

Appendix Test Data

Report No.:	182519C40054101	Test Sample No.:	1-2-2
Start Test Date:	2024.6.4	Finish Test Date:	2024.6.12
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	25.5℃	Relative Humidity:	47%
Pressure:	101kPa		

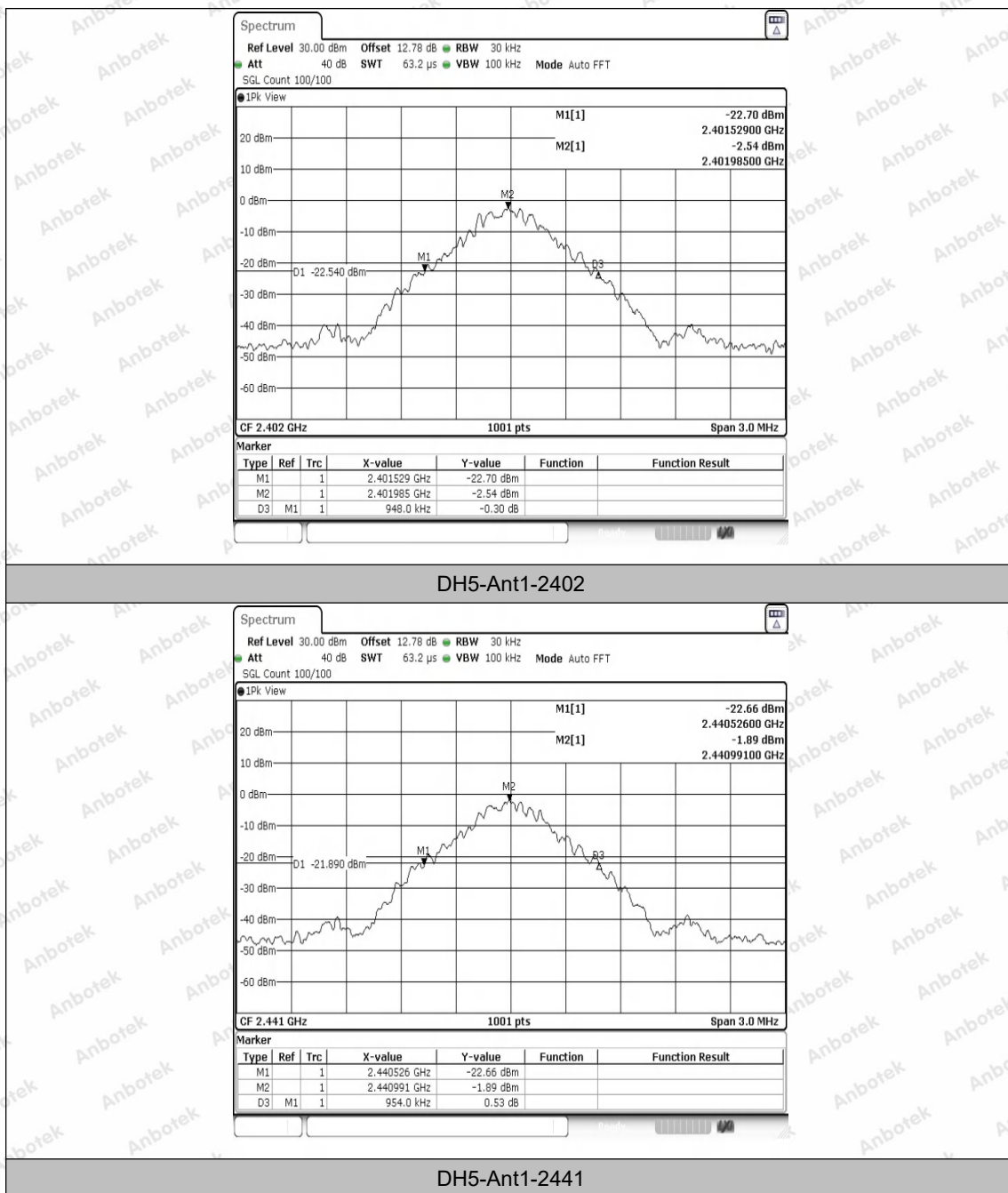
Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.95	2401.53	2402.48	---	---
DH5	Ant1	2441	0.95	2440.53	2441.48	---	---
DH5	Ant1	2480	0.98	2479.50	2480.48	---	---
2DH5	Ant1	2402	1.30	2401.36	2402.65	---	---
2DH5	Ant1	2441	1.28	2440.36	2441.64	---	---
2DH5	Ant1	2480	1.32	2479.33	2480.65	---	---
3DH5	Ant1	2402	1.30	2401.35	2402.65	---	---
3DH5	Ant1	2441	1.29	2440.35	2441.64	---	---
3DH5	Ant1	2480	1.30	2479.35	2480.65	---	---



Test Graphs



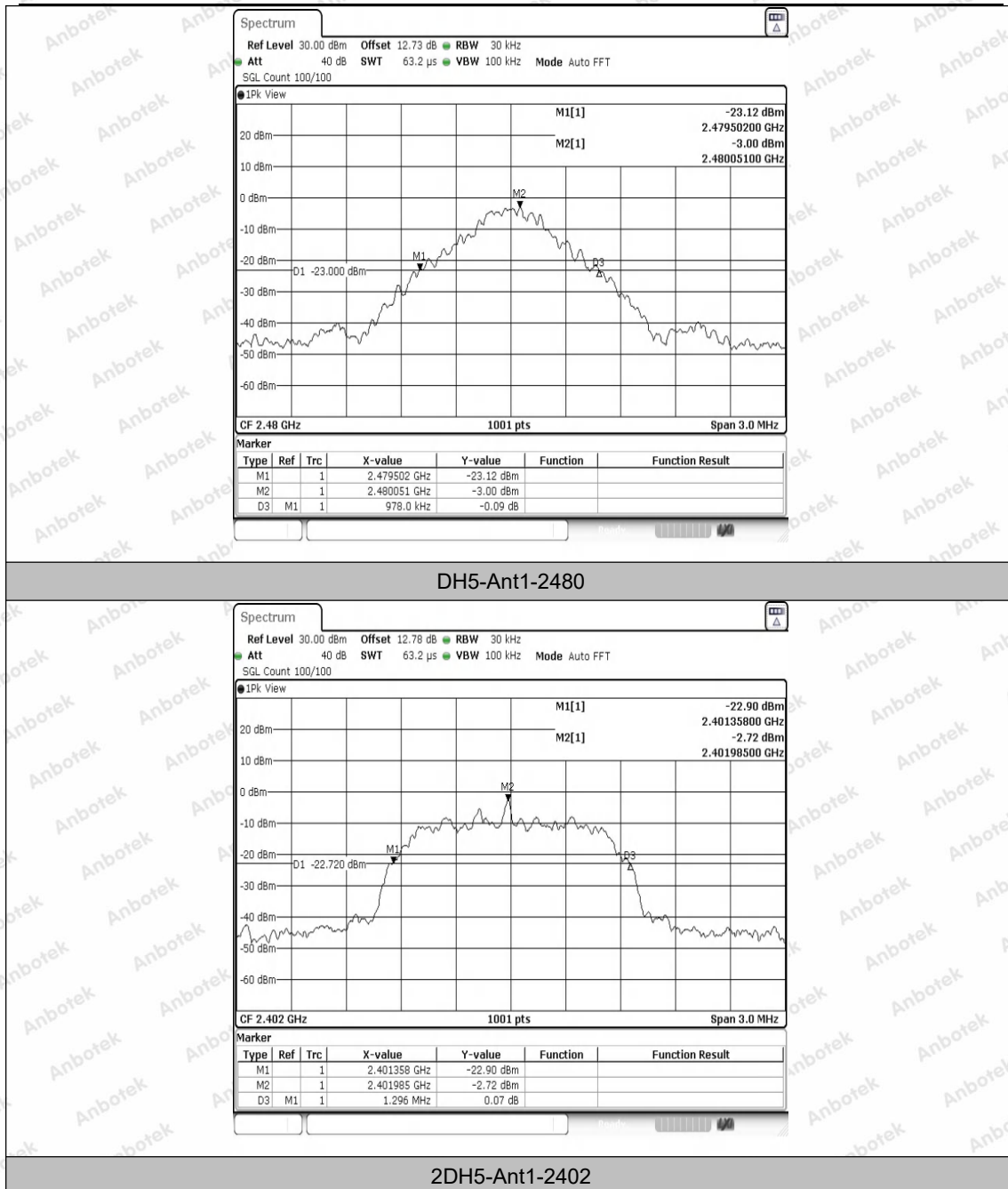
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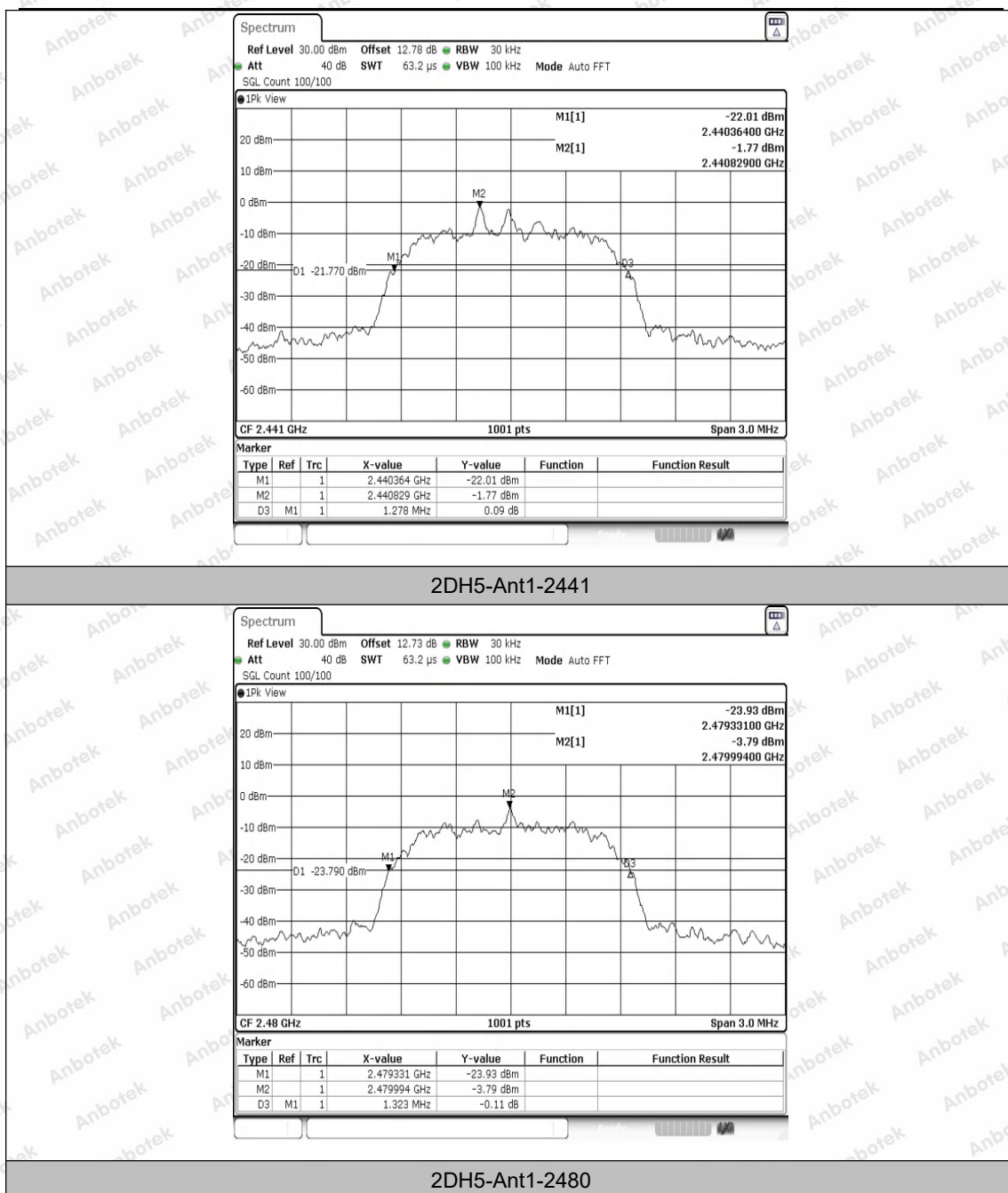
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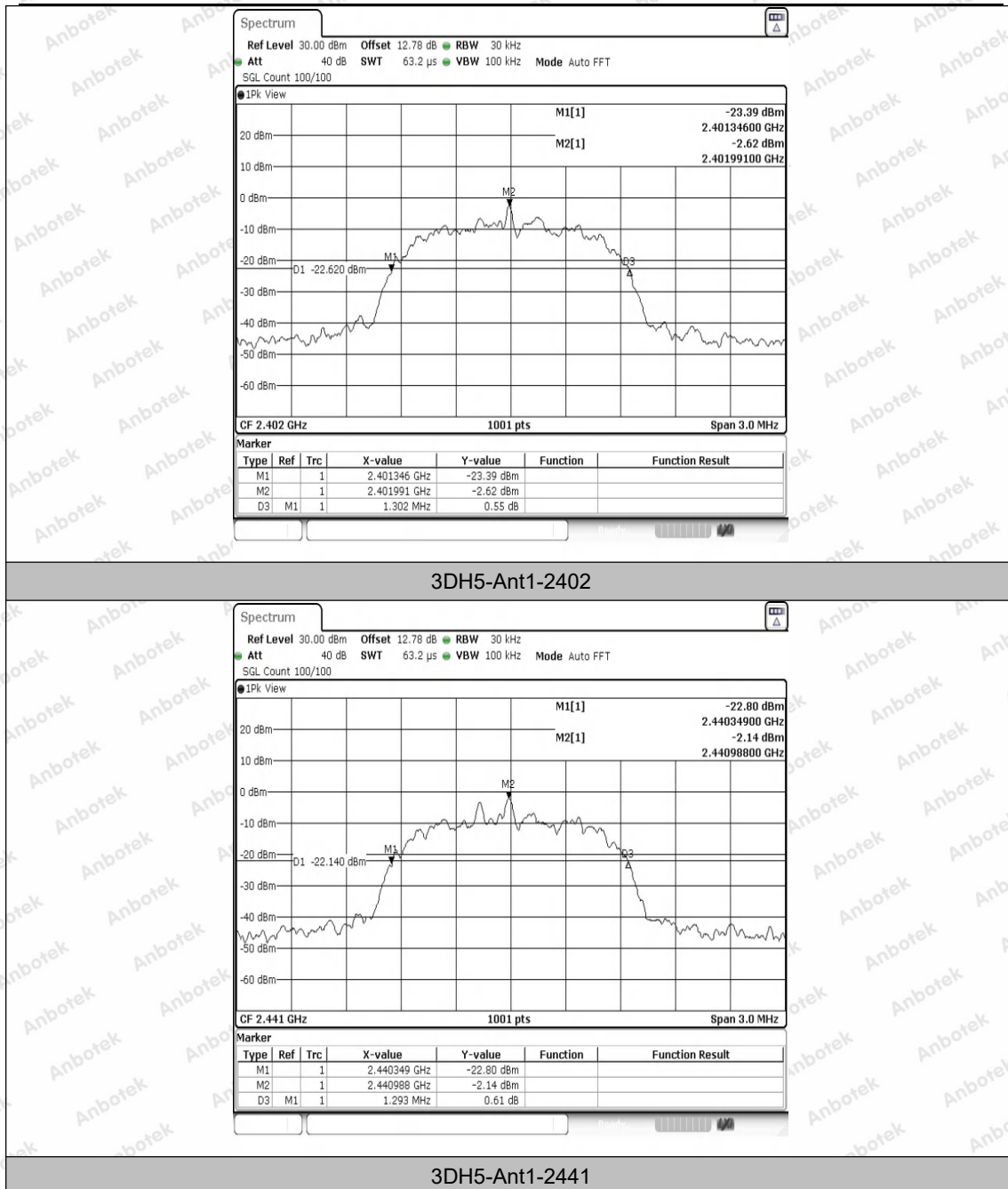


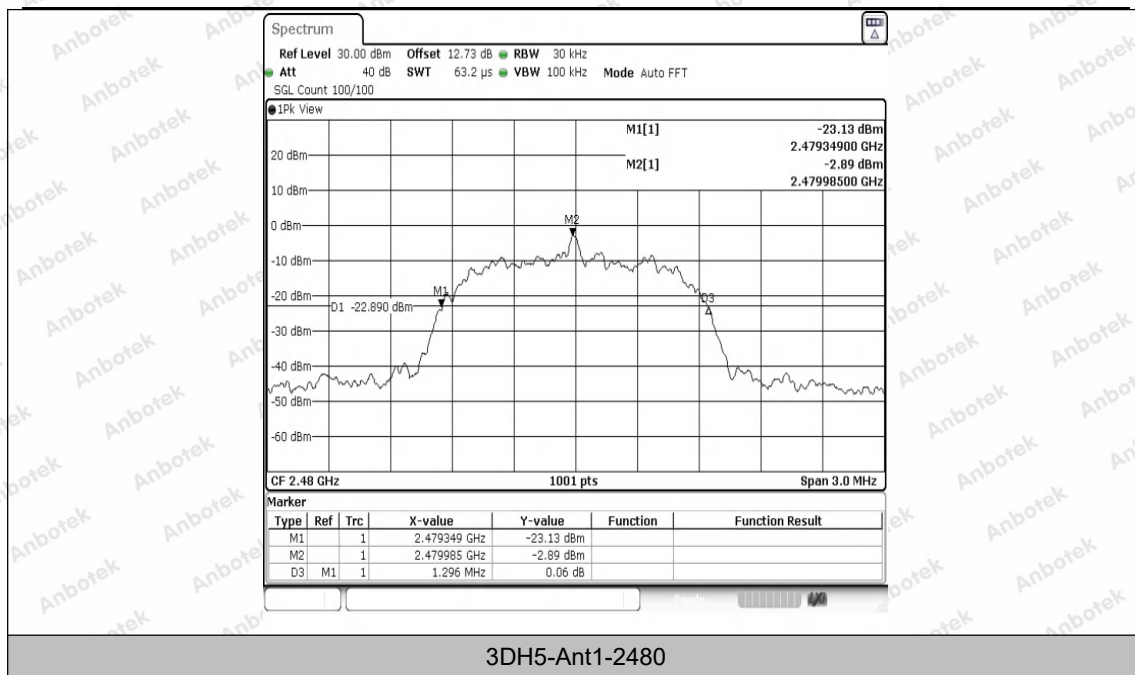
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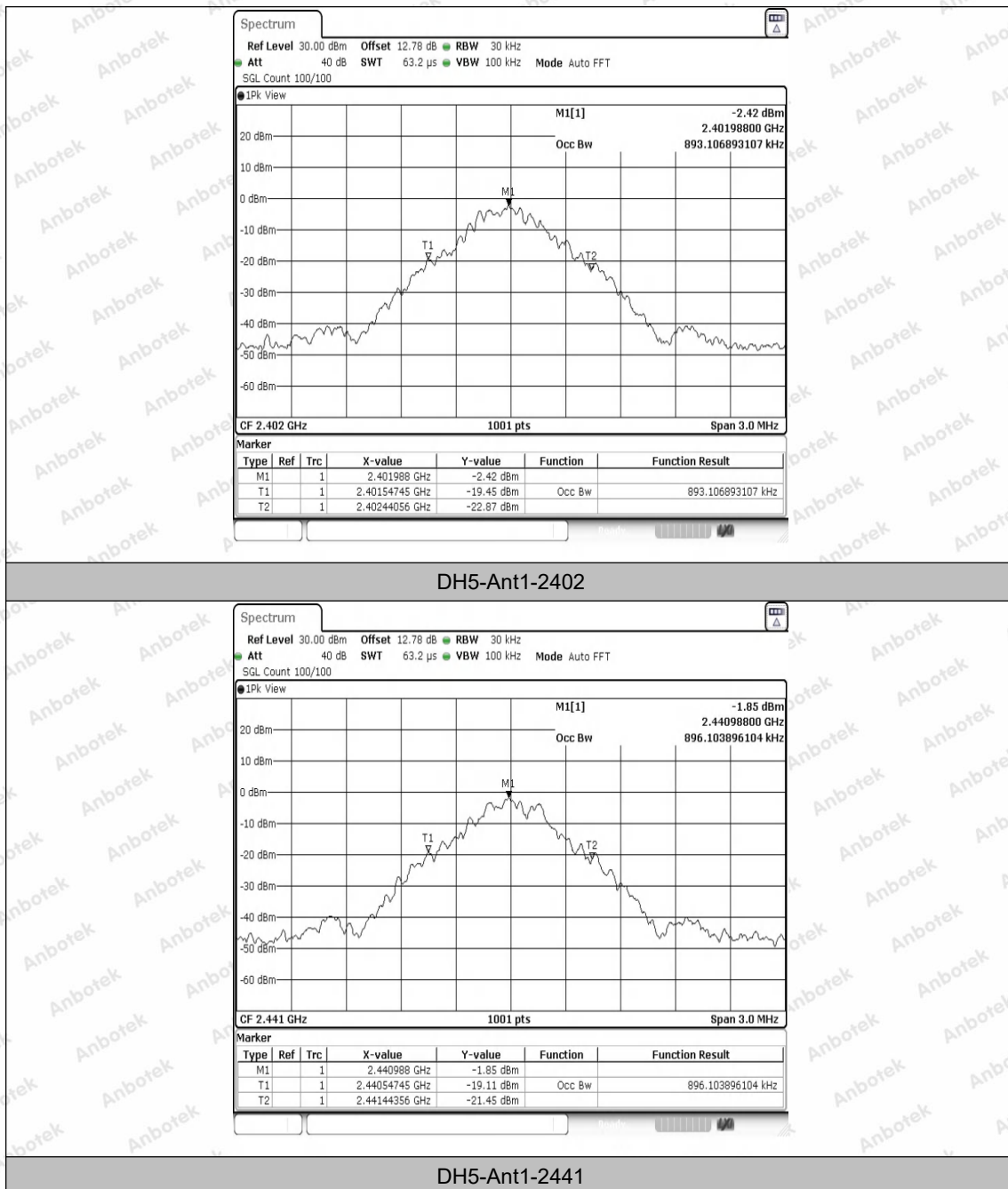
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.893	2401.5475	2402.4406	---	---
DH5	Ant1	2441	0.896	2440.5475	2441.4436	---	---
DH5	Ant1	2480	0.881	2479.5534	2480.4346	---	---
2DH5	Ant1	2402	1.184	2401.4006	2402.5844	---	---
2DH5	Ant1	2441	1.208	2440.3916	2441.5994	---	---
2DH5	Ant1	2480	1.196	2479.3976	2480.5934	---	---
3DH5	Ant1	2402	1.19	2401.3976	2402.5874	---	---
3DH5	Ant1	2441	1.19	2440.3976	2441.5874	---	---
3DH5	Ant1	2480	1.205	2479.3856	2480.5904	---	---



Test Graphs



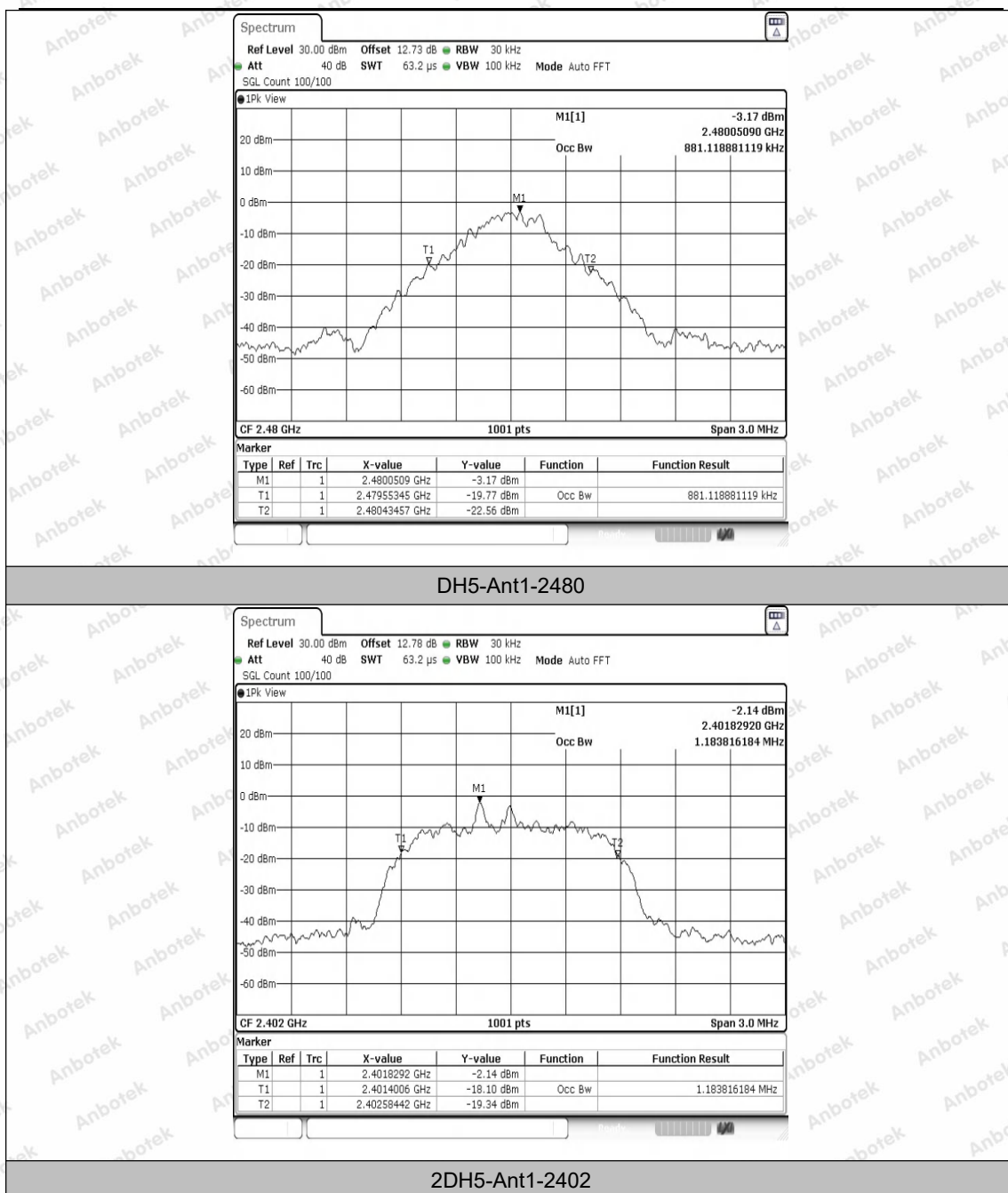
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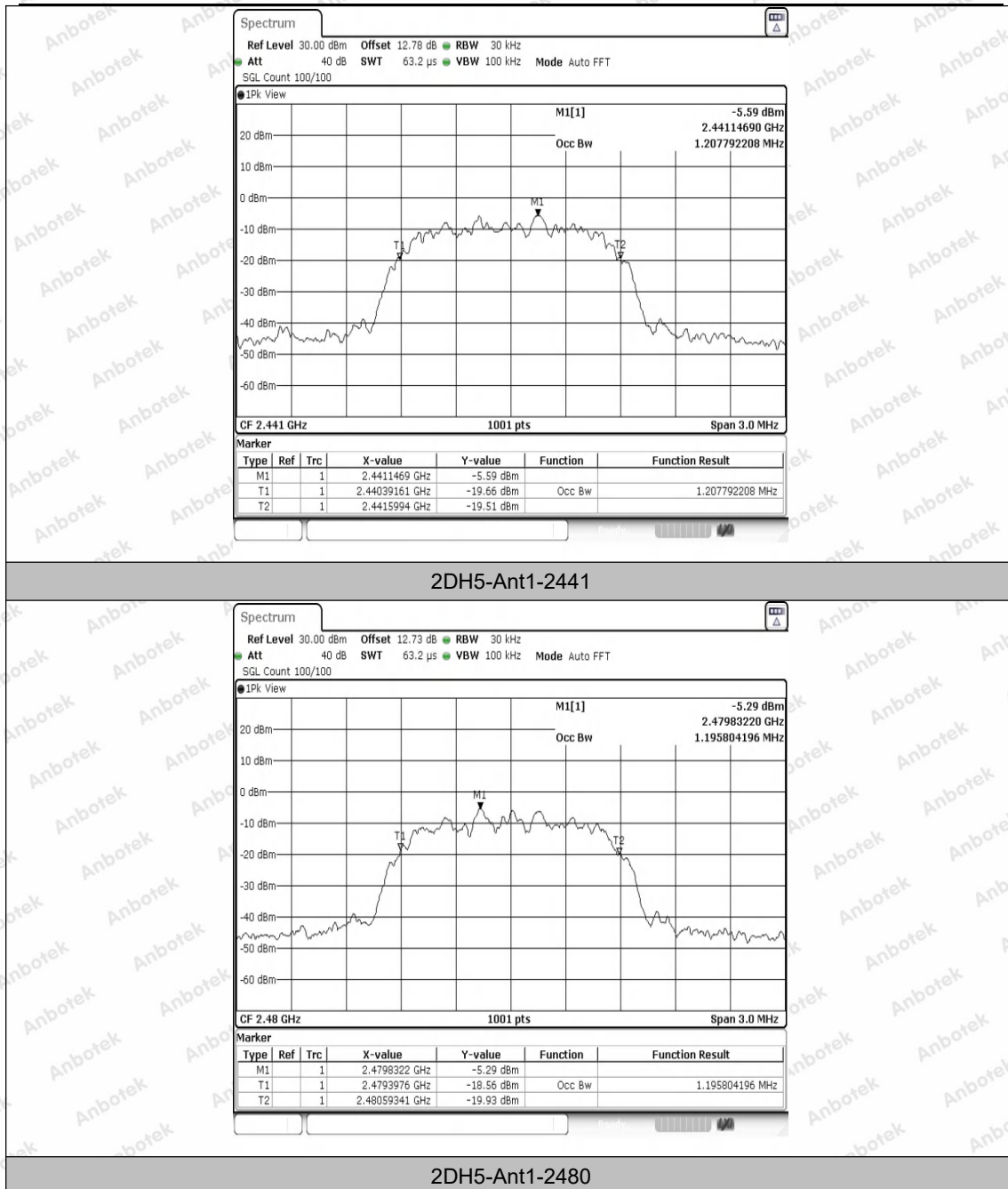
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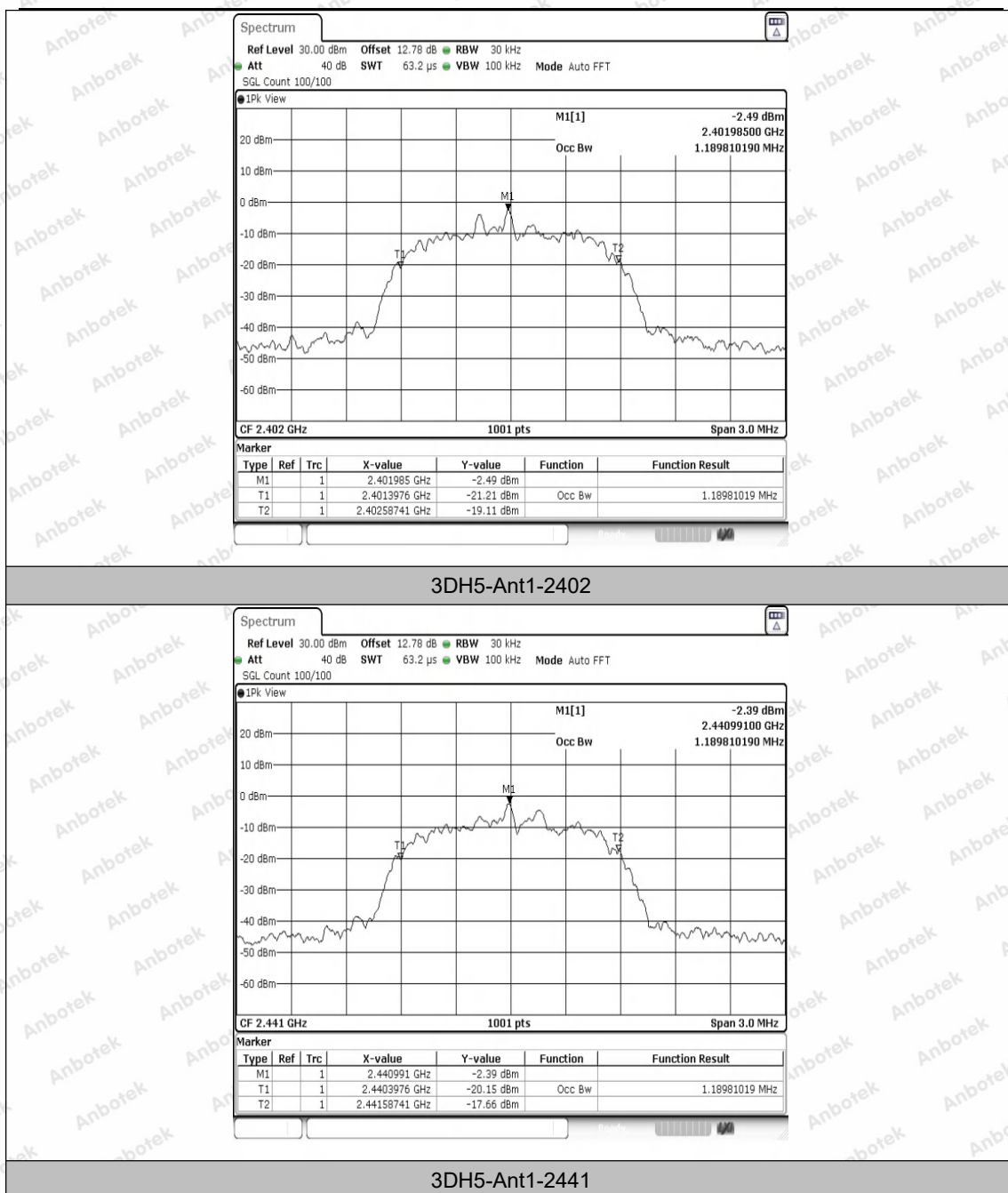
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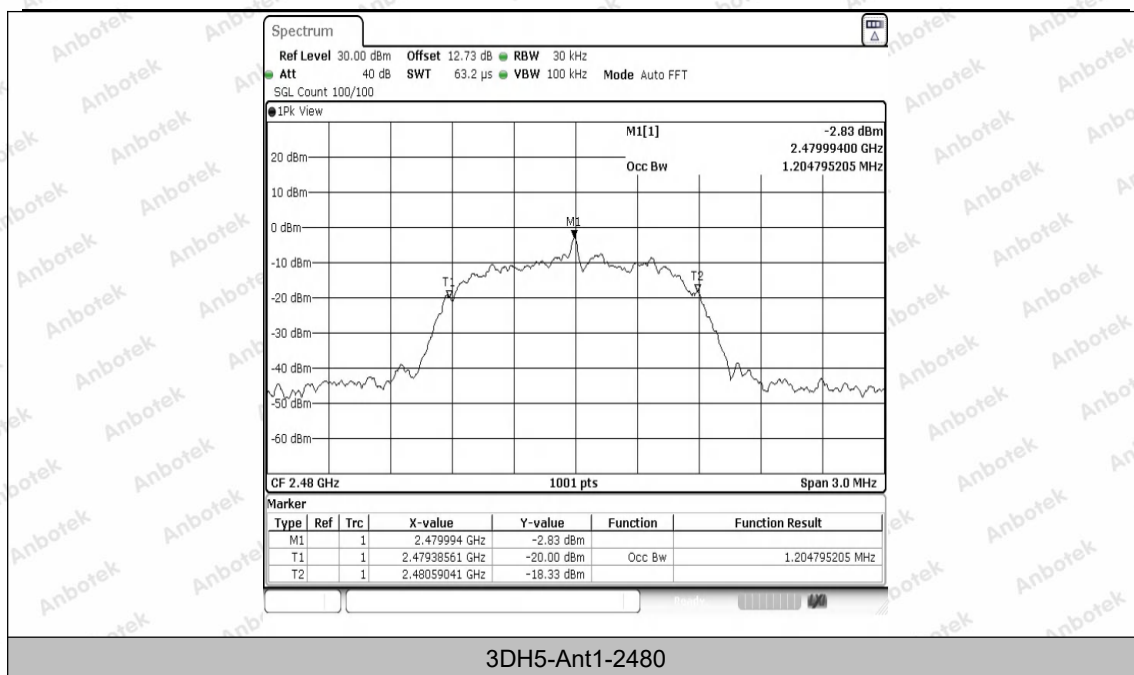
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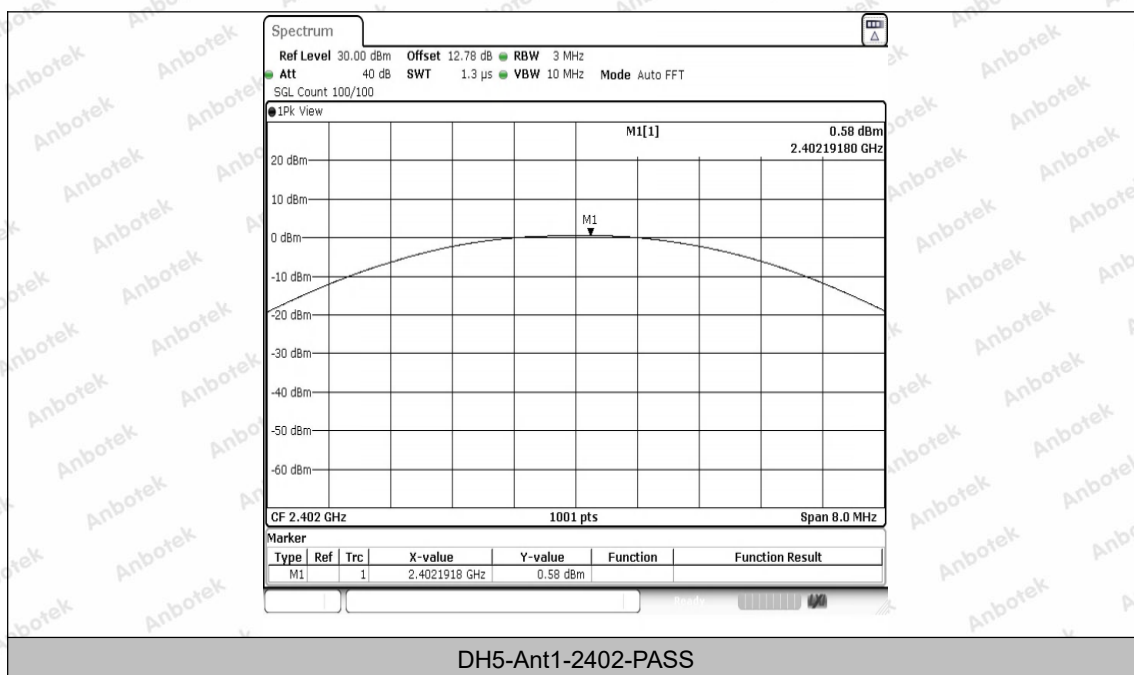


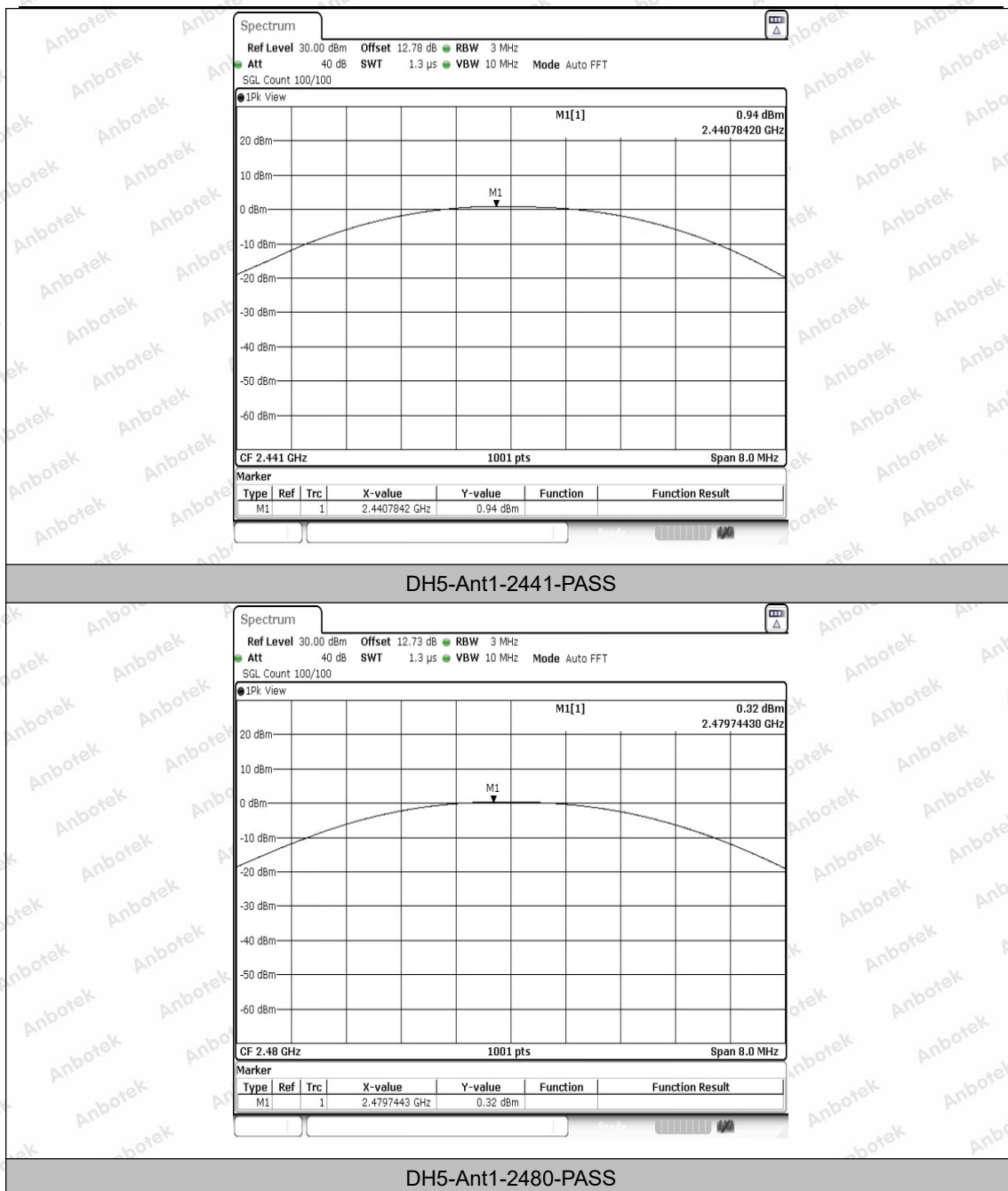
Appendix C: Maximum conducted output power

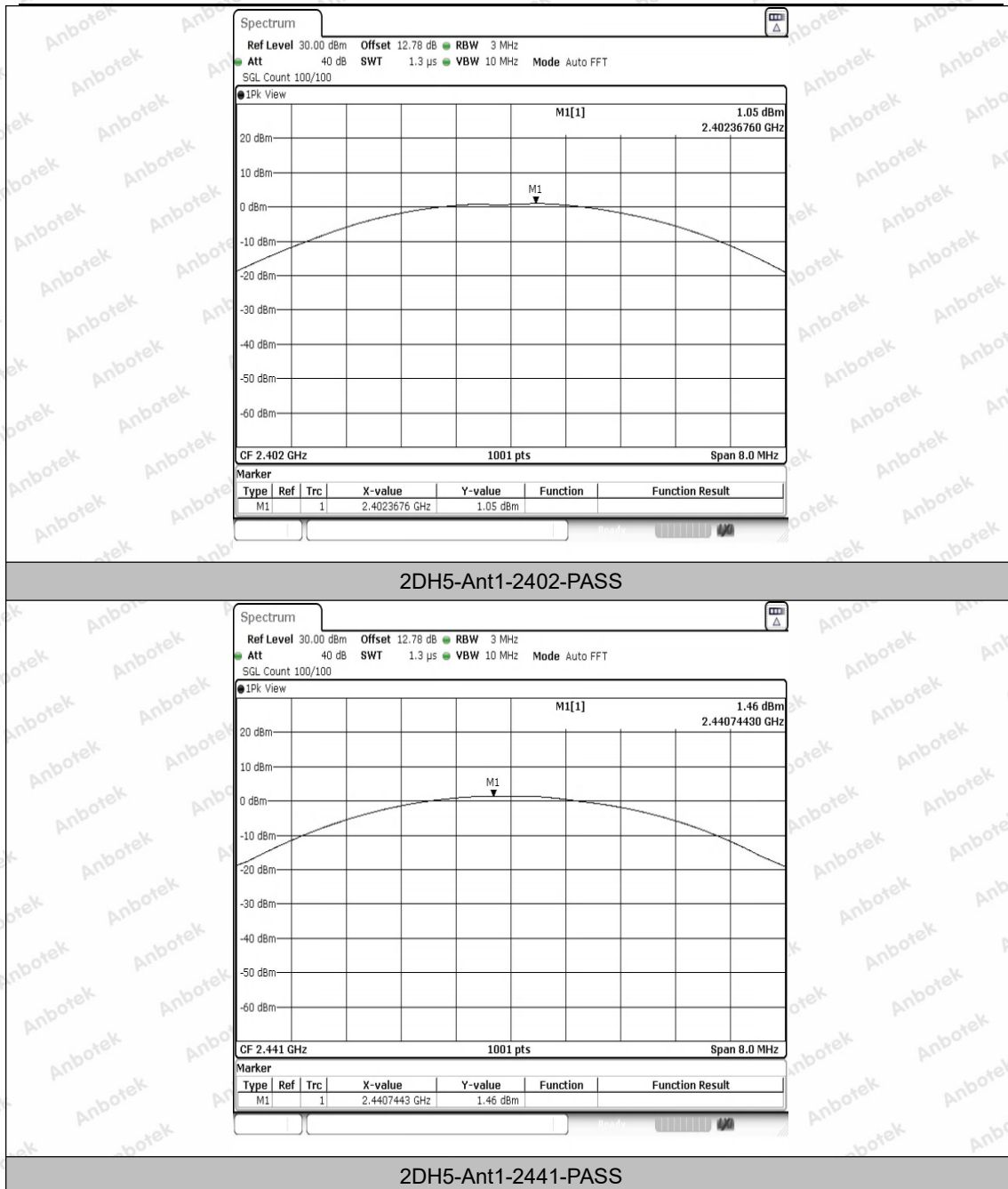
Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	0.58	≤20.97	PASS
DH5	Ant1	2441	0.94	≤20.97	PASS
DH5	Ant1	2480	0.32	≤20.97	PASS
2DH5	Ant1	2402	1.05	≤20.97	PASS
2DH5	Ant1	2441	1.46	≤20.97	PASS
2DH5	Ant1	2480	0.71	≤20.97	PASS
3DH5	Ant1	2402	1.06	≤20.97	PASS
3DH5	Ant1	2441	1.57	≤20.97	PASS
3DH5	Ant1	2480	1.01	≤20.97	PASS

Test Graphs





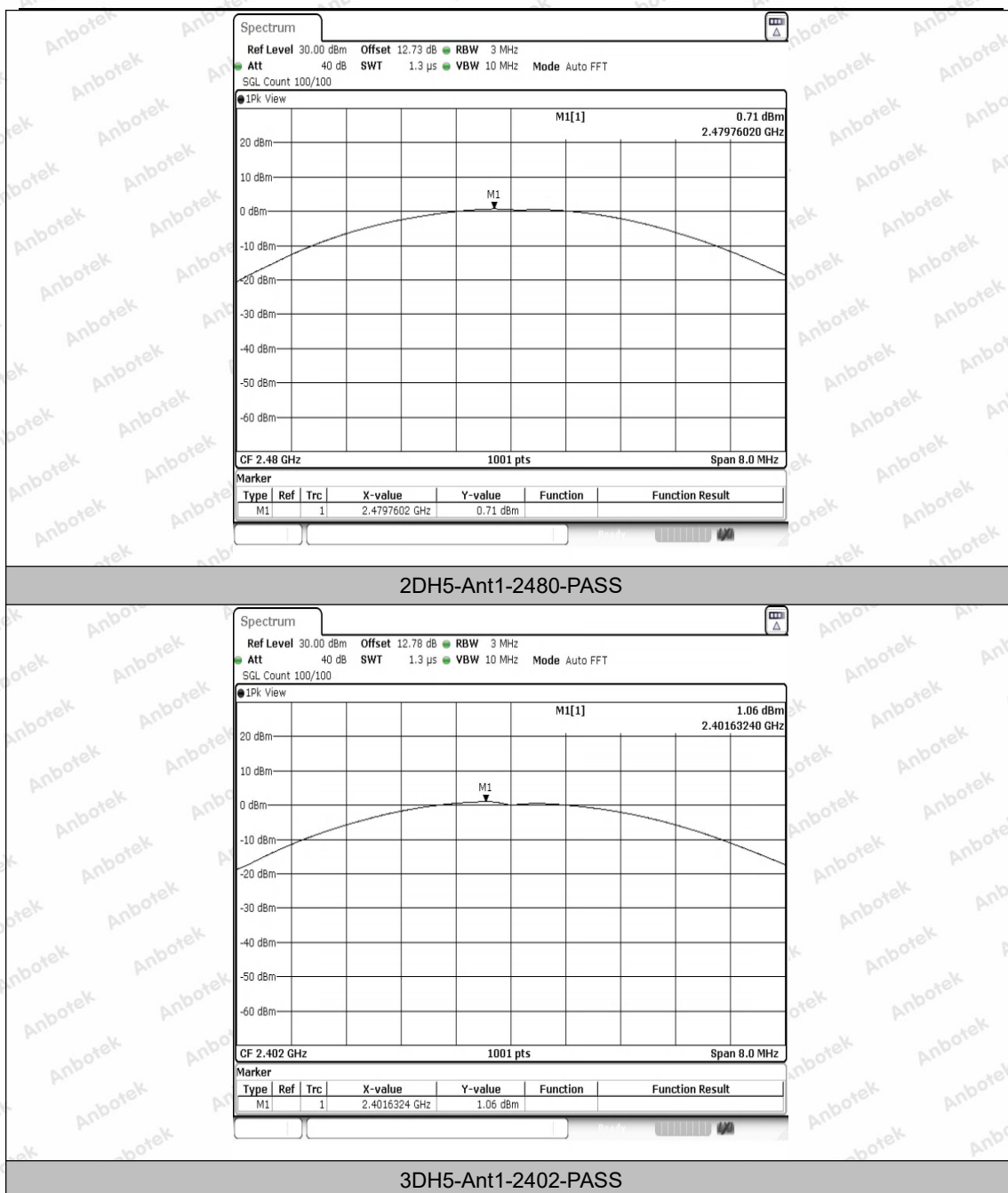
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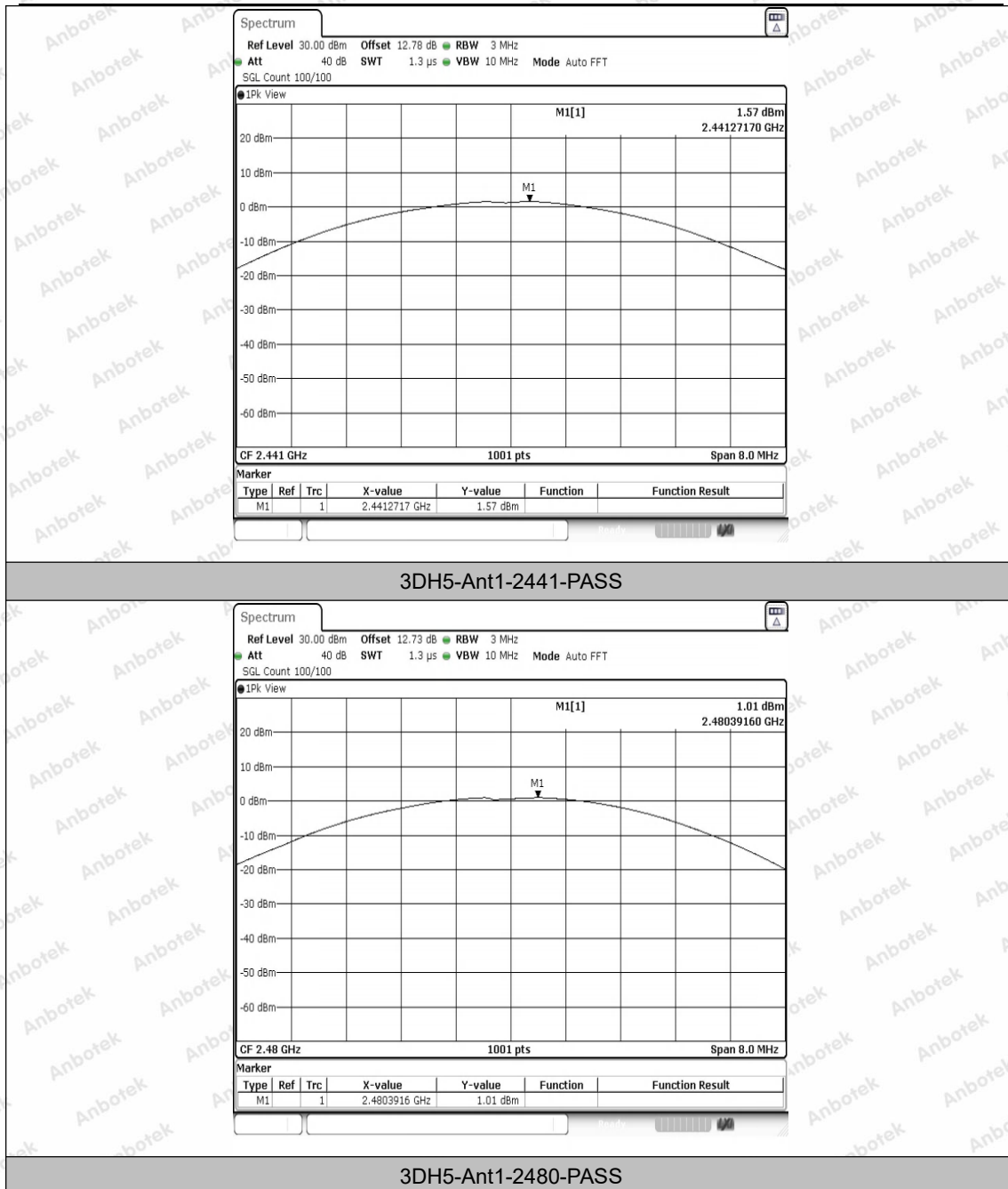
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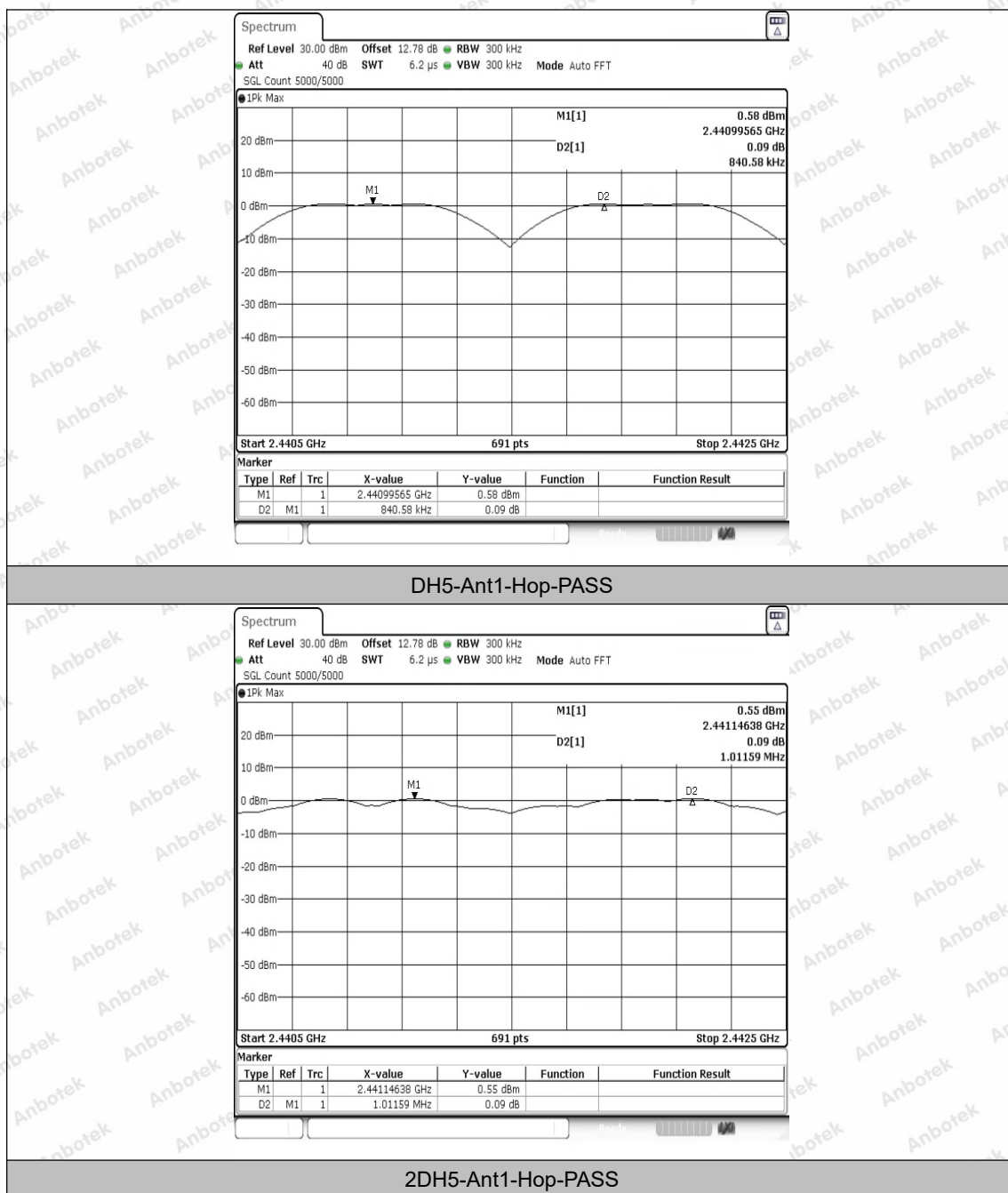


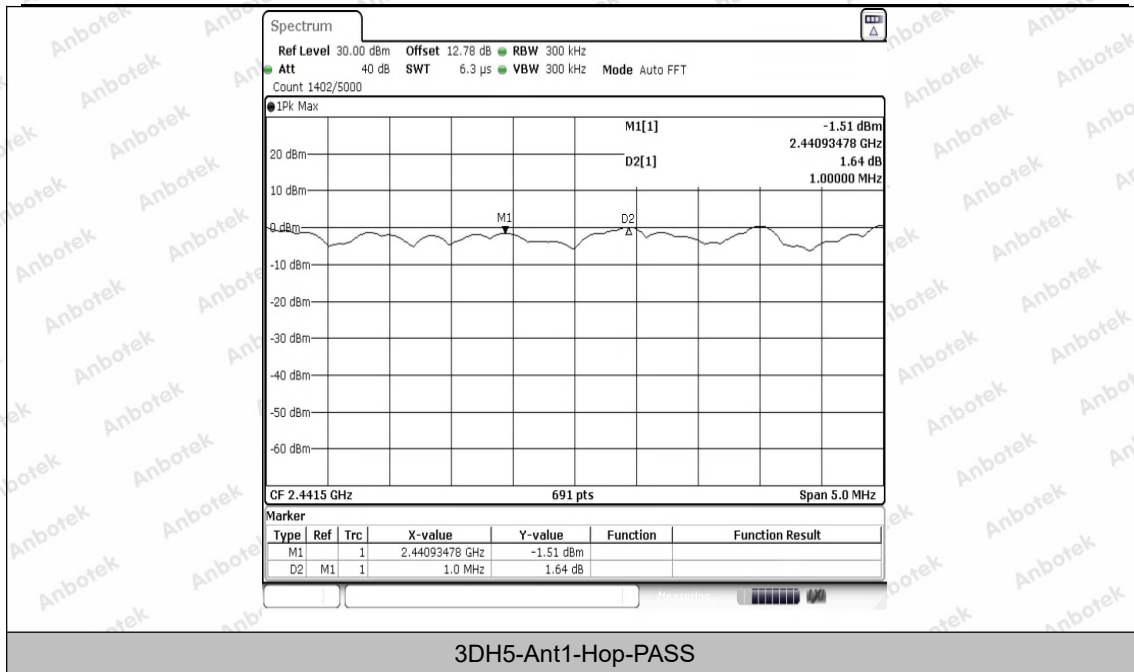
Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.841	≥0.653	PASS
2DH5	Ant1	Hop	1.012	≥0.880	PASS
3DH5	Ant1	Hop	1	≥0.867	PASS

Test Graphs



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Appendix E: Time of occupancy

Test Result

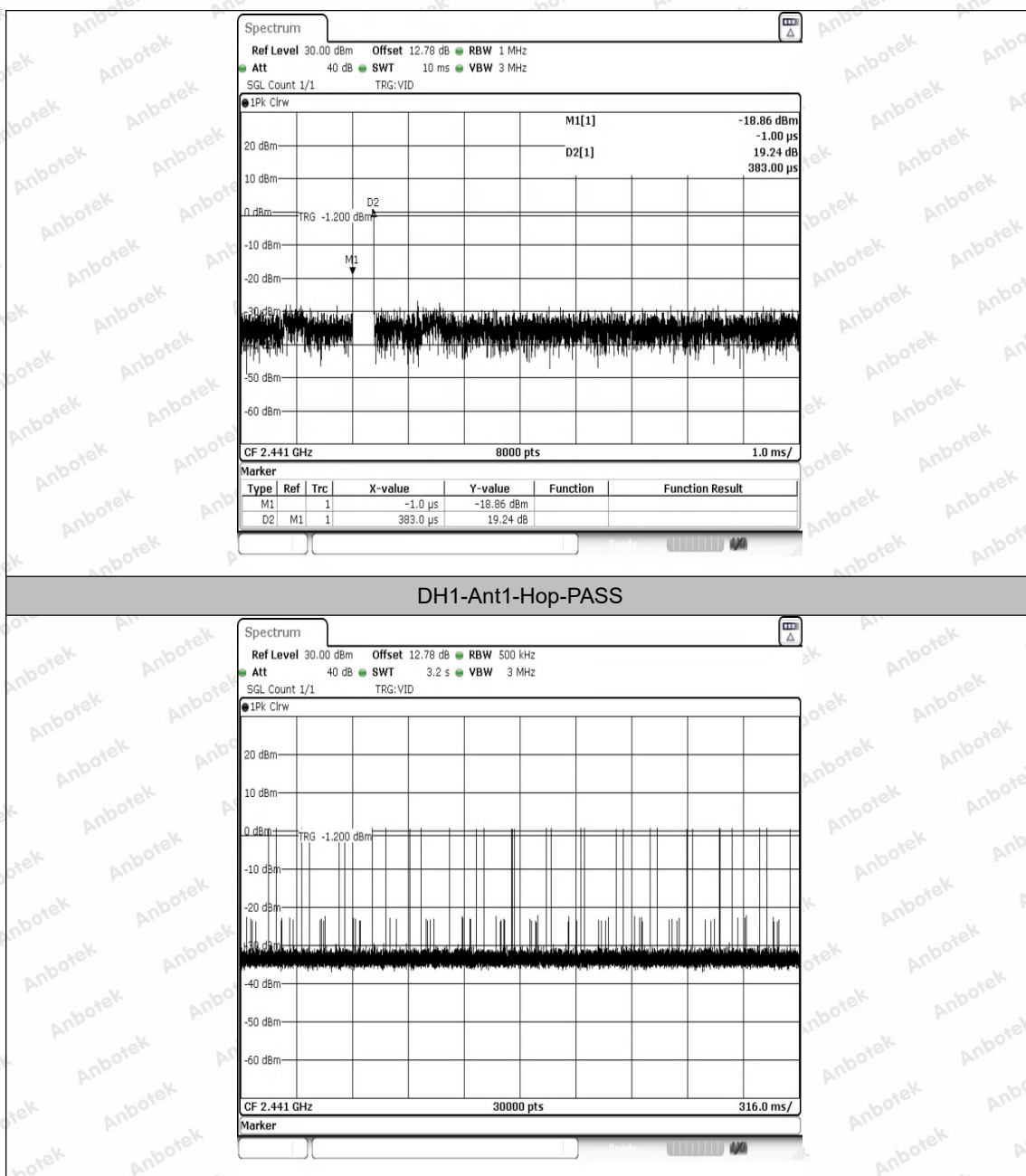
TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.383	330	0.126	≤0.4	PASS
DH3	Ant1	Hop	1.638	160	0.262	≤0.4	PASS
DH5	Ant1	Hop	2.887	130	0.375	≤0.4	PASS
2DH1	Ant1	Hop	0.391	330	0.129	≤0.4	PASS
2DH3	Ant1	Hop	1.643	140	0.23	≤0.4	PASS
2DH5	Ant1	Hop	2.892	110	0.318	≤0.4	PASS
3DH1	Ant1	Hop	0.391	330	0.129	≤0.4	PASS
3DH3	Ant1	Hop	1.641	190	0.312	≤0.4	PASS
3DH5	Ant1	Hop	2.894	120	0.347	≤0.4	PASS

Note: Result=BurstWidth* TotalHops

TotalHops=Test result(Swpee time in 3160ms)*10



Test Graphs



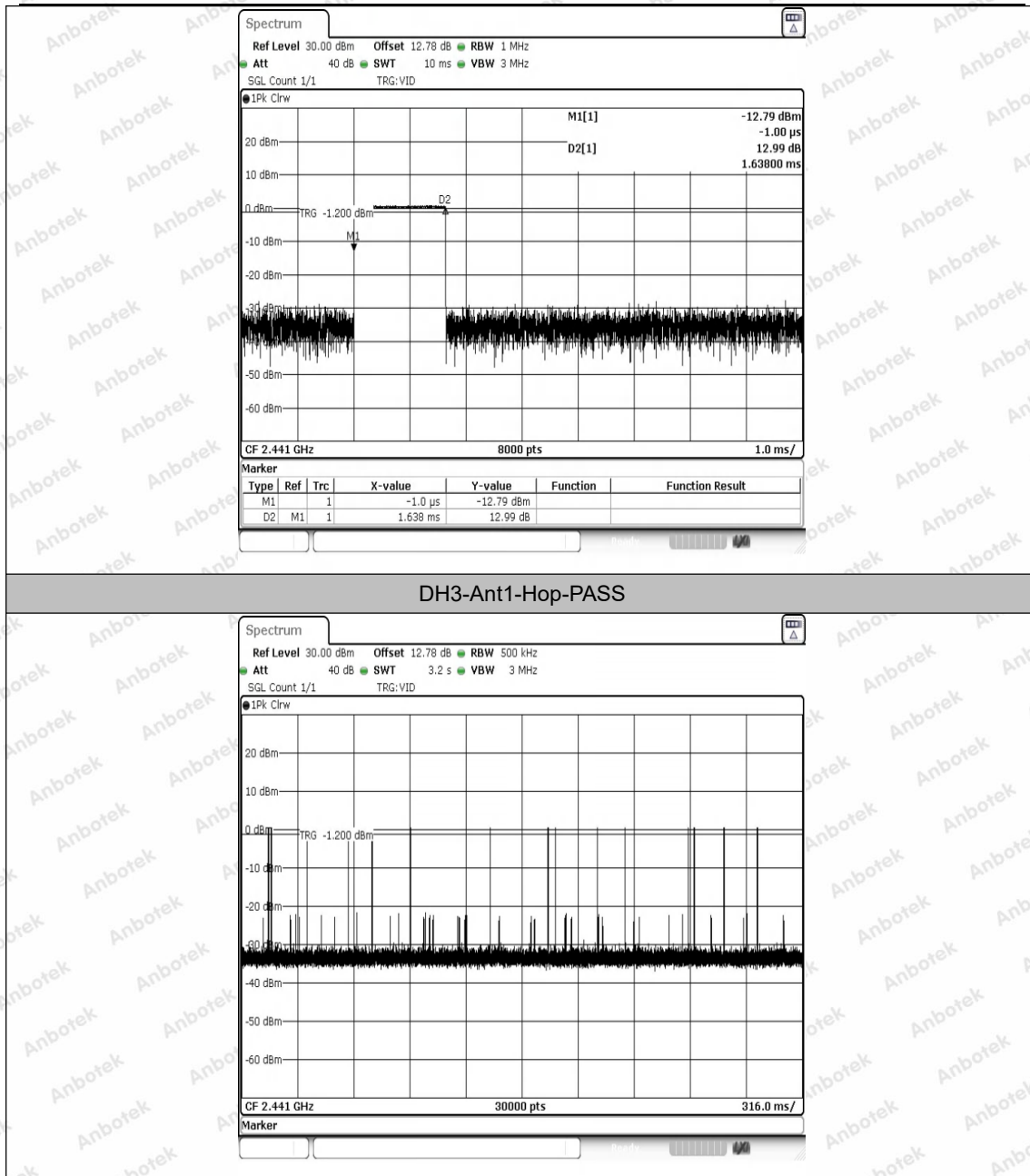
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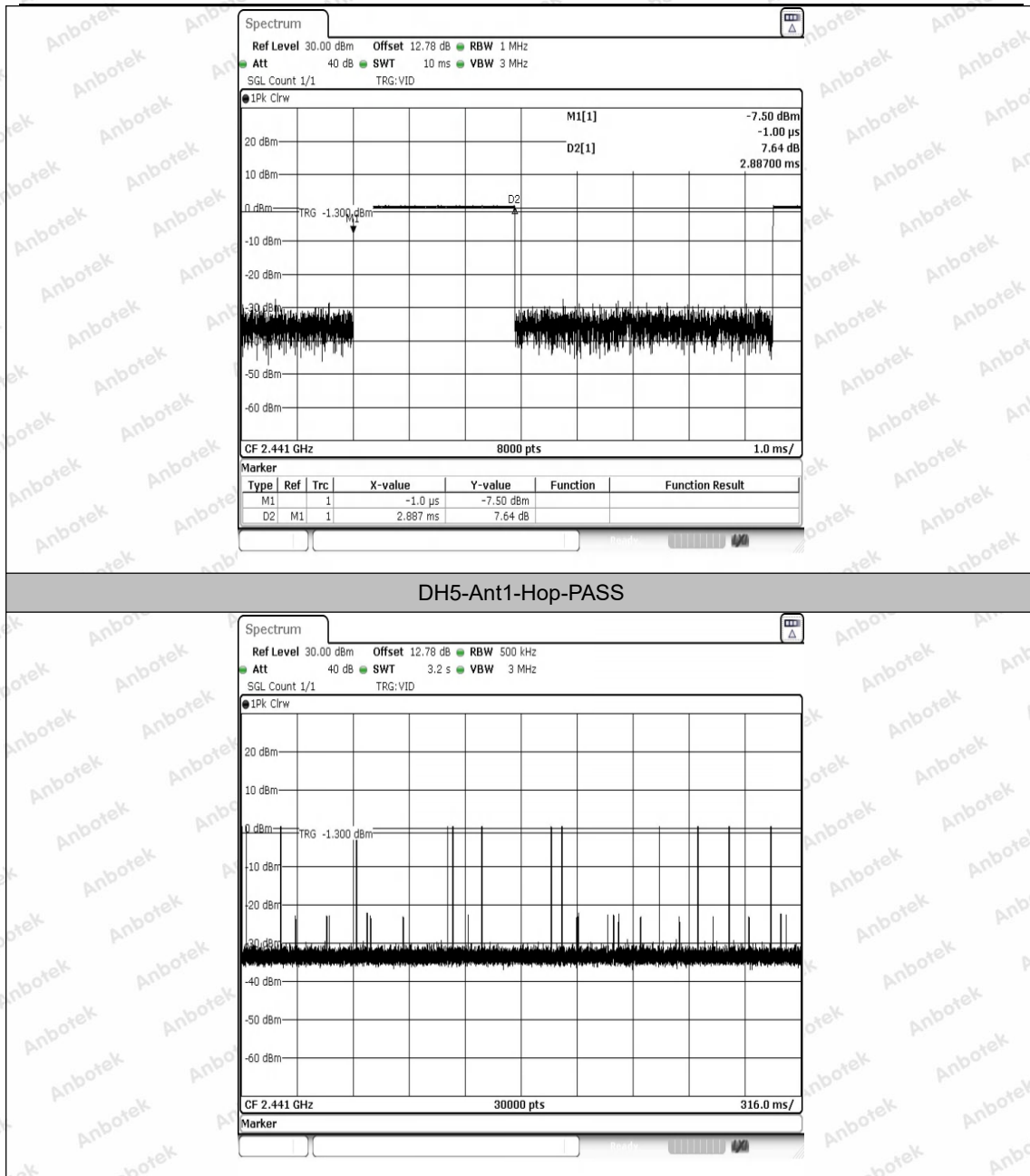
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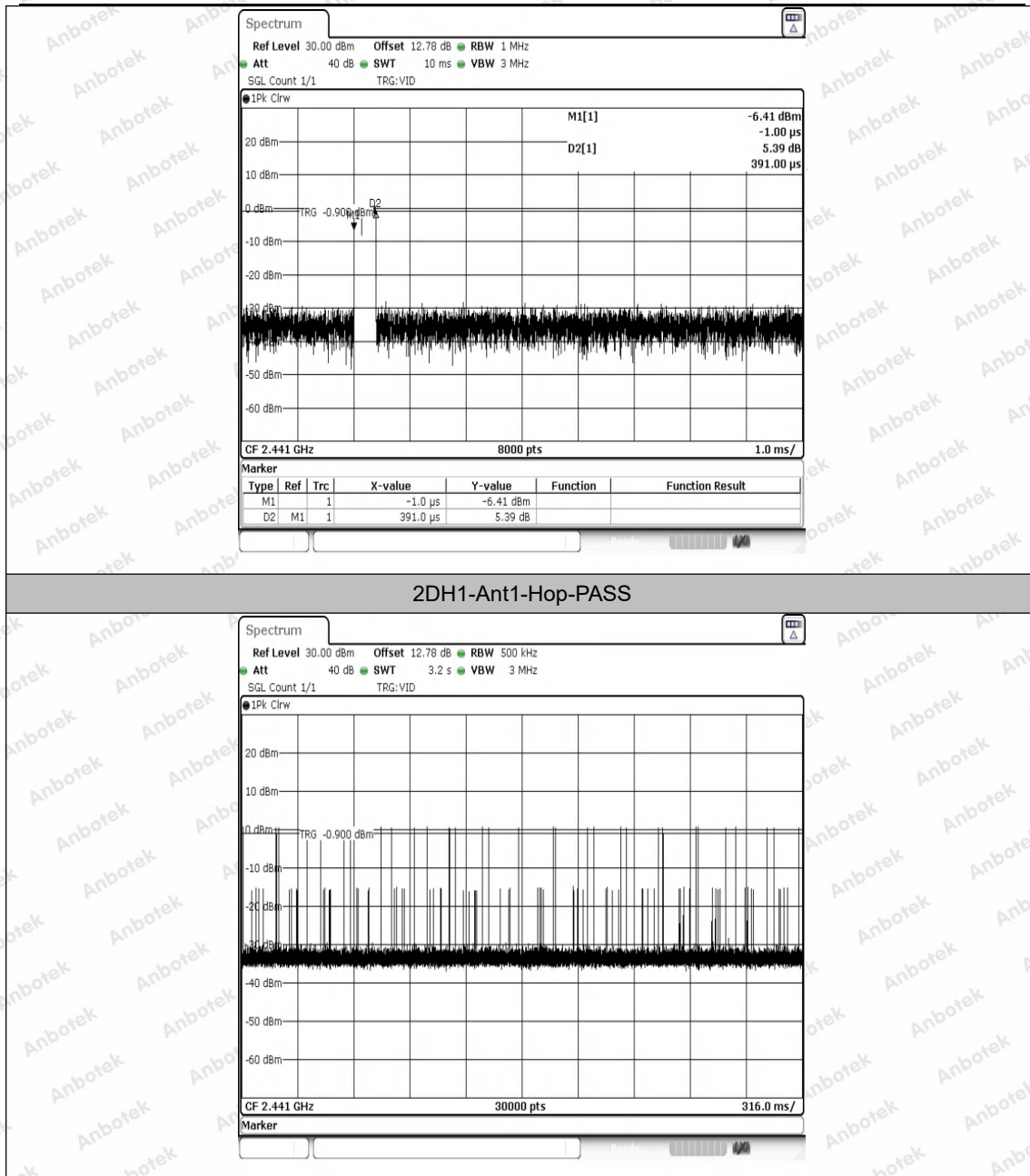
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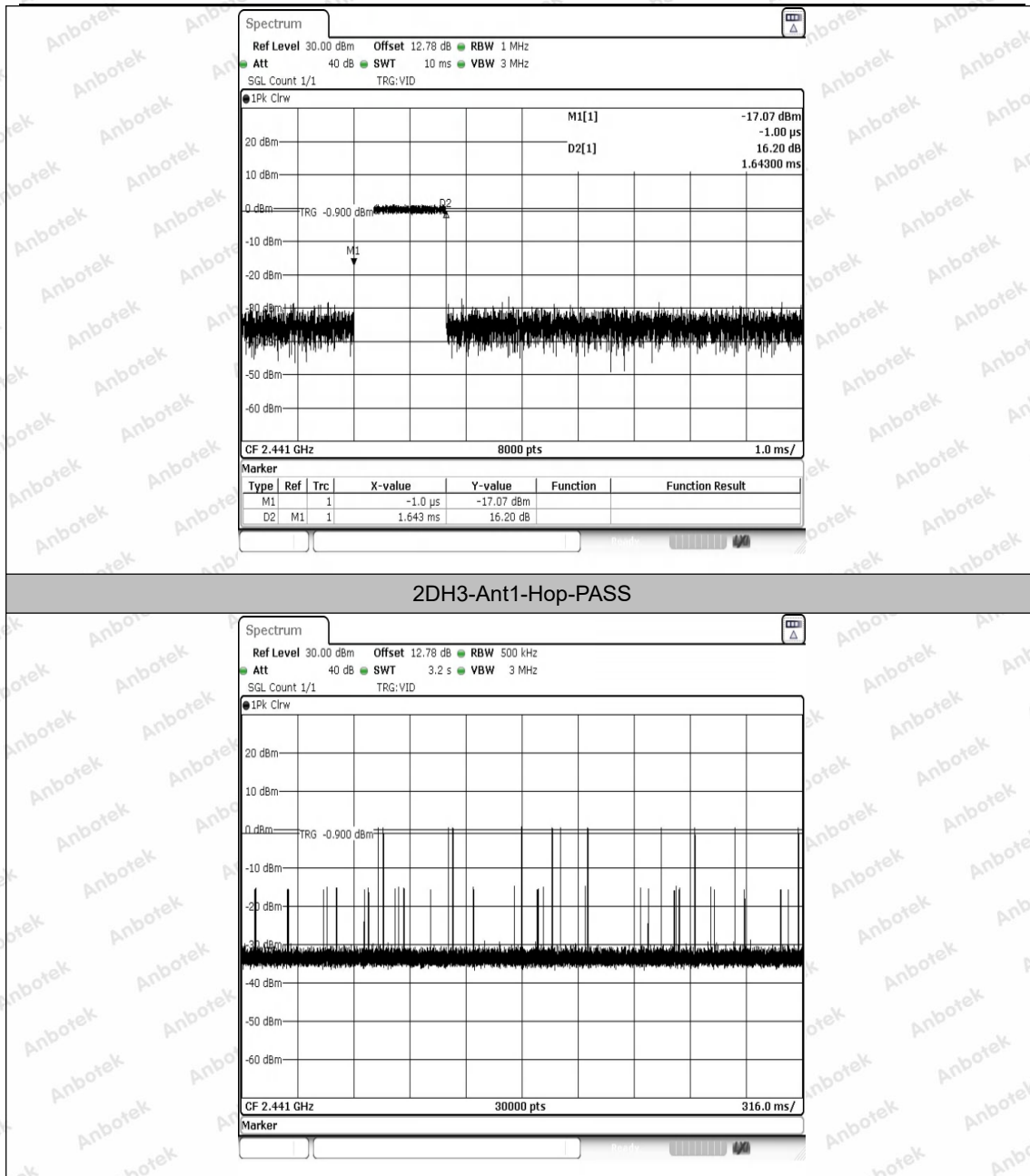
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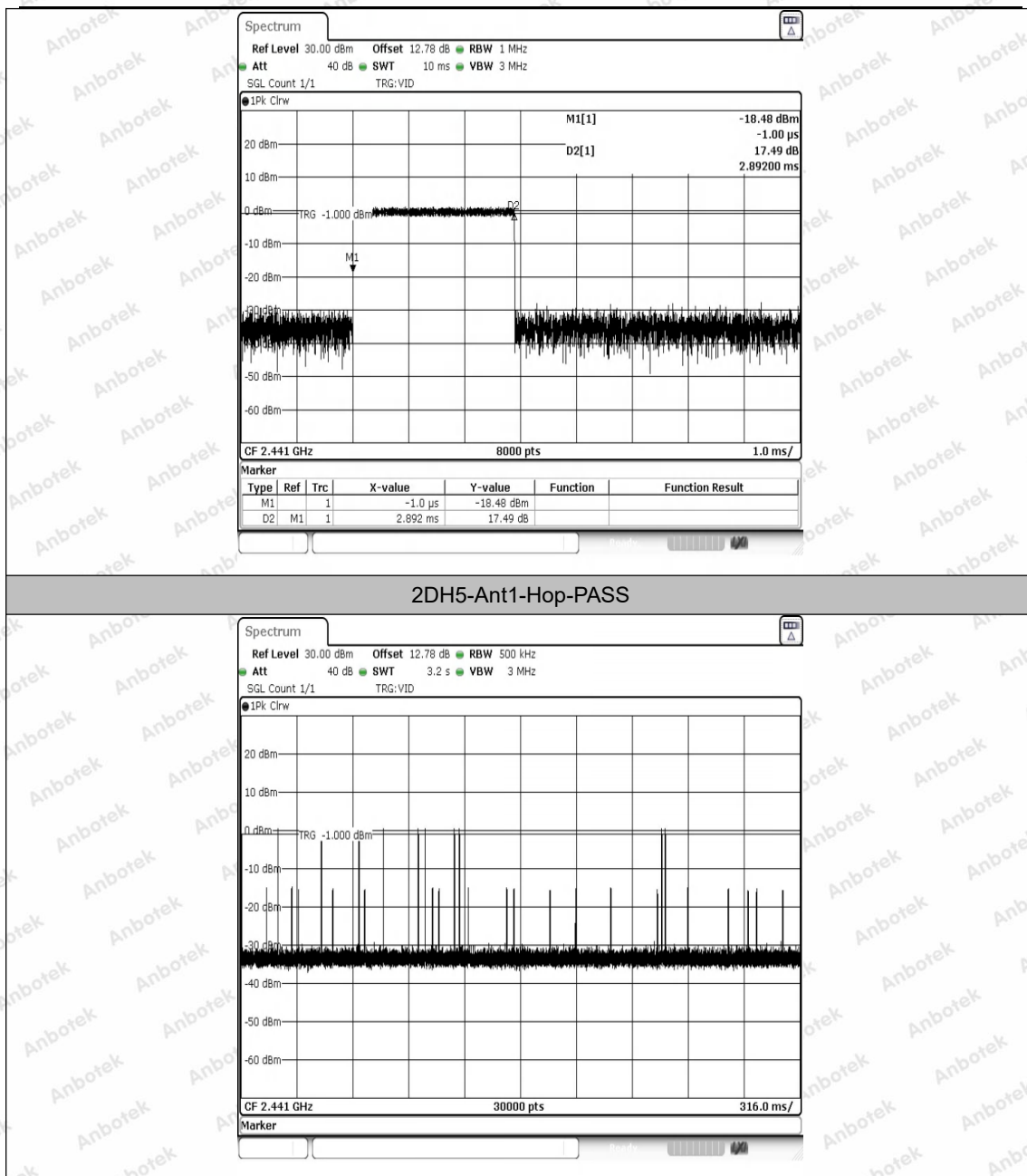


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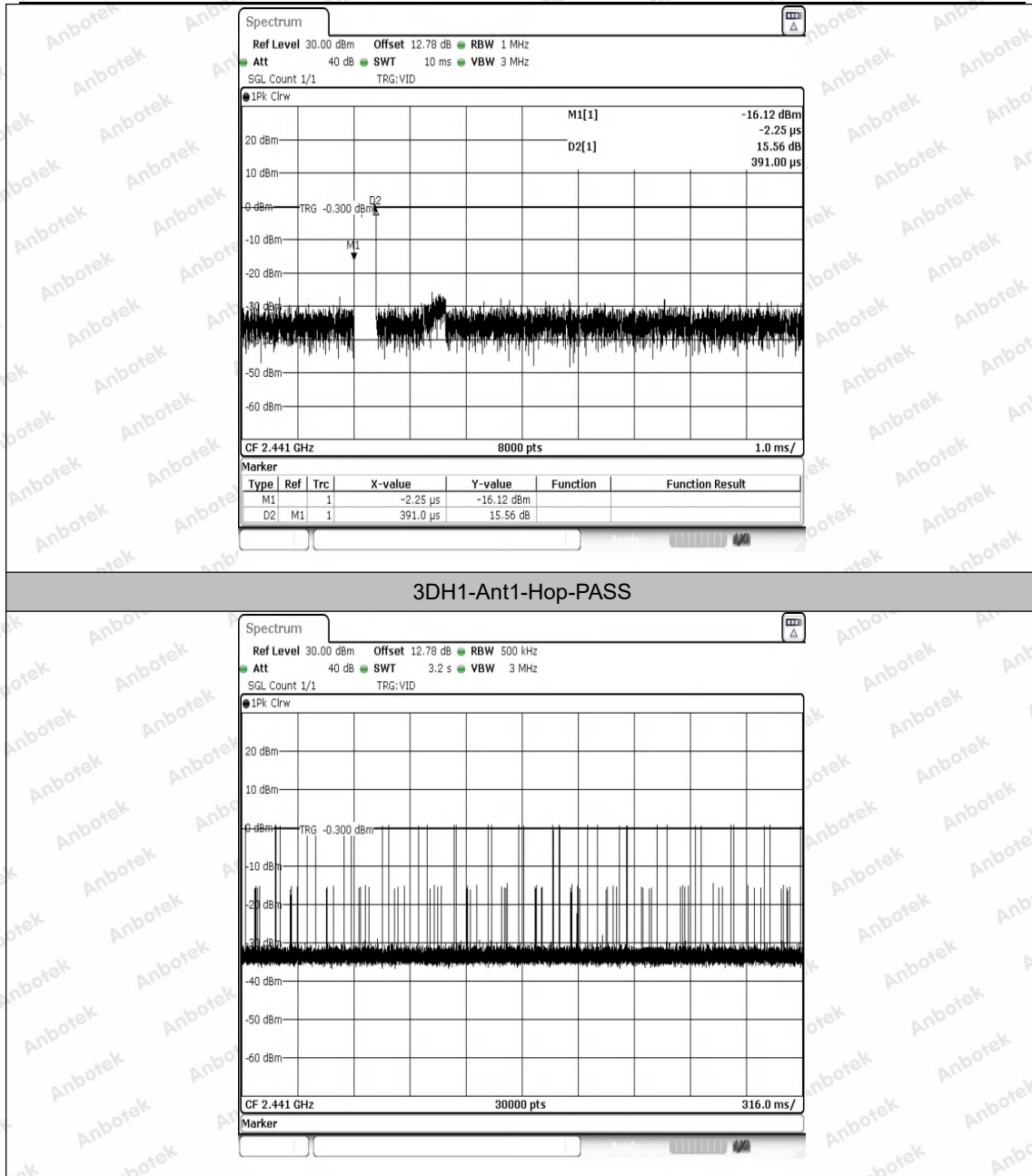
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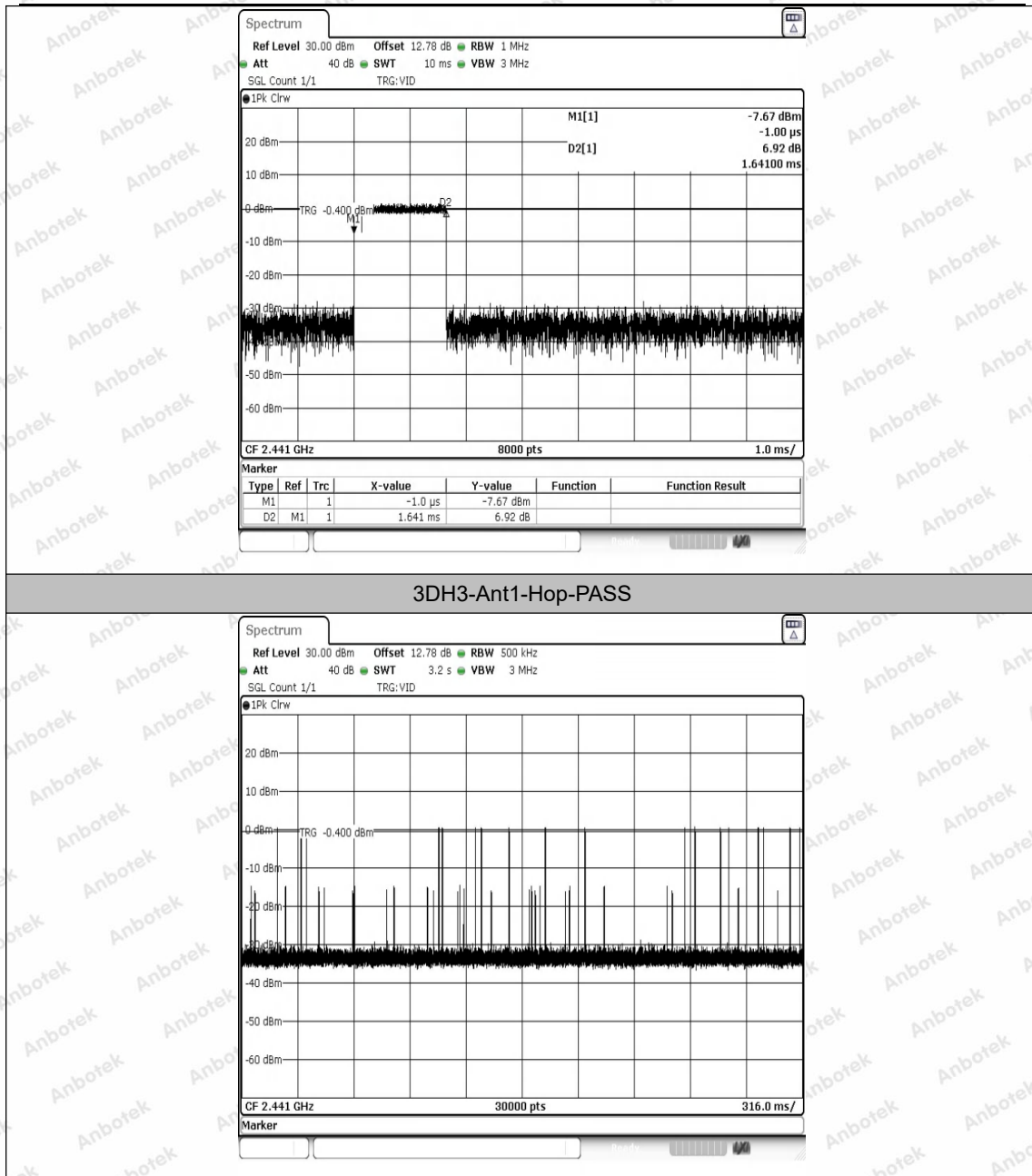
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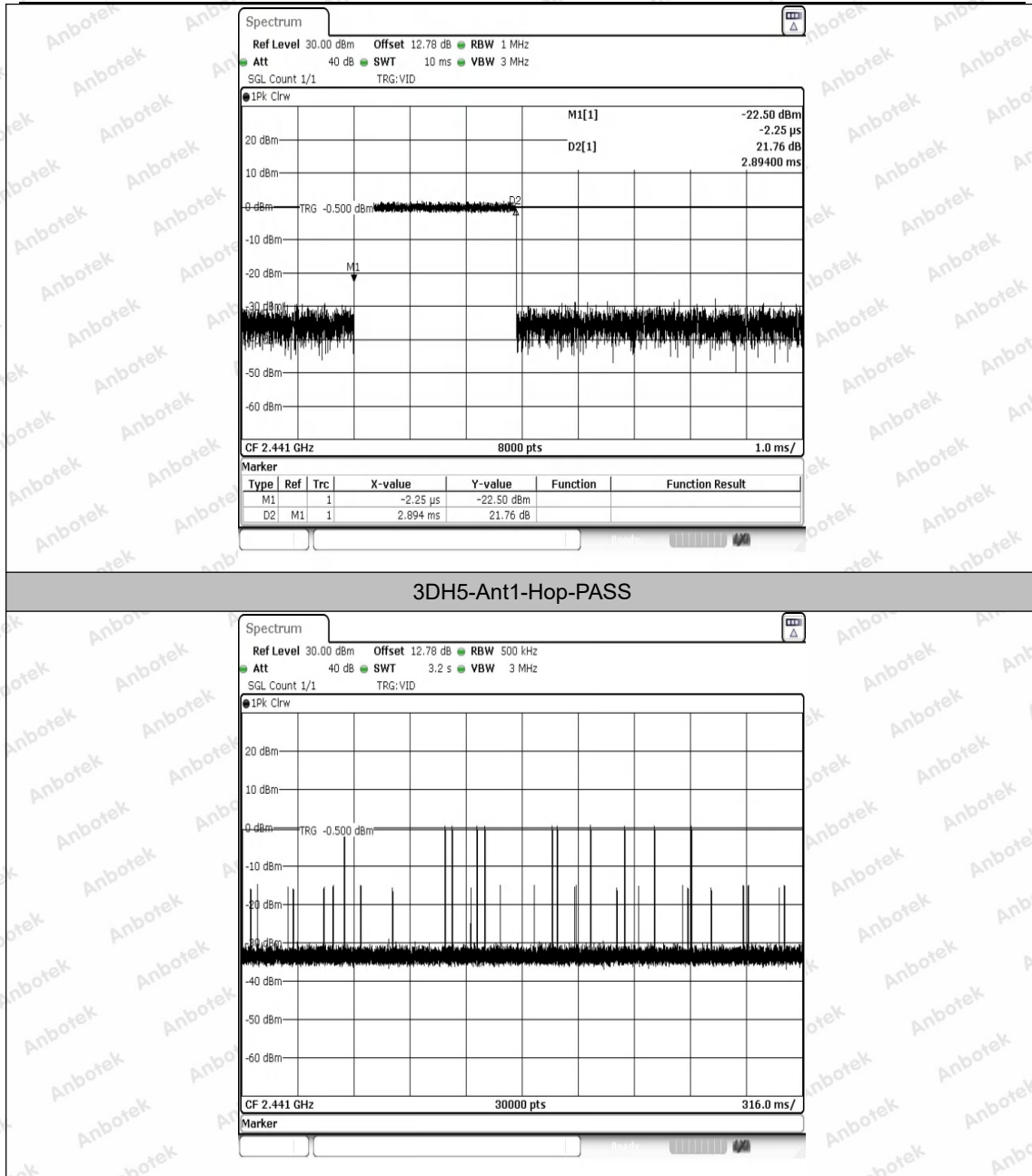
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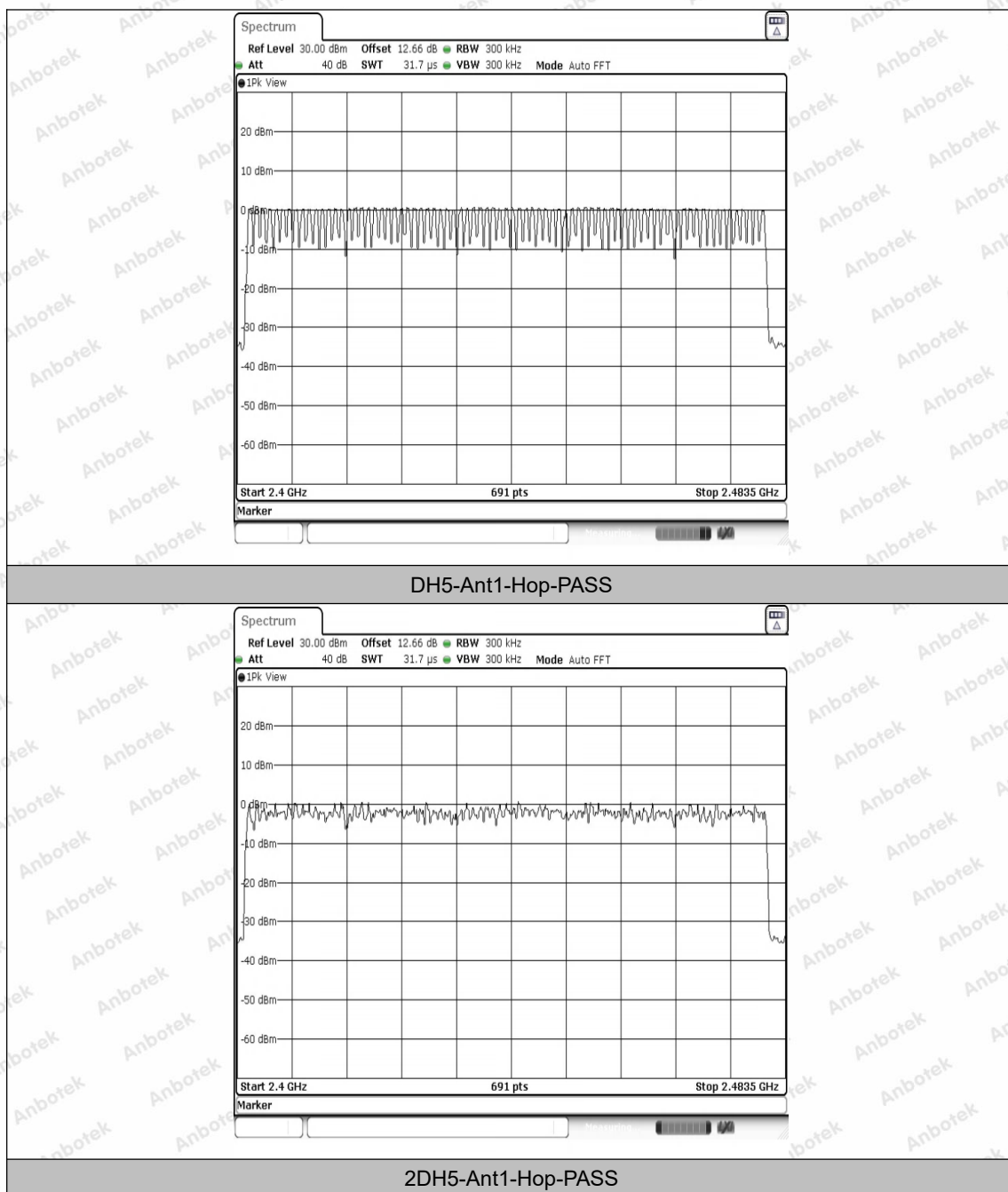


Appendix F: Number of hopping channels

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



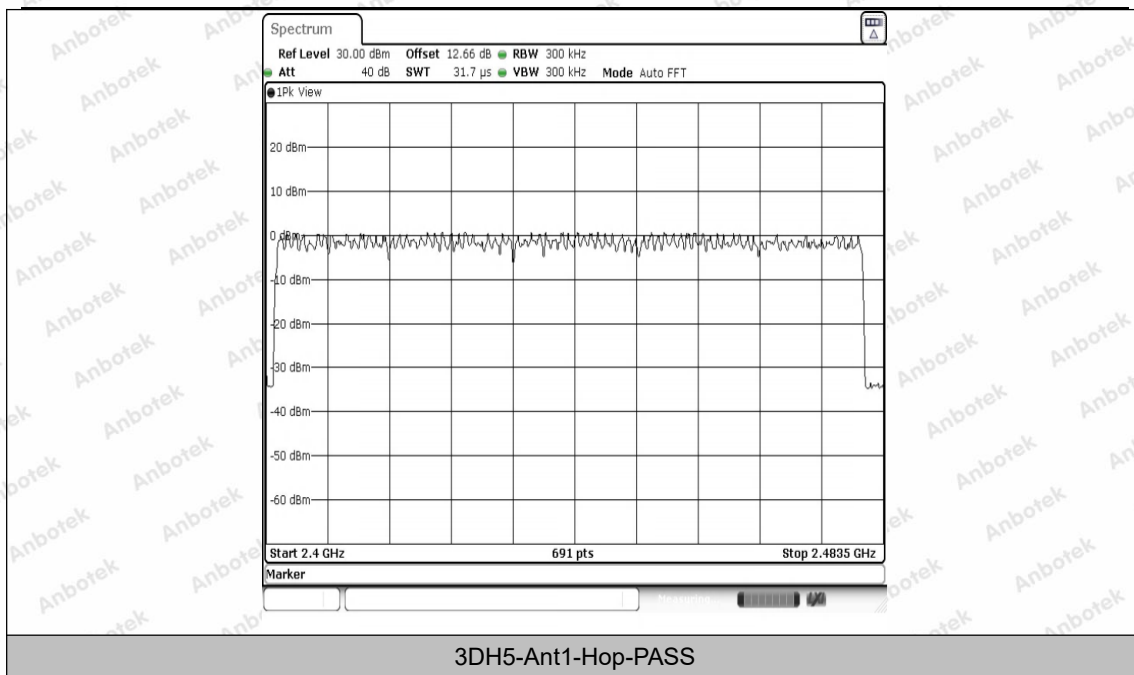
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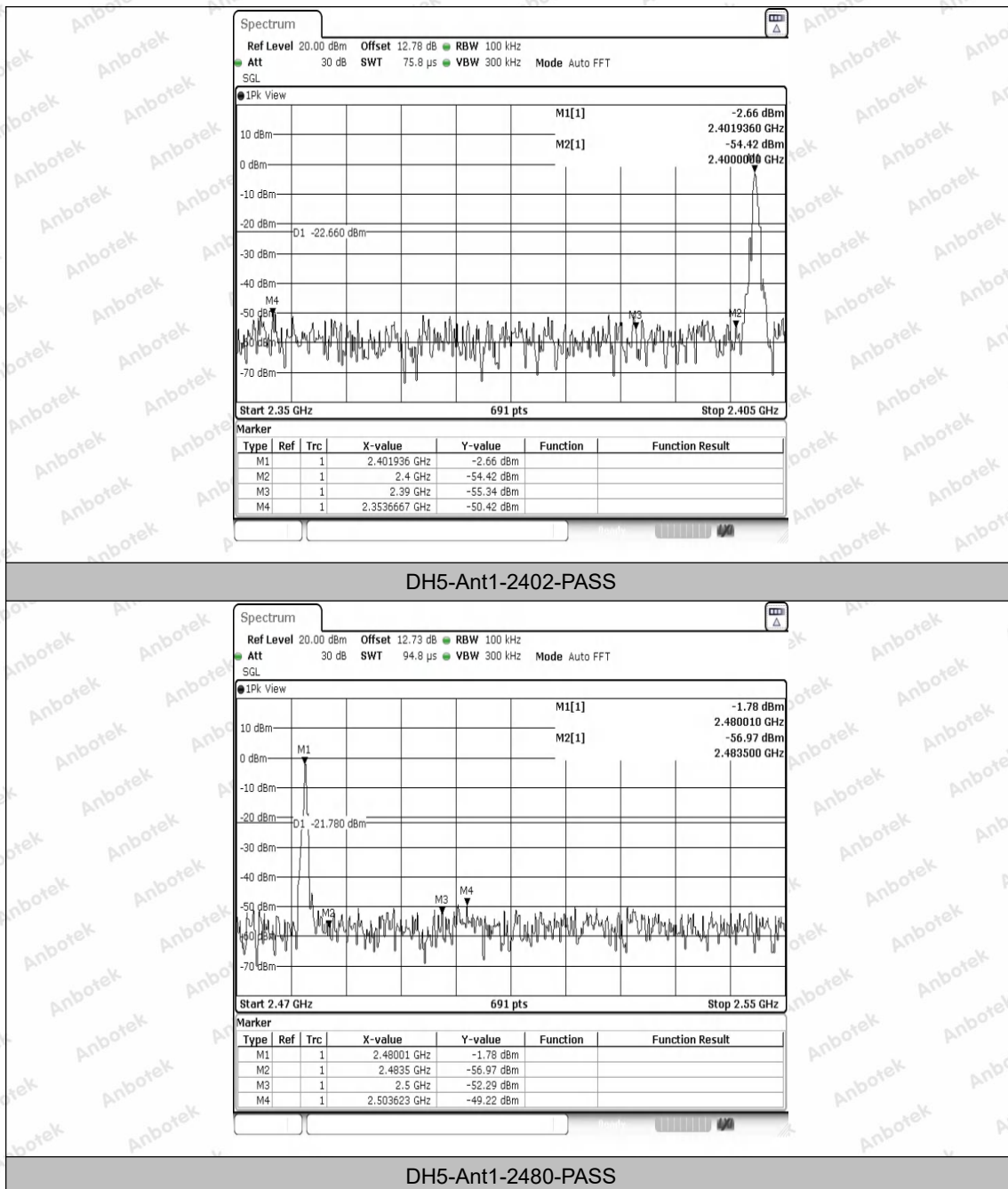
Appendix G: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-2.66	-50.42	≤-22.66	PASS
DH5	Ant1	High	2480	-1.78	-49.22	≤-21.78	PASS
DH5	Ant1	Low	Hop_2402	-15.63	-46.46	≤-35.63	PASS
DH5	Ant1	High	Hop_2480	-0.79	-44.12	≤-20.79	PASS
2DH5	Ant1	Low	2402	-5.71	-50.75	≤-25.71	PASS
2DH5	Ant1	High	2480	-7.02	-48.94	≤-27.02	PASS
2DH5	Ant1	Low	Hop_2402	-1.31	-45.72	≤-21.31	PASS
2DH5	Ant1	High	Hop_2480	-3.23	-44.73	≤-23.23	PASS
3DH5	Ant1	Low	2402	-4.14	-49.95	≤-24.14	PASS
3DH5	Ant1	High	2480	-4.85	-49.35	≤-24.85	PASS
3DH5	Ant1	Low	Hop_2402	-3.45	-46.32	≤-23.45	PASS
3DH5	Ant1	High	Hop_2480	-0.64	-44.9	≤-20.64	PASS



Test Graphs



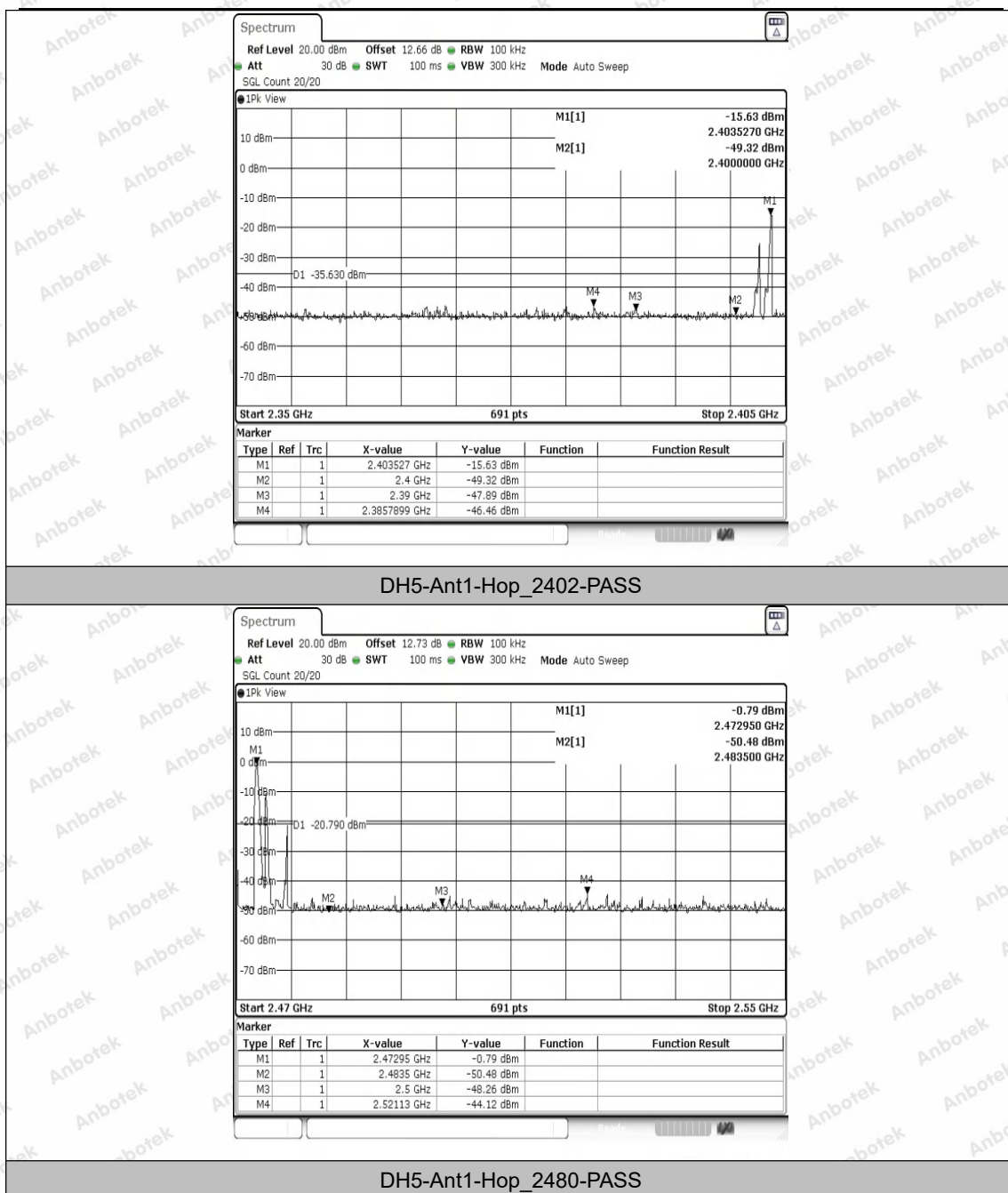
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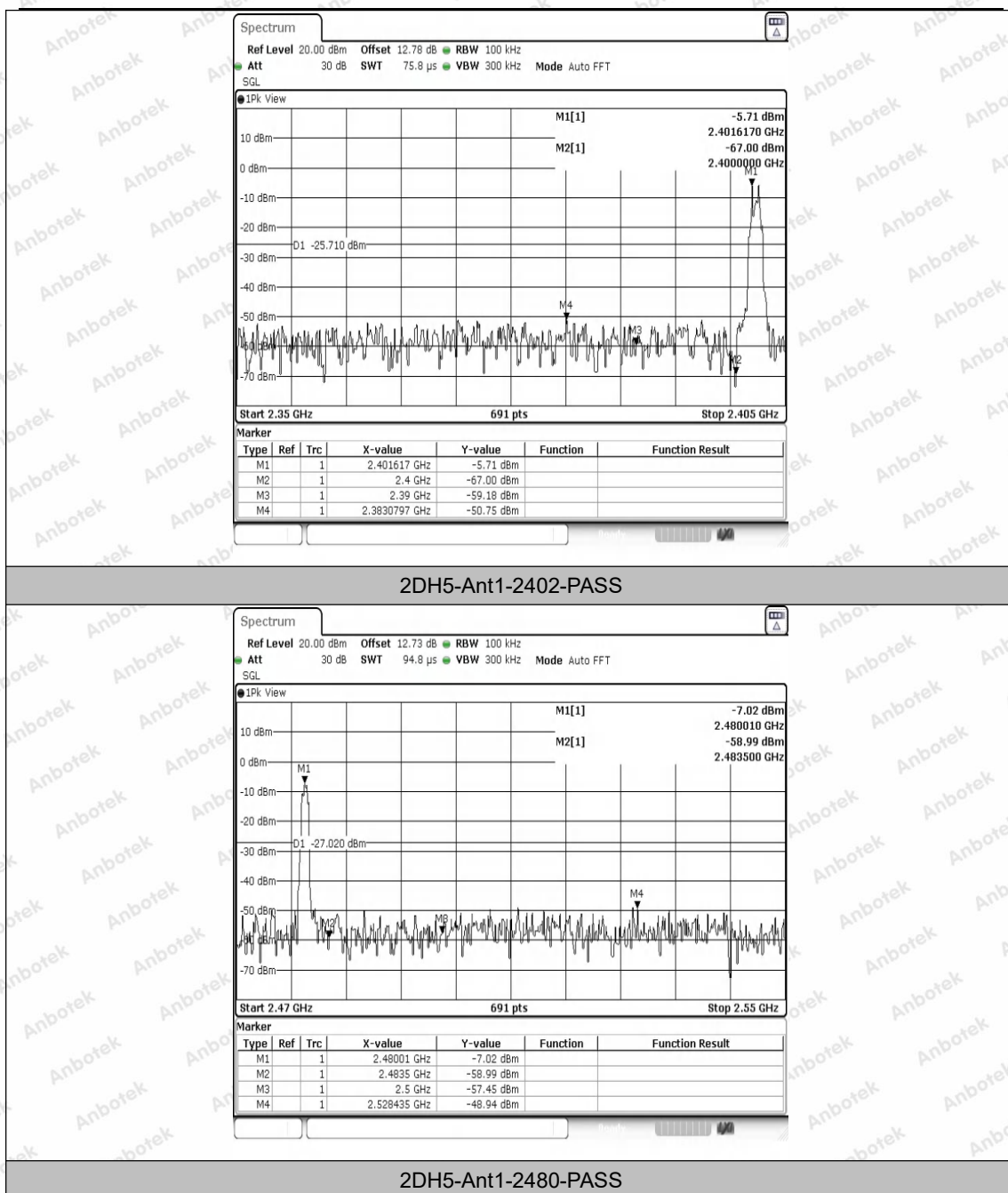
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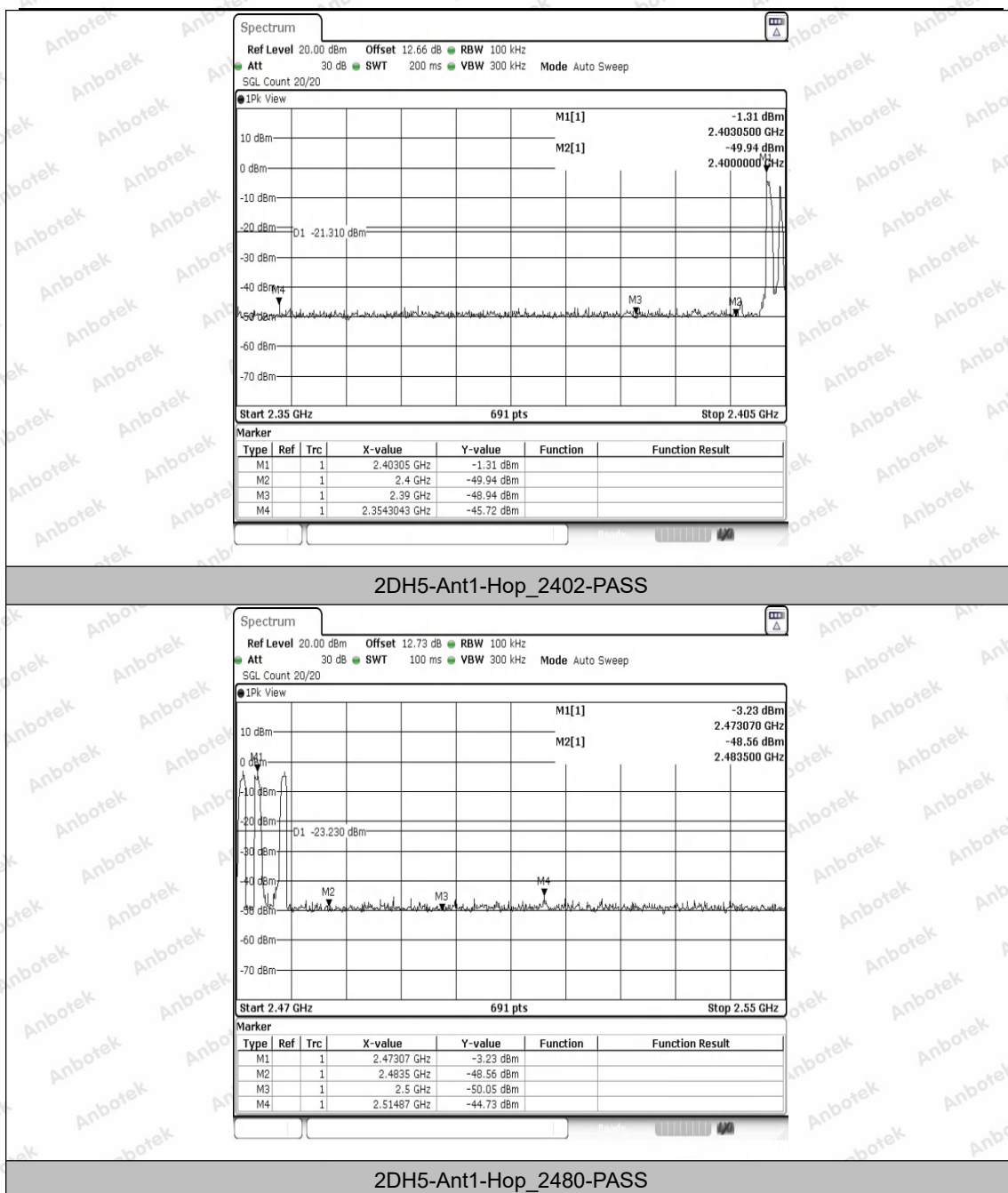


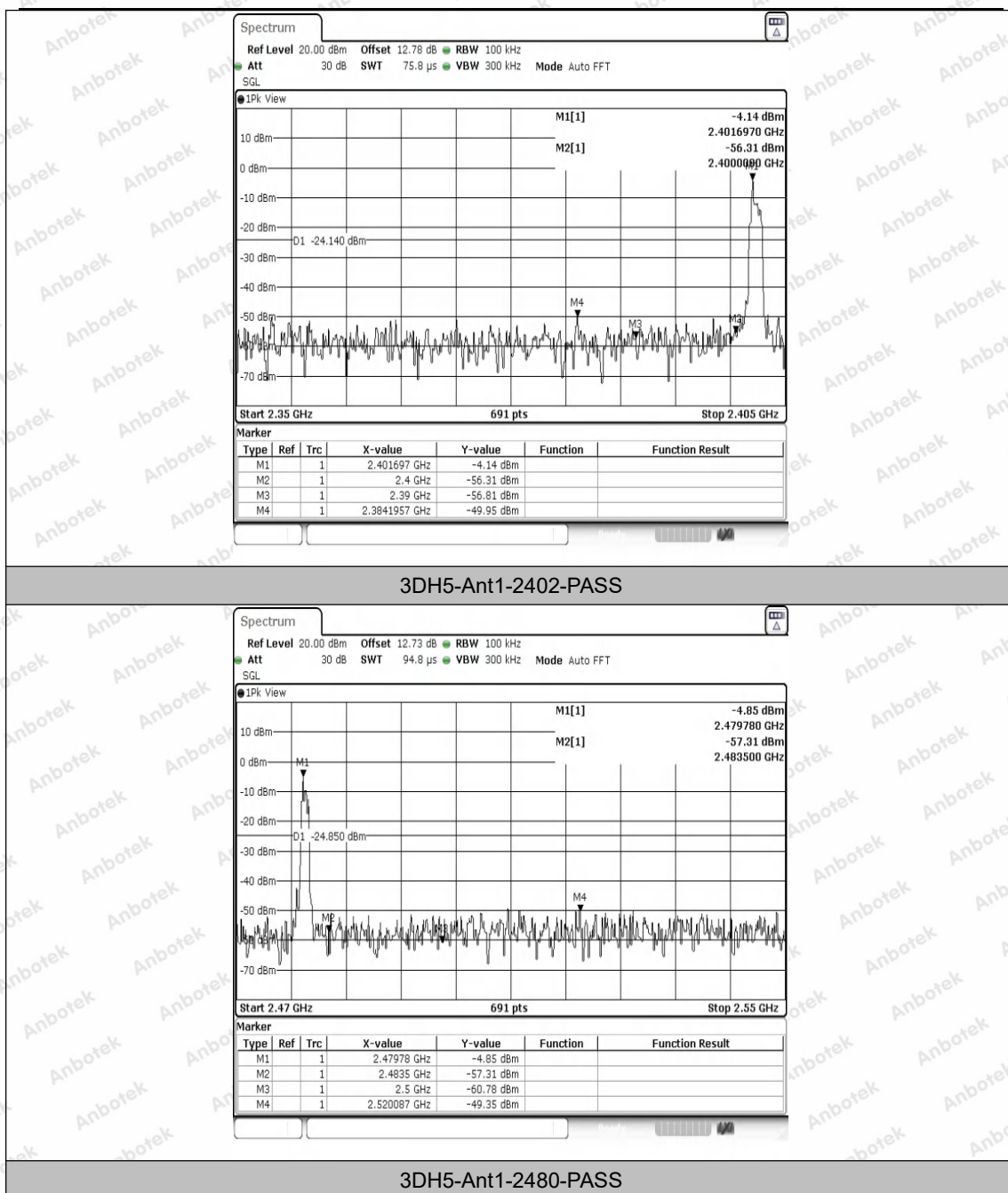
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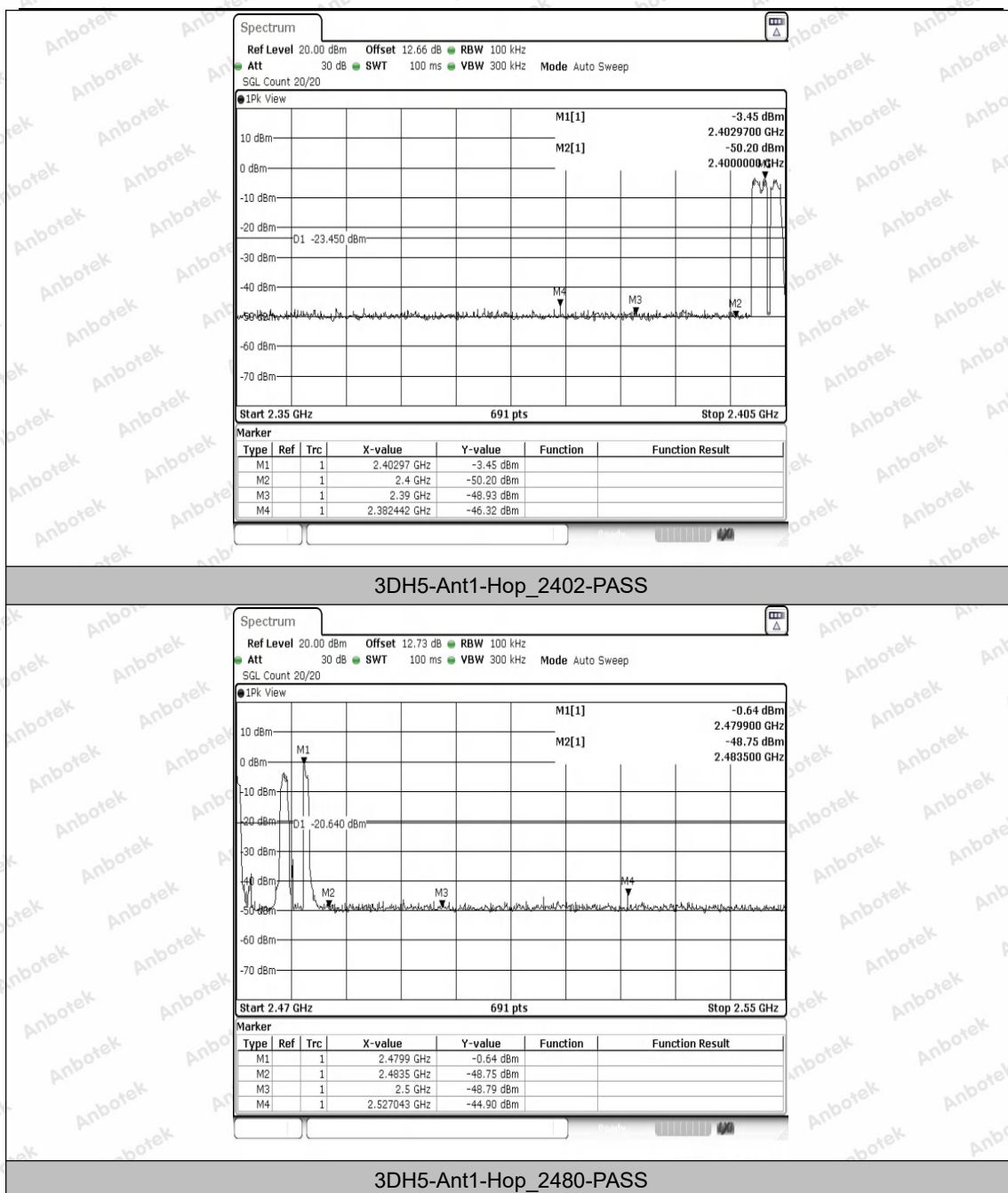












Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-0.67	-0.67	---	PASS
DH5	Ant1	2402	30~1000	-0.67	-58.63	≤-20.67	PASS
DH5	Ant1	2402	1000~26500	-0.67	-46.26	≤-20.67	PASS
DH5	Ant1	2441	0~Reference	-0.82	-0.82	---	PASS
DH5	Ant1	2441	30~1000	-0.82	-56.92	≤-20.82	PASS
DH5	Ant1	2441	1000~26500	-0.82	-47.29	≤-20.82	PASS
DH5	Ant1	2480	0~Reference	-0.84	-0.84	---	PASS
DH5	Ant1	2480	30~1000	-0.84	-56.83	≤-20.84	PASS
DH5	Ant1	2480	1000~26500	-0.84	-47.44	≤-20.84	PASS
2DH5	Ant1	2402	0~Reference	-4.34	-4.34	---	PASS
2DH5	Ant1	2402	30~1000	-4.34	-58.38	≤-24.34	PASS
2DH5	Ant1	2402	1000~26500	-4.34	-45.71	≤-24.34	PASS
2DH5	Ant1	2441	0~Reference	-0.59	-0.59	---	PASS
2DH5	Ant1	2441	30~1000	-0.59	-58.51	≤-20.59	PASS
2DH5	Ant1	2441	1000~26500	-0.59	-43.71	≤-20.59	PASS
2DH5	Ant1	2480	0~Reference	-4.55	-4.55	---	PASS
2DH5	Ant1	2480	30~1000	-4.55	-56.98	≤-24.55	PASS
2DH5	Ant1	2480	1000~26500	-4.55	-45.96	≤-24.55	PASS
3DH5	Ant1	2402	0~Reference	-4.31	-4.31	---	PASS
3DH5	Ant1	2402	30~1000	-4.31	-58.06	≤-24.31	PASS
3DH5	Ant1	2402	1000~26500	-4.31	-45.58	≤-24.31	PASS
3DH5	Ant1	2441	0~Reference	-4.11	-4.11	---	PASS
3DH5	Ant1	2441	30~1000	-4.11	-57.33	≤-24.11	PASS
3DH5	Ant1	2441	1000~26500	-4.11	-47.97	≤-24.11	PASS
3DH5	Ant1	2480	0~Reference	-1.52	-1.52	---	PASS
3DH5	Ant1	2480	30~1000	-1.52	-57.79	≤-21.52	PASS
3DH5	Ant1	2480	1000~26500	-1.52	-47.49	≤-21.52	PASS

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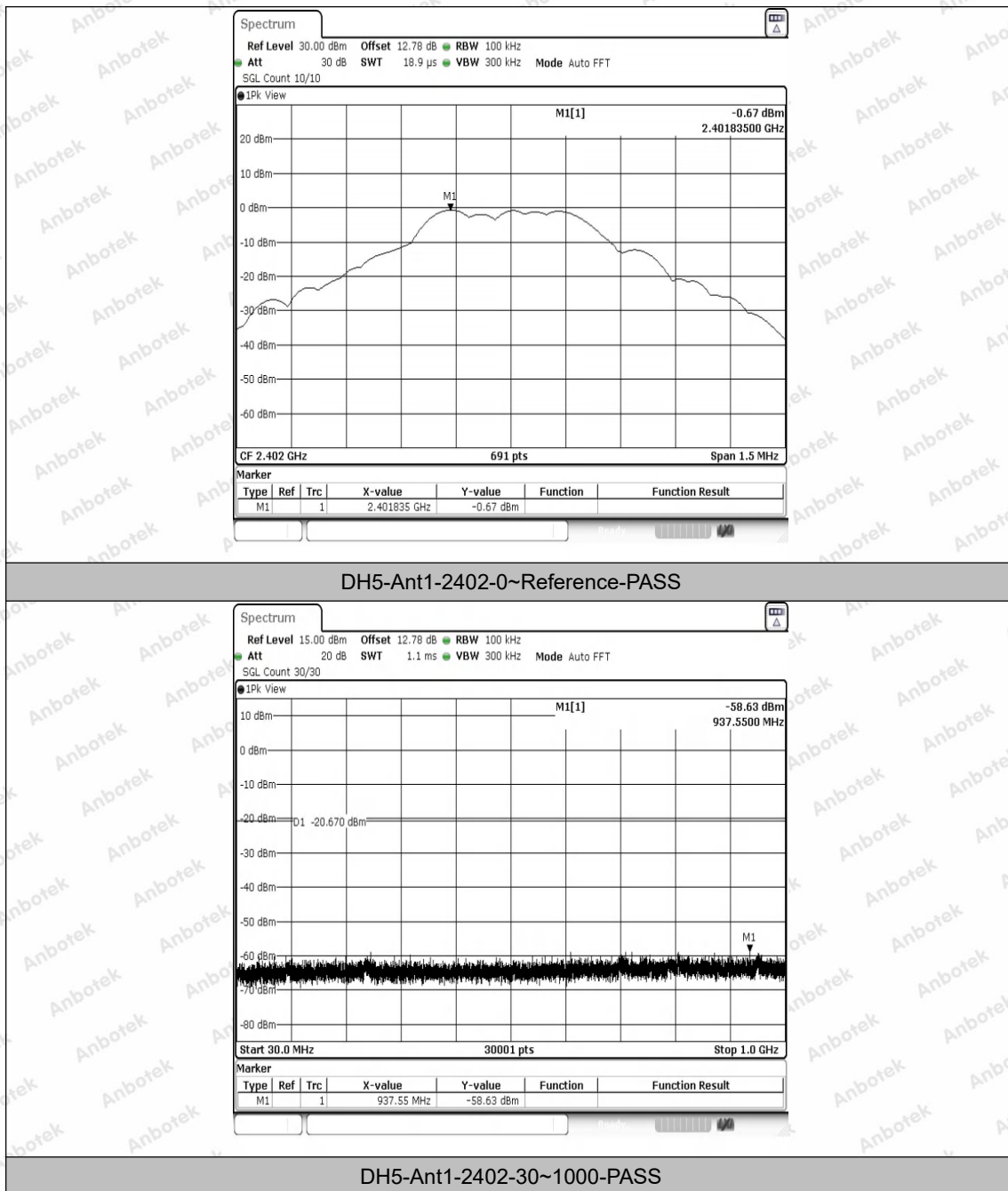
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Test Graphs



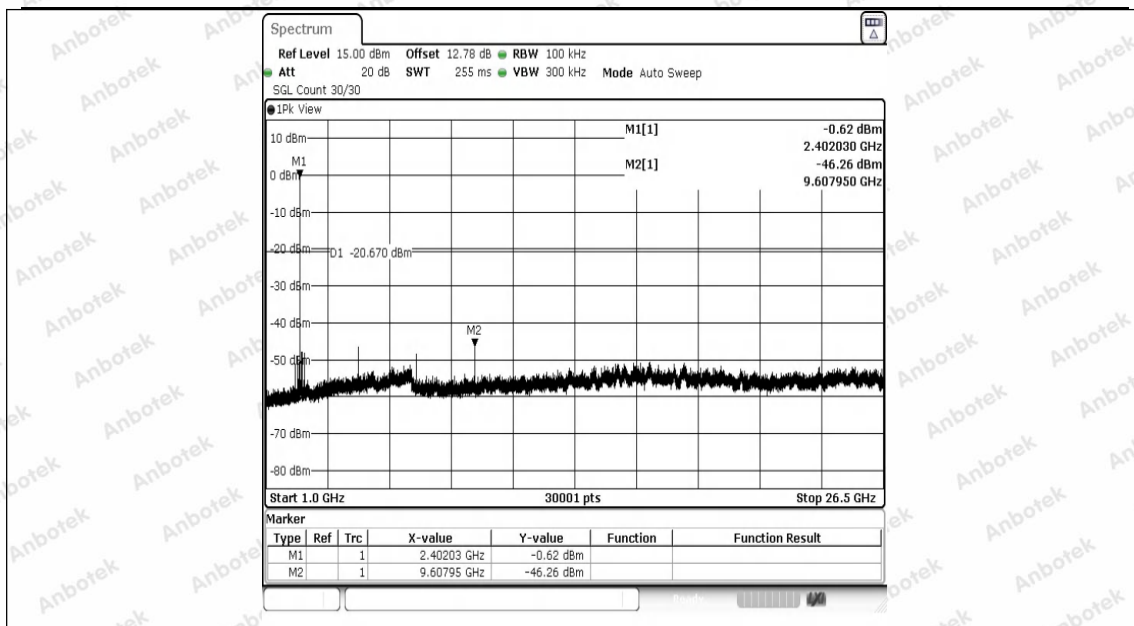
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Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

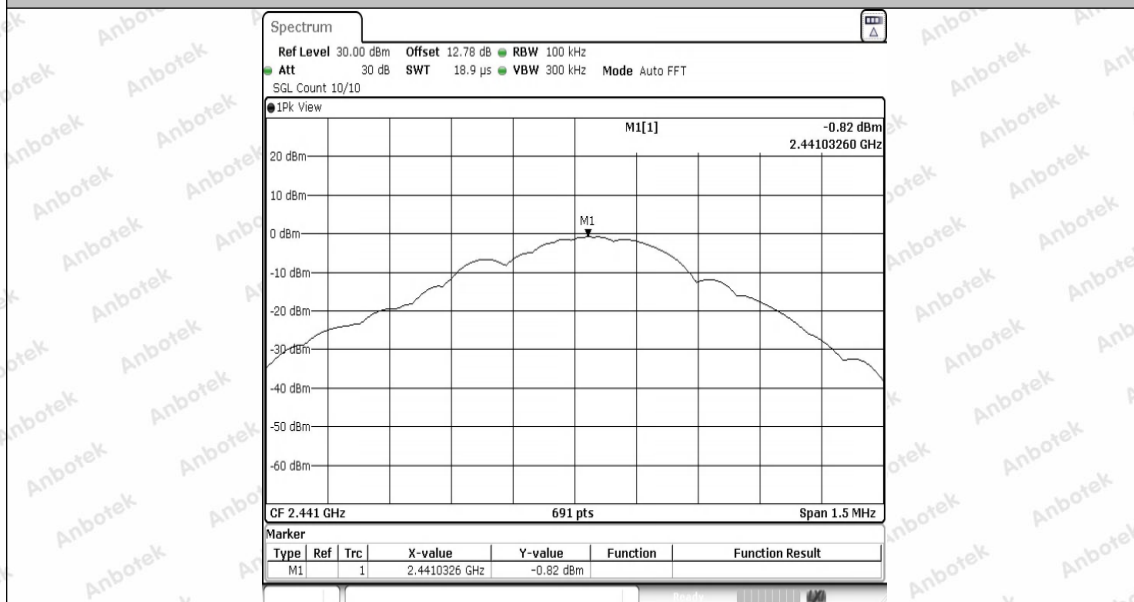


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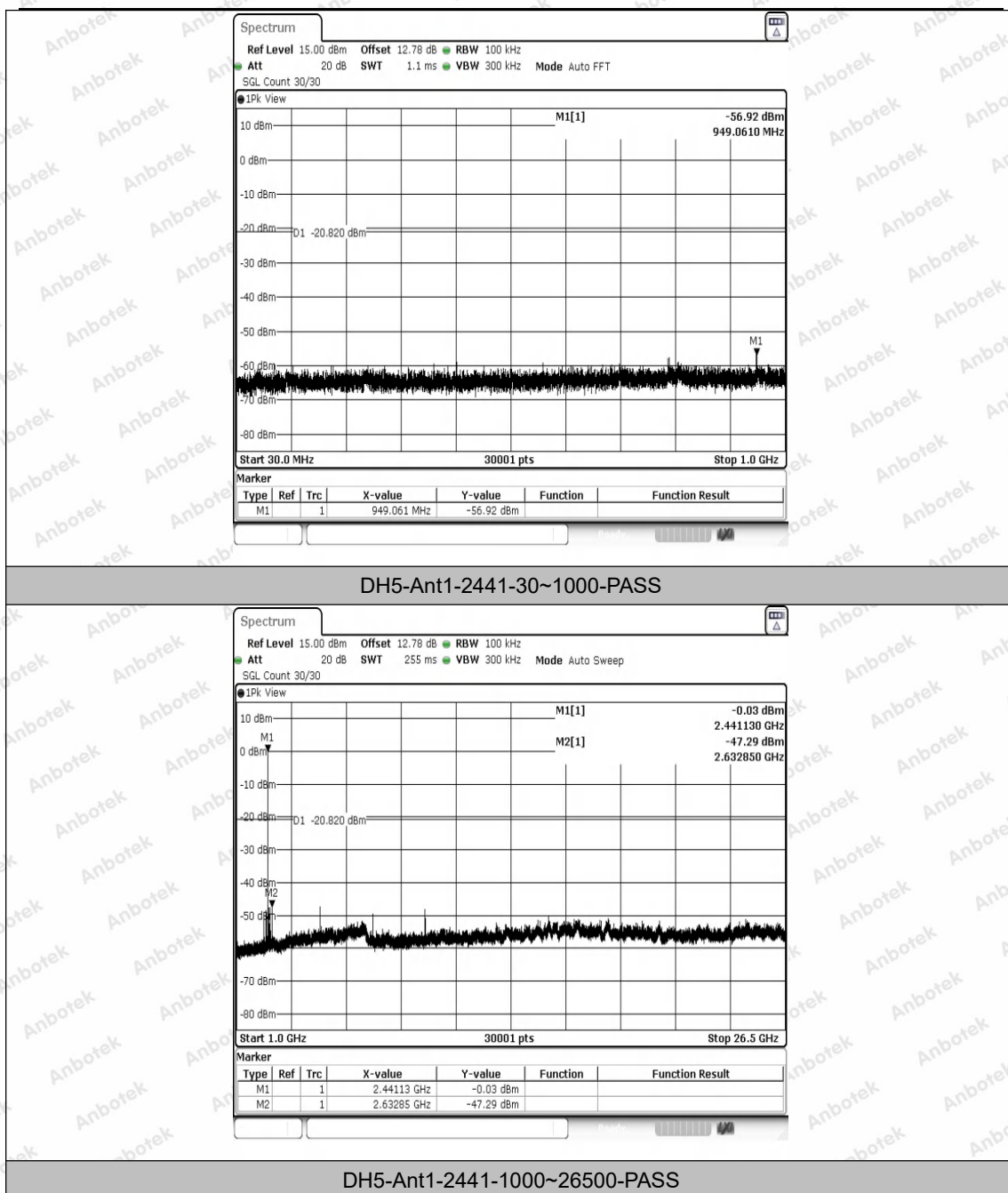


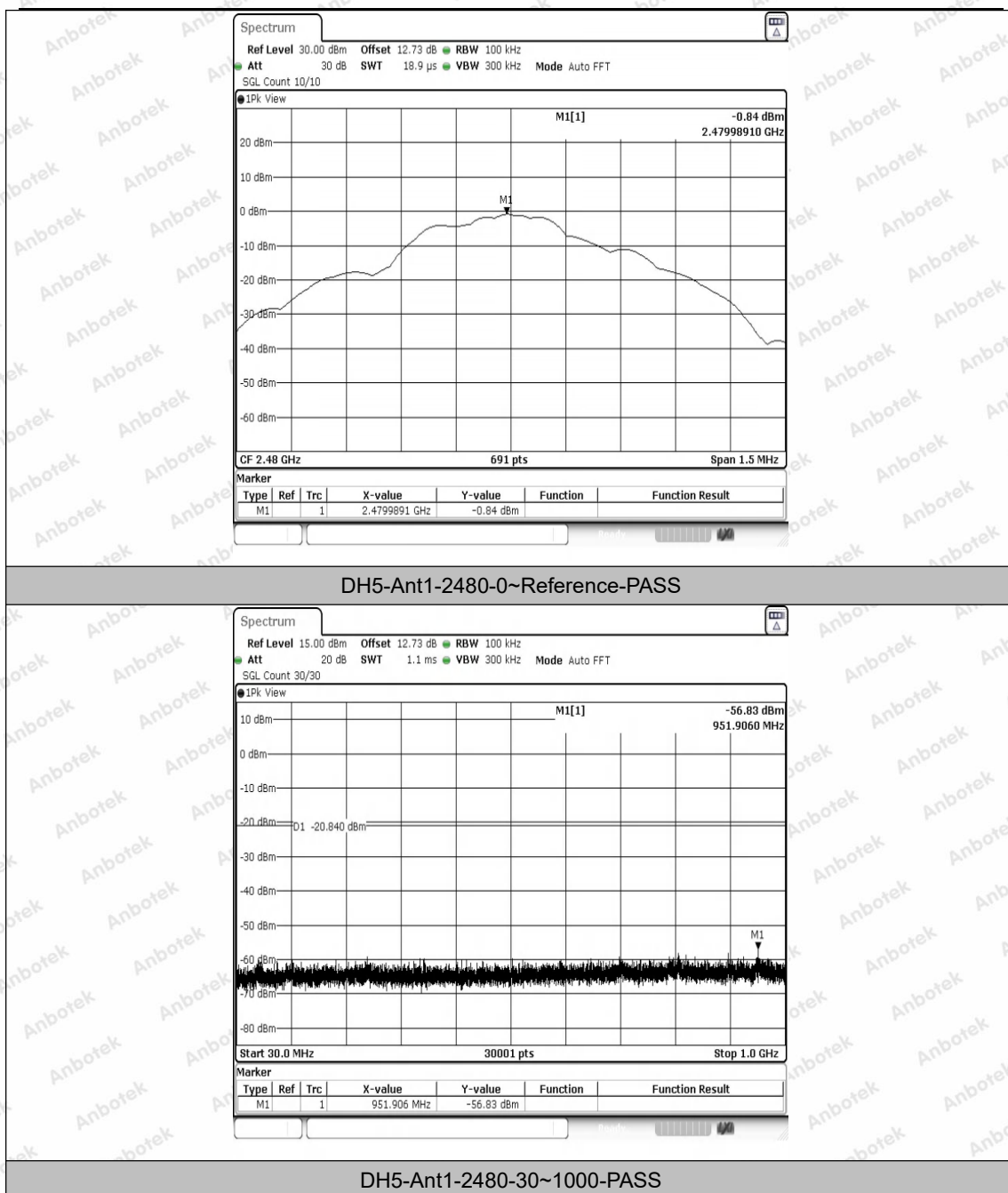
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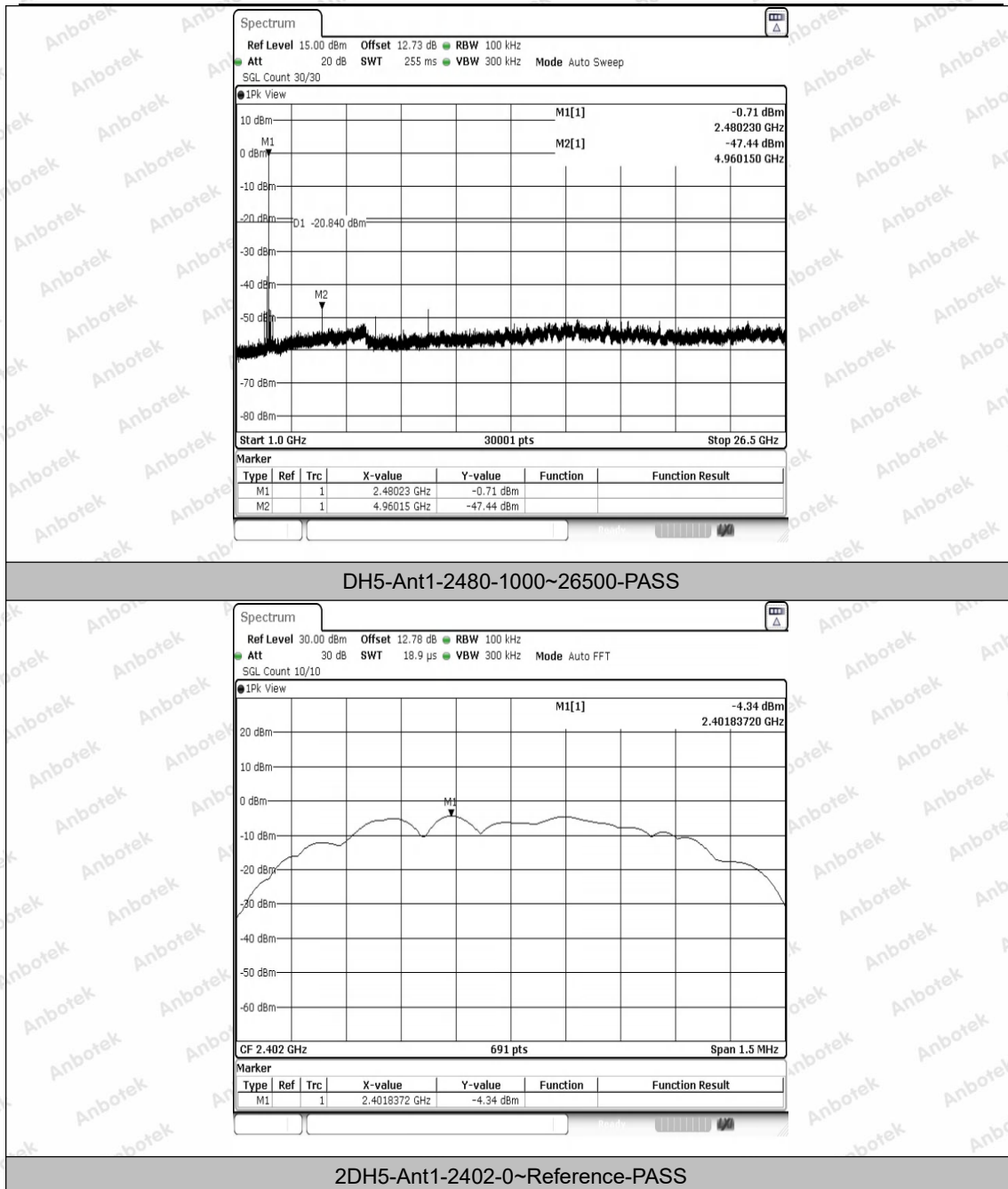
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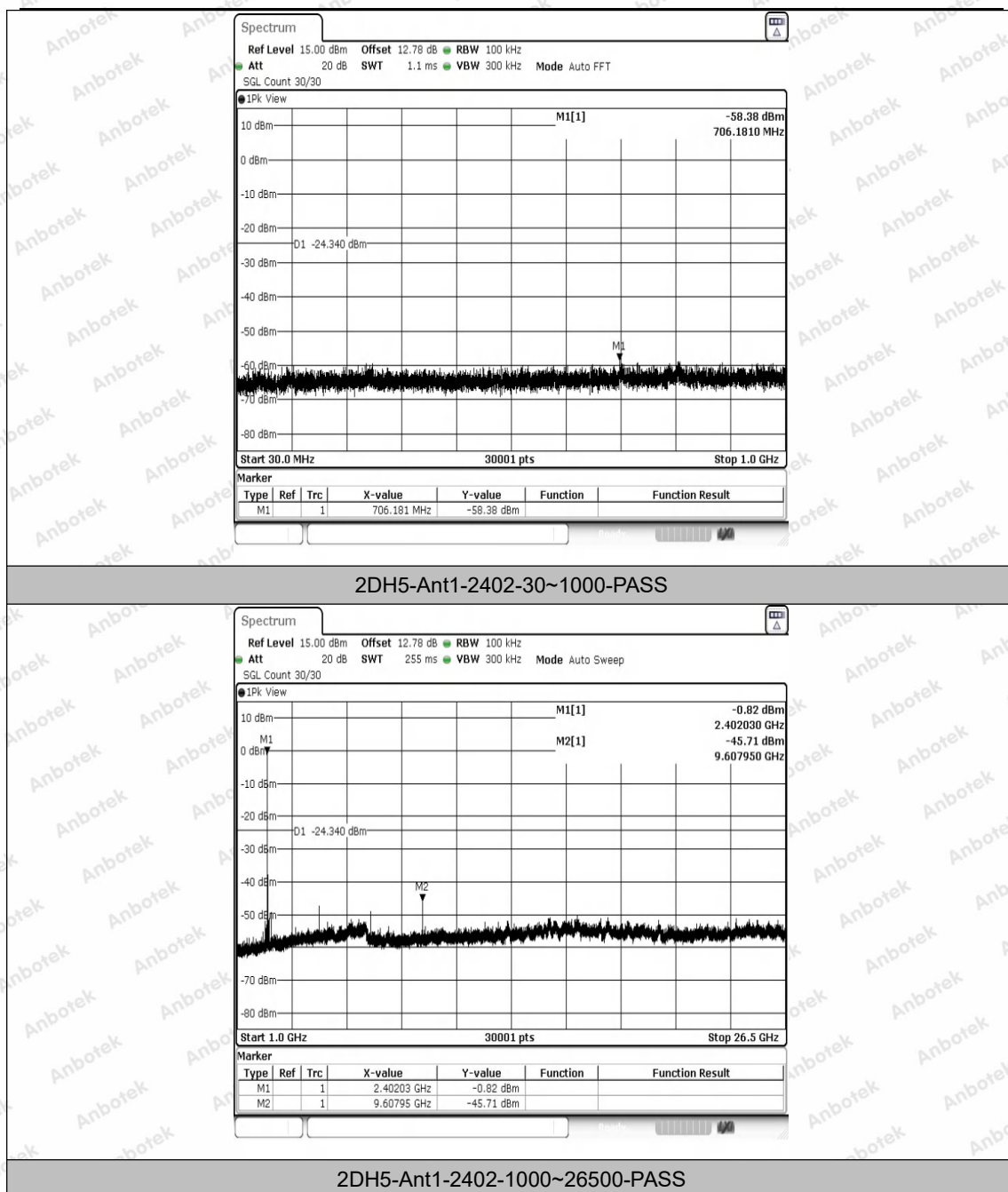
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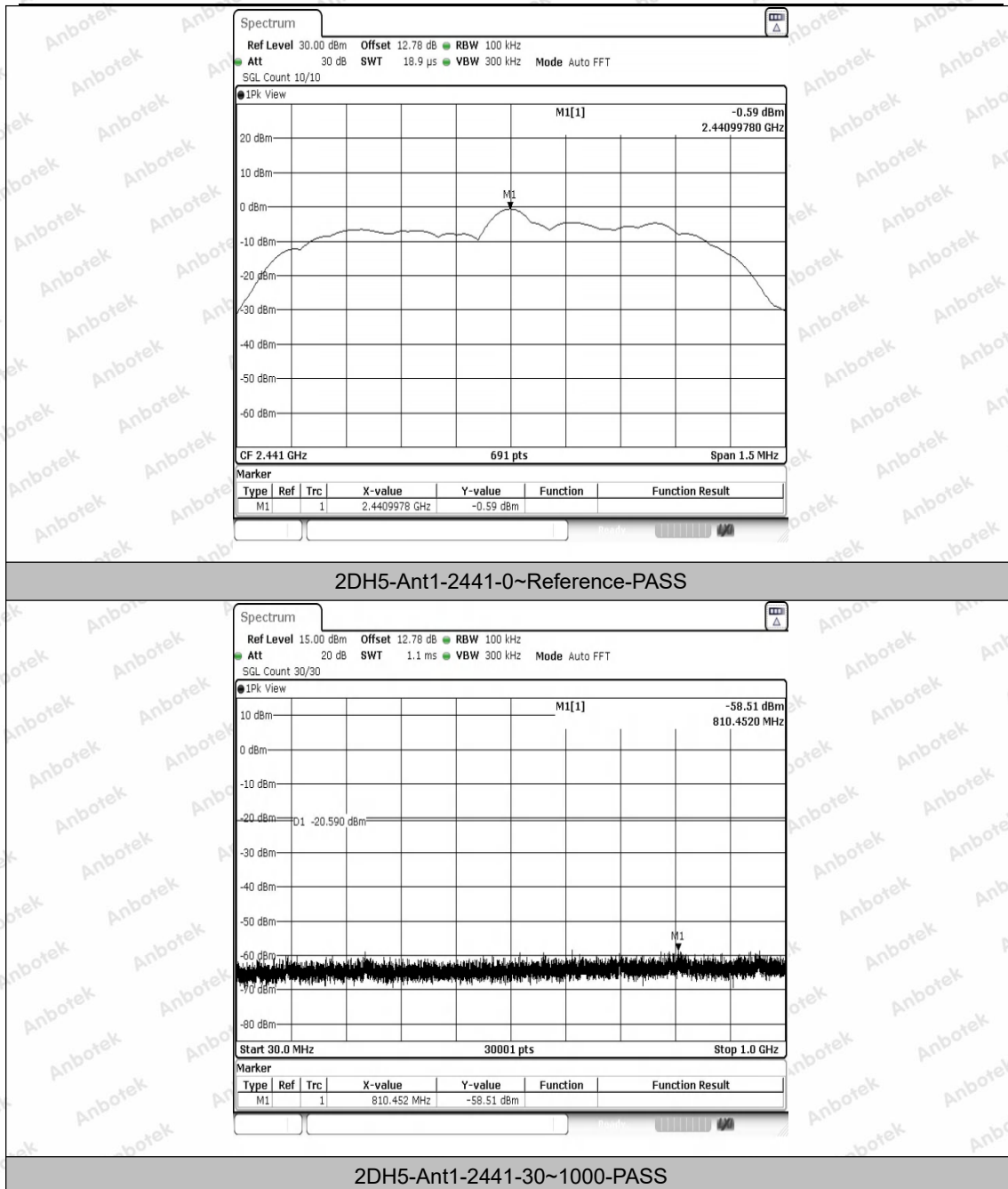
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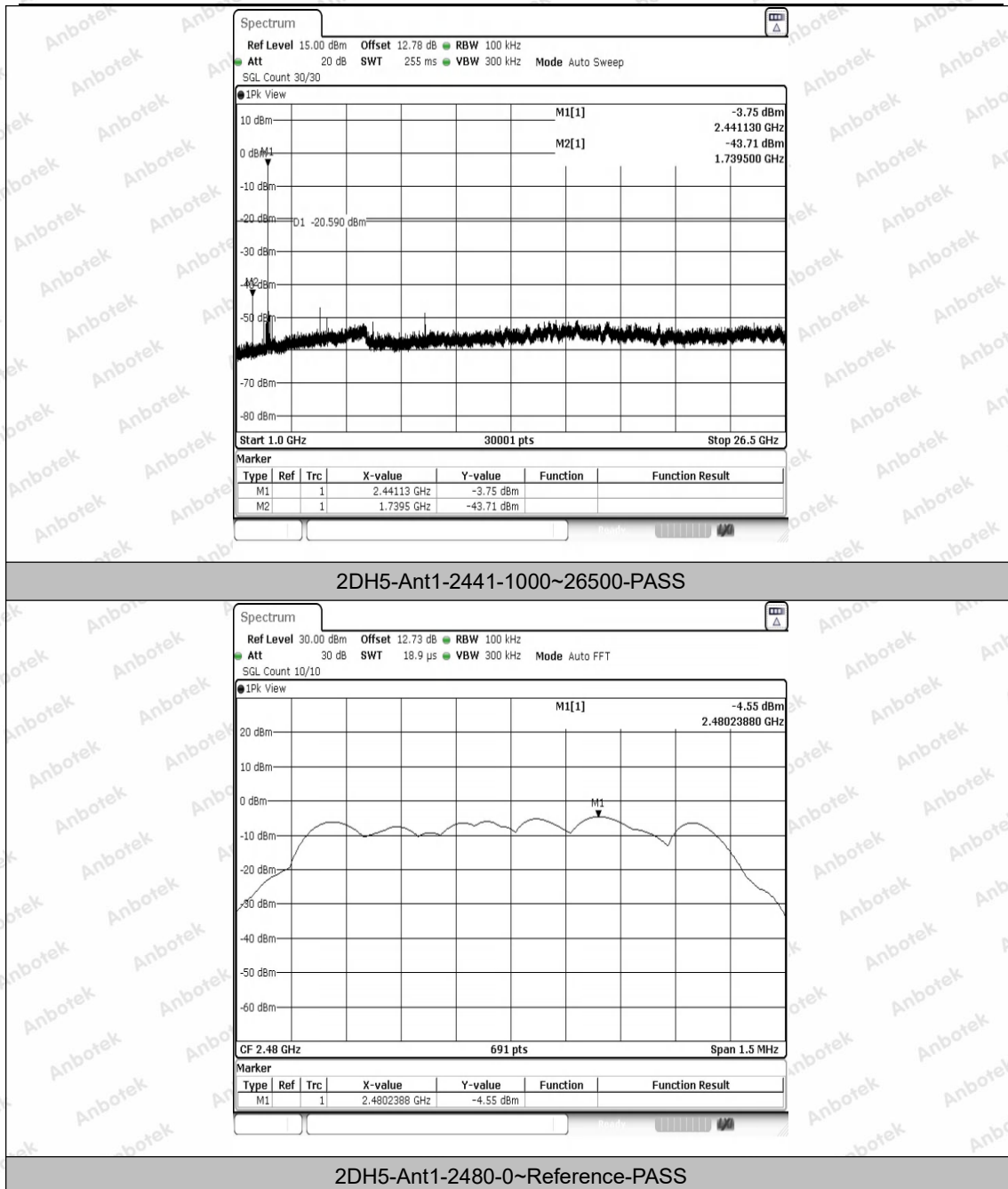
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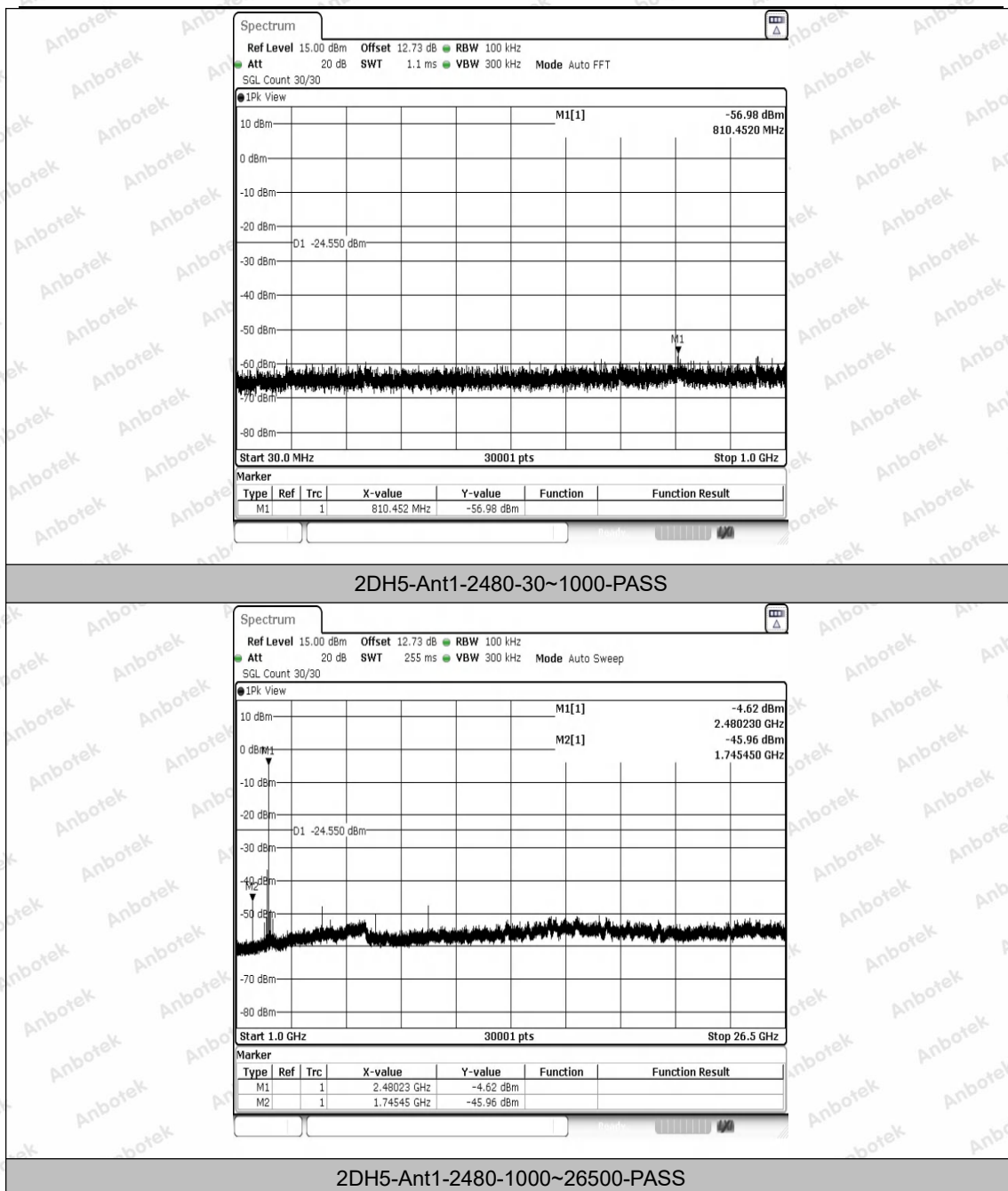
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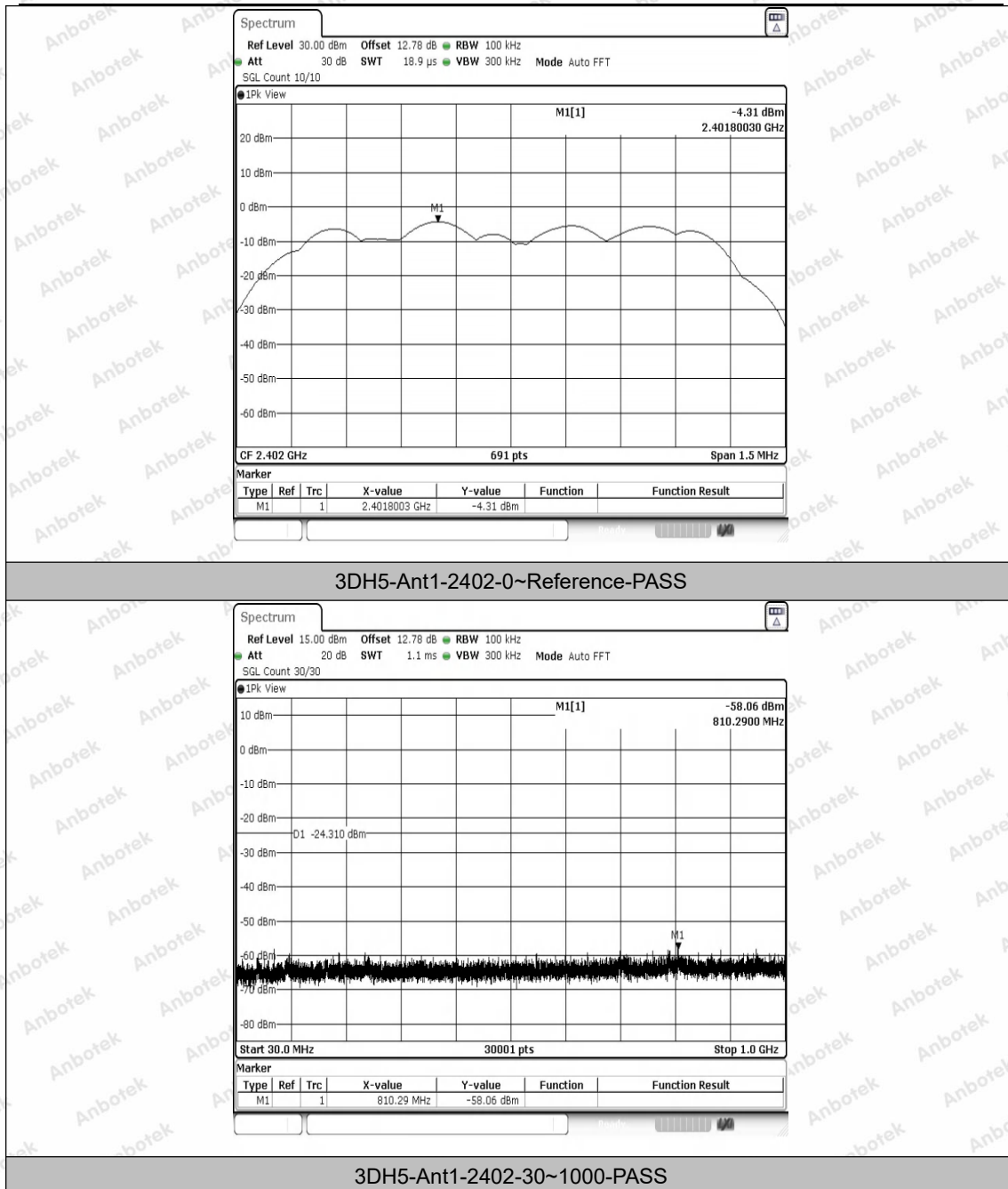
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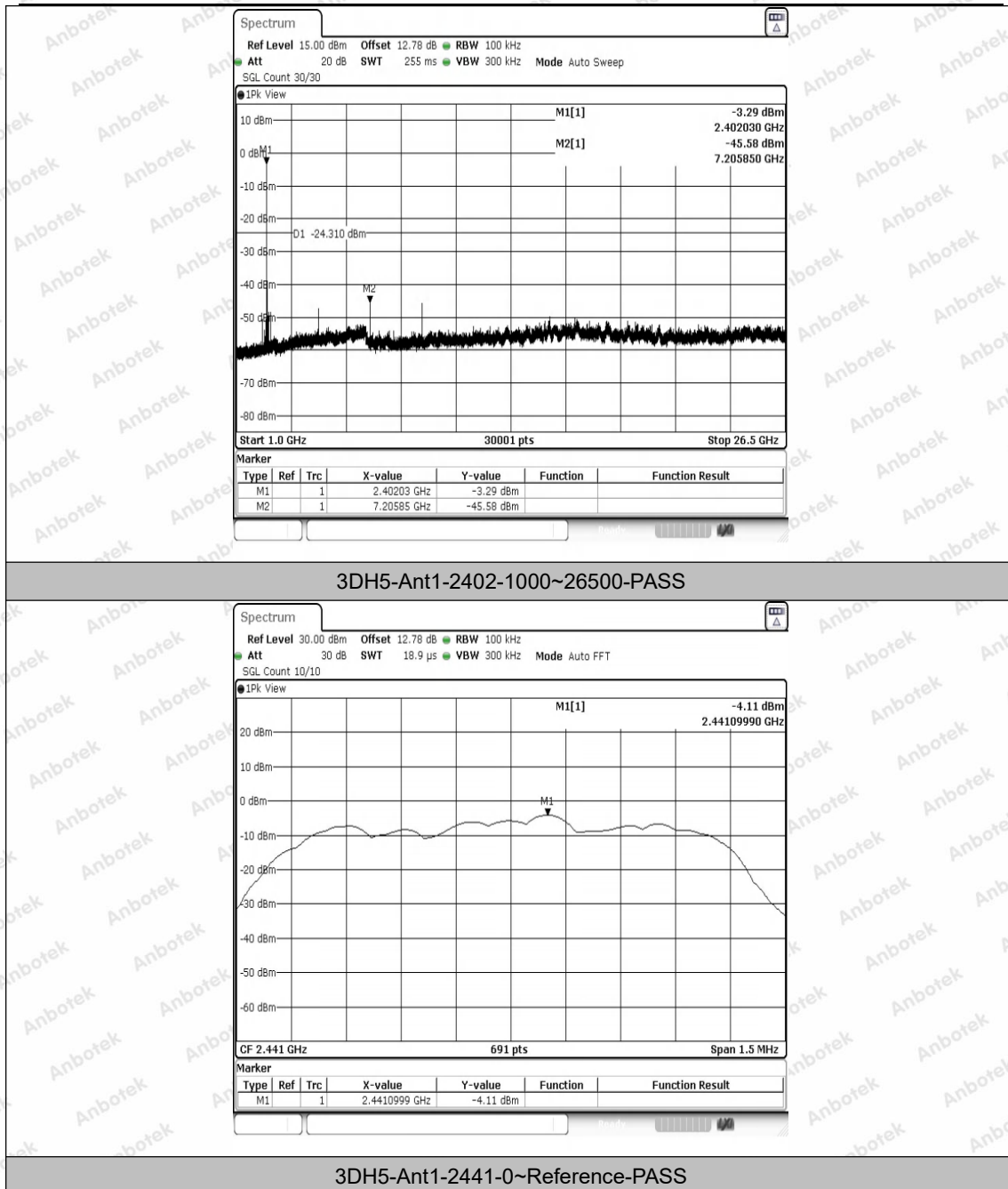
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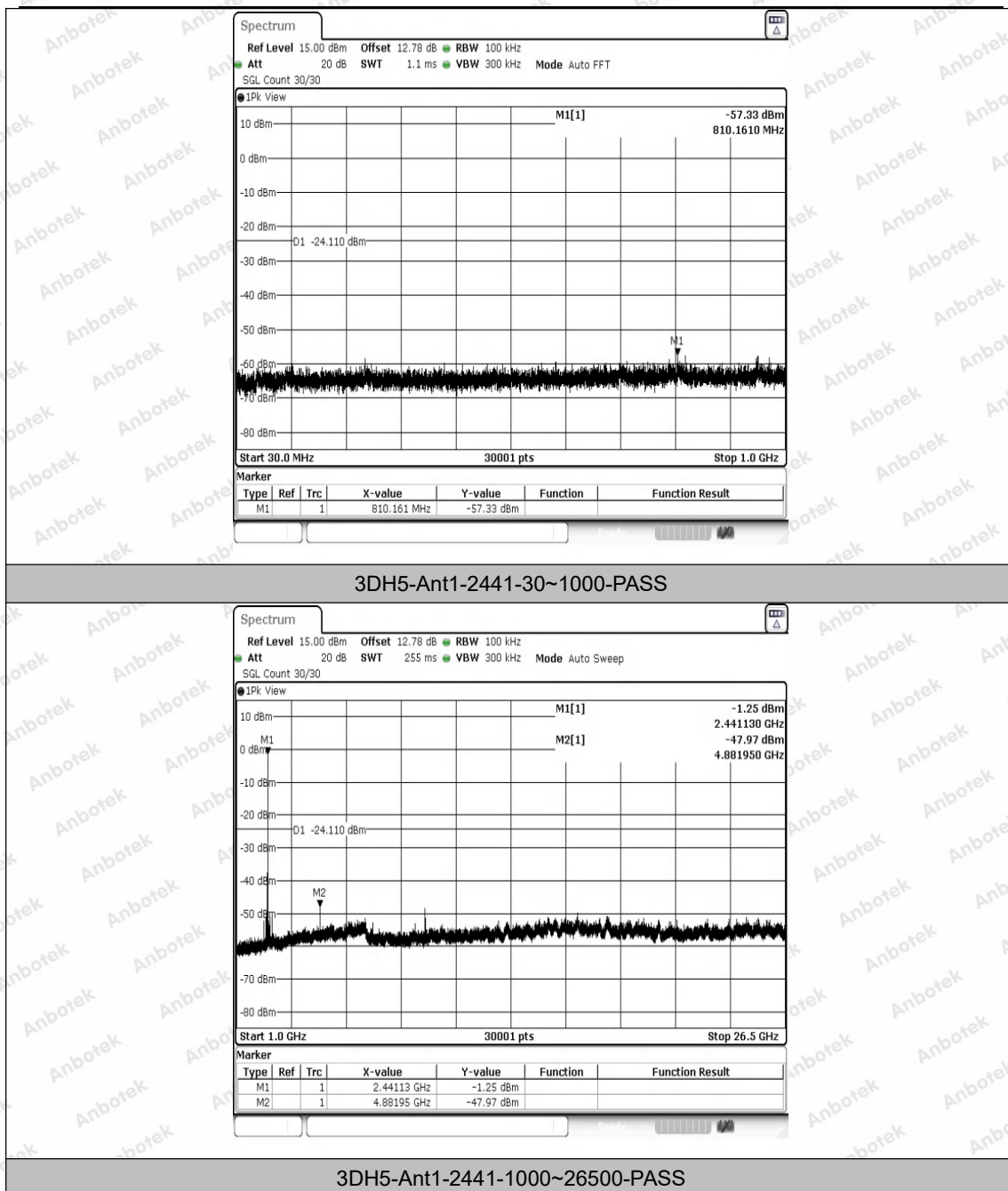
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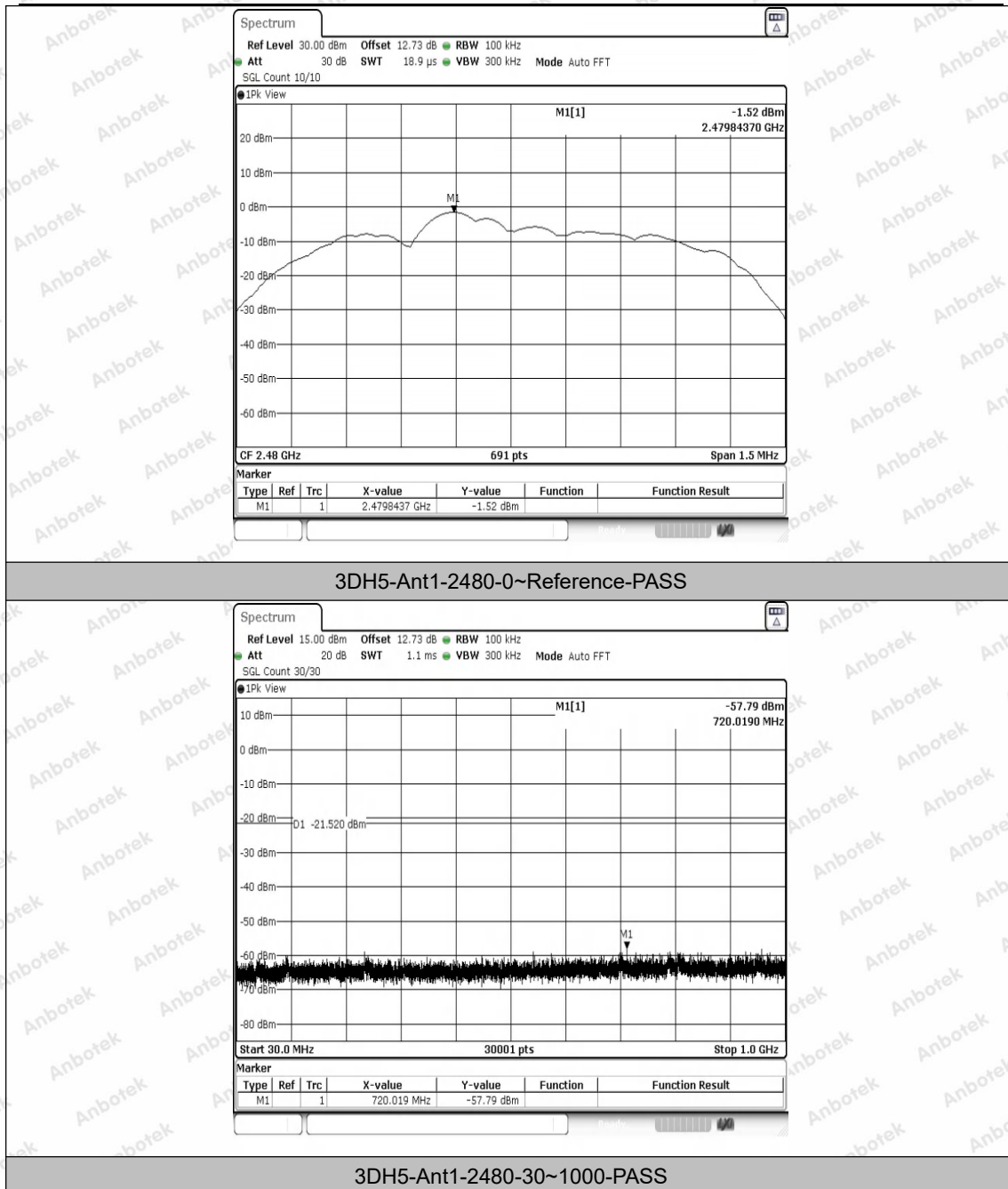
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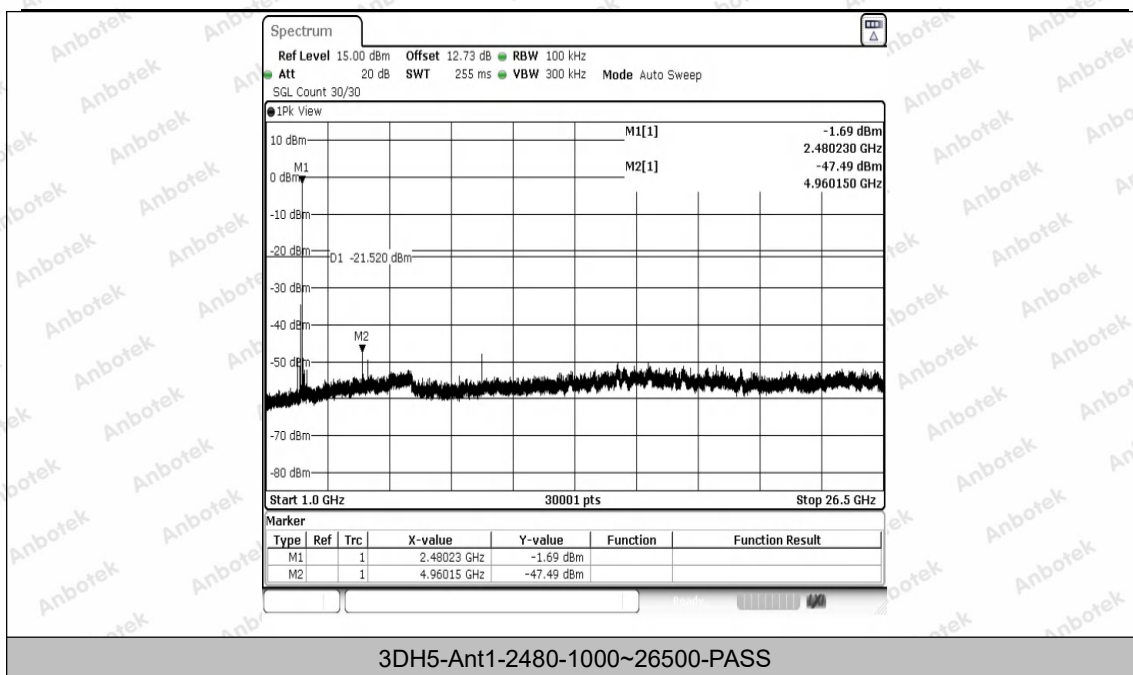
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