

Appendix Test Data

Report No.:	1813C50286612501	Test Sample No.:	1-2-2
Start Test Date:	2025-6-23	Finish Test Date:	2025-6-30
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	26.7°C	Relative Humidity:	55%
Pressure:	101kPa		

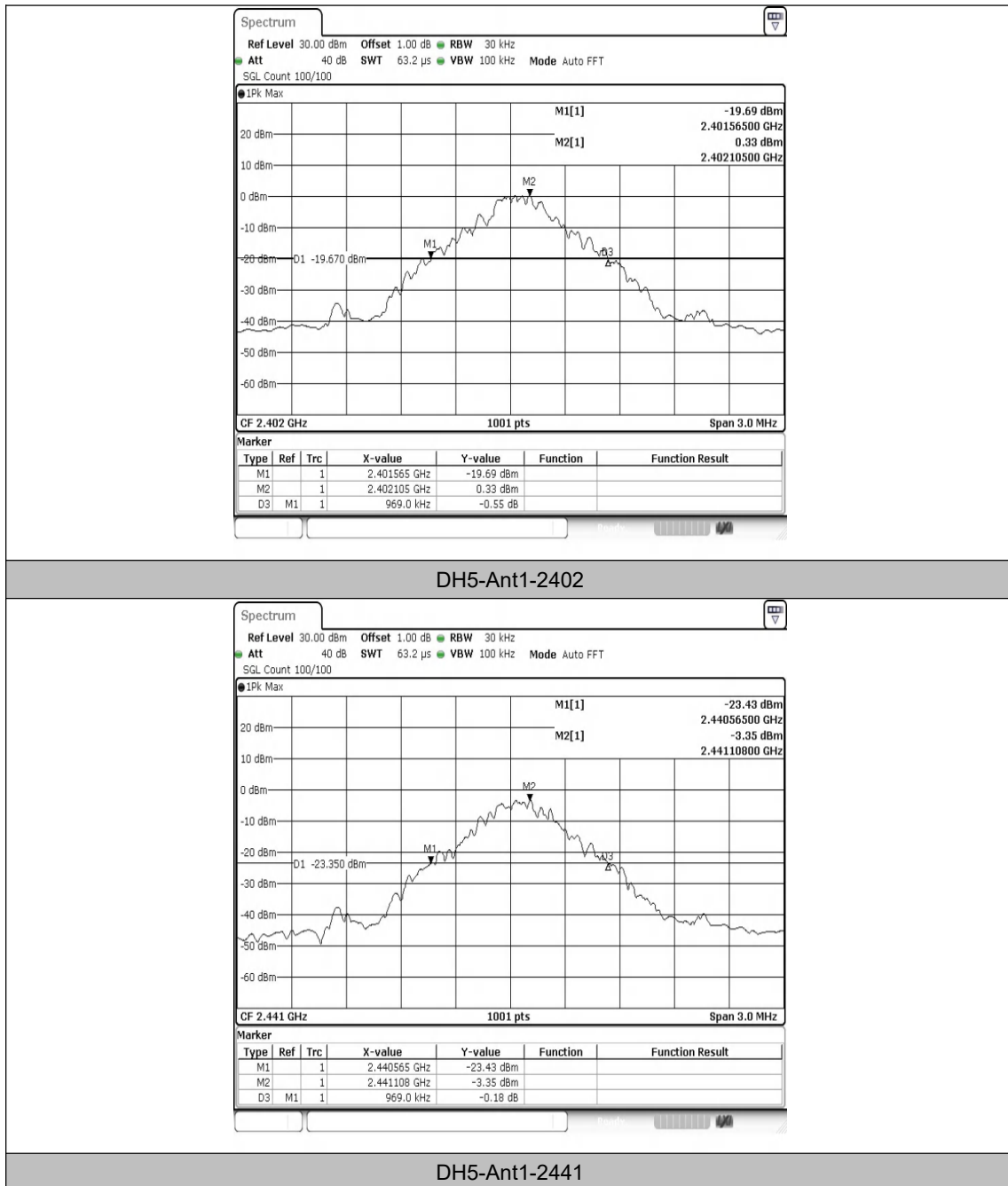
Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.97	2401.57	2402.53	---	---
DH5	Ant1	2441	0.97	2440.57	2441.53	---	---
DH5	Ant1	2480	0.98	2479.56	2480.54	---	---
2DH5	Ant1	2402	1.37	2401.36	2402.74	---	---
2DH5	Ant1	2441	1.38	2440.36	2441.75	---	---
2DH5	Ant1	2480	1.36	2479.39	2480.75	---	---
3DH5	Ant1	2402	1.35	2401.37	2402.72	---	---
3DH5	Ant1	2441	1.34	2440.38	2441.72	---	---
3DH5	Ant1	2480	1.35	2479.38	2480.74	---	---



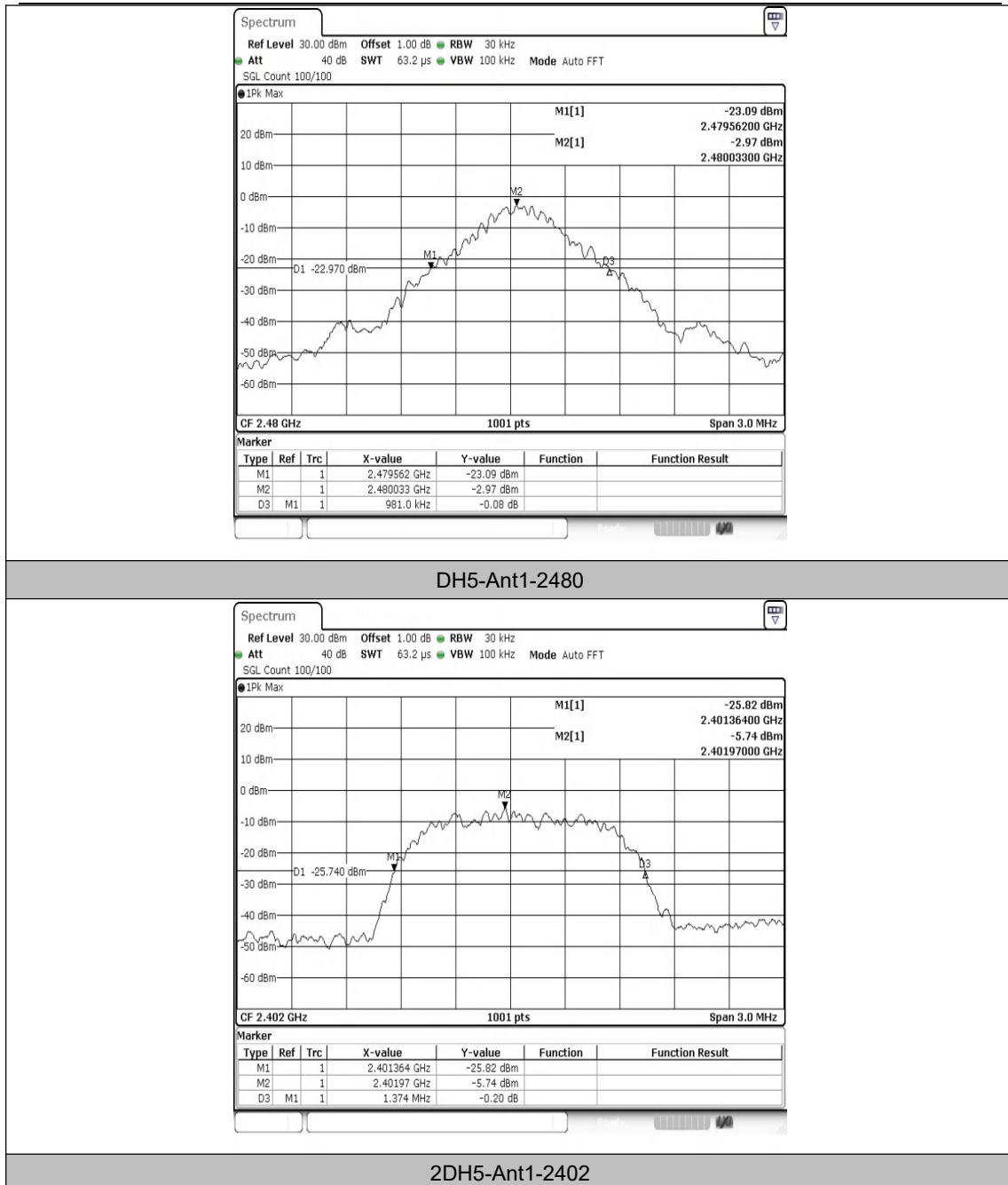
Test Graphs

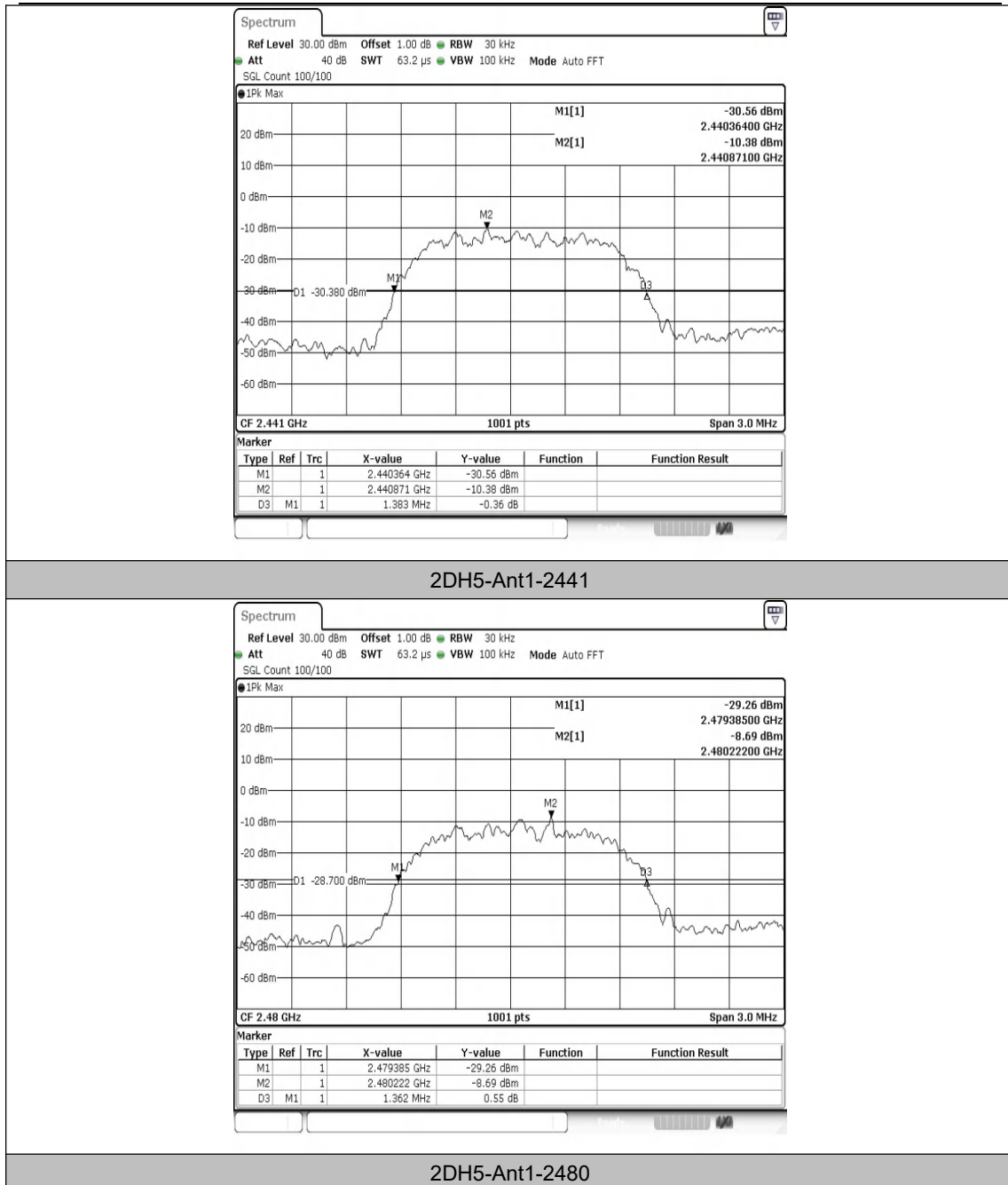


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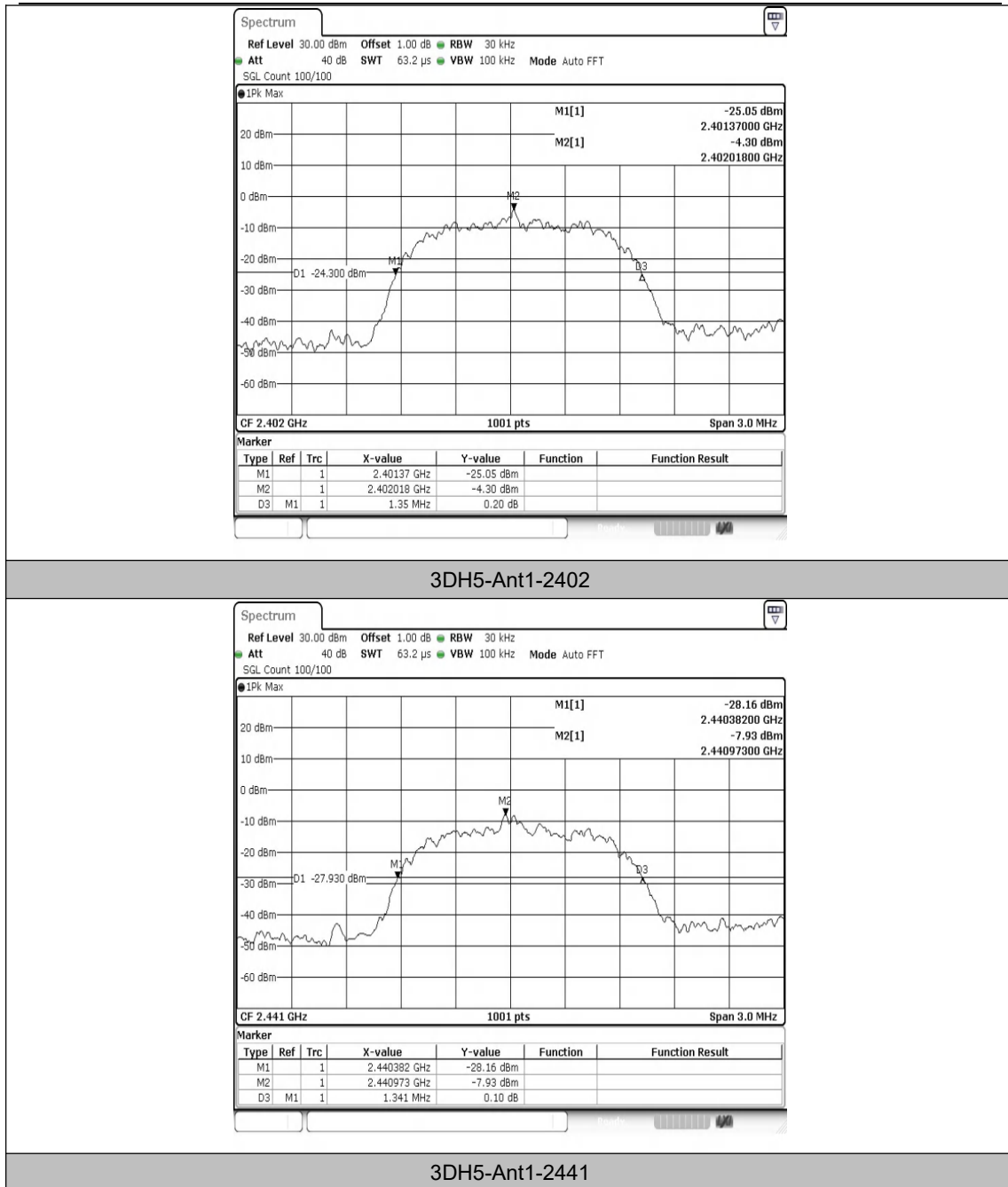


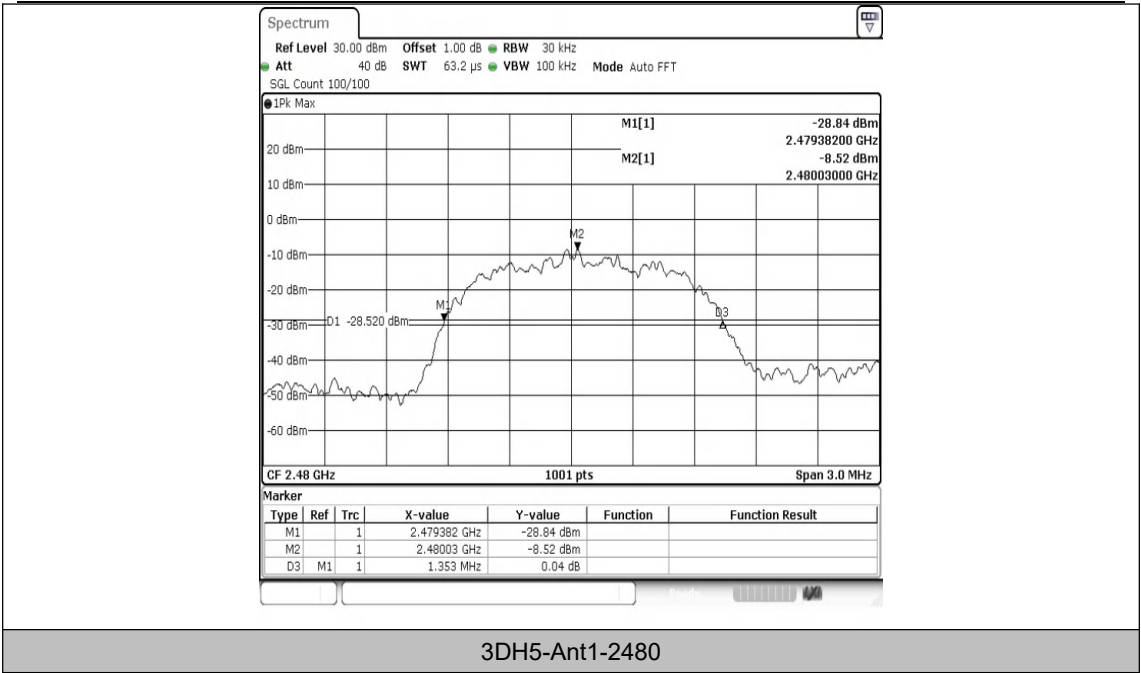


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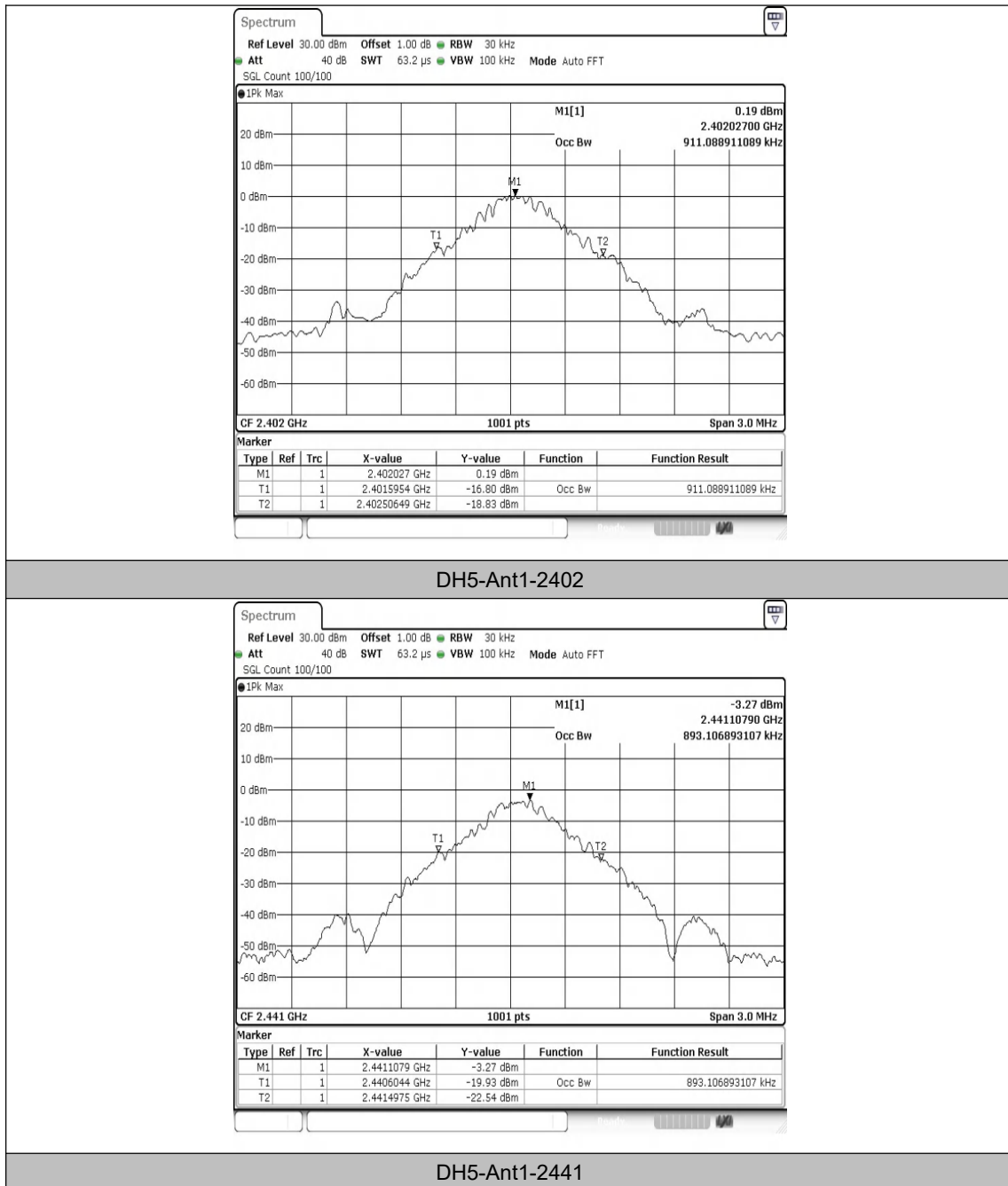
Appendix B: 99% Occupied Bandwidth

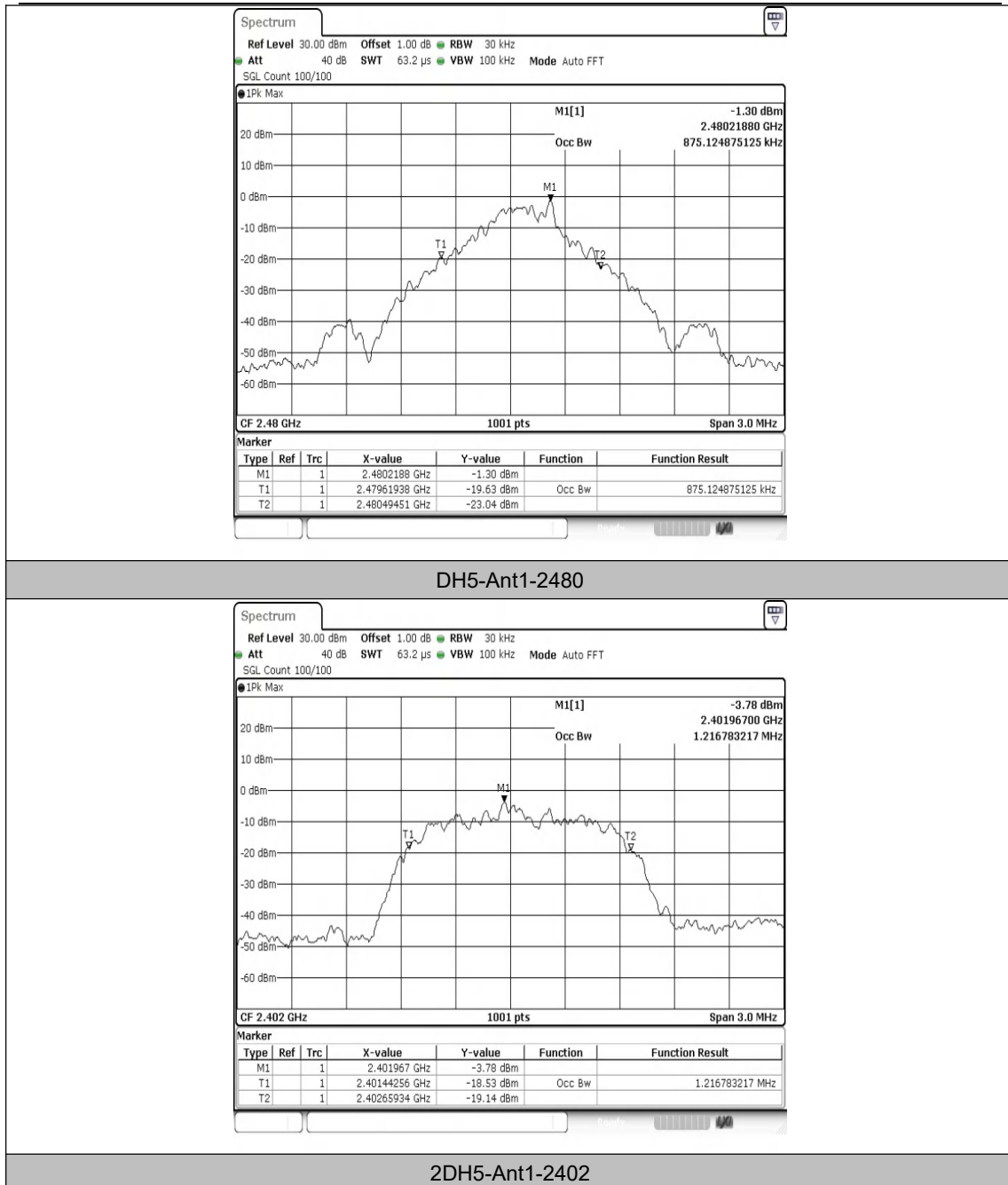
Test Result

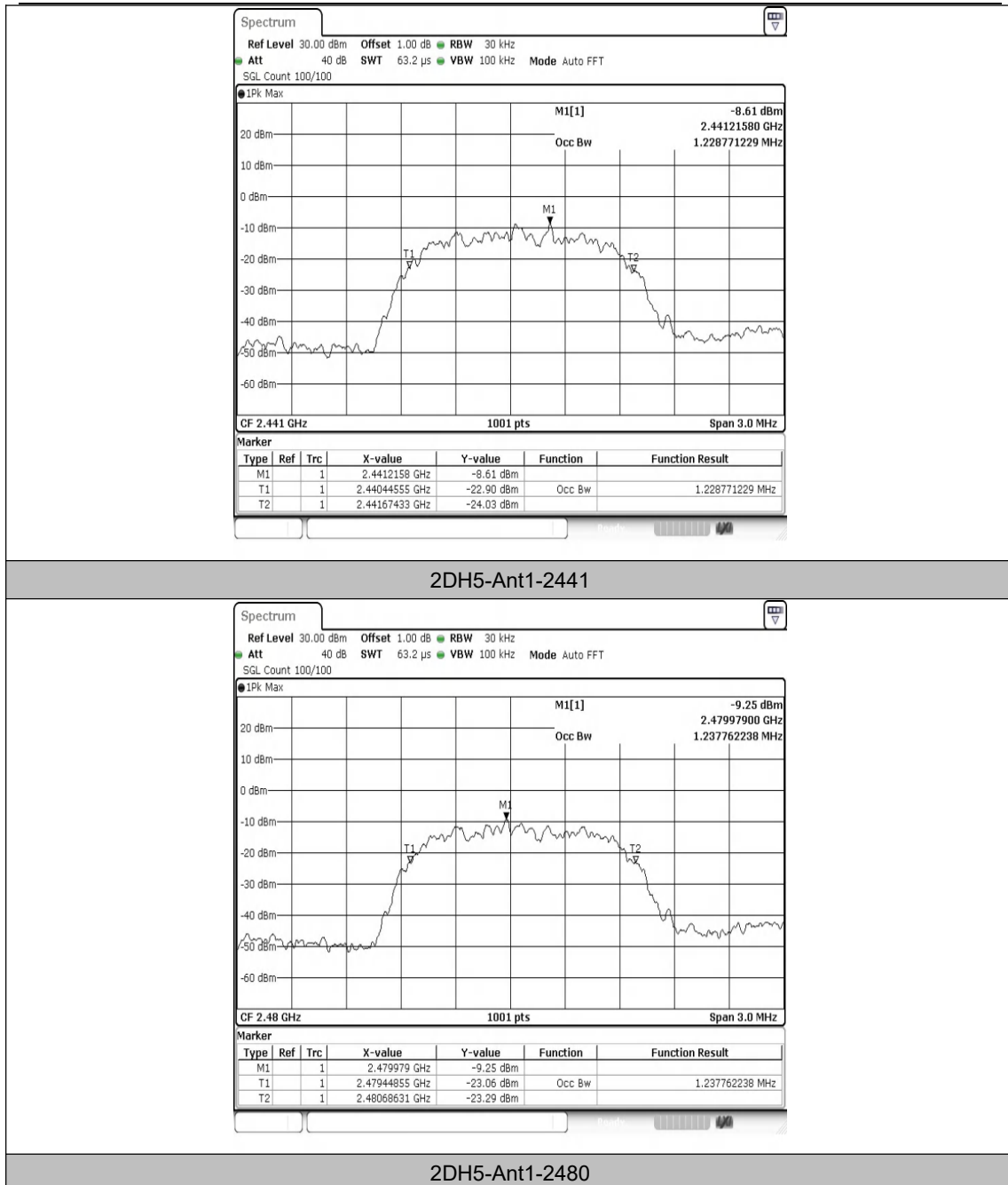
Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.91109	2401.5954	2402.5065	---	---
DH5	Ant1	2441	0.89311	2440.6044	2441.4975	---	---
DH5	Ant1	2480	0.87512	2479.6194	2480.4945	---	---
2DH5	Ant1	2402	1.2168	2401.4426	2402.6593	---	---
2DH5	Ant1	2441	1.2288	2440.4456	2441.6743	---	---
2DH5	Ant1	2480	1.2378	2479.4486	2480.6863	---	---
3DH5	Ant1	2402	1.2288	2401.4336	2402.6623	---	---
3DH5	Ant1	2441	1.2348	2440.4366	2441.6713	---	---
3DH5	Ant1	2480	1.2168	2479.4515	2480.6683	---	---

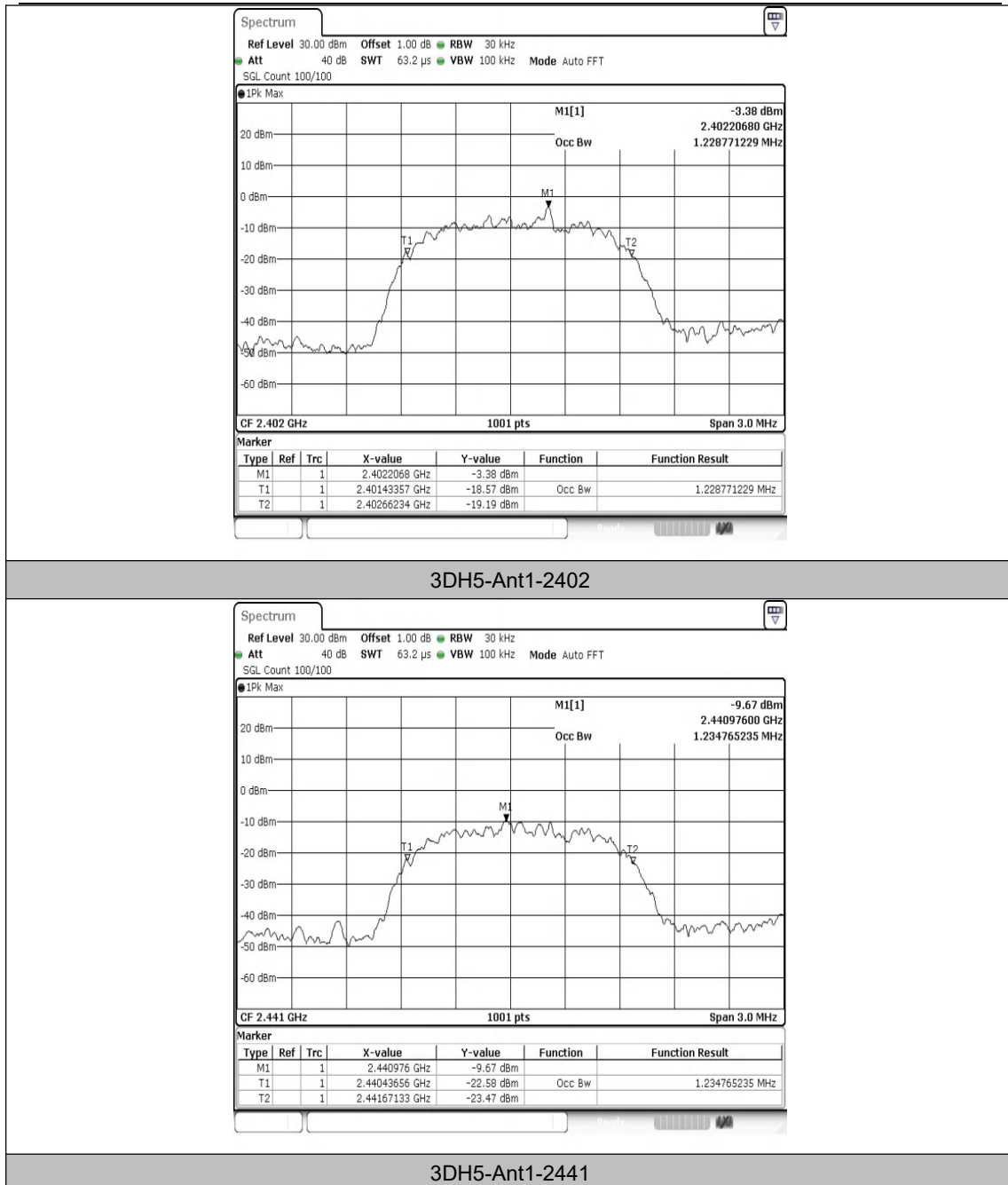


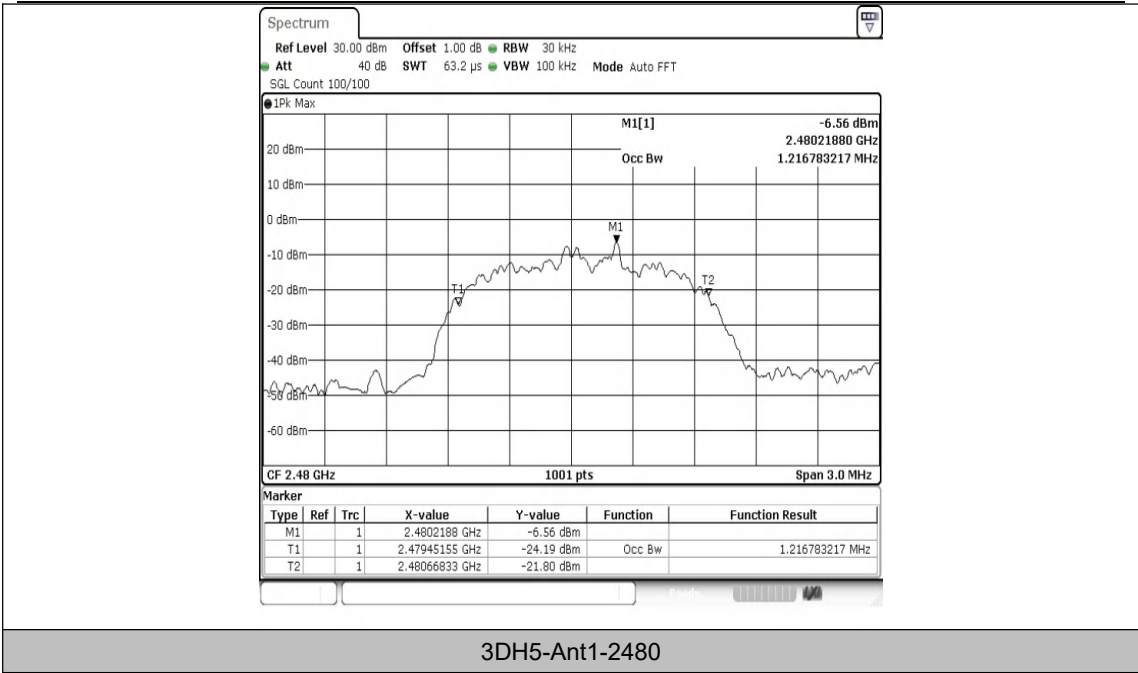
Test Graphs











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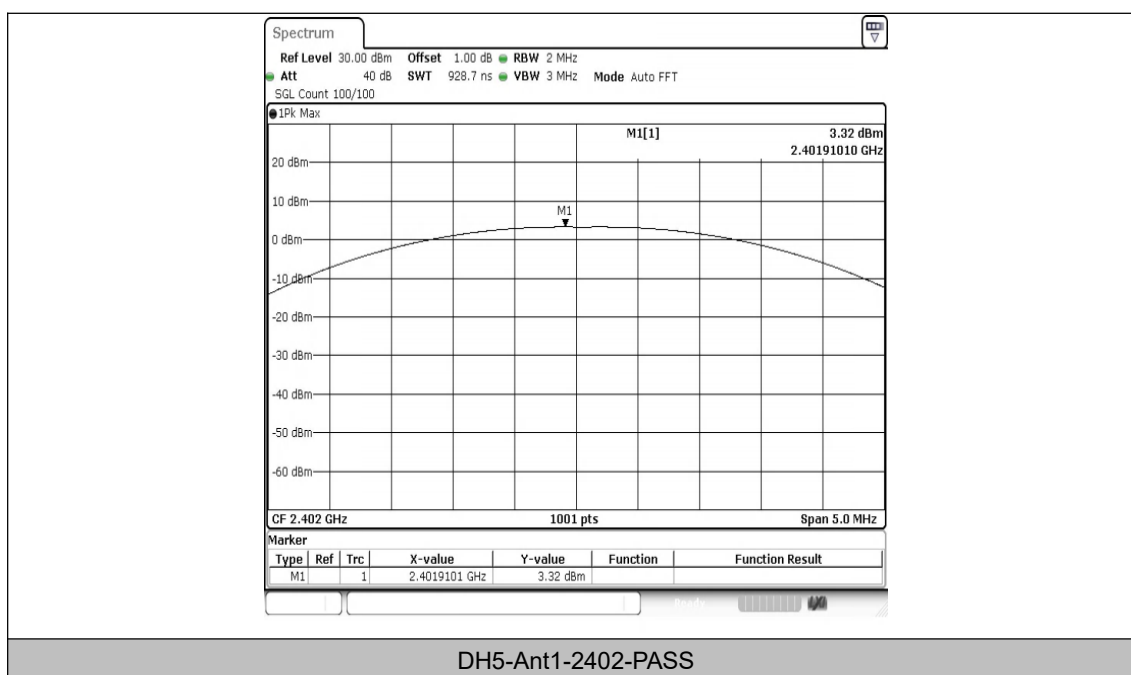
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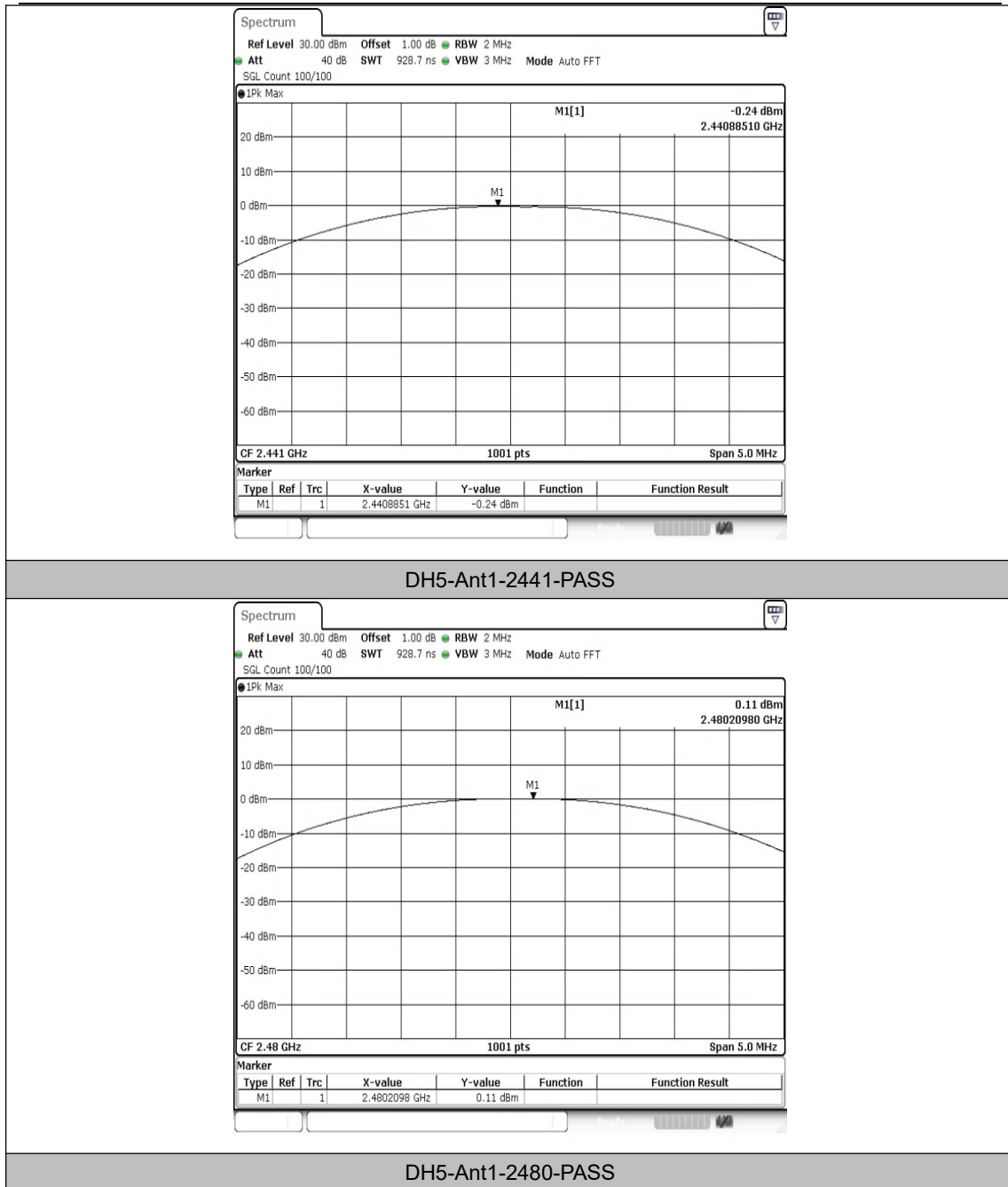
Appendix C: Maximum Conducted Output Power

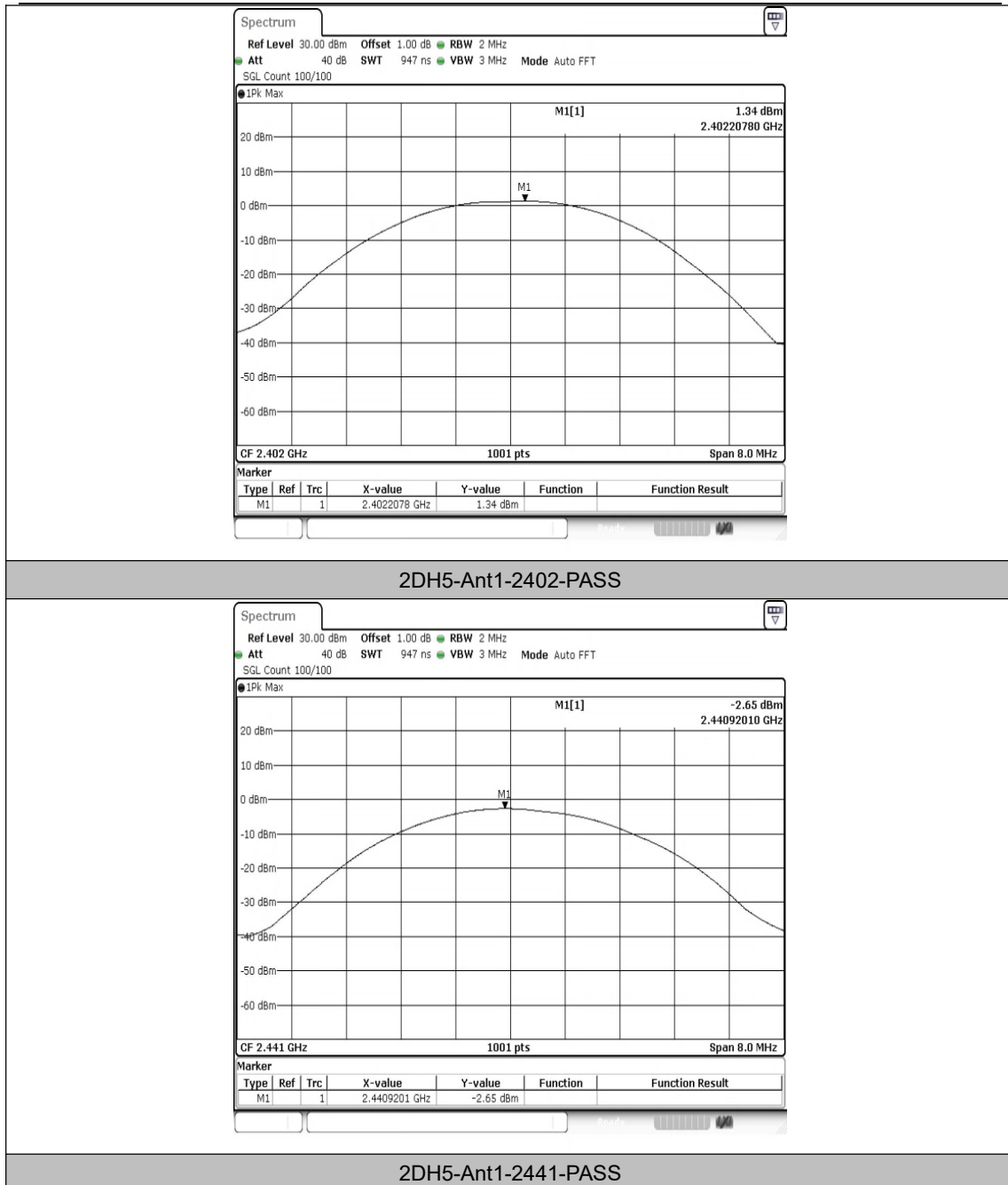
Test Result Peak

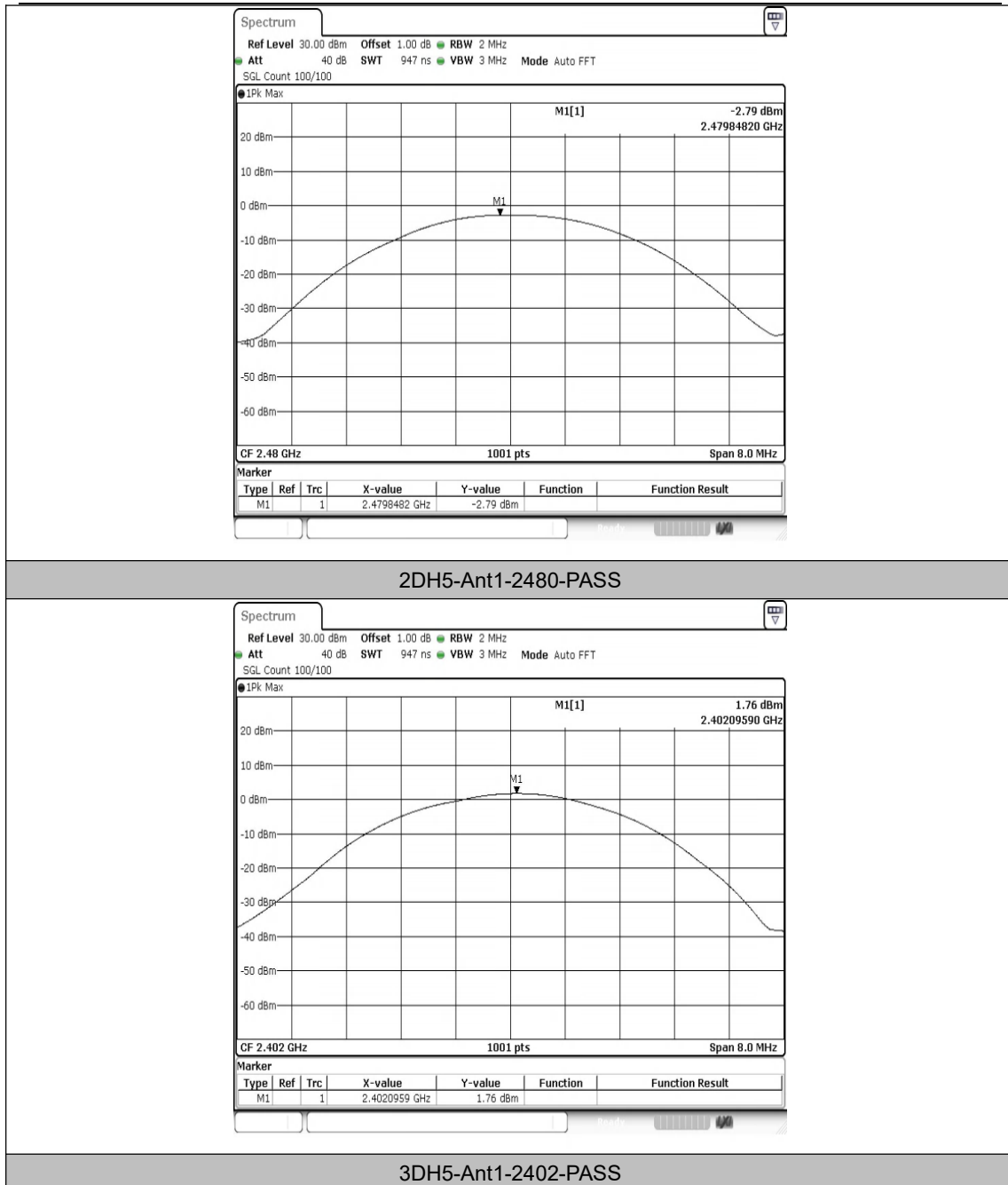
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	3.32	≤20.97	PASS
DH5	Ant1	2441	-0.24	≤20.97	PASS
DH5	Ant1	2480	0.11	≤20.97	PASS
2DH5	Ant1	2402	1.34	≤20.97	PASS
2DH5	Ant1	2441	-2.65	≤20.97	PASS
2DH5	Ant1	2480	-2.79	≤20.97	PASS
3DH5	Ant1	2402	1.76	≤20.97	PASS
3DH5	Ant1	2441	-2.82	≤20.97	PASS
3DH5	Ant1	2480	-2.42	≤20.97	PASS

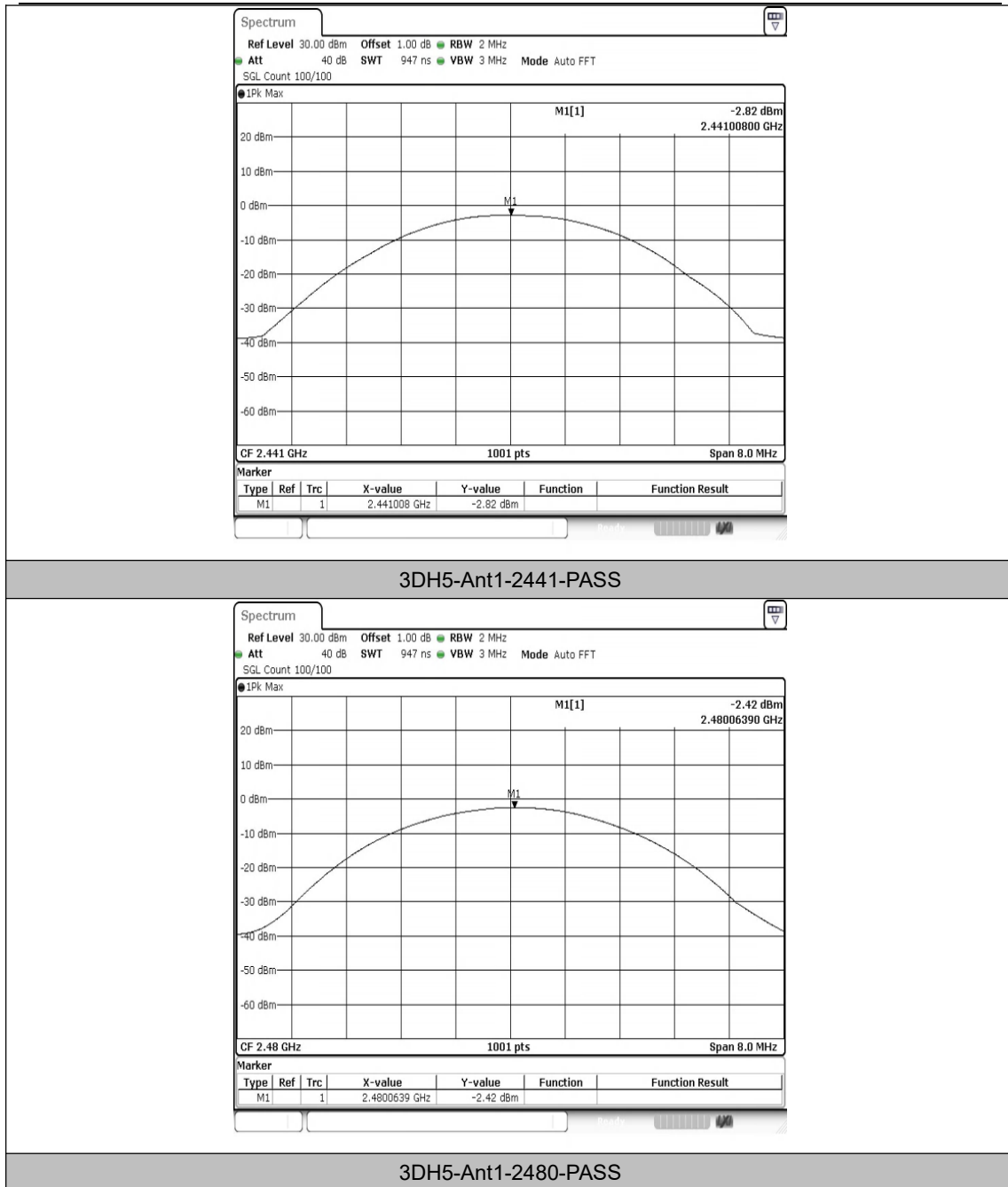
Test Graphs











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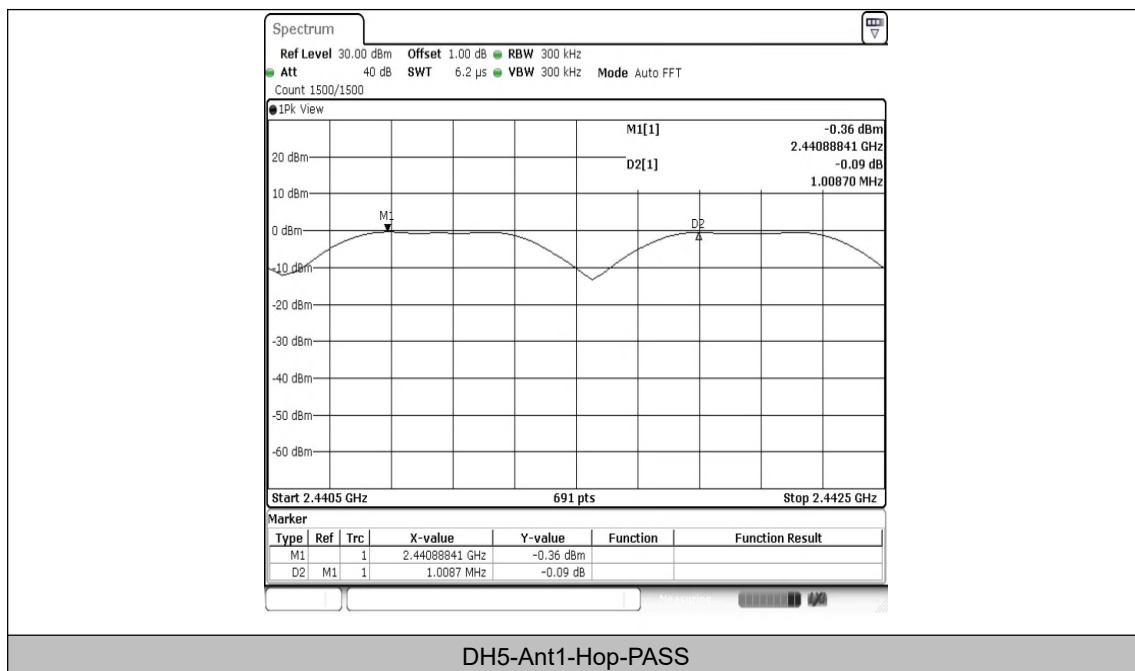
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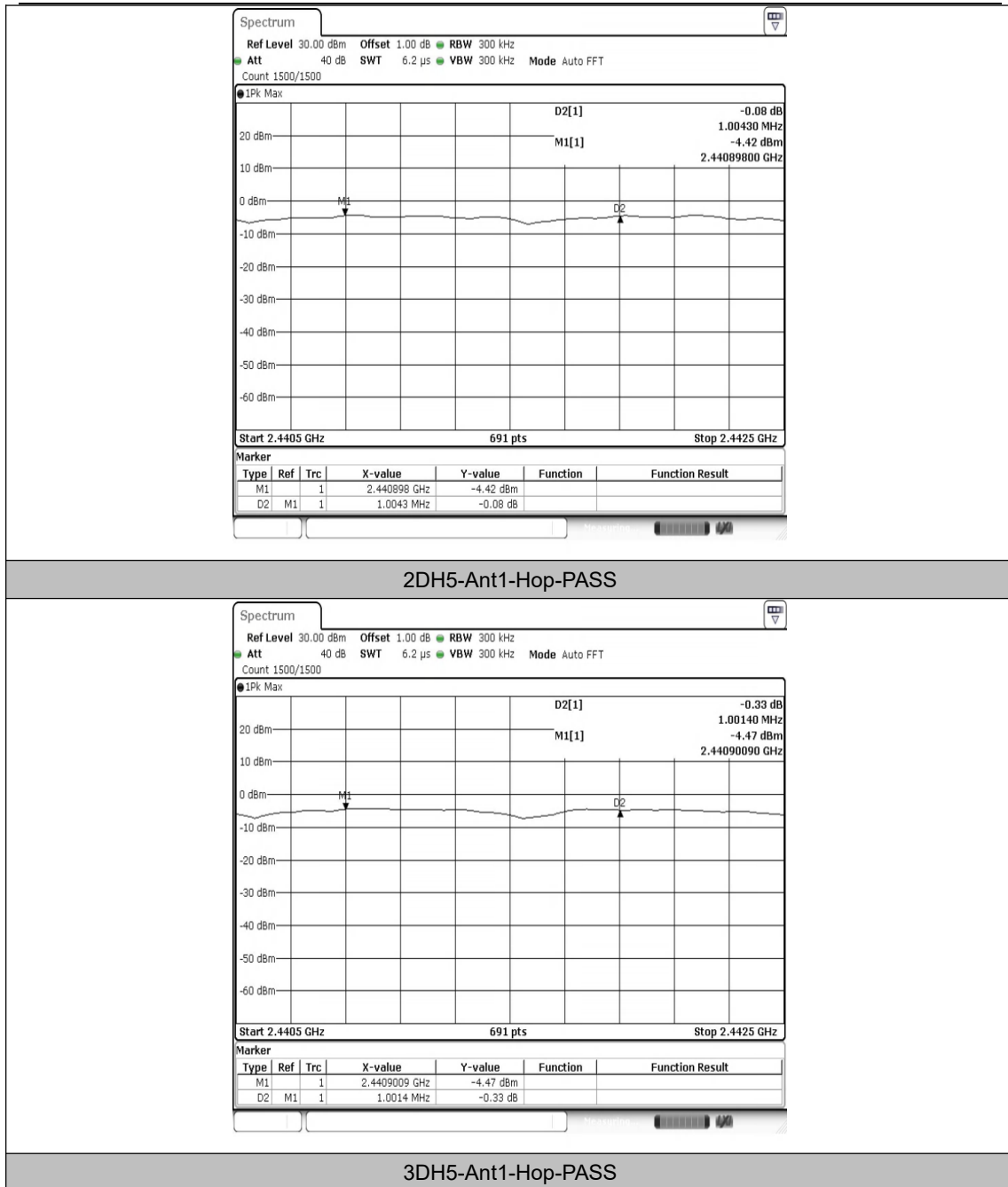
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.009	≥0.980	PASS
2DH5	Ant1	Hop	1.004	≥0.920	PASS
3DH5	Ant1	Hop	1.001	≥0.900	PASS

Test Graphs





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Appendix E: Dwell Time

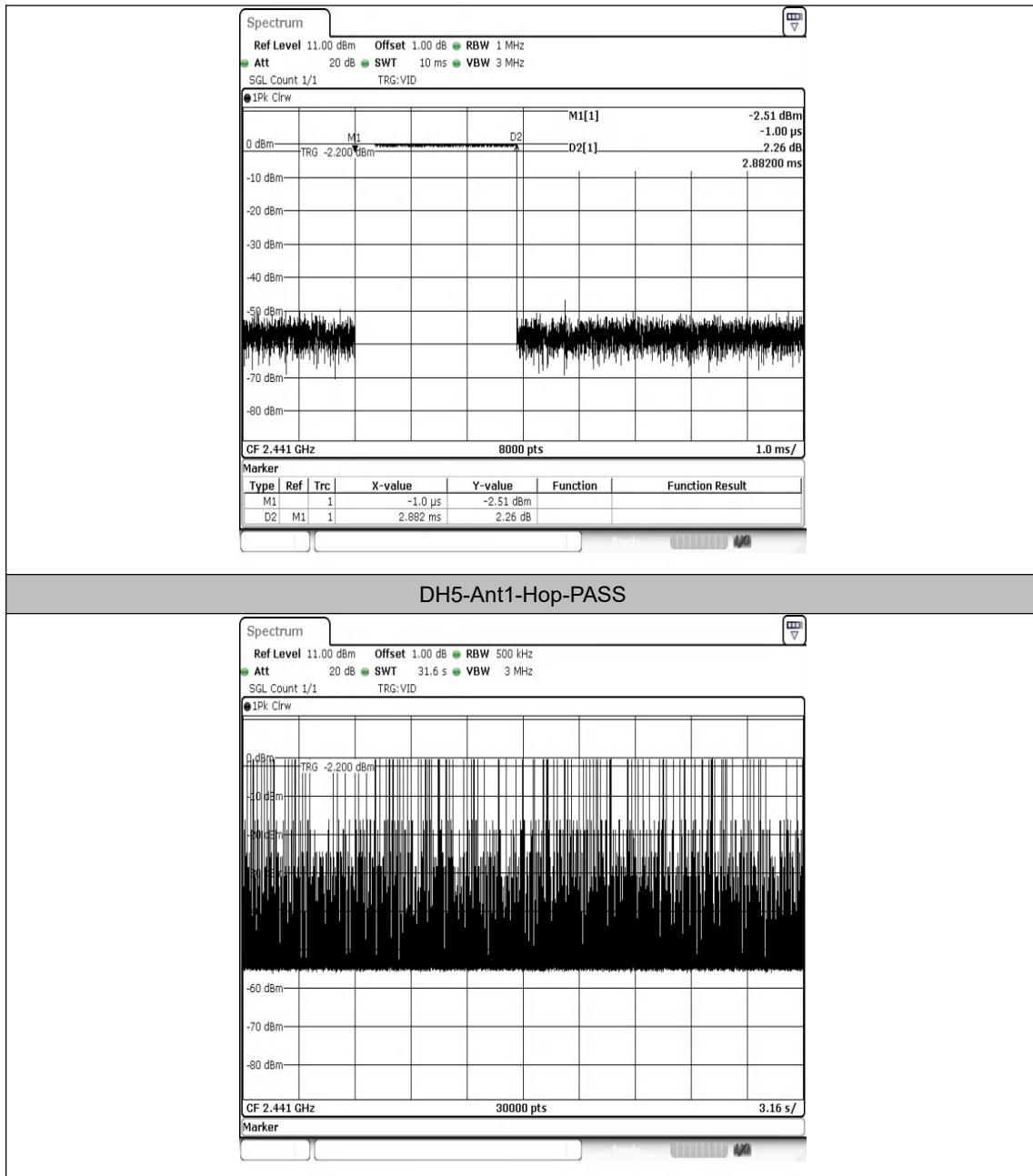
Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.882	115	0.331	≤0.4	PASS
2DH5	Ant1	Hop	2.884	95	0.274	≤0.4	PASS
3DH5	Ant1	Hop	2.885	115	0.332	≤0.4	PASS

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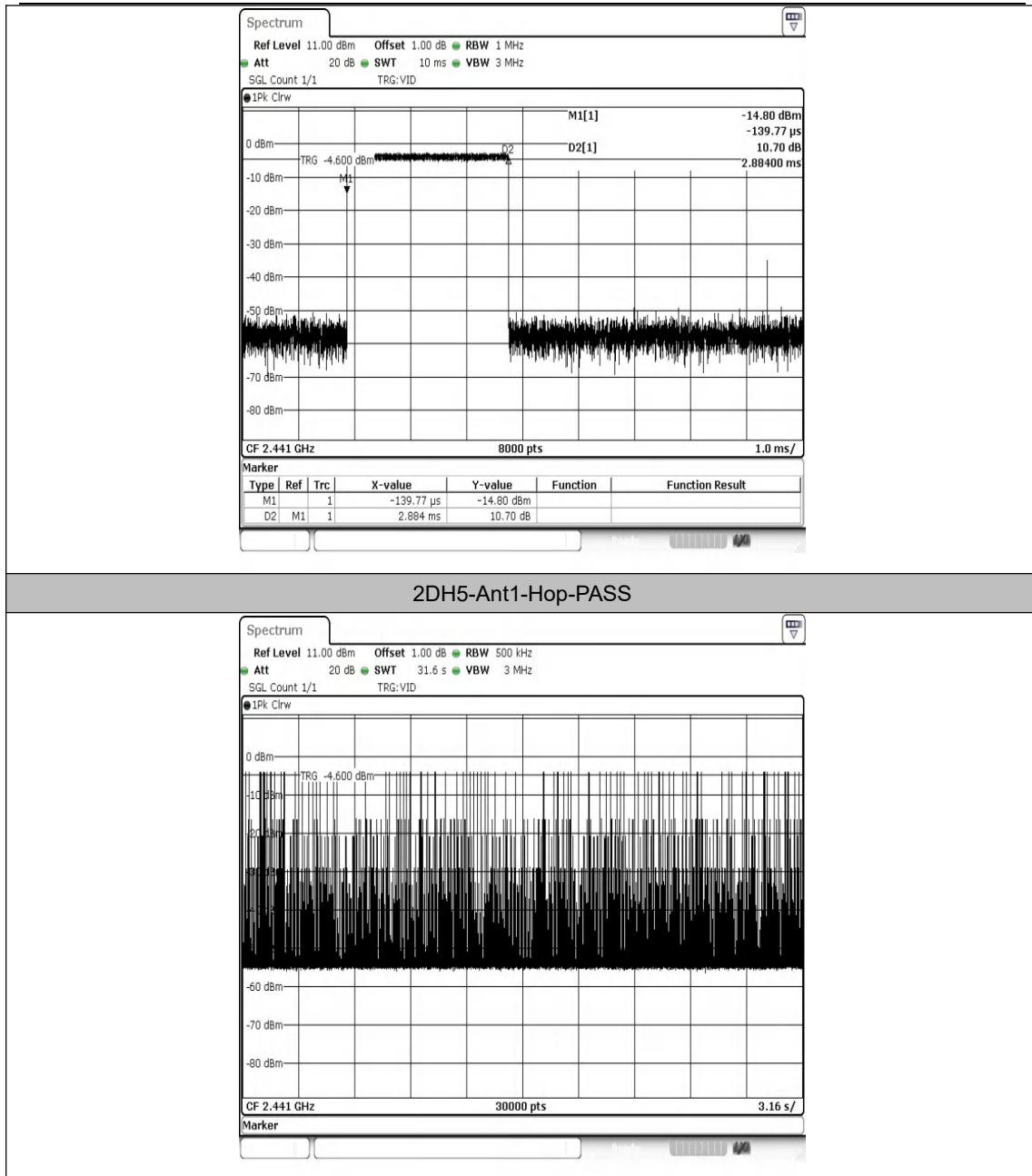
Test Graphs

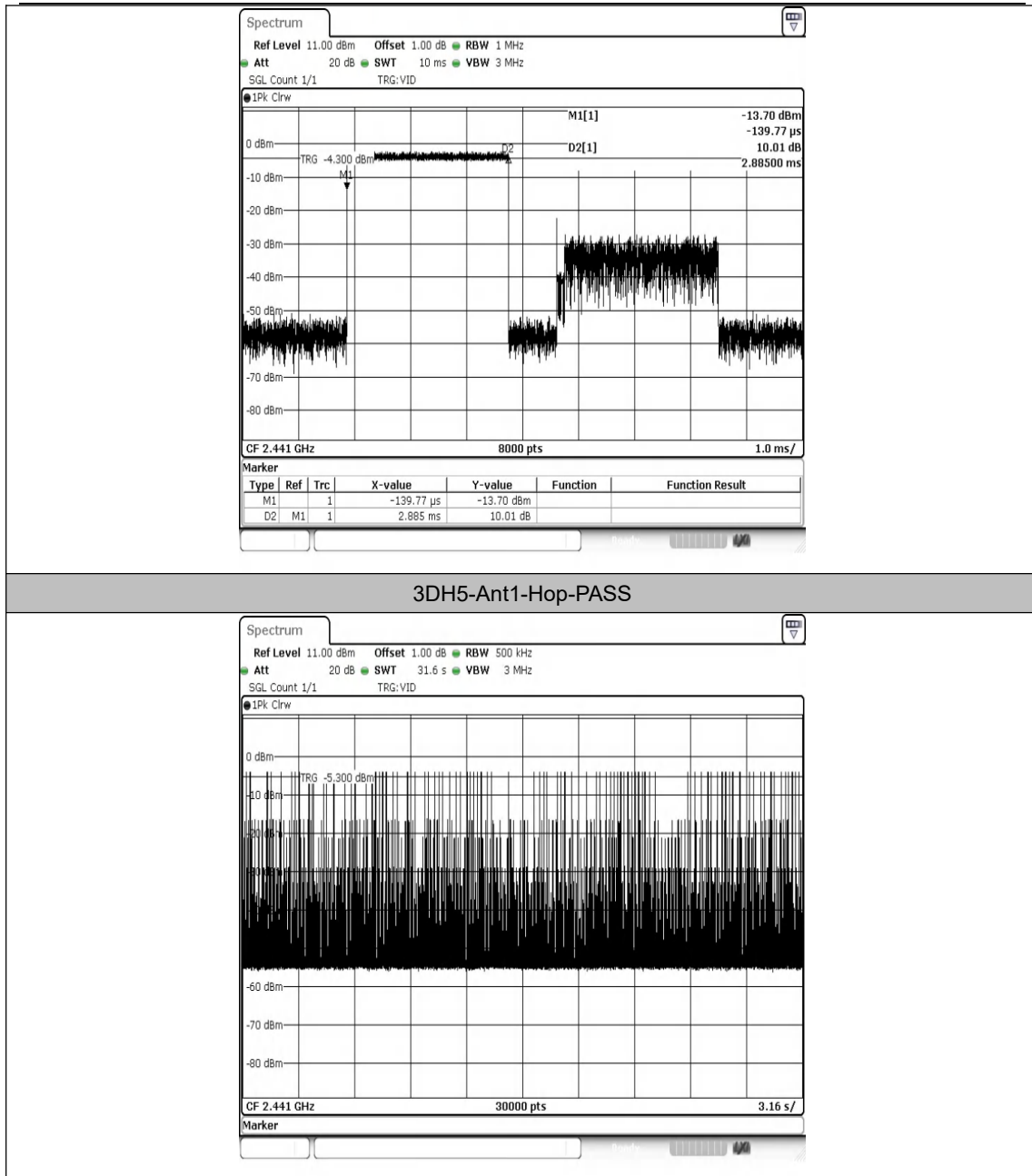


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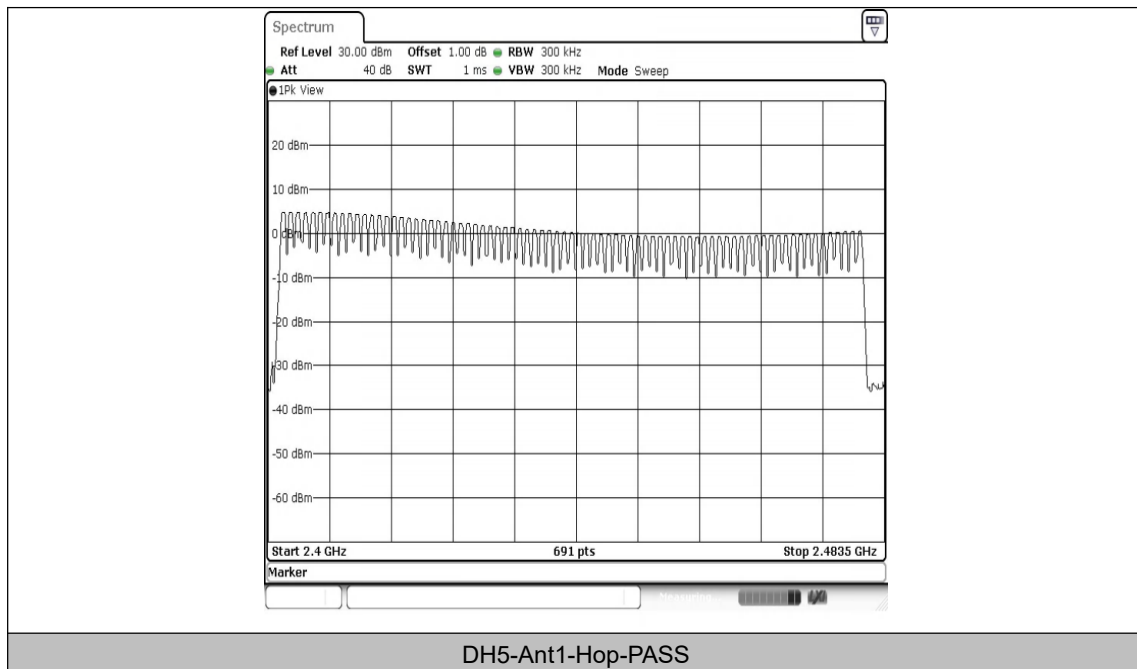
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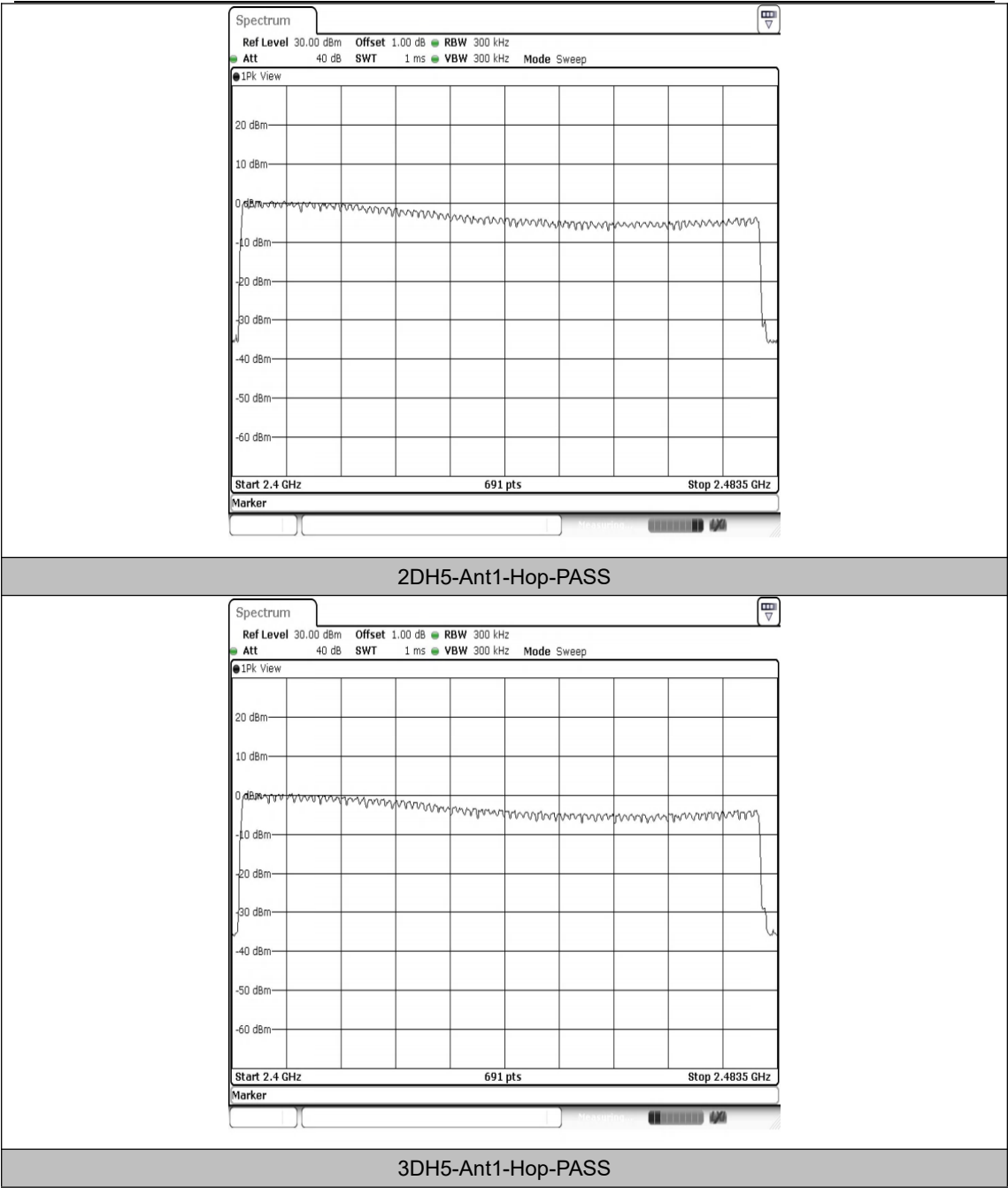
Appendix F: Number of Hopping Channel

Test Result

Test Mode	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





Appendix G: Conducted Band edge

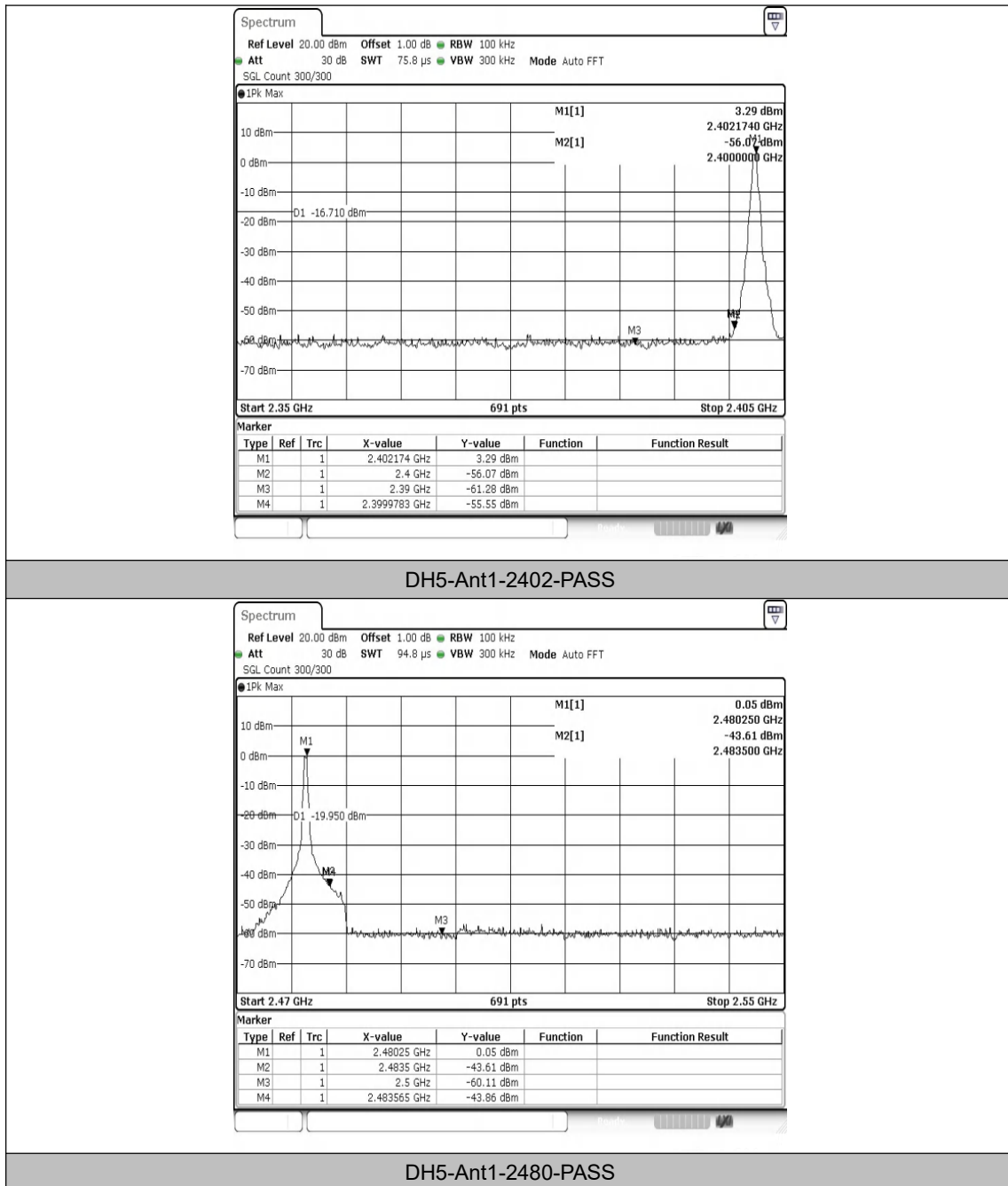
Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	3.29	-55.55	≤-16.71	PASS
DH5	Ant1	High	2480	0.05	-43.86	≤-19.95	PASS
DH5	Ant1	Low	Hop_2402	3.50	-58.11	≤-16.5	PASS
DH5	Ant1	High	Hop_2480	-0.72	-57.09	≤-20.72	PASS
2DH5	Ant1	Low	2402	-1.49	-56.65	≤-21.49	PASS
2DH5	Ant1	High	2480	-4.76	-57.15	≤-24.76	PASS
2DH5	Ant1	Low	Hop_2402	-3.40	-58.04	≤-23.4	PASS
2DH5	Ant1	High	Hop_2480	-7.48	-56.02	≤-27.48	PASS
3DH5	Ant1	Low	2402	-0.46	-40.71	≤-20.46	PASS
3DH5	Ant1	High	2480	-4.46	-57.07	≤-24.46	PASS
3DH5	Ant1	Low	Hop_2402	-0.80	-58.47	≤-20.8	PASS
3DH5	Ant1	High	Hop_2480	-4.99	-56.71	≤-24.99	PASS

Remark:1. Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'offset' of the Spectrum Analyzer during the test.



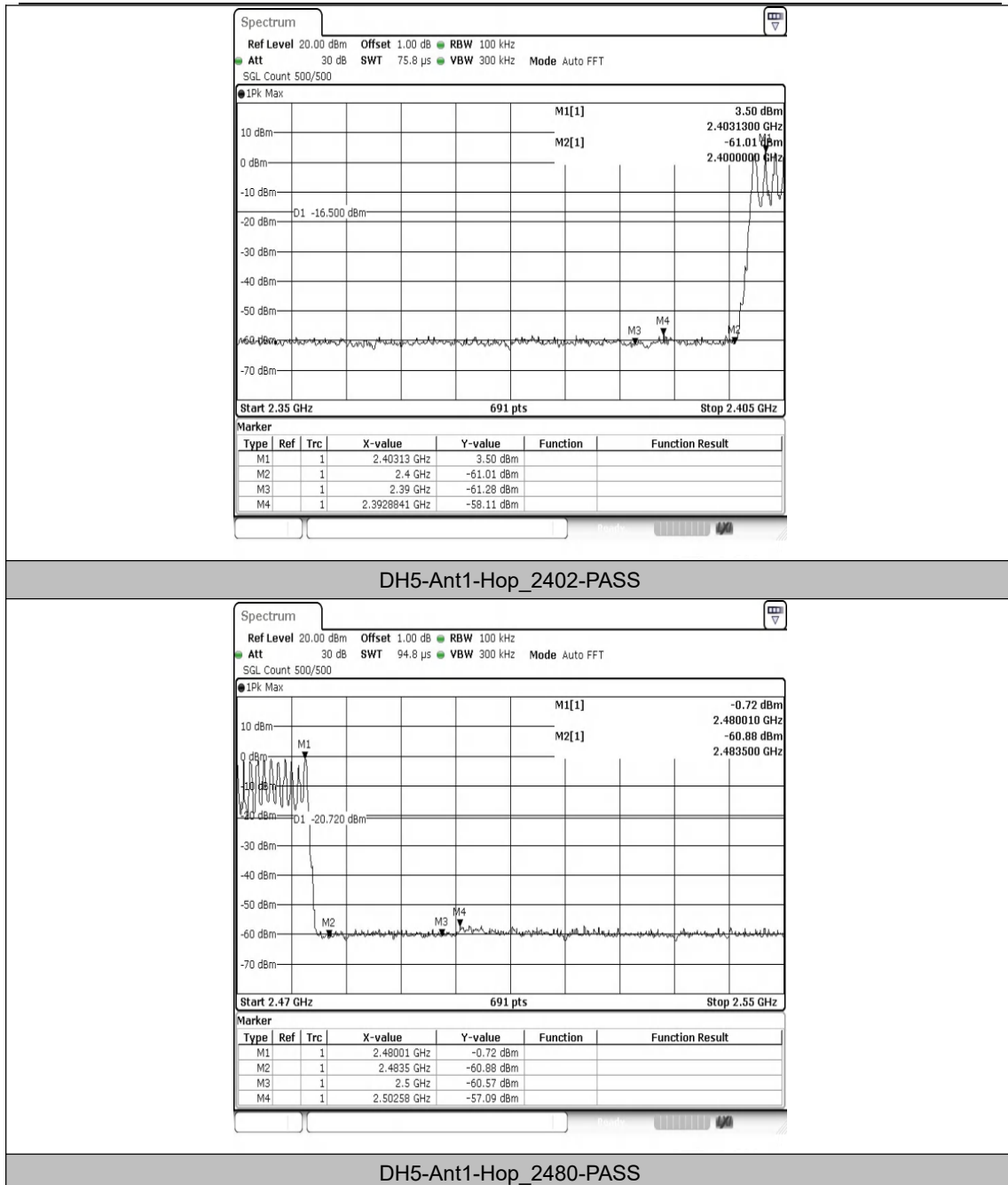
Test Graphs

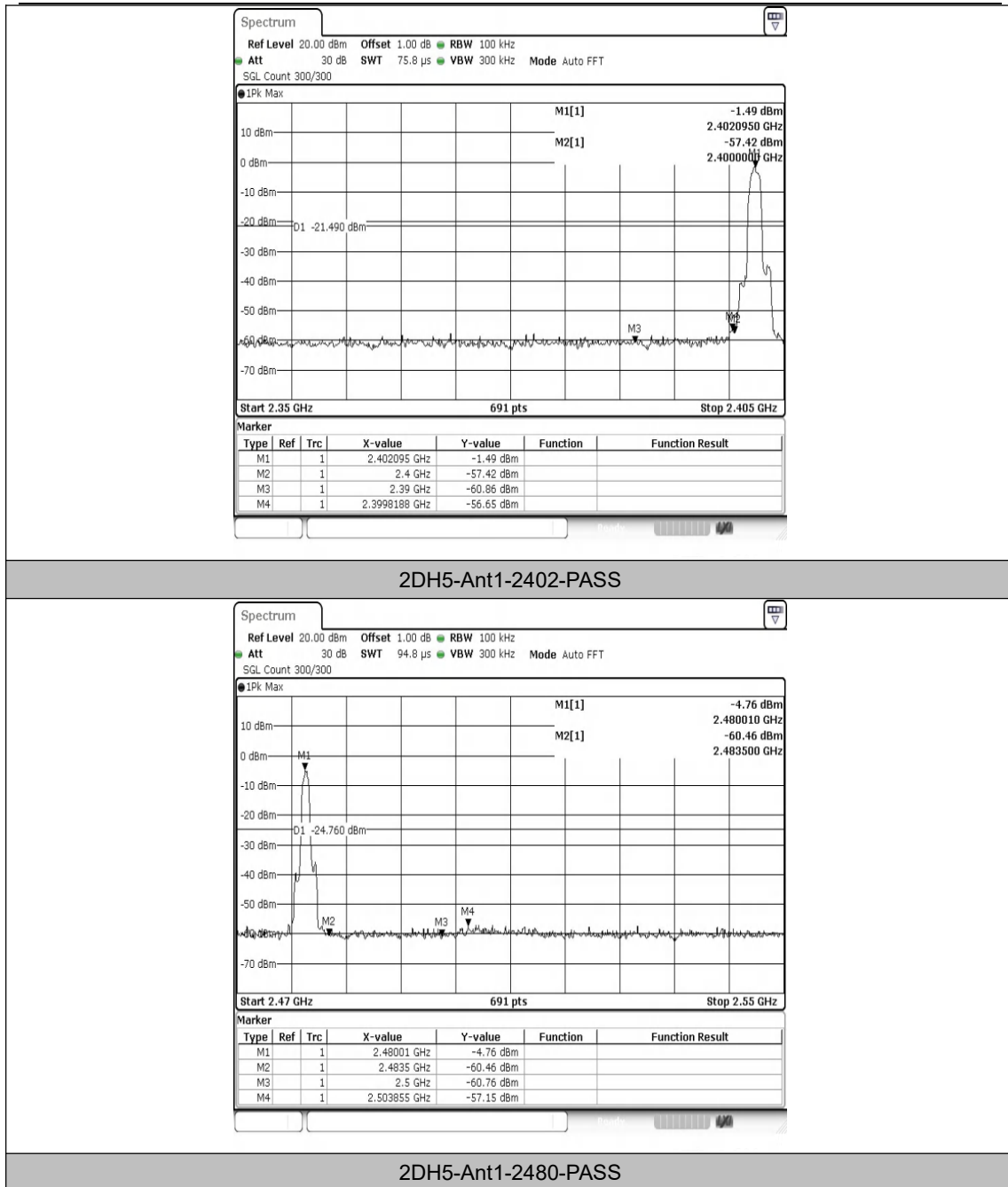


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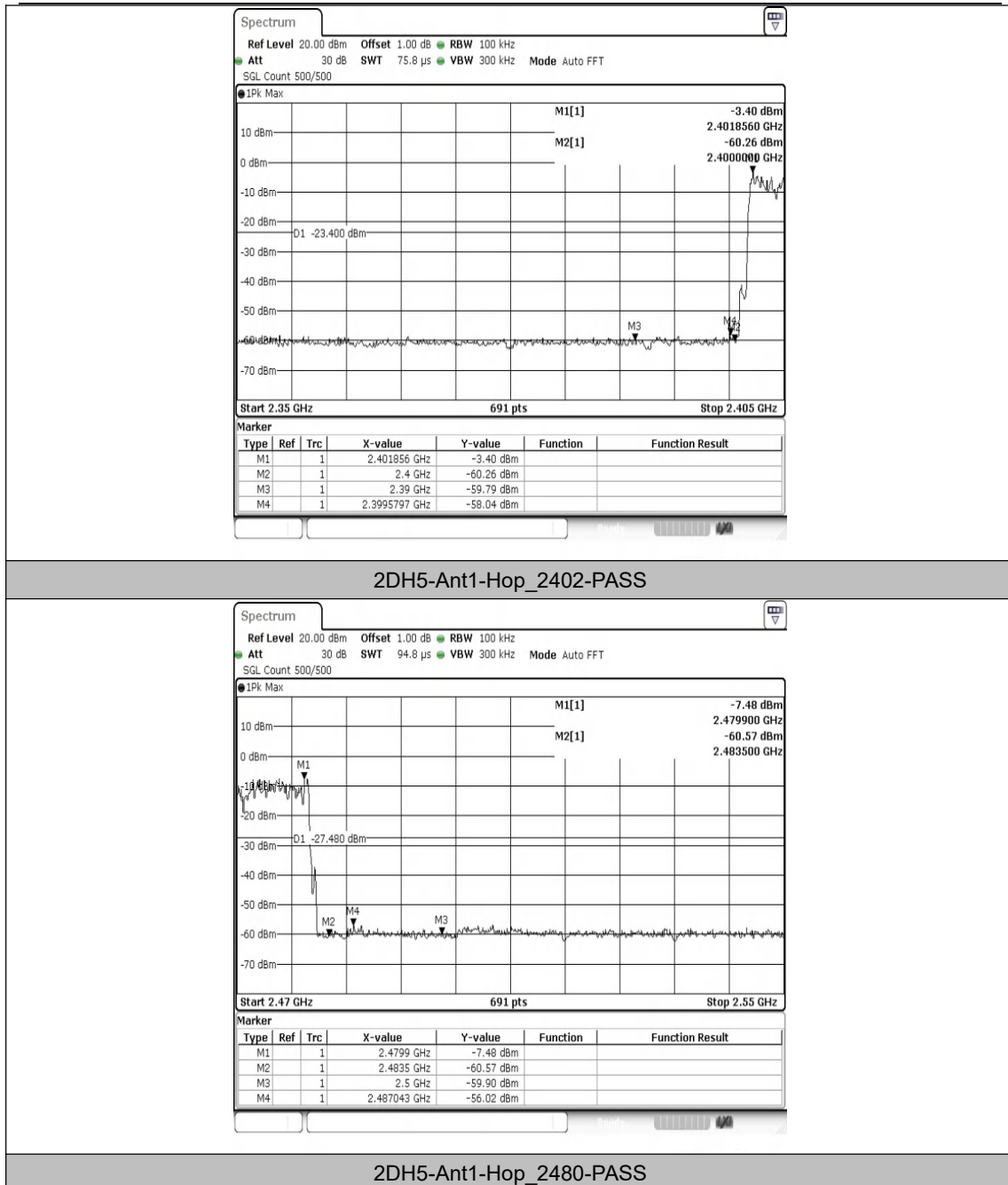


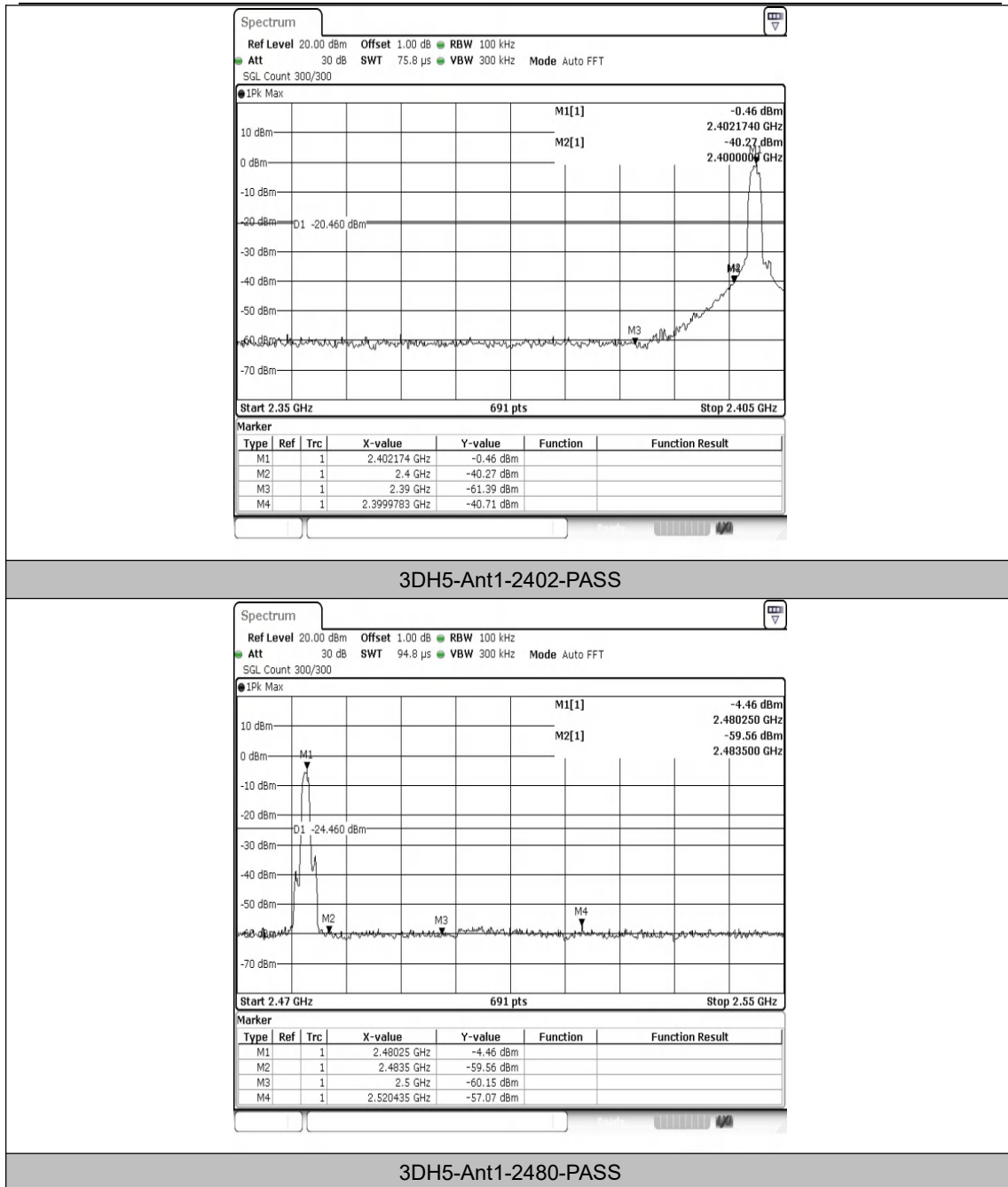


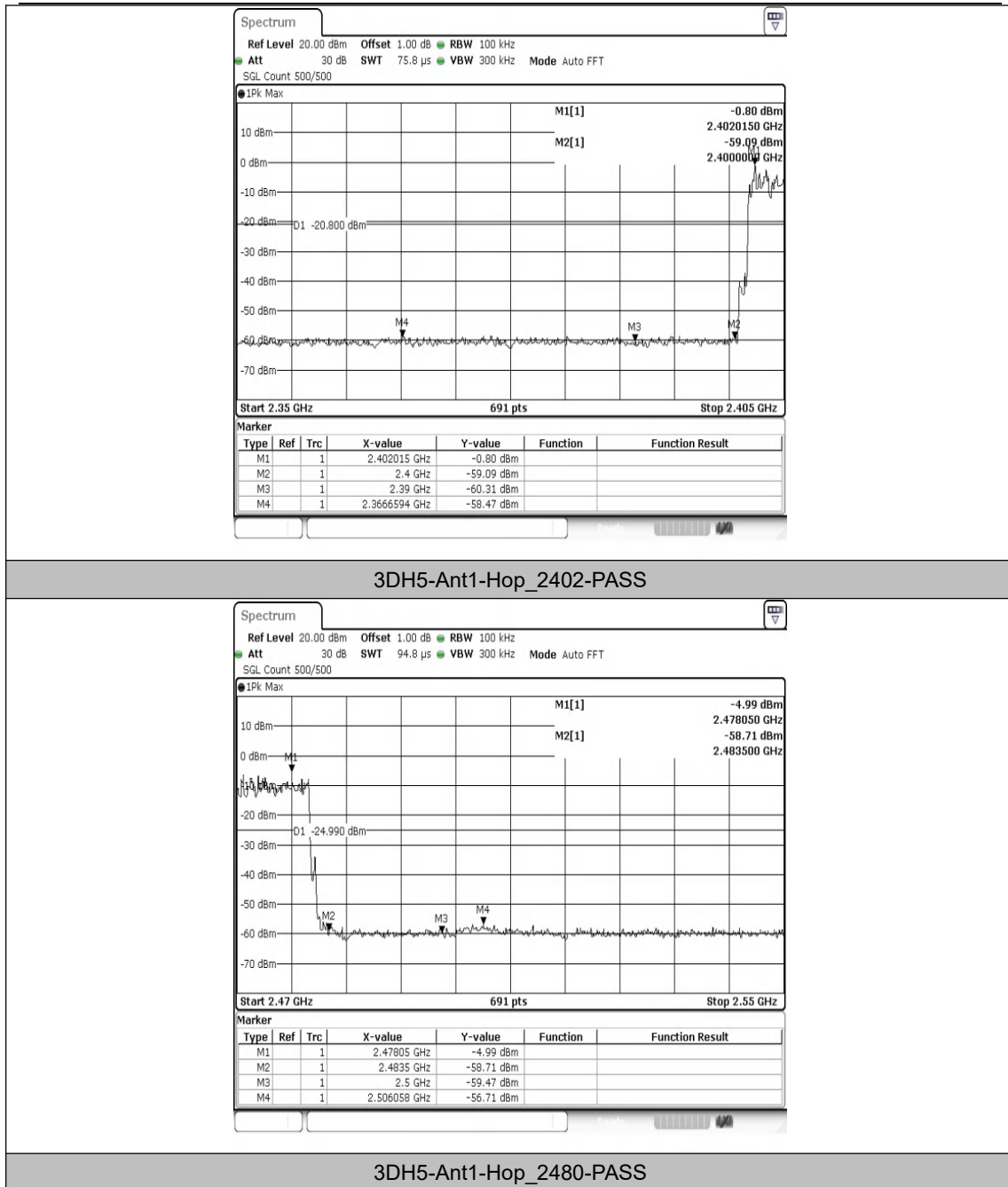
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Appendix H: Conducted Spurious Emission

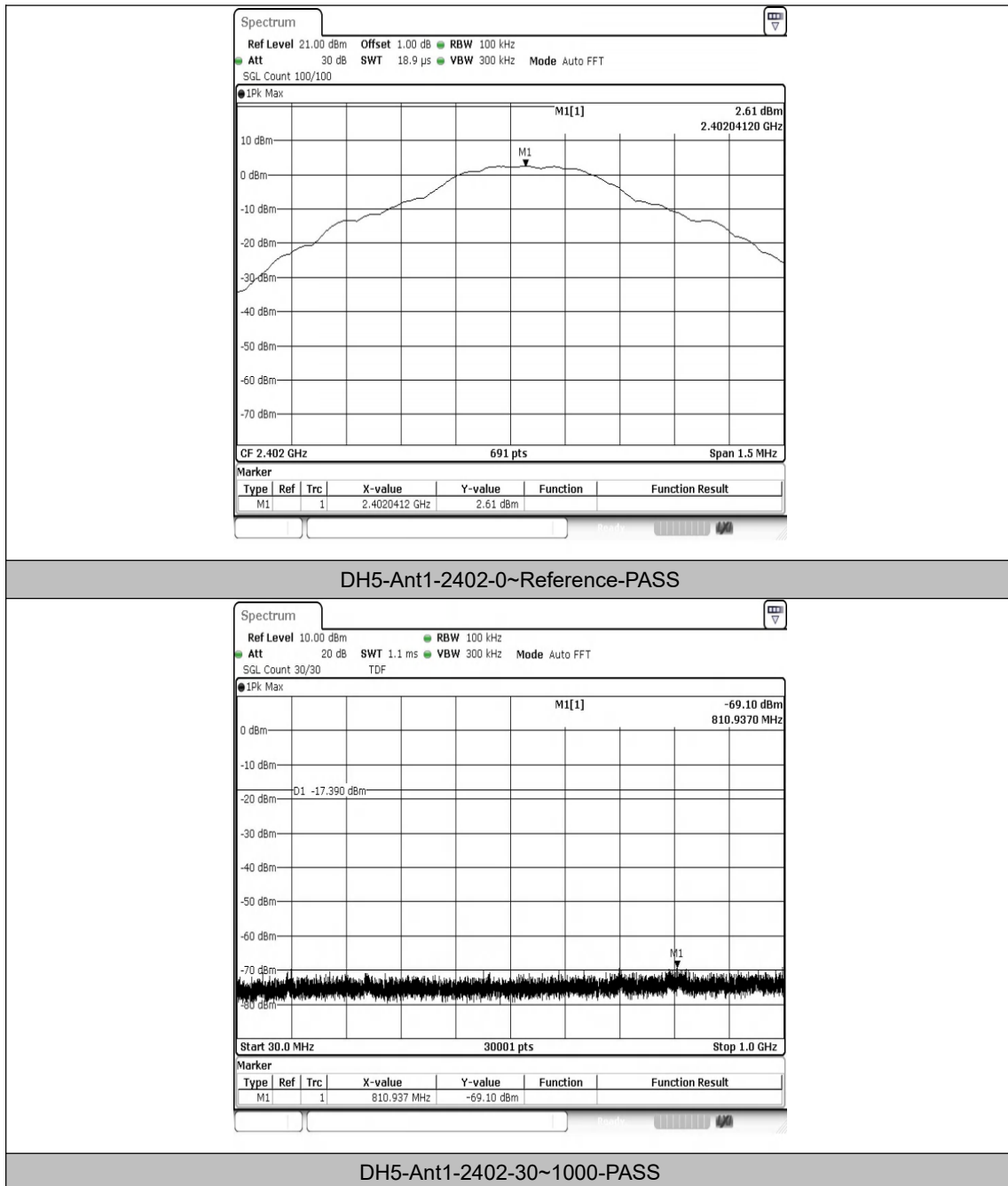
Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	2.61	2.61	---	PASS
DH5	Ant1	2402	30~1000	2.61	-69.1	≤-17.39	PASS
DH5	Ant1	2402	1000~26500	2.61	-53.89	≤-17.39	PASS
DH5	Ant1	2441	0~Reference	-0.27	-0.27	---	PASS
DH5	Ant1	2441	30~1000	-0.27	-68.26	≤-20.27	PASS
DH5	Ant1	2441	1000~26500	-0.27	-54.07	≤-20.27	PASS
DH5	Ant1	2480	0~Reference	0.02	0.02	---	PASS
DH5	Ant1	2480	30~1000	0.02	-64.38	≤-19.98	PASS
DH5	Ant1	2480	1000~26500	0.02	-52.79	≤-19.98	PASS
2DH5	Ant1	2402	0~Reference	-1.07	-1.07	---	PASS
2DH5	Ant1	2402	30~1000	-1.07	-65.72	≤-21.07	PASS
2DH5	Ant1	2402	1000~26500	-1.07	-53.91	≤-21.07	PASS
2DH5	Ant1	2441	0~Reference	-5.12	-5.12	---	PASS
2DH5	Ant1	2441	30~1000	-5.12	-60.69	≤-25.12	PASS
2DH5	Ant1	2441	1000~26500	-5.12	-52.74	≤-25.12	PASS
2DH5	Ant1	2480	0~Reference	-5.53	-5.53	---	PASS
2DH5	Ant1	2480	30~1000	-5.53	-55.28	≤-25.53	PASS
2DH5	Ant1	2480	1000~26500	-5.53	-50.07	≤-25.53	PASS
3DH5	Ant1	2402	0~Reference	-1.34	-1.34	---	PASS
3DH5	Ant1	2402	30~1000	-1.34	-62.49	≤-21.34	PASS
3DH5	Ant1	2402	1000~26500	-1.34	-55.5	≤-21.34	PASS
3DH5	Ant1	2441	0~Reference	-4.90	-4.90	---	PASS
3DH5	Ant1	2441	30~1000	-4.90	-67.92	≤-24.9	PASS
3DH5	Ant1	2441	1000~26500	-4.90	-50.53	≤-24.9	PASS
3DH5	Ant1	2480	0~Reference	-5.45	-5.45	---	PASS
3DH5	Ant1	2480	30~1000	-5.45	-65.59	≤-25.45	PASS
3DH5	Ant1	2480	1000~26500	-5.45	-51.07	≤-25.45	PASS

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'TDF' of the Spectrum Analyzer during the test.



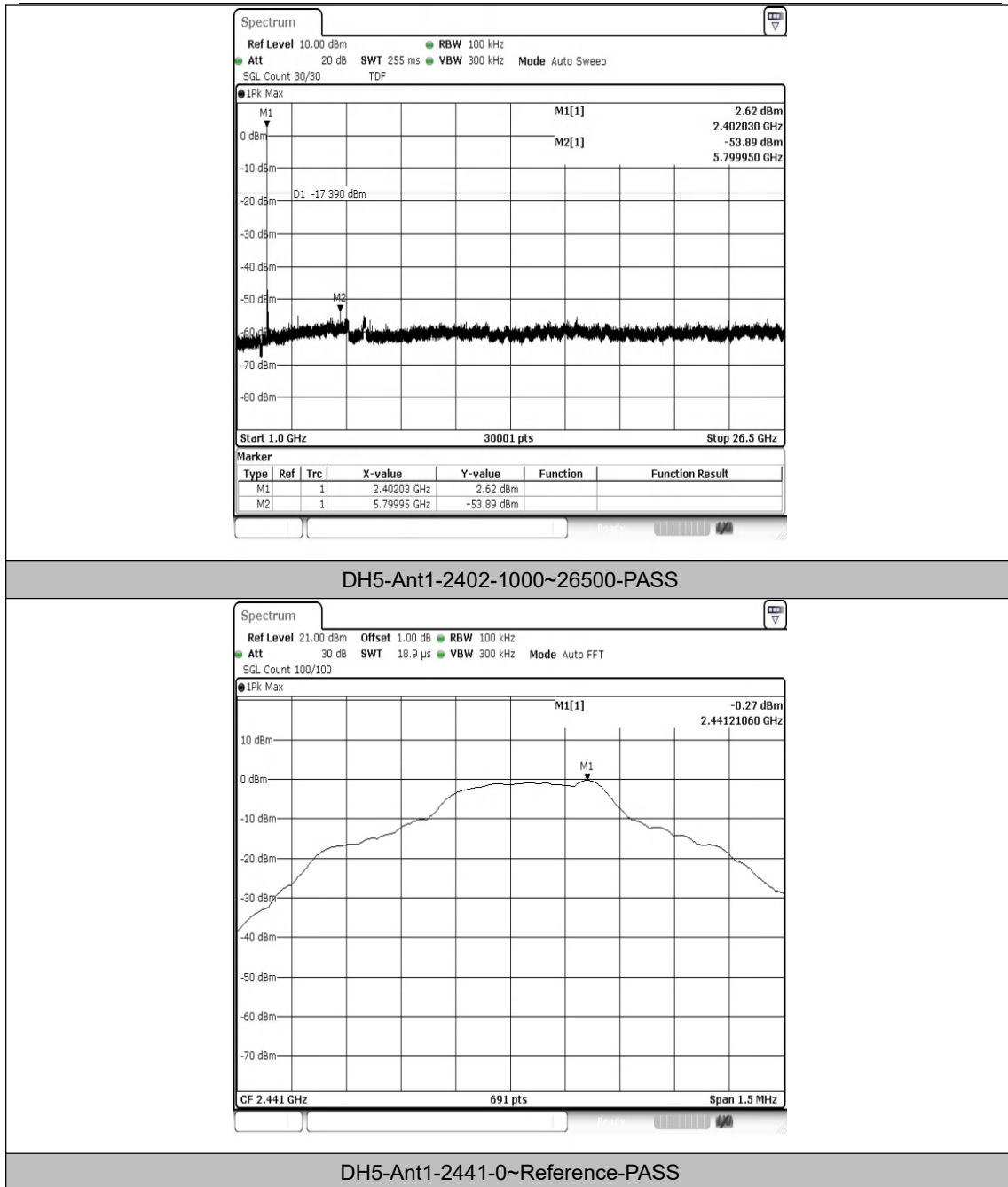
Test Graphs



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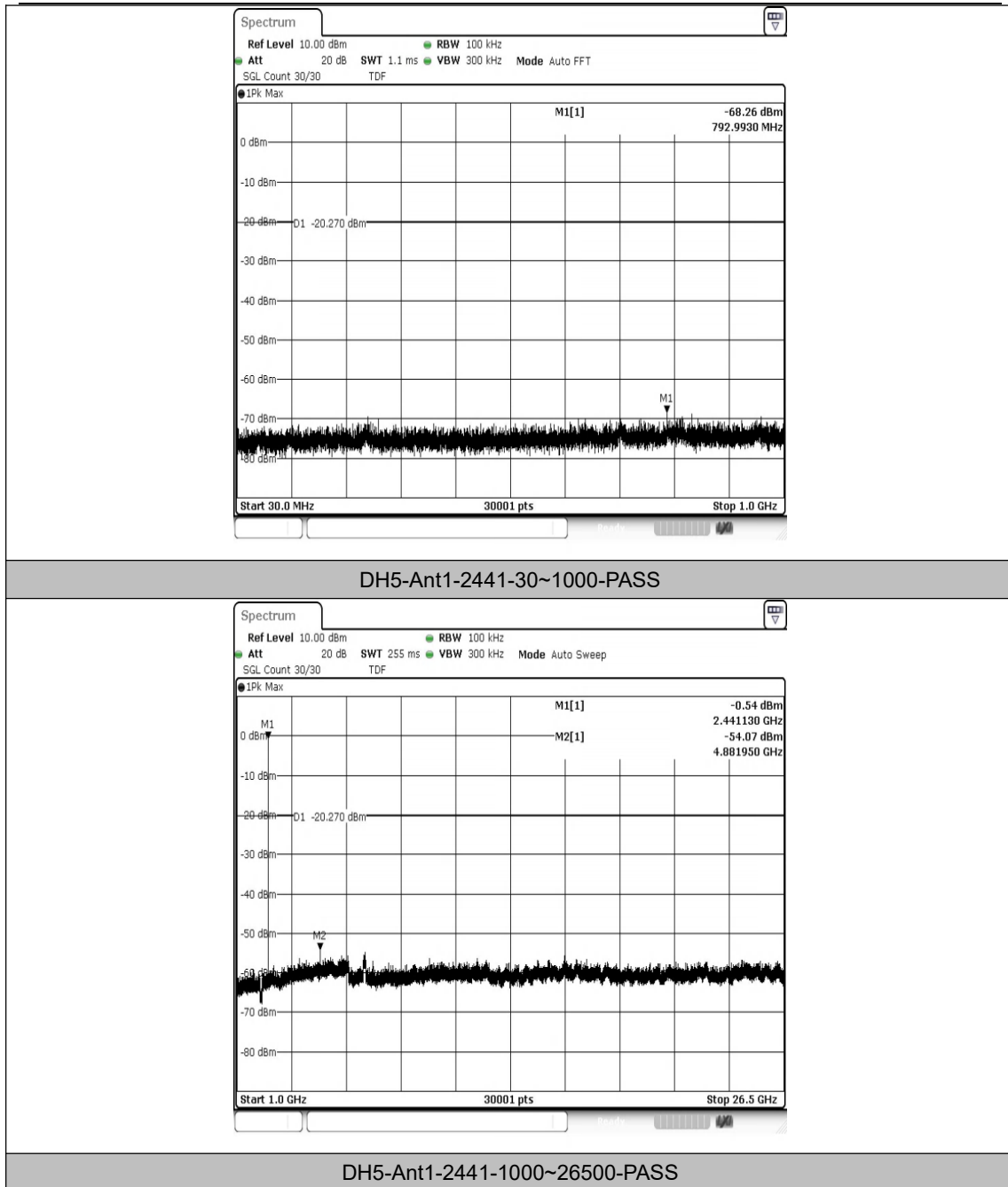
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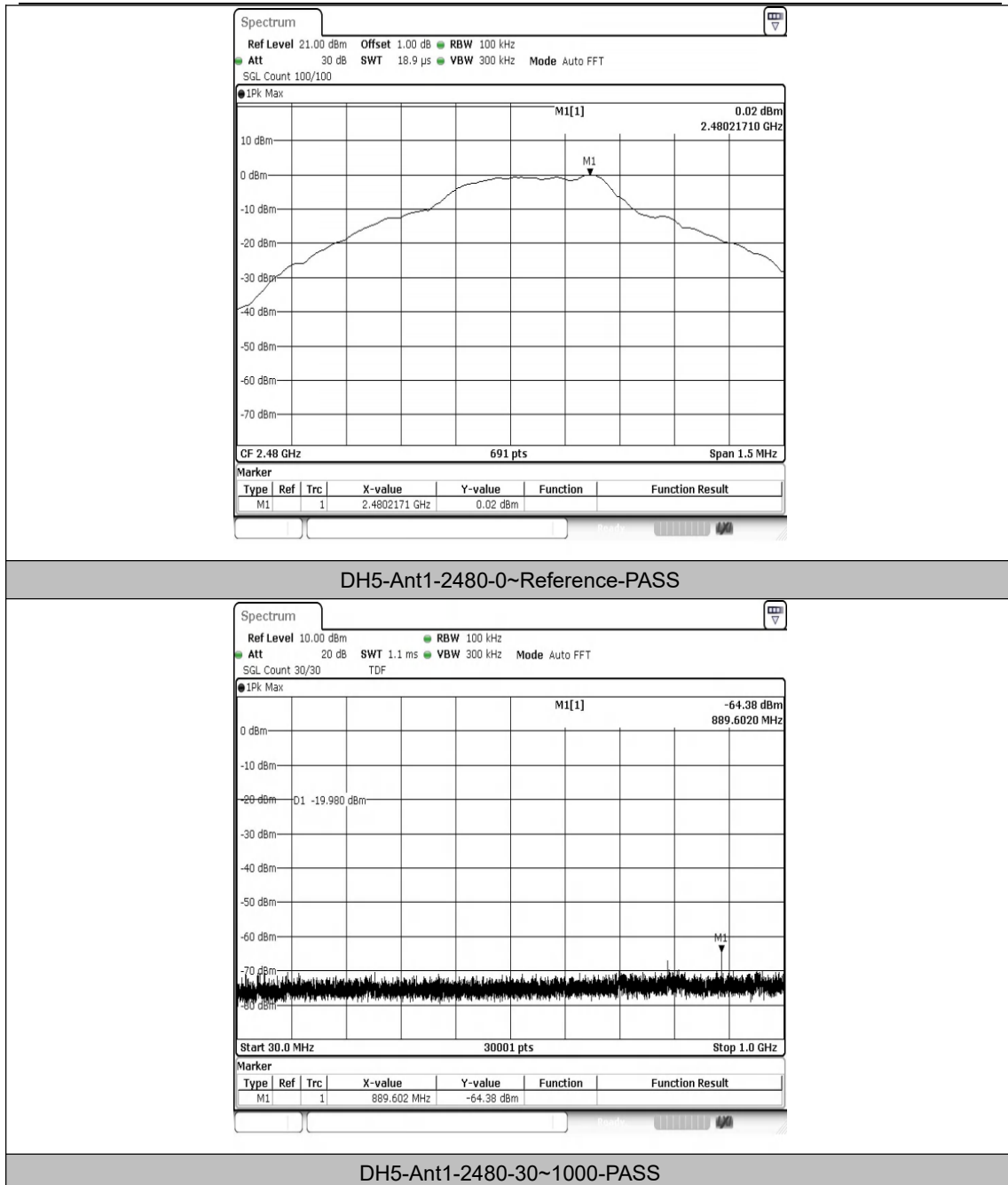
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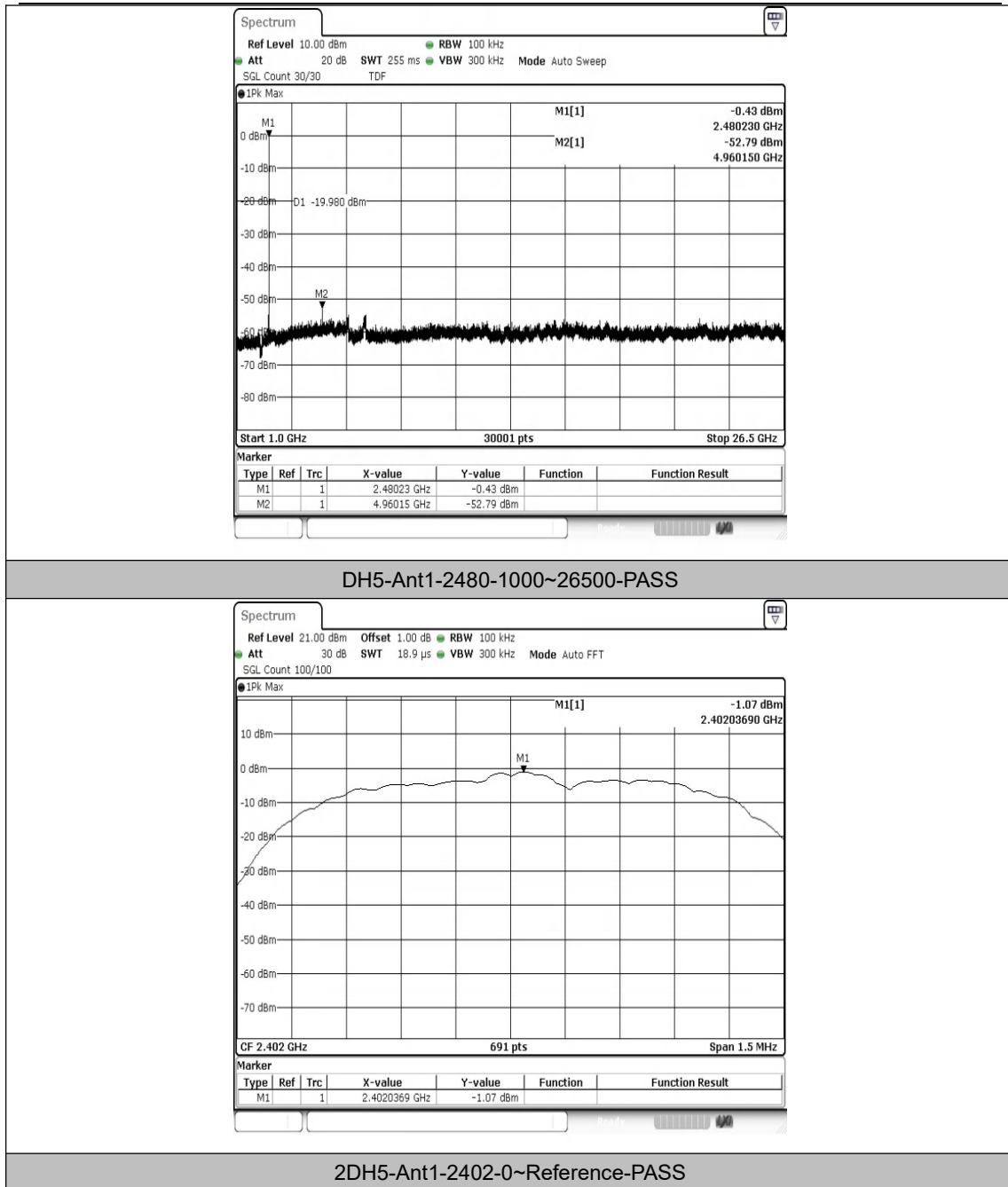


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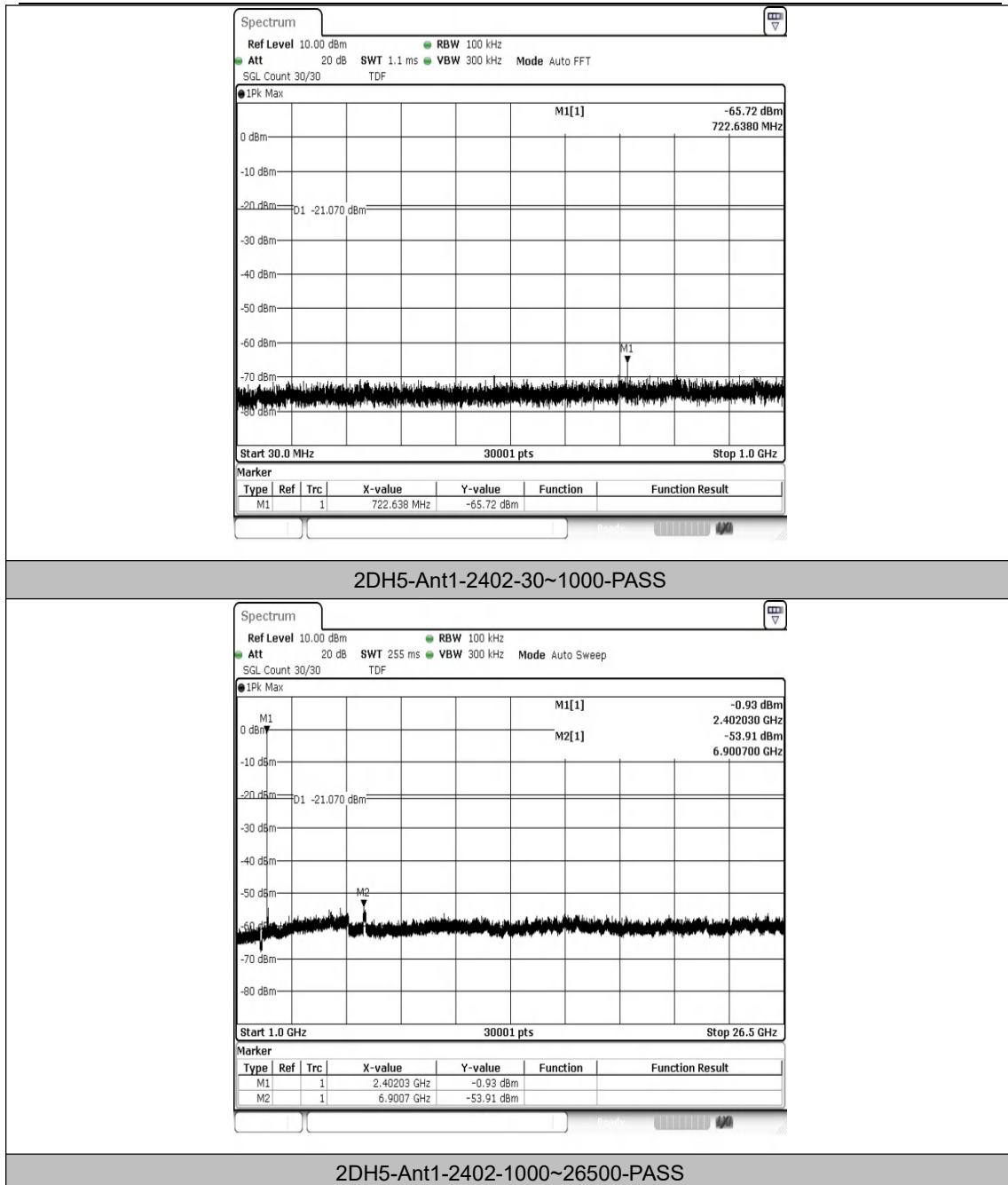




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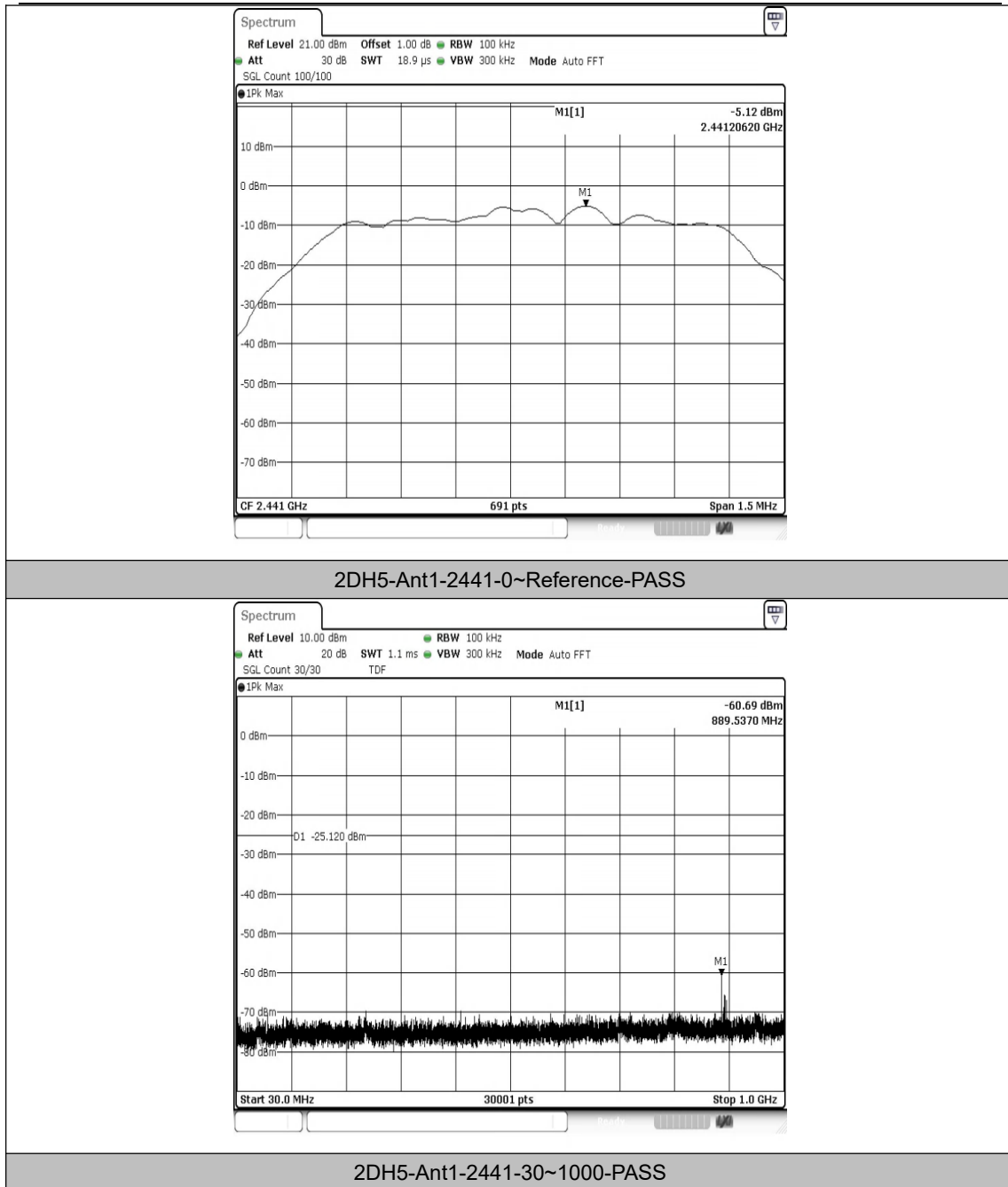
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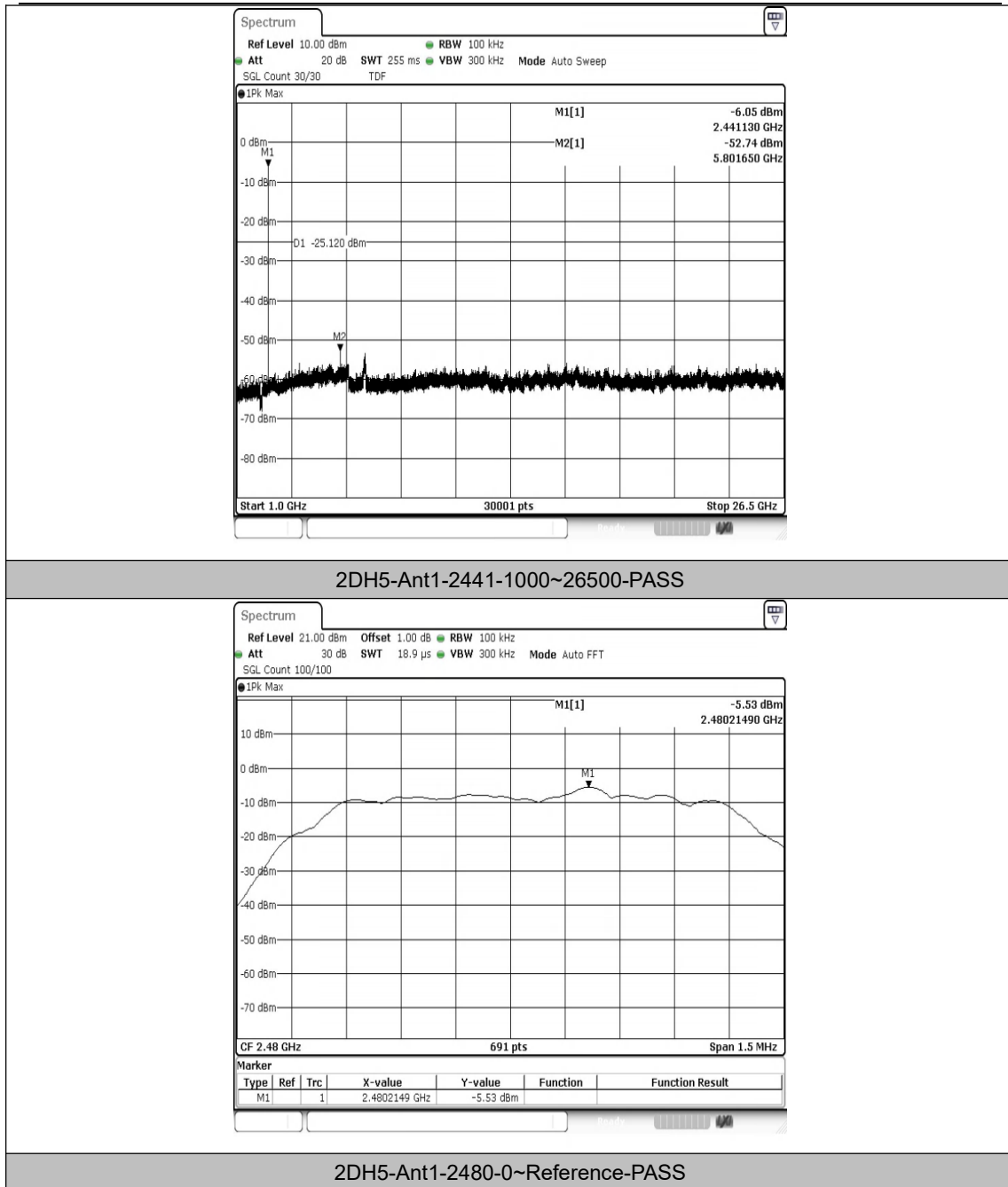
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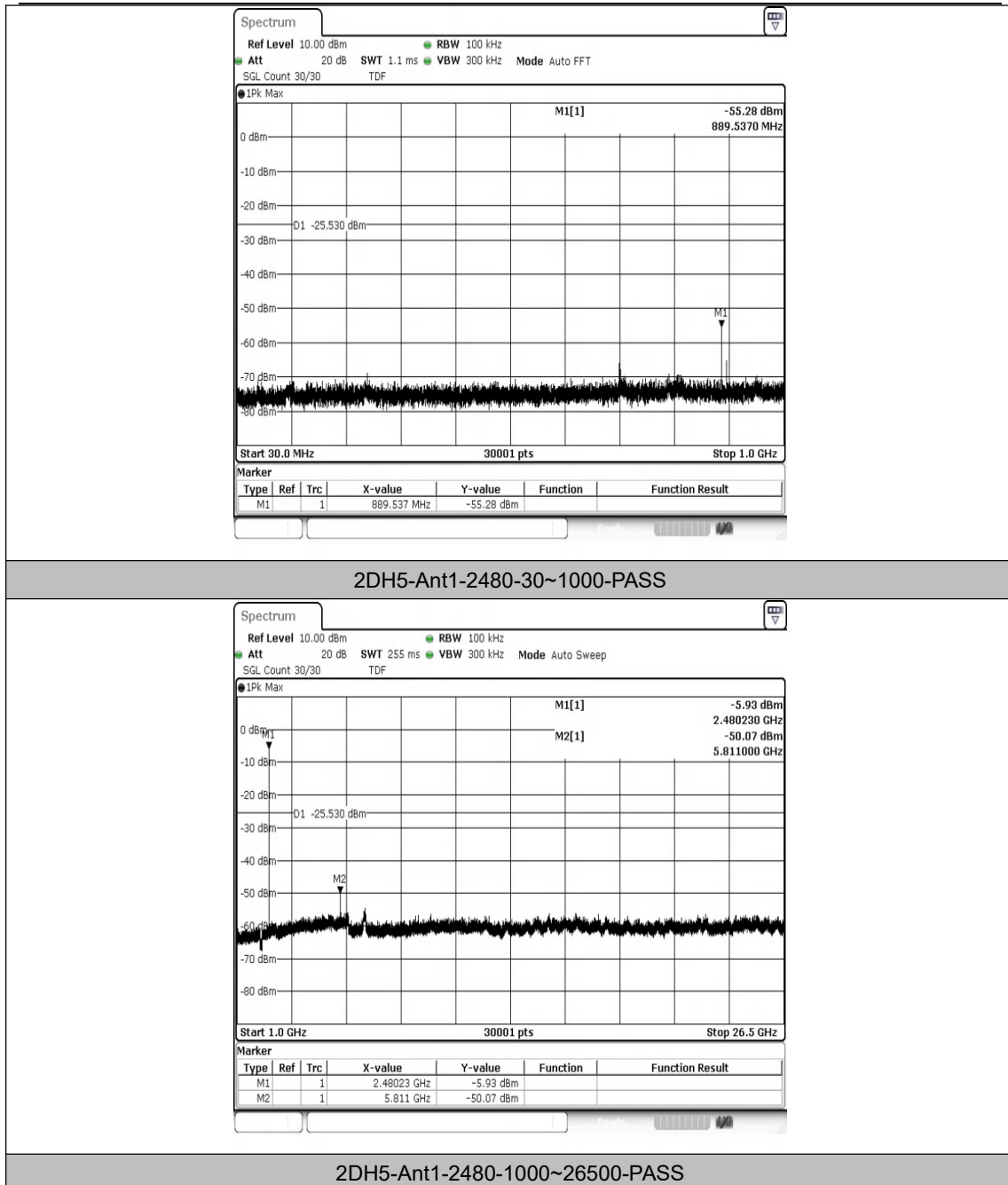
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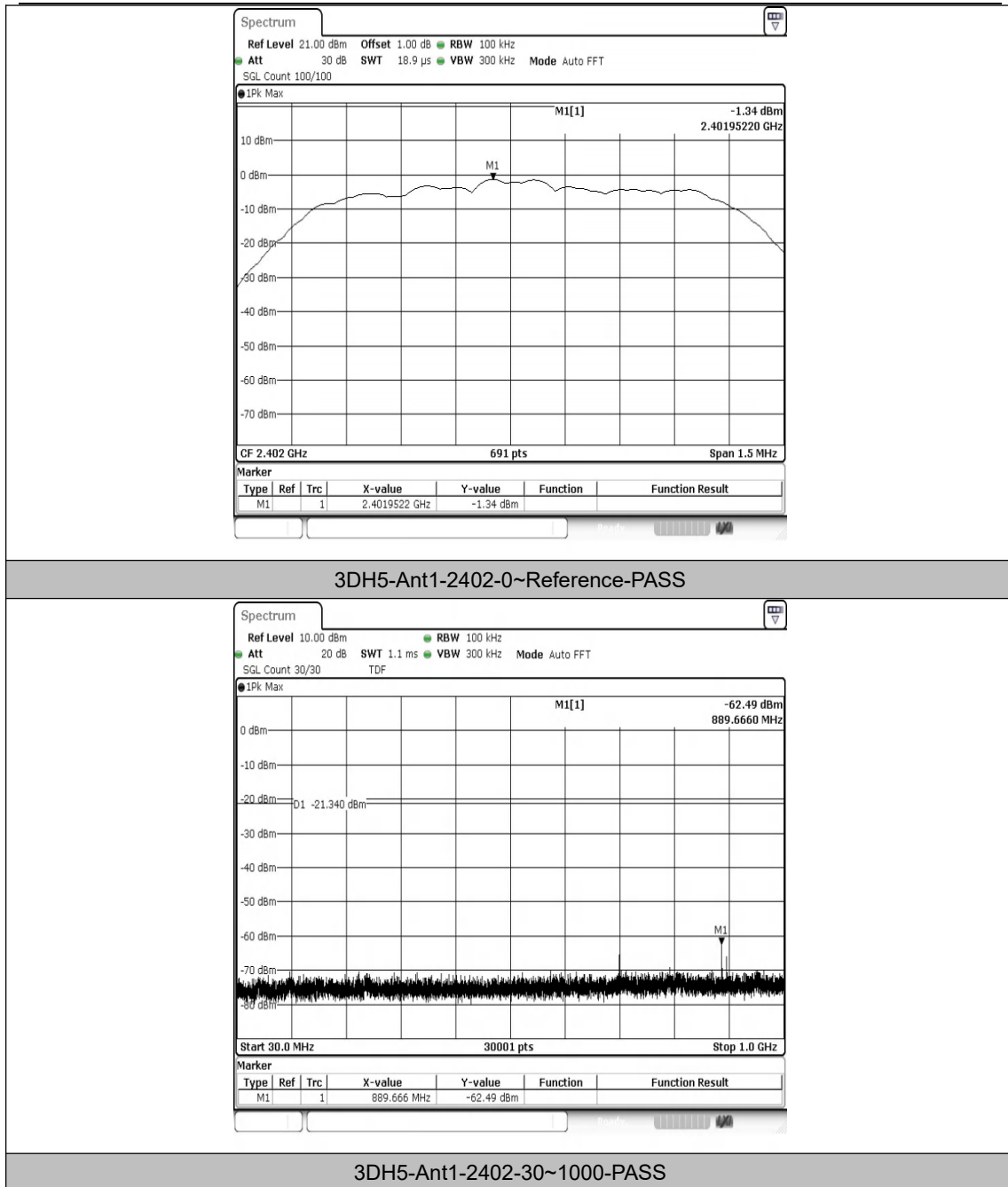
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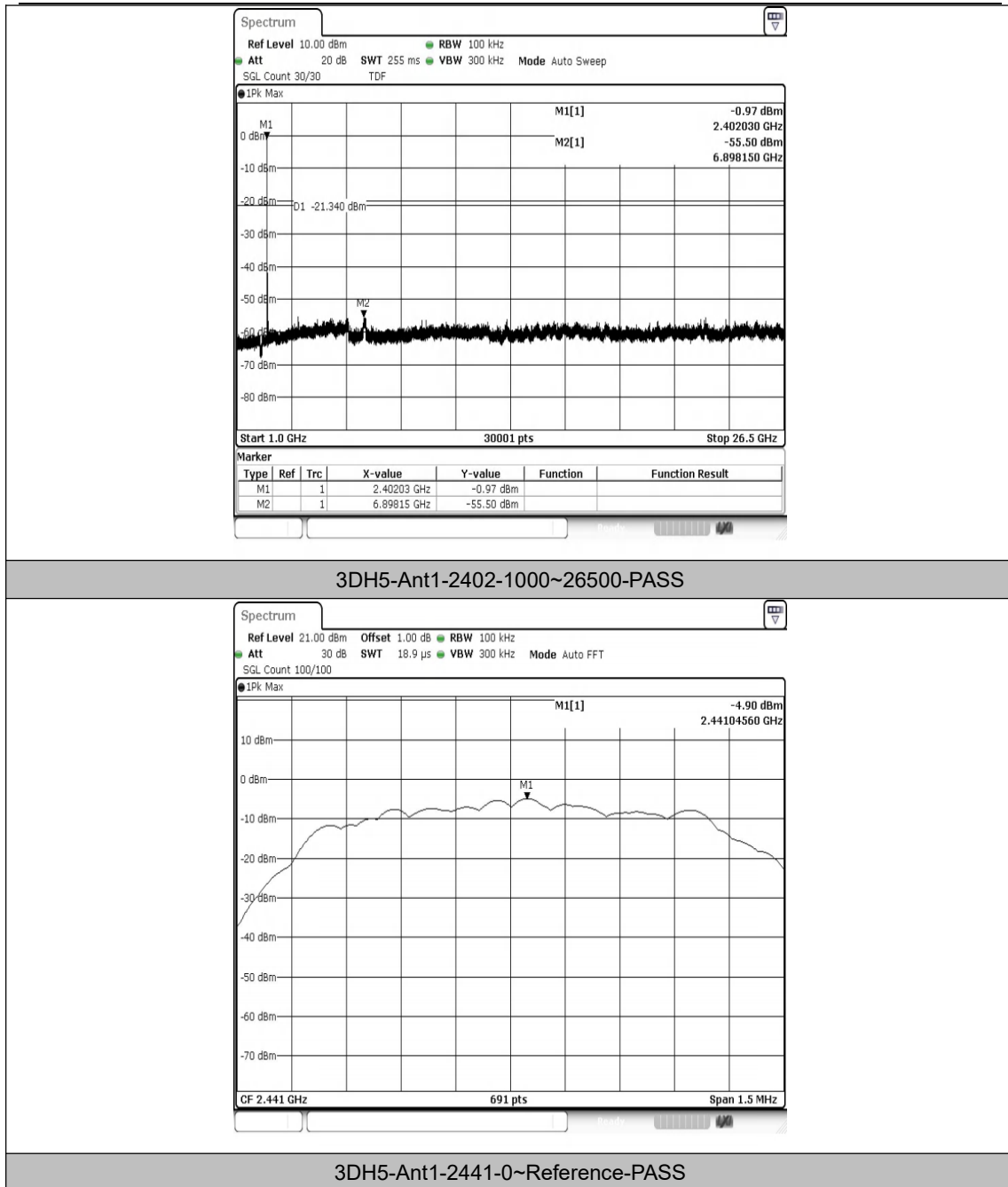
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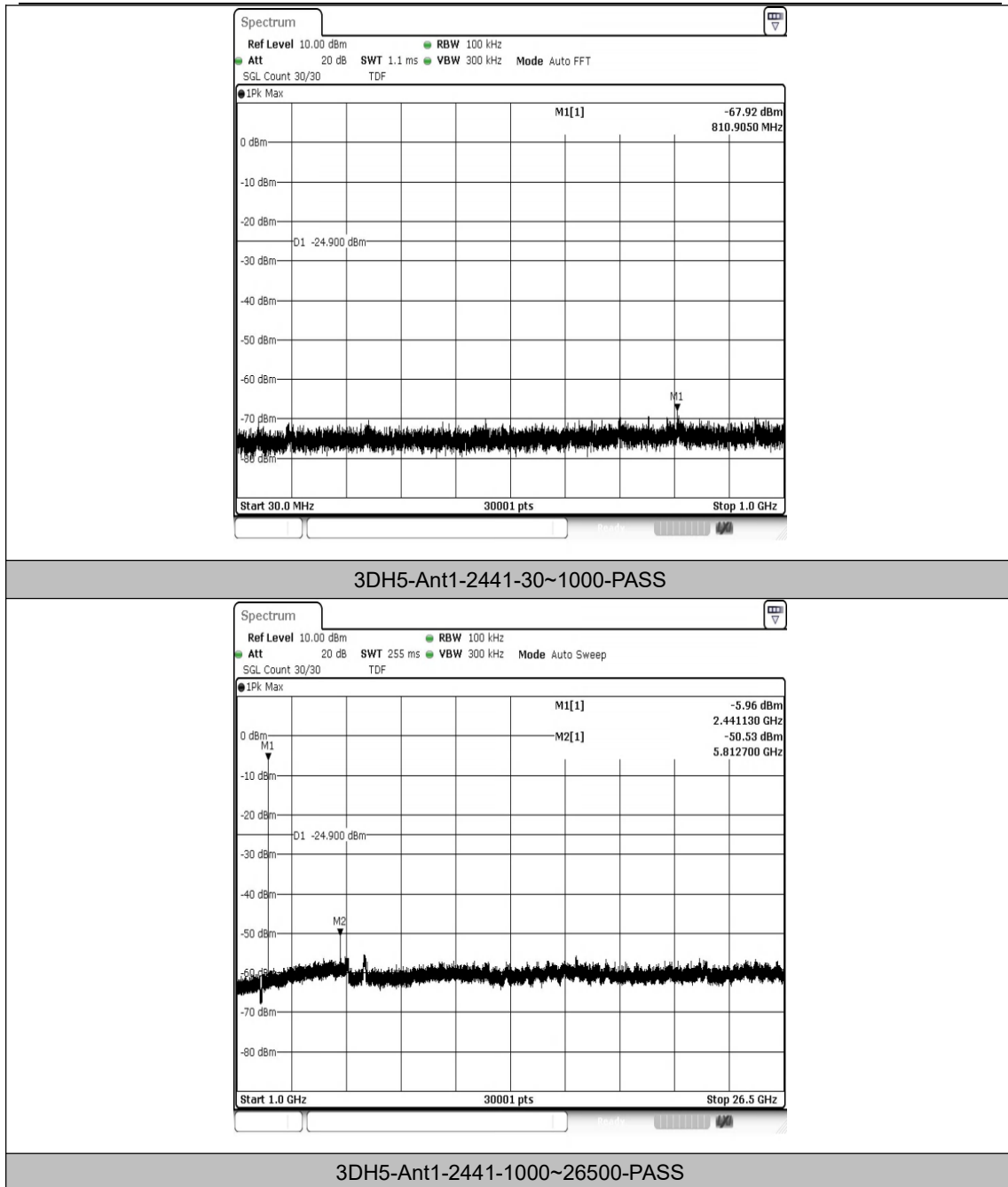
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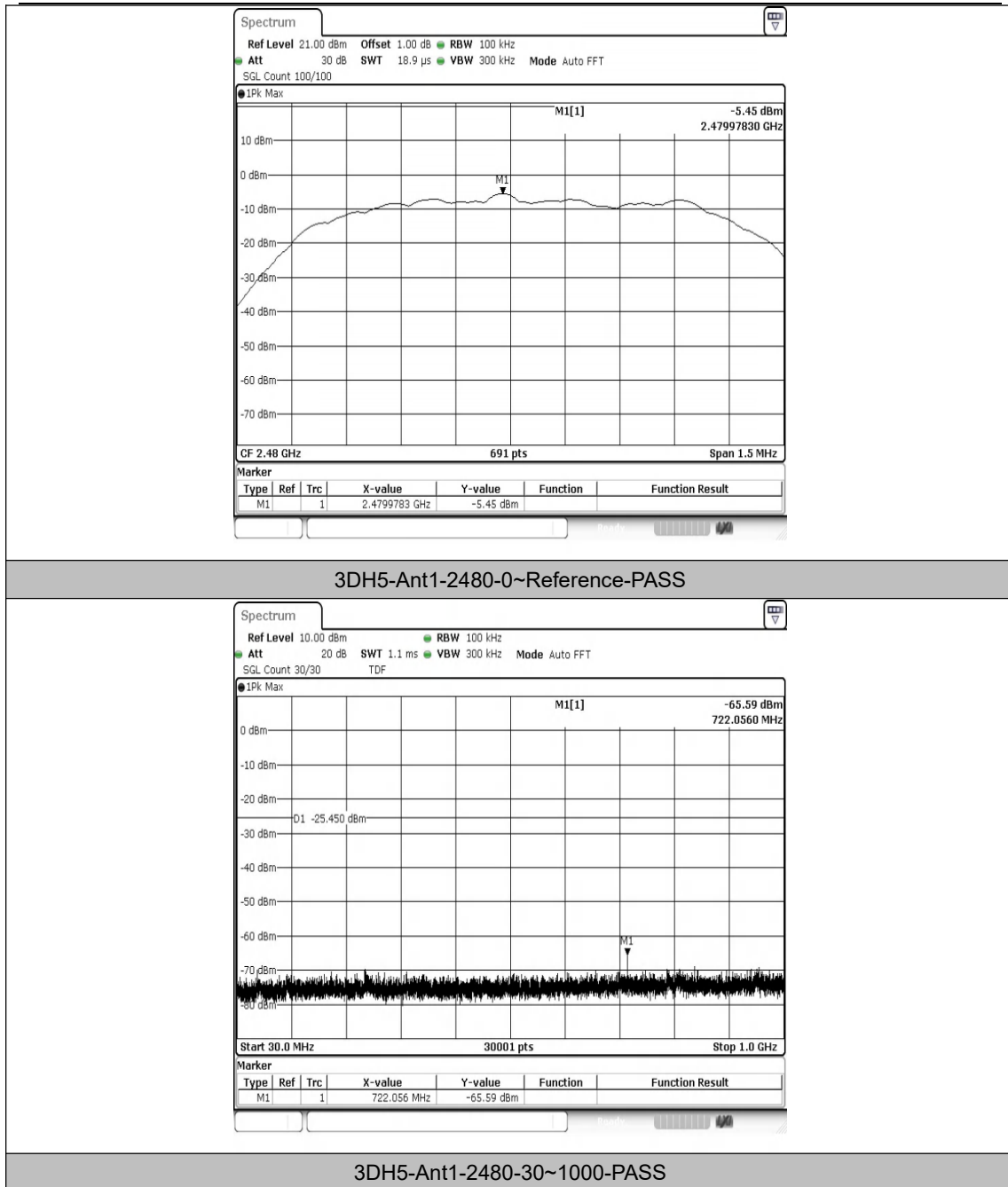
Hotline
400-003-0500
www.anbotek.com



Shenzhen Anbotek Compliance Laboratory Limited

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

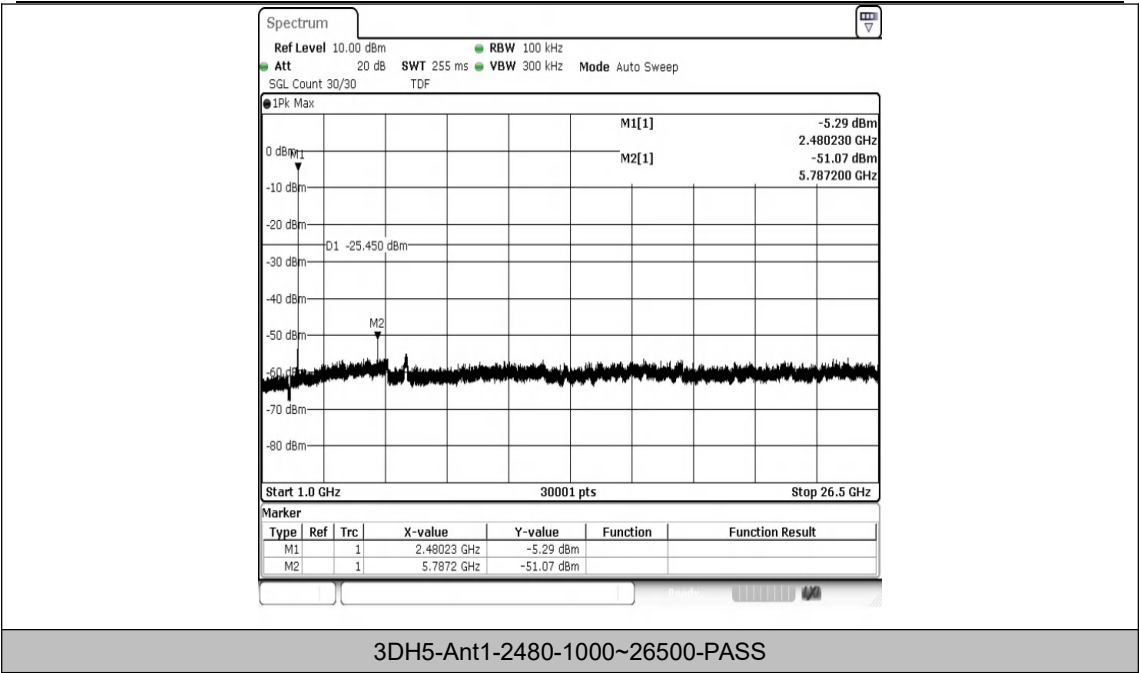
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Tel:(86)0755-26066440 Email:service@anbotek.com

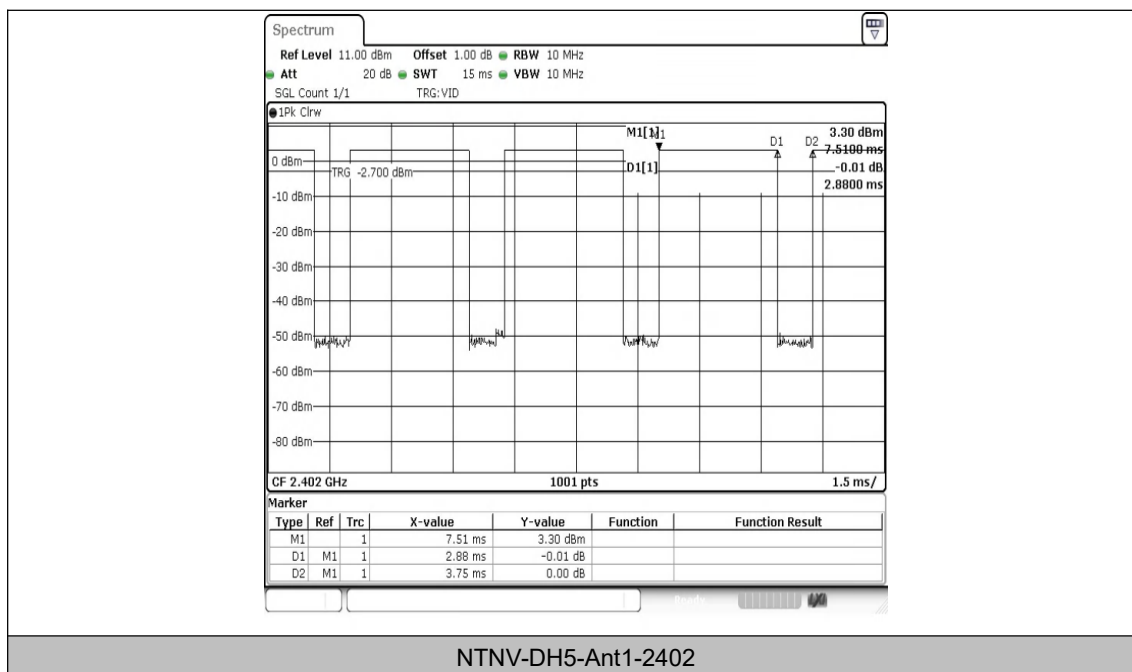
Hotline
400-003-0500
www.anbotek.com

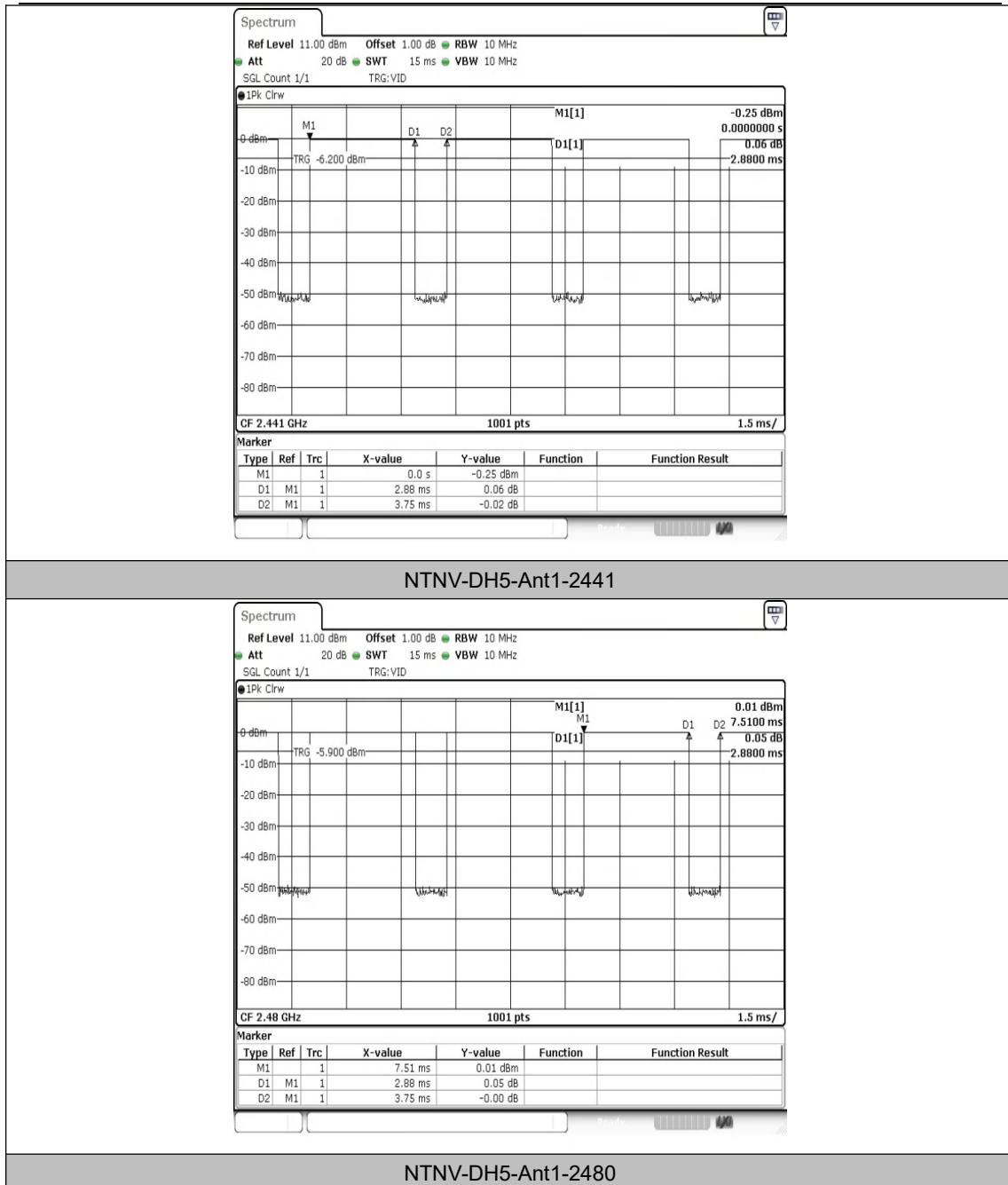
Appendix I: Duty Cycle

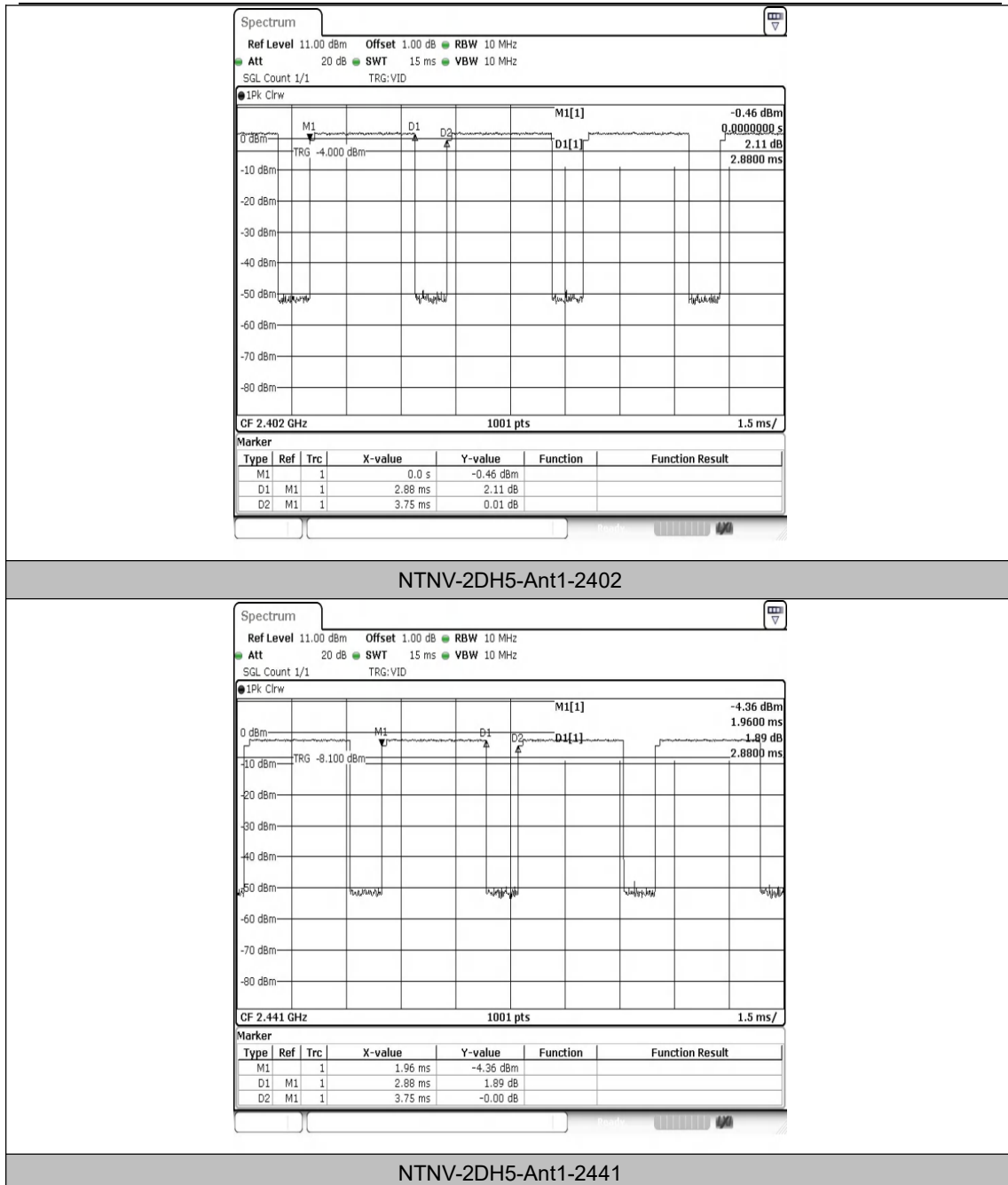
Test Result

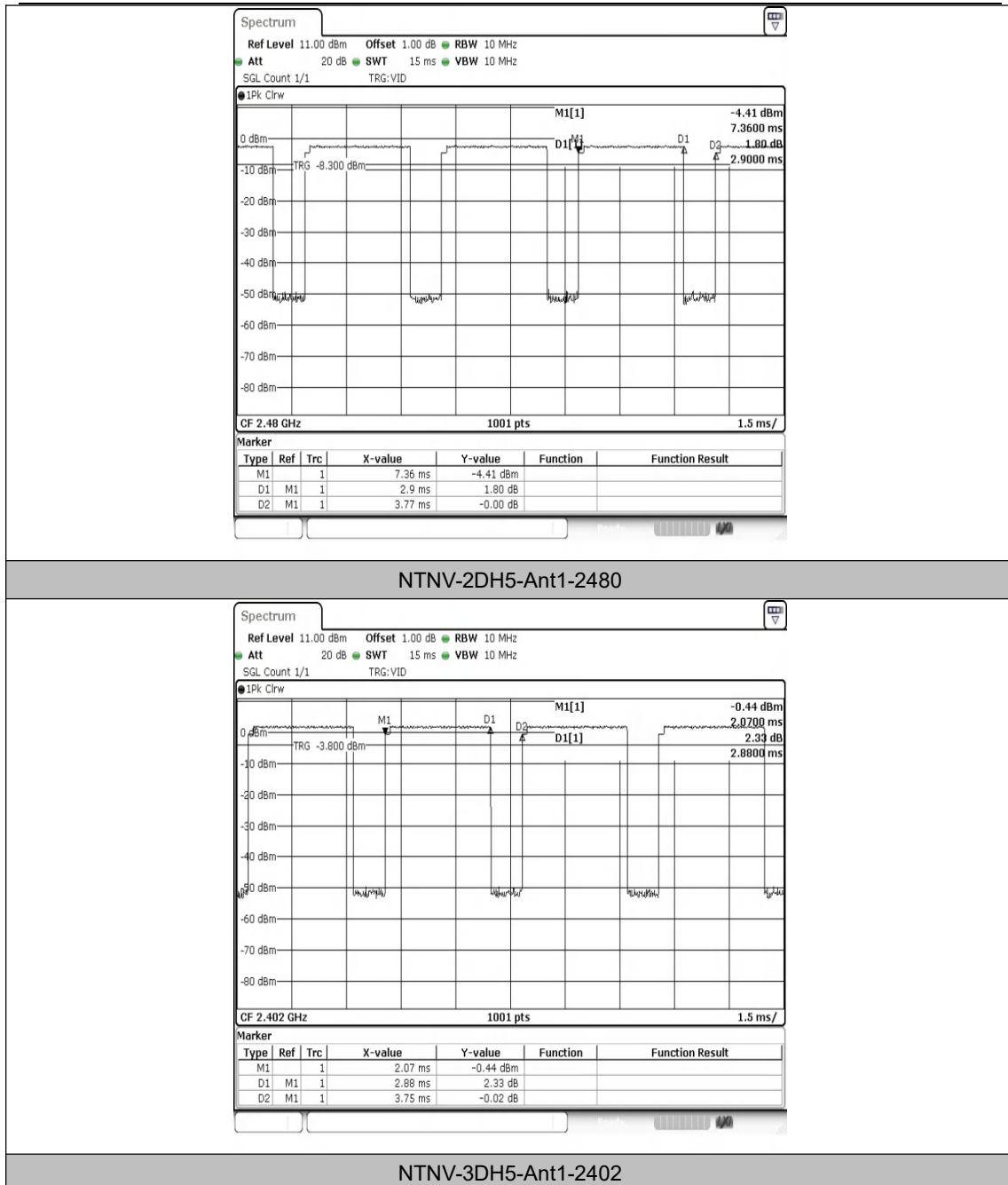
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.88	3.75	76.80	1.15
DH5	Ant1	2441	2.88	3.75	76.80	1.15
DH5	Ant1	2480	2.88	3.75	76.80	1.15
2DH5	Ant1	2402	2.88	3.75	76.80	1.15
2DH5	Ant1	2441	2.88	3.75	76.80	1.15
2DH5	Ant1	2480	2.90	3.77	76.92	1.14
3DH5	Ant1	2402	2.88	3.75	76.80	1.15
3DH5	Ant1	2441	2.88	3.75	76.80	1.15
3DH5	Ant1	2480	2.90	3.77	76.92	1.14

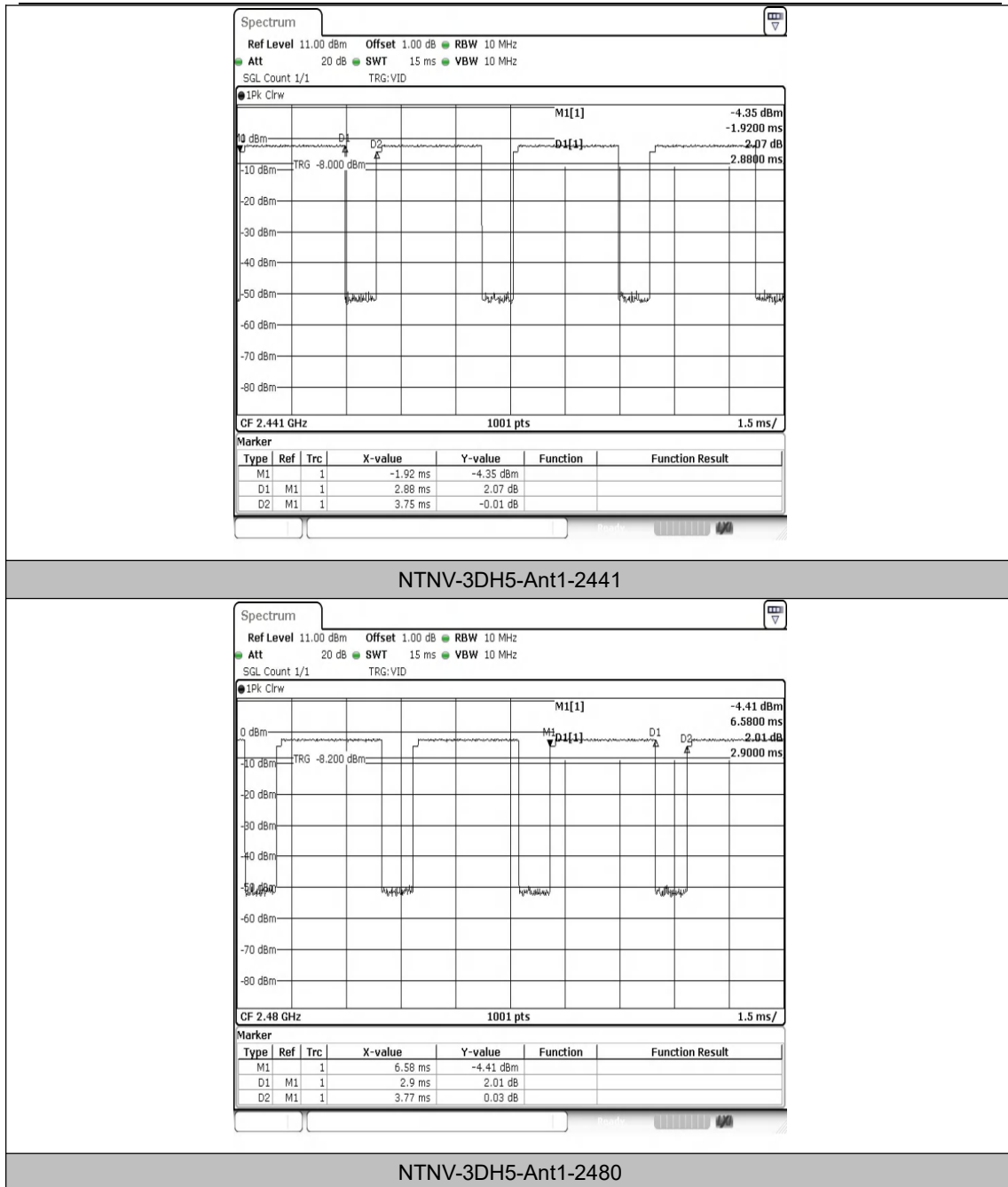
Test Graphs











---End---