

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		

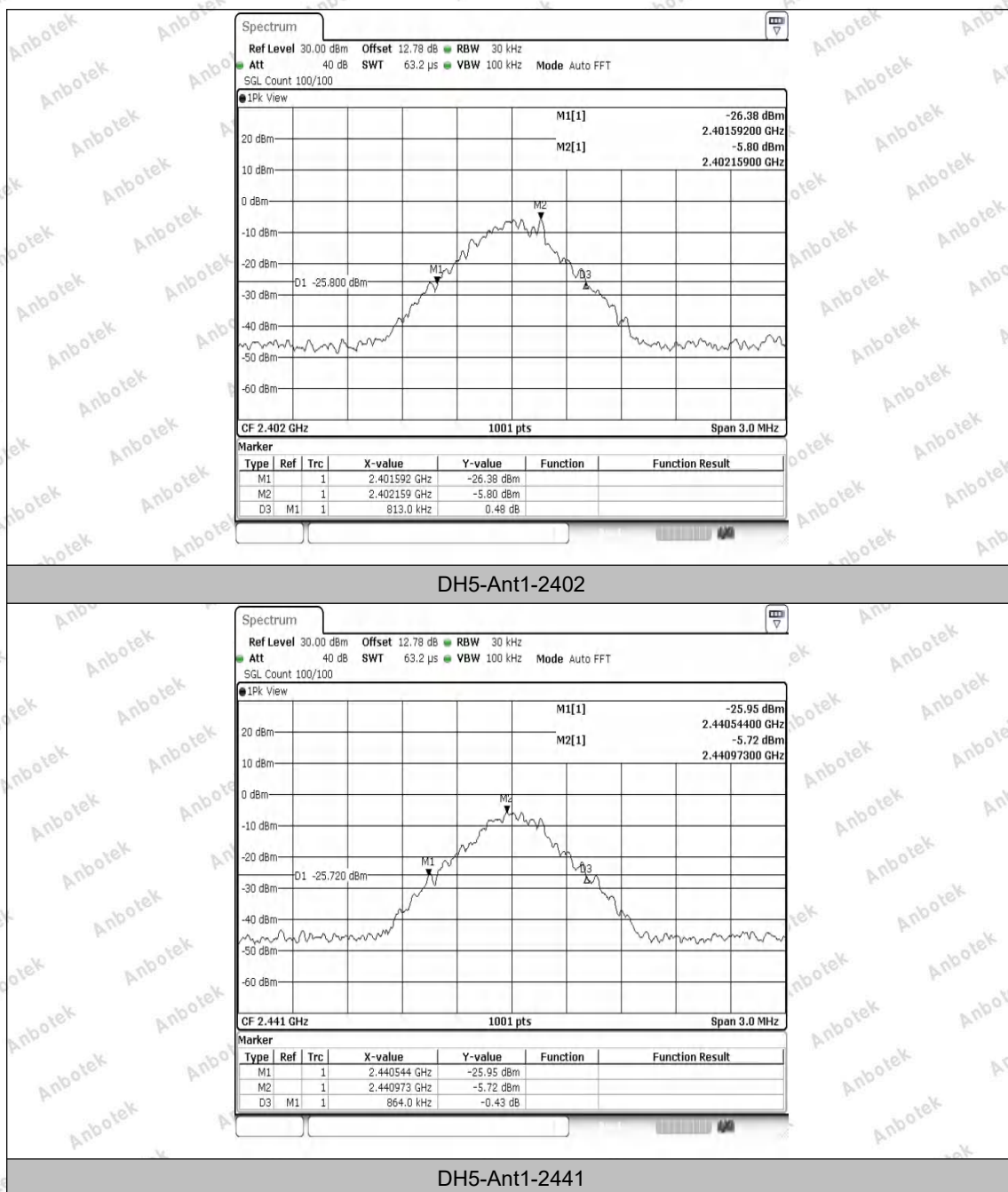
Appendix A: 20dB Emission Bandwidth

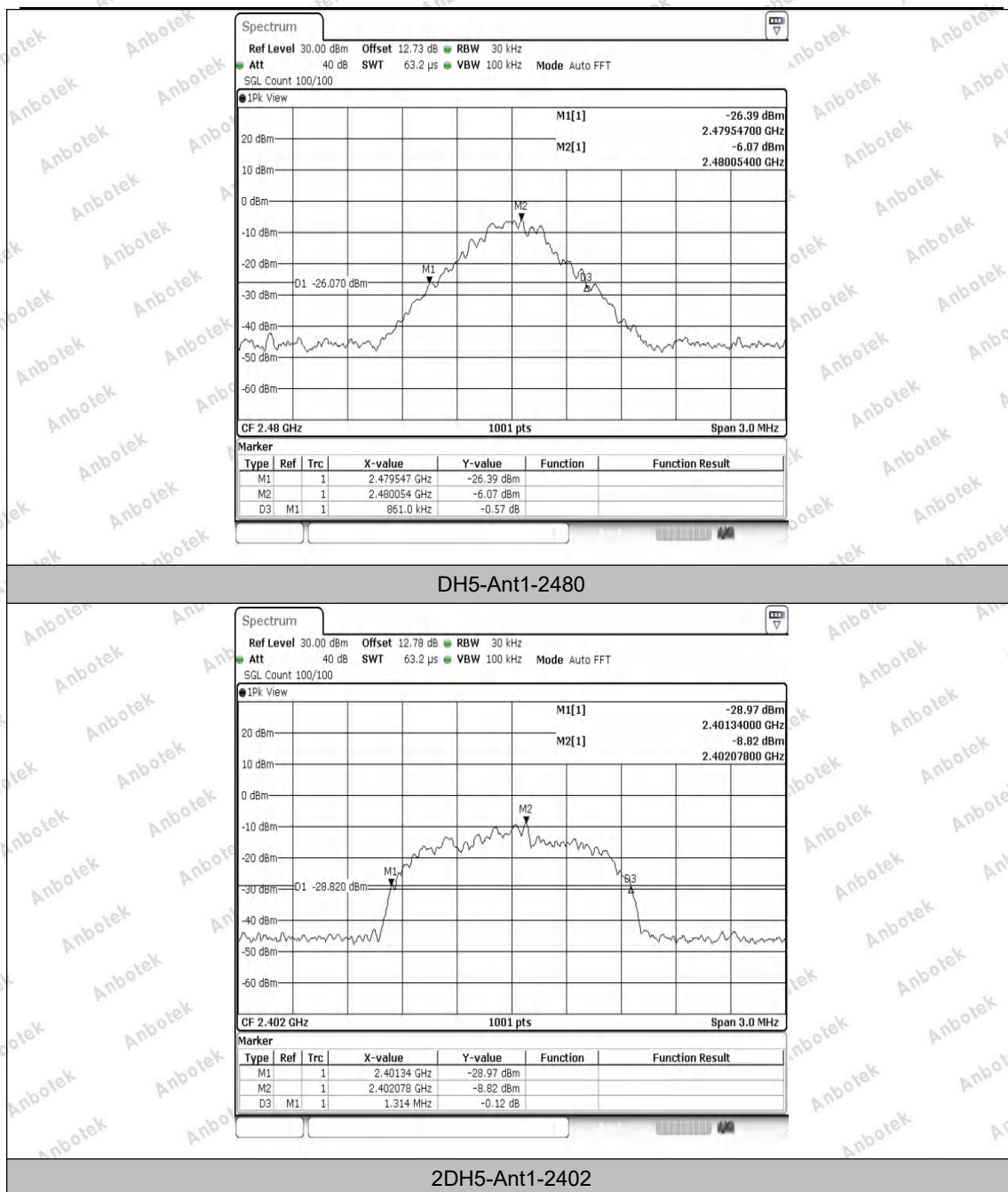
Test Result

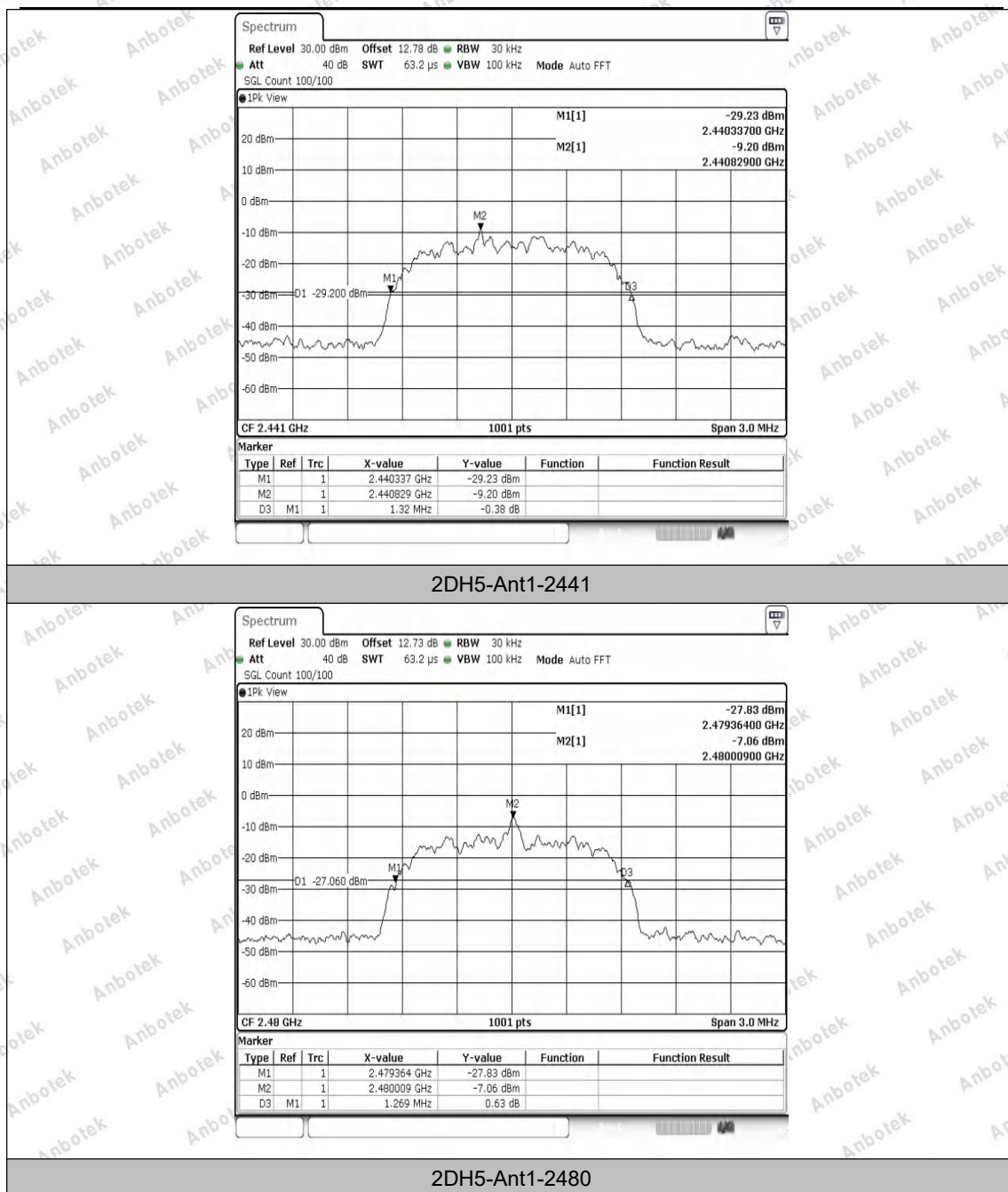
TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.81	2401.59	2402.41	---	---
DH5	Ant1	2441	0.86	2440.54	2441.41	---	---
DH5	Ant1	2480	0.86	2479.55	2480.41	---	---
2DH5	Ant1	2402	1.31	2401.34	2402.65	---	---
2DH5	Ant1	2441	1.32	2440.34	2441.66	---	---
2DH5	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	---	---

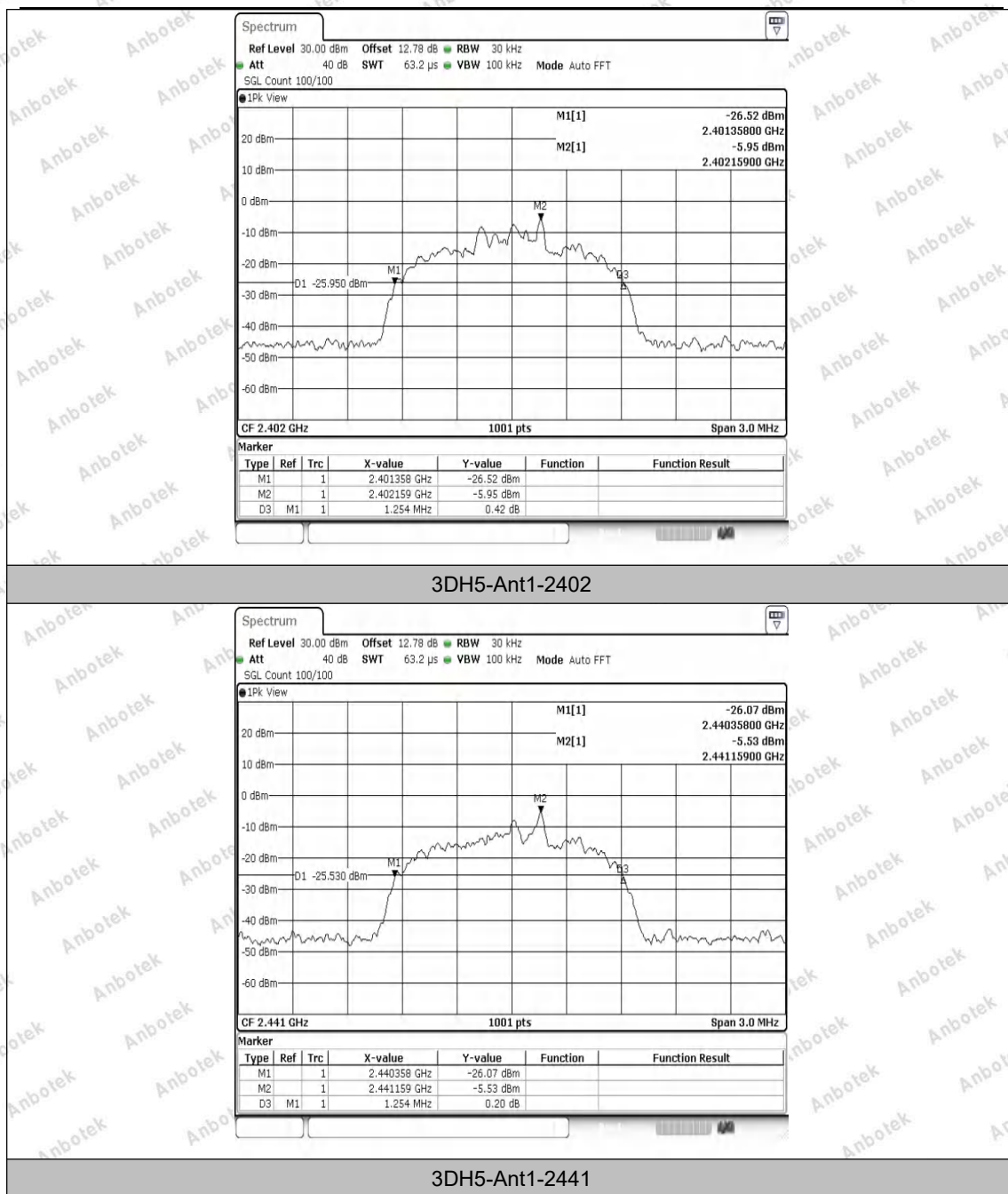


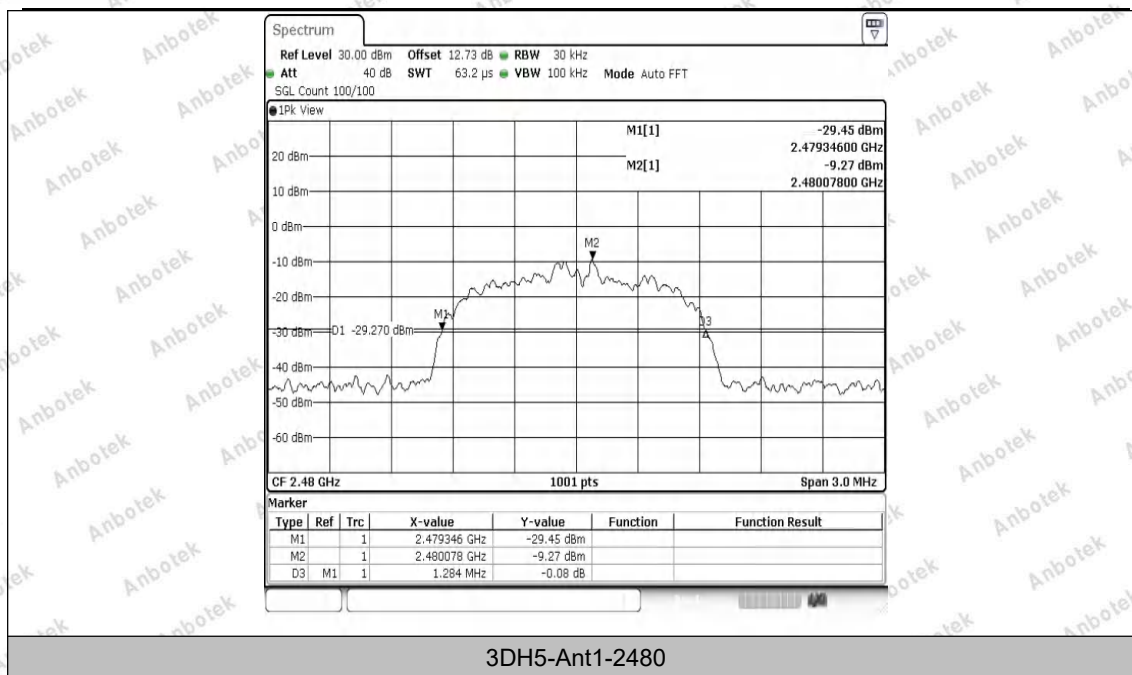
Test Graphs











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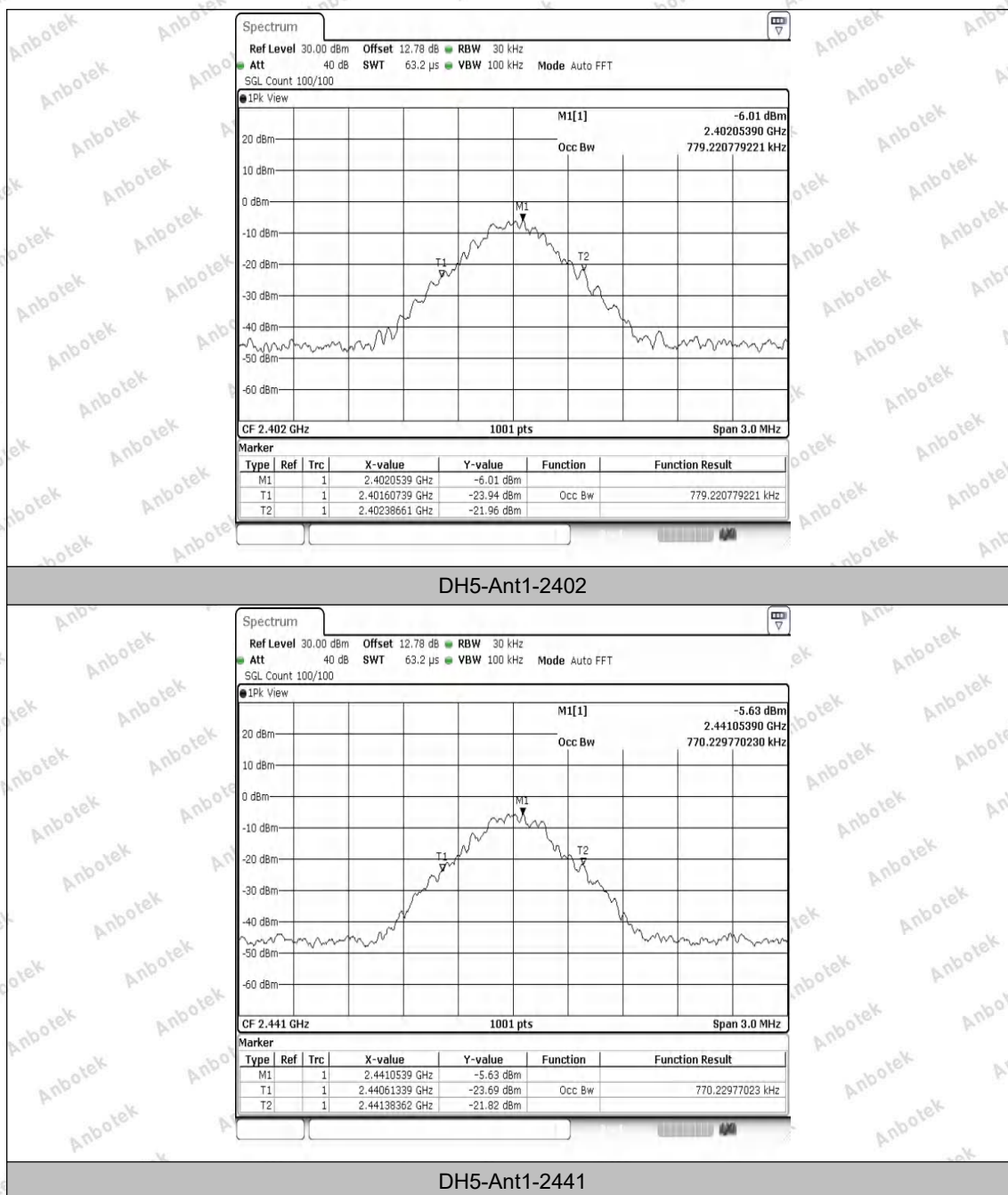
Appendix B: Occupied Channel Bandwidth

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



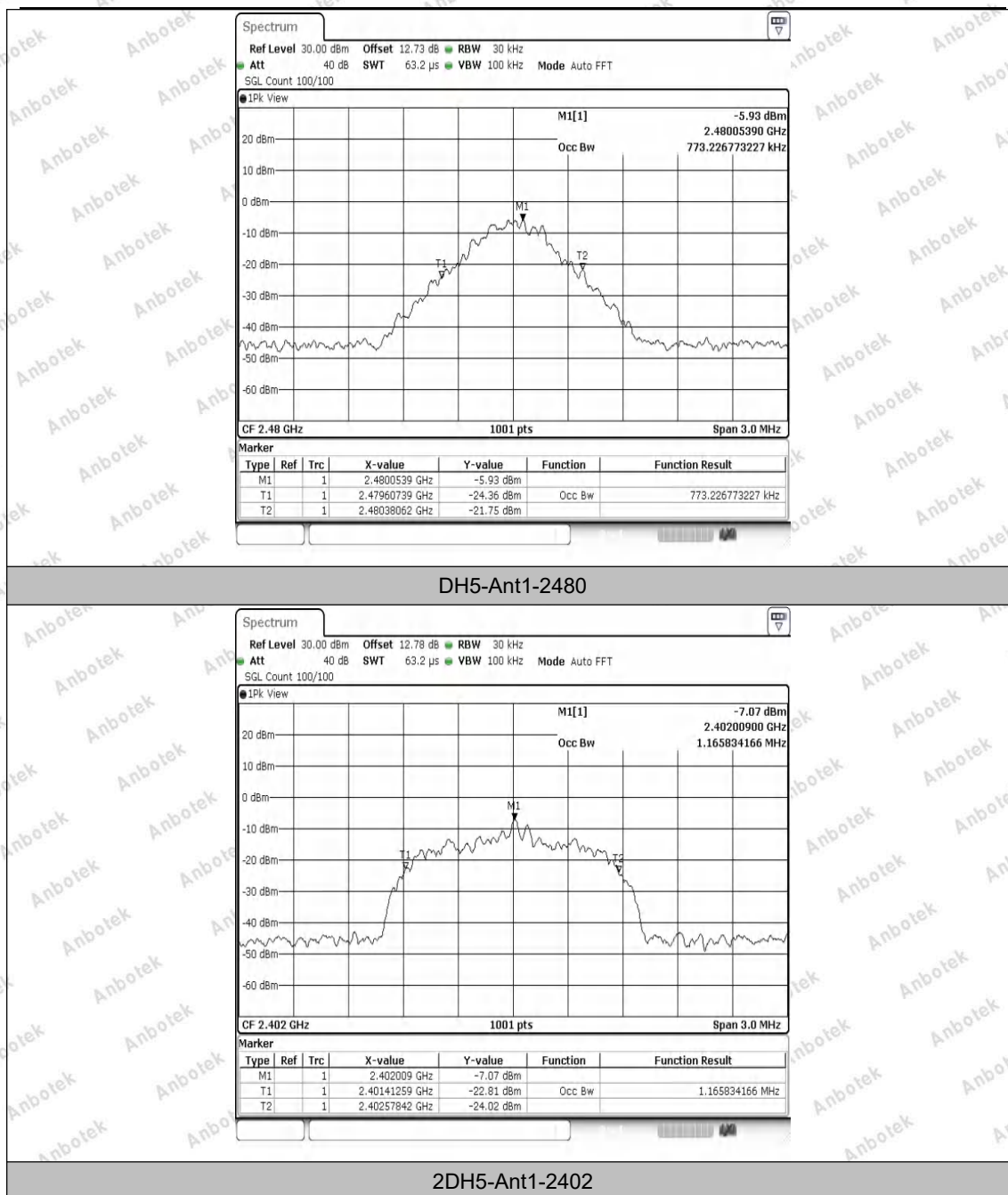
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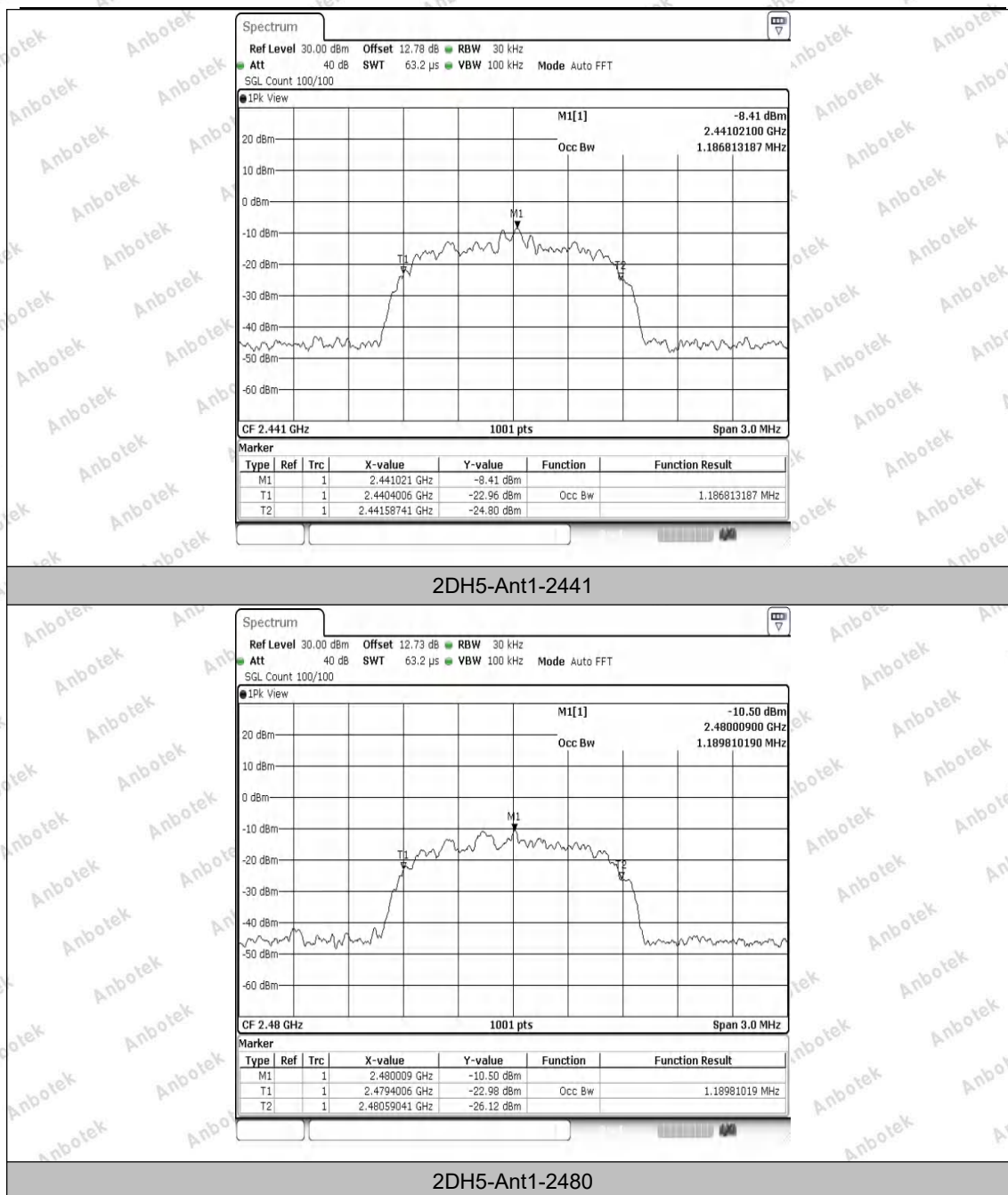
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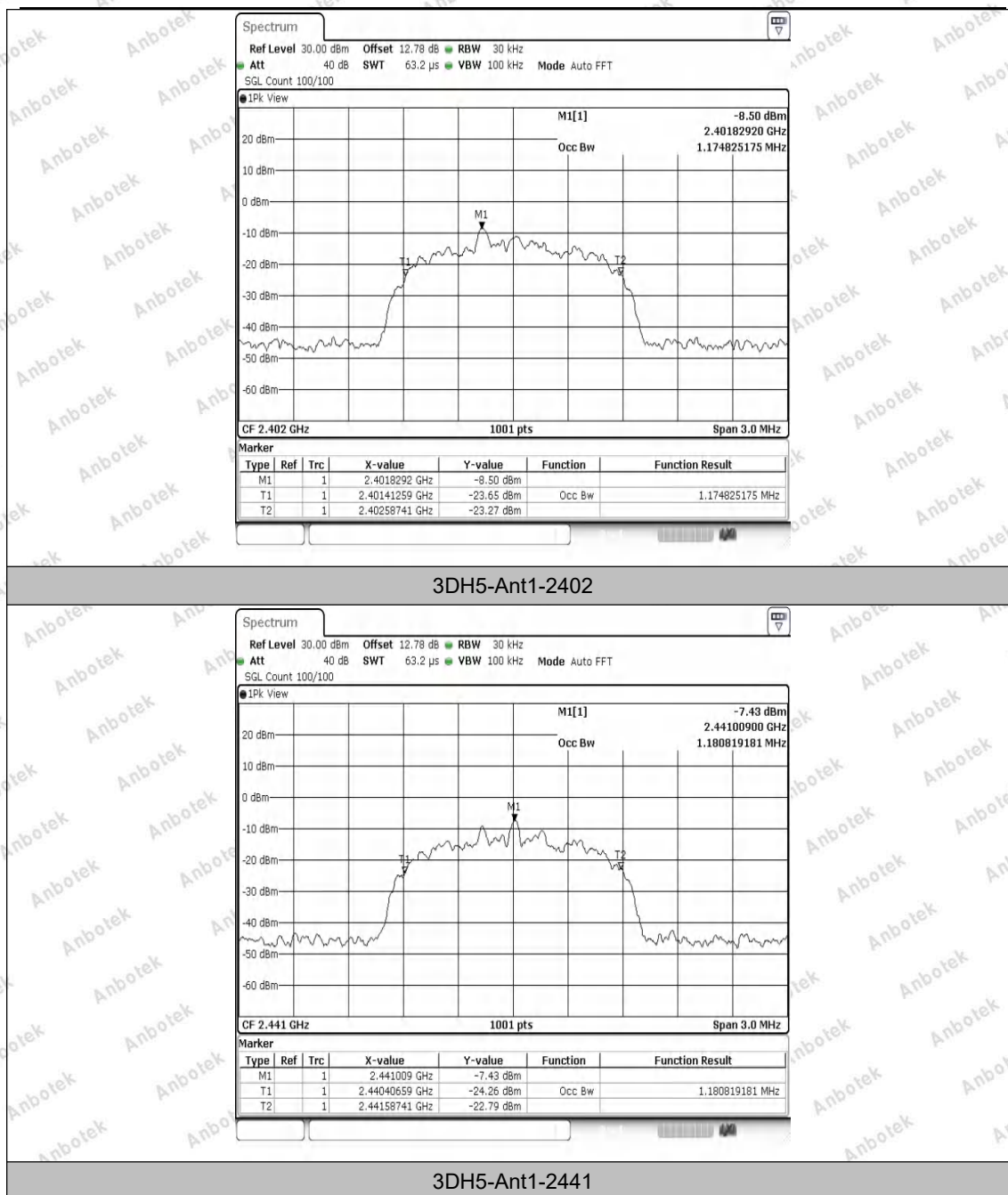


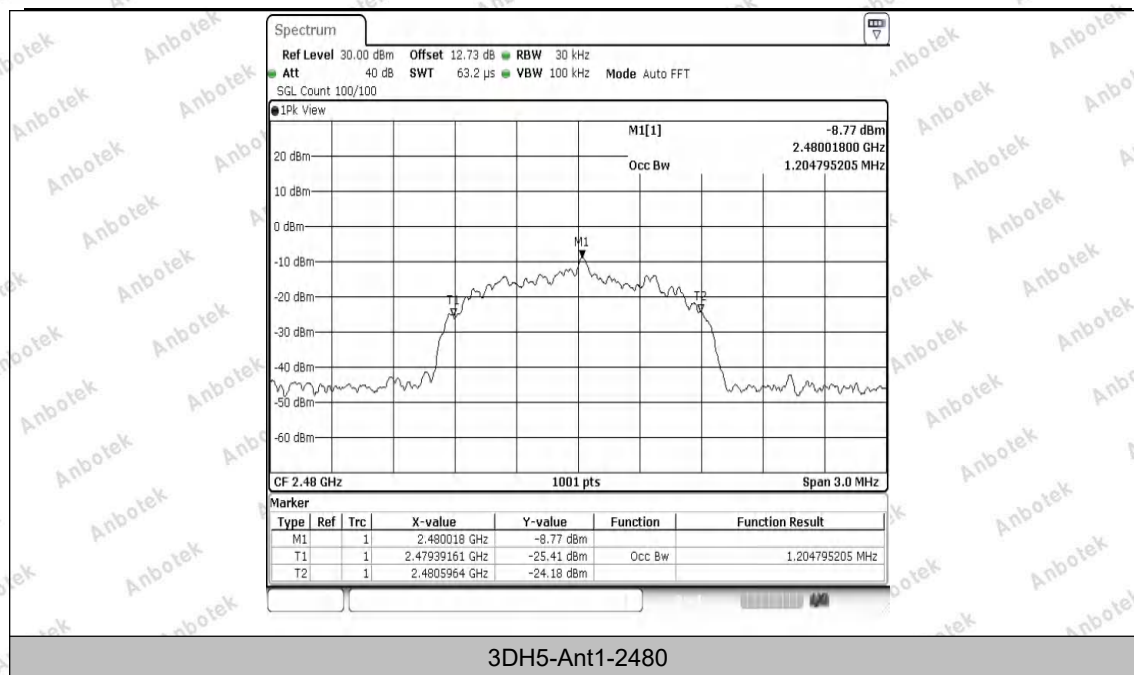
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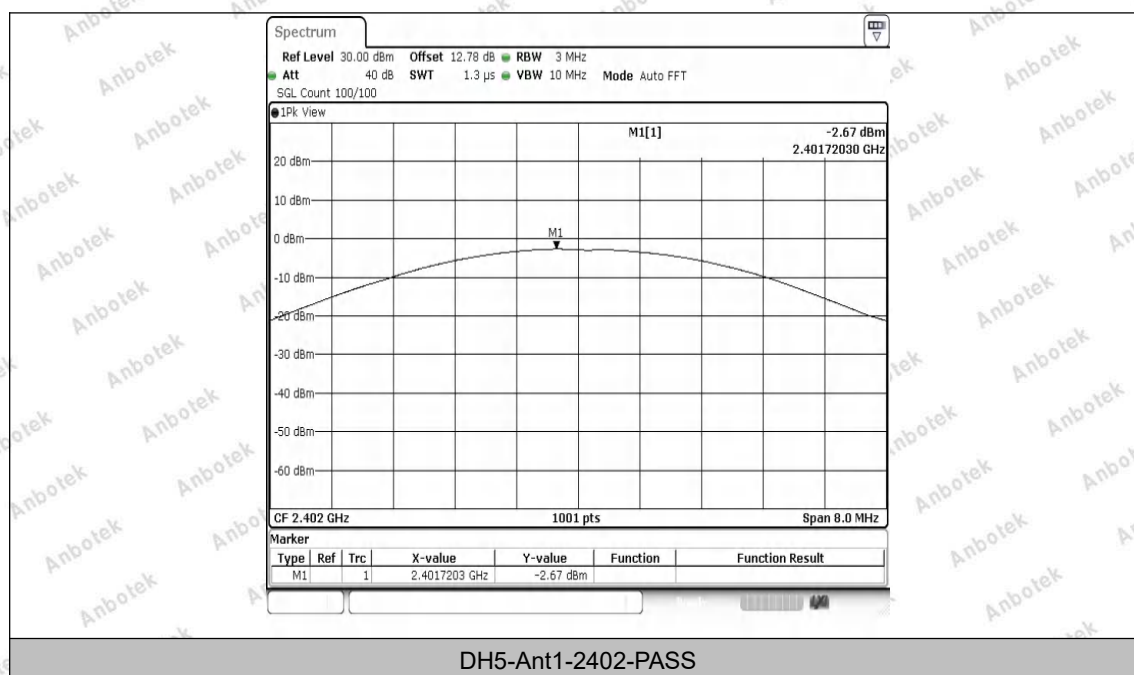


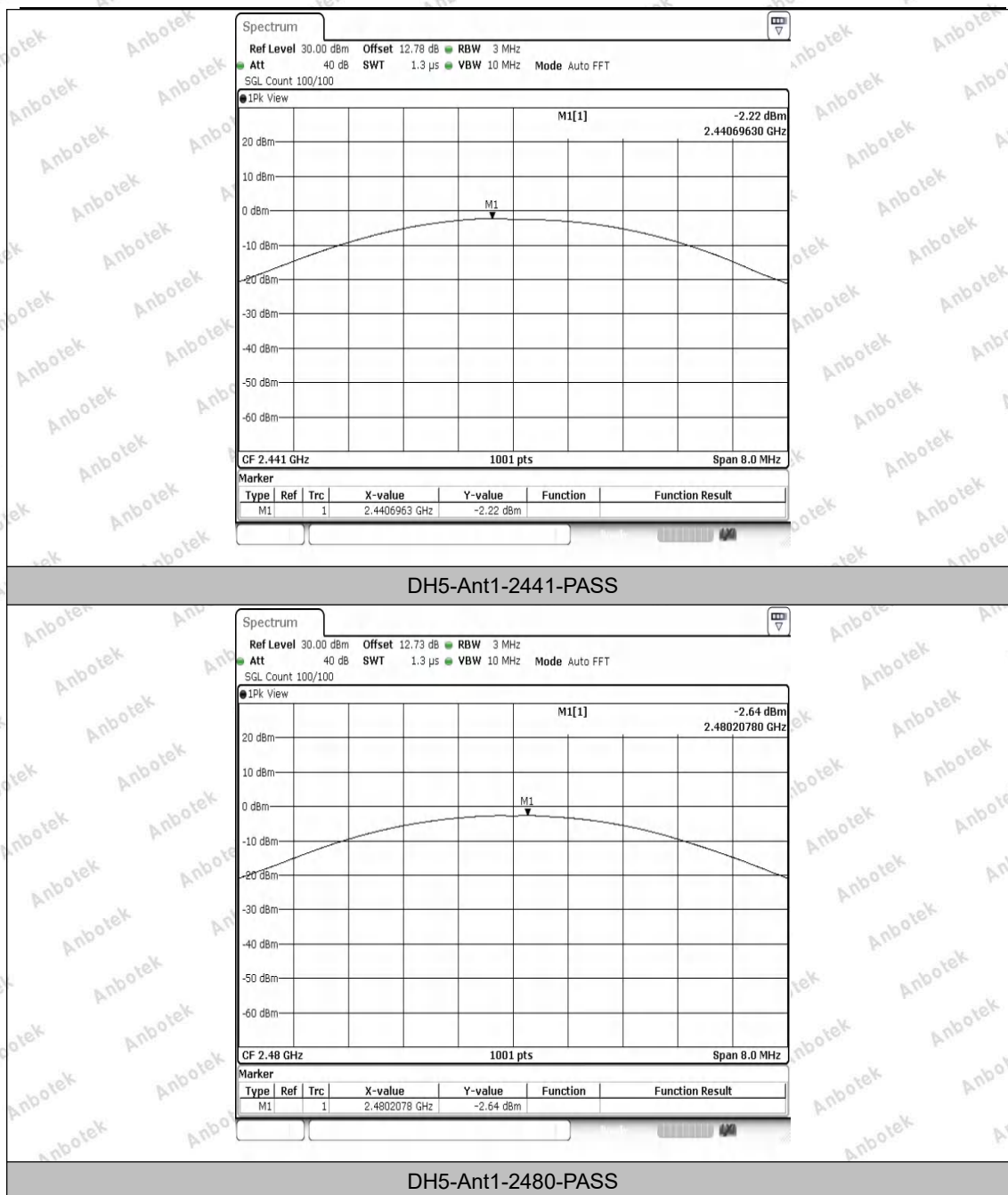
Appendix C: Maximum conducted output power

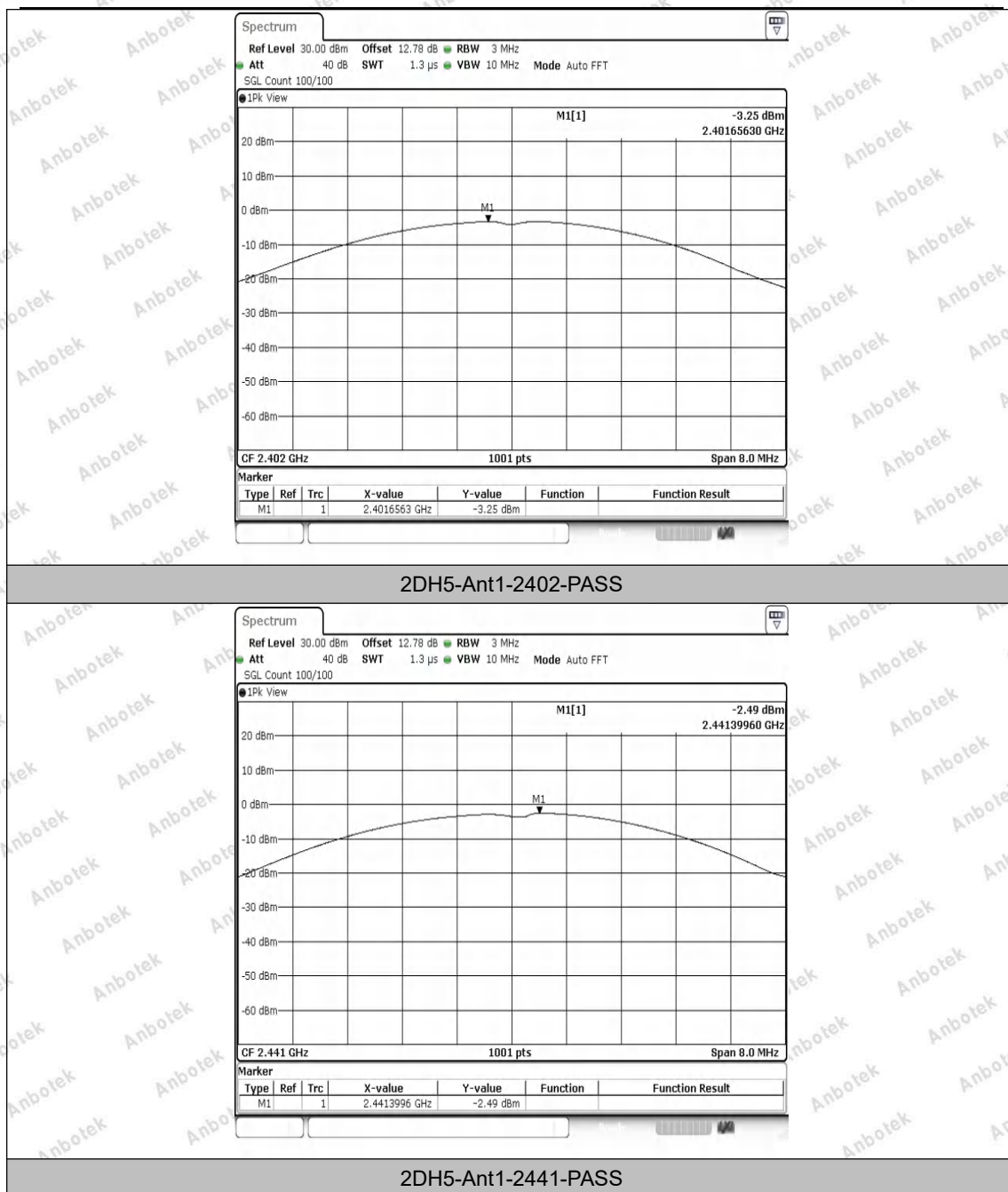
Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
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







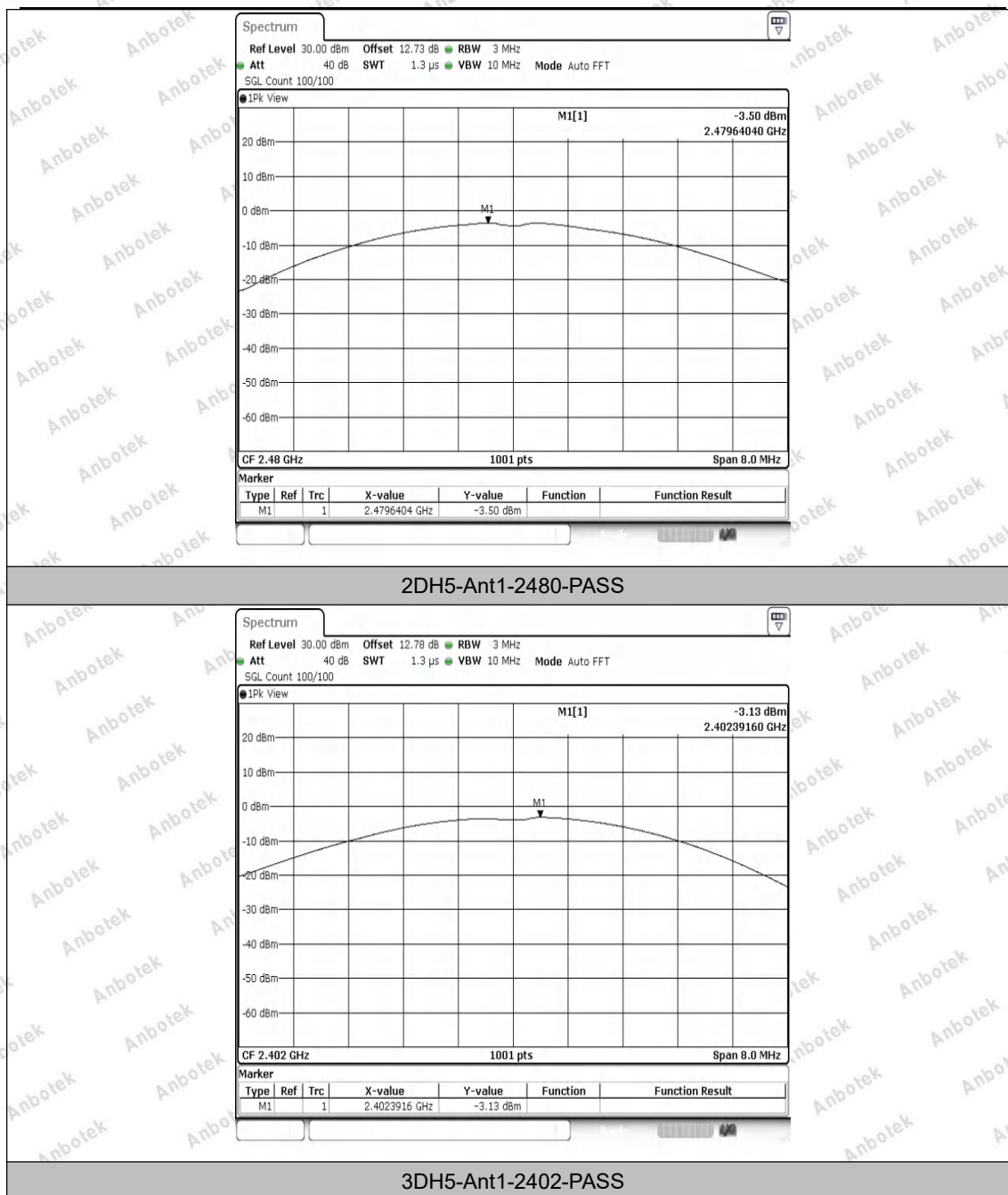
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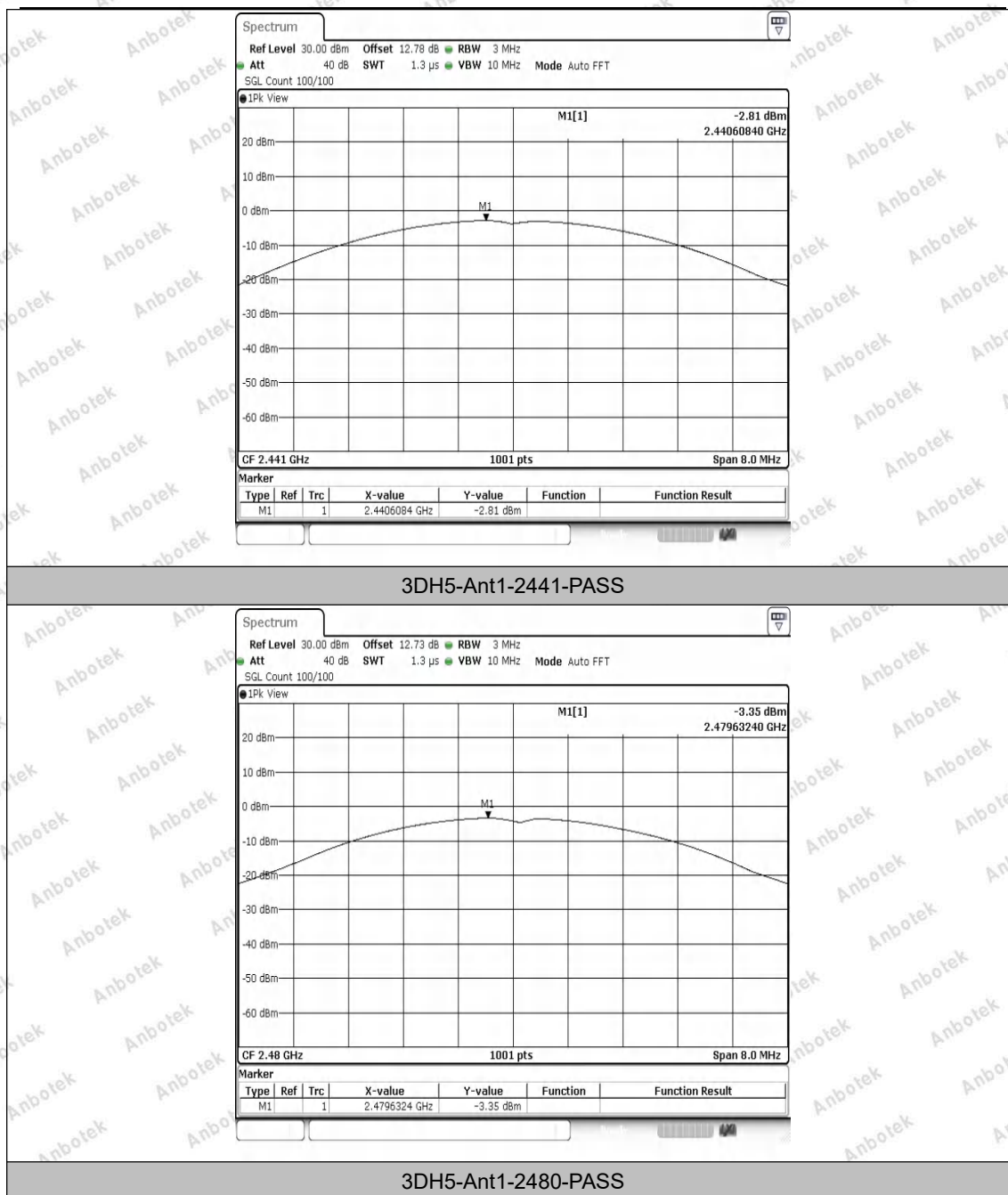
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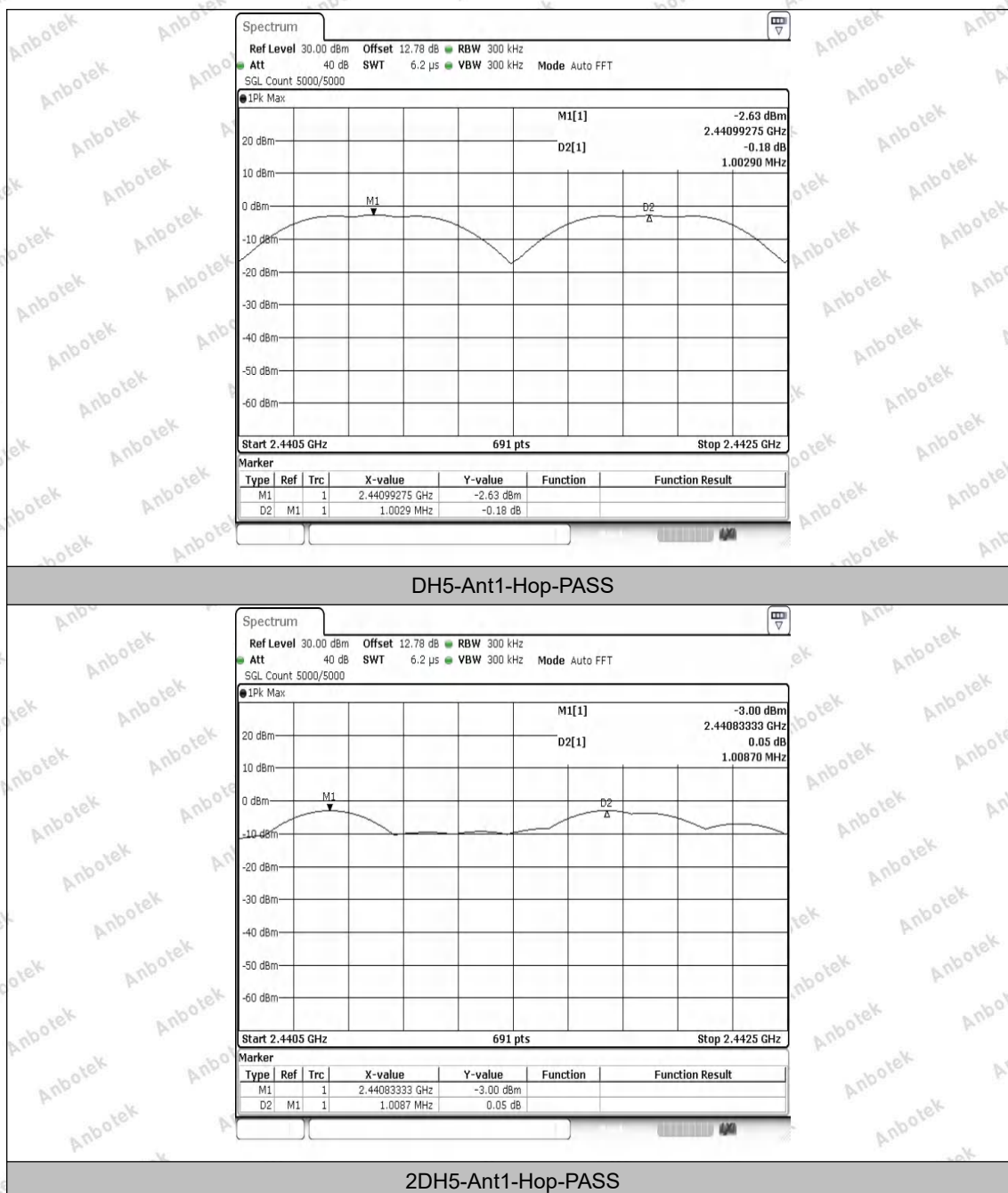
Appendix D: Carrier frequency separation

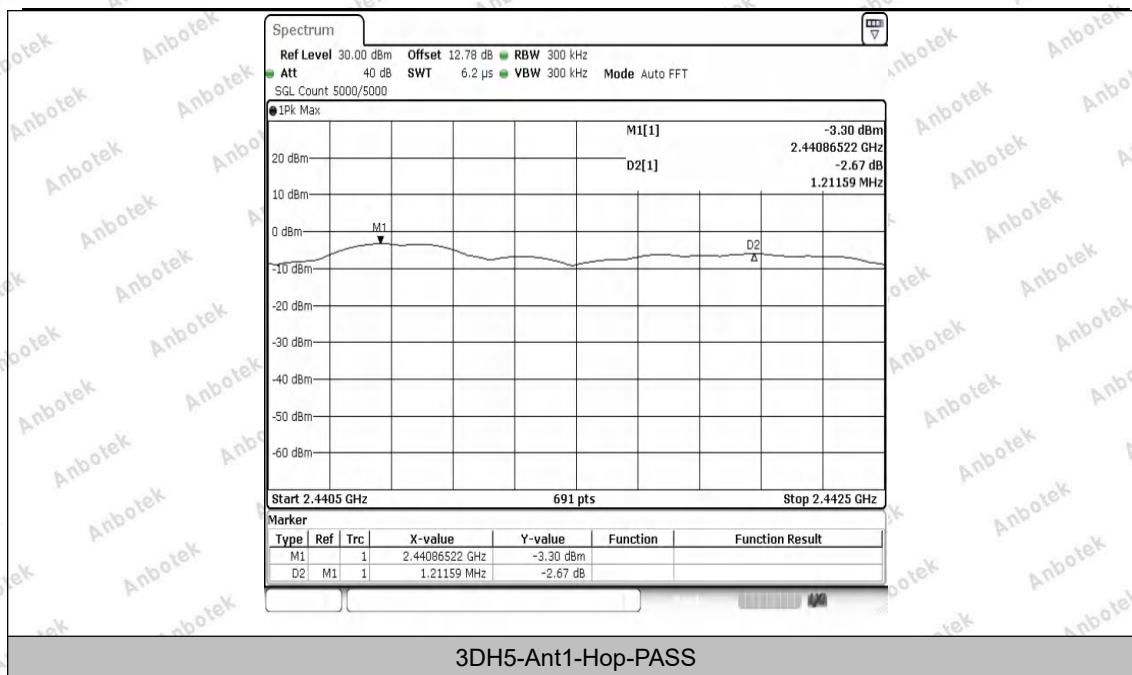
Test Result

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





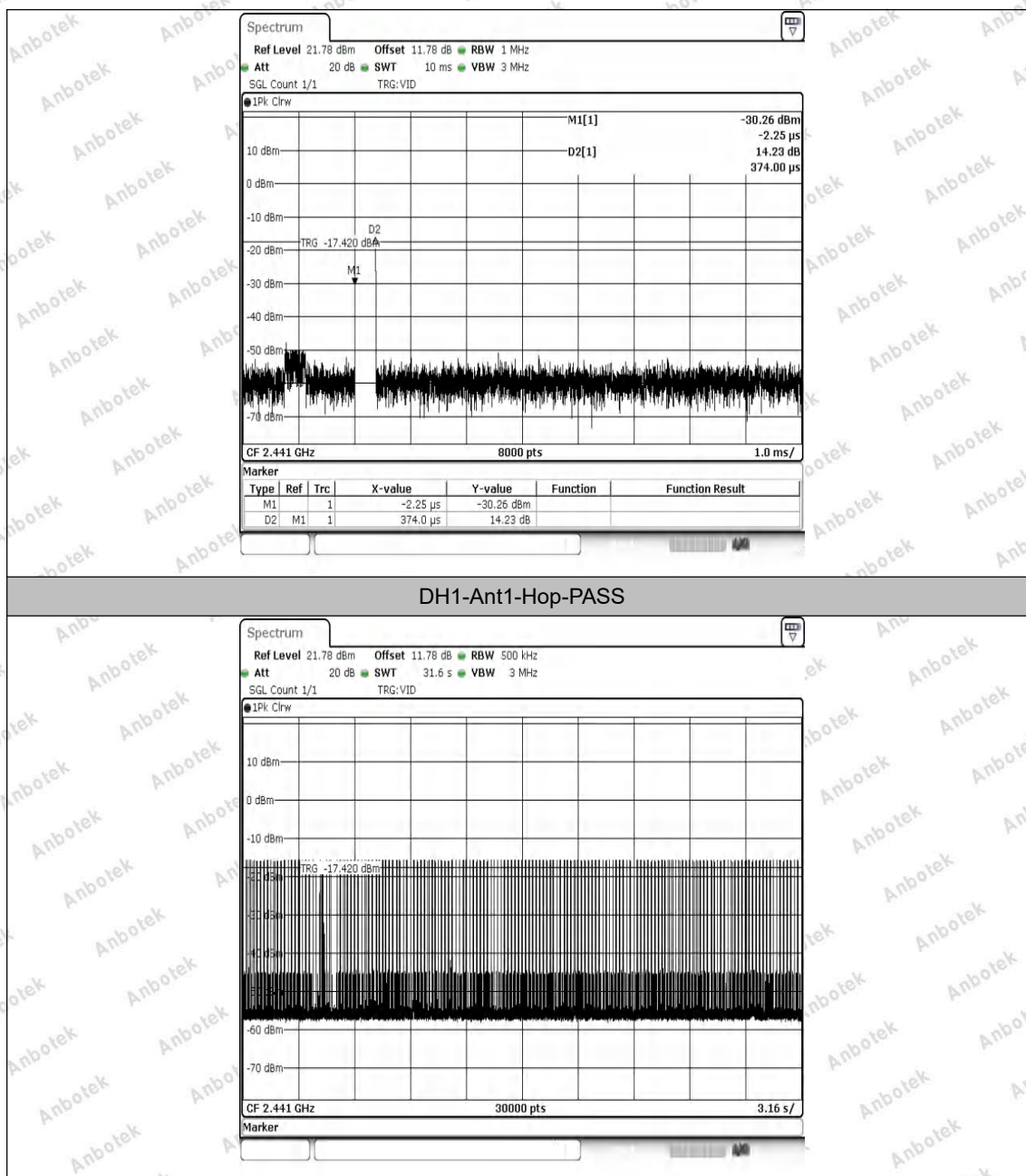
Appendix E: Time of occupancy

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



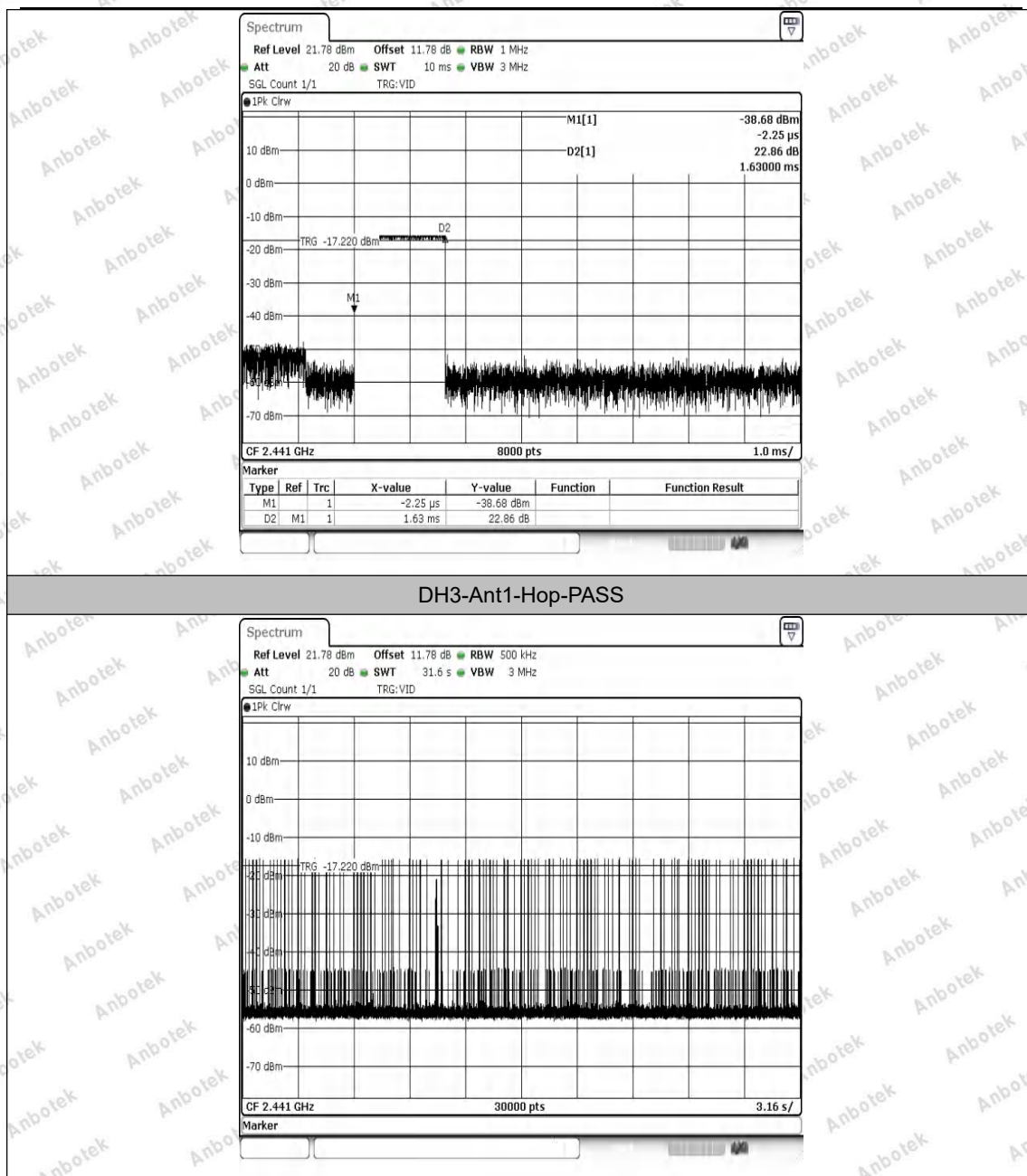
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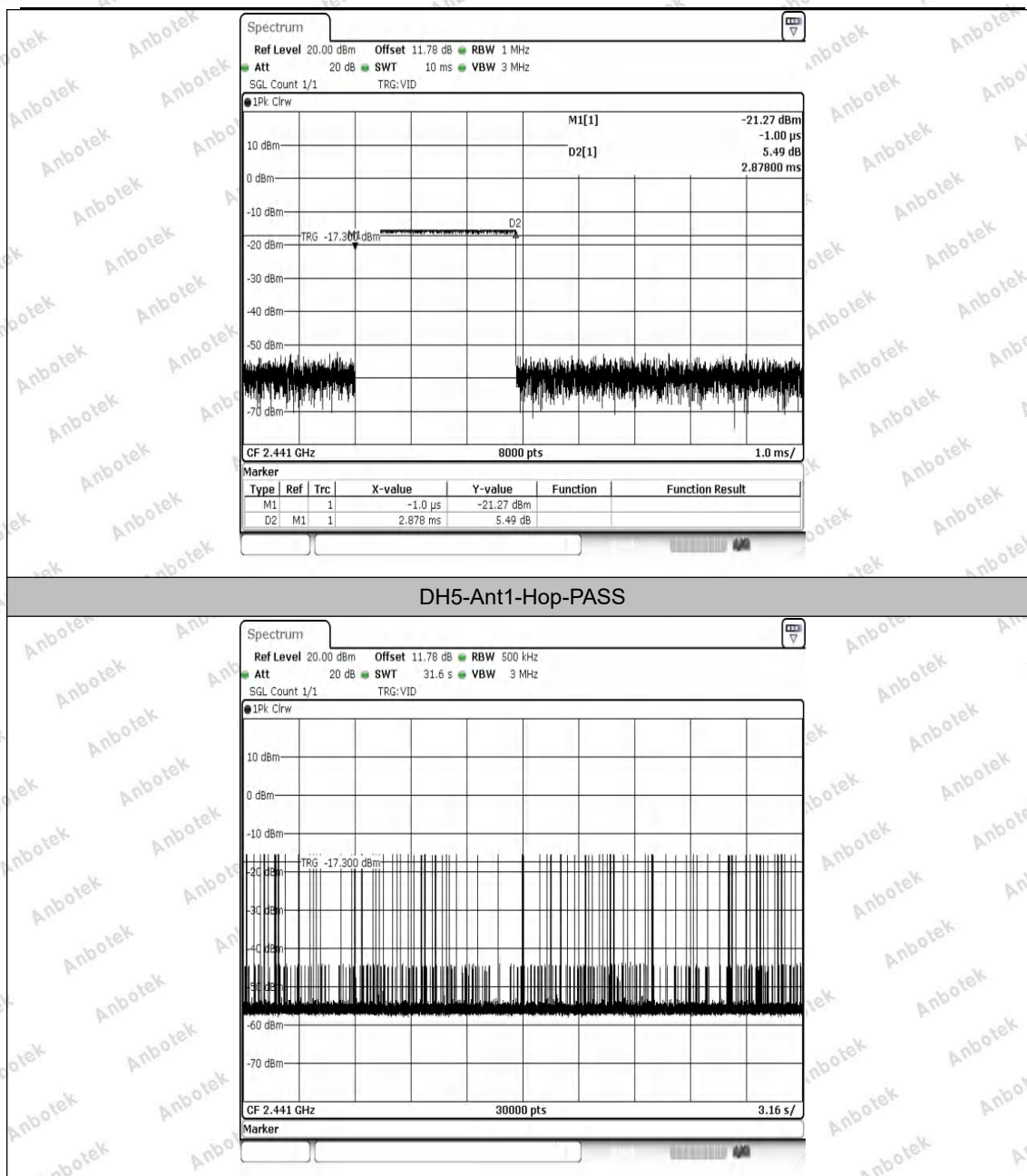
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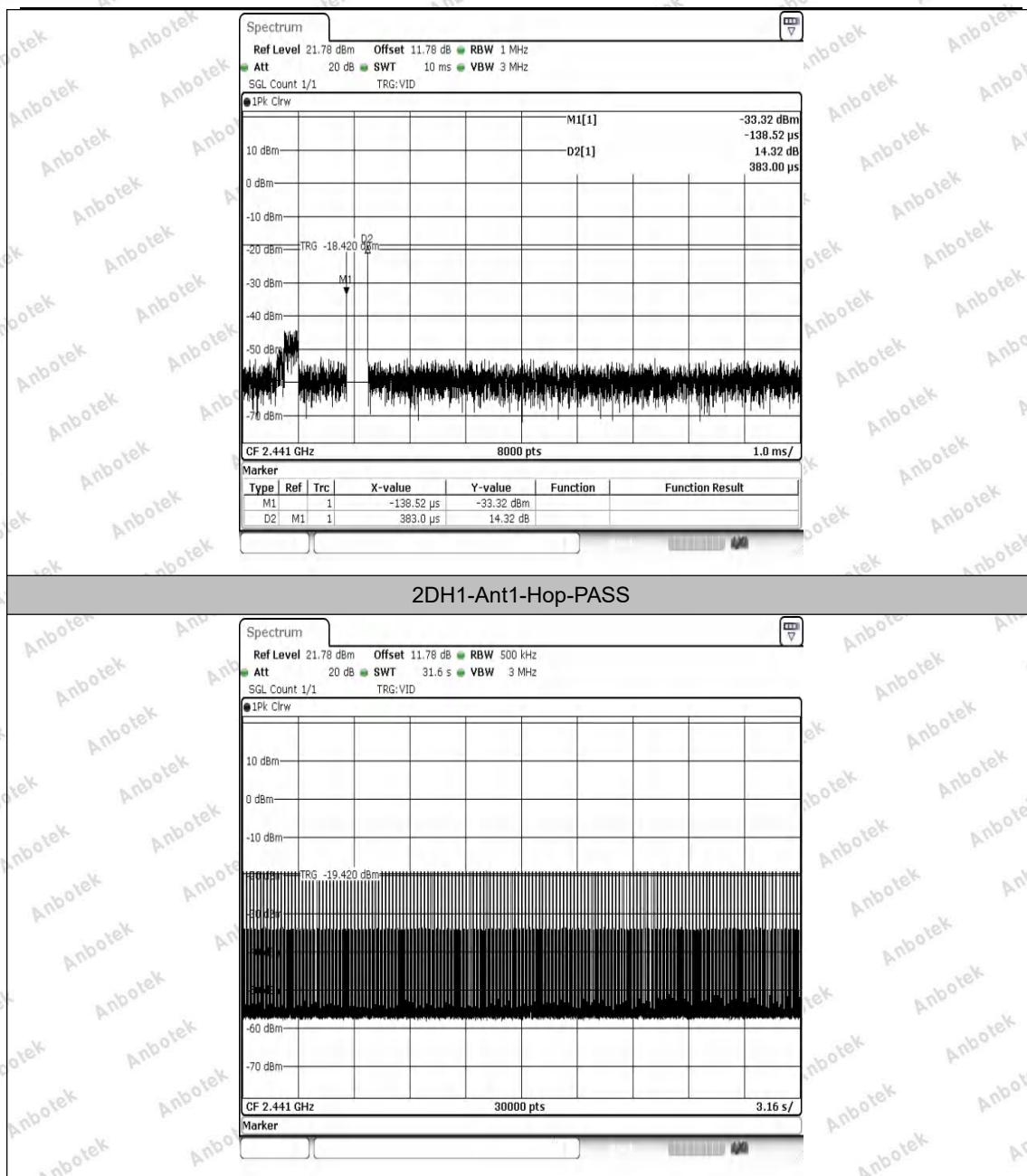


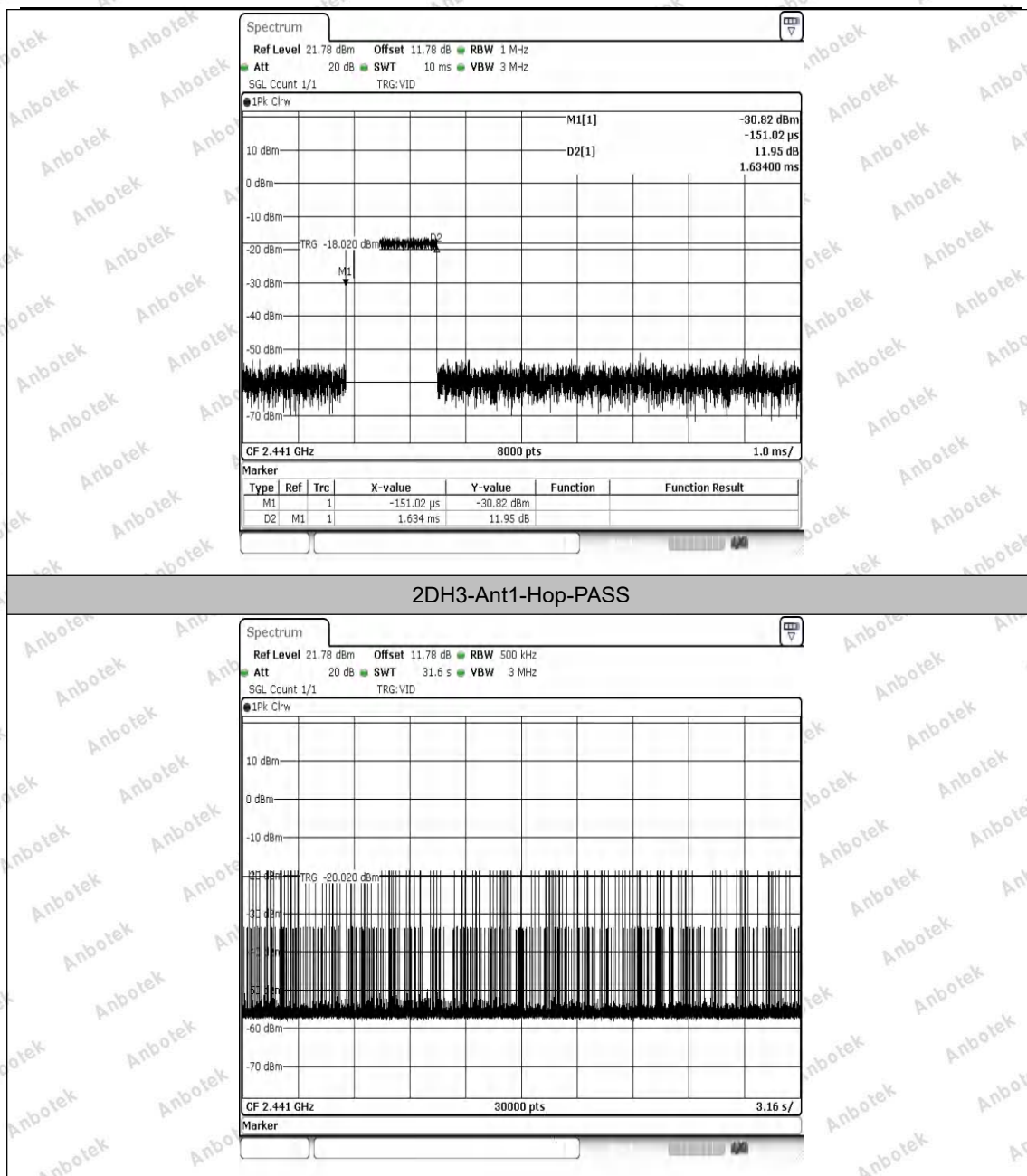
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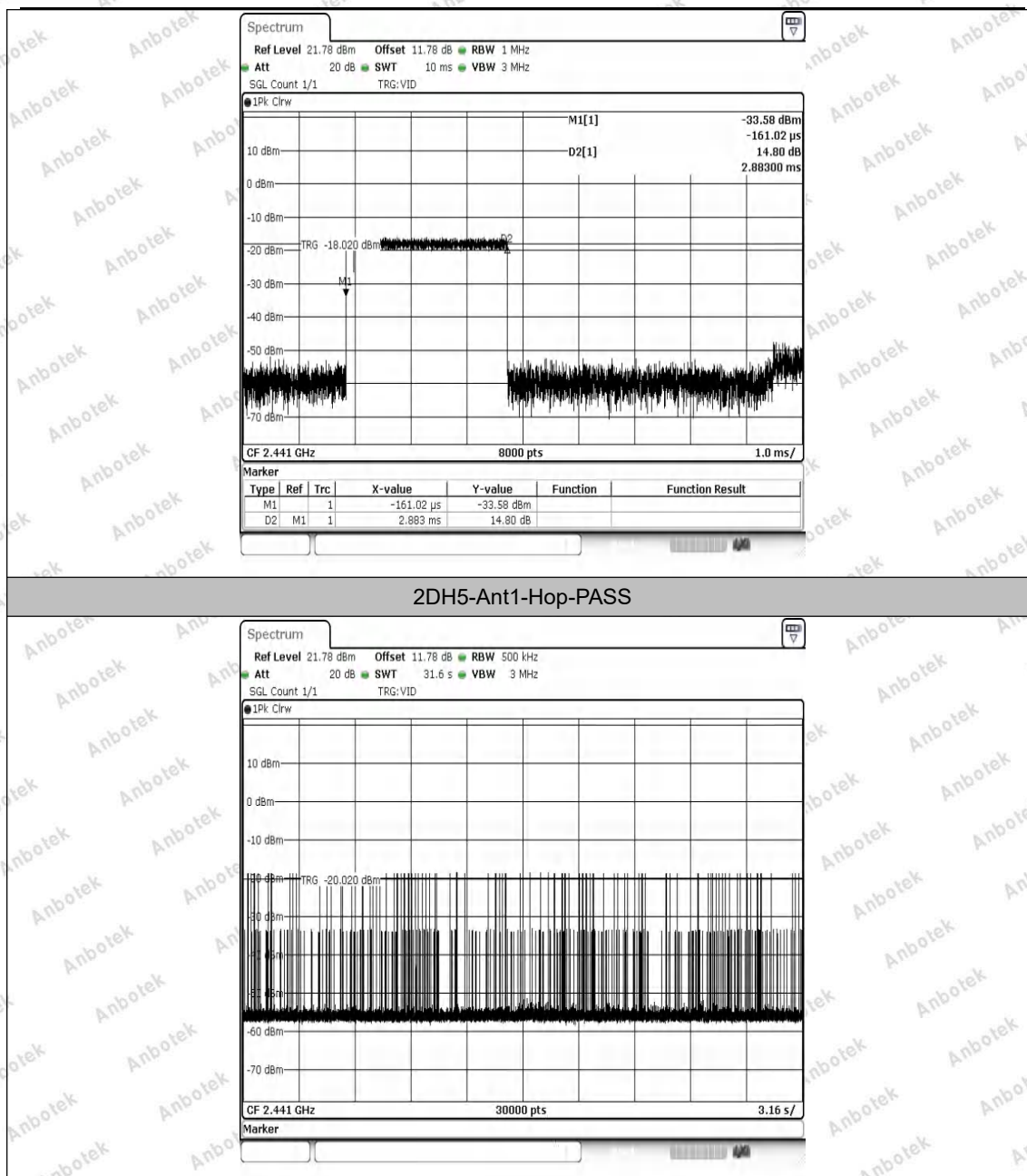


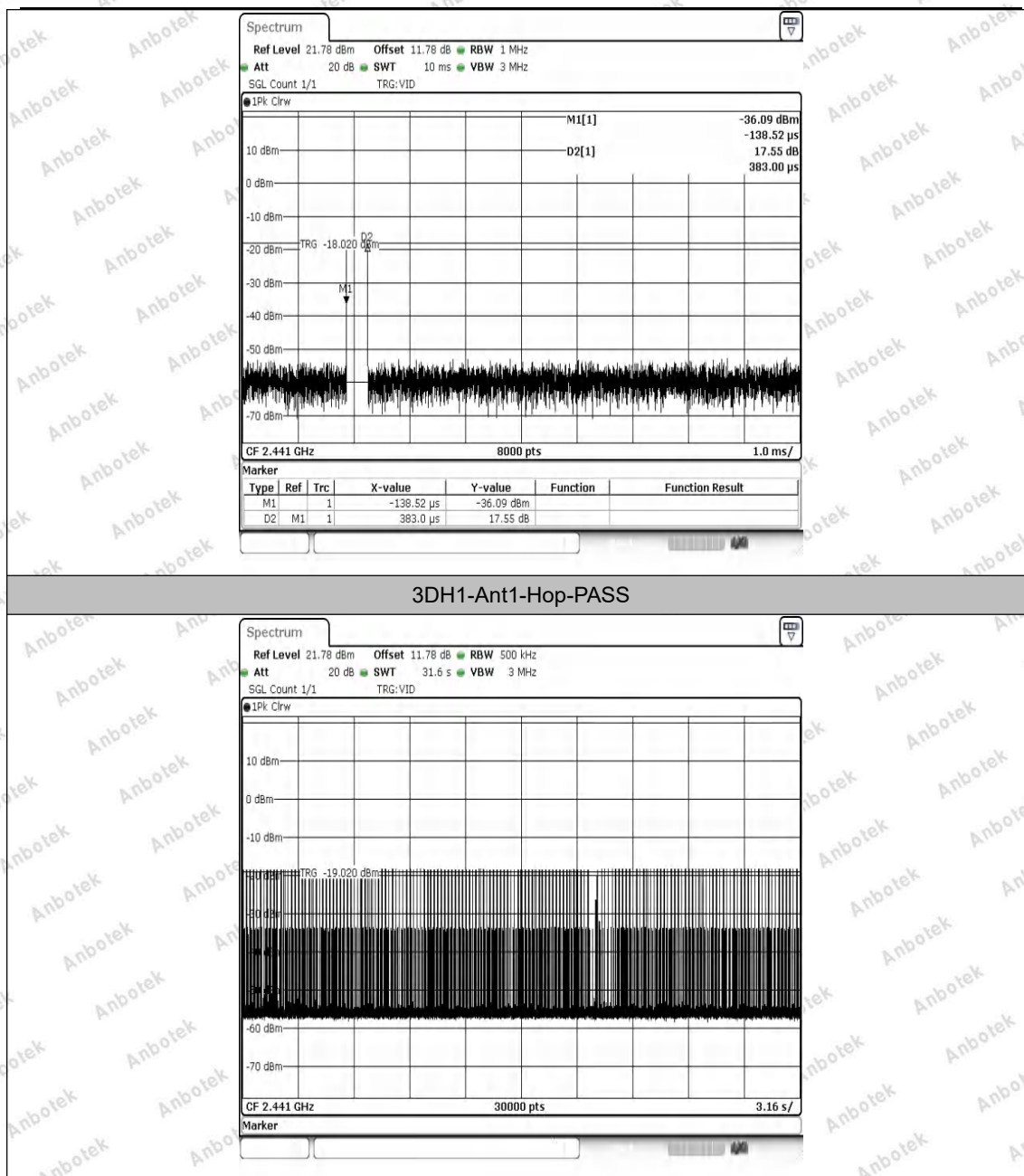


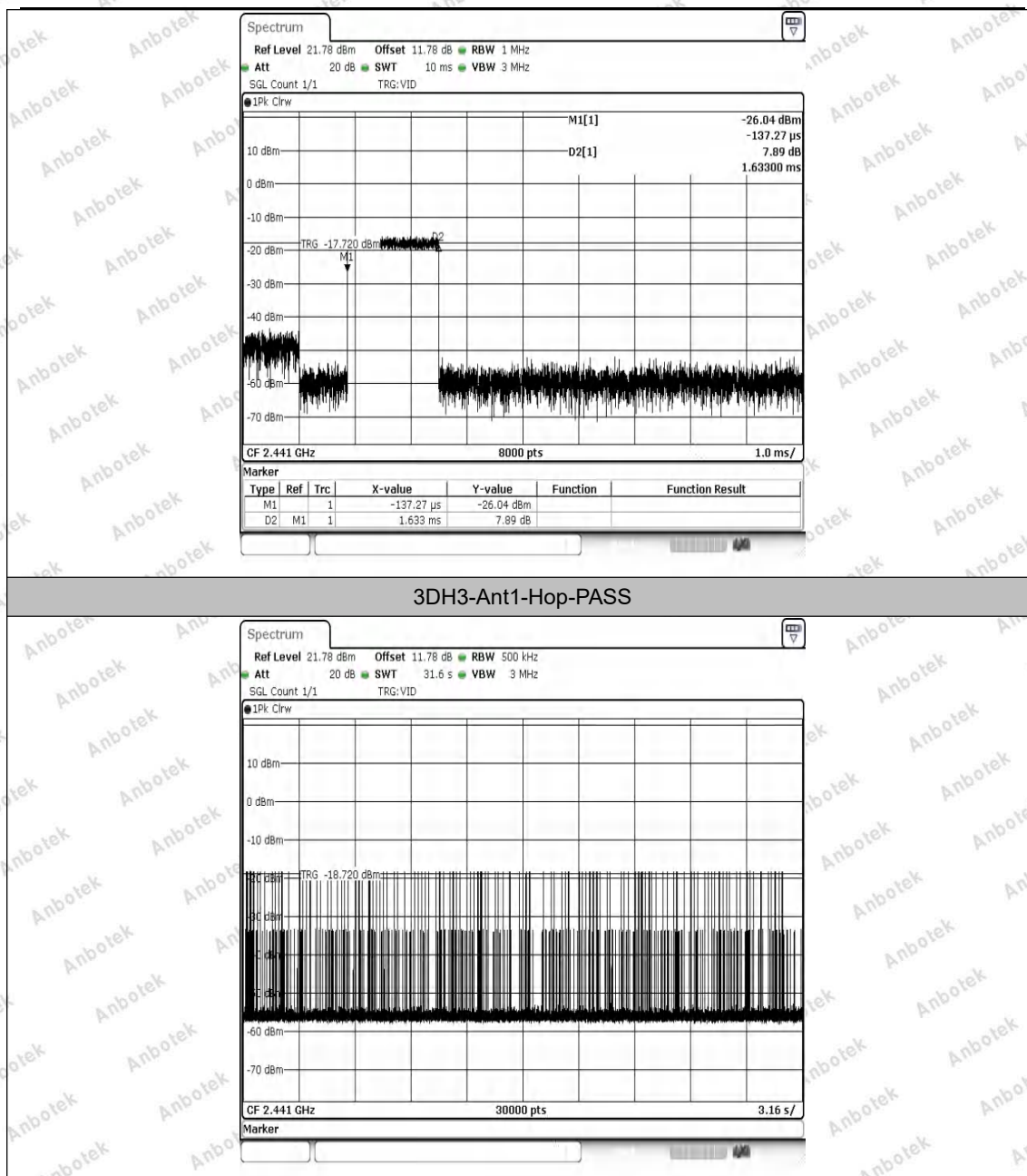


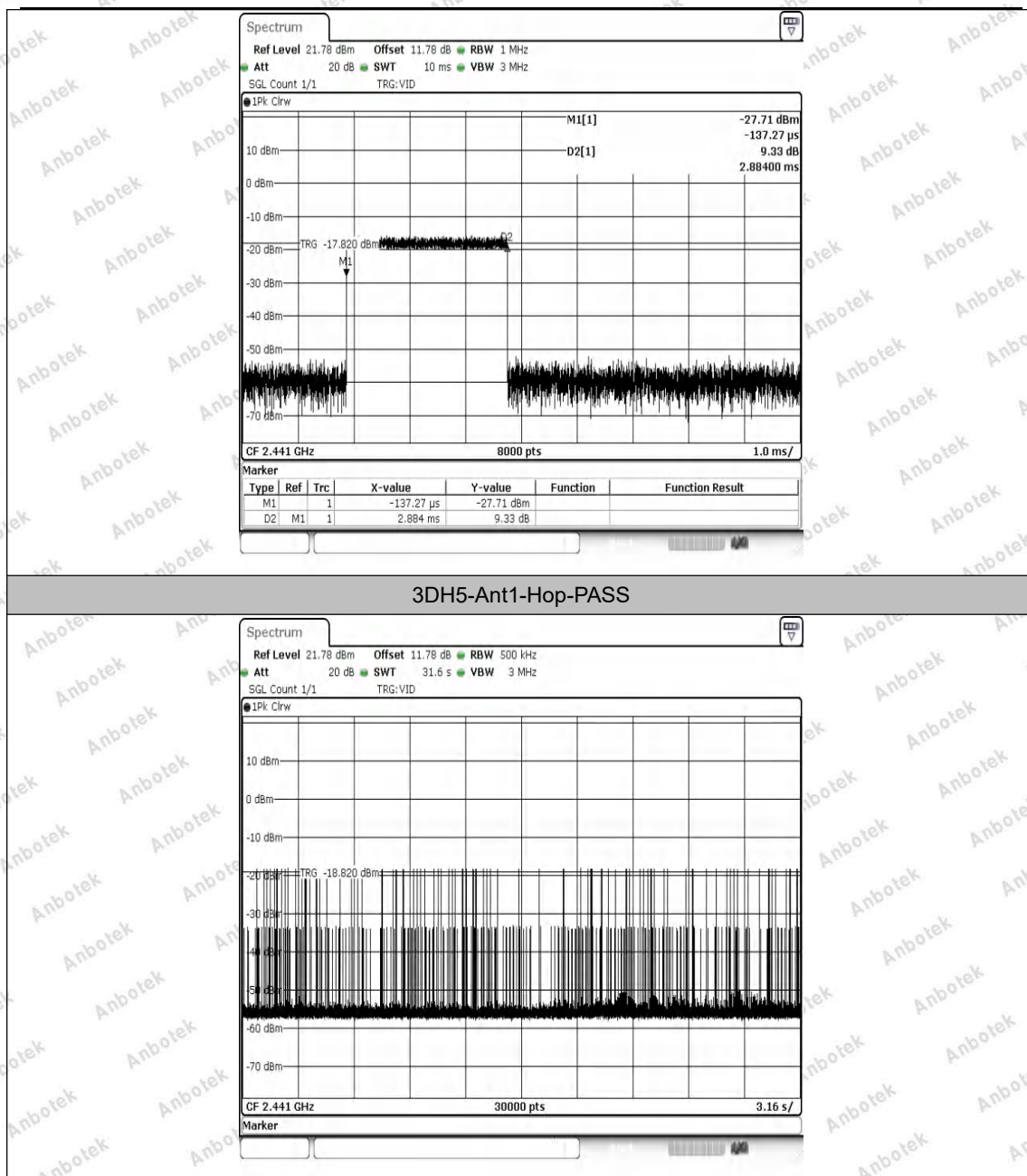












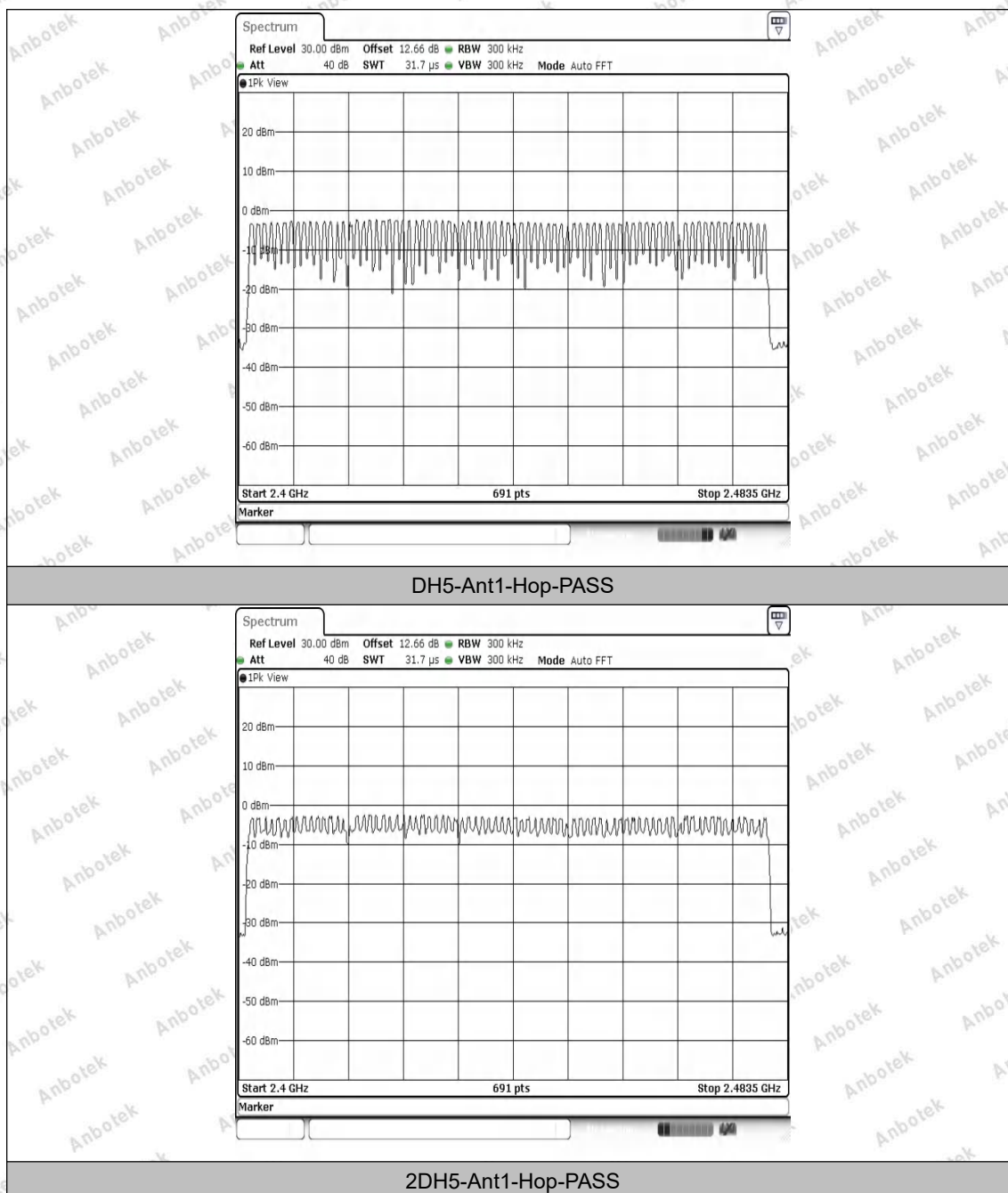
Appendix F: Number of hopping channels

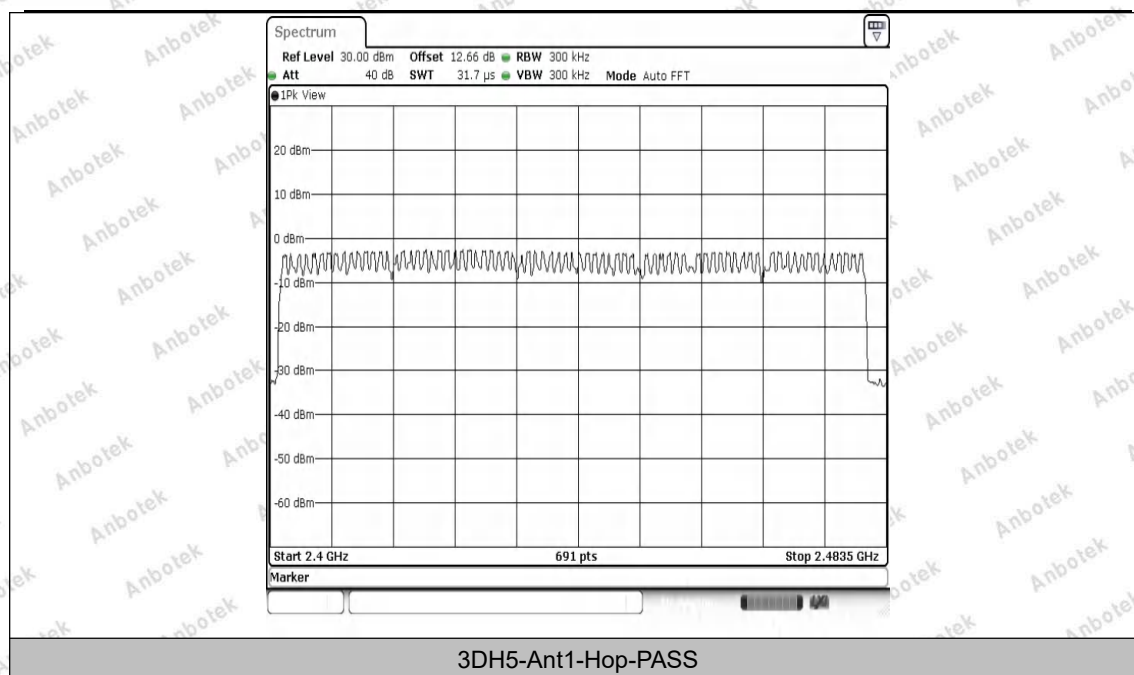
Test Result

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



Test Graphs





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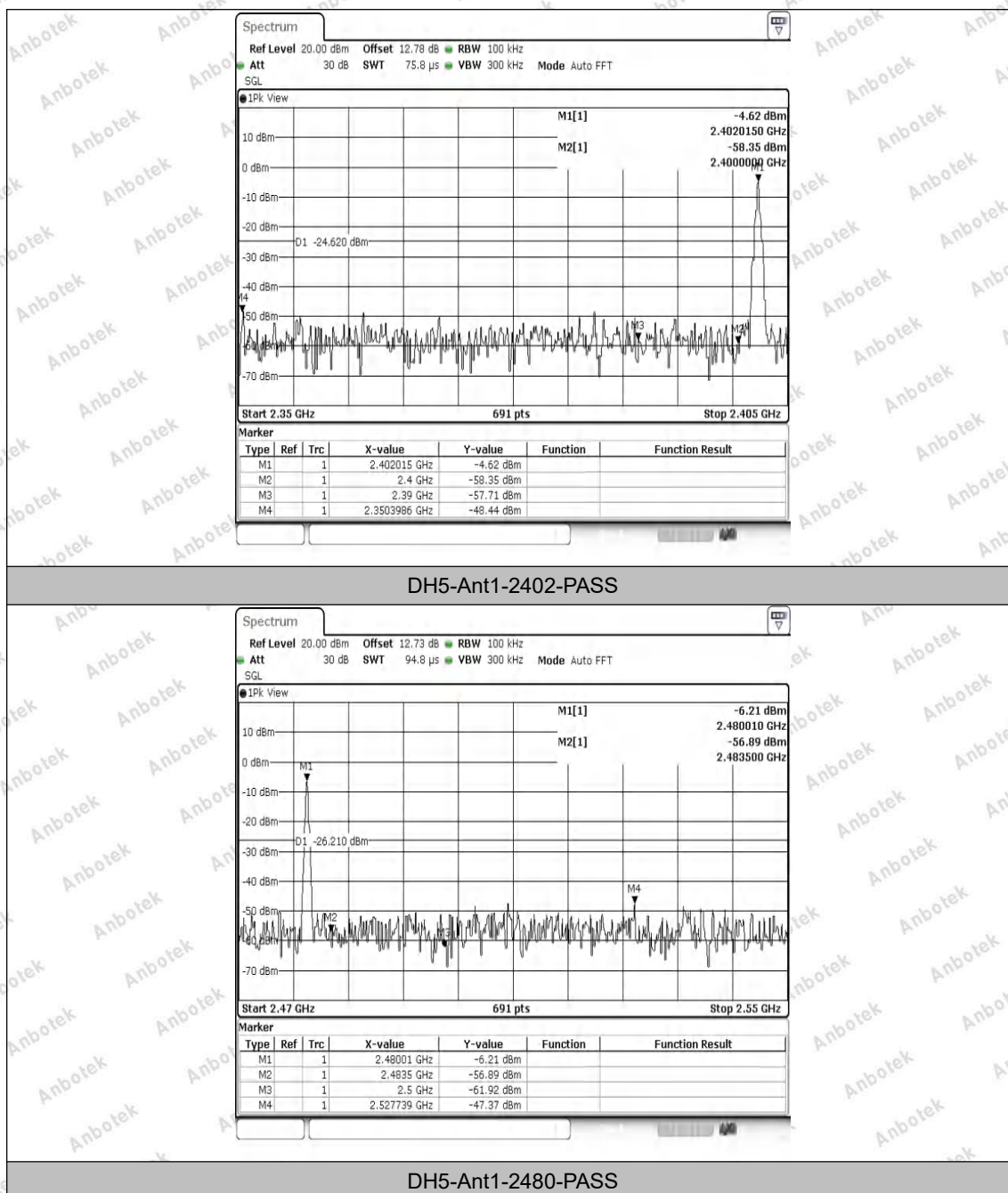
Appendix G: Band edge measurements

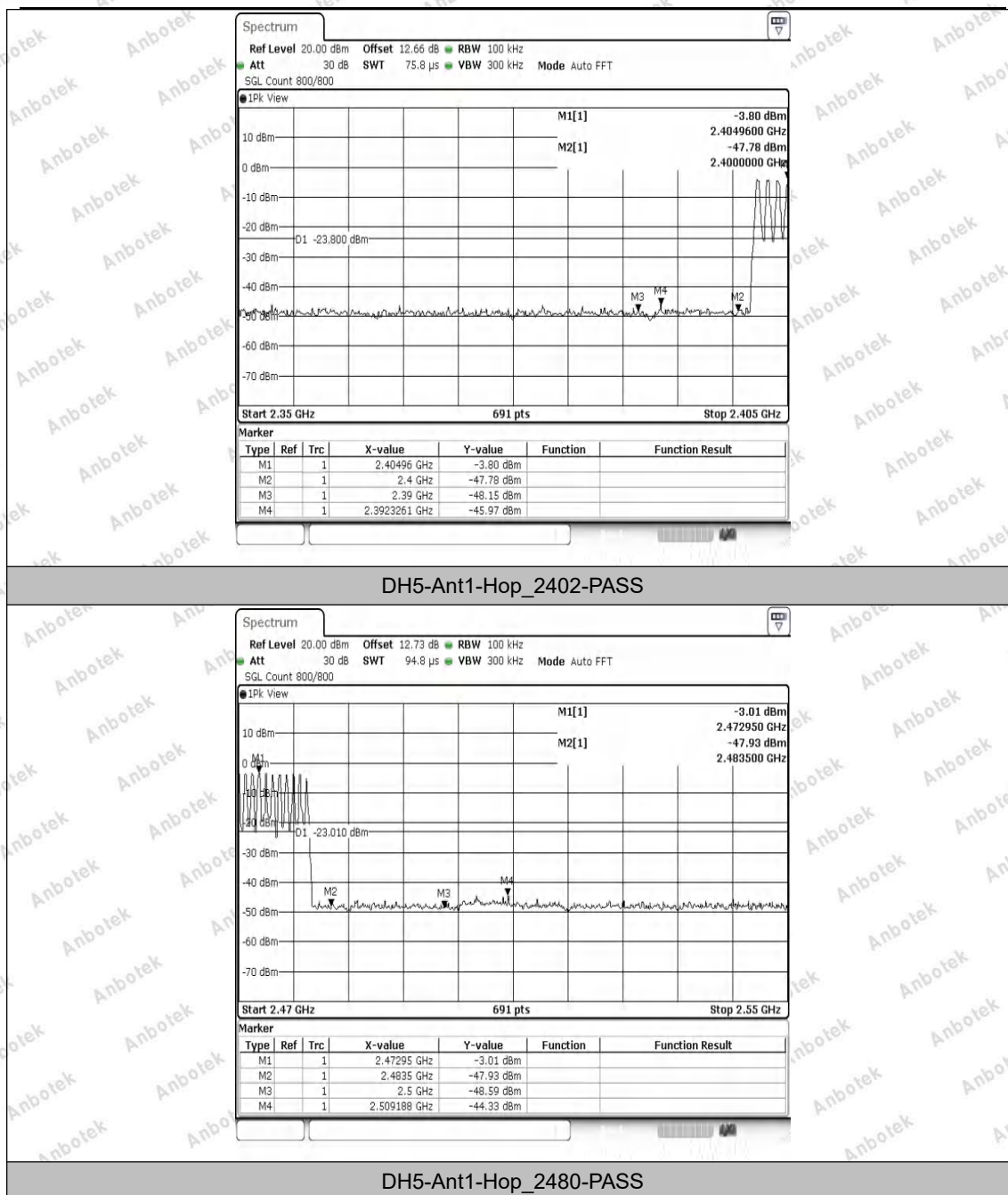
Test Result

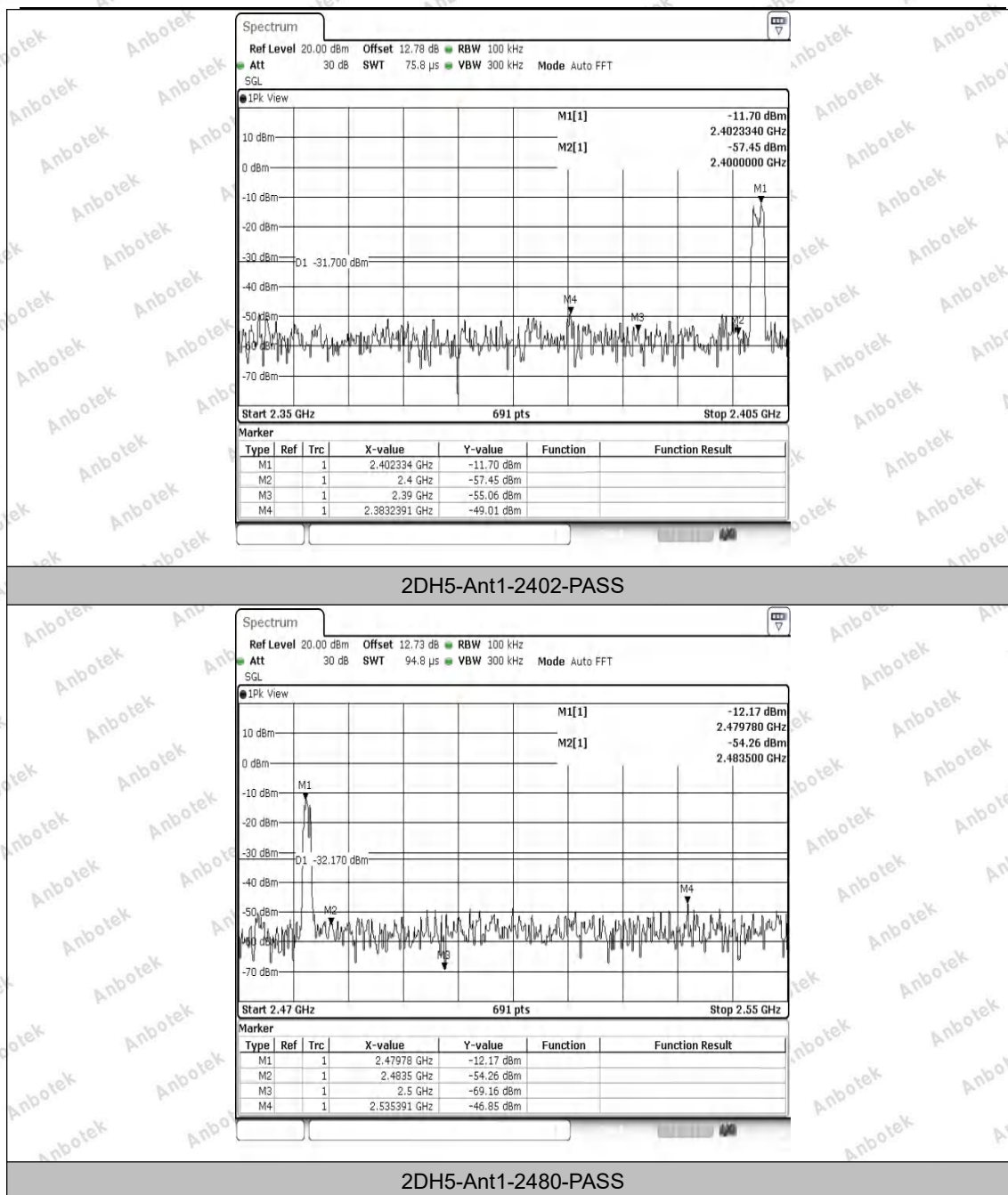
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-4.62	-48.44	≤-24.62	PASS
DH5	Ant1	High	2480	-6.21	-47.37	≤-26.21	PASS
DH5	Ant1	Low	Hop_2402	-3.80	-45.97	≤-23.8	PASS
DH5	Ant1	High	Hop_2480	-3.01	-44.33	≤-23.01	PASS
2DH5	Ant1	Low	2402	-11.70	-49.01	≤-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

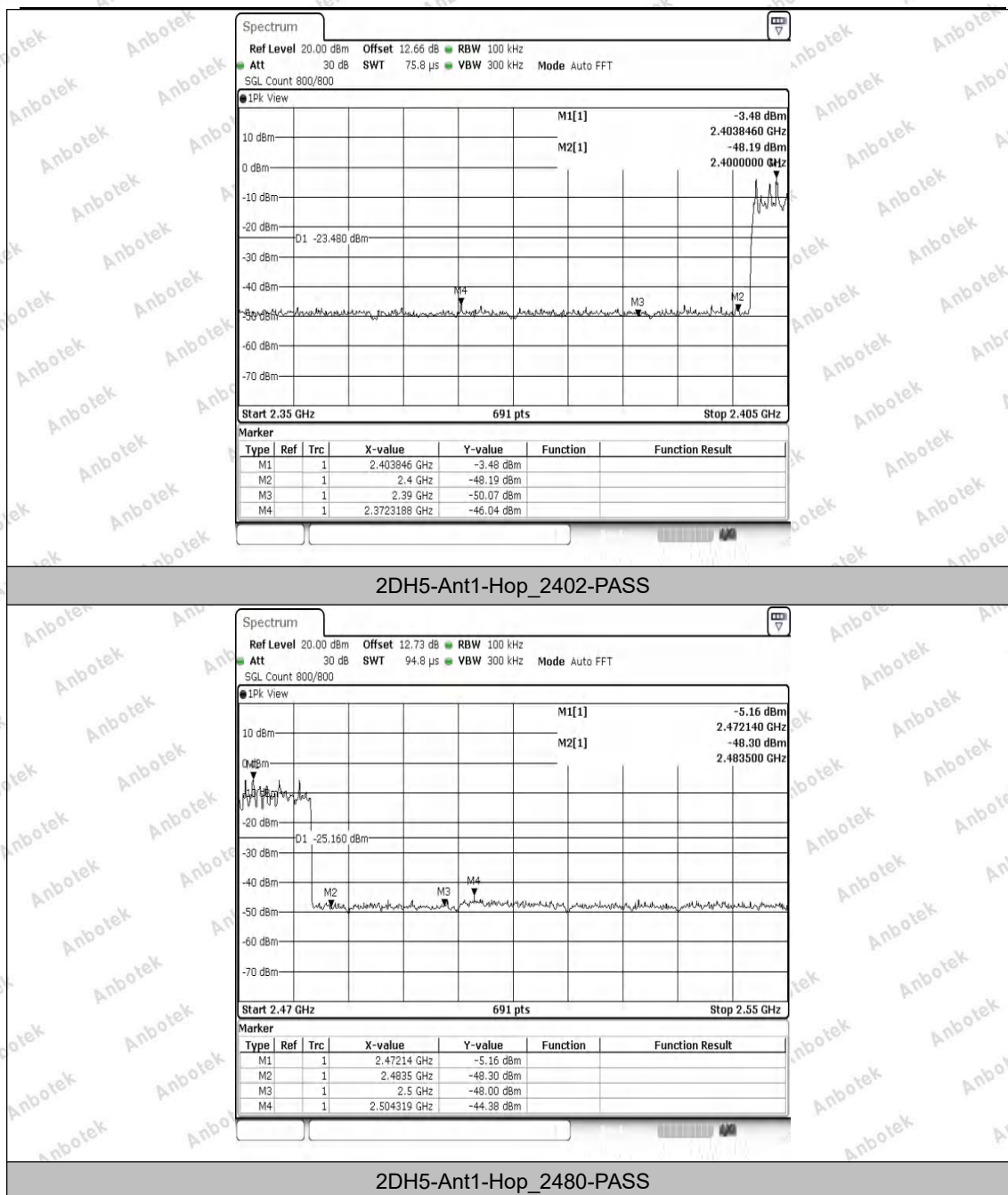


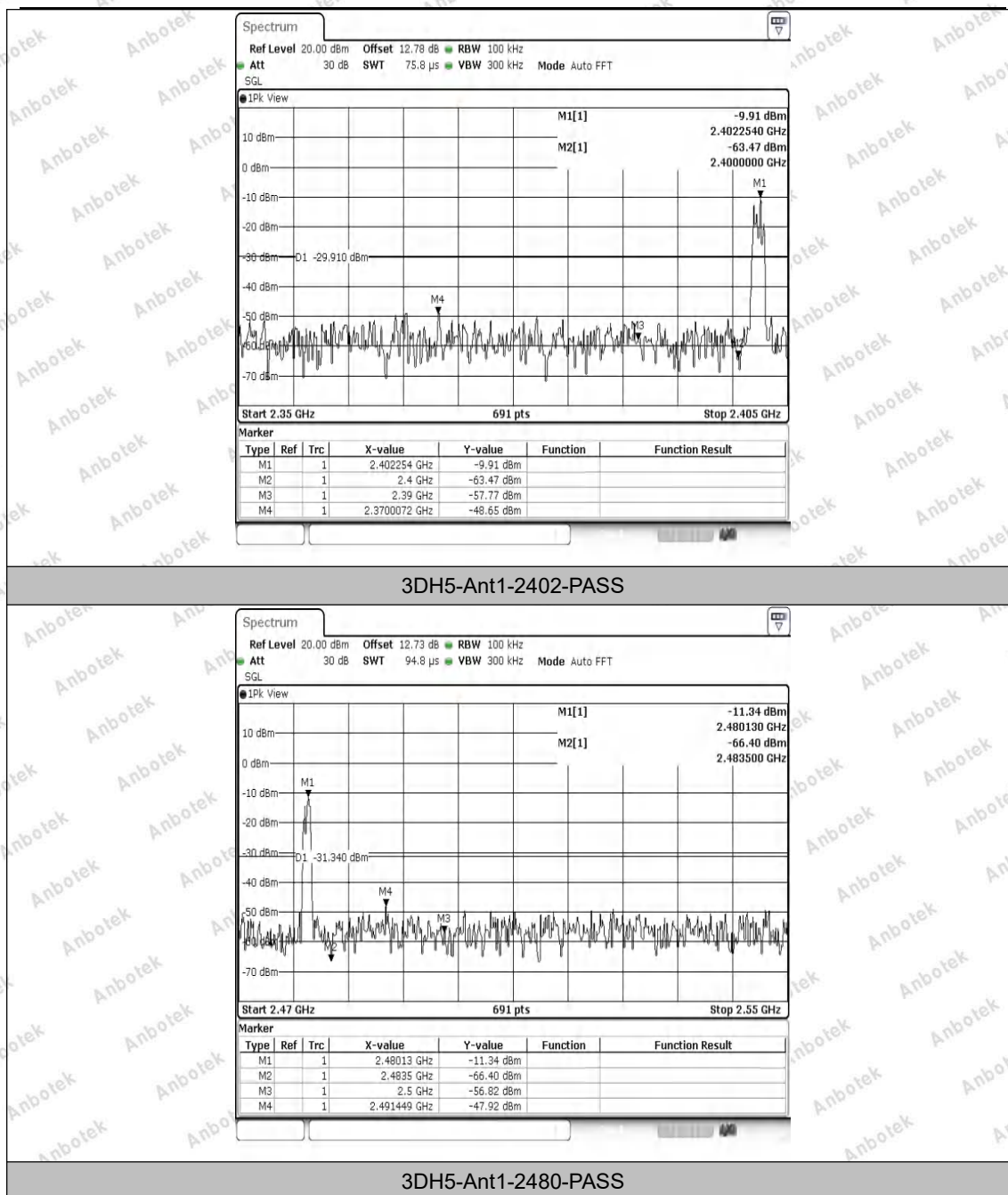
Test Graphs

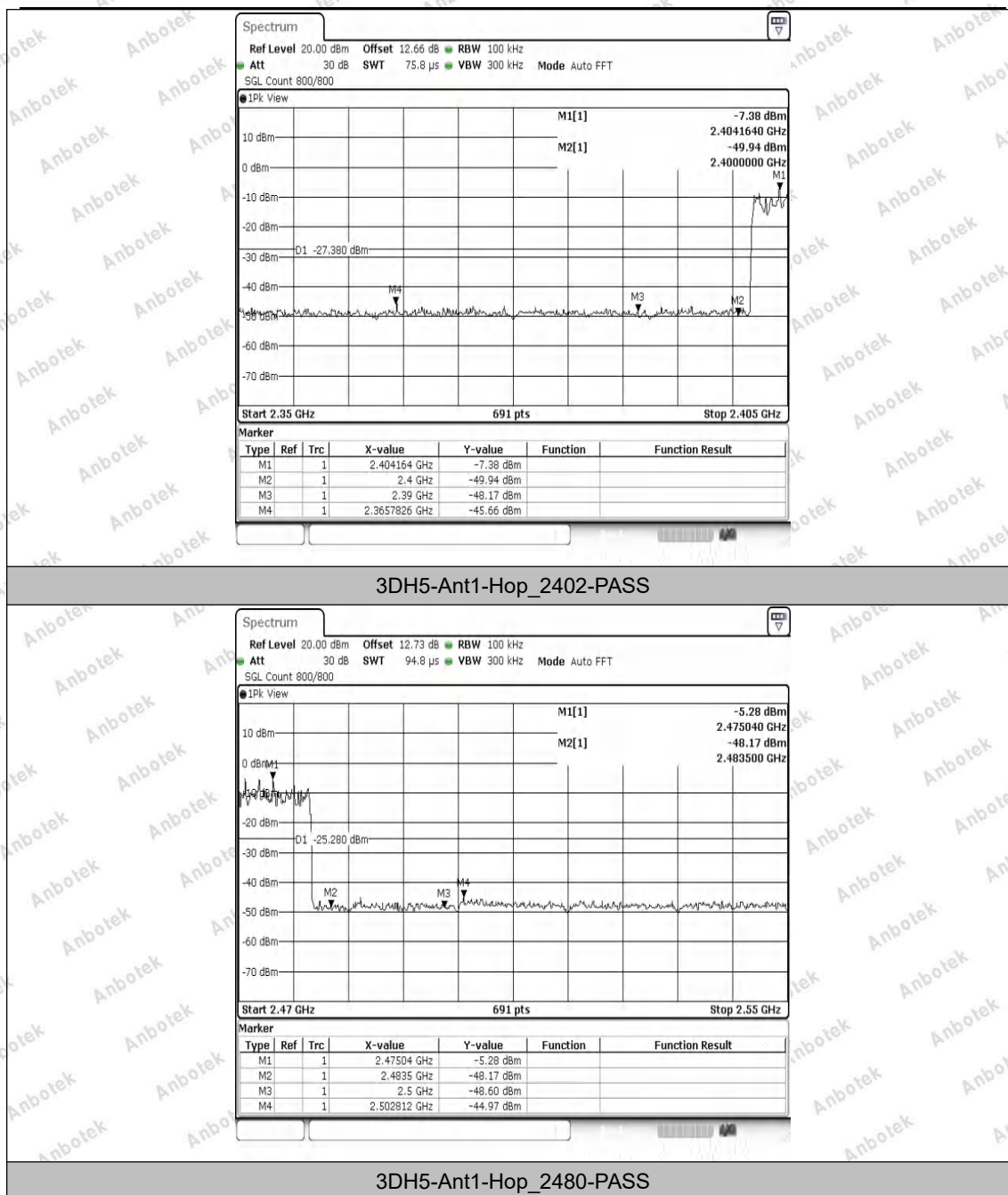












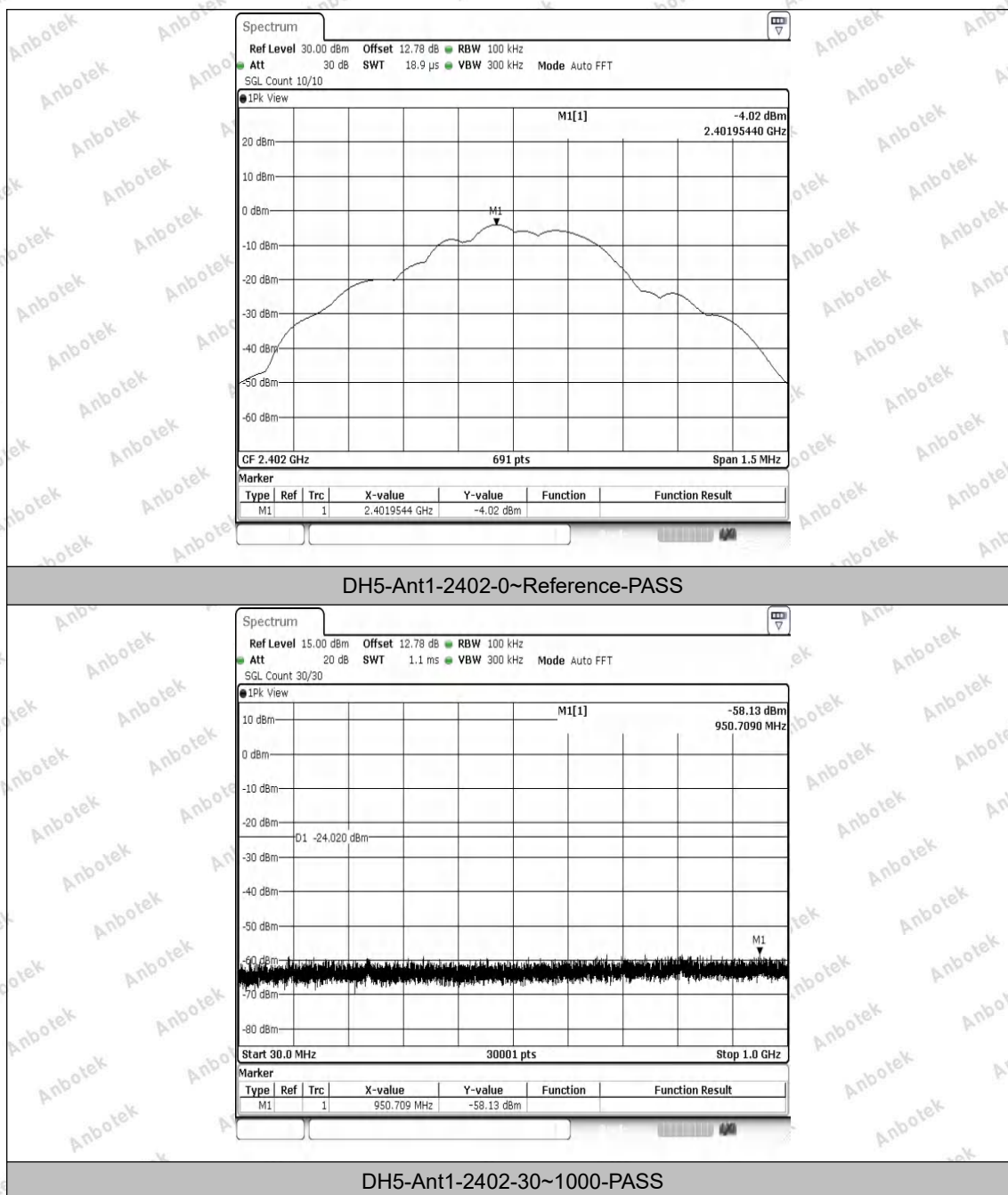
Appendix H: Conducted Spurious Emission

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



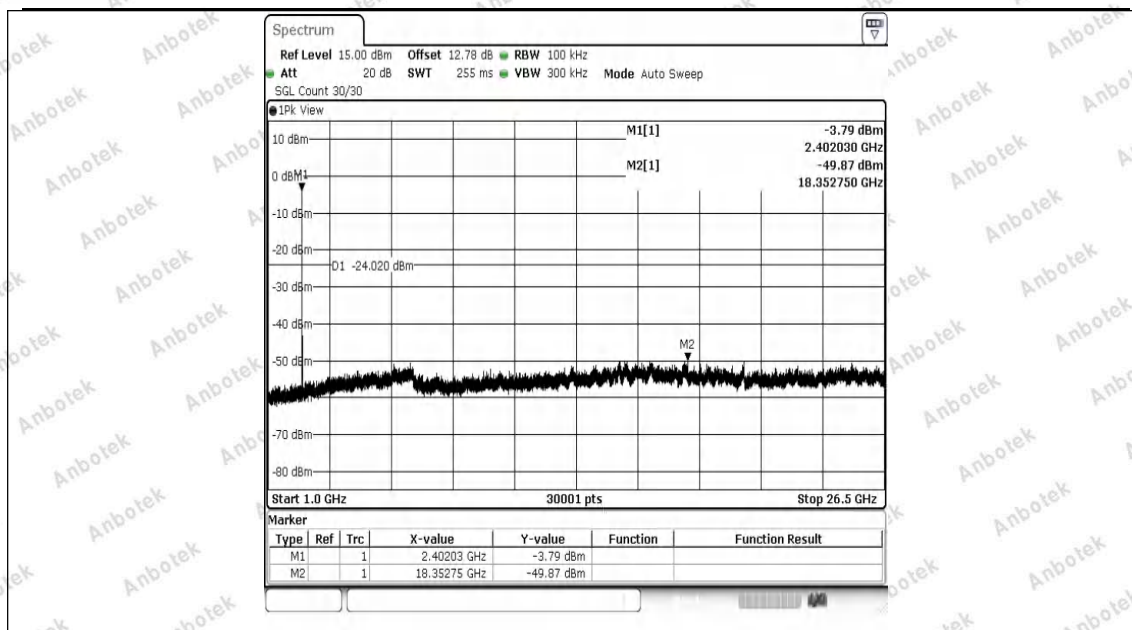
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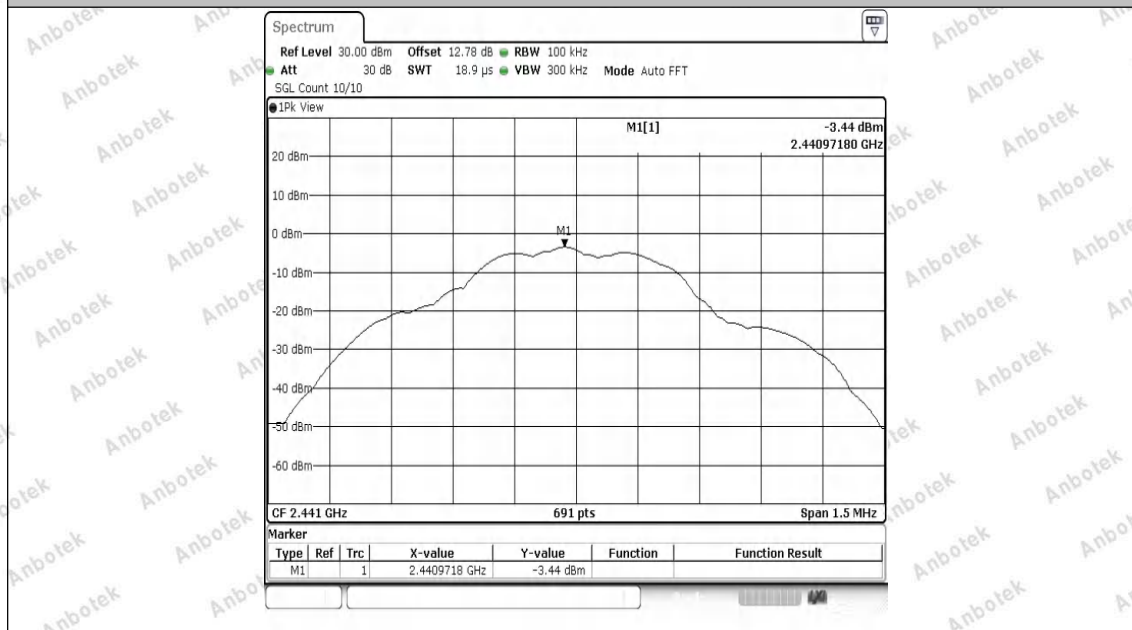


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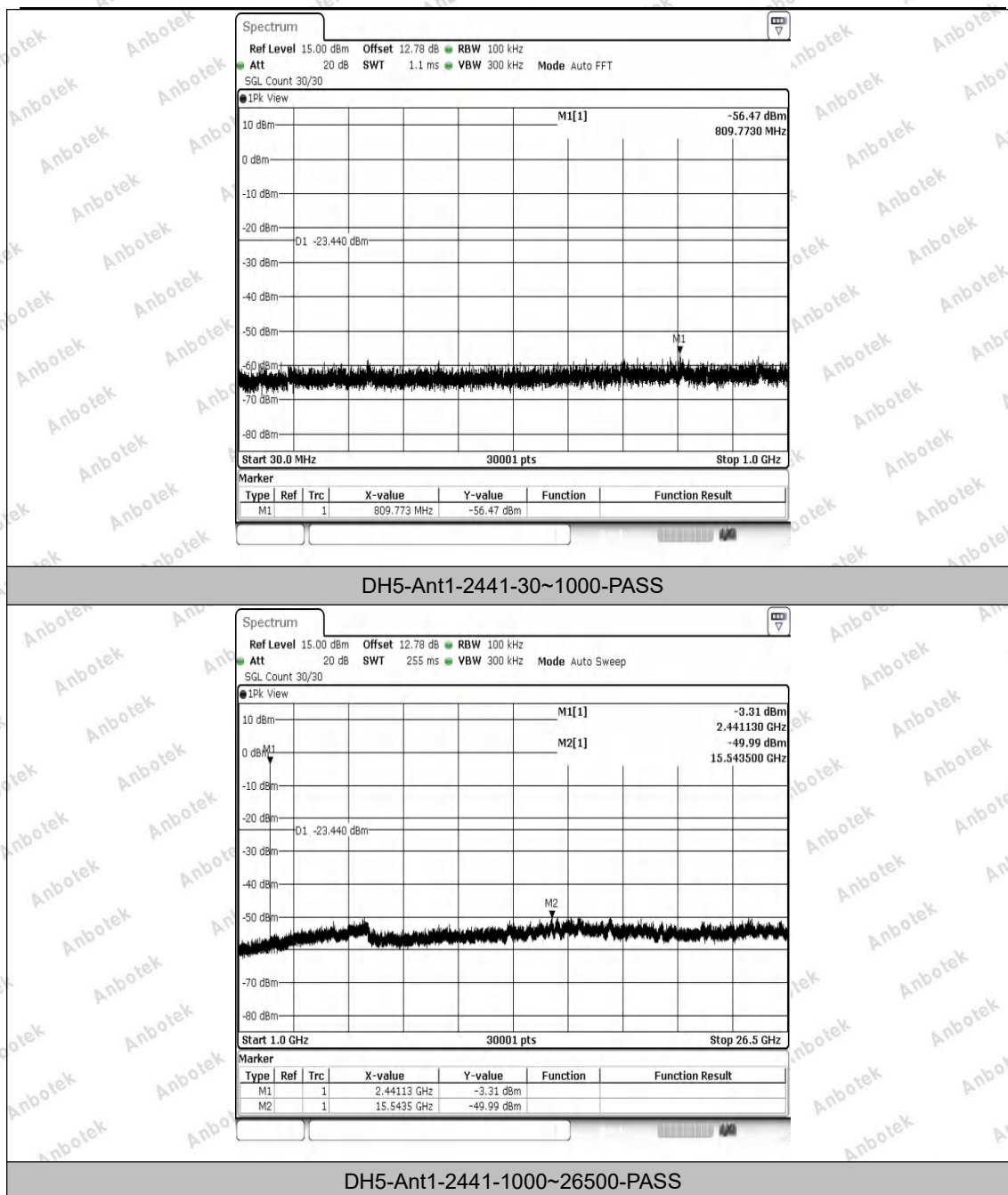


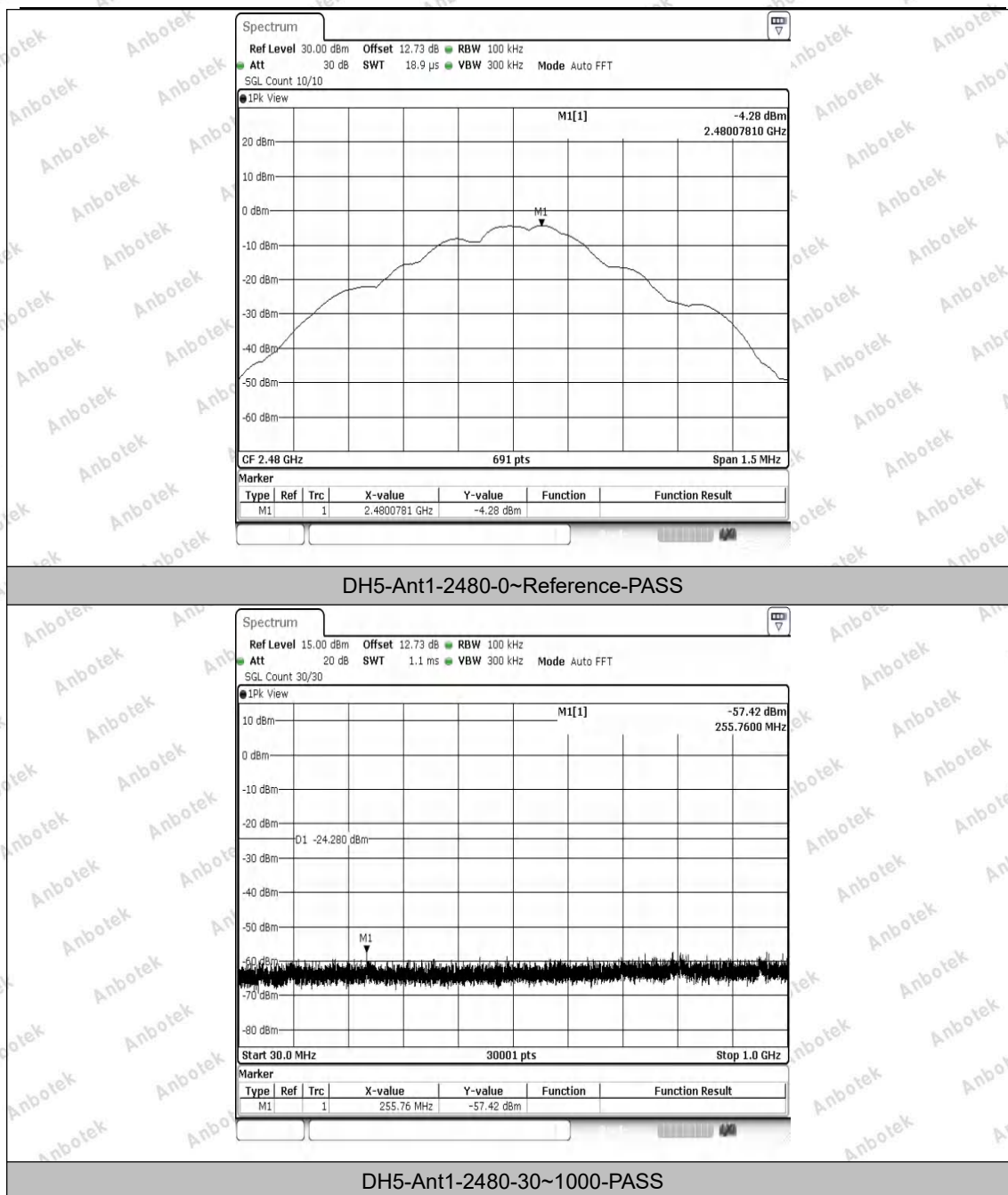
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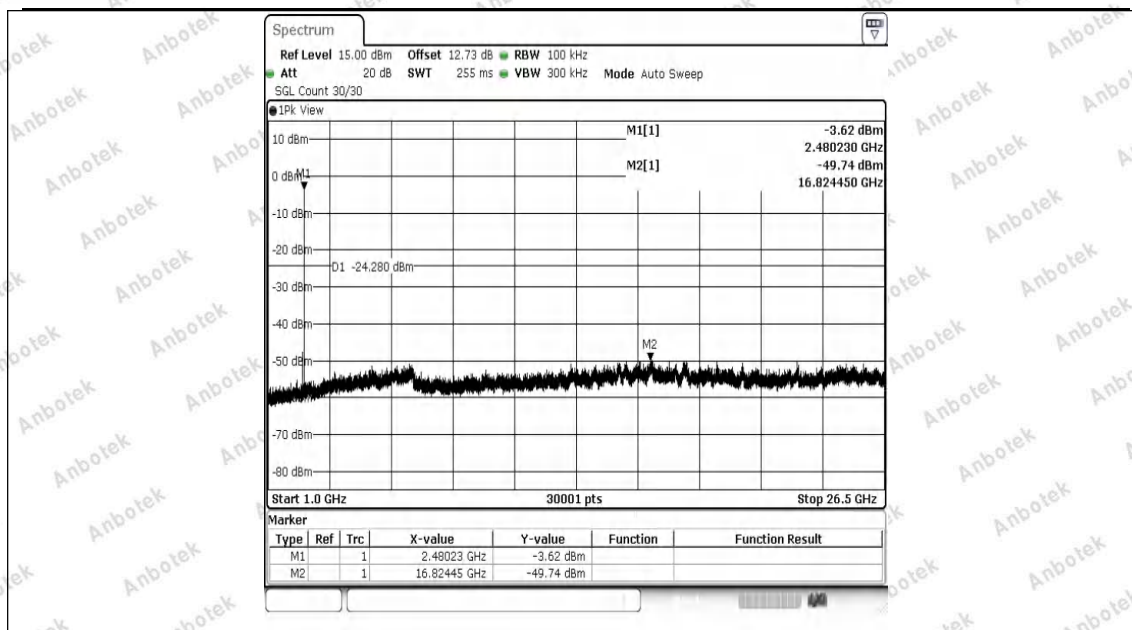


DH5-Ant1-2441-0~Reference-PASS

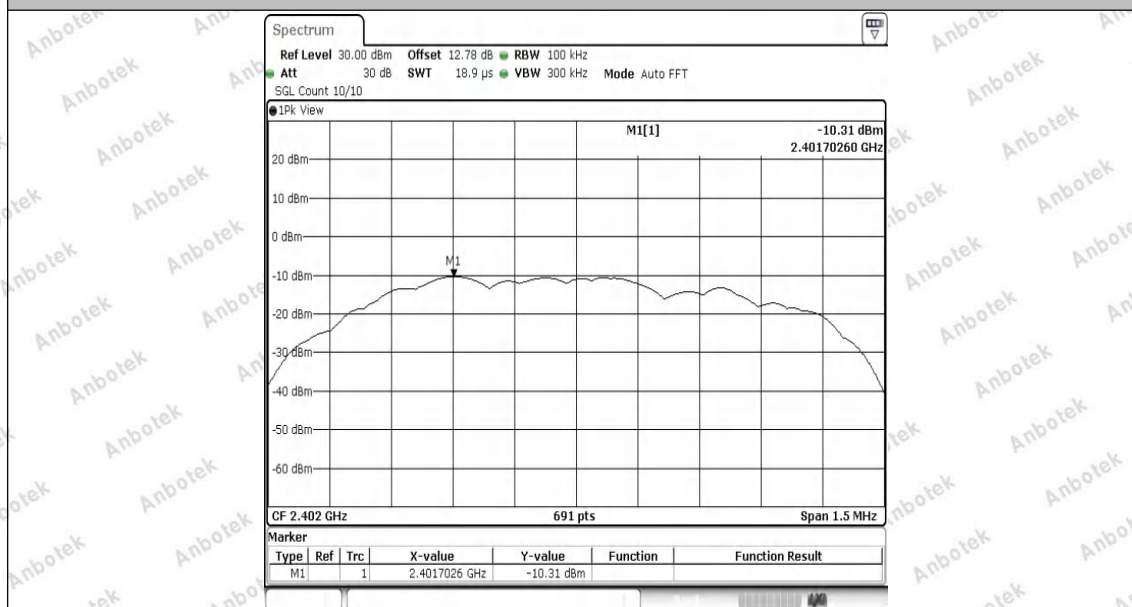






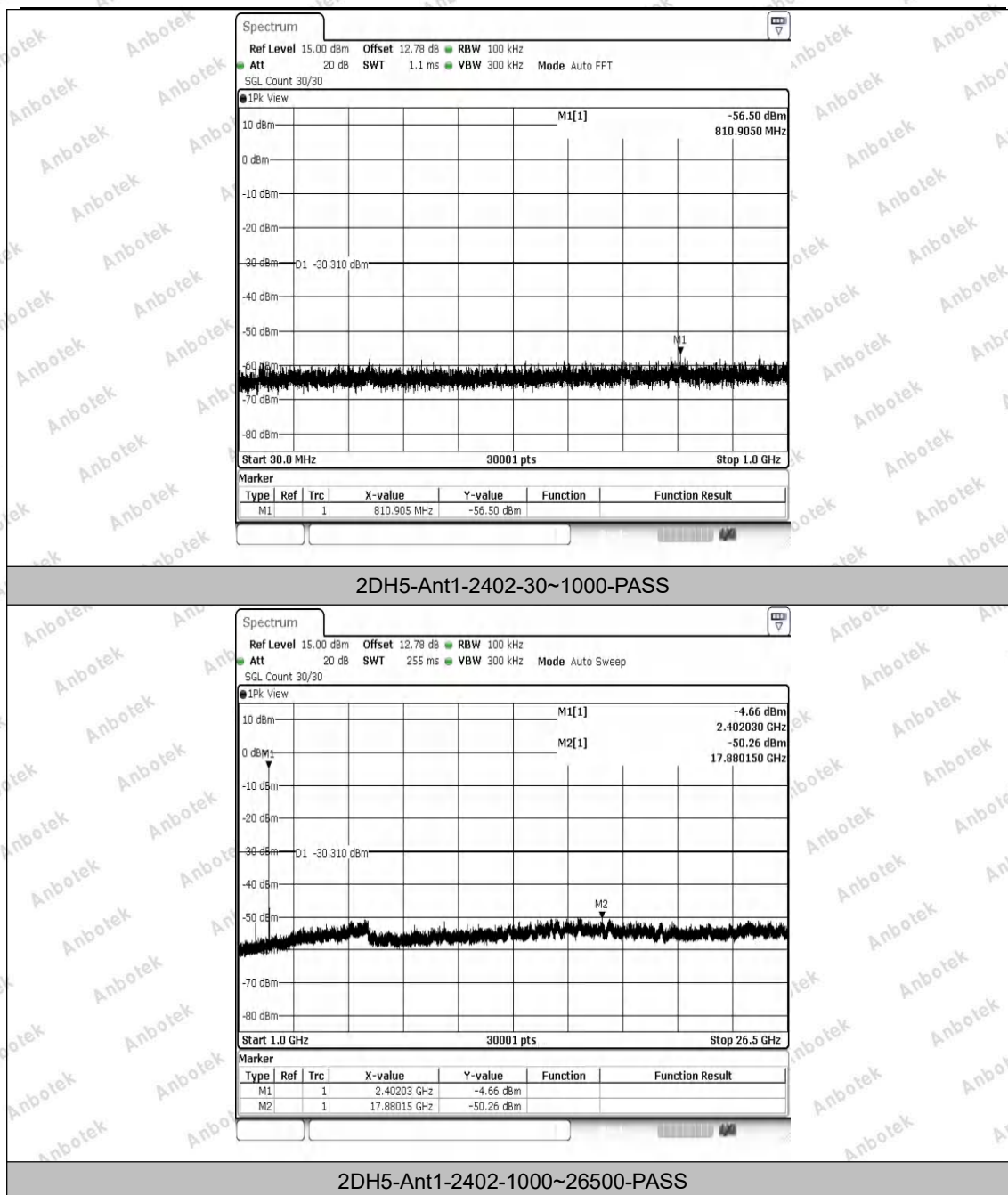


DH5-Ant1-2480-1000~26500-PASS



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



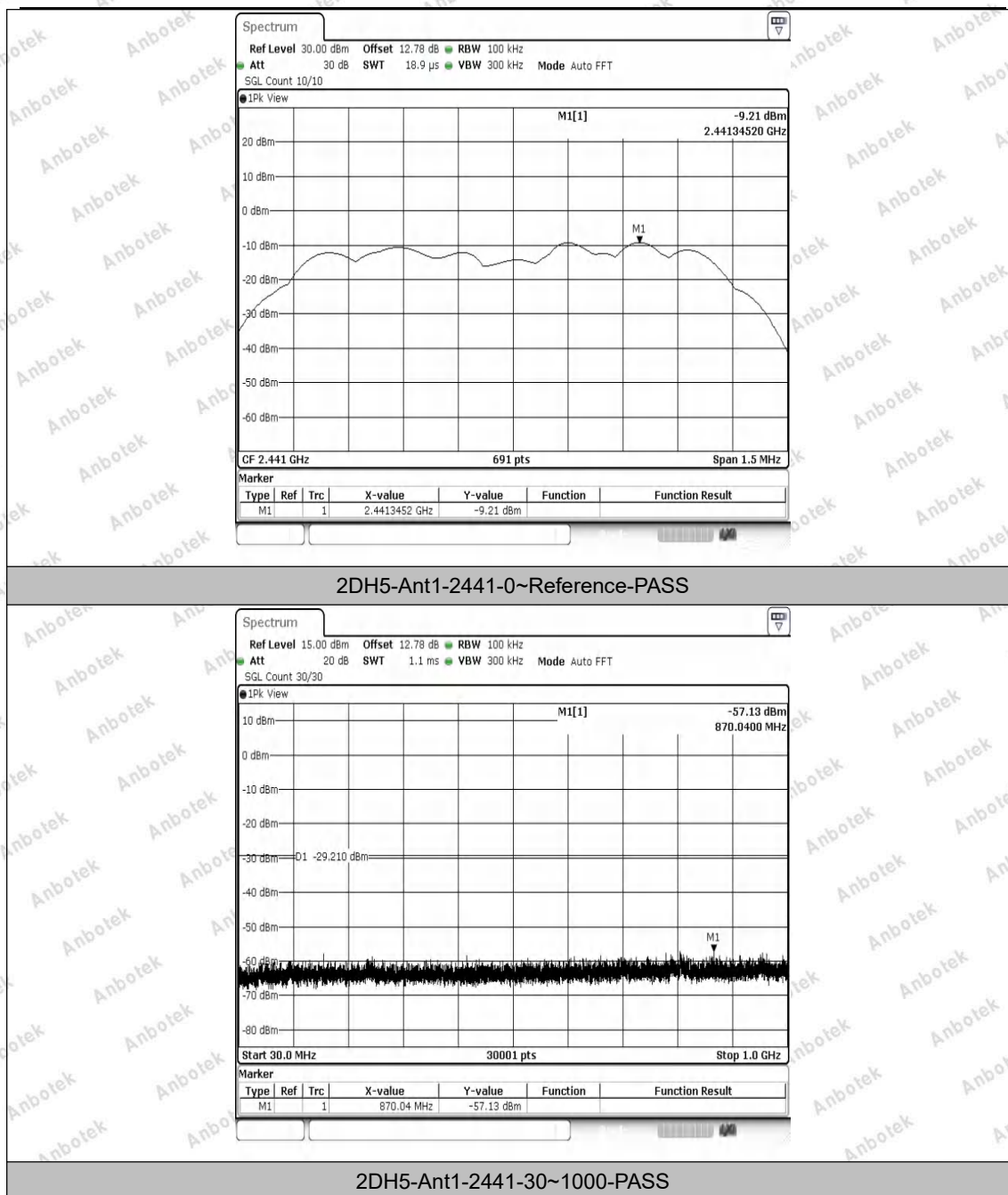
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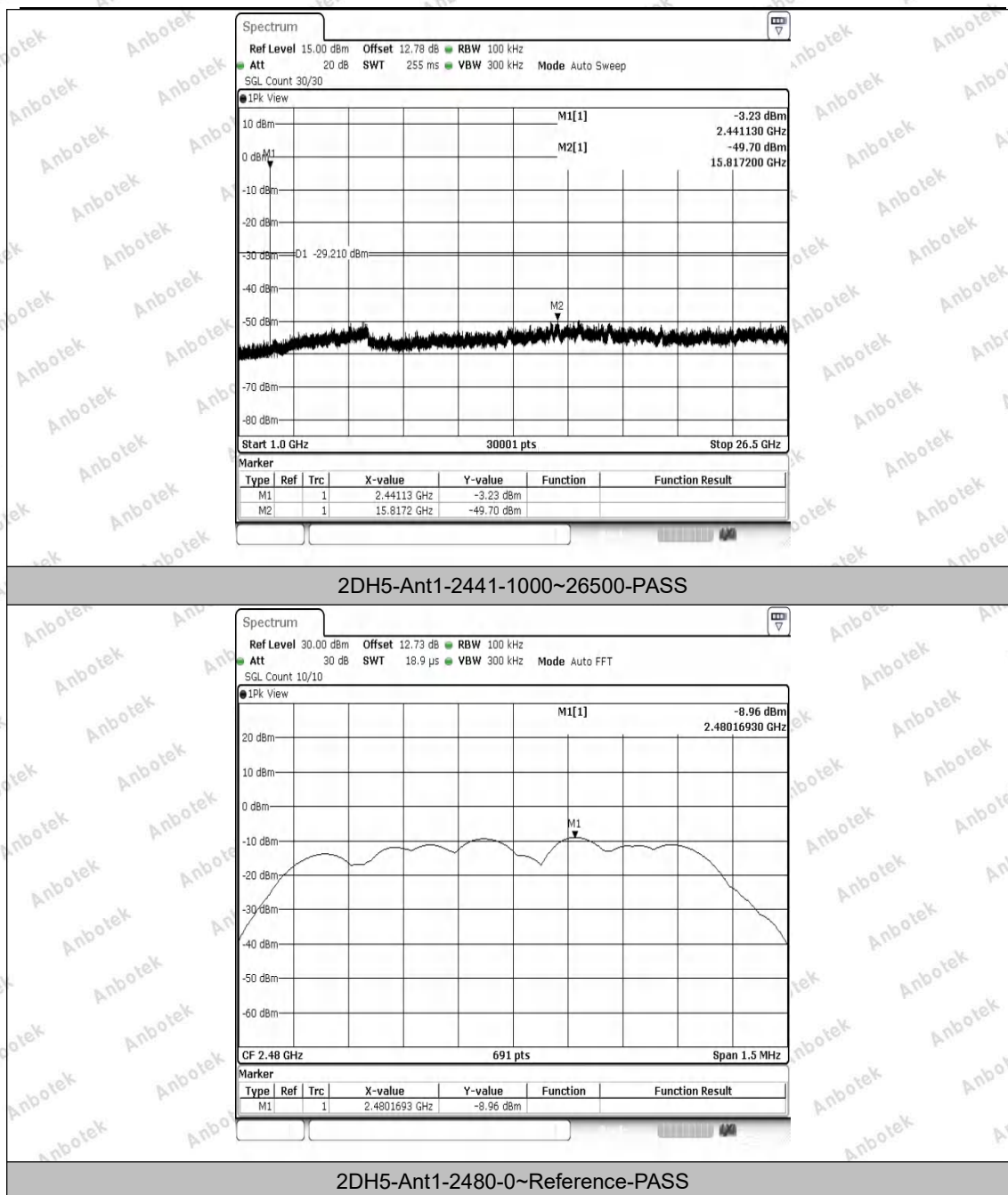
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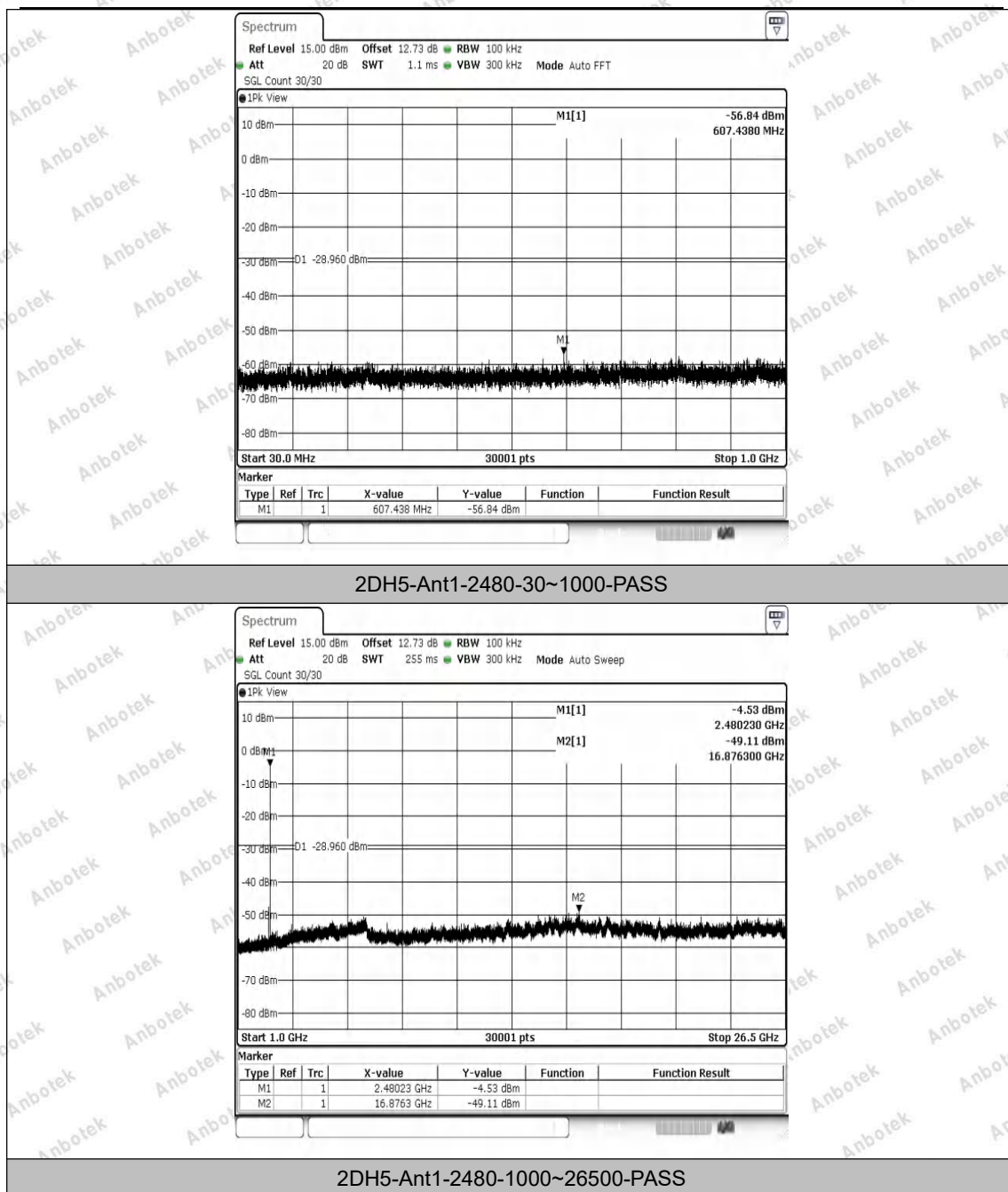


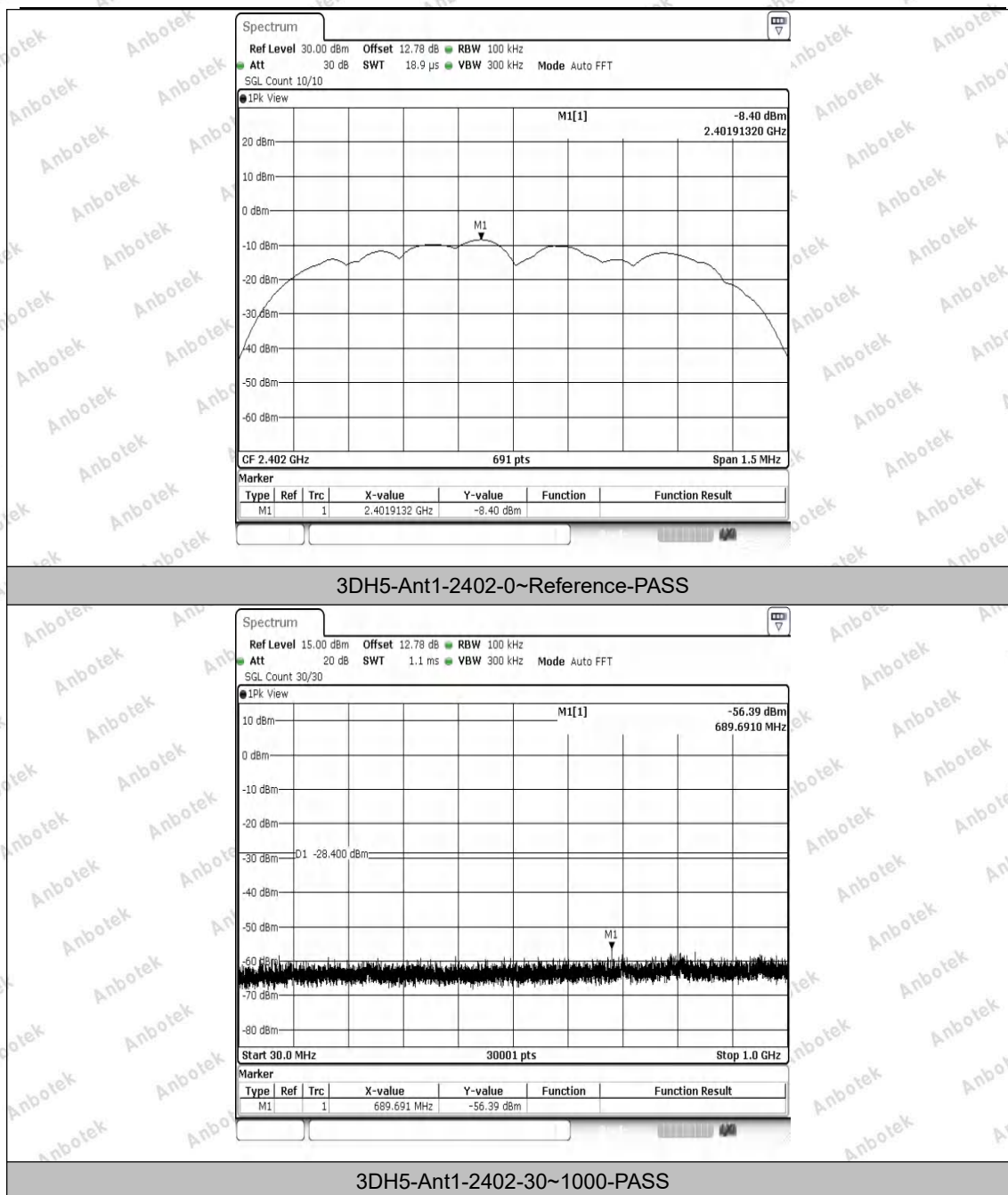
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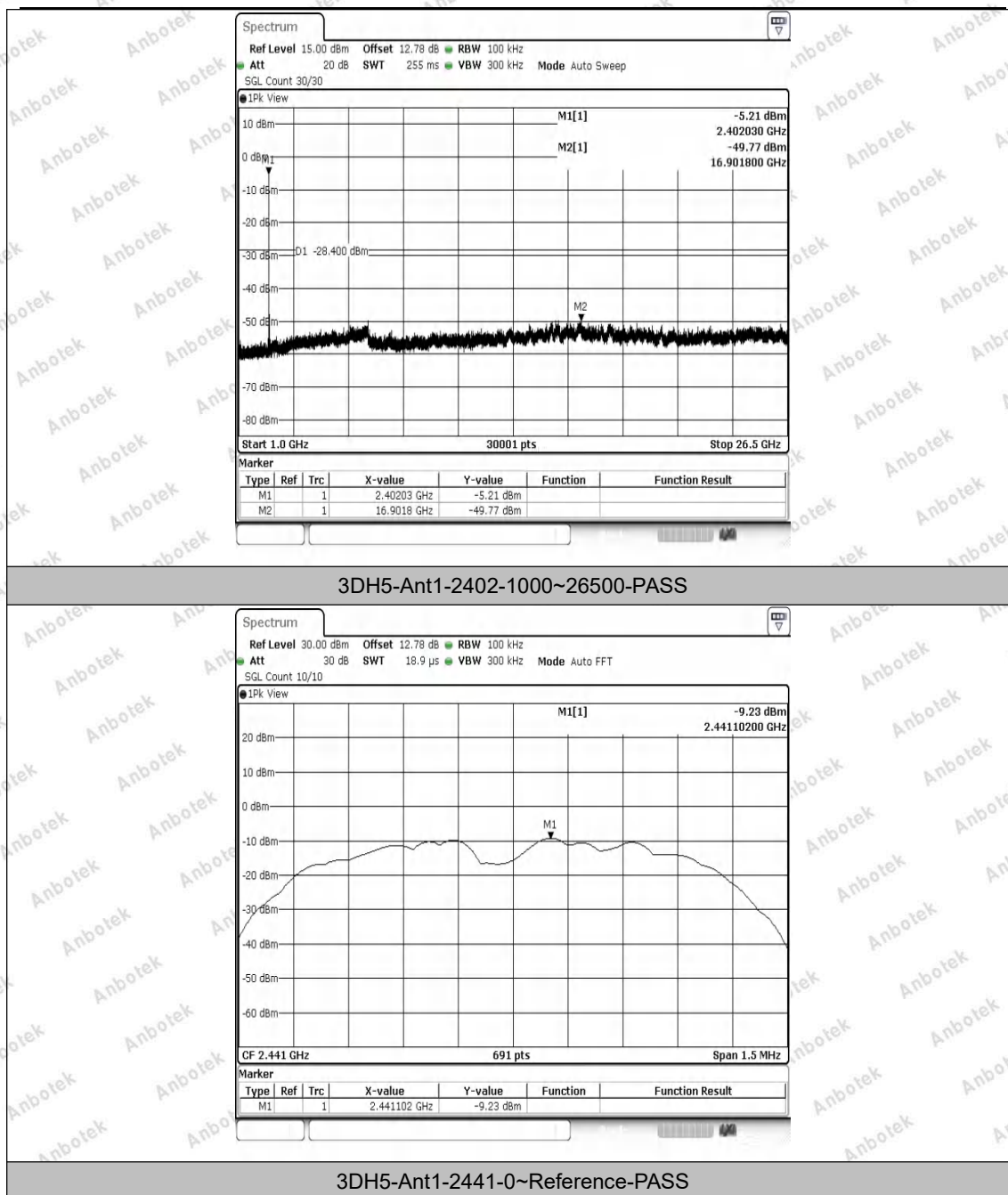


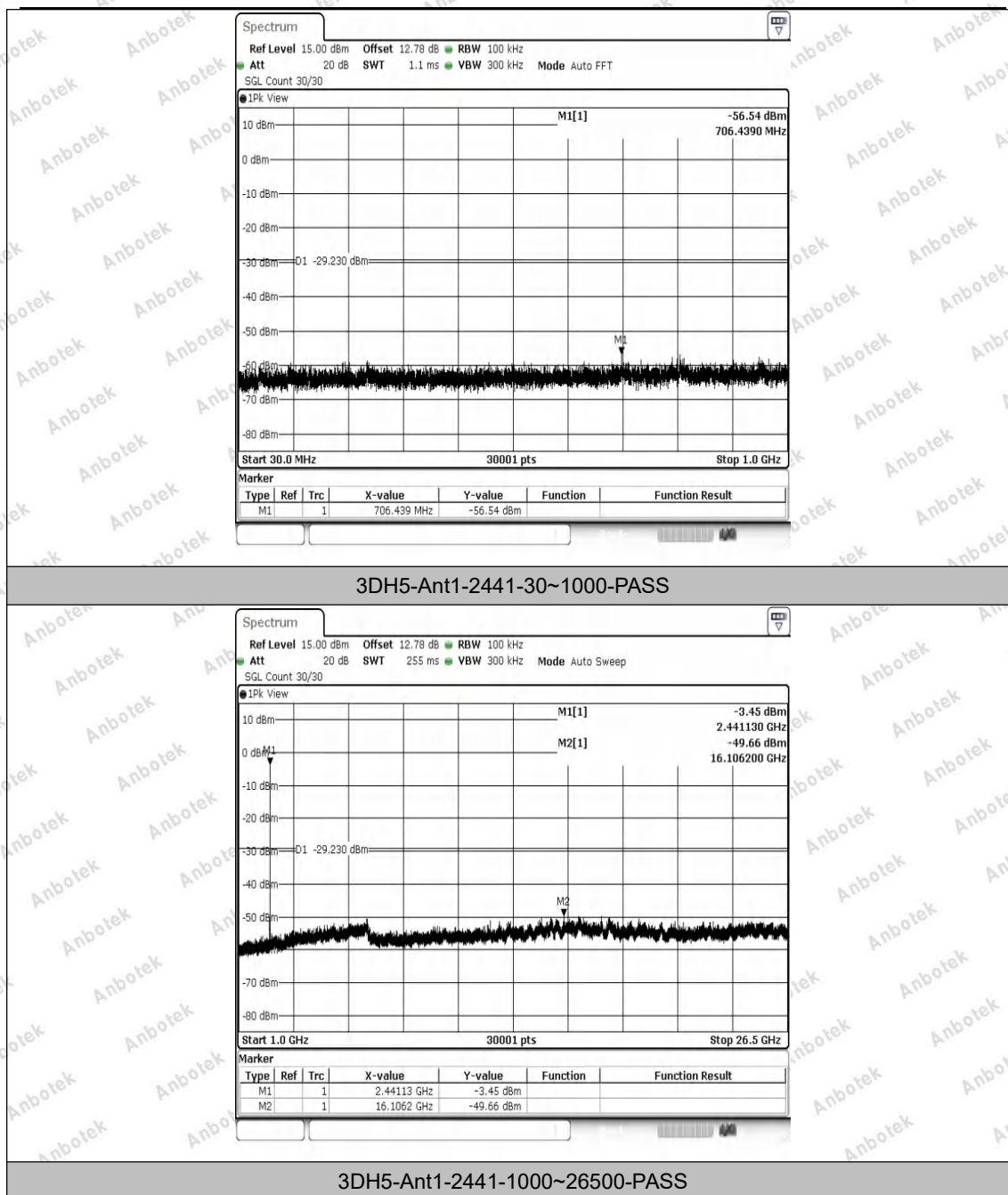










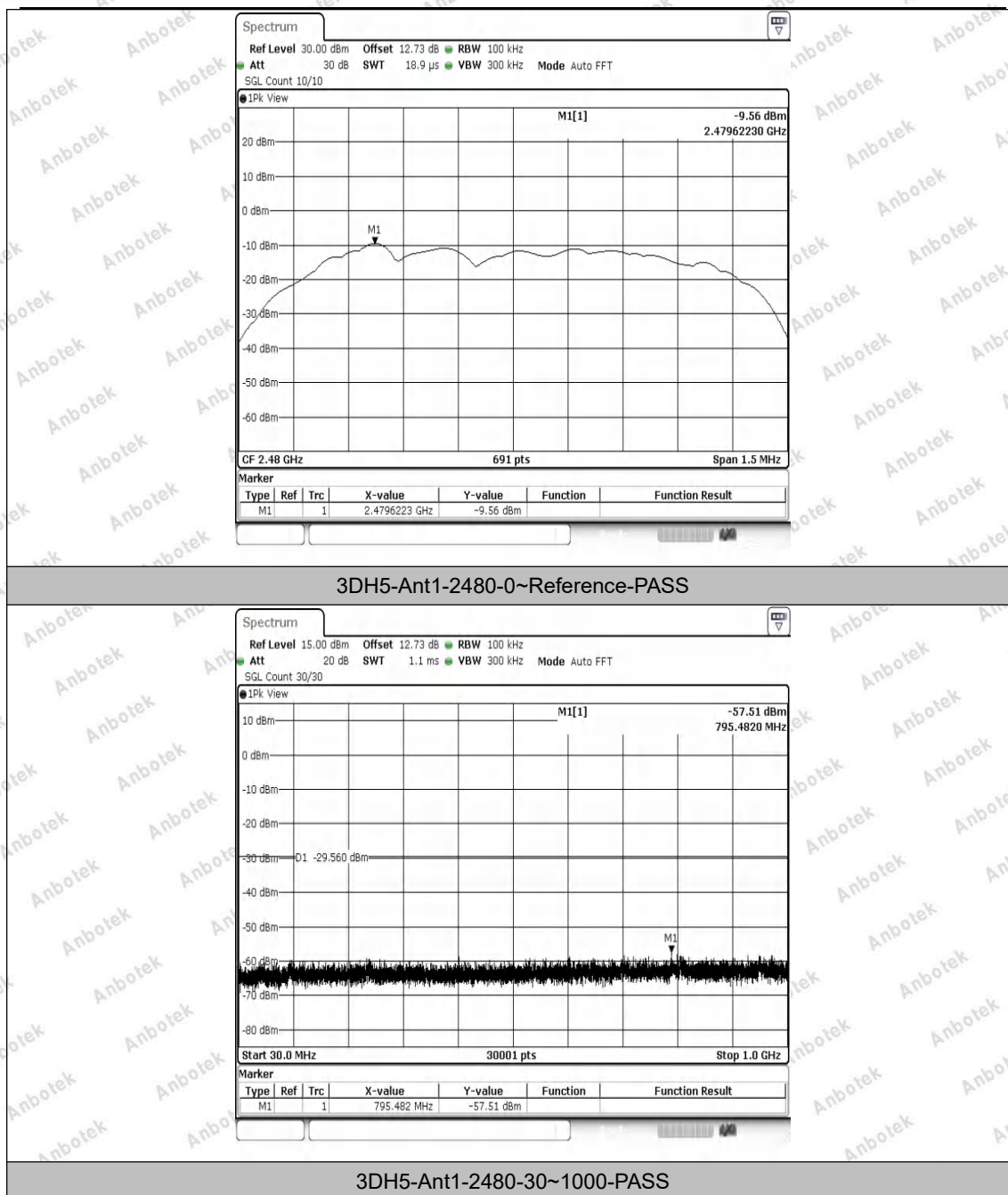
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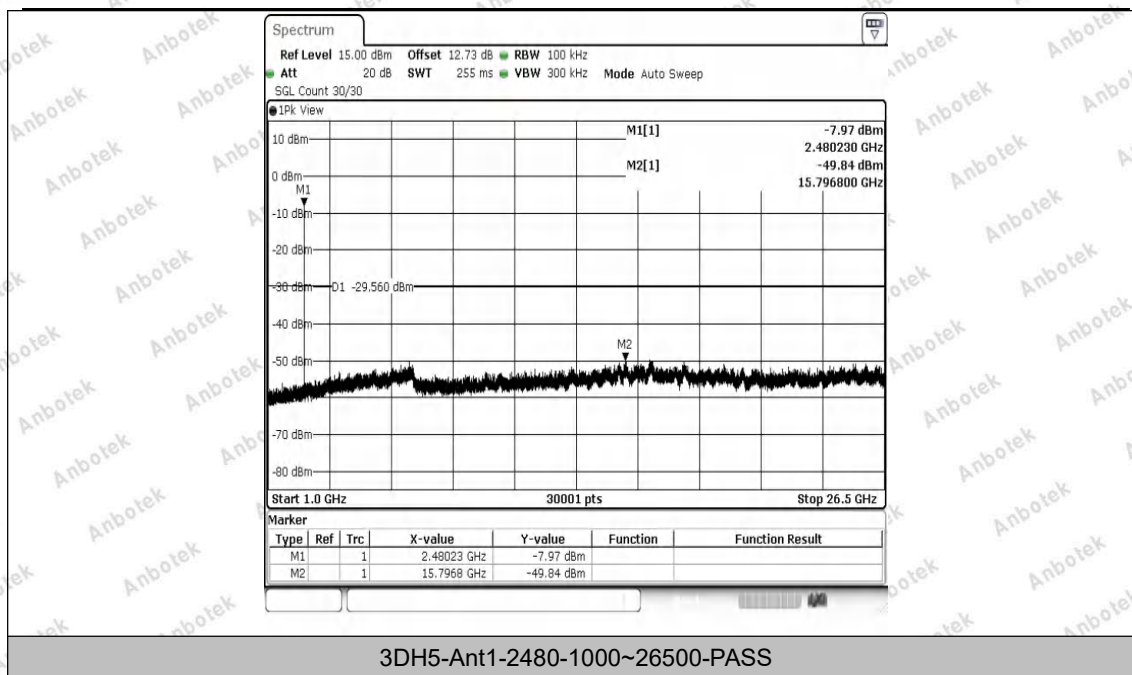
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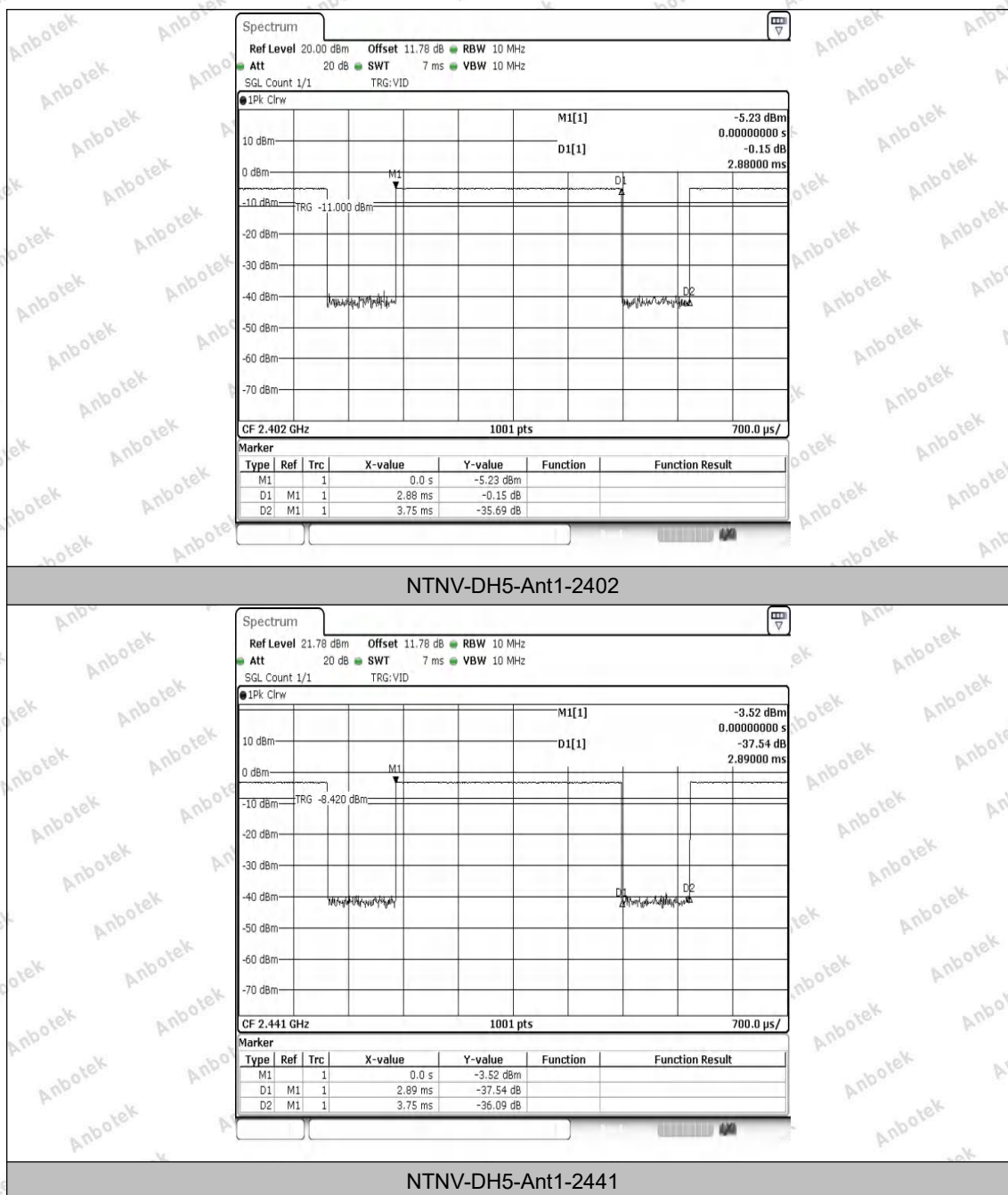
Appendix I: Duty Cycle

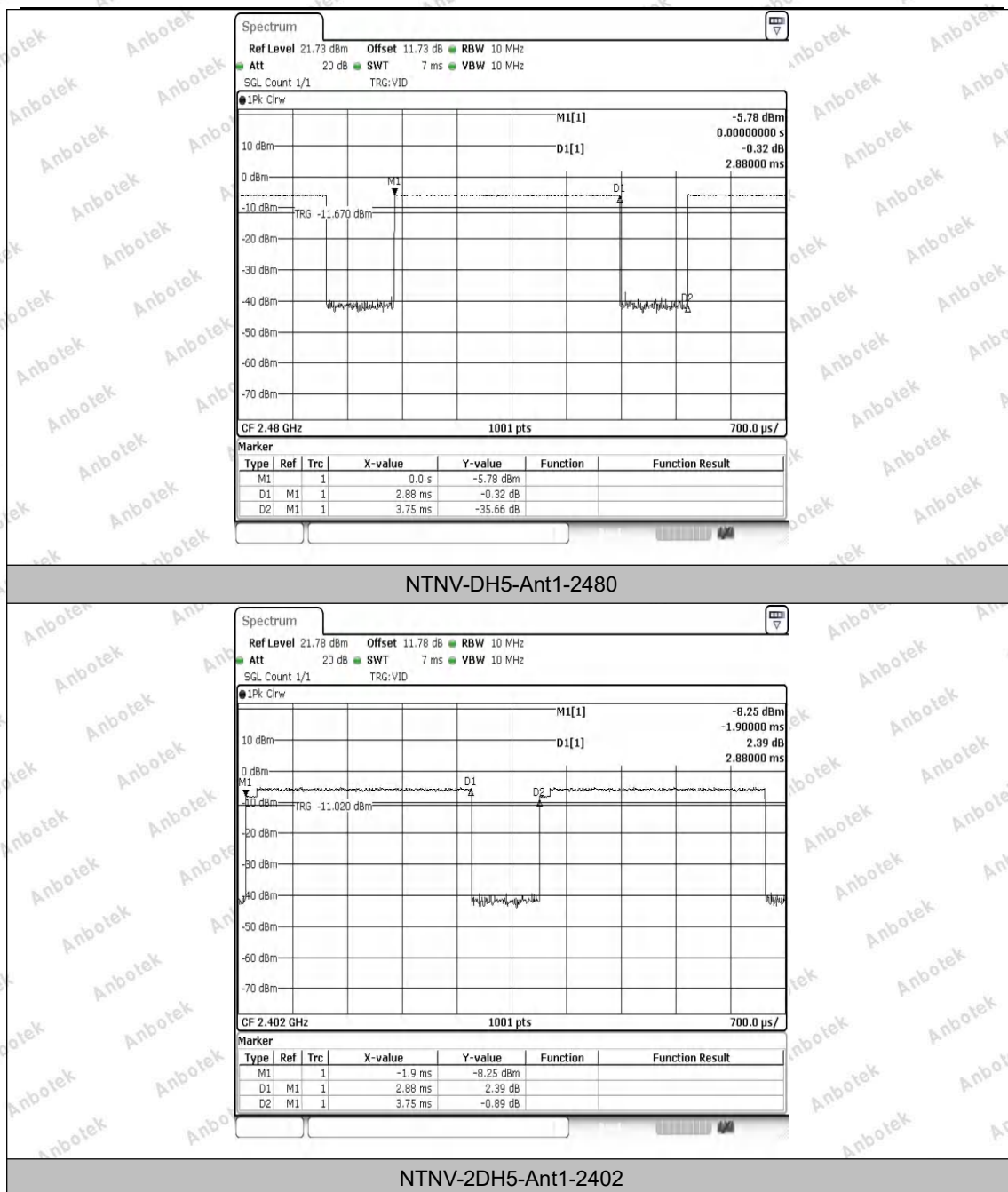
Test Result

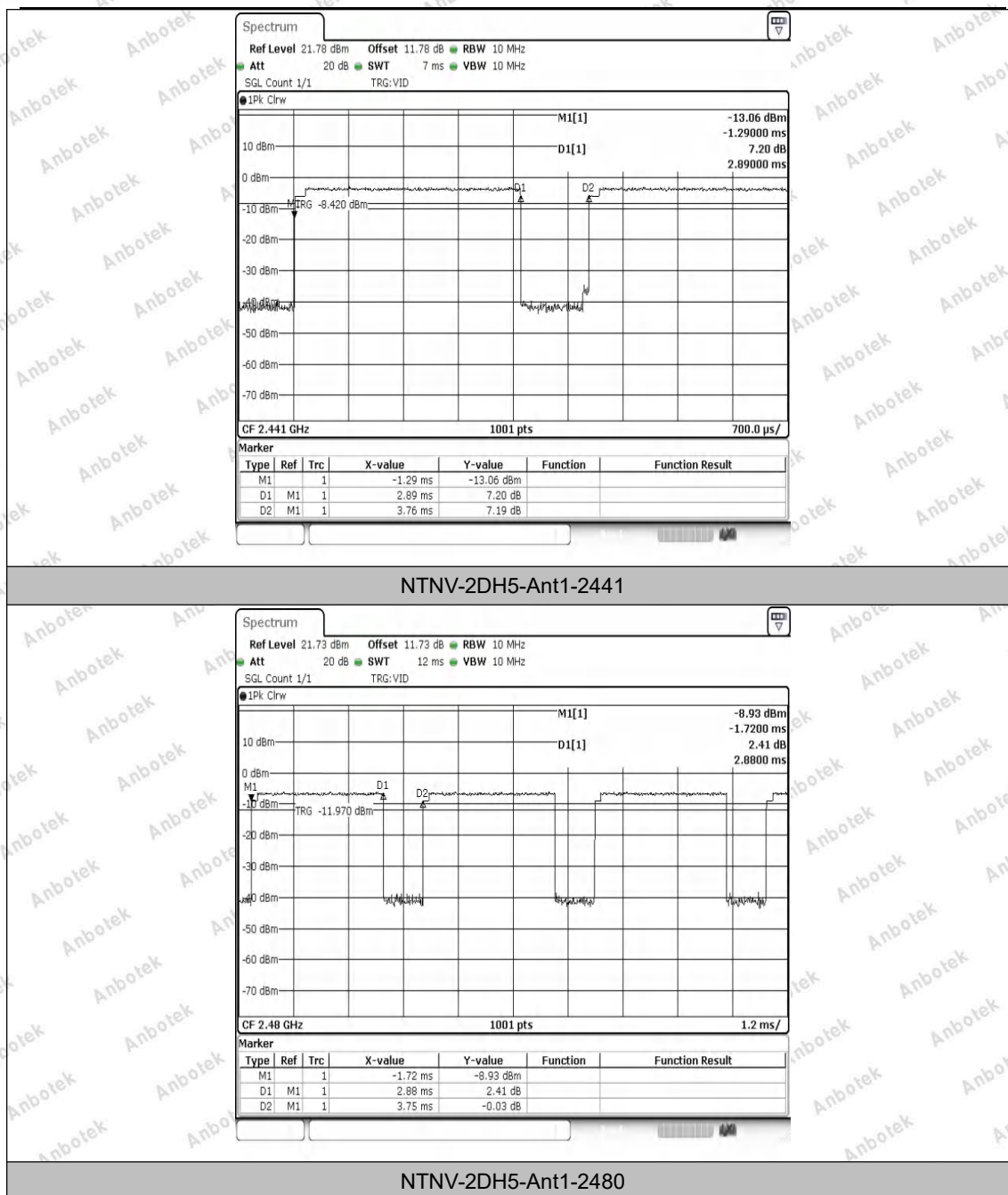
TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.88	3.75	76.80	1.15
DH5	Ant1	2441	2.89	3.75	77.07	1.13
DH5	Ant1	2480	2.88	3.75	76.80	1.15
2DH5	Ant1	2402	2.88	3.75	76.80	1.15
2DH5	Ant1	2441	2.89	3.76	76.86	1.14
2DH5	Ant1	2480	2.88	3.75	76.80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

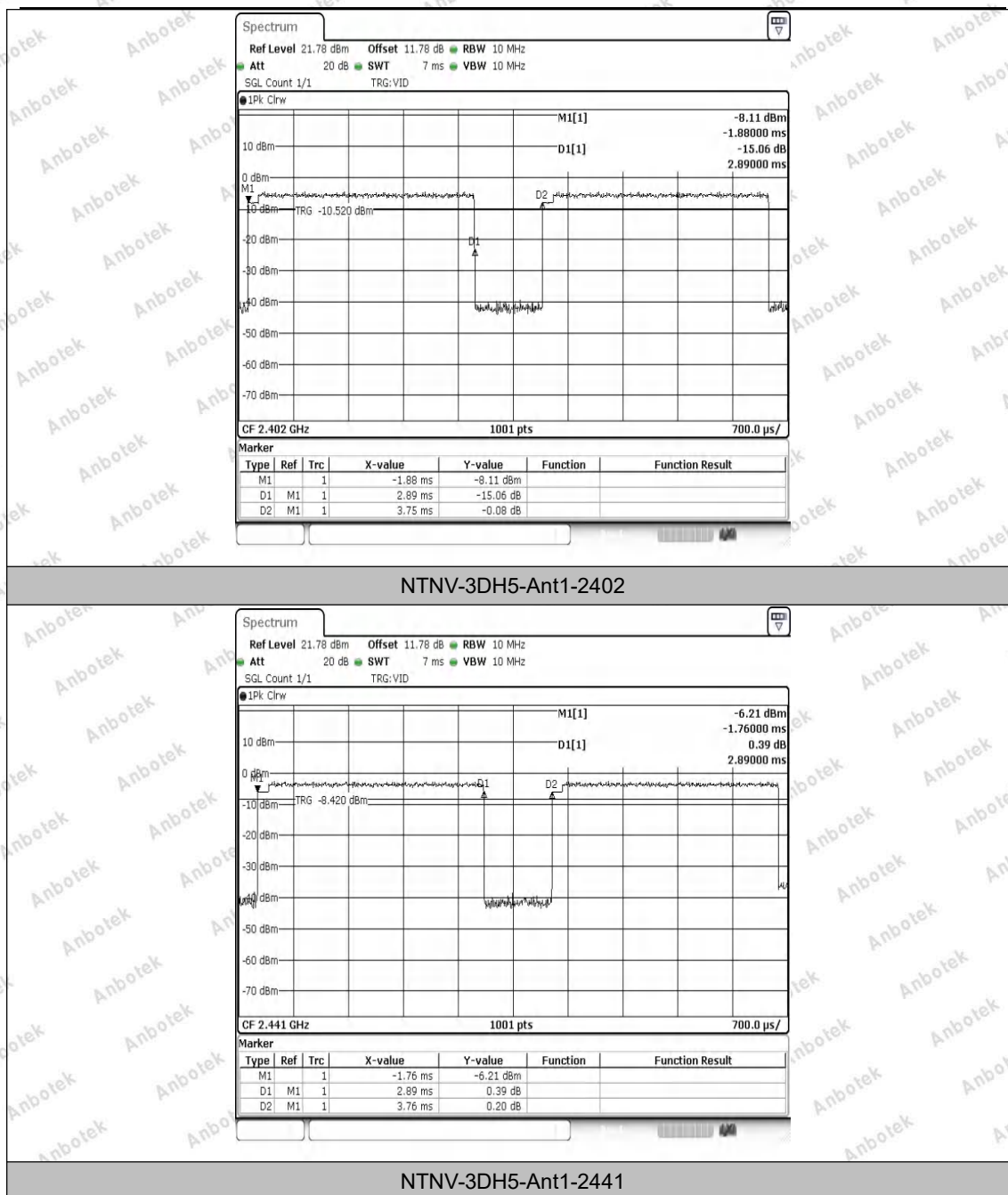


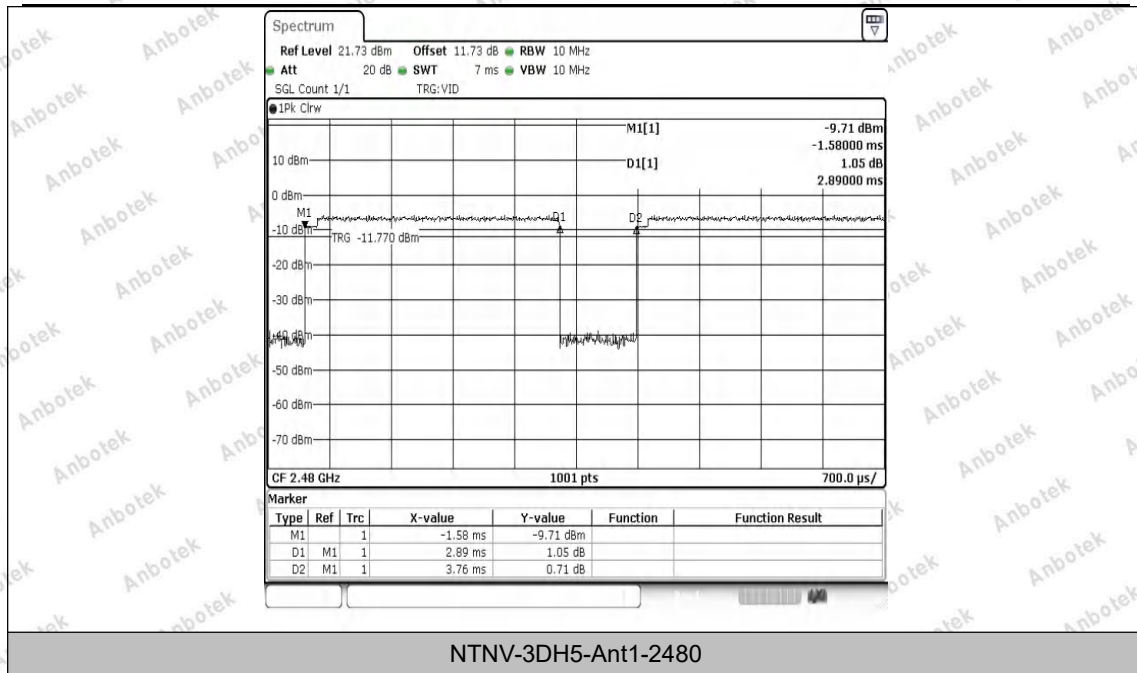
Test Graphs











---END---

