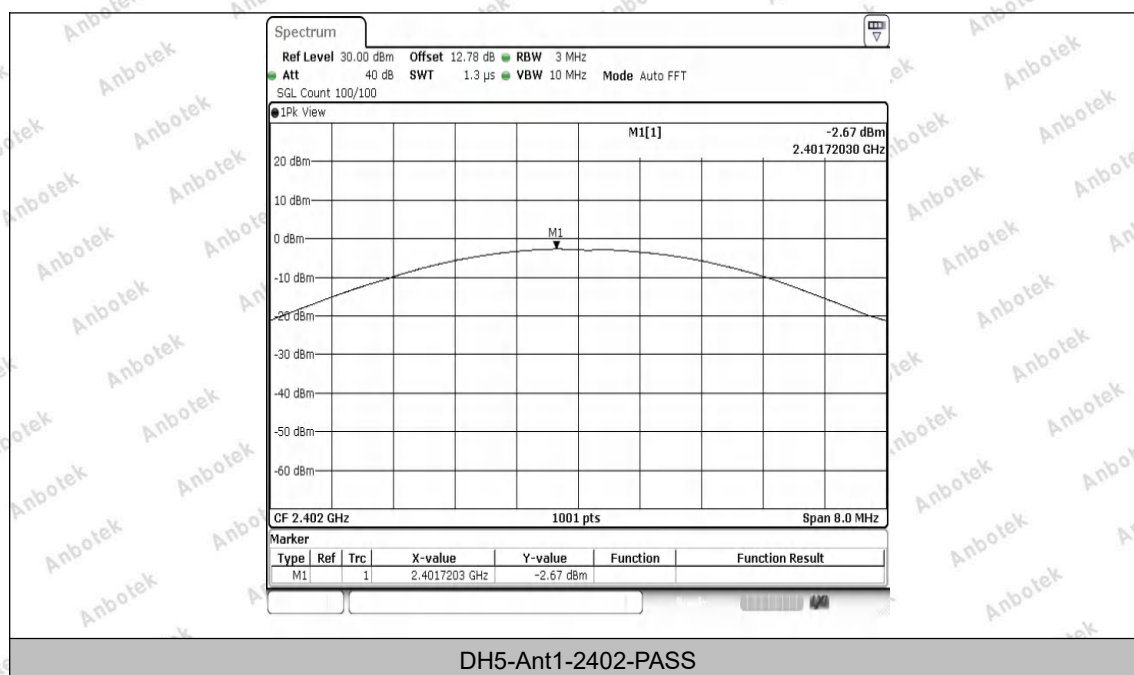


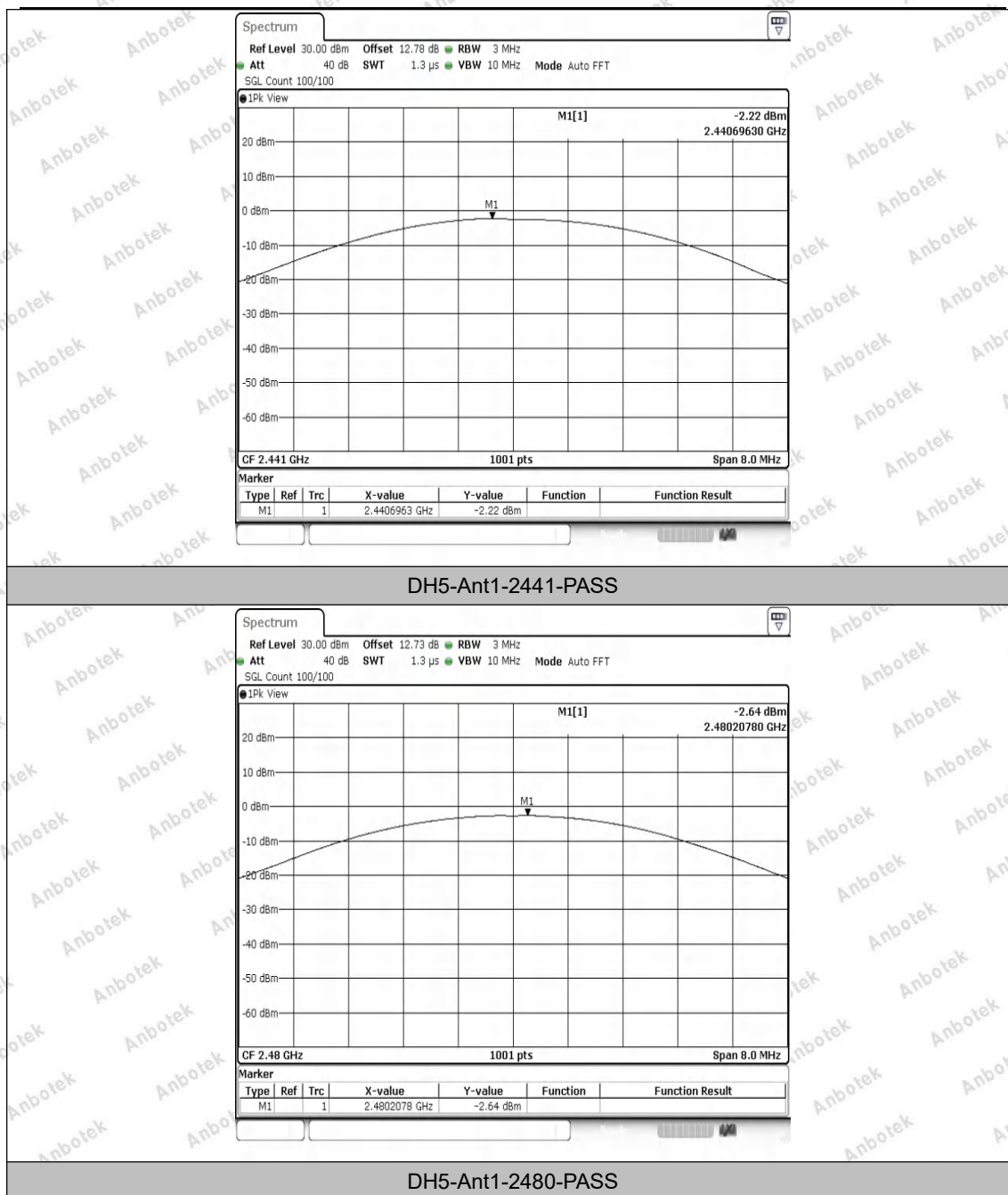
Appendix C: Maximum conducted output power

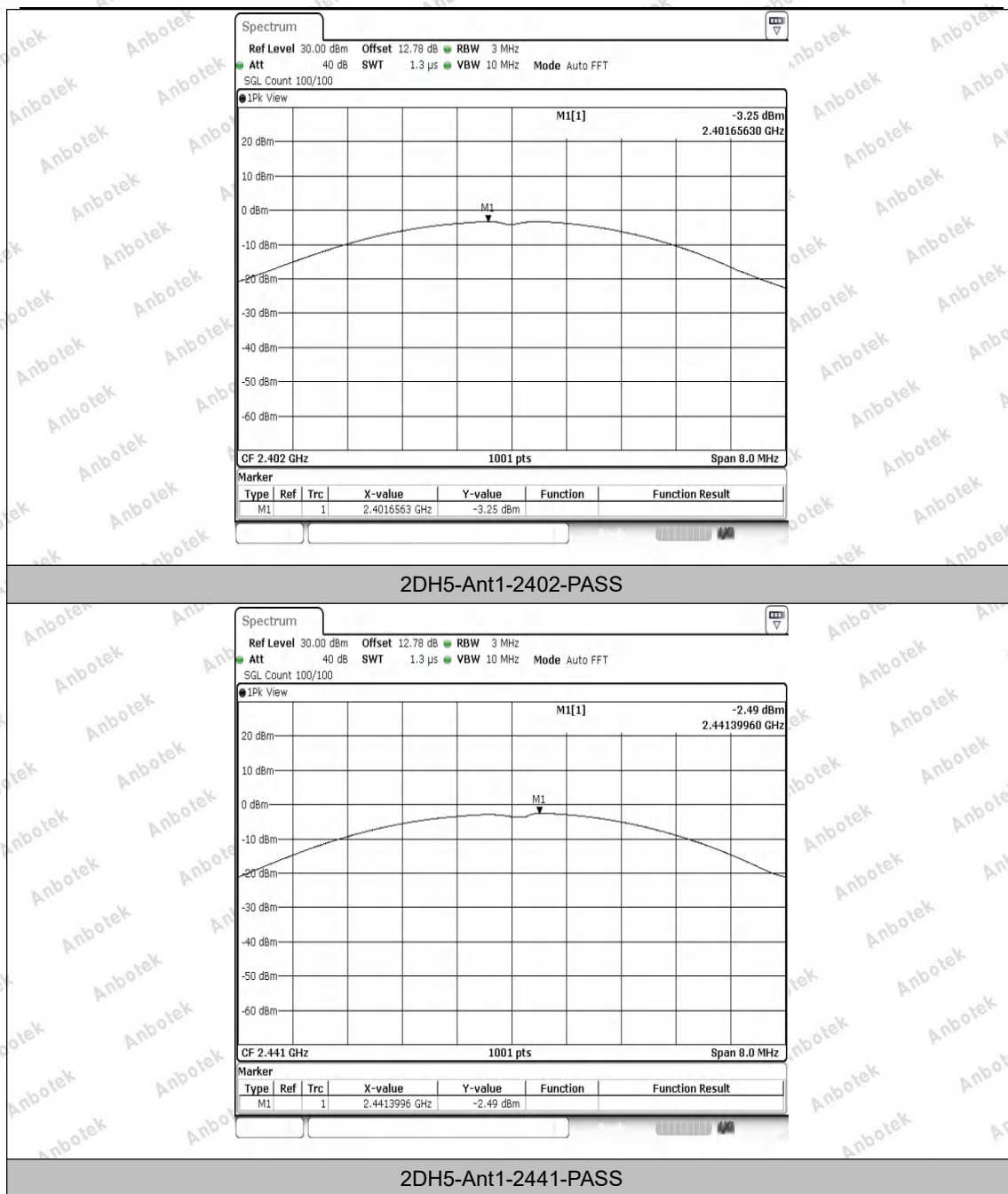
Test Result Peak

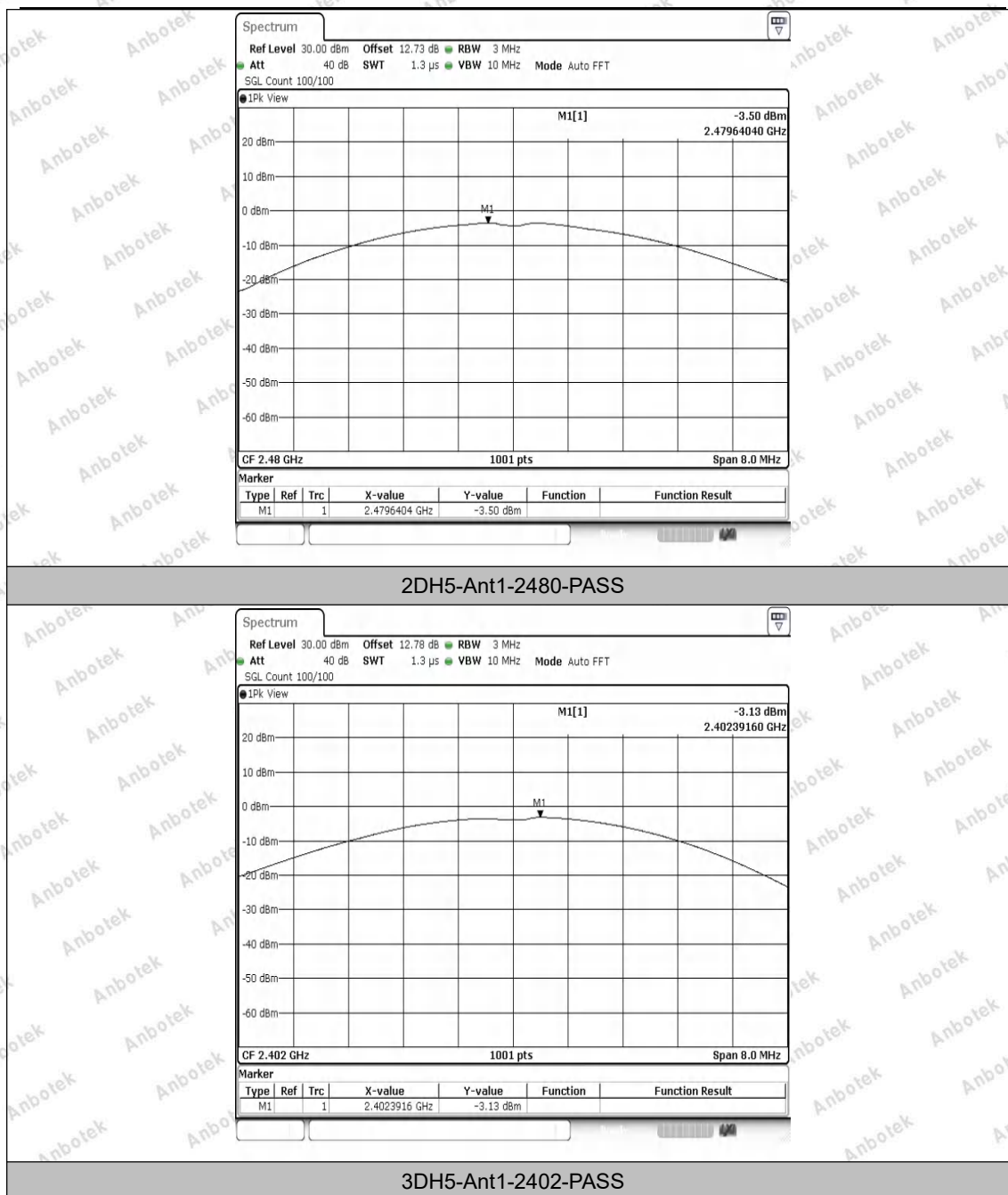
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-2.67	≤20.97	PASS
DH5	Ant1	2441	-2.22	≤20.97	PASS
DH5	Ant1	2480	-2.64	≤20.97	PASS
2DH5	Ant1	2402	-3.25	≤20.97	PASS
2DH5	Ant1	2441	-2.49	≤20.97	PASS
2DH5	Ant1	2480	-3.50	≤20.97	PASS
3DH5	Ant1	2402	-3.13	≤20.97	PASS
3DH5	Ant1	2441	-2.81	≤20.97	PASS
3DH5	Ant1	2480	-3.35	≤20.97	PASS

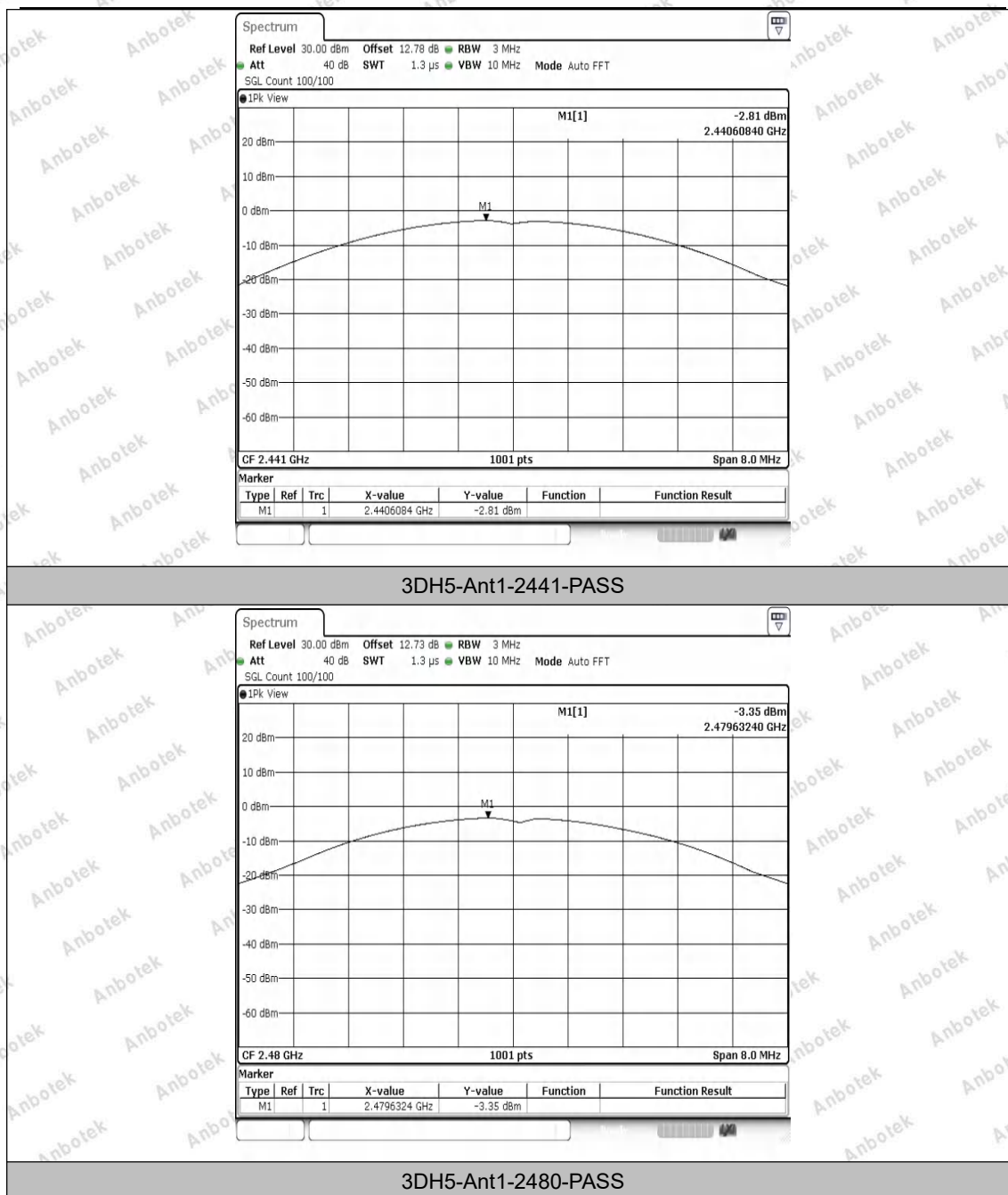
Test Graphs











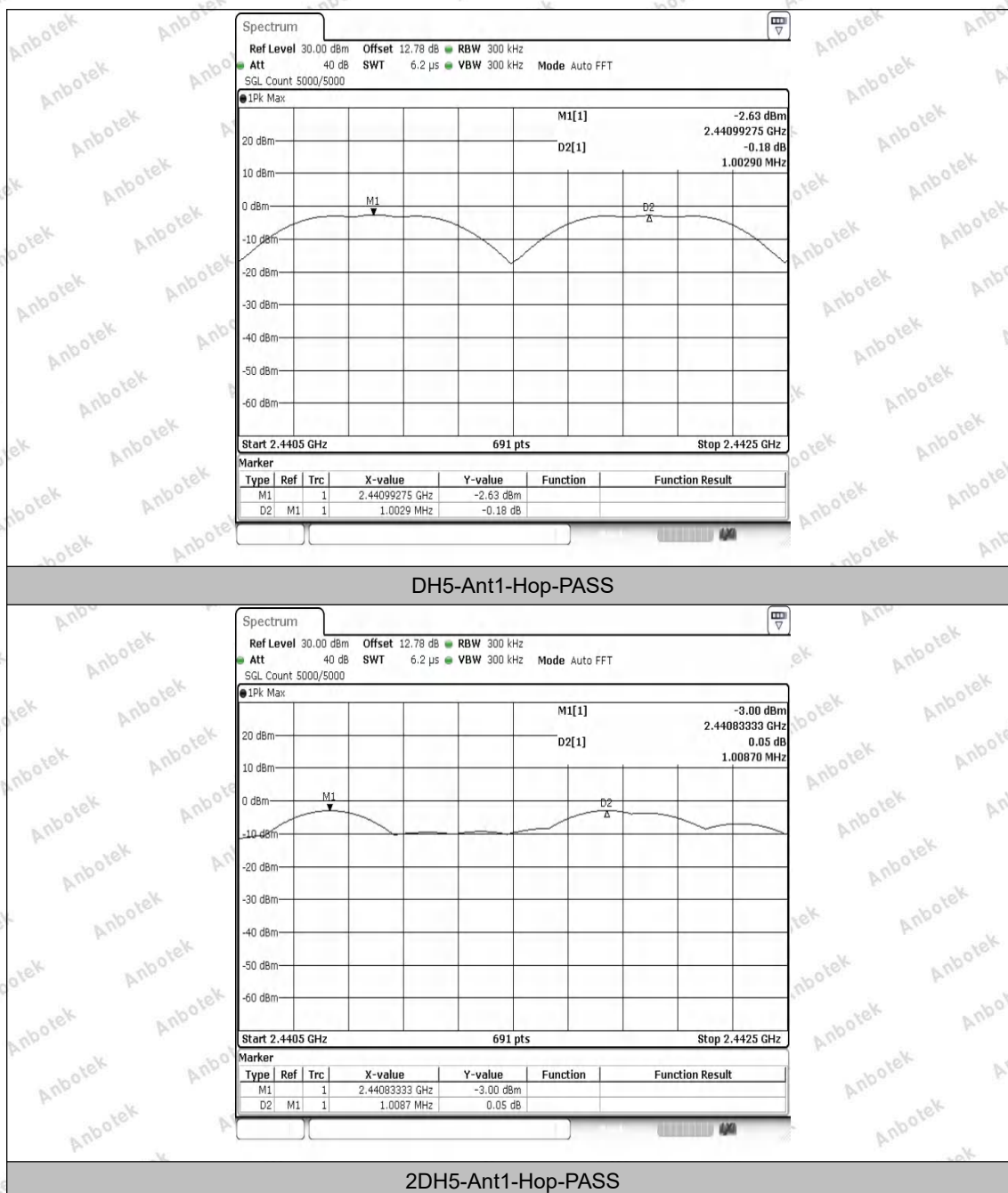
Appendix D: Carrier frequency separation

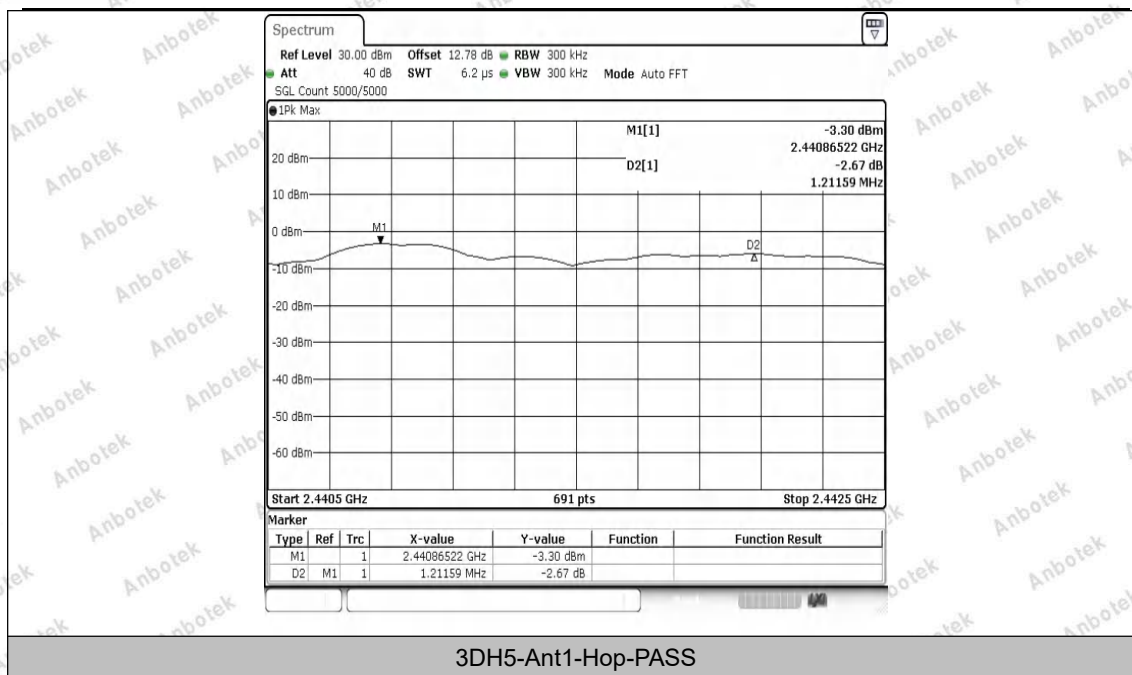
Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.003	≥ 0.573	PASS
2DH5	Ant1	Hop	1.009	≥ 0.880	PASS
3DH5	Ant1	Hop	1.212	≥ 0.853	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



Hotline
400-003-0500
www.anbotek.com



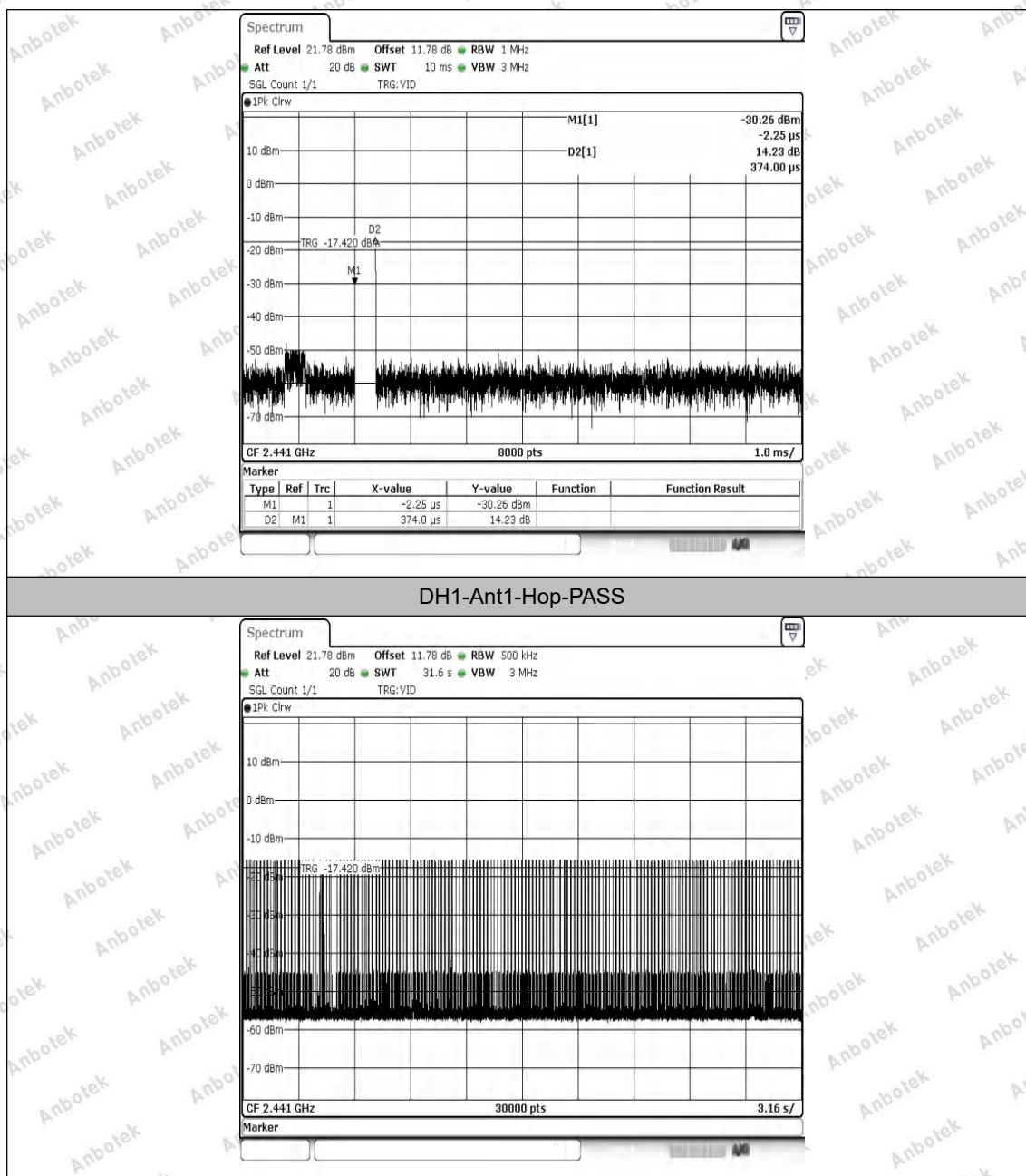
Appendix E: Time of occupancy

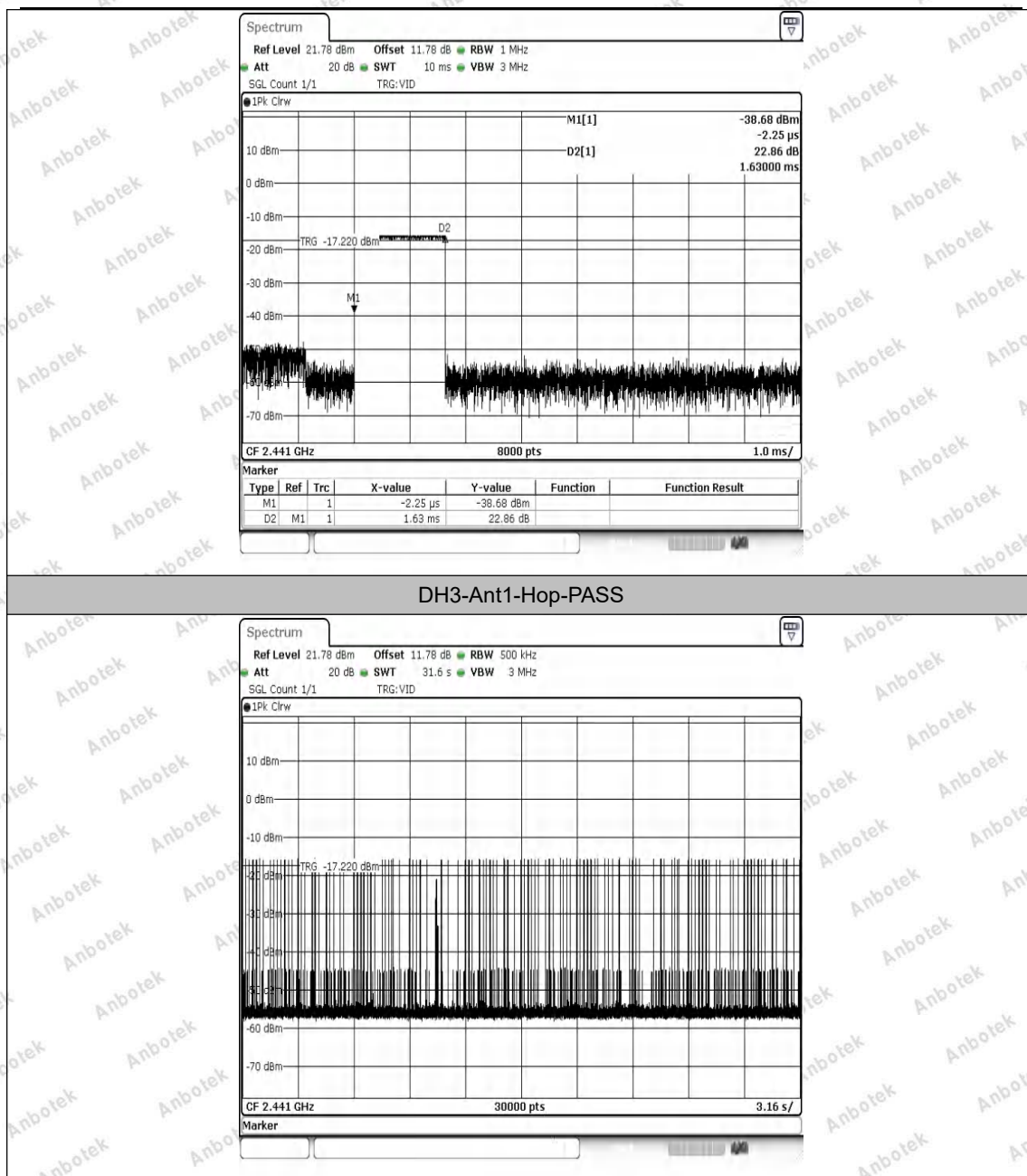
Test Result

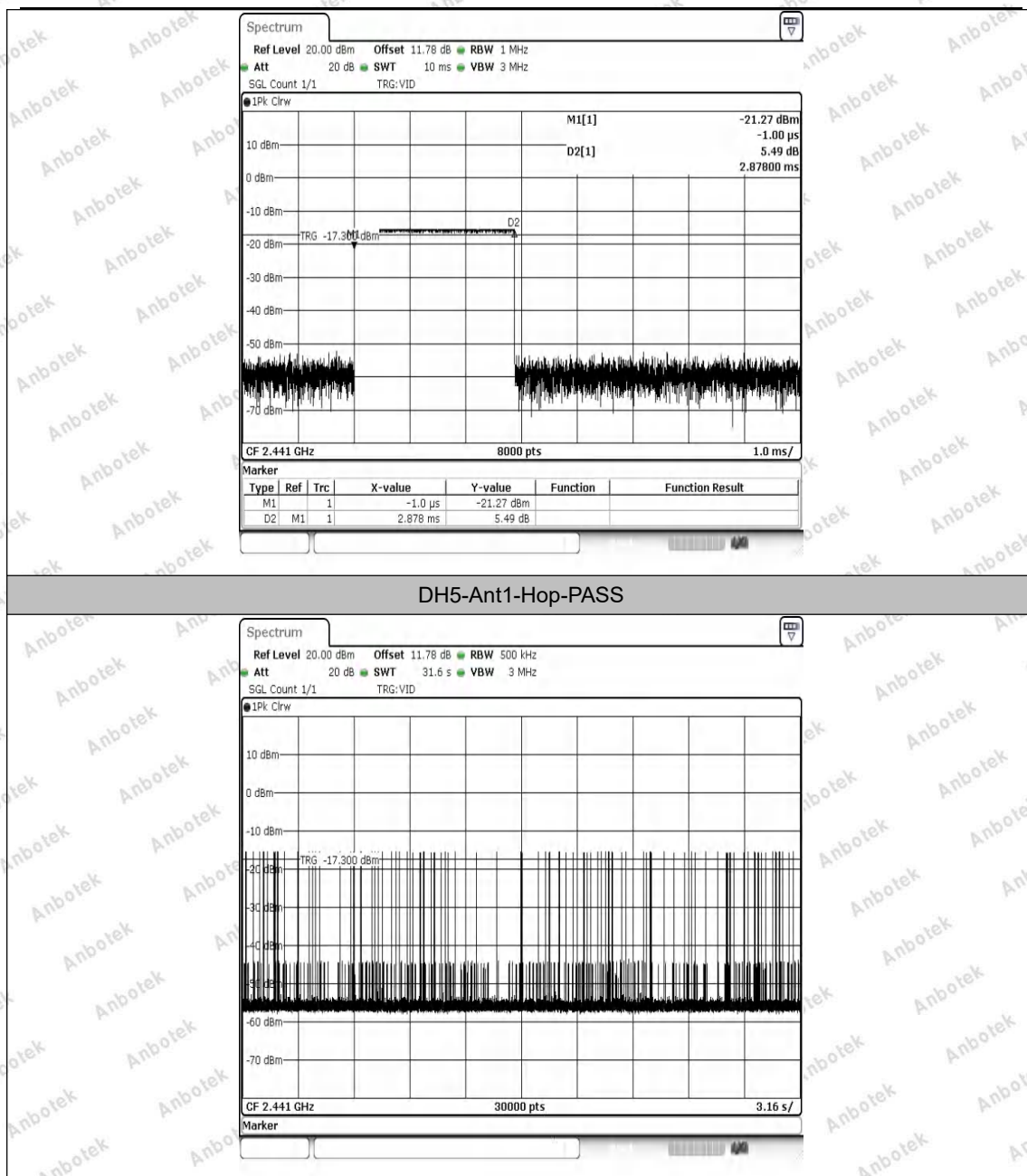
TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.374	308	0.115	≤0.4	PASS
DH3	Ant1	Hop	1.630	156	0.254	≤0.4	PASS
DH5	Ant1	Hop	2.878	103	0.296	≤0.4	PASS
2DH1	Ant1	Hop	0.383	314	0.12	≤0.4	PASS
2DH3	Ant1	Hop	1.634	152	0.248	≤0.4	PASS
2DH5	Ant1	Hop	2.883	108	0.311	≤0.4	PASS
3DH1	Ant1	Hop	0.383	306	0.117	≤0.4	PASS
3DH3	Ant1	Hop	1.633	158	0.258	≤0.4	PASS
3DH5	Ant1	Hop	2.884	101	0.291	≤0.4	PASS

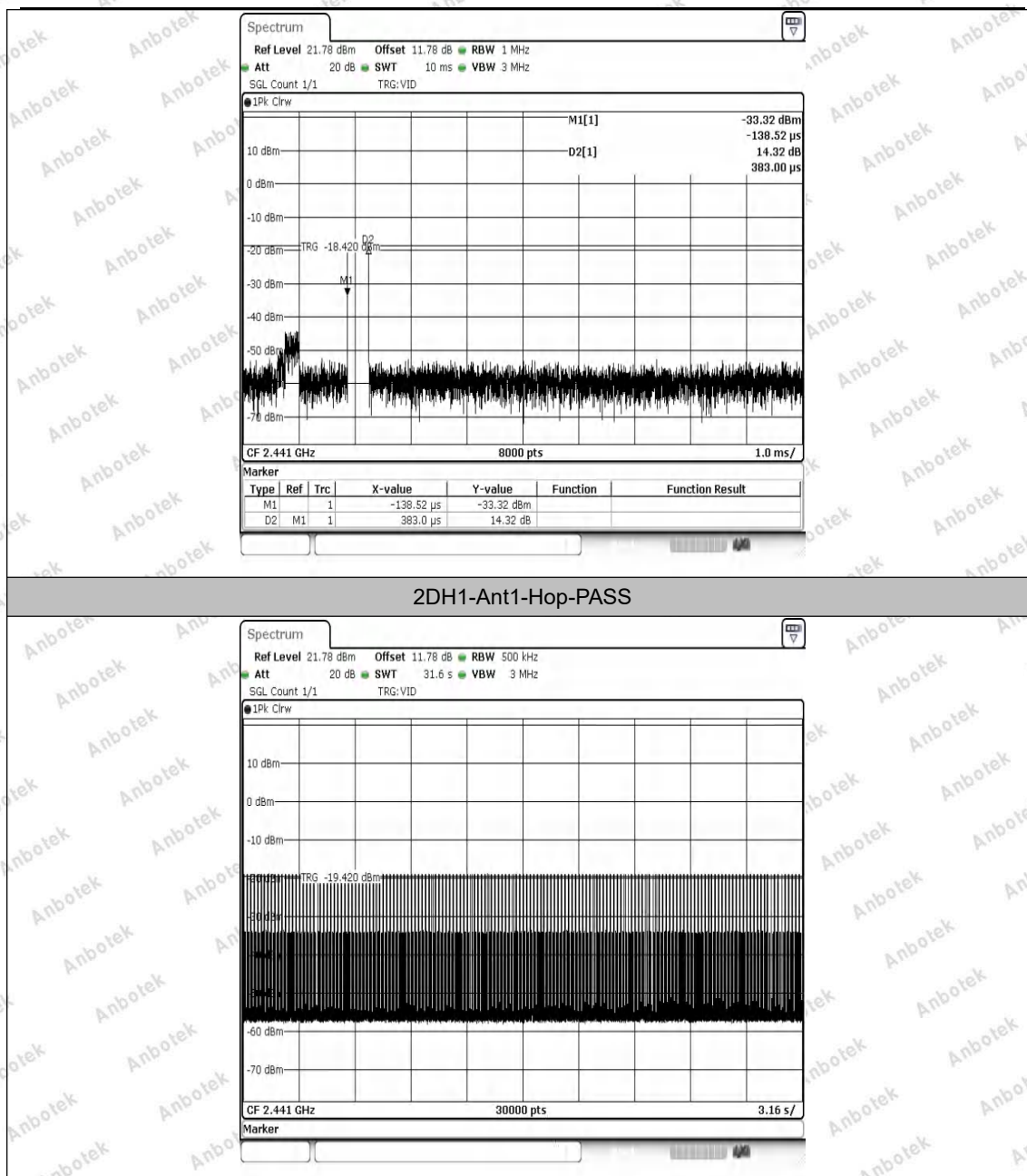


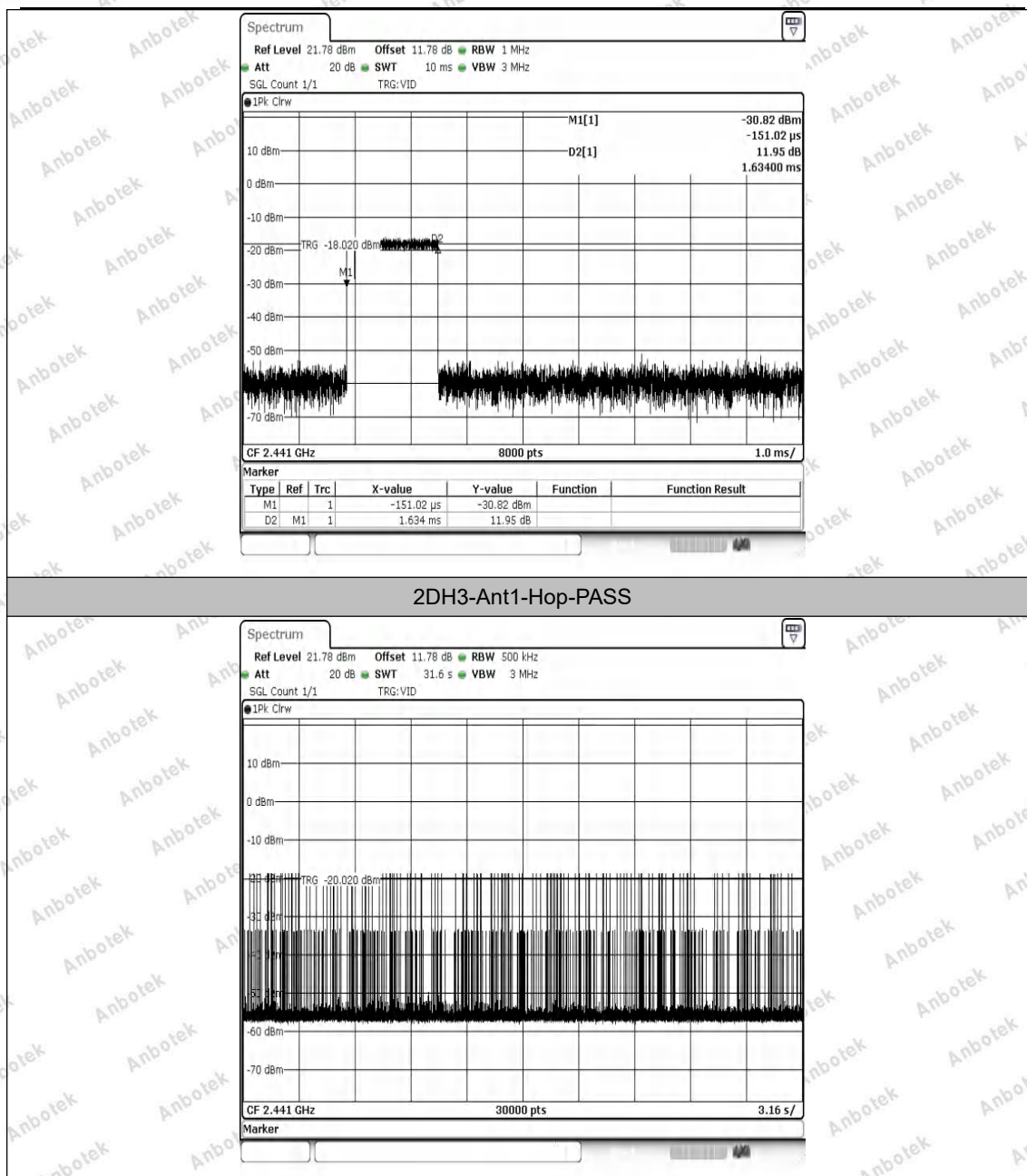
Test Graphs

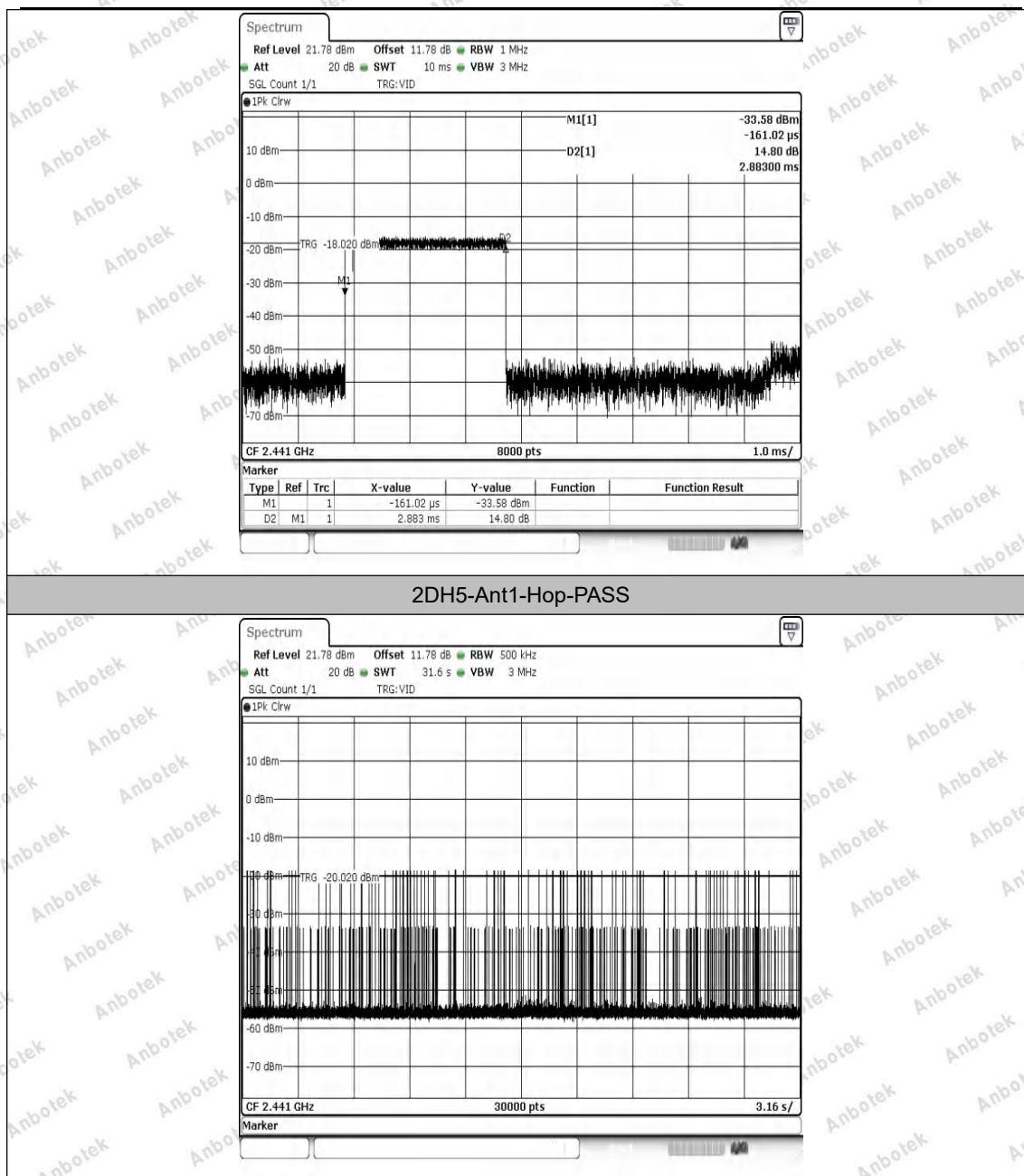


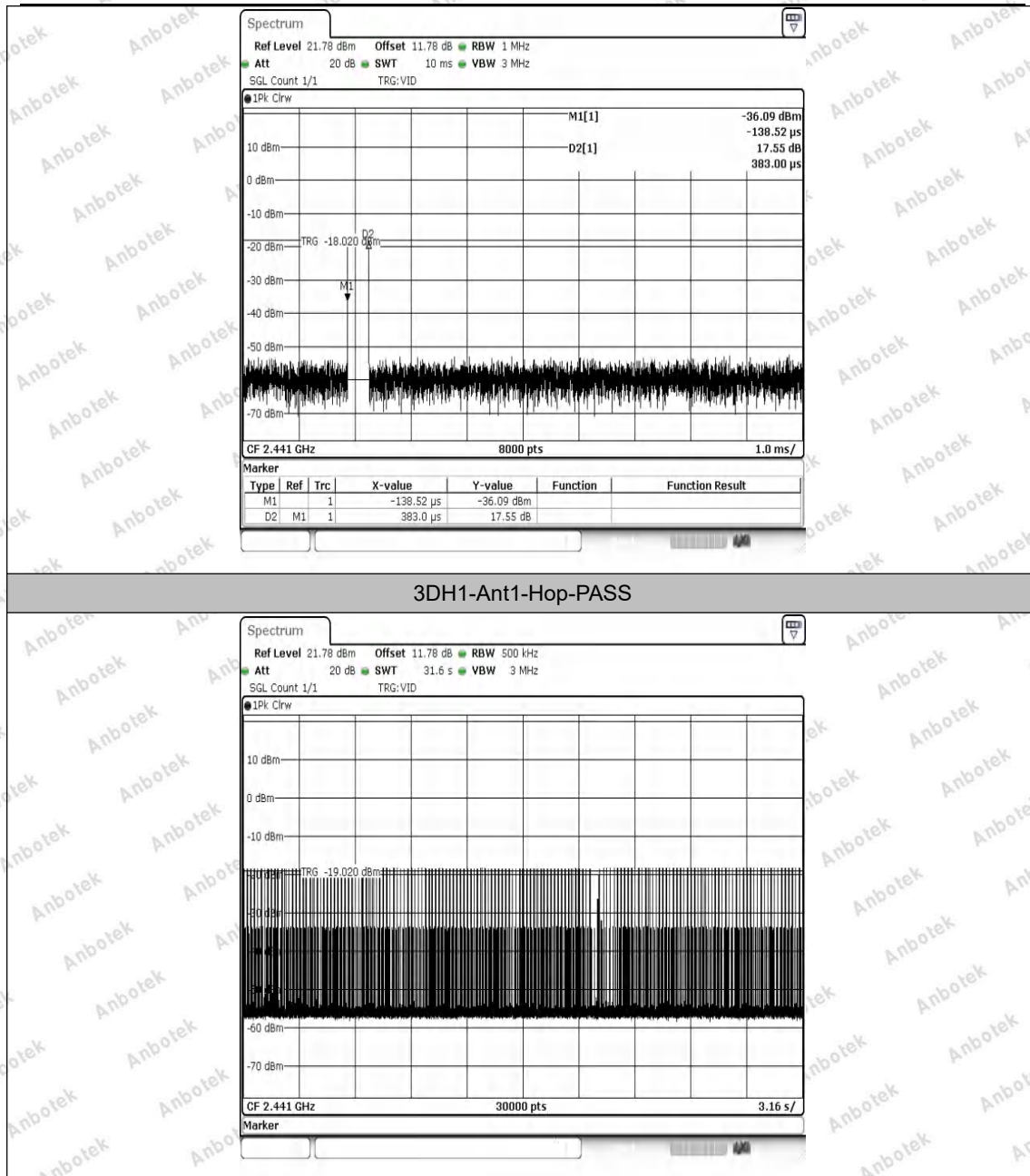


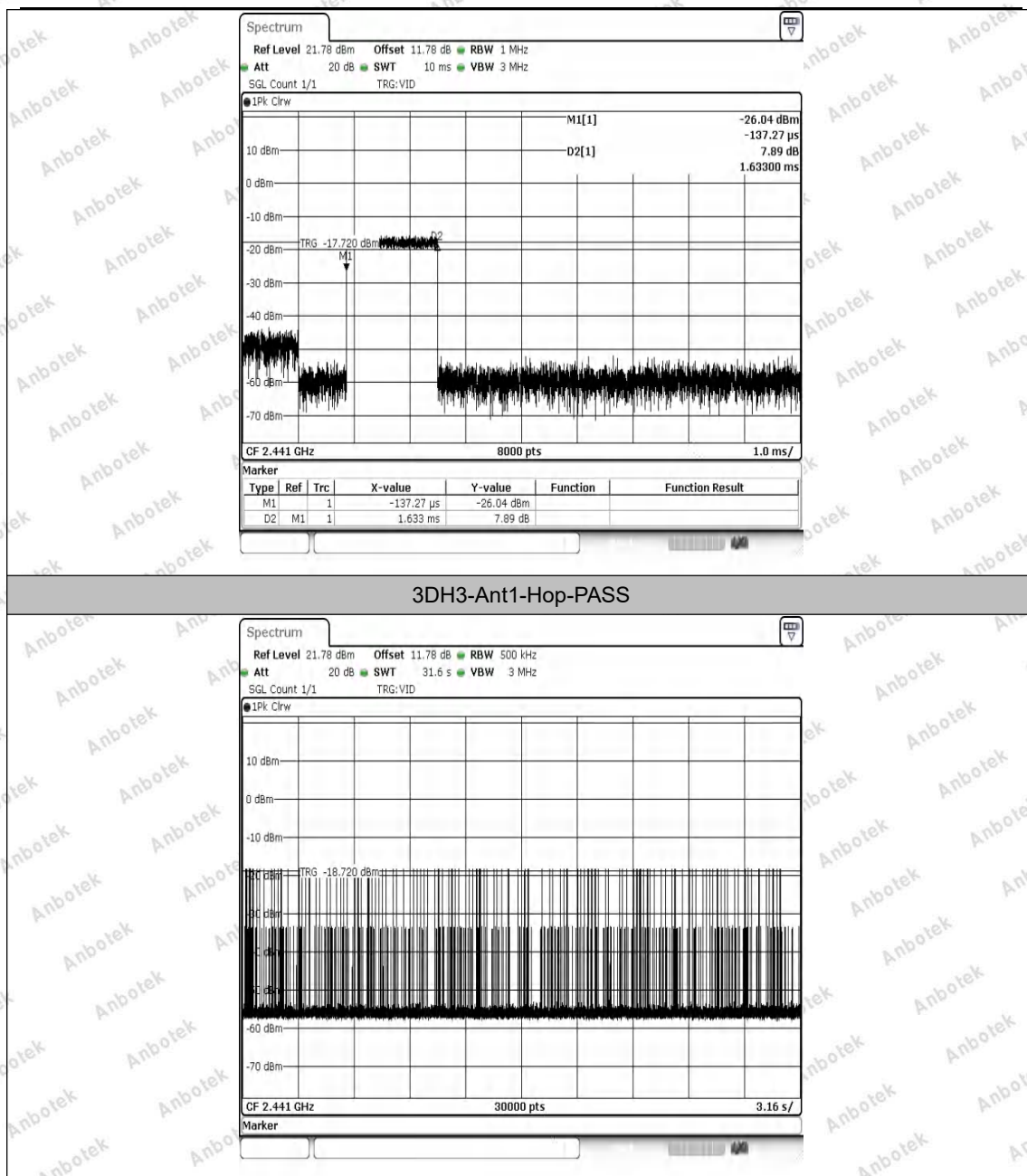


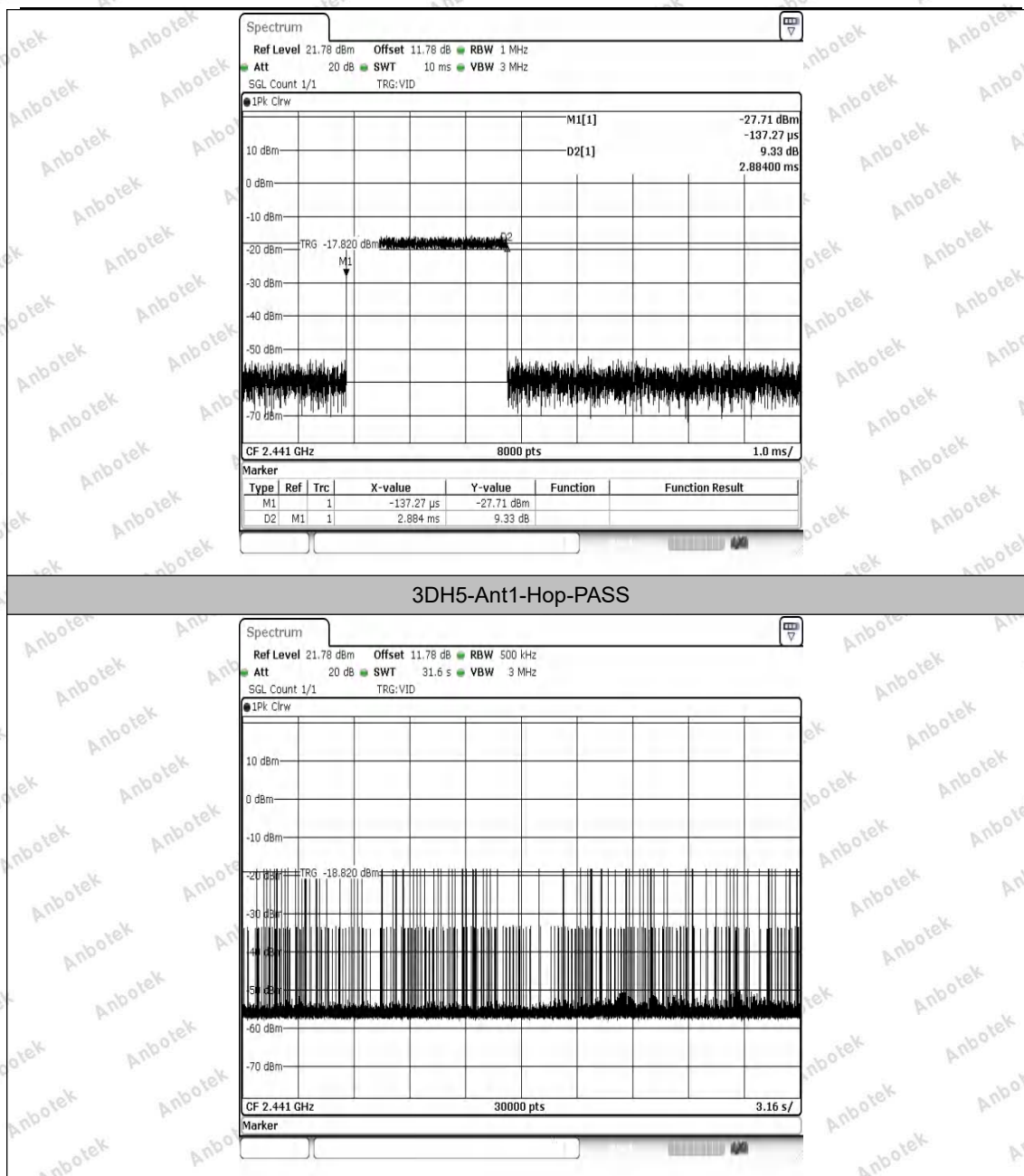












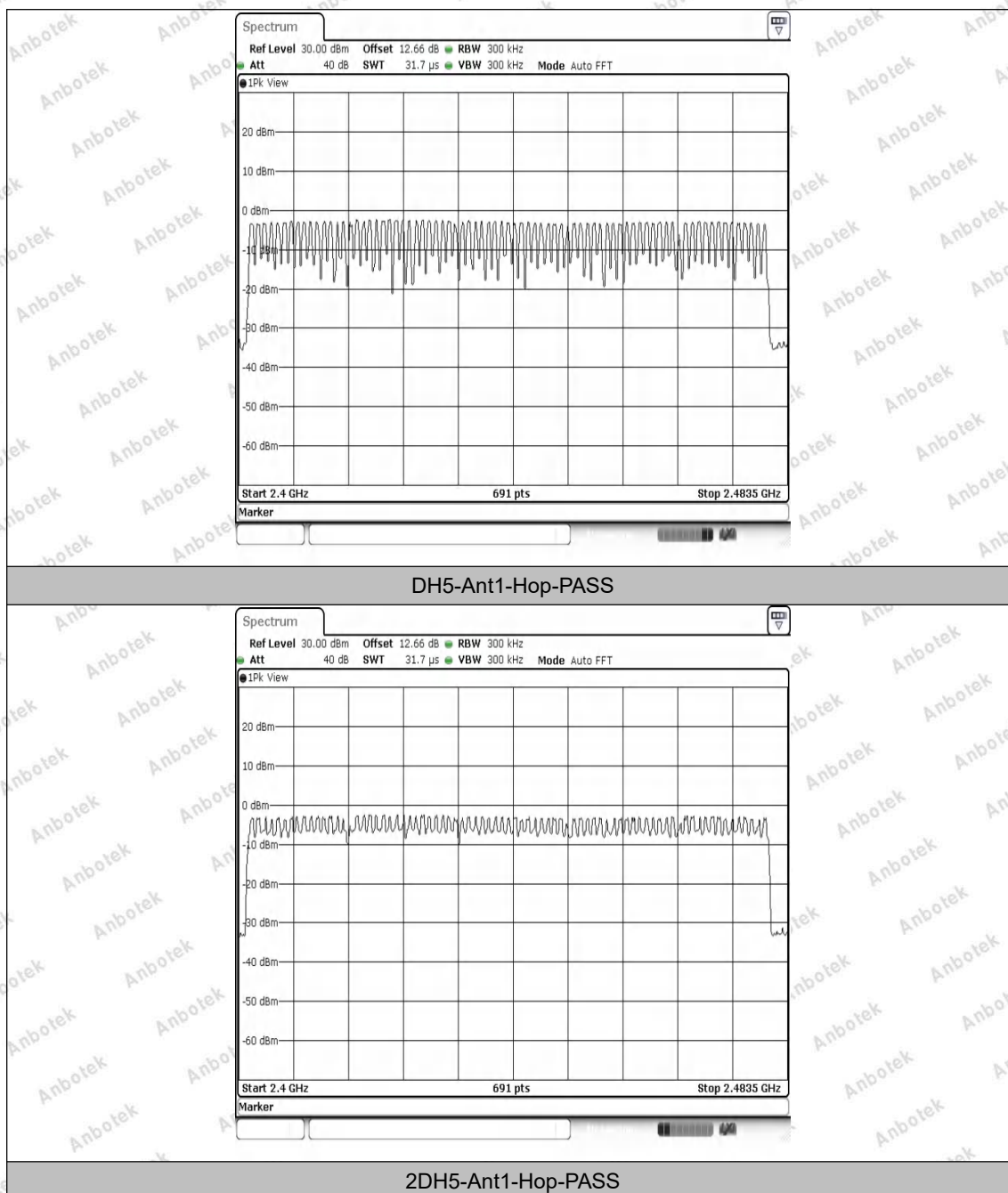
Appendix F: Number of hopping channels

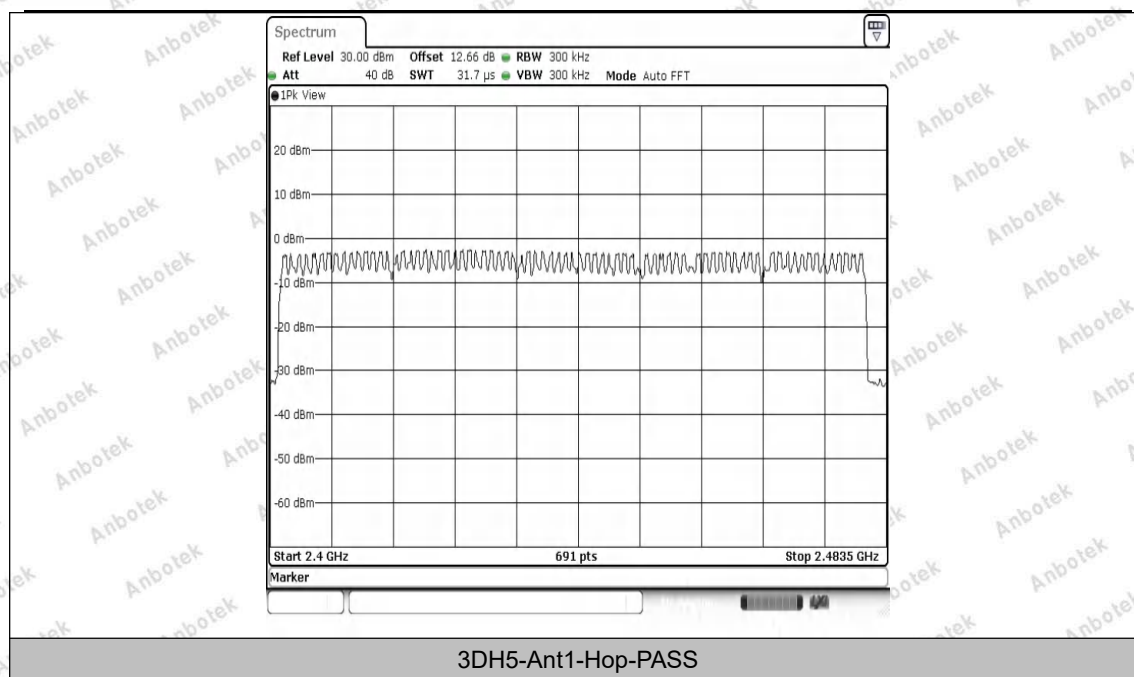
Test Result

TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	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



Hotline
400-003-0500
www.anbotek.com



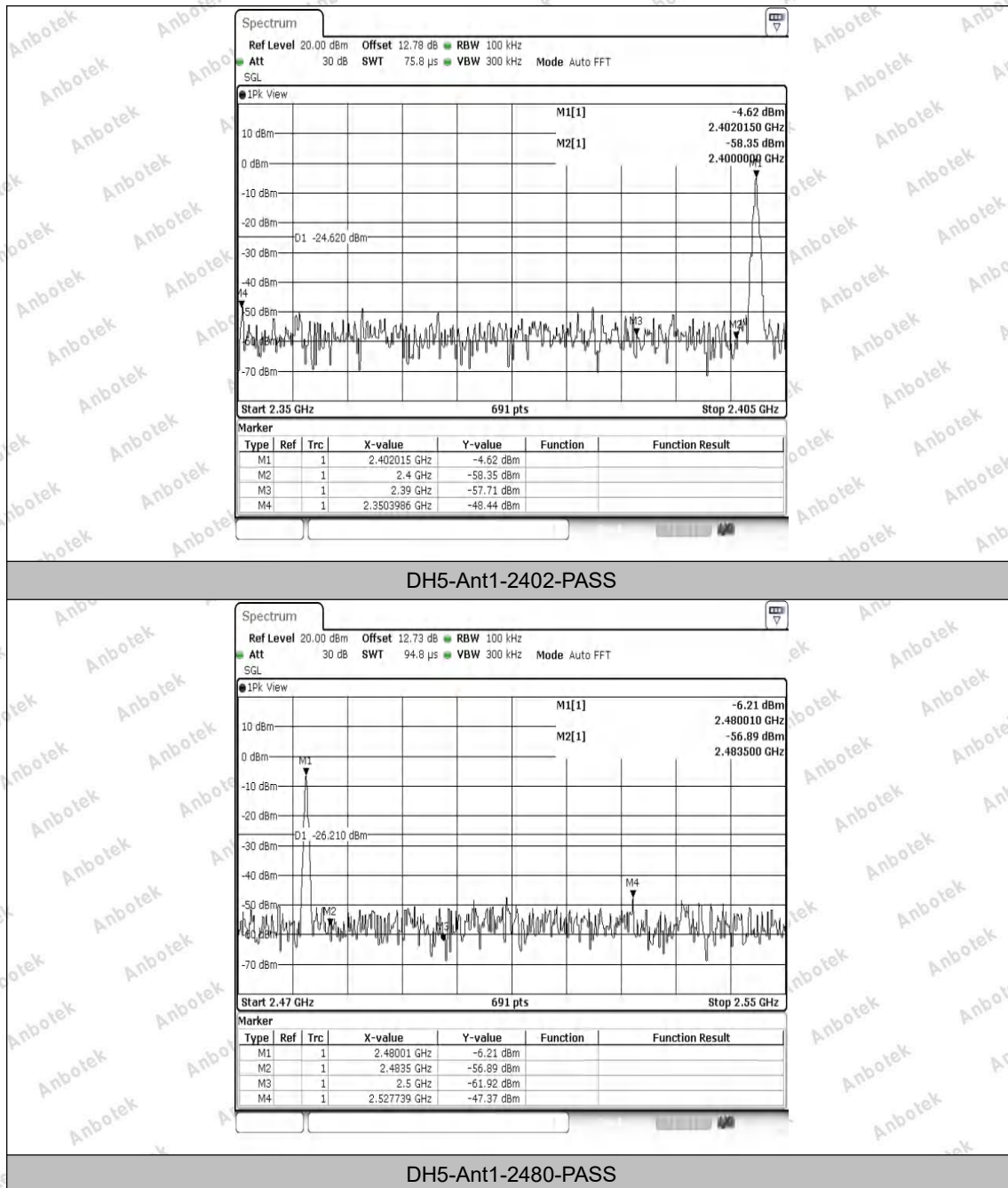
Appendix G: Band edge measurements

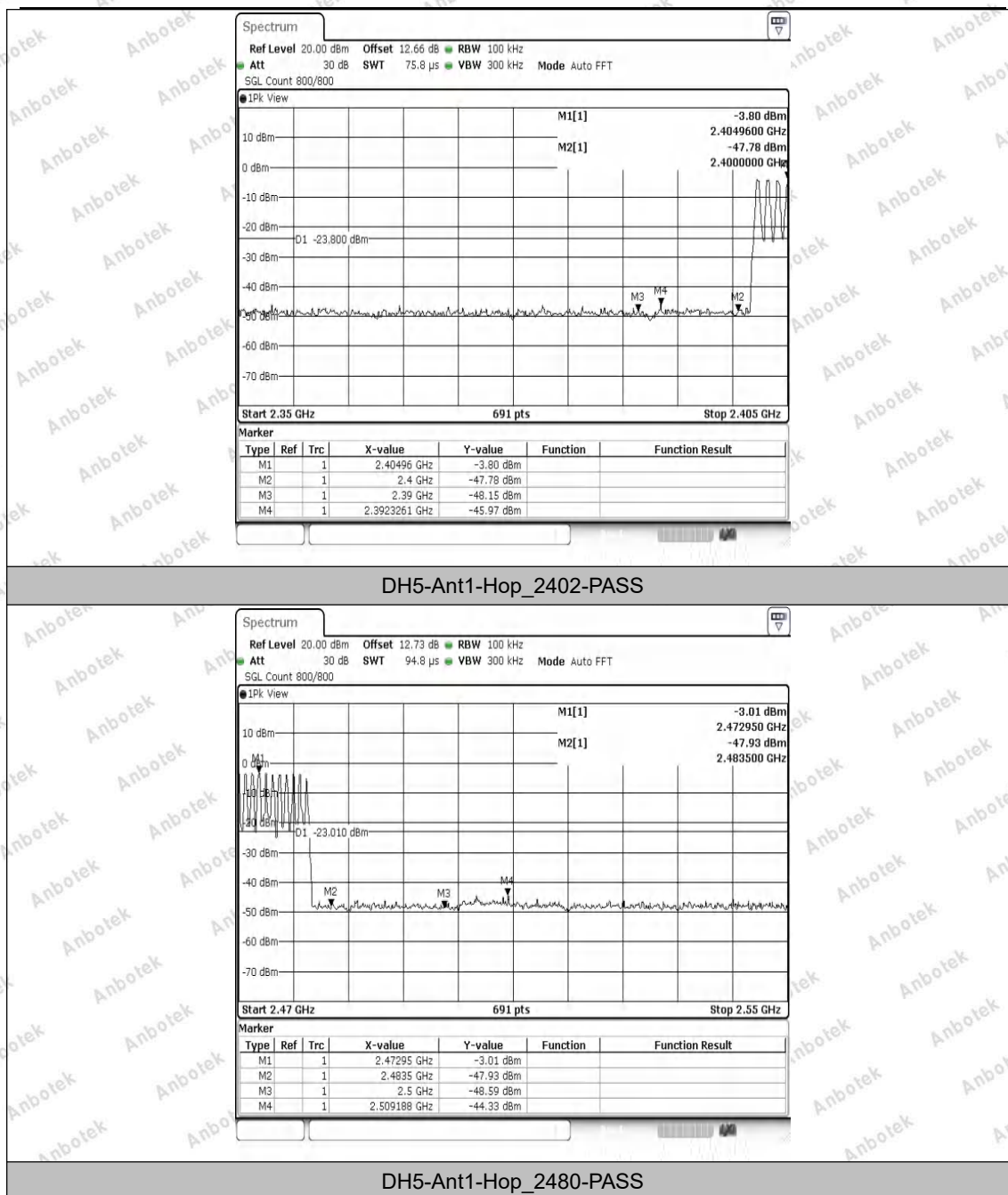
Test Result

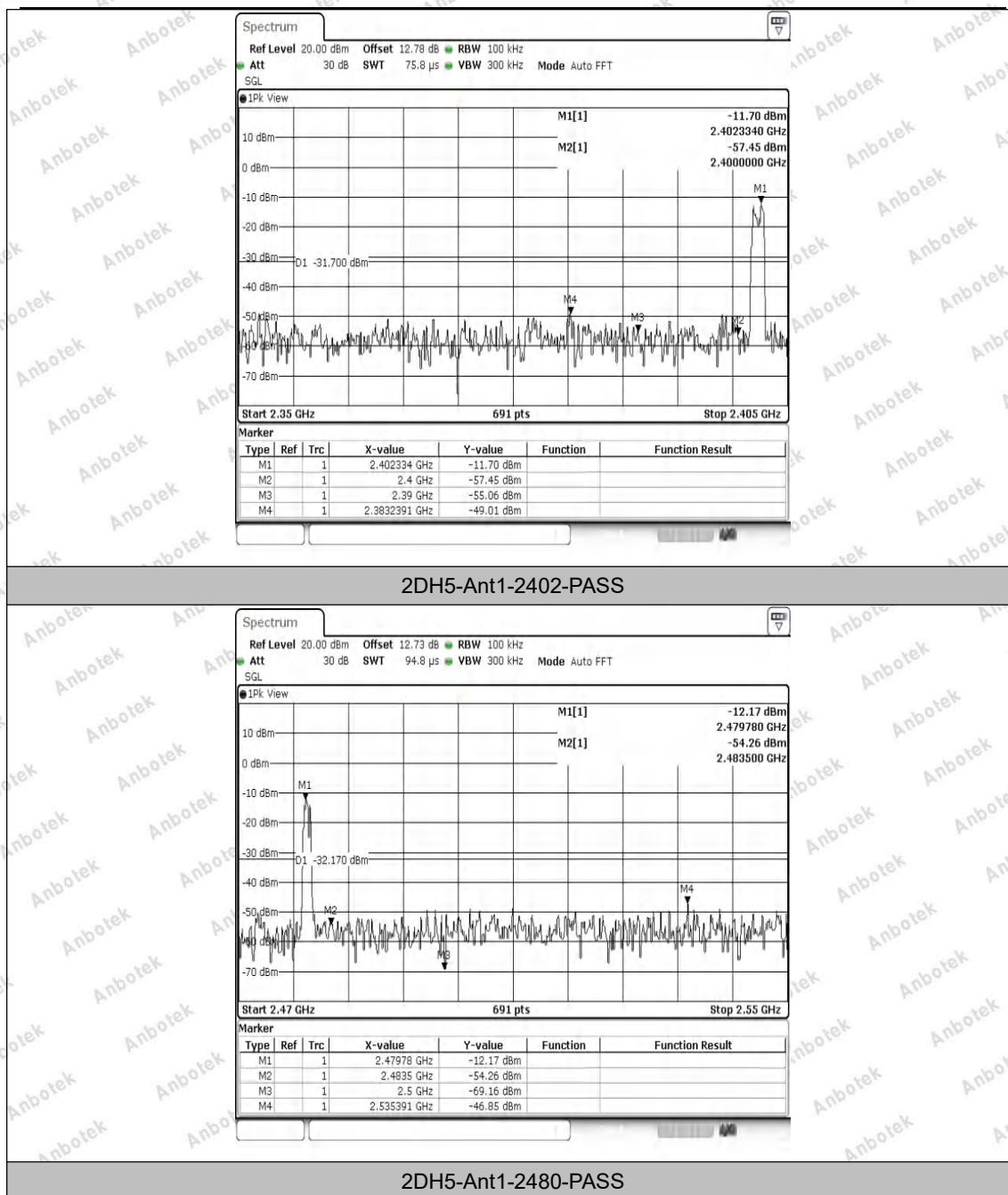
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-4.62	-48.44	≤-24.62	PASS
DH5	Ant1	High	2480	-6.21	-47.37	≤-26.21	PASS
DH5	Ant1	Low	Hop_2402	-3.80	-45.97	≤-23.8	PASS
DH5	Ant1	High	Hop_2480	-3.01	-44.33	≤-23.01	PASS
2DH5	Ant1	Low	2402	-11.70	-49.01	≤-31.7	PASS
2DH5	Ant1	High	2480	-12.17	-46.85	≤-32.17	PASS
2DH5	Ant1	Low	Hop_2402	-3.48	-46.04	≤-23.48	PASS
2DH5	Ant1	High	Hop_2480	-5.16	-44.38	≤-25.16	PASS
3DH5	Ant1	Low	2402	-9.91	-48.65	≤-29.91	PASS
3DH5	Ant1	High	2480	-11.34	-47.92	≤-31.34	PASS
3DH5	Ant1	Low	Hop_2402	-7.38	-45.66	≤-27.38	PASS
3DH5	Ant1	High	Hop_2480	-5.28	-44.97	≤-25.28	PASS

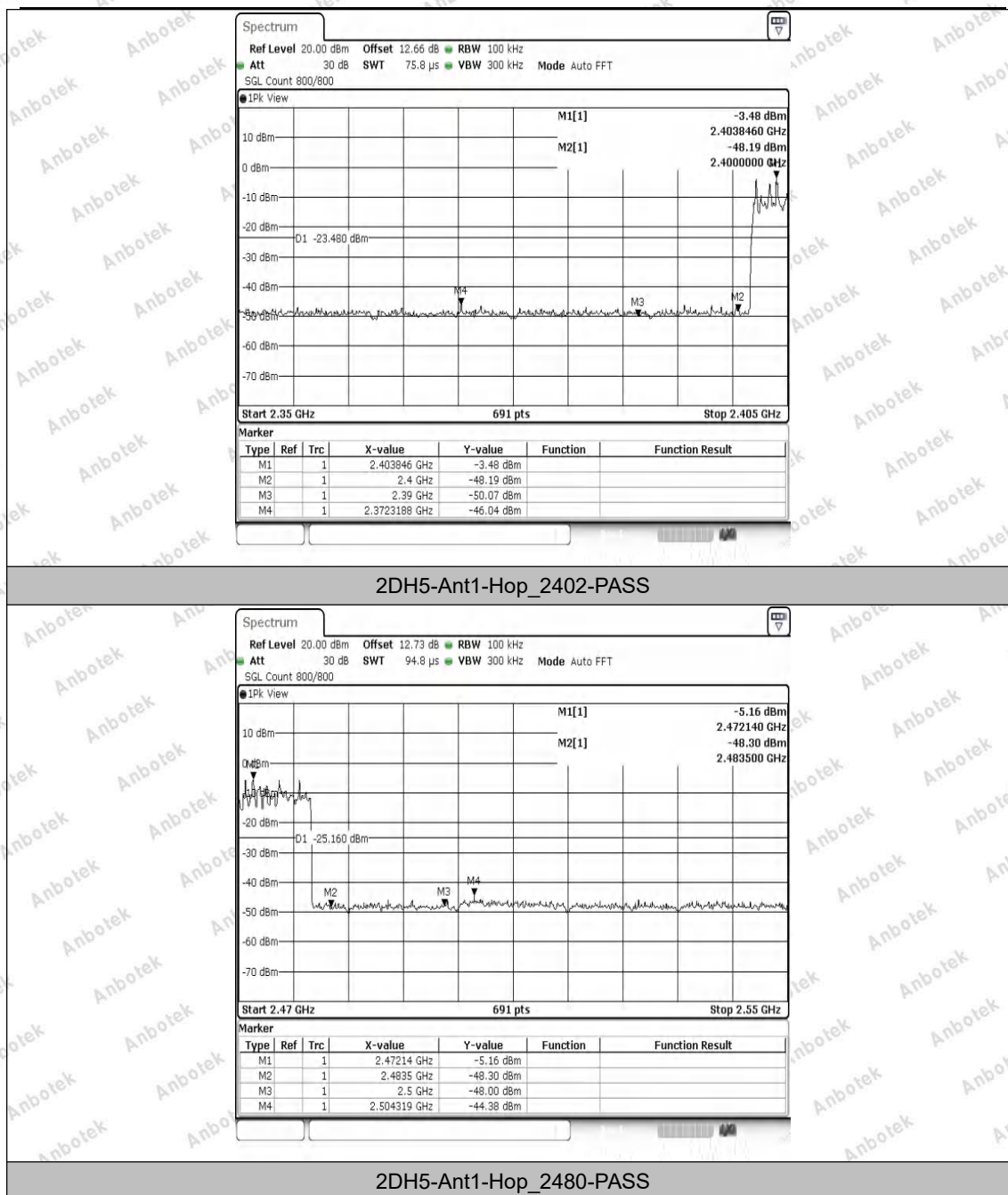


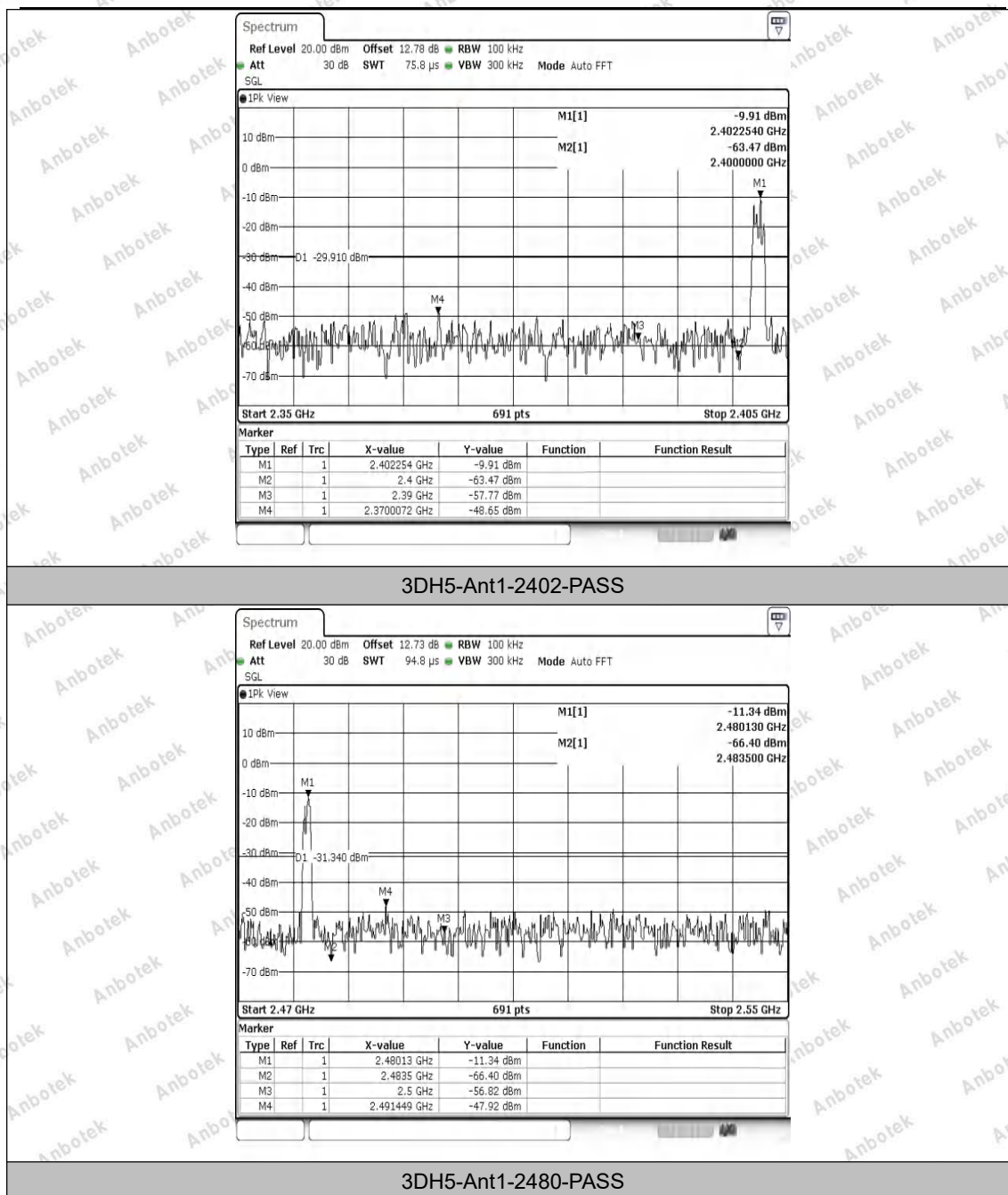
Test Graphs

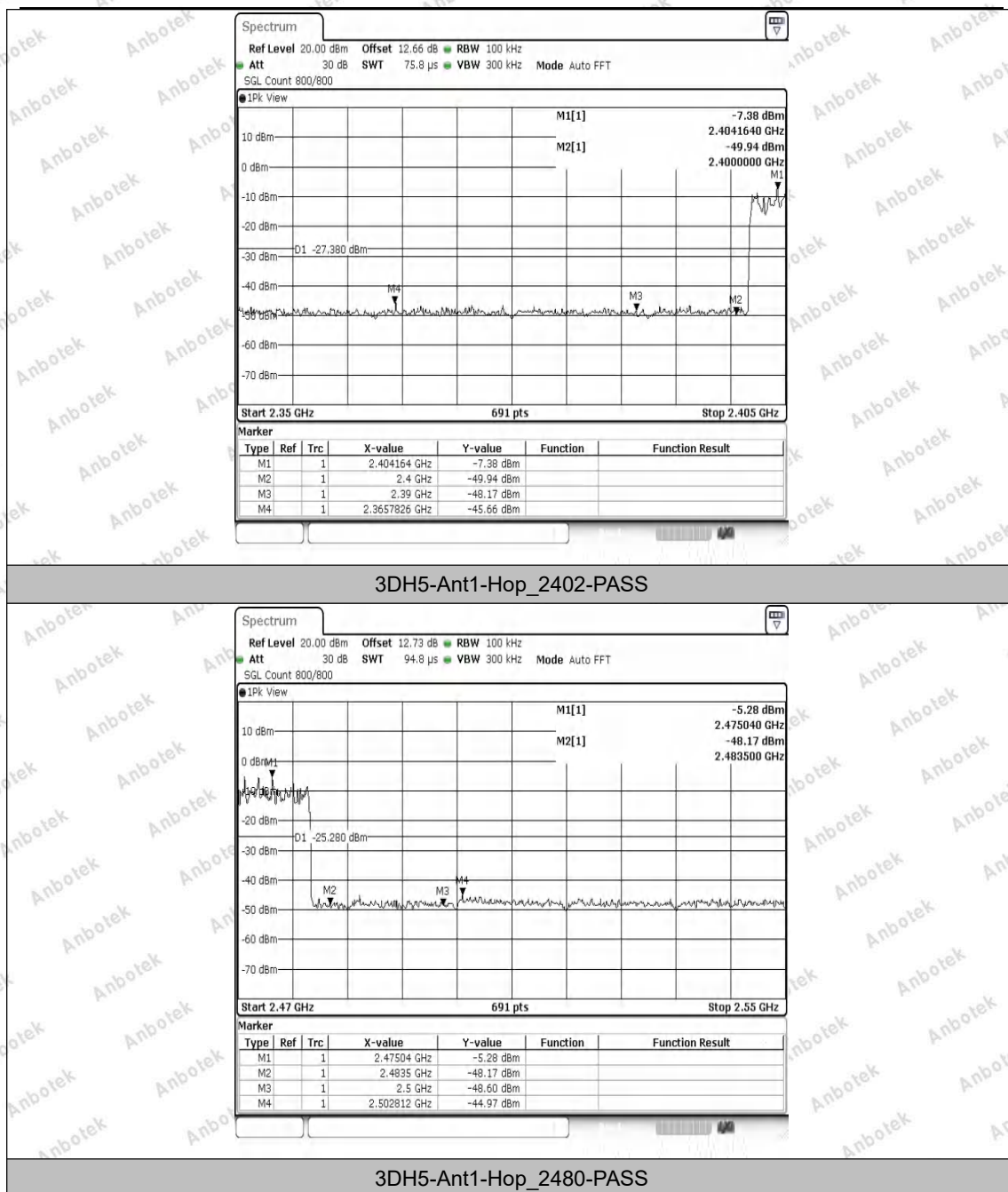












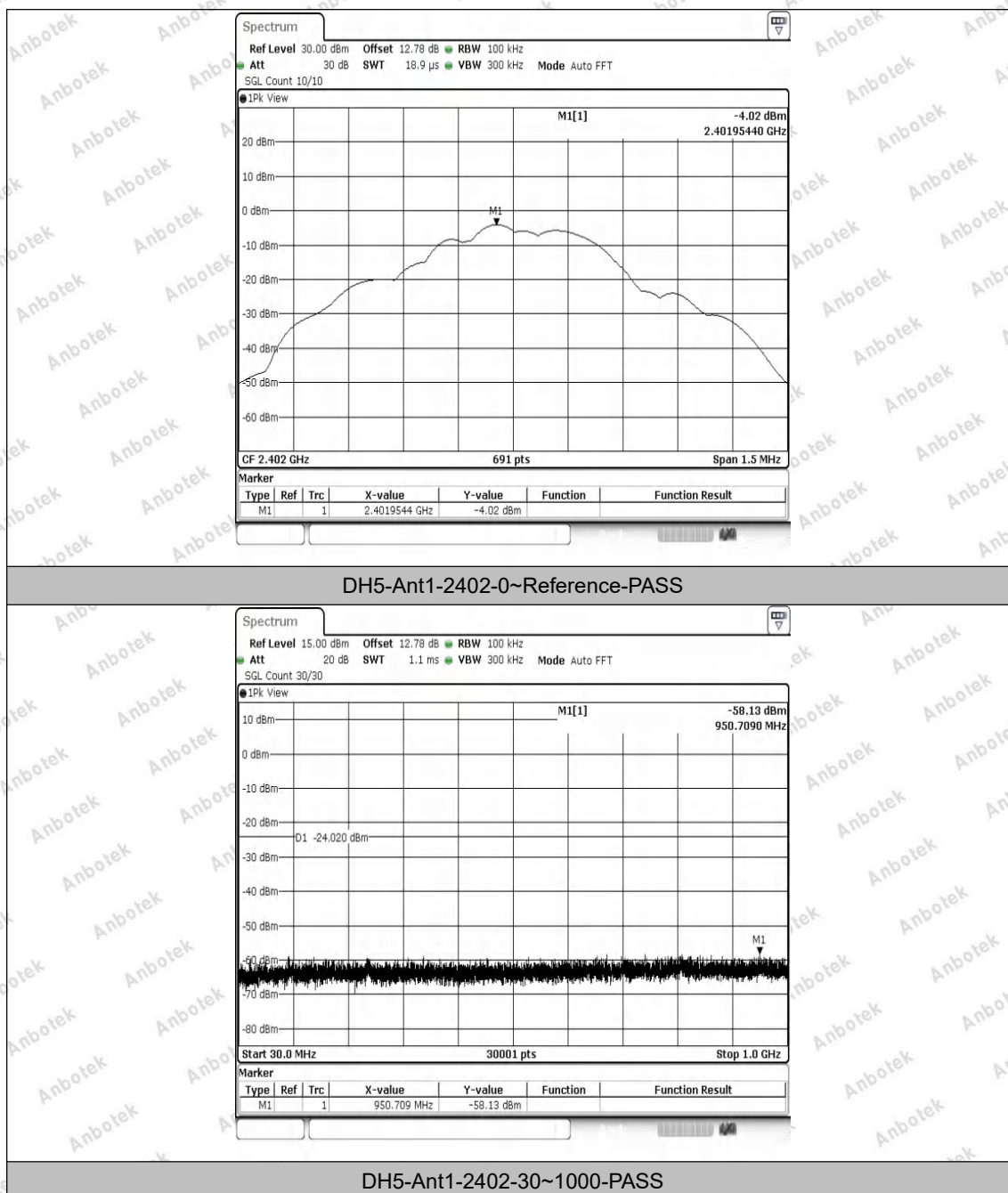
Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-4.02	-4.02	---	PASS
DH5	Ant1	2402	30~1000	-4.02	-58.13	≤-24.02	PASS
DH5	Ant1	2402	1000~26500	-4.02	-49.87	≤-24.02	PASS
DH5	Ant1	2441	0~Reference	-3.44	-3.44	---	PASS
DH5	Ant1	2441	30~1000	-3.44	-56.47	≤-23.44	PASS
DH5	Ant1	2441	1000~26500	-3.44	-49.99	≤-23.44	PASS
DH5	Ant1	2480	0~Reference	-4.28	-4.28	---	PASS
DH5	Ant1	2480	30~1000	-4.28	-57.42	≤-24.28	PASS
DH5	Ant1	2480	1000~26500	-4.28	-49.74	≤-24.28	PASS
2DH5	Ant1	2402	0~Reference	-10.31	-10.31	---	PASS
2DH5	Ant1	2402	30~1000	-10.31	-56.5	≤-30.31	PASS
2DH5	Ant1	2402	1000~26500	-10.31	-50.26	≤-30.31	PASS
2DH5	Ant1	2441	0~Reference	-9.21	-9.21	---	PASS
2DH5	Ant1	2441	30~1000	-9.21	-57.13	≤-29.21	PASS
2DH5	Ant1	2441	1000~26500	-9.21	-49.7	≤-29.21	PASS
2DH5	Ant1	2480	0~Reference	-8.96	-8.96	---	PASS
2DH5	Ant1	2480	30~1000	-8.96	-56.84	≤-28.96	PASS
2DH5	Ant1	2480	1000~26500	-8.96	-49.11	≤-28.96	PASS
3DH5	Ant1	2402	0~Reference	-8.40	-8.40	---	PASS
3DH5	Ant1	2402	30~1000	-8.40	-56.39	≤-28.4	PASS
3DH5	Ant1	2402	1000~26500	-8.40	-49.77	≤-28.4	PASS
3DH5	Ant1	2441	0~Reference	-9.23	-9.23	---	PASS
3DH5	Ant1	2441	30~1000	-9.23	-56.54	≤-29.23	PASS
3DH5	Ant1	2441	1000~26500	-9.23	-49.66	≤-29.23	PASS
3DH5	Ant1	2480	0~Reference	-9.56	-9.56	---	PASS
3DH5	Ant1	2480	30~1000	-9.56	-57.51	≤-29.56	PASS
3DH5	Ant1	2480	1000~26500	-9.56	-49.84	≤-29.56	PASS



Test Graphs



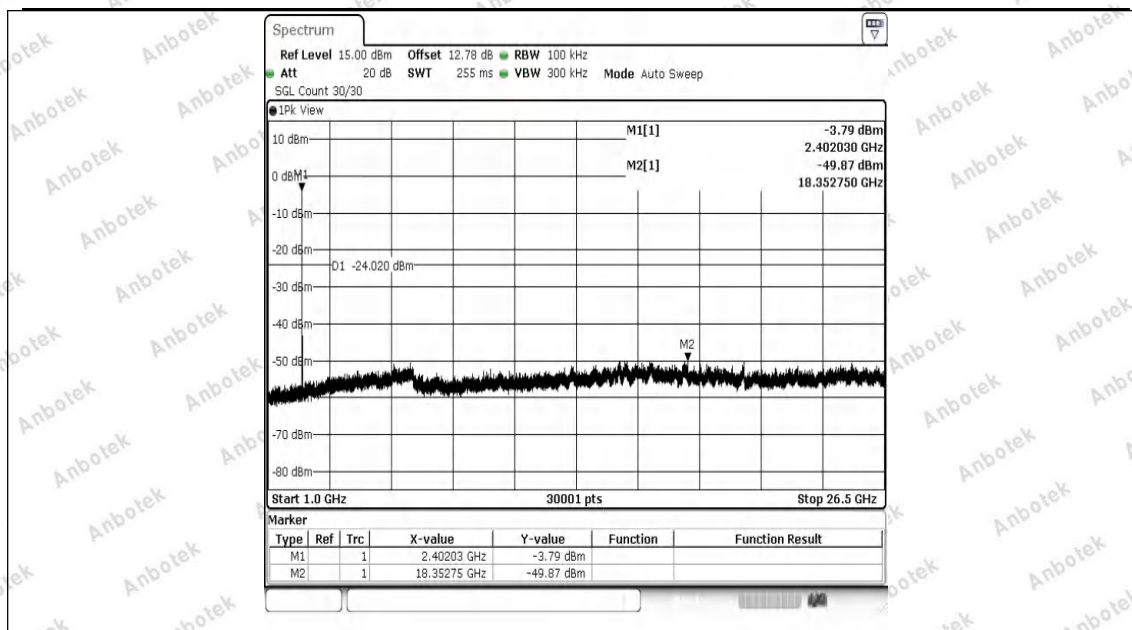
Shenzhen Anbotek Compliance Laboratory Limited

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

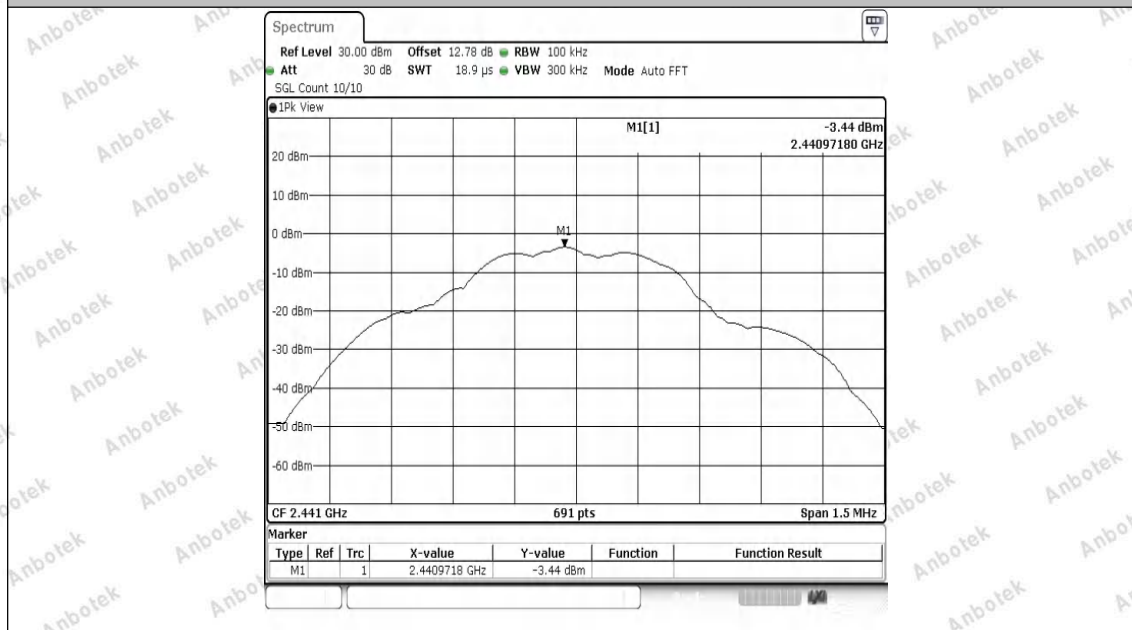


Hotline
400-003-0500
www.anbotek.com



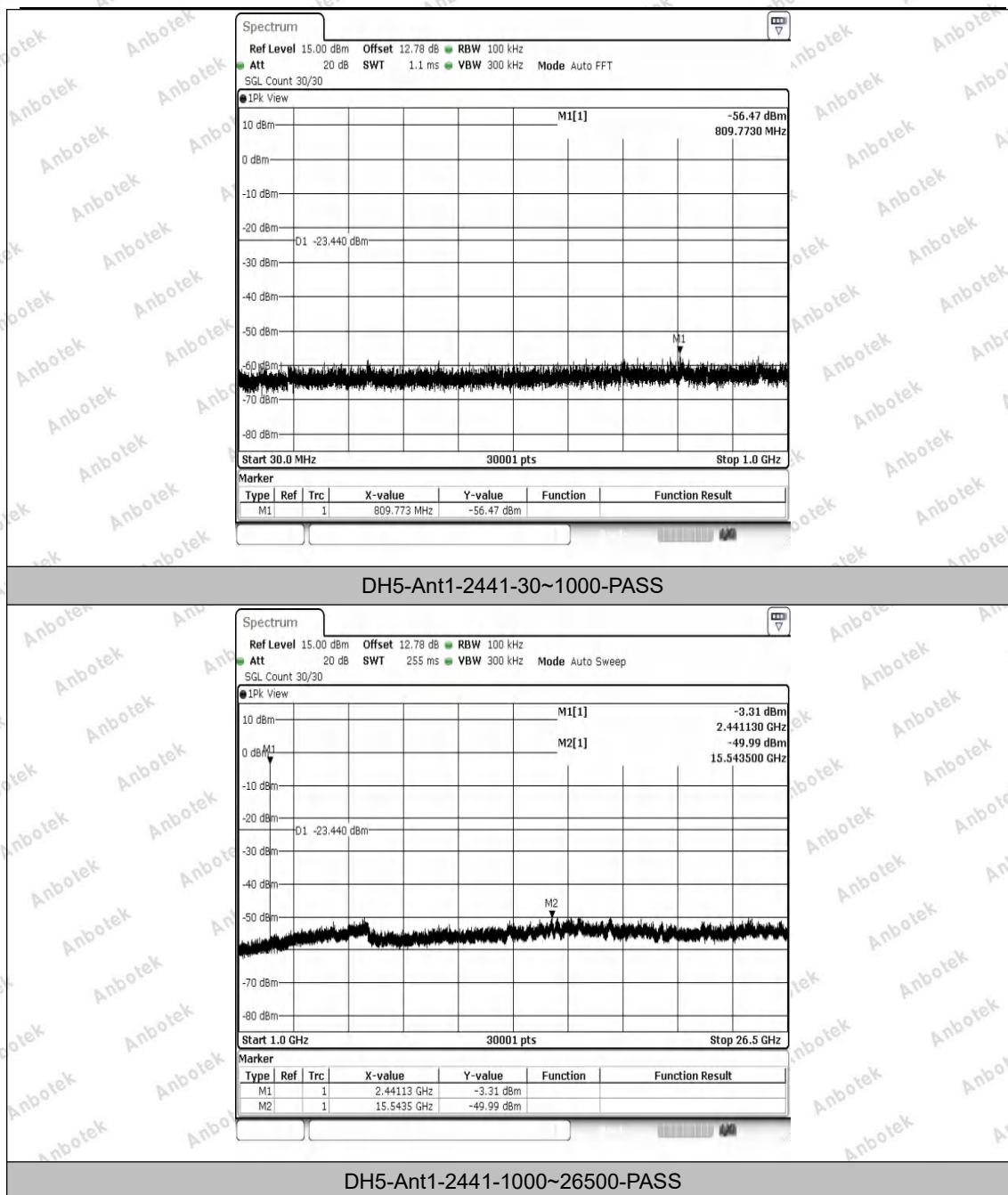


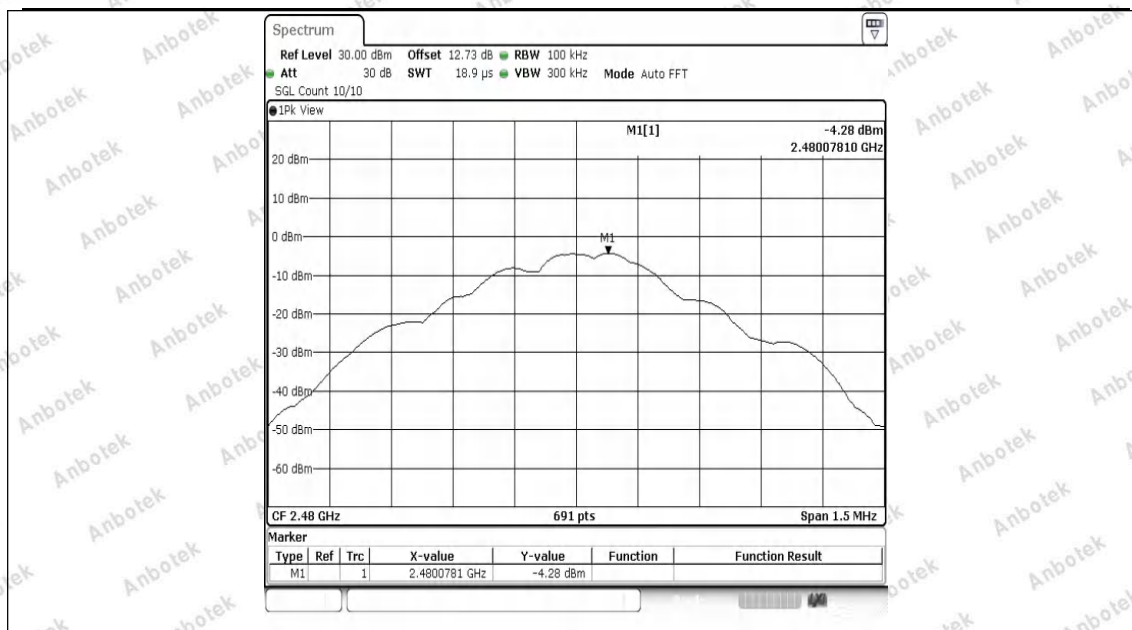
DH5-Ant1-2402-1000~26500-PASS



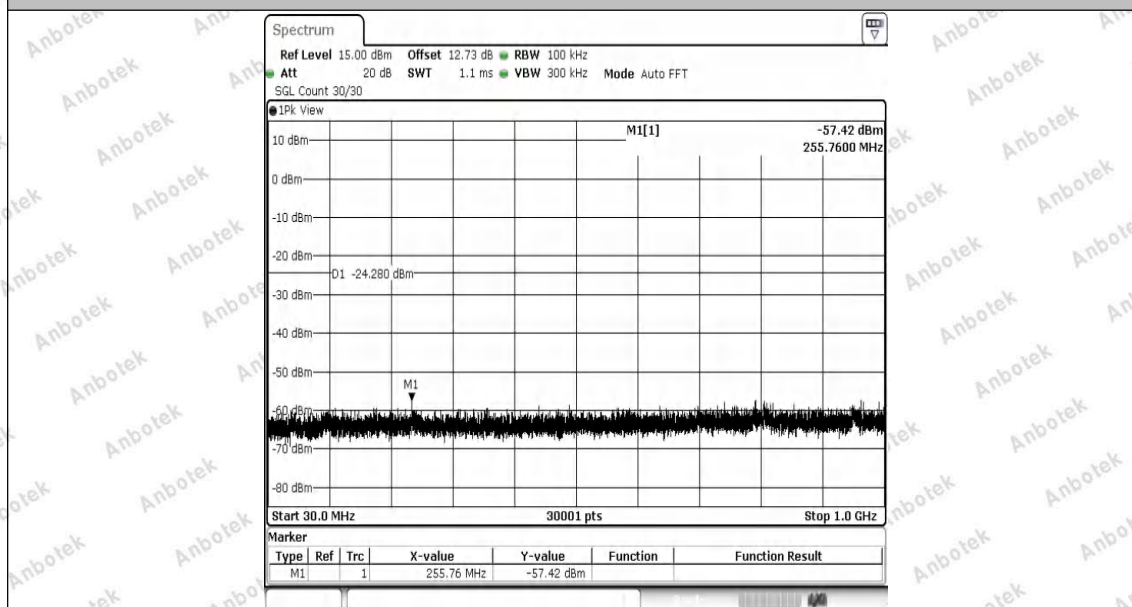
DH5-Ant1-2441-0~Reference-PASS





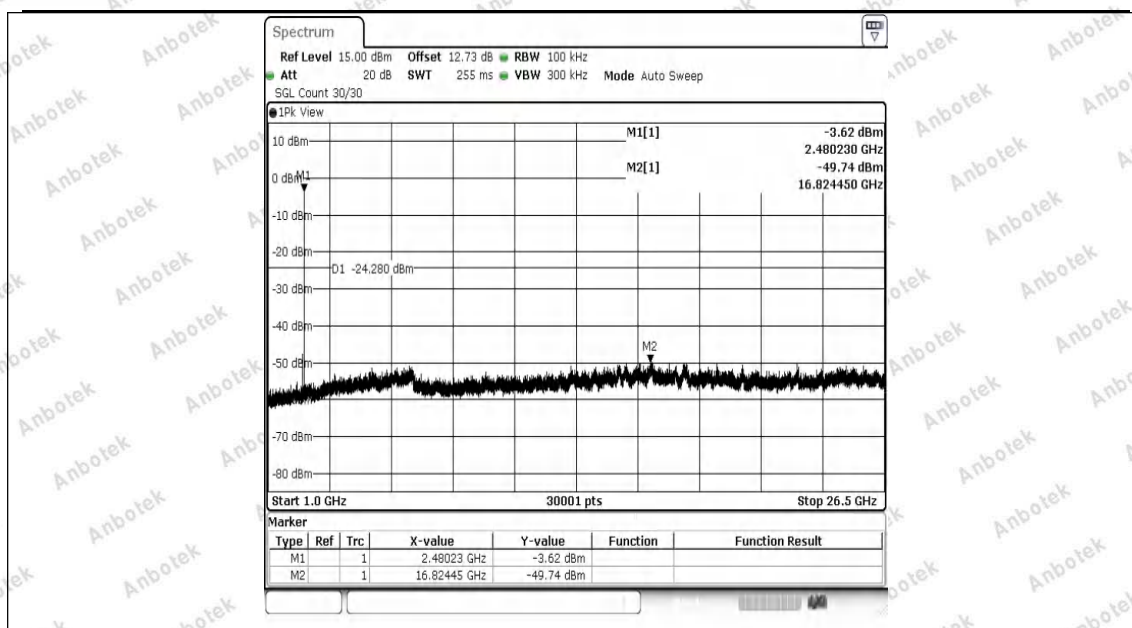


DH5-Ant1-2480-0~Reference-PASS

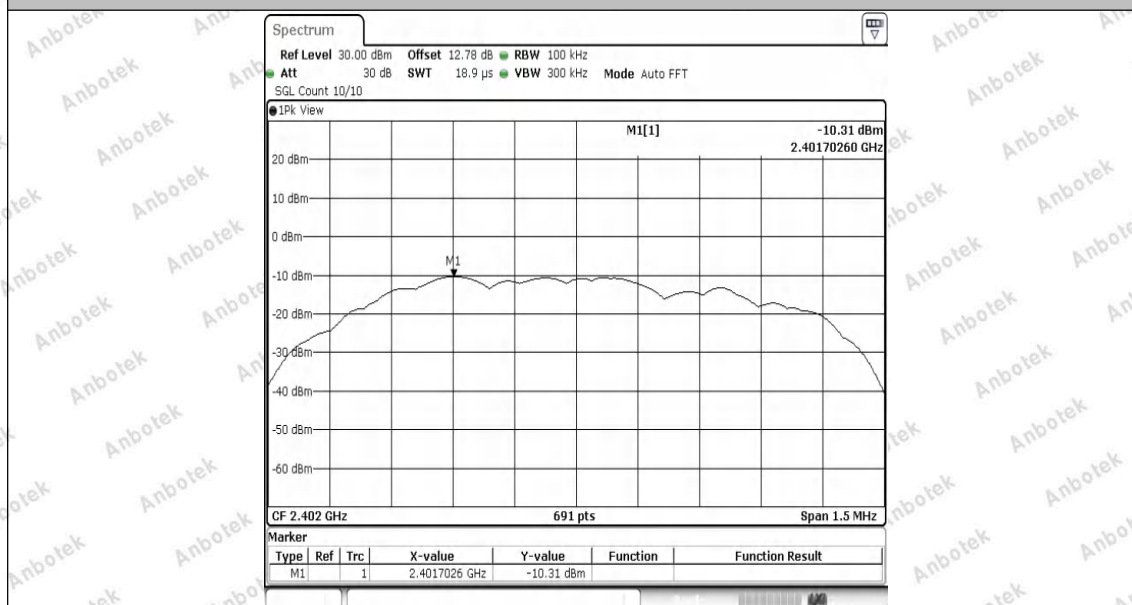


DH5-Ant1-2480-30~1000-PASS



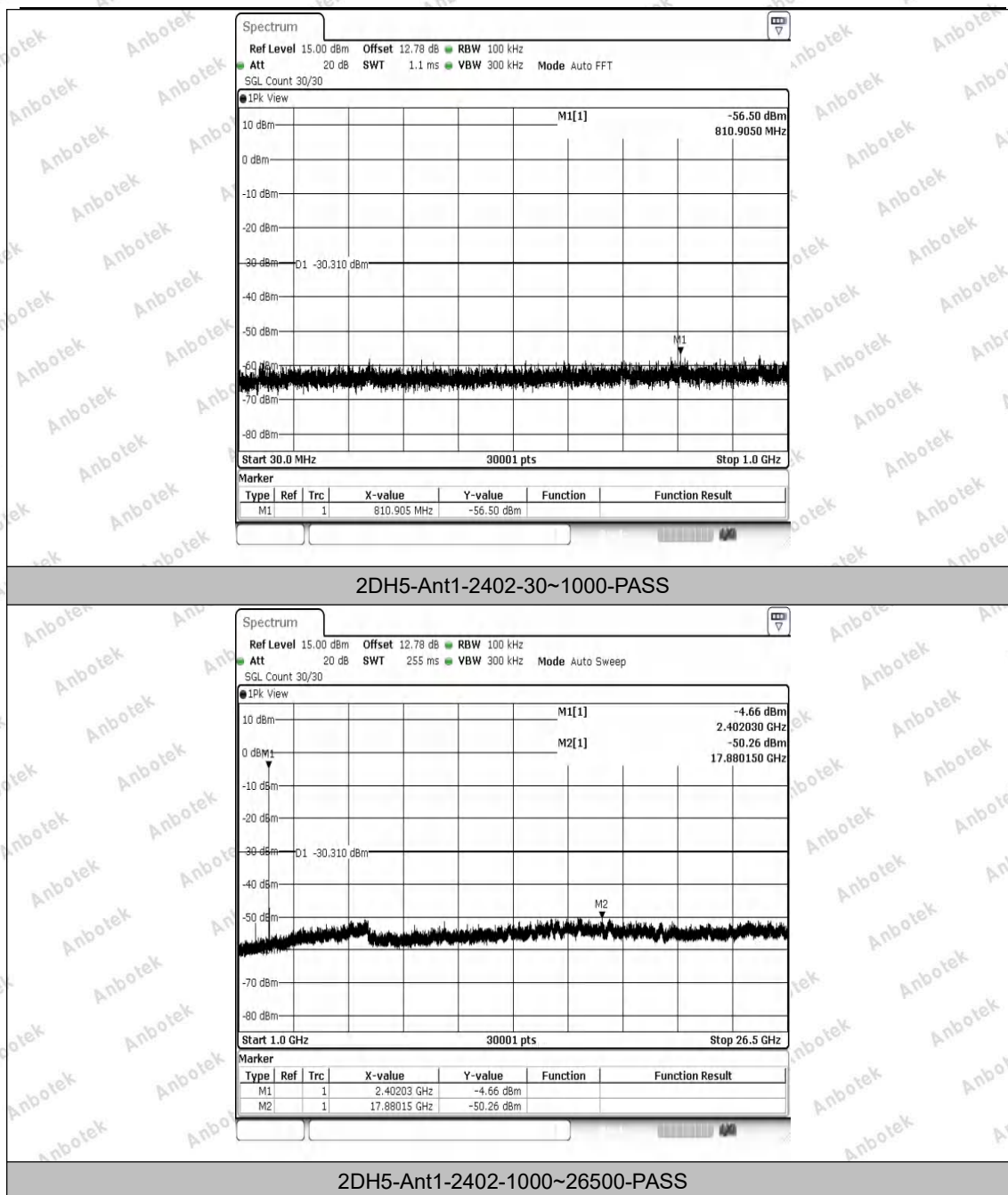


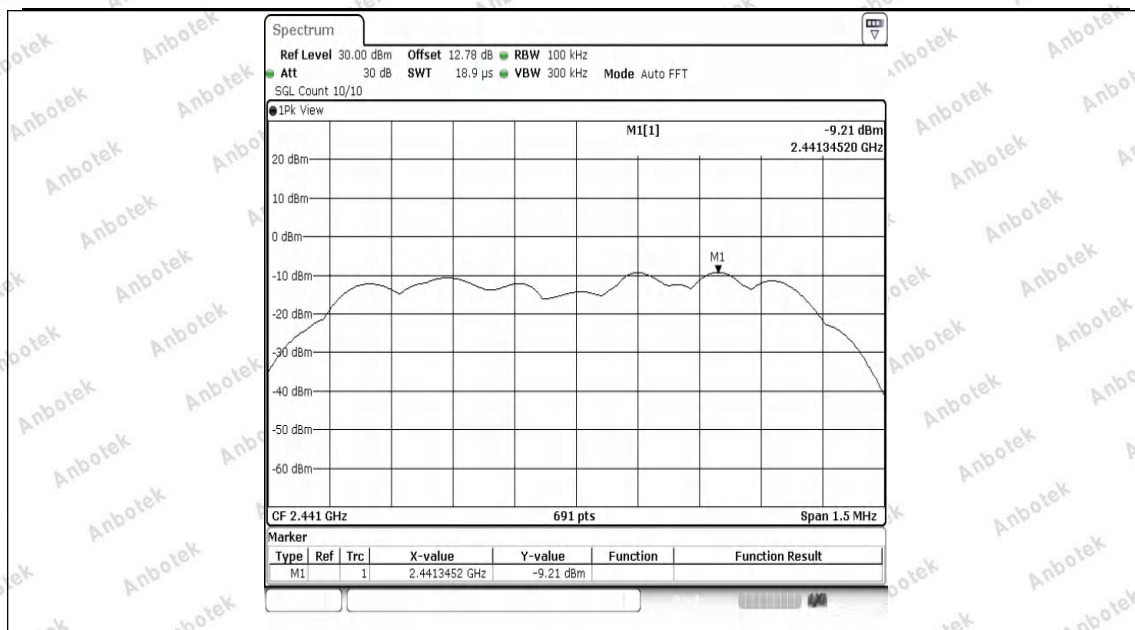
DH5-Ant1-2480-1000~26500-PASS



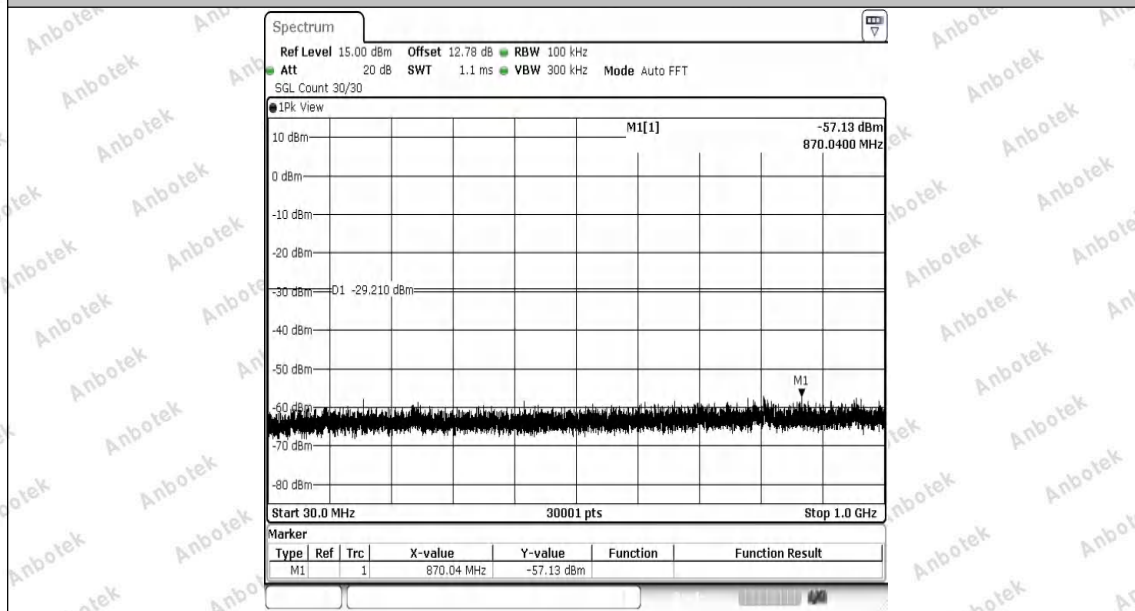
2DH5-Ant1-2402-0~Reference-PASS





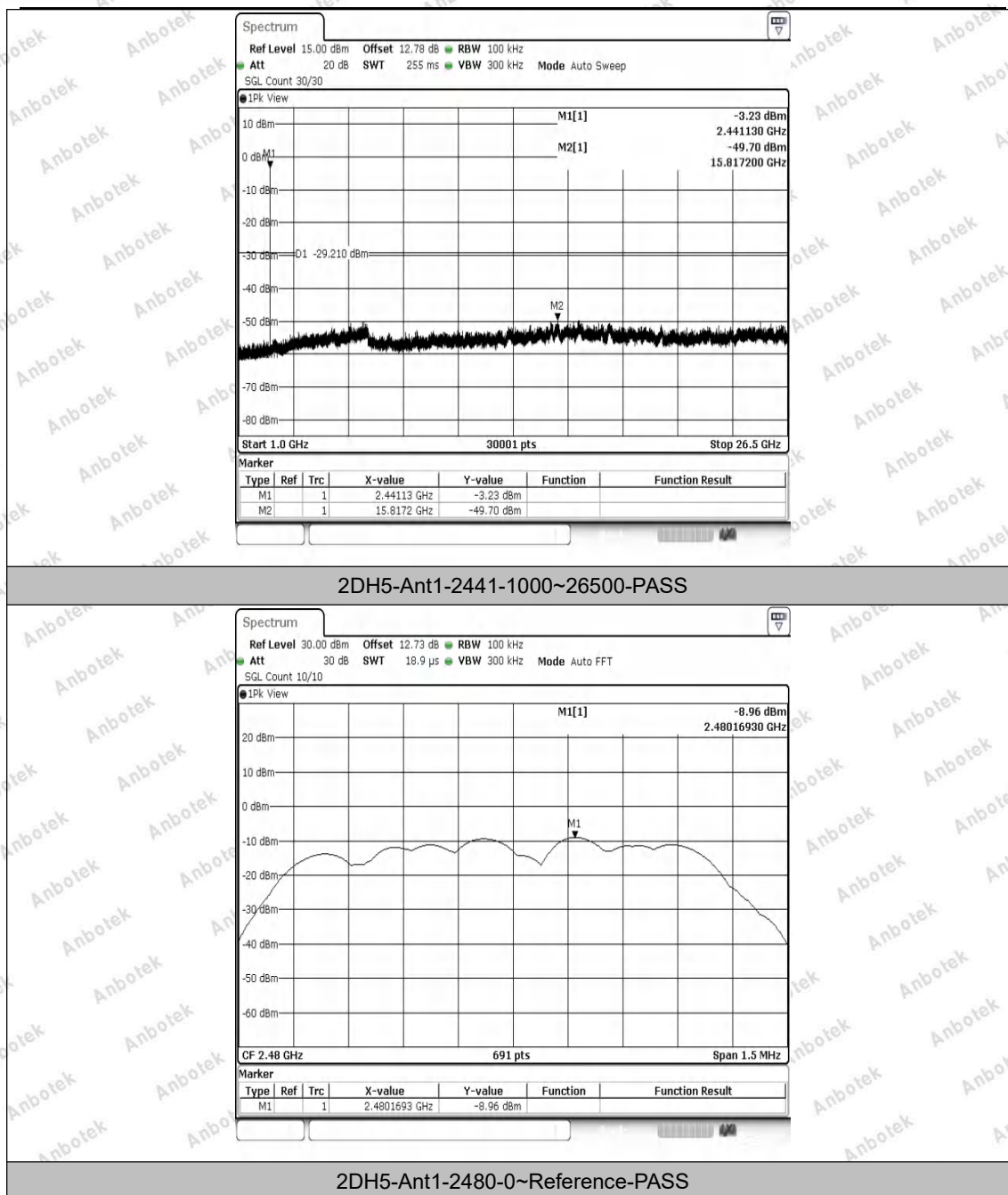


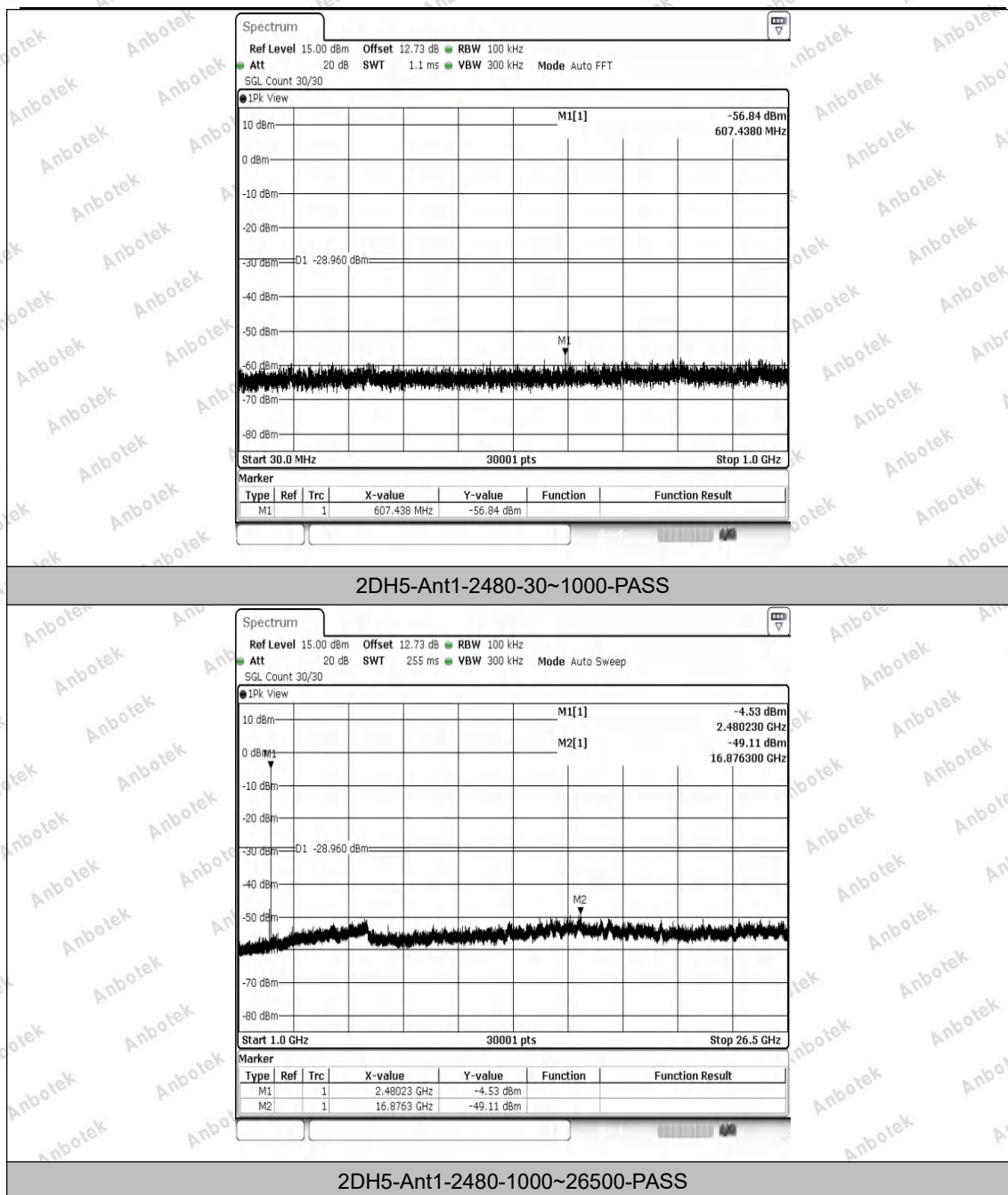
2DH5-Ant1-2441-0~Reference-PASS

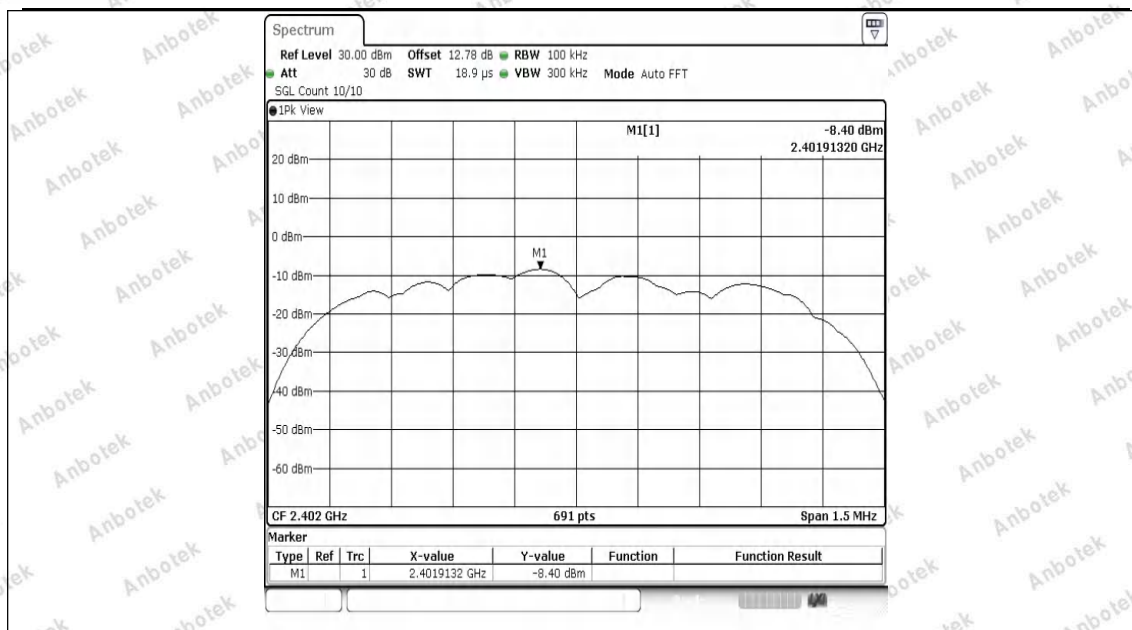


2DH5-Ant1-2441-30~1000-PASS

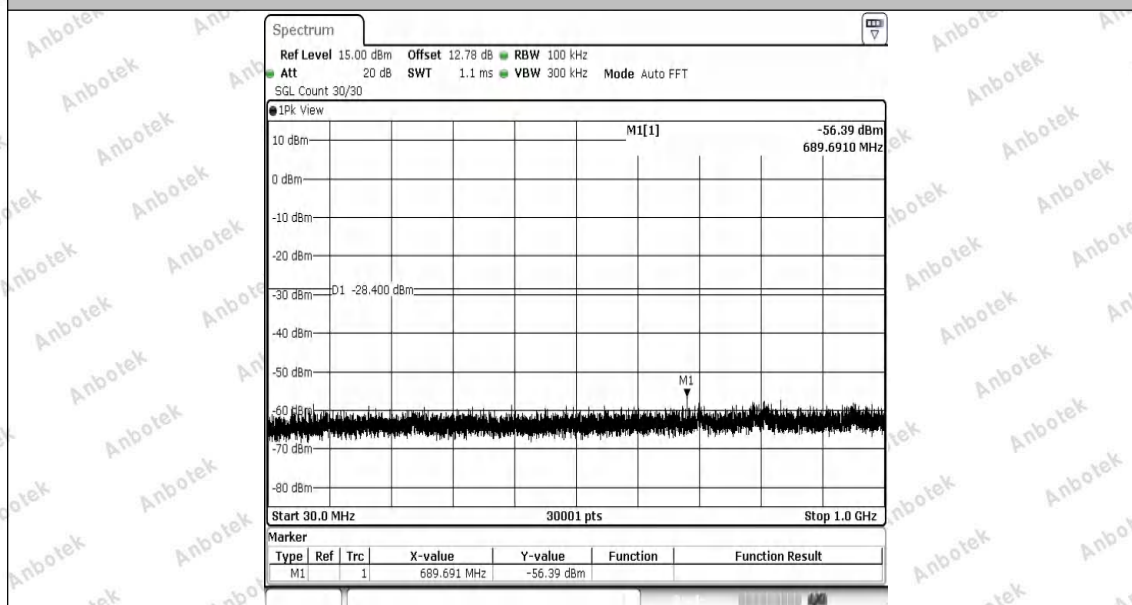






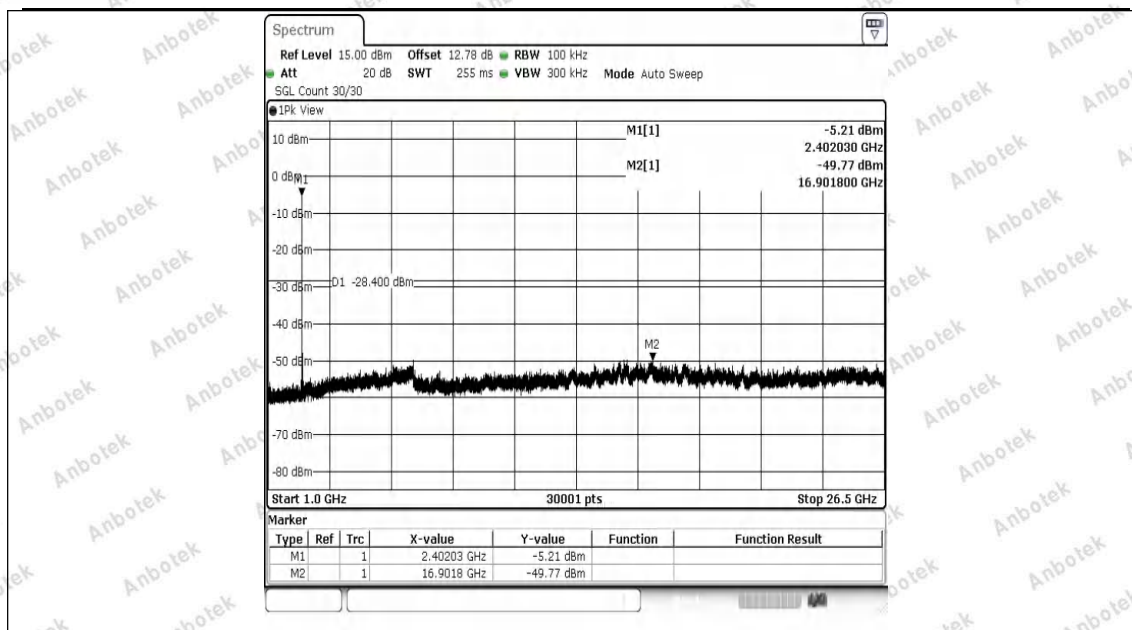


3DH5-Ant1-2402-0~Reference-PASS

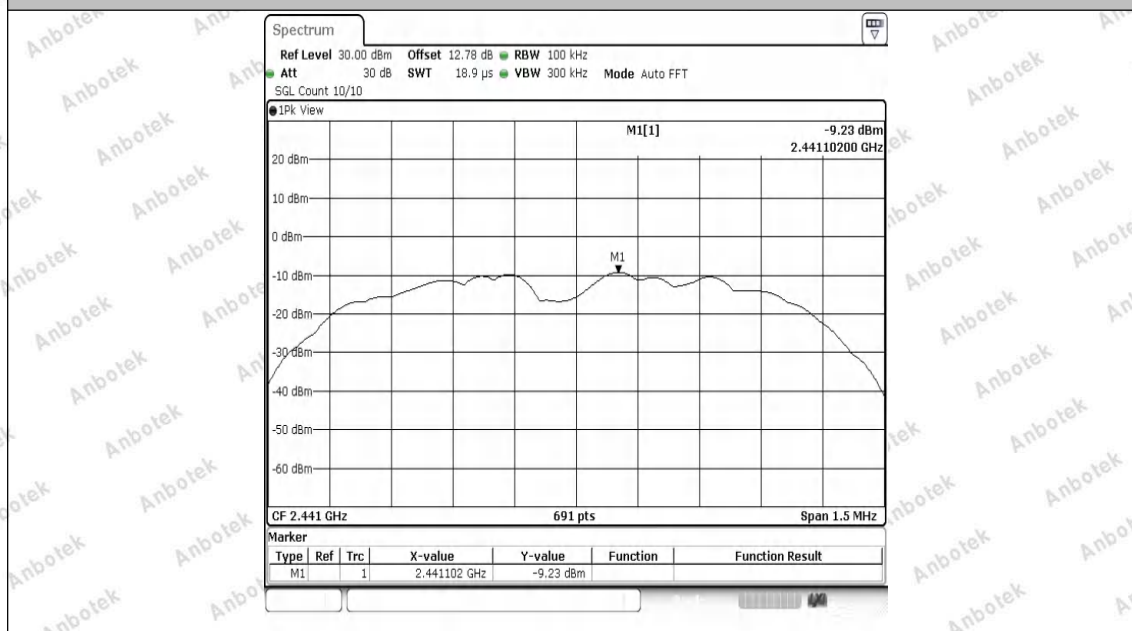


3DH5-Ant1-2402-30~1000-PASS



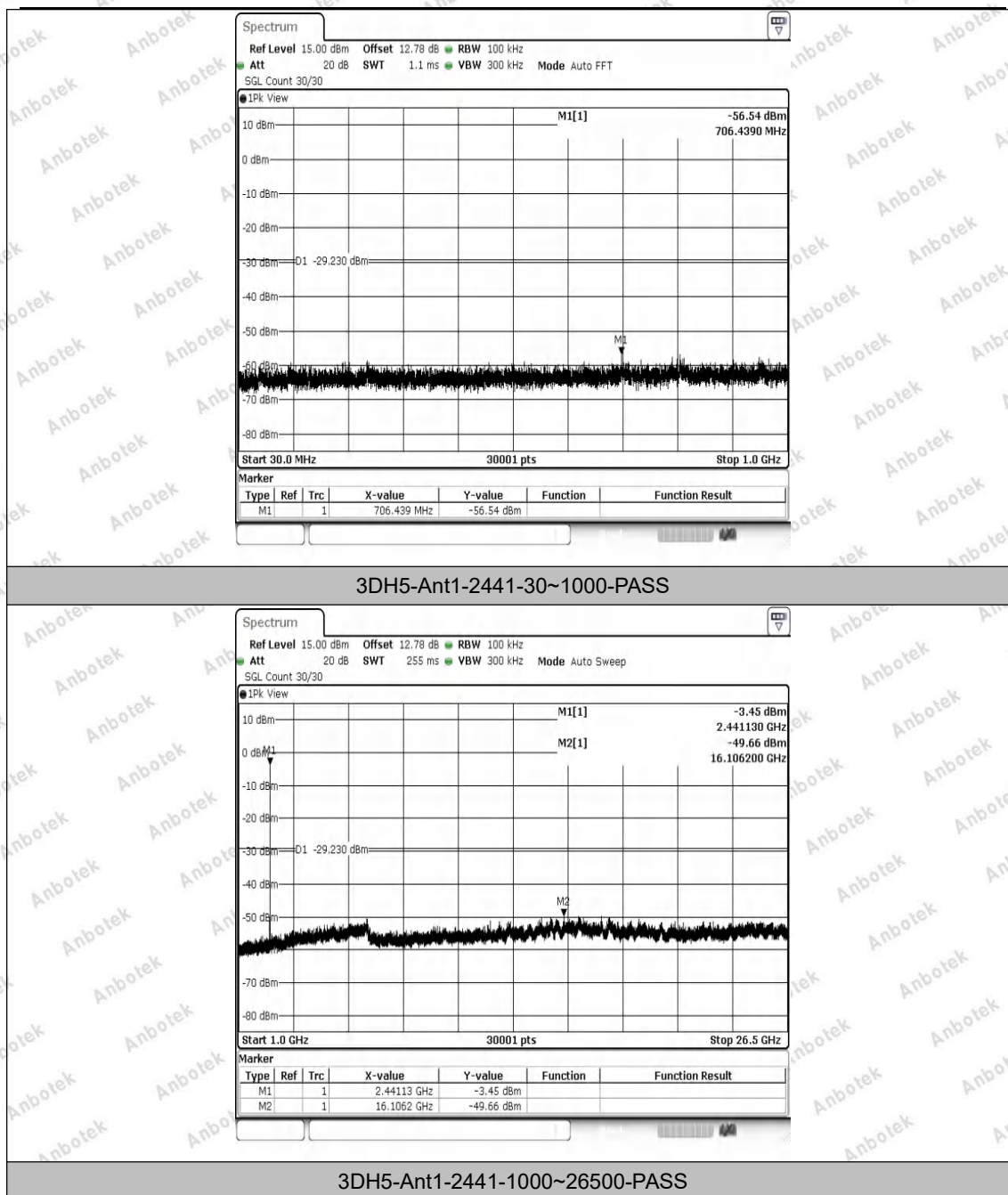


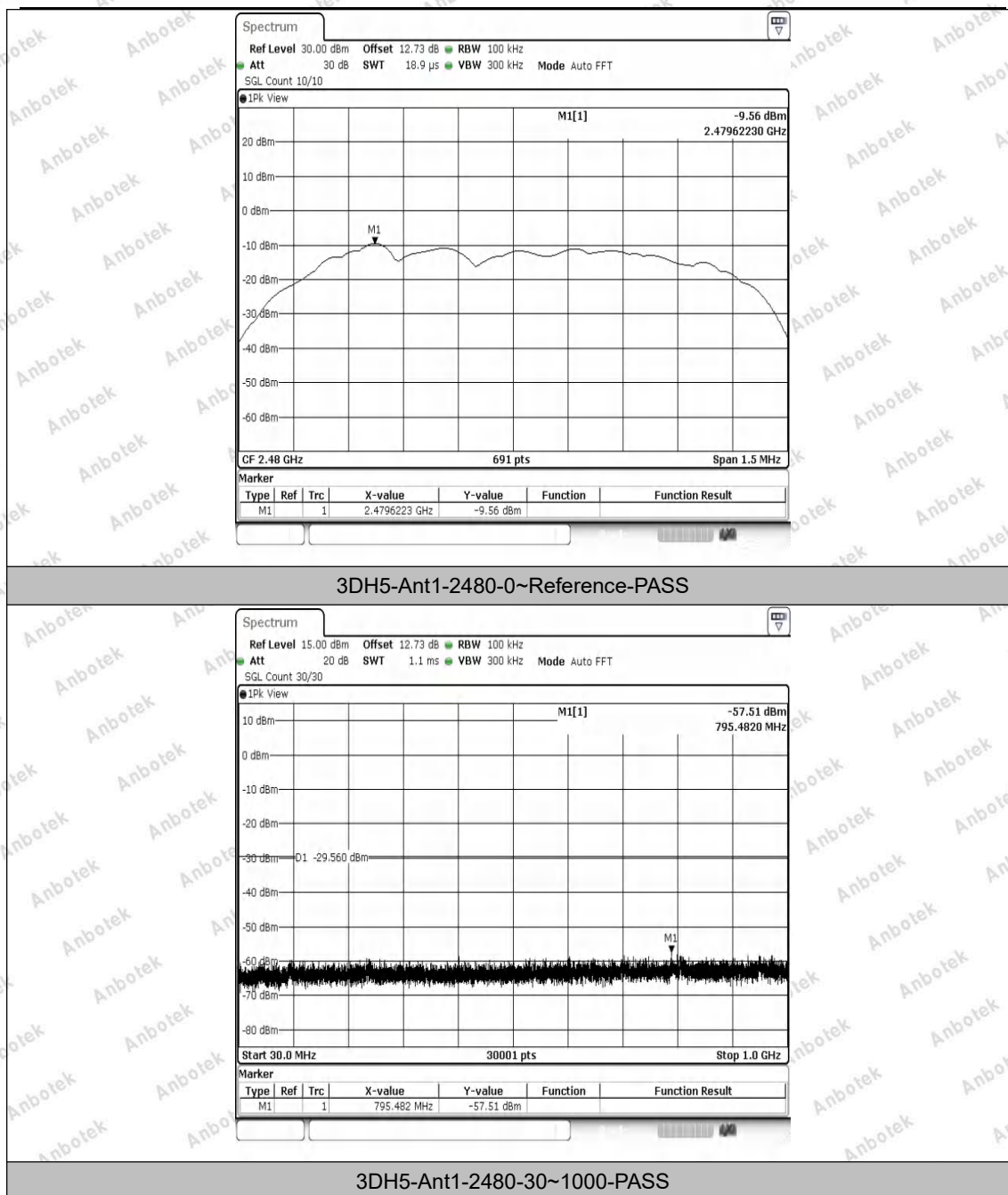
3DH5-Ant1-2402-1000~26500-PASS



3DH5-Ant1-2441-0~Reference-PASS





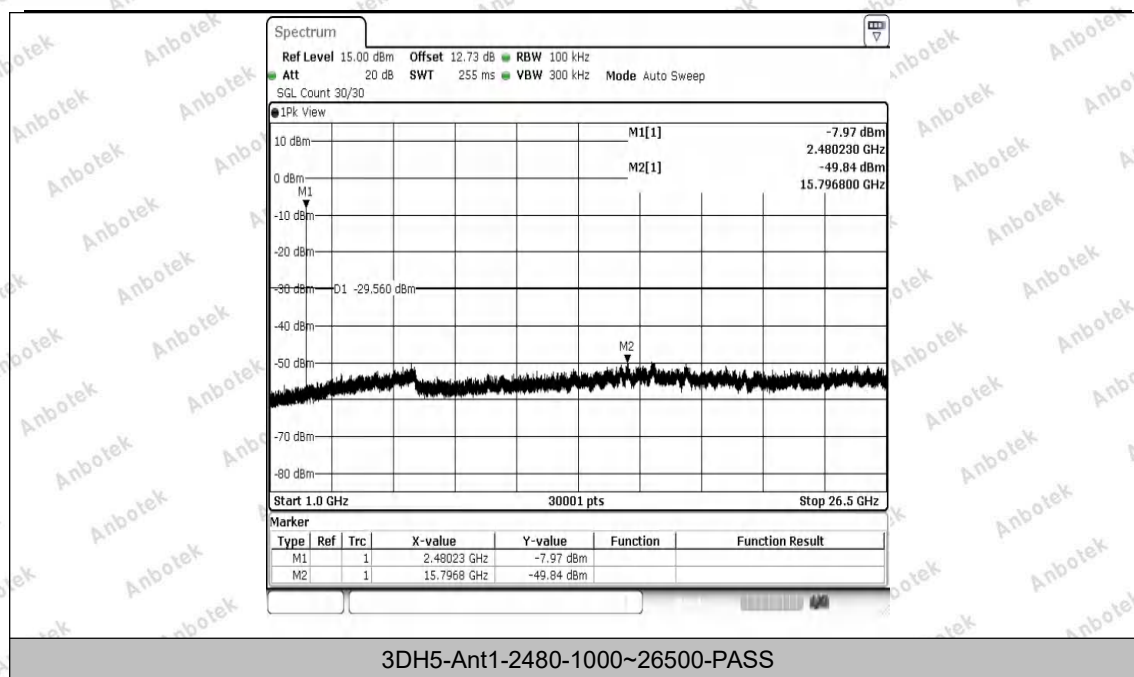
**Shenzhen Anbotek Compliance Laboratory Limited**

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



Hotline
400-003-0500
www.anbotek.com





Appendix I: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.88	3.75	76.80	1.15
DH5	Ant1	2441	2.89	3.75	77.07	1.13
DH5	Ant1	2480	2.88	3.75	76.80	1.15
2DH5	Ant1	2402	2.88	3.75	76.80	1.15
2DH5	Ant1	2441	2.89	3.76	76.86	1.14
2DH5	Ant1	2480	2.88	3.75	76.80	1.15
3DH5	Ant1	2402	2.89	3.75	77.07	1.13
3DH5	Ant1	2441	2.89	3.76	76.86	1.14
3DH5	Ant1	2480	2.89	3.76	76.86	1.14



Test Graphs

