

Appendix Test Data

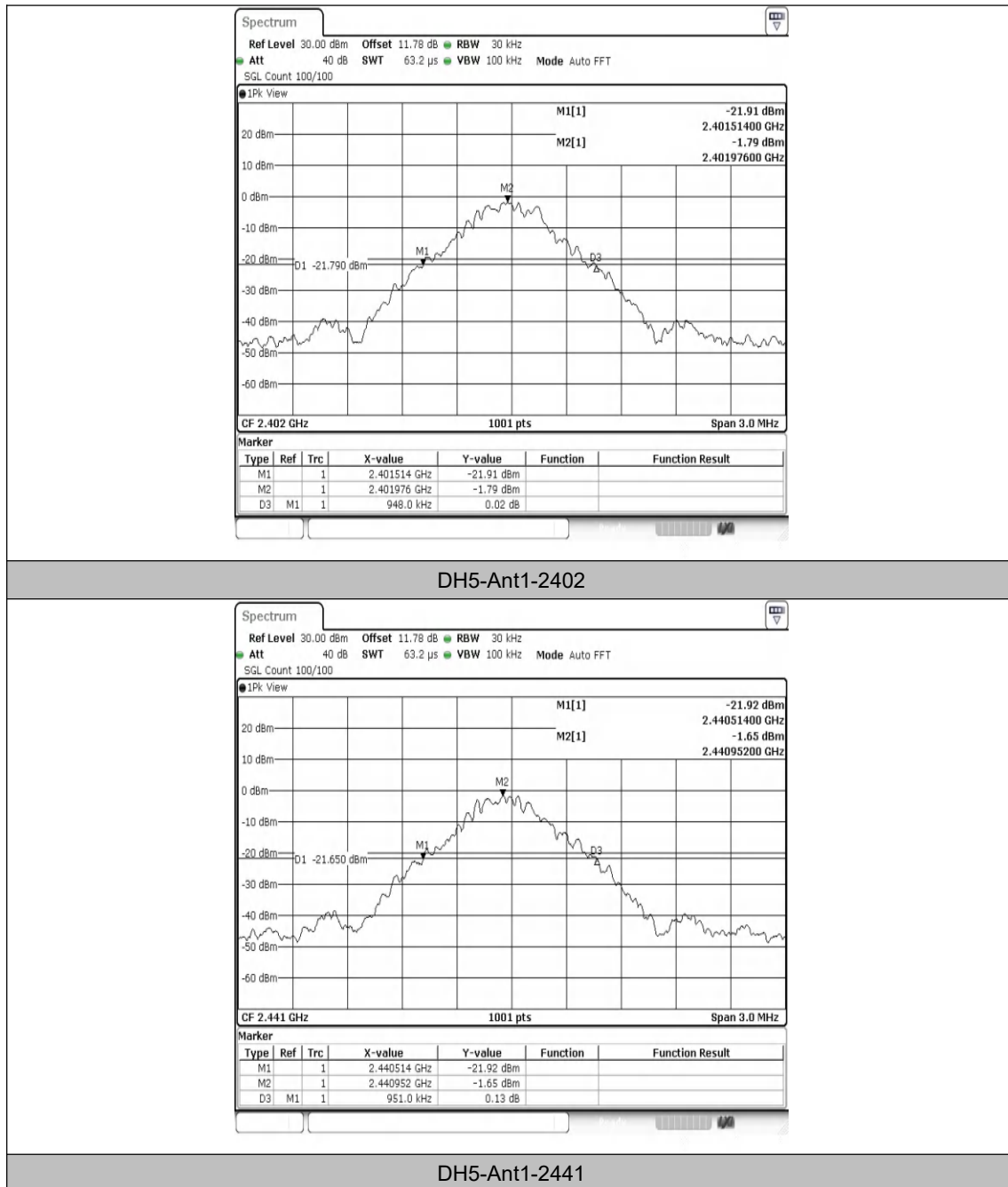
Report No.:	1813C50066112501	Test Sample No.:	1-2-2
Start Test Date:	2025.2.27	Finish Test Date:	2025.3.3
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	23.2°C	Relative Humidity:	49%
Pressure:	101kPa		

Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.95	2401.51	2402.46	---	---
DH5	Ant1	2441	0.95	2440.51	2441.47	---	---
DH5	Ant1	2480	0.96	2479.51	2480.47	---	---
2DH5	Ant1	2402	1.36	2401.30	2402.67	---	---
2DH5	Ant1	2441	1.29	2440.34	2441.64	---	---
2DH5	Ant1	2480	1.29	2479.34	2480.63	---	---
3DH5	Ant1	2402	1.27	2401.33	2402.60	---	---
3DH5	Ant1	2441	1.30	2440.33	2441.63	---	---
3DH5	Ant1	2480	1.28	2479.35	2480.63	---	---

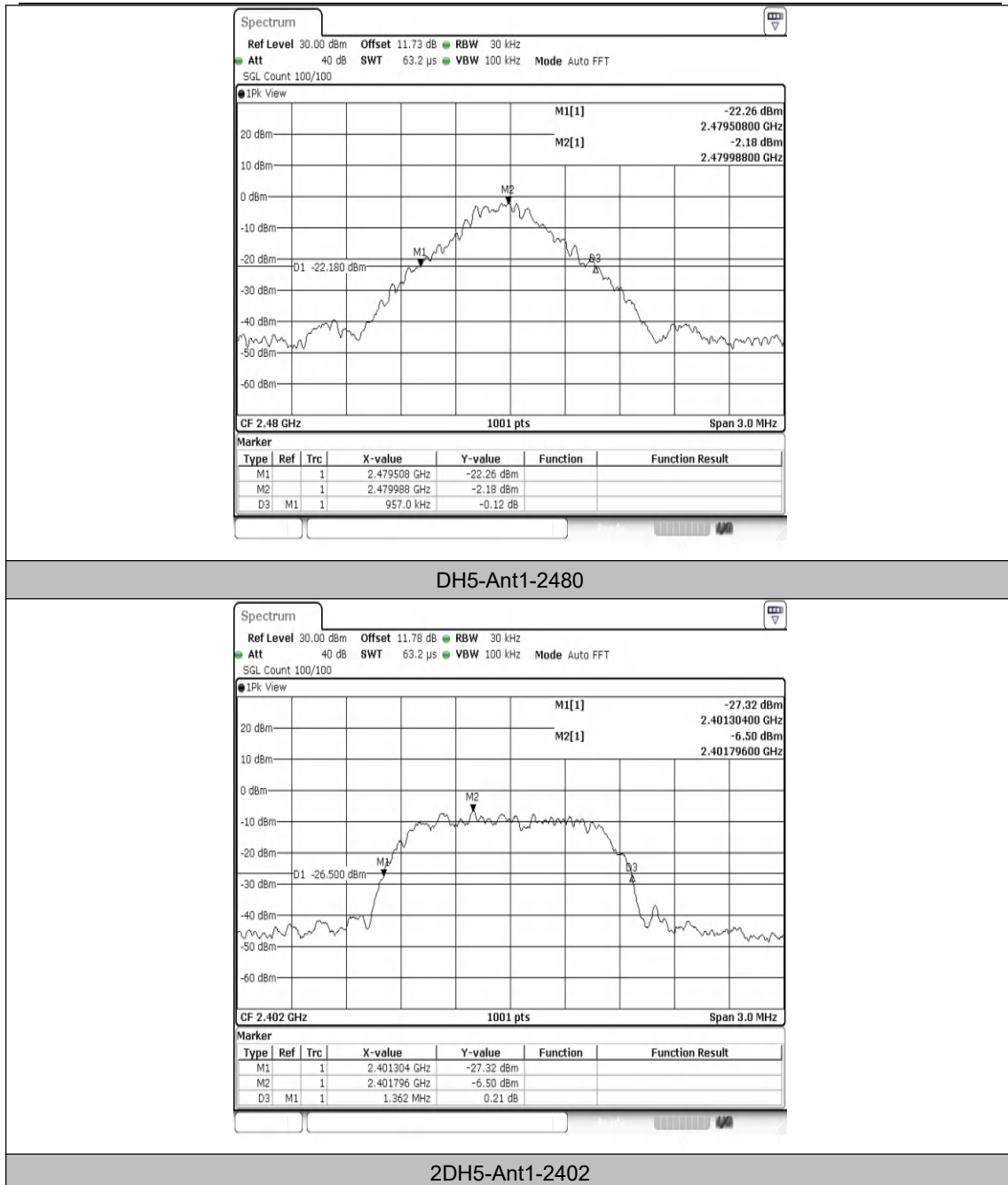
Test Graphs



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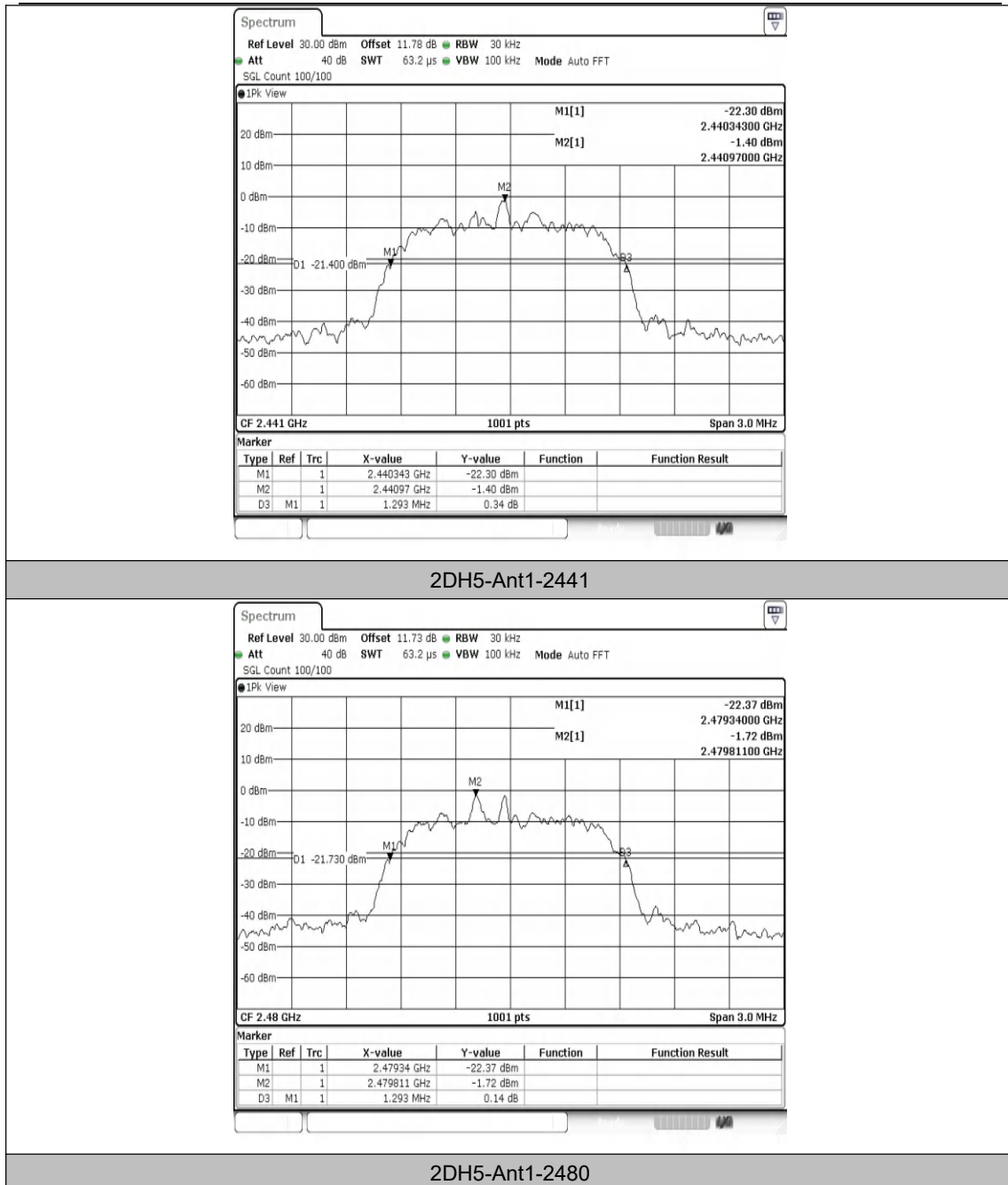
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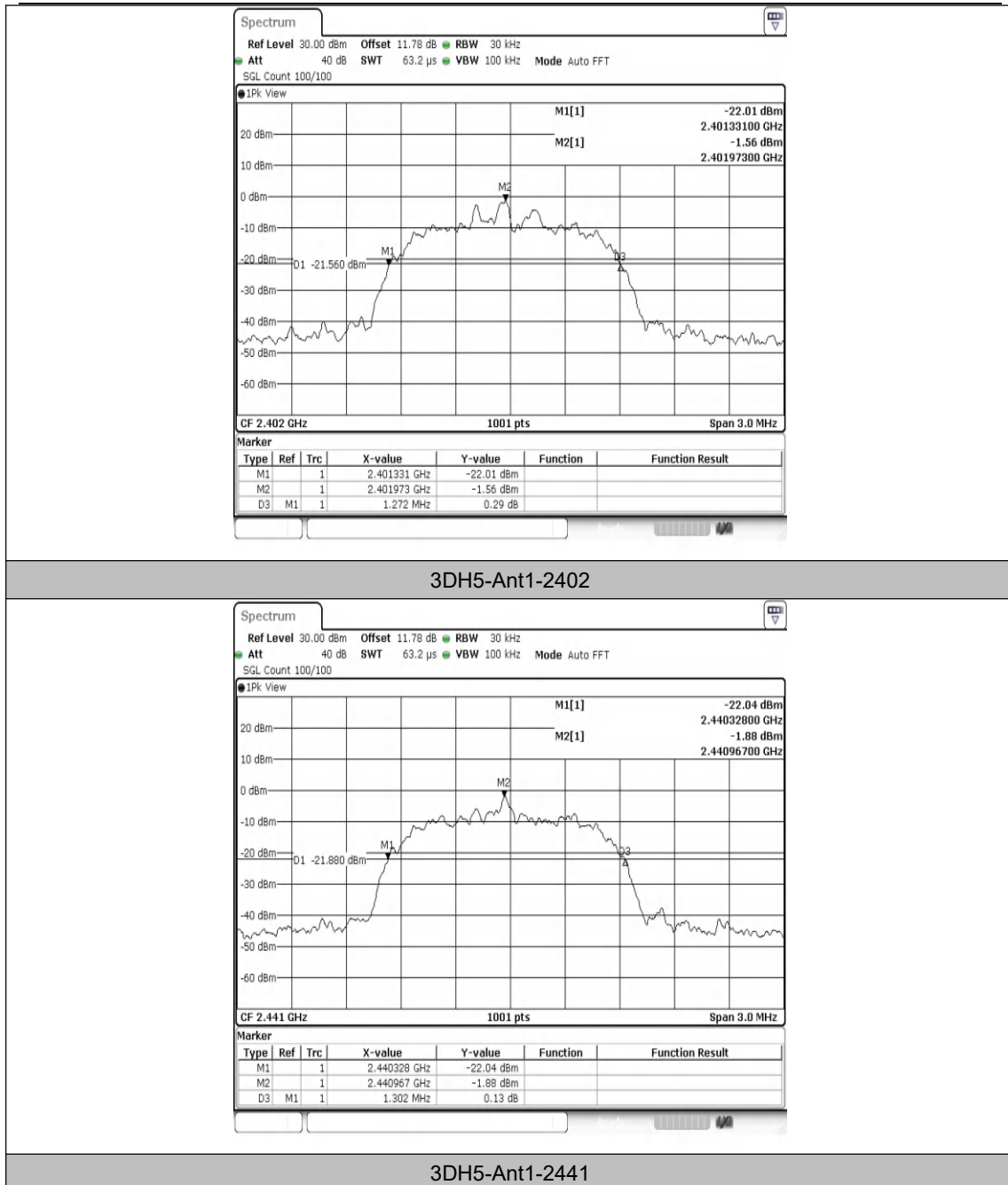
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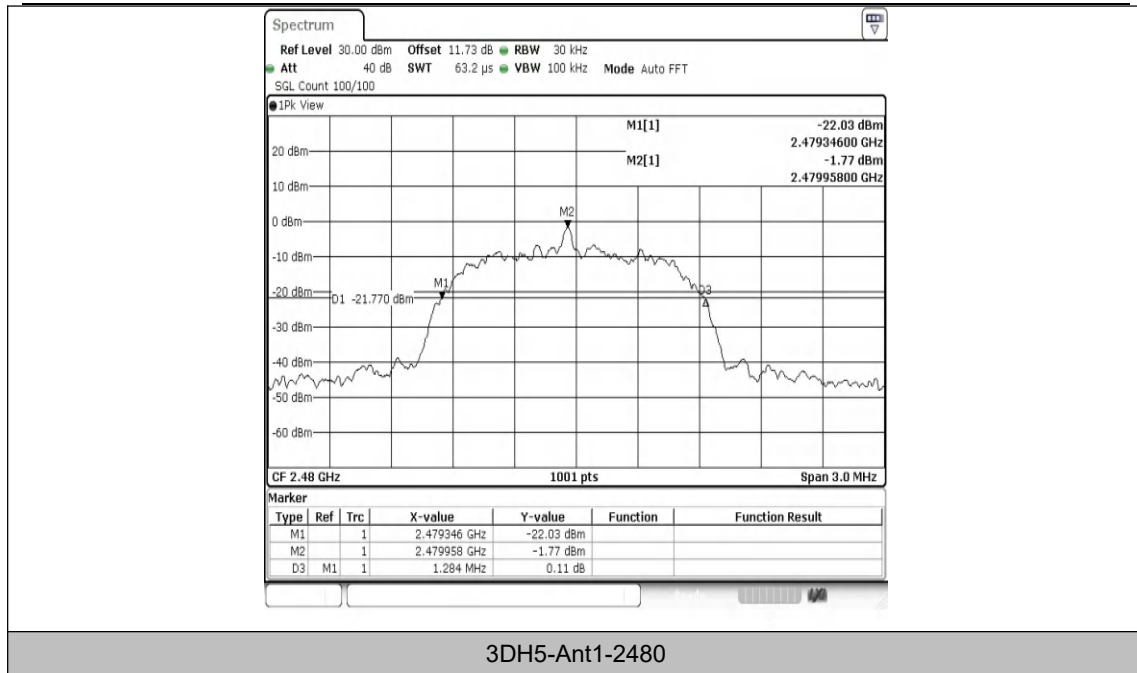
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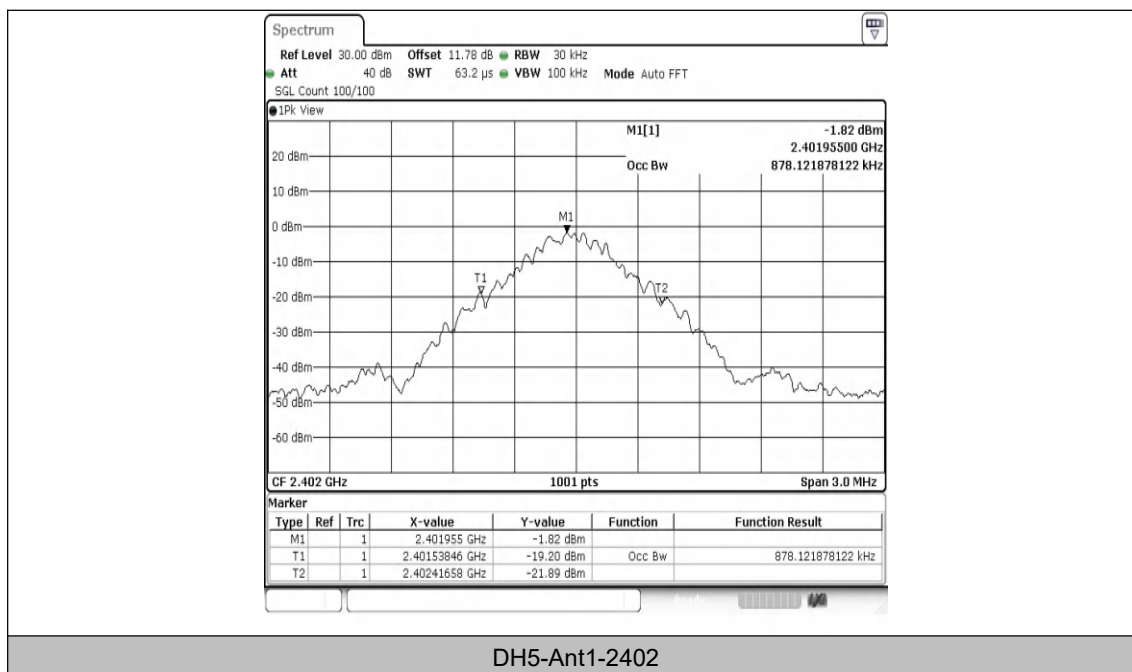
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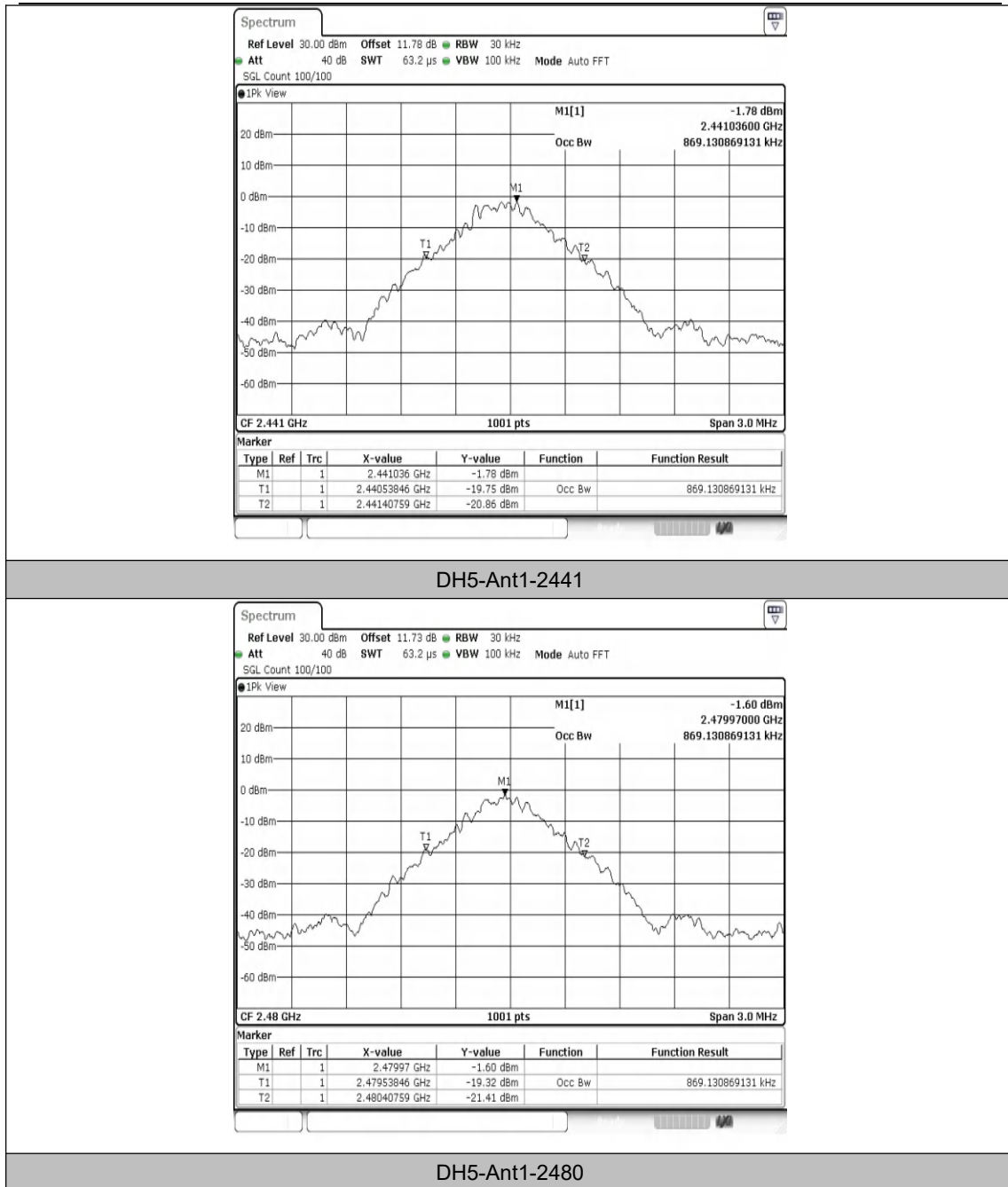
Appendix B: 99% Occupied Bandwidth

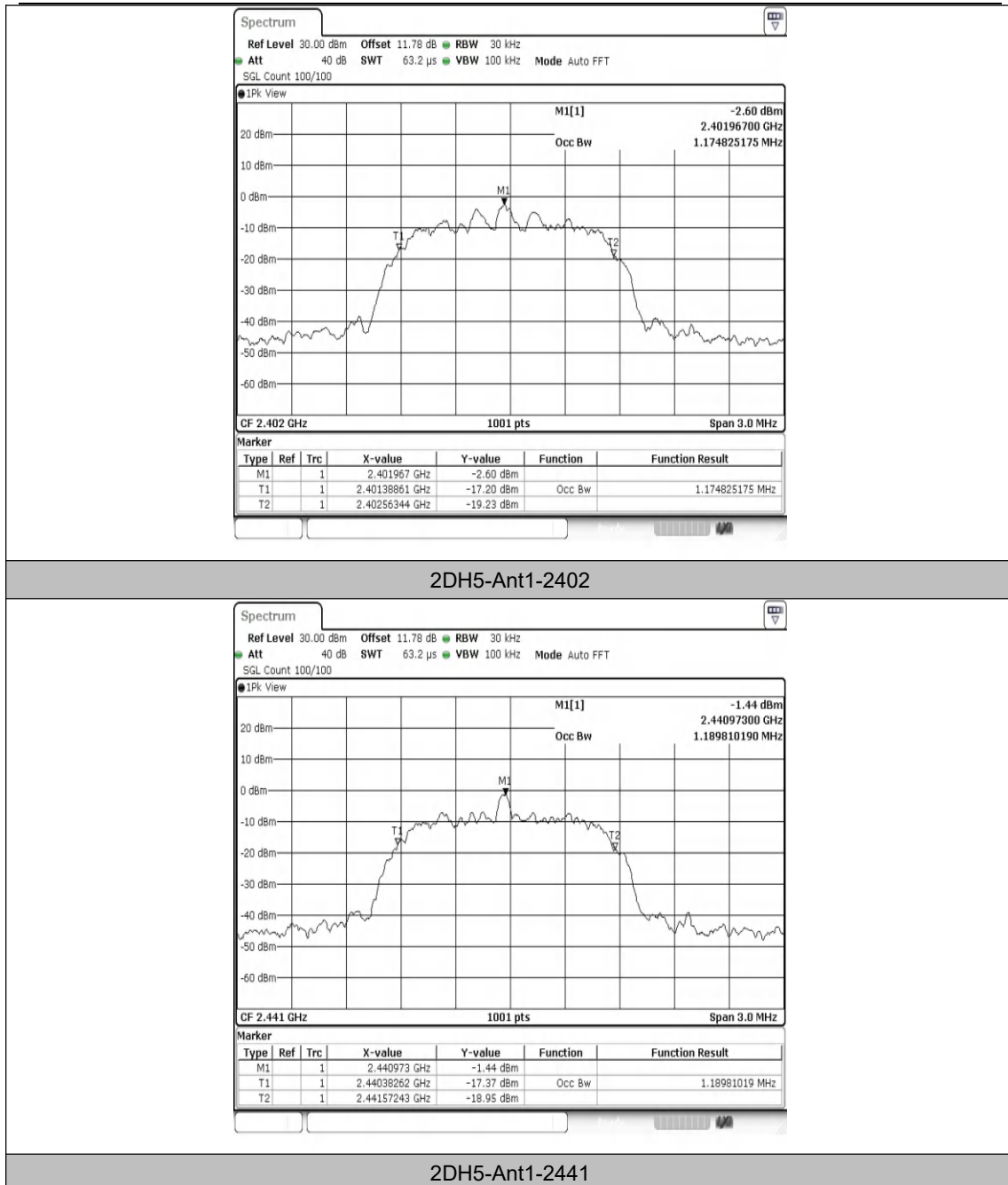
Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.878	2401.5385	2402.4166	---	---
DH5	Ant1	2441	0.869	2440.5385	2441.4076	---	---
DH5	Ant1	2480	0.869	2479.5385	2480.4076	---	---
2DH5	Ant1	2402	1.175	2401.3886	2402.5634	---	---
2DH5	Ant1	2441	1.19	2440.3826	2441.5724	---	---
2DH5	Ant1	2480	1.187	2479.3886	2480.5754	---	---
3DH5	Ant1	2402	1.187	2401.3856	2402.5724	---	---
3DH5	Ant1	2441	1.208	2440.3706	2441.5784	---	---
3DH5	Ant1	2480	1.187	2479.3826	2480.5694	---	---

Test Graphs



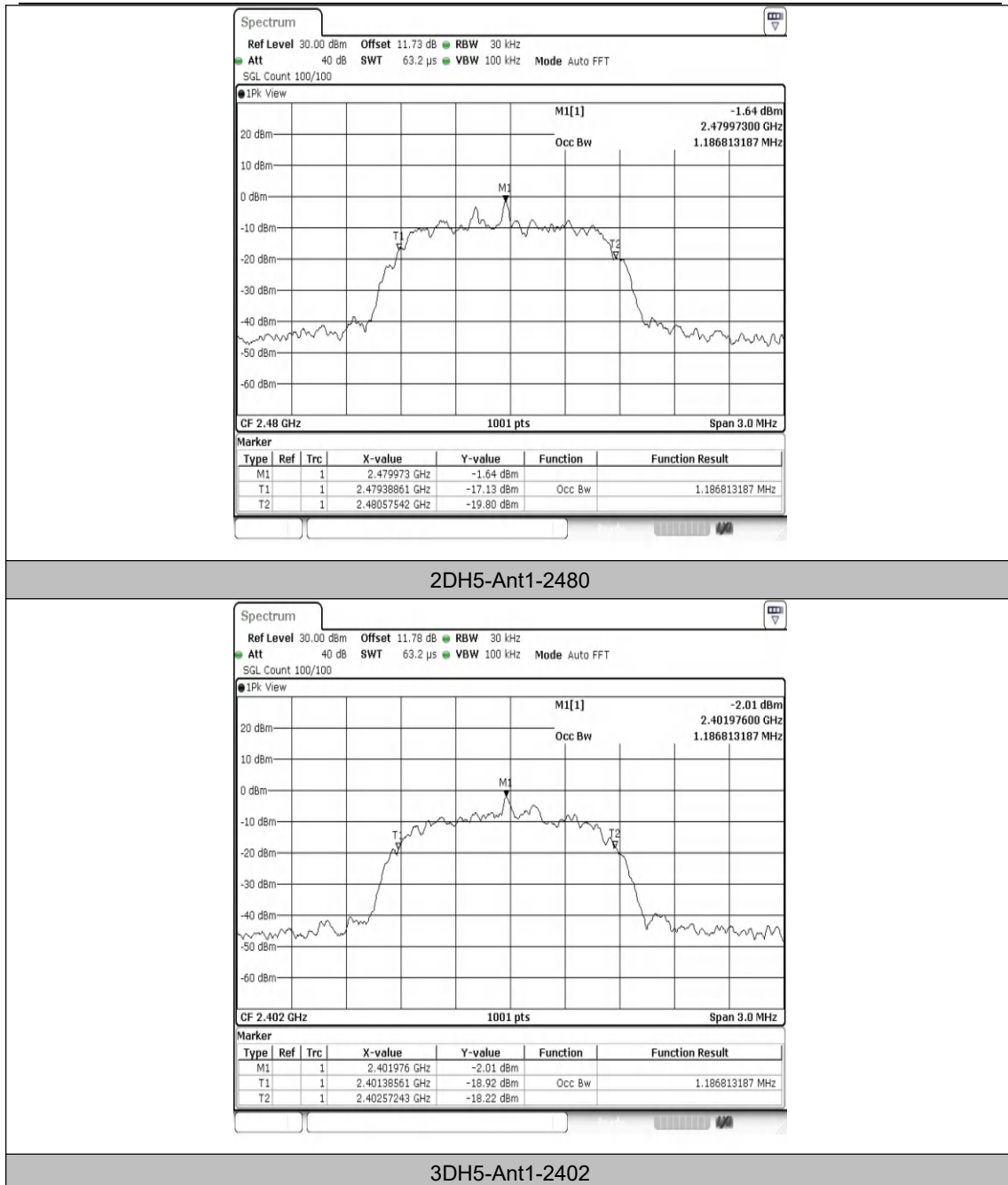




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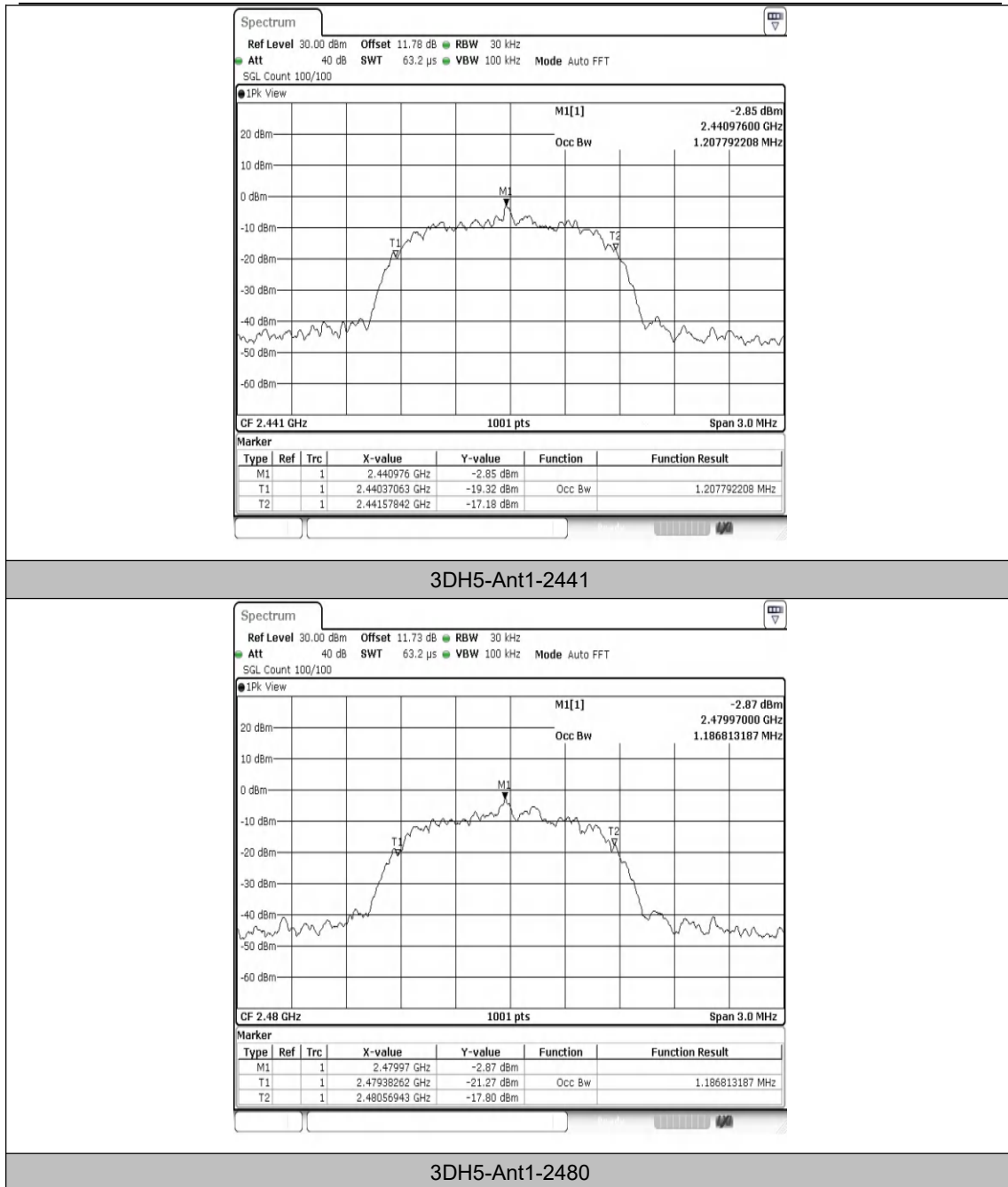
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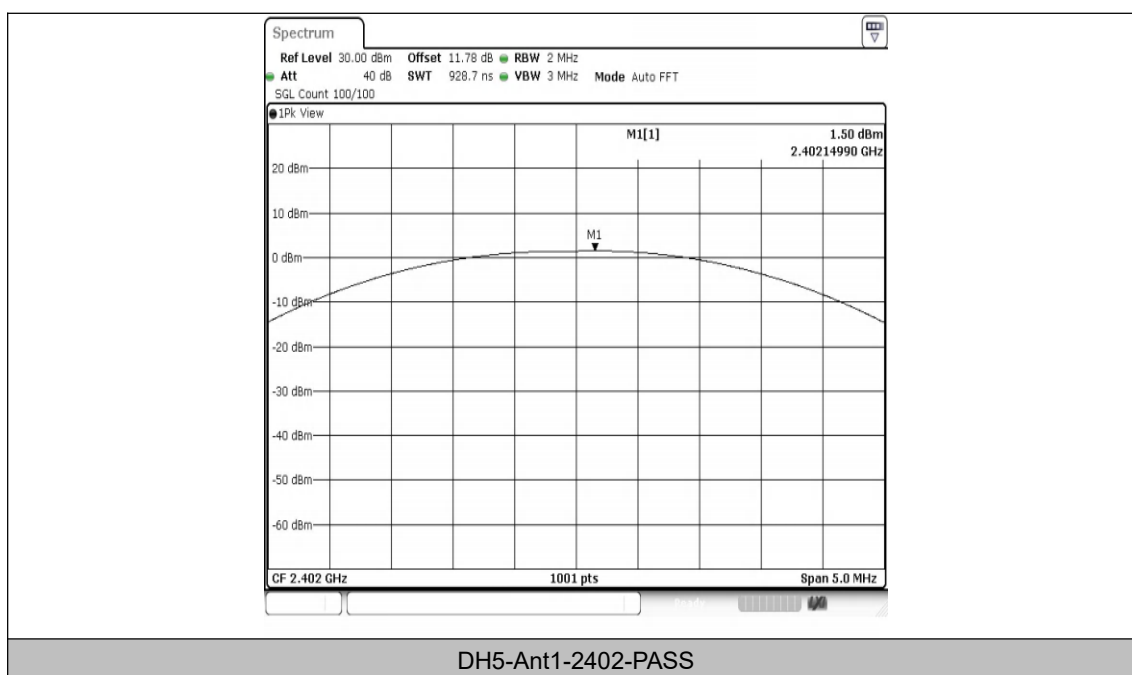


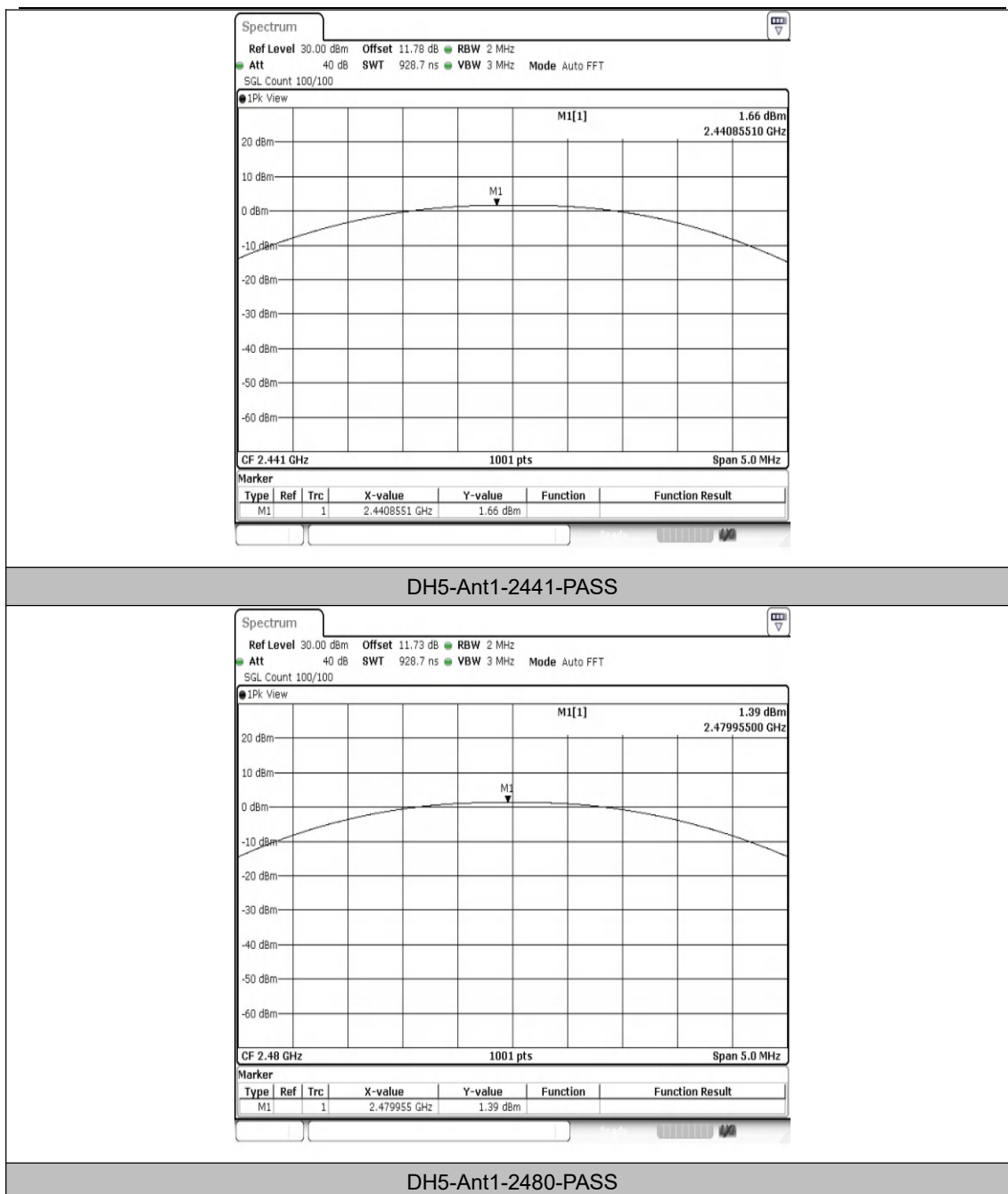
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	1.50	≤20.97	PASS
DH5	Ant1	2441	1.66	≤20.97	PASS
DH5	Ant1	2480	1.39	≤20.97	PASS
2DH5	Ant1	2402	1.93	≤20.97	PASS
2DH5	Ant1	2441	2.35	≤20.97	PASS
2DH5	Ant1	2480	1.74	≤20.97	PASS
3DH5	Ant1	2402	1.77	≤20.97	PASS
3DH5	Ant1	2441	2.00	≤20.97	PASS
3DH5	Ant1	2480	2.30	≤20.97	PASS

Test Graphs

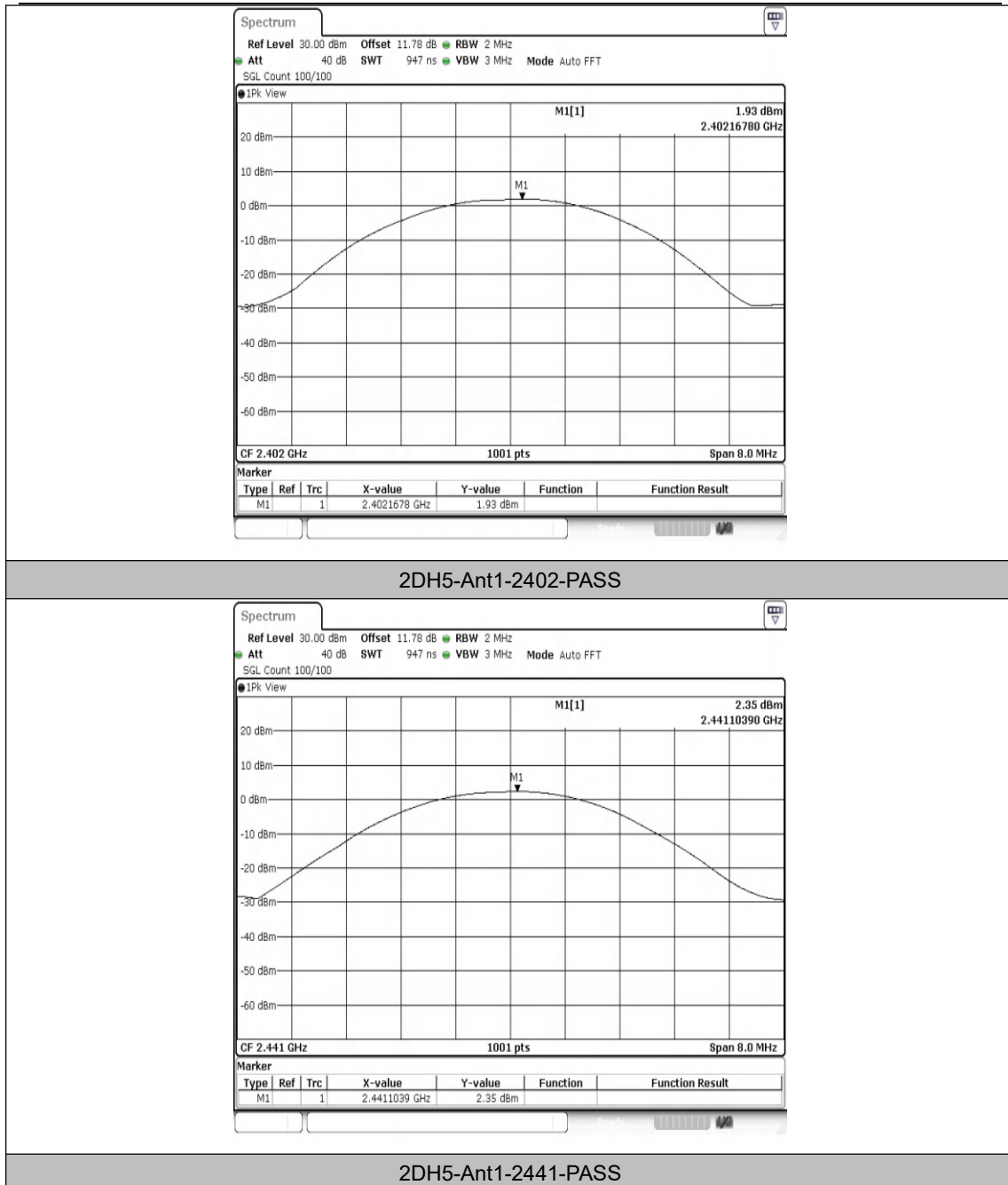


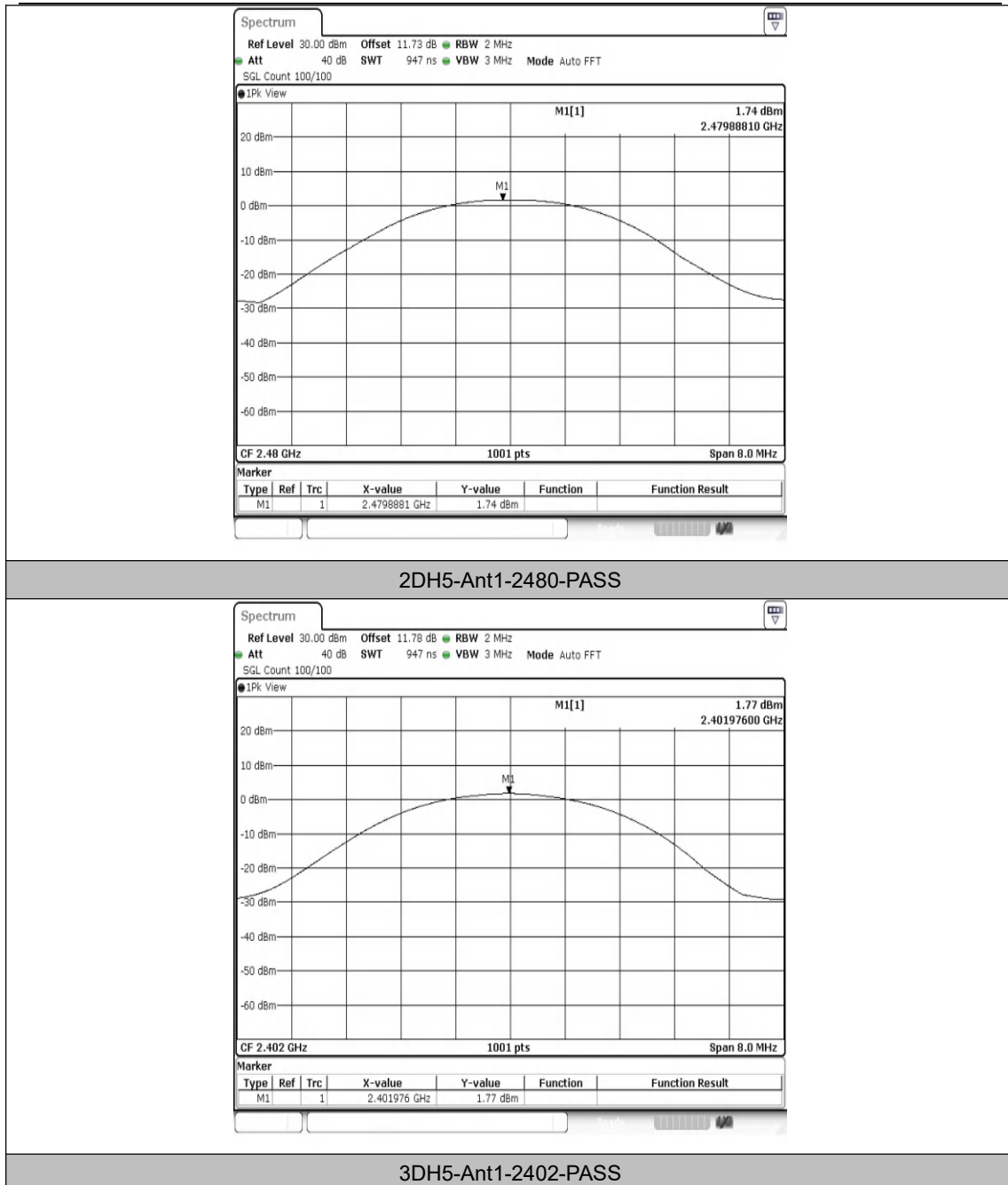


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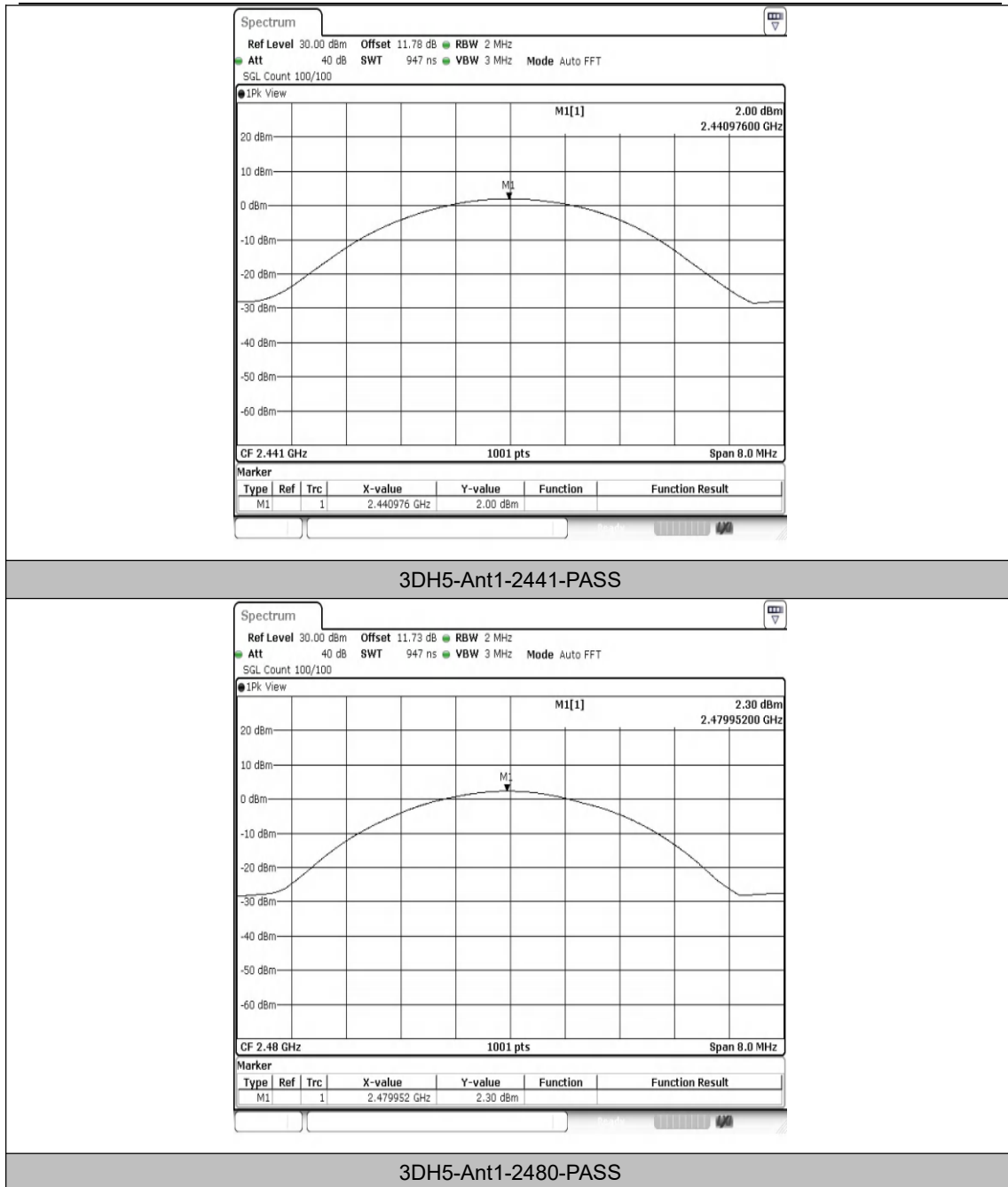




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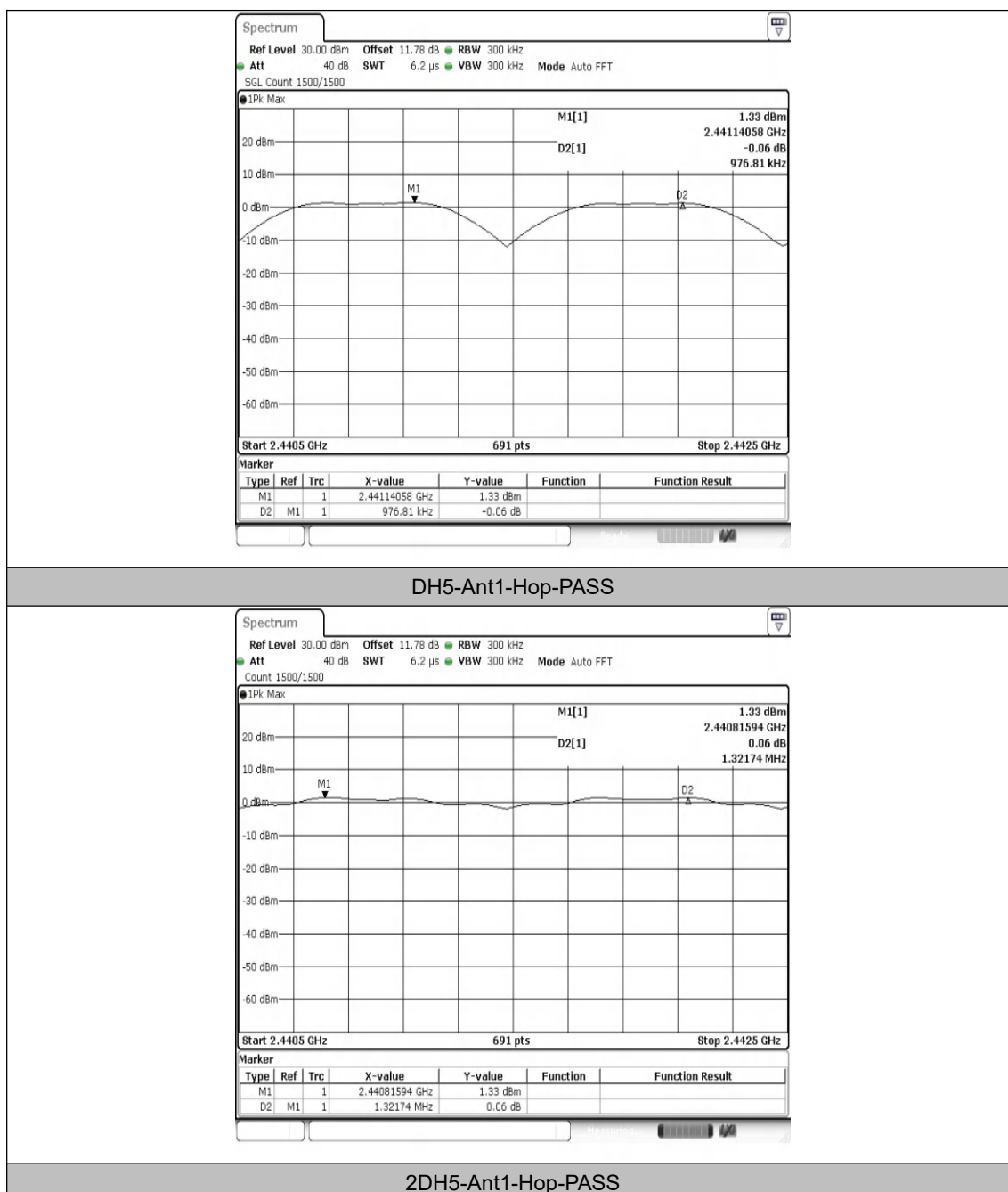
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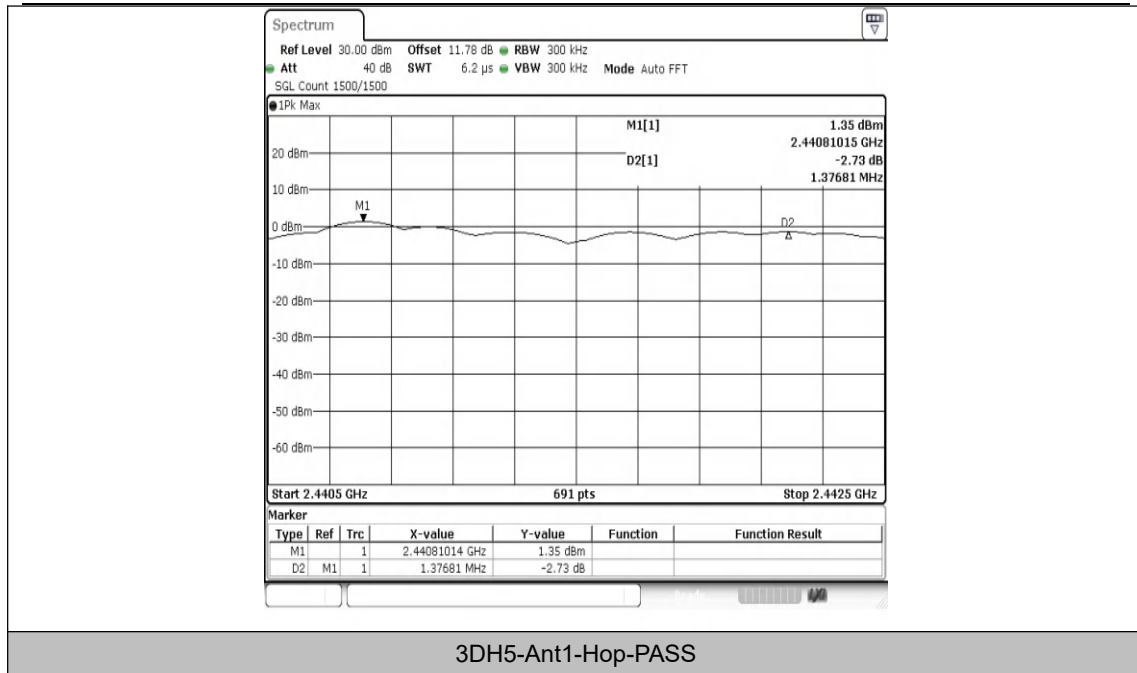
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.977	≥0.640	PASS
2DH5	Ant1	Hop	1.322	≥0.907	PASS
3DH5	Ant1	Hop	1.377	≥0.867	PASS

Test Graphs





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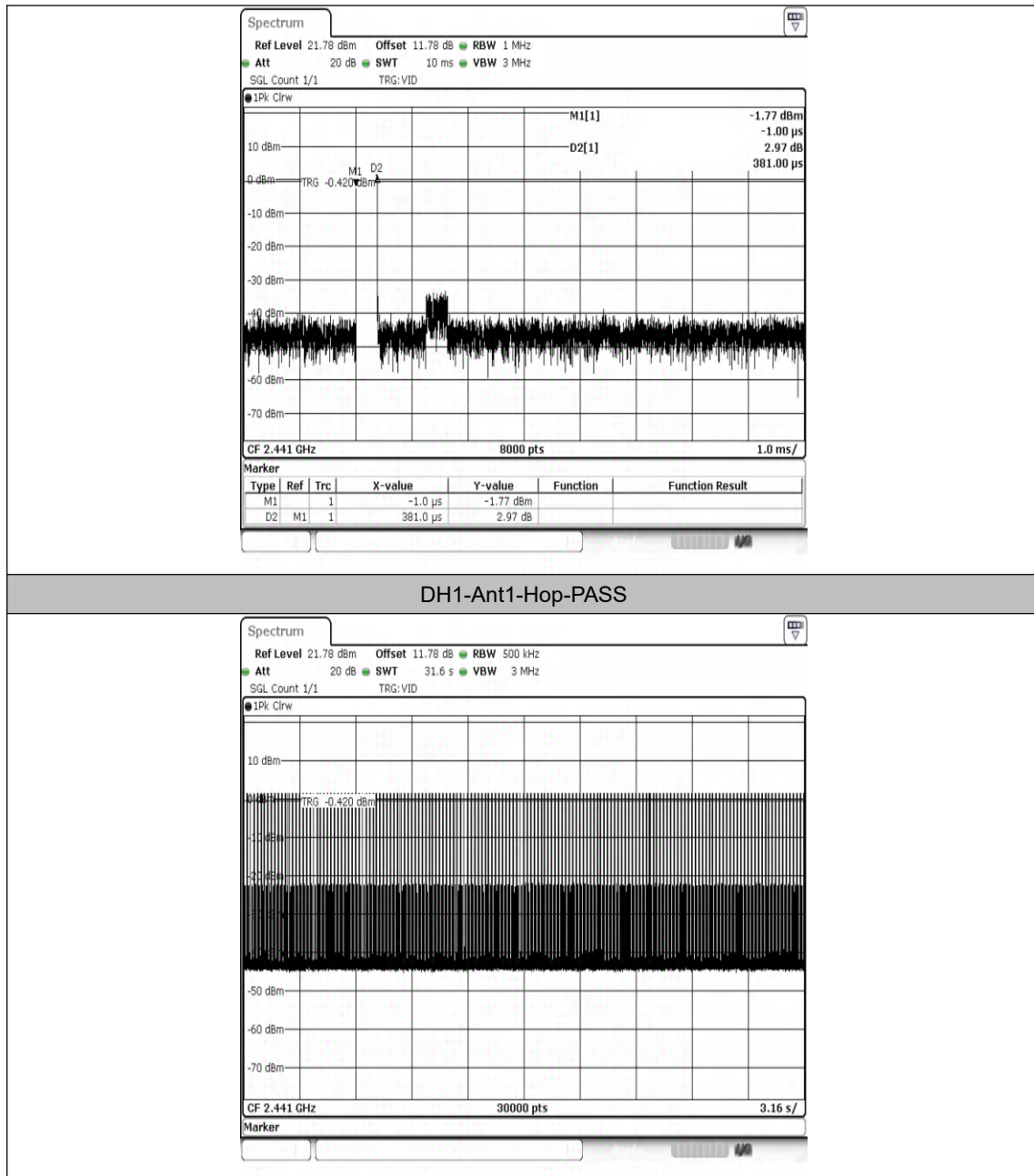
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH1	Ant1	Hop	0.381	319	0.122	≤0.4	PASS
DH3	Ant1	Hop	1.638	166	0.272	≤0.4	PASS
DH5	Ant1	Hop	2.887	103	0.297	≤0.4	PASS
2DH1	Ant1	Hop	0.390	321	0.125	≤0.4	PASS
2DH3	Ant1	Hop	1.641	165	0.271	≤0.4	PASS
2DH5	Ant1	Hop	2.890	115	0.332	≤0.4	PASS
3DH1	Ant1	Hop	0.390	319	0.124	≤0.4	PASS
3DH3	Ant1	Hop	1.641	156	0.256	≤0.4	PASS
3DH5	Ant1	Hop	2.893	109	0.315	≤0.4	PASS

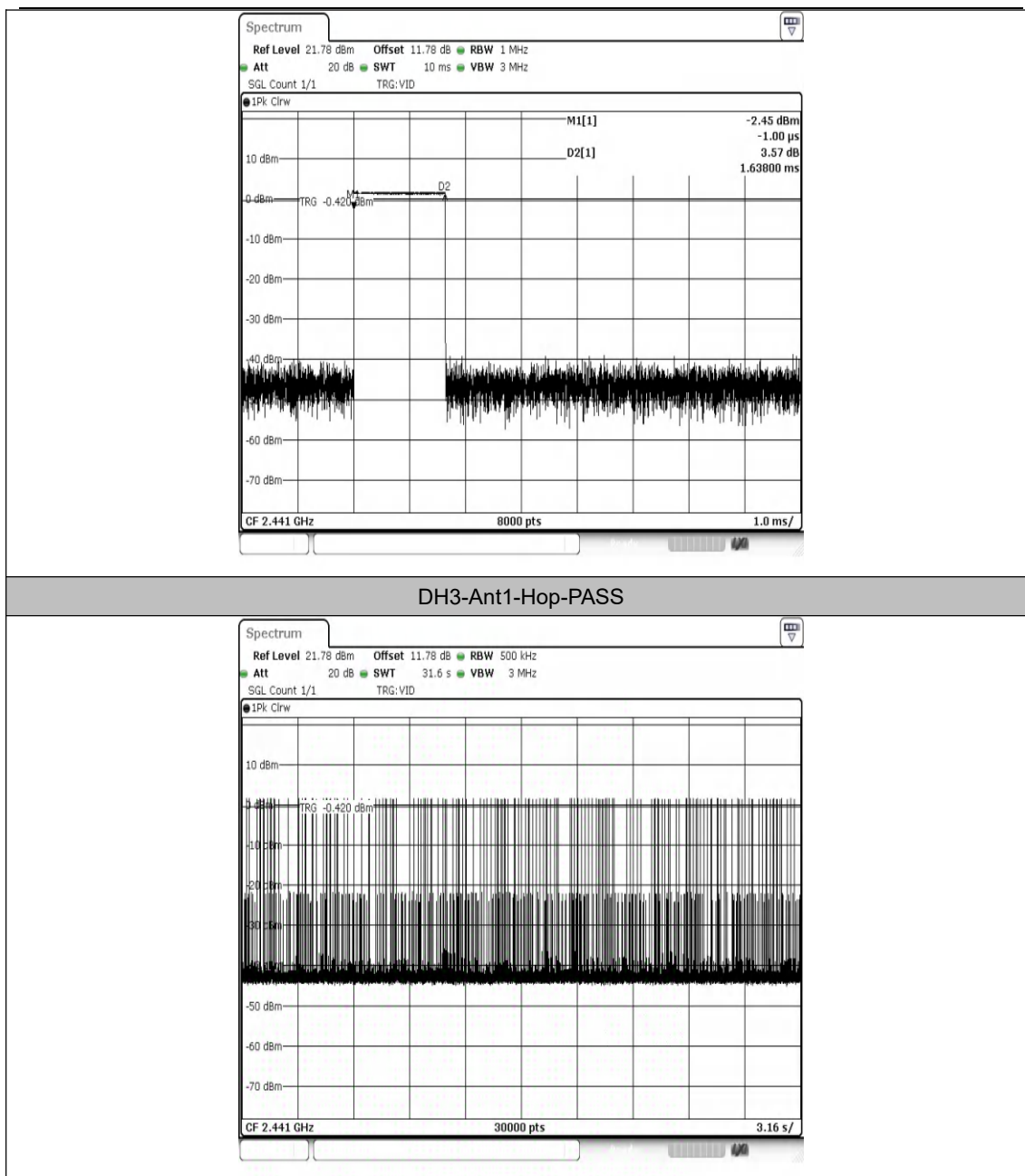
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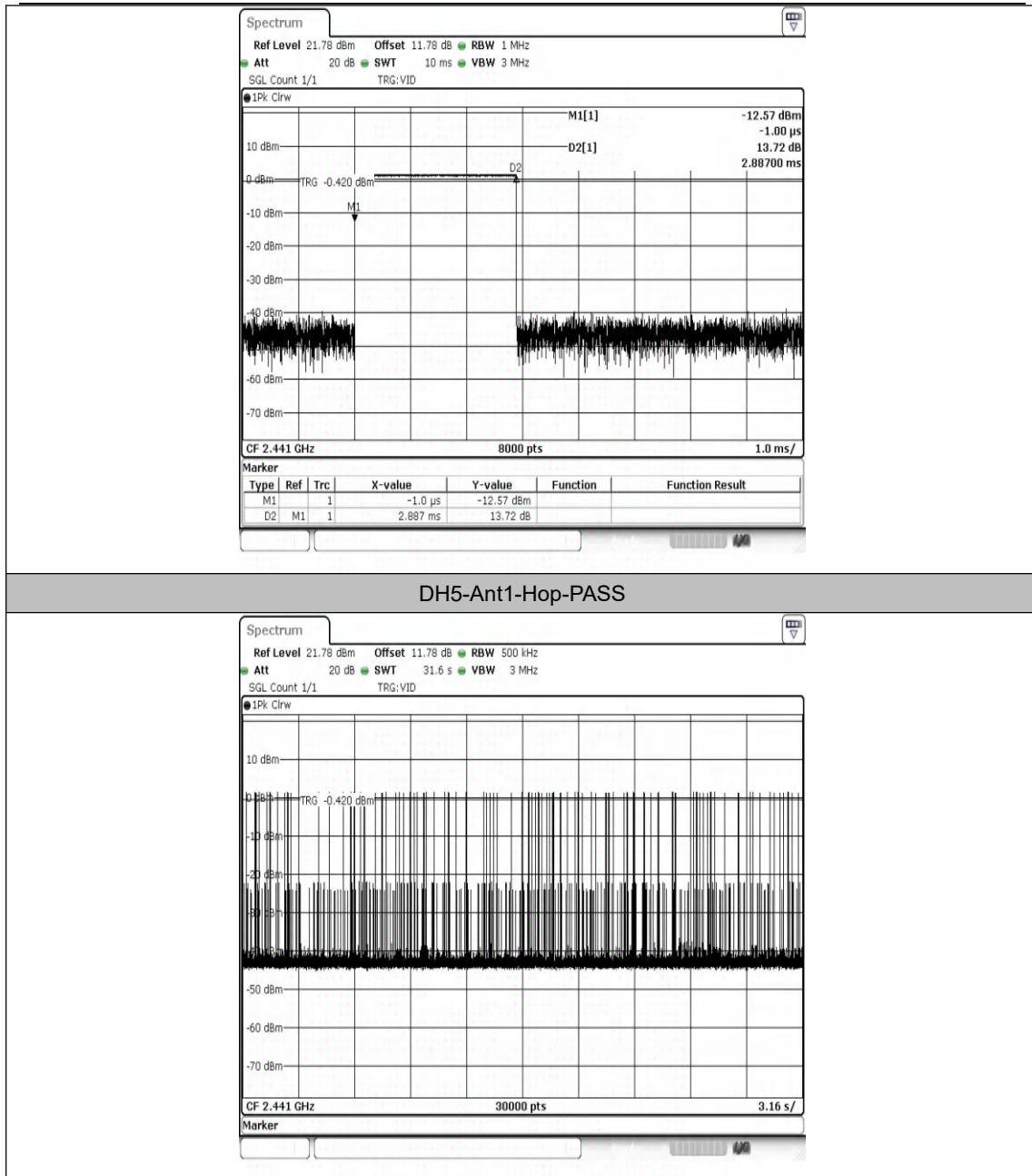
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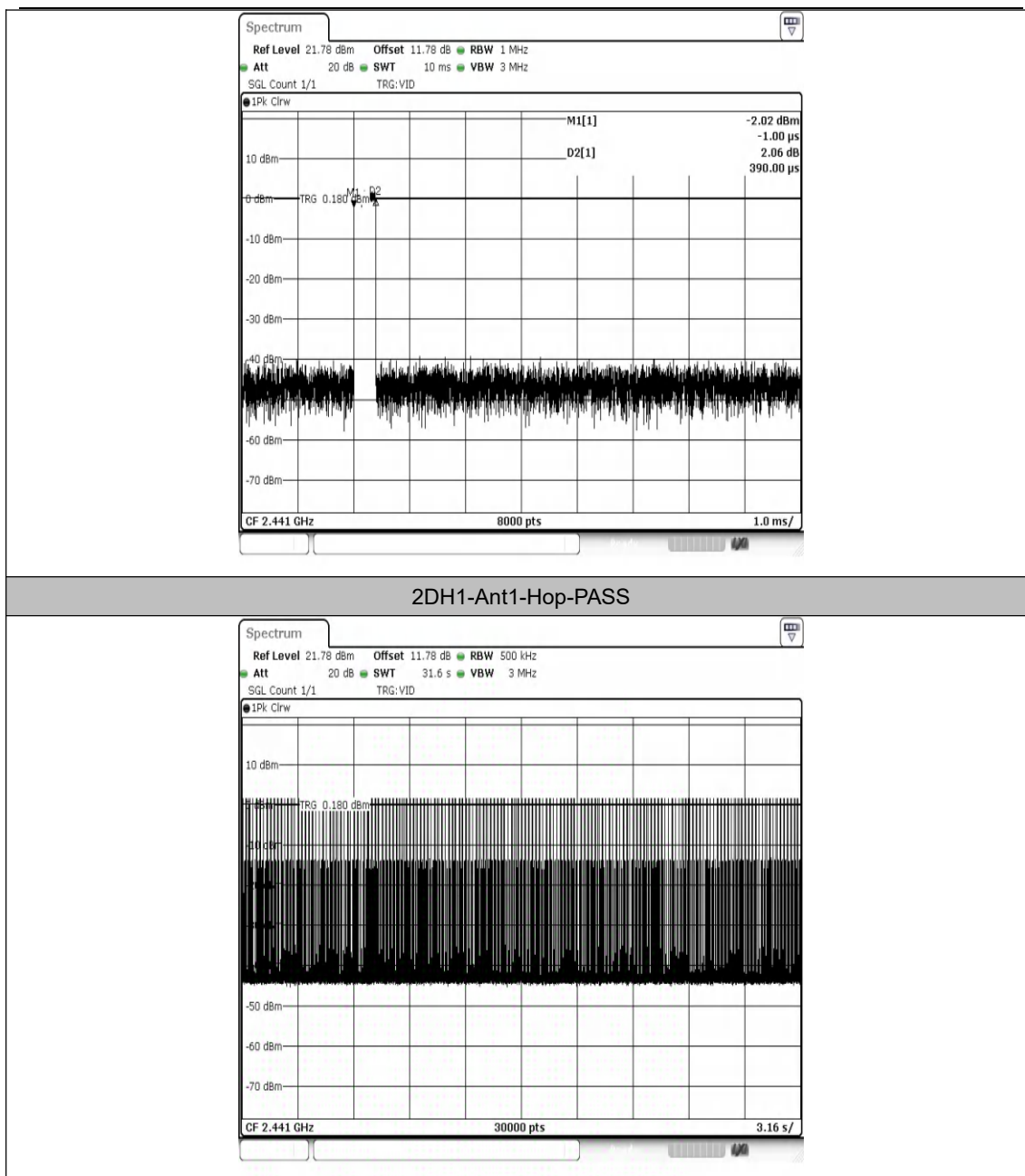


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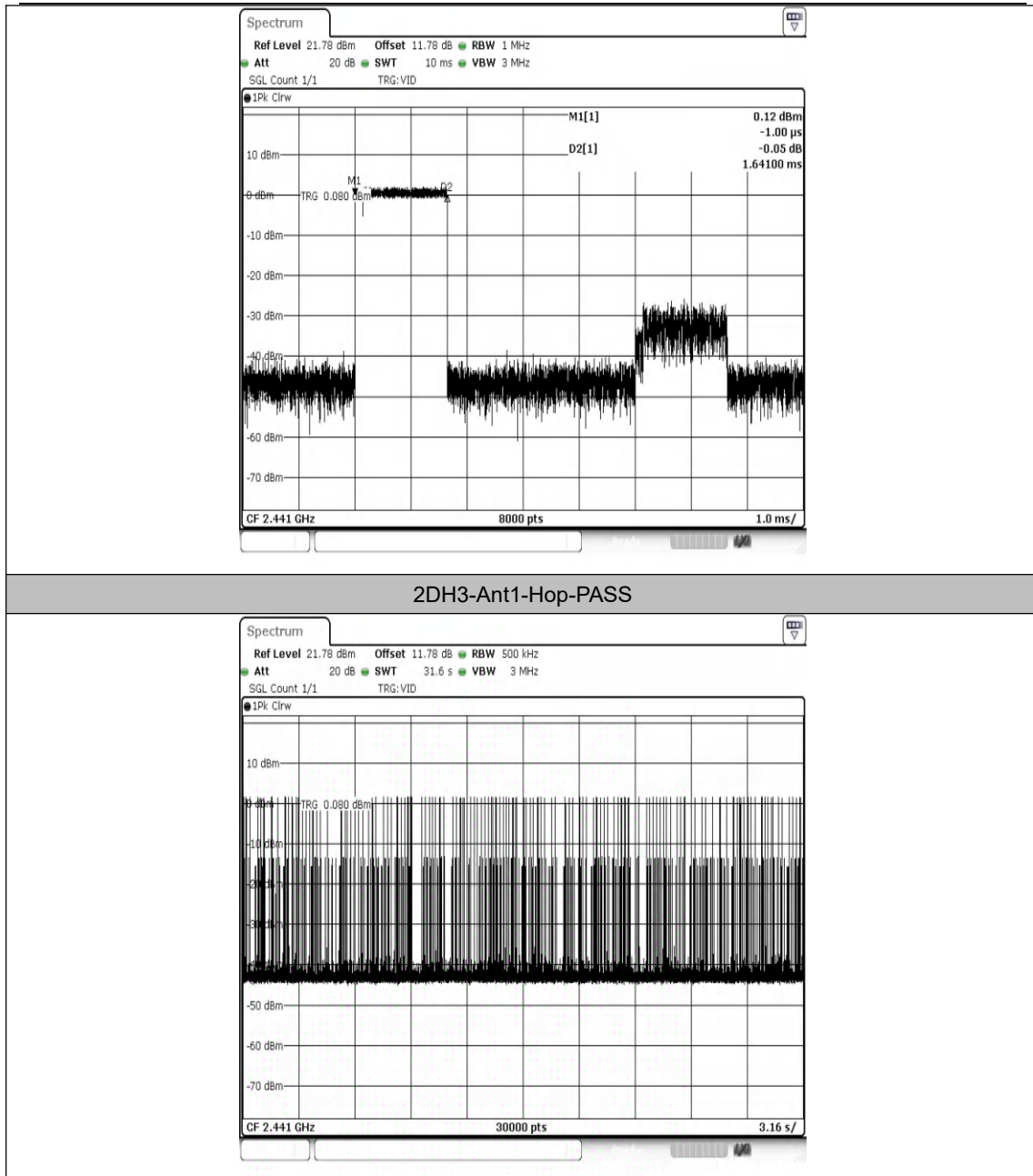




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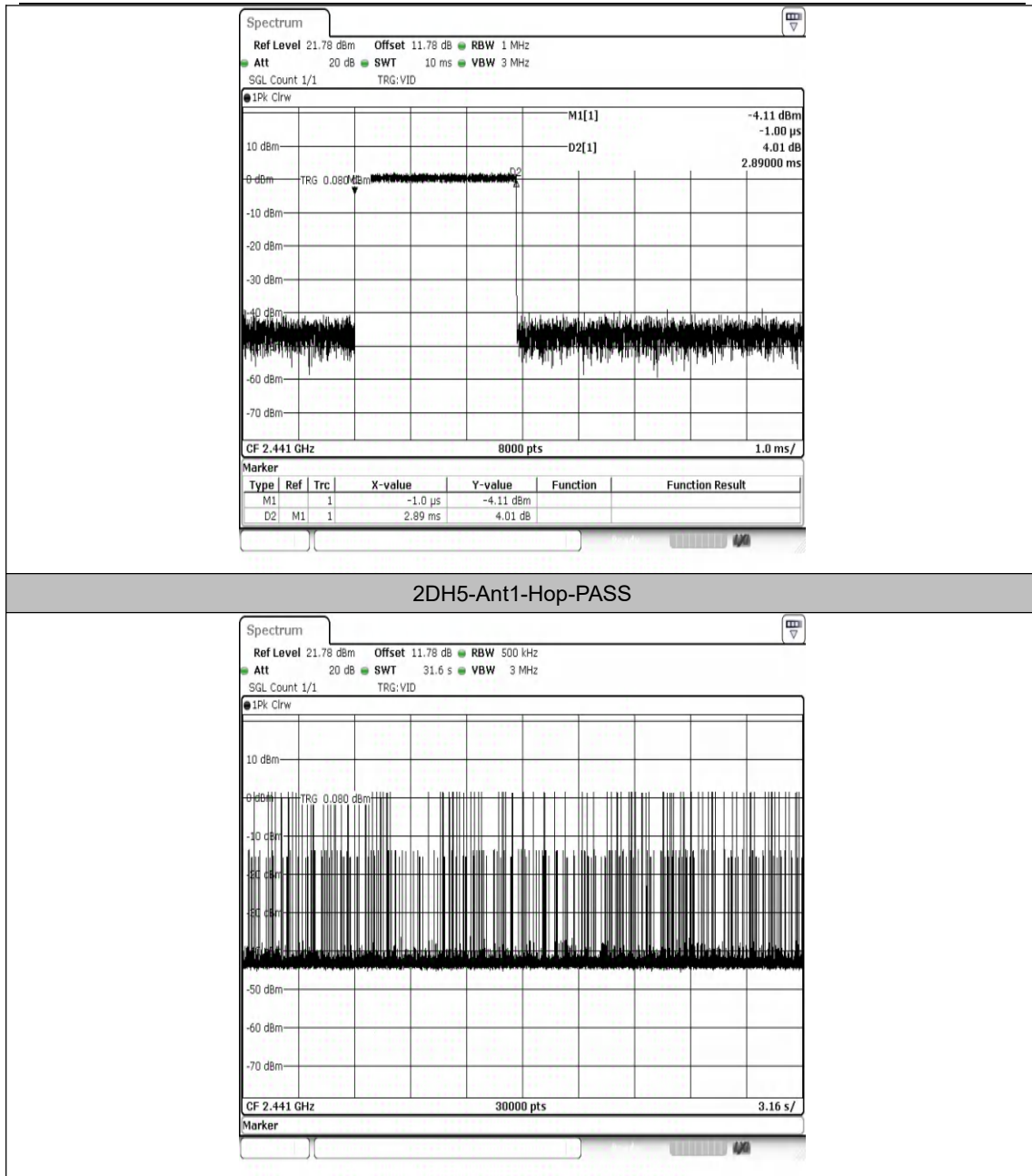
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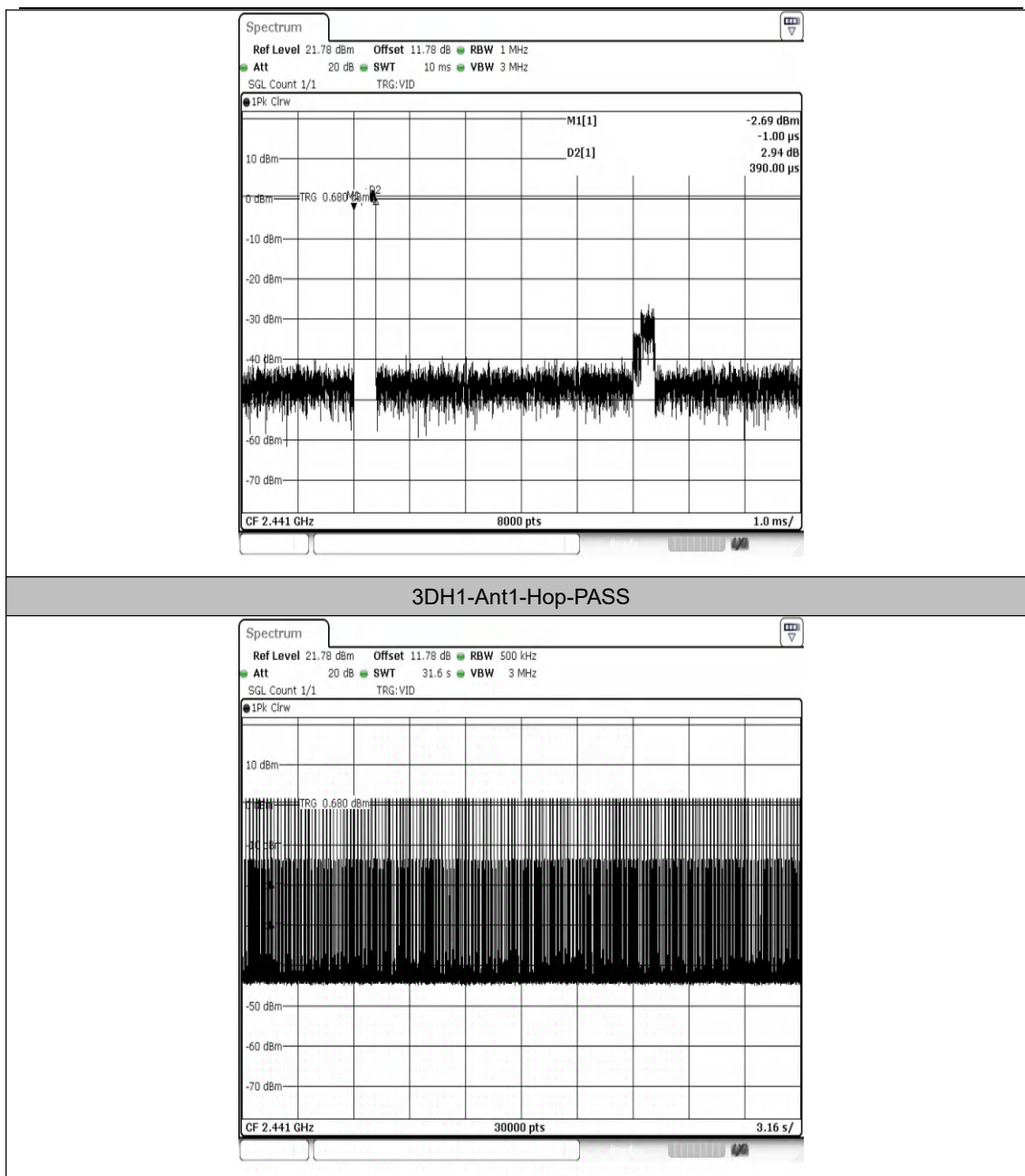
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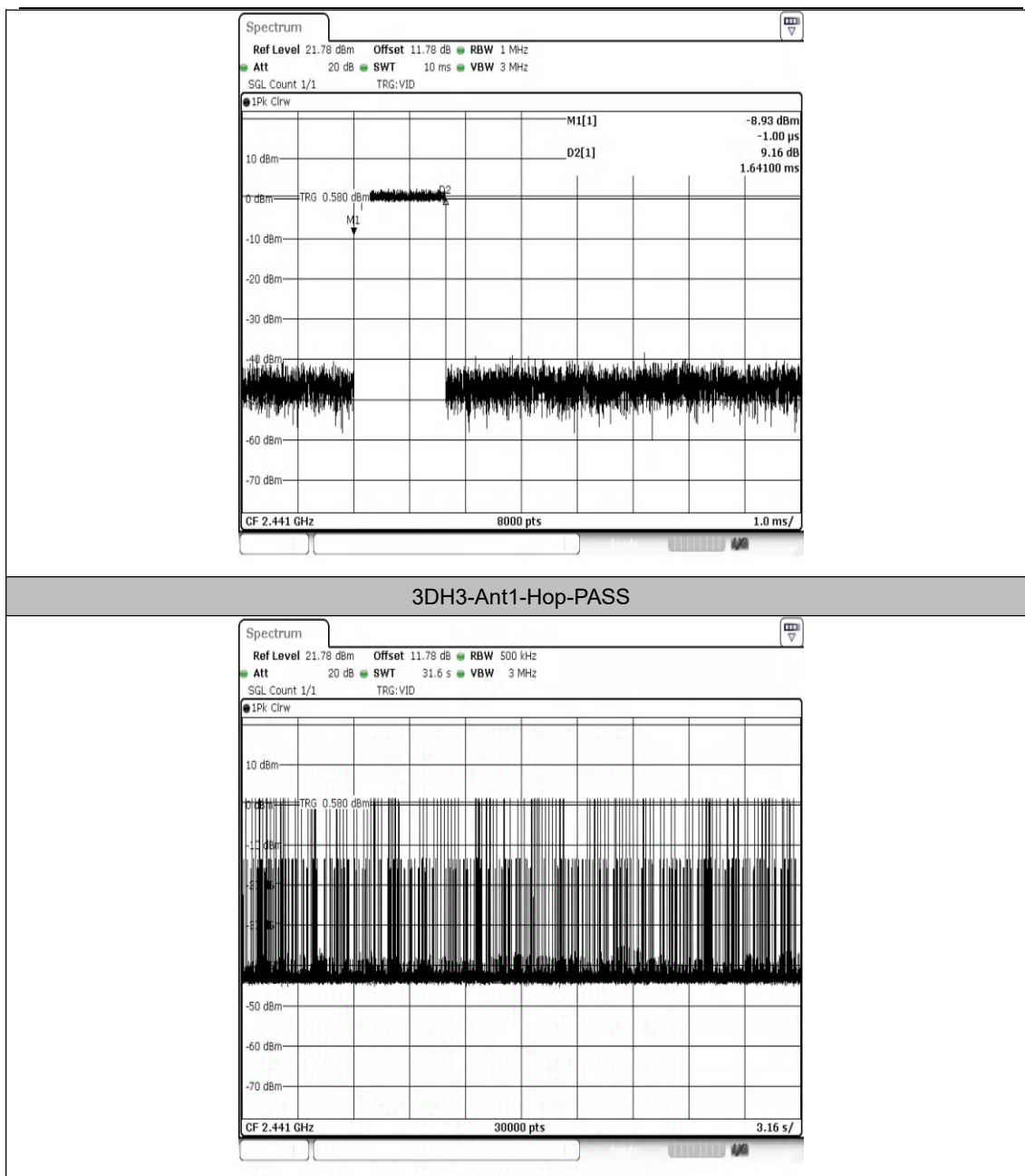
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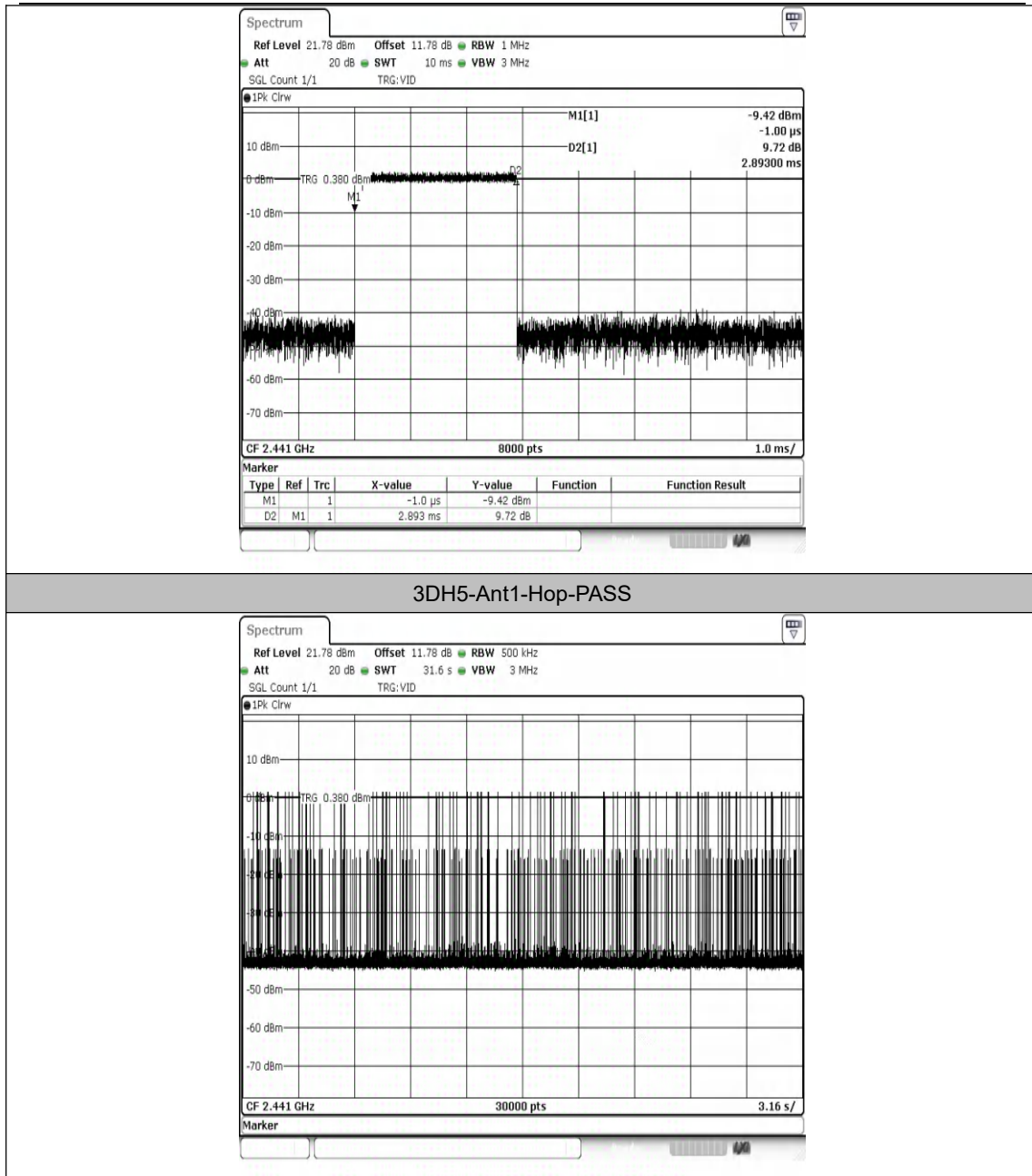
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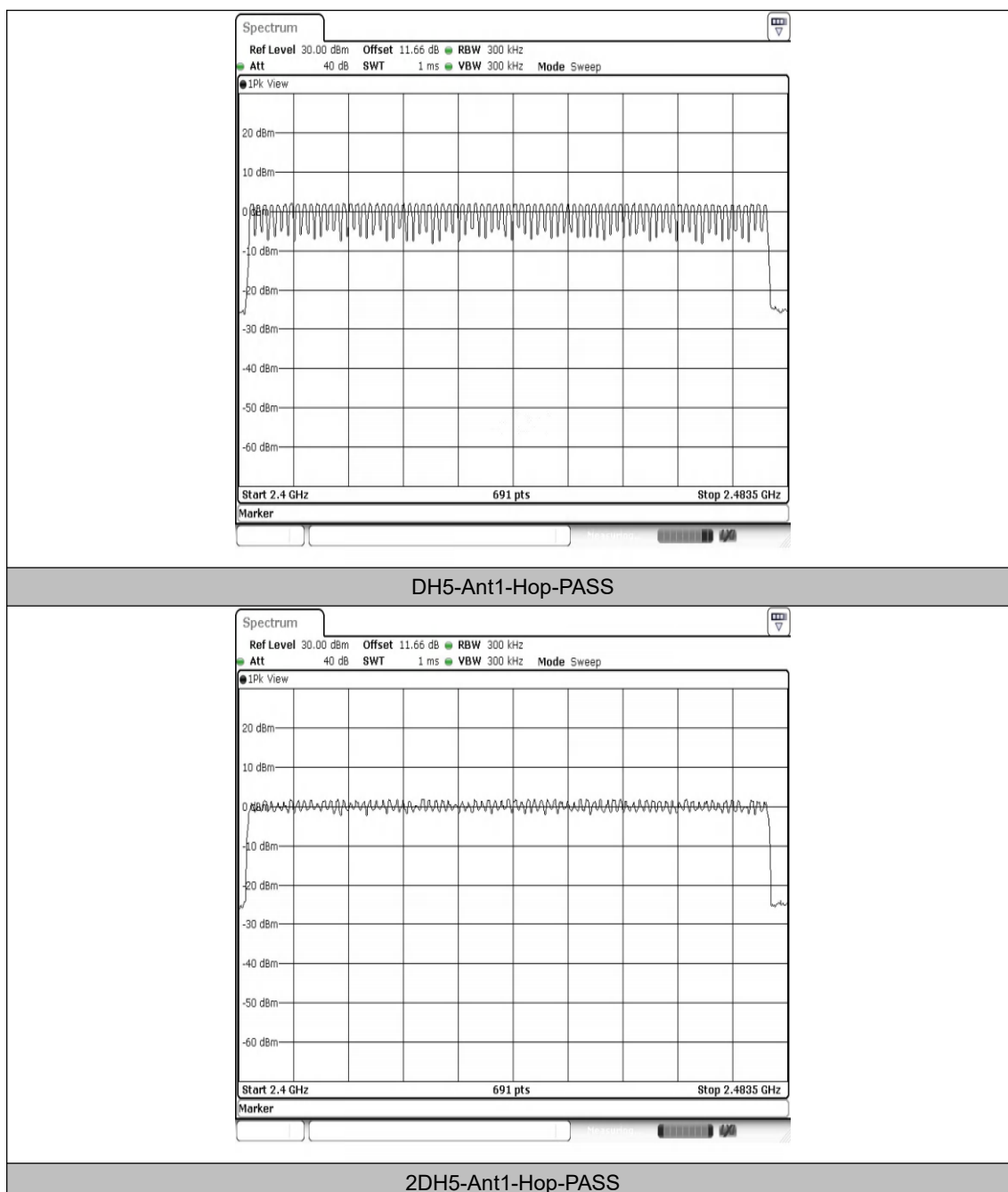
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Appendix F: Number of Hopping Channel

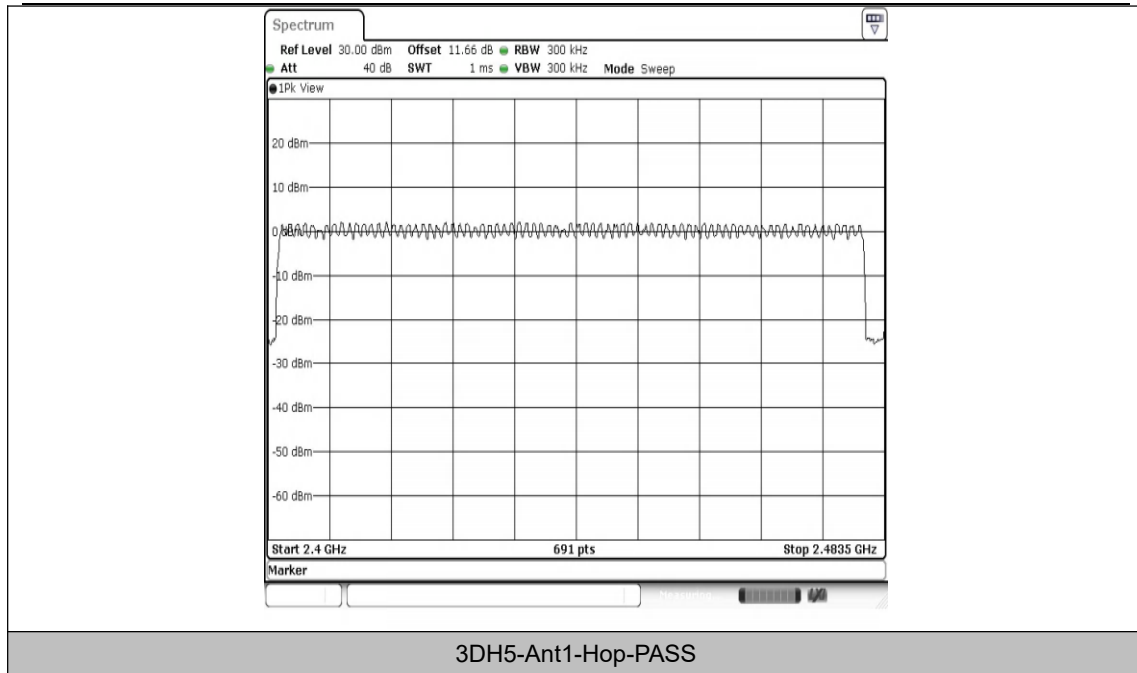
Test Result

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



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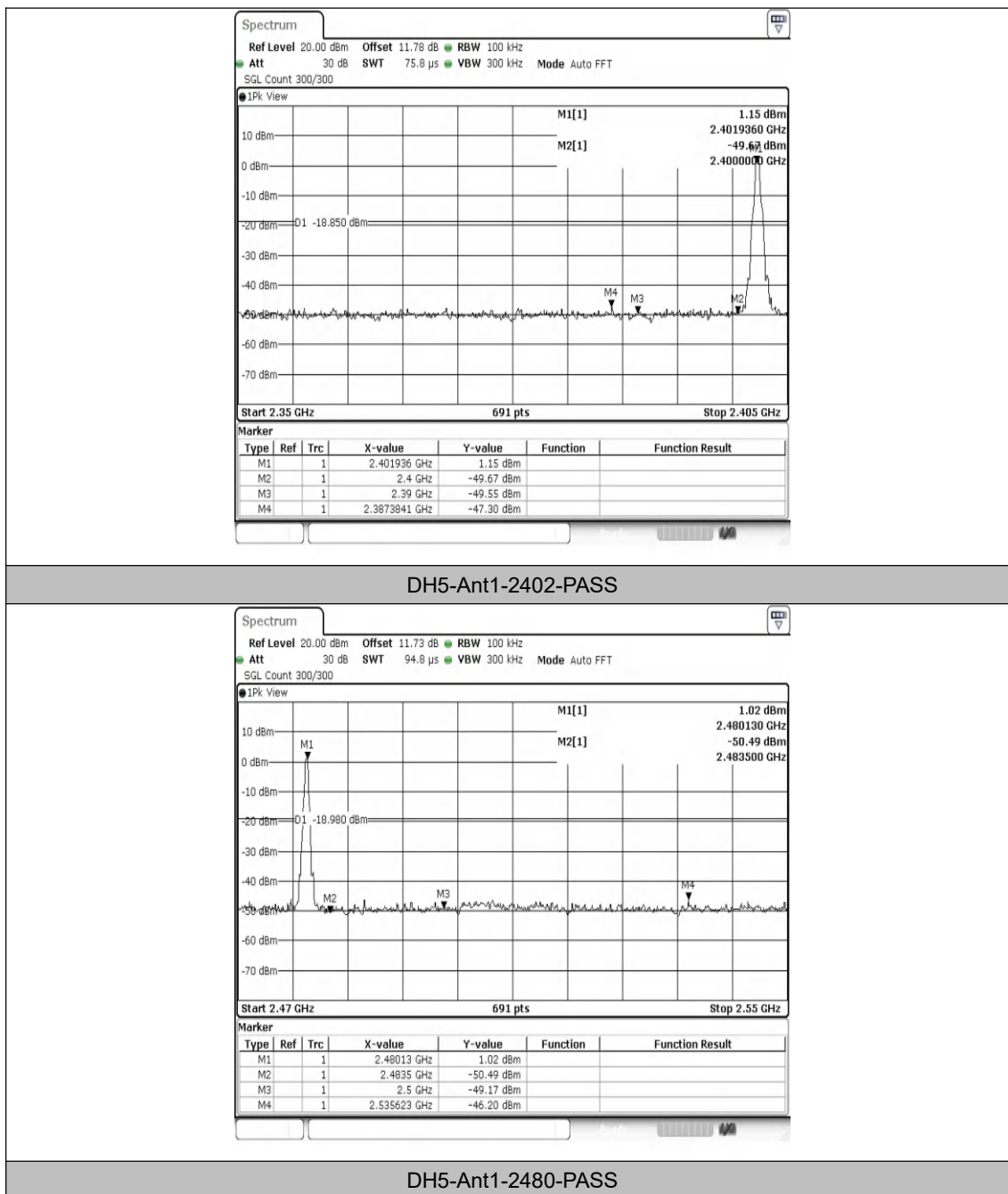
Appendix G: Conducted Band edge

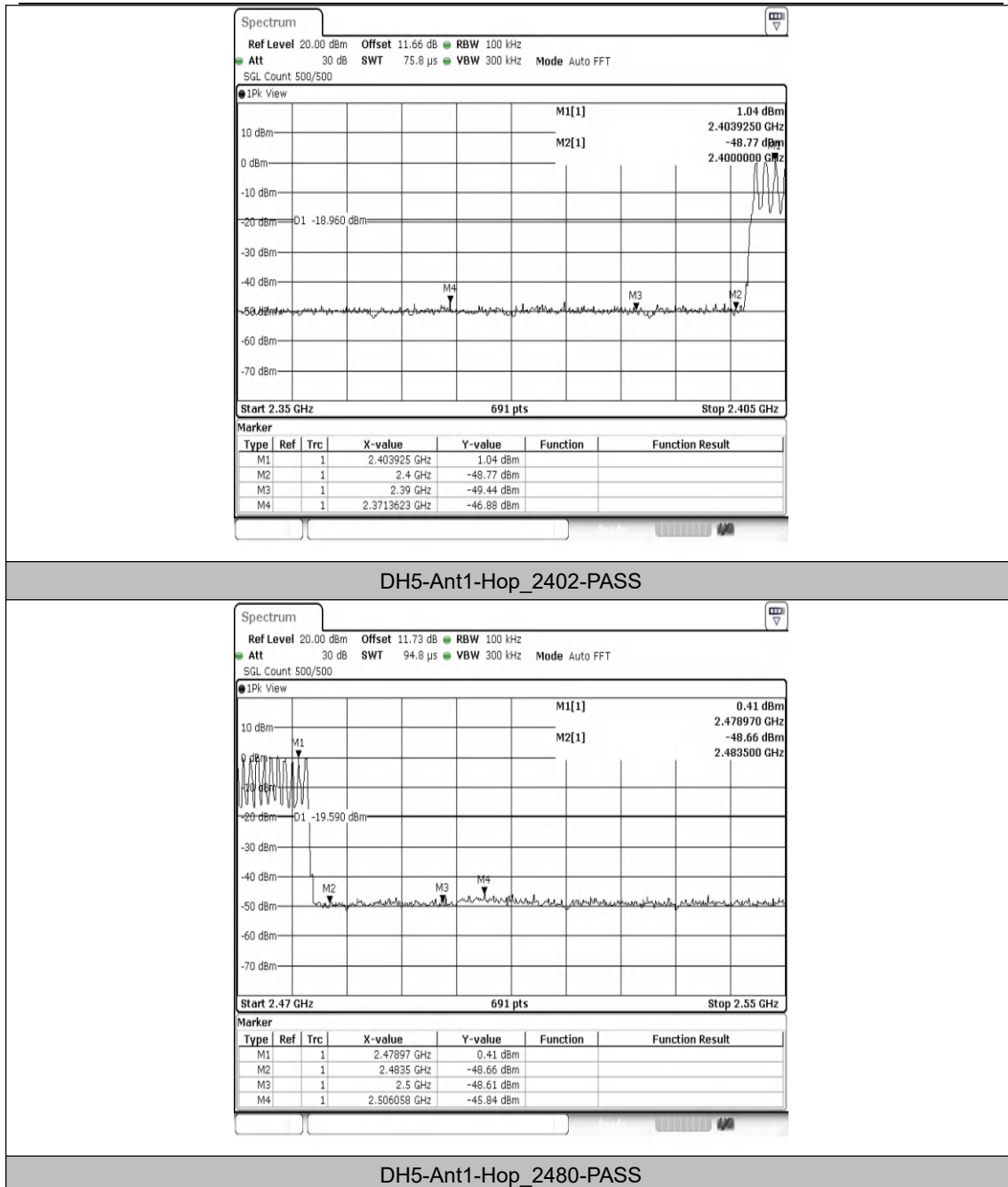
Test Result

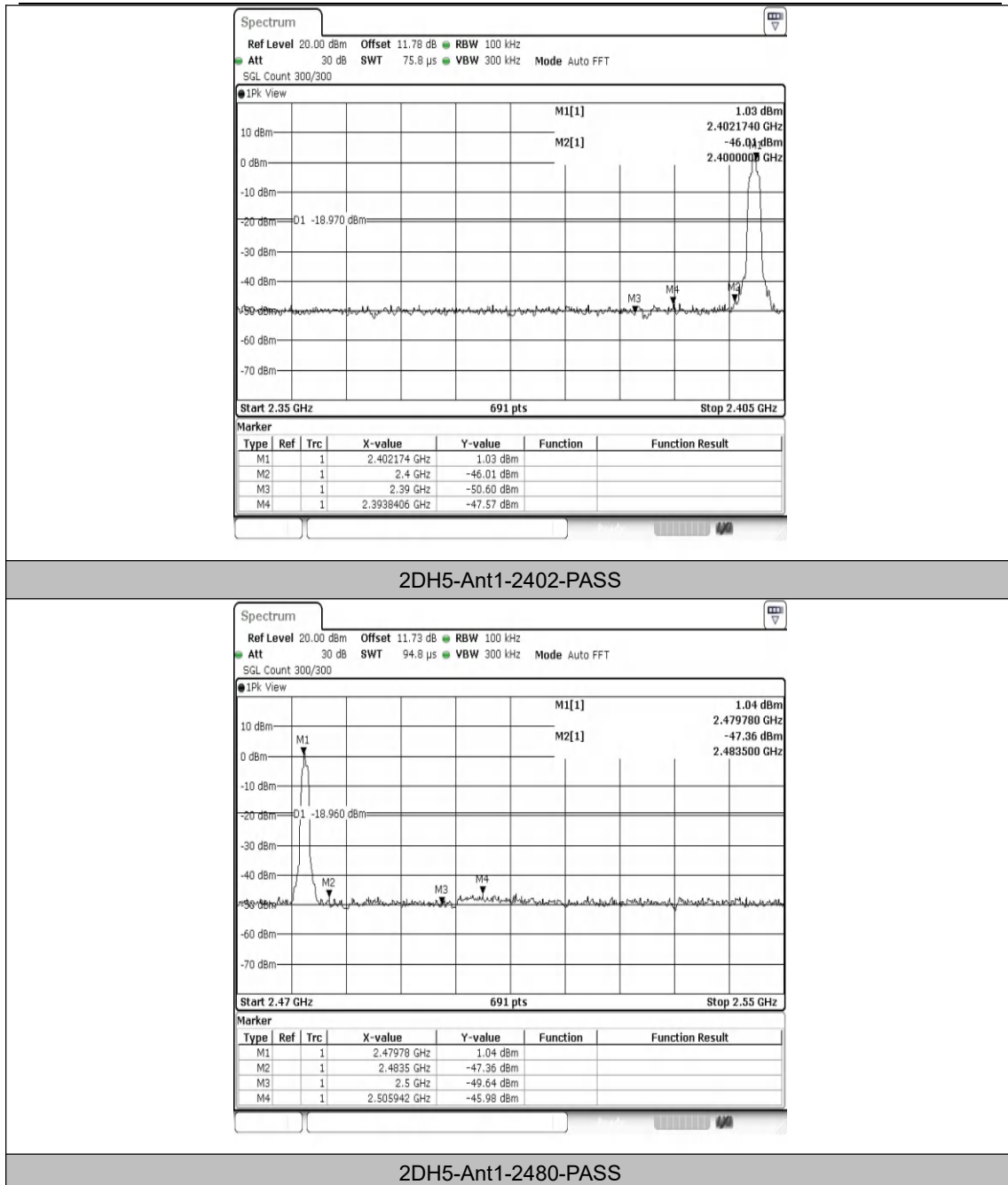
Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.15	-47.3	≤-18.85	PASS
DH5	Ant1	High	2480	1.02	-46.2	≤-18.98	PASS
DH5	Ant1	Low	Hop_2402	1.04	-46.88	≤-18.96	PASS
DH5	Ant1	High	Hop_2480	0.41	-45.84	≤-19.59	PASS
2DH5	Ant1	Low	2402	1.03	-47.57	≤-18.97	PASS
2DH5	Ant1	High	2480	1.04	-45.98	≤-18.96	PASS
2DH5	Ant1	Low	Hop_2402	-0.76	-47.3	≤-20.76	PASS
2DH5	Ant1	High	Hop_2480	1.00	-44.86	≤-19	PASS
3DH5	Ant1	Low	2402	1.15	-47.43	≤-18.85	PASS
3DH5	Ant1	High	2480	0.97	-46.31	≤-19.03	PASS
3DH5	Ant1	Low	Hop_2402	-0.12	-47.22	≤-20.12	PASS
3DH5	Ant1	High	Hop_2480	0.99	-45.7	≤-19.01	PASS

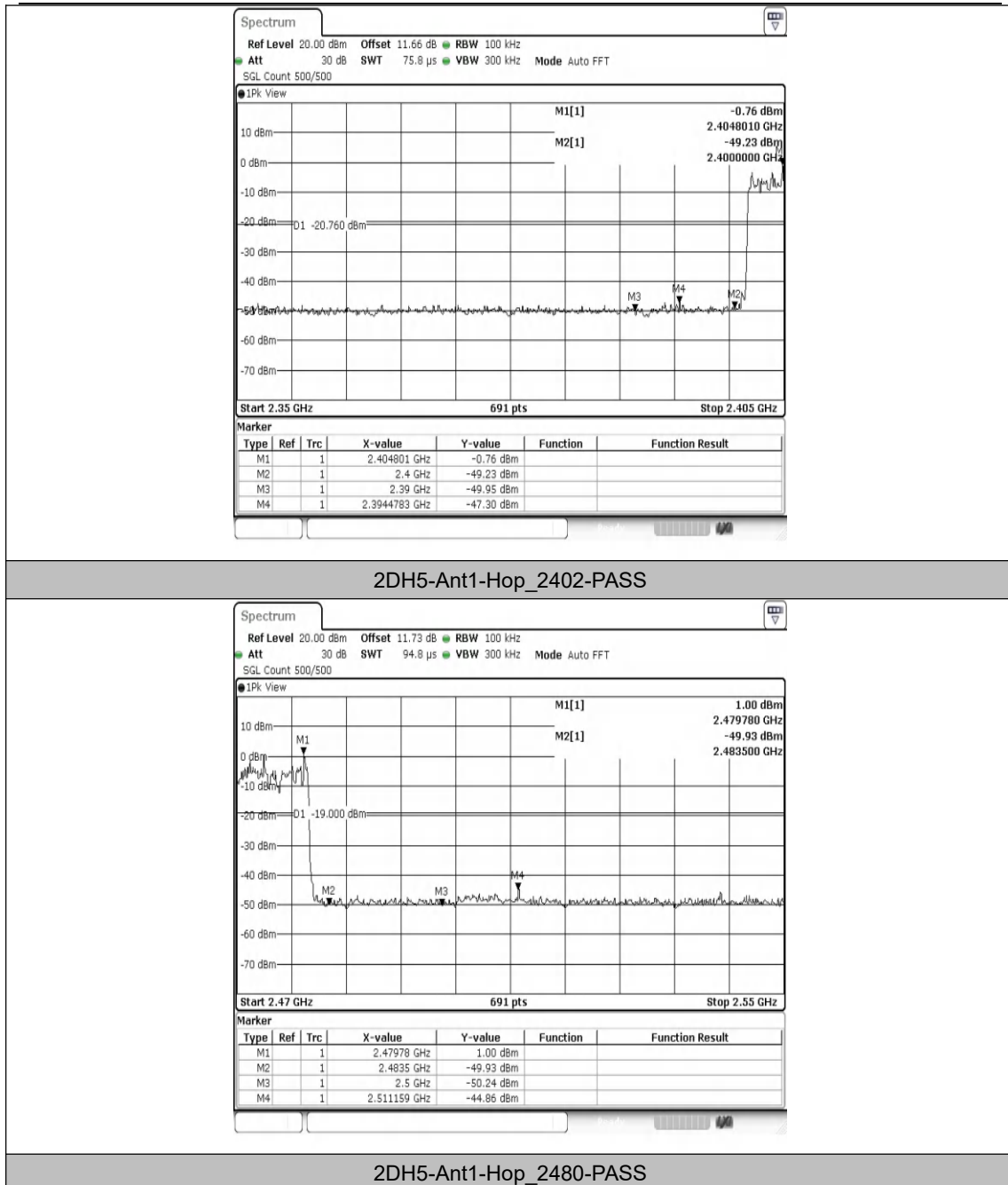


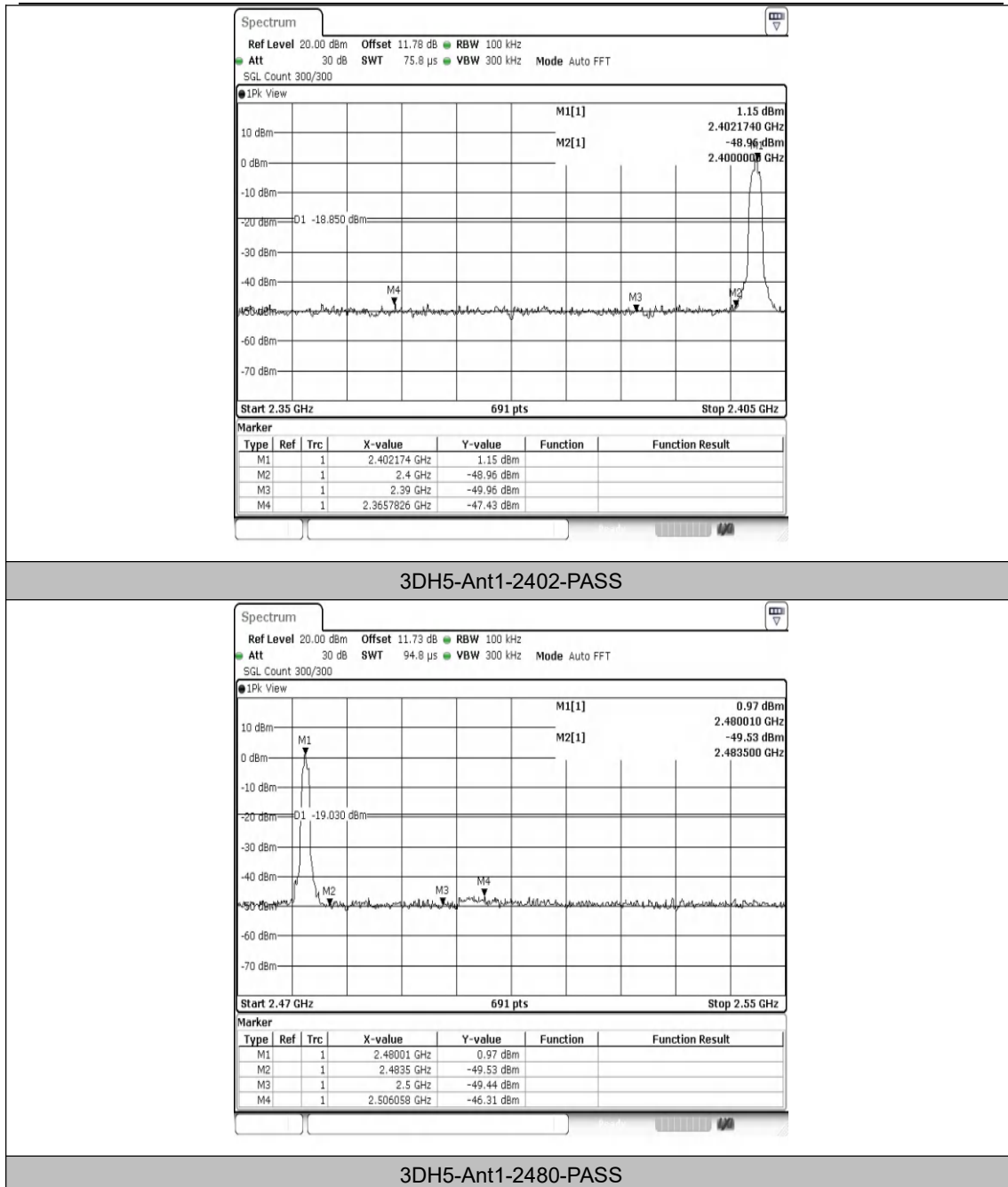
Test Graphs

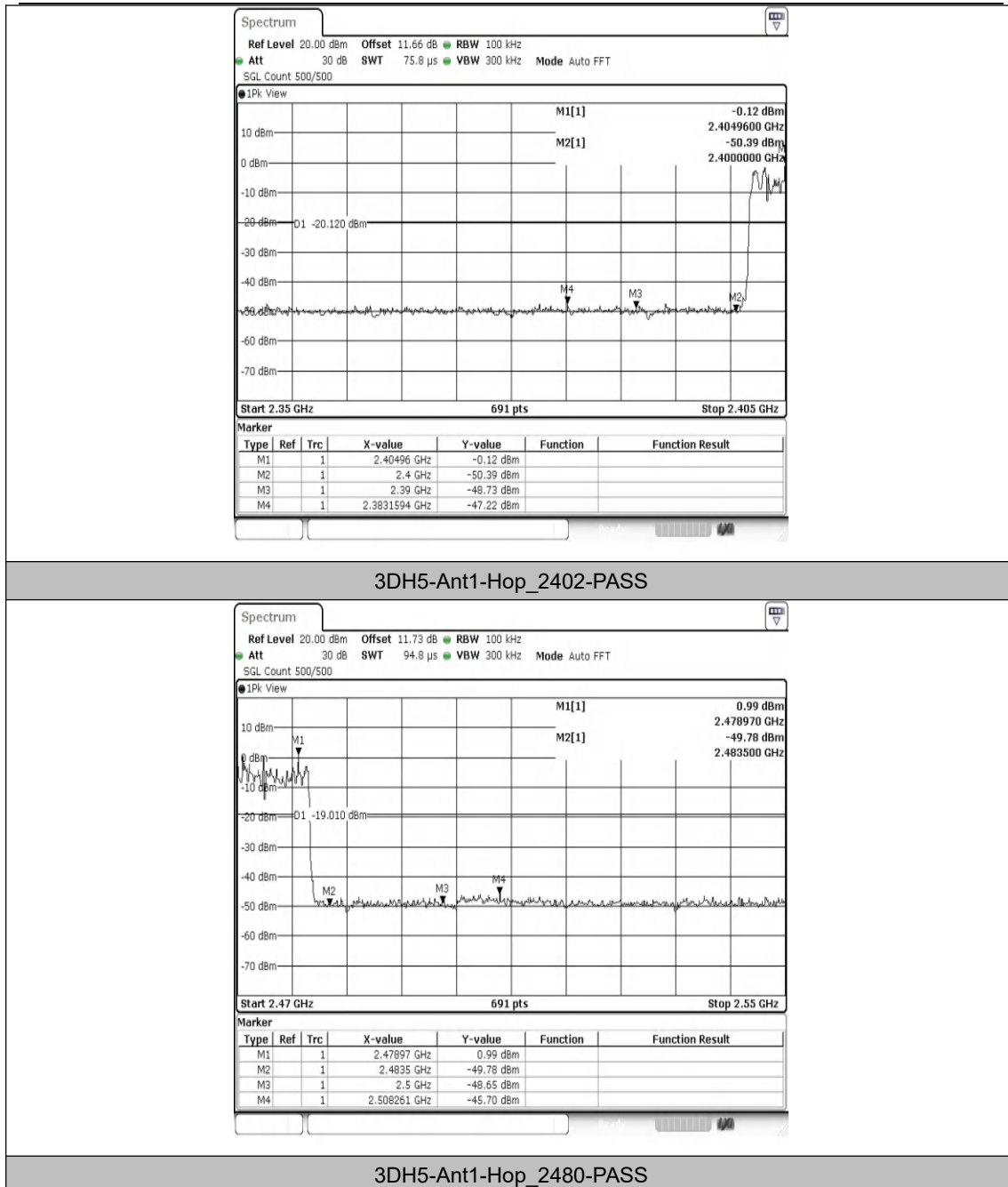












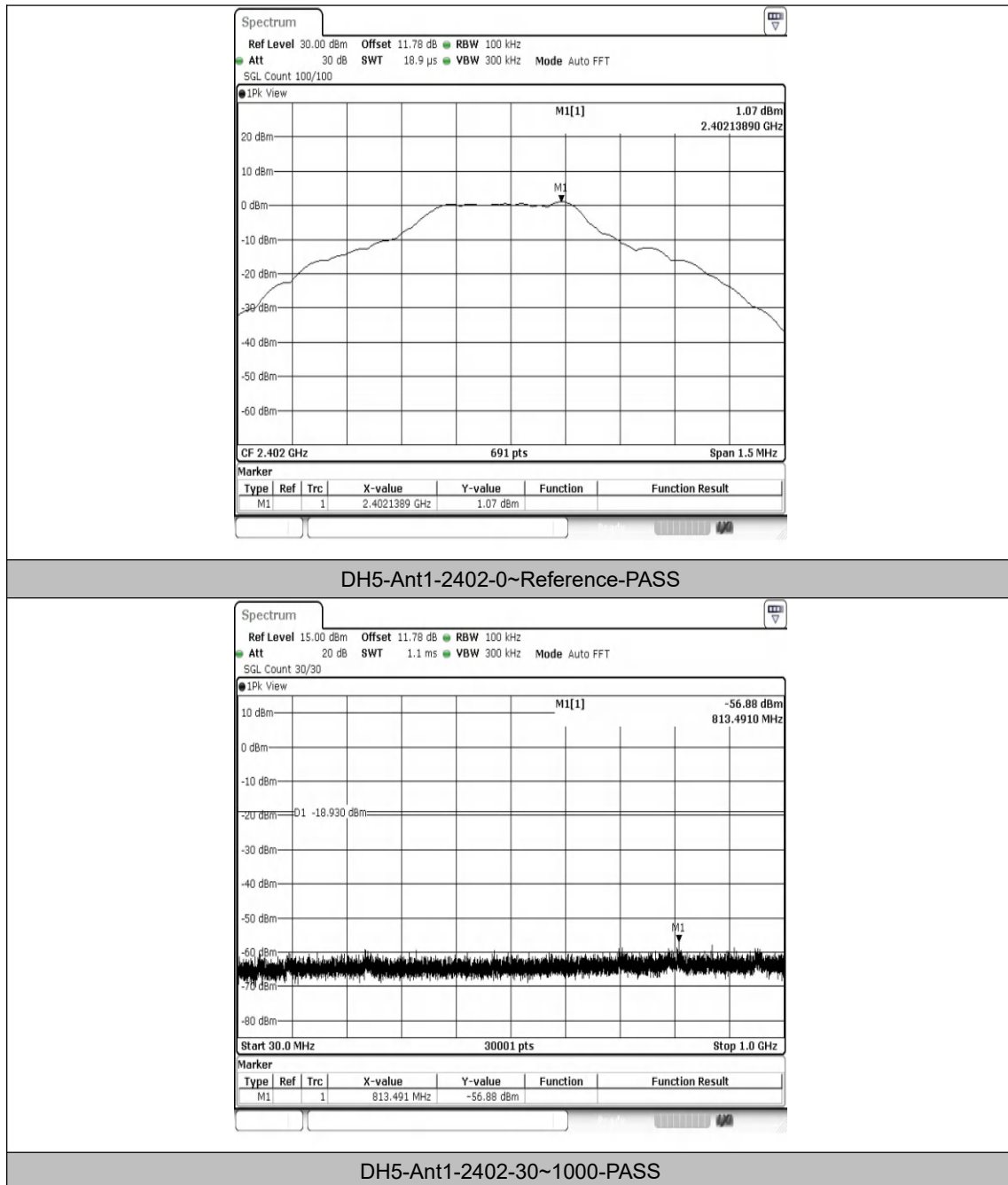
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	1.07	1.07	---	PASS
DH5	Ant1	2402	30~1000	1.07	-56.88	≤-18.93	PASS
DH5	Ant1	2402	1000~26500	1.07	-43.22	≤-18.93	PASS
DH5	Ant1	2441	0~Reference	1.13	1.13	---	PASS
DH5	Ant1	2441	30~1000	1.13	-58.5	≤-18.87	PASS
DH5	Ant1	2441	1000~26500	1.13	-43.48	≤-18.87	PASS
DH5	Ant1	2480	0~Reference	0.84	0.84	---	PASS
DH5	Ant1	2480	30~1000	0.84	-57.66	≤-19.16	PASS
DH5	Ant1	2480	1000~26500	0.84	-44.26	≤-19.16	PASS
2DH5	Ant1	2402	0~Reference	0.97	0.97	---	PASS
2DH5	Ant1	2402	30~1000	0.97	-57.85	≤-19.03	PASS
2DH5	Ant1	2402	1000~26500	0.97	-43.91	≤-19.03	PASS
2DH5	Ant1	2441	0~Reference	-0.30	-0.30	---	PASS
2DH5	Ant1	2441	30~1000	-0.30	-56.79	≤-20.3	PASS
2DH5	Ant1	2441	1000~26500	-0.30	-44.22	≤-20.3	PASS
2DH5	Ant1	2480	0~Reference	0.77	0.77	---	PASS
2DH5	Ant1	2480	30~1000	0.77	-58.87	≤-19.23	PASS
2DH5	Ant1	2480	1000~26500	0.77	-43.3	≤-19.23	PASS
3DH5	Ant1	2402	0~Reference	-1.16	-1.16	---	PASS
3DH5	Ant1	2402	30~1000	-1.16	-58.1	≤-21.16	PASS
3DH5	Ant1	2402	1000~26500	-1.16	-43.2	≤-21.16	PASS
3DH5	Ant1	2441	0~Reference	-0.35	-0.35	---	PASS
3DH5	Ant1	2441	30~1000	-0.35	-58.31	≤-20.35	PASS
3DH5	Ant1	2441	1000~26500	-0.35	-43.34	≤-20.35	PASS
3DH5	Ant1	2480	0~Reference	0.68	0.68	---	PASS
3DH5	Ant1	2480	30~1000	0.68	-57.95	≤-19.32	PASS
3DH5	Ant1	2480	1000~26500	0.68	-42.71	≤-19.32	PASS



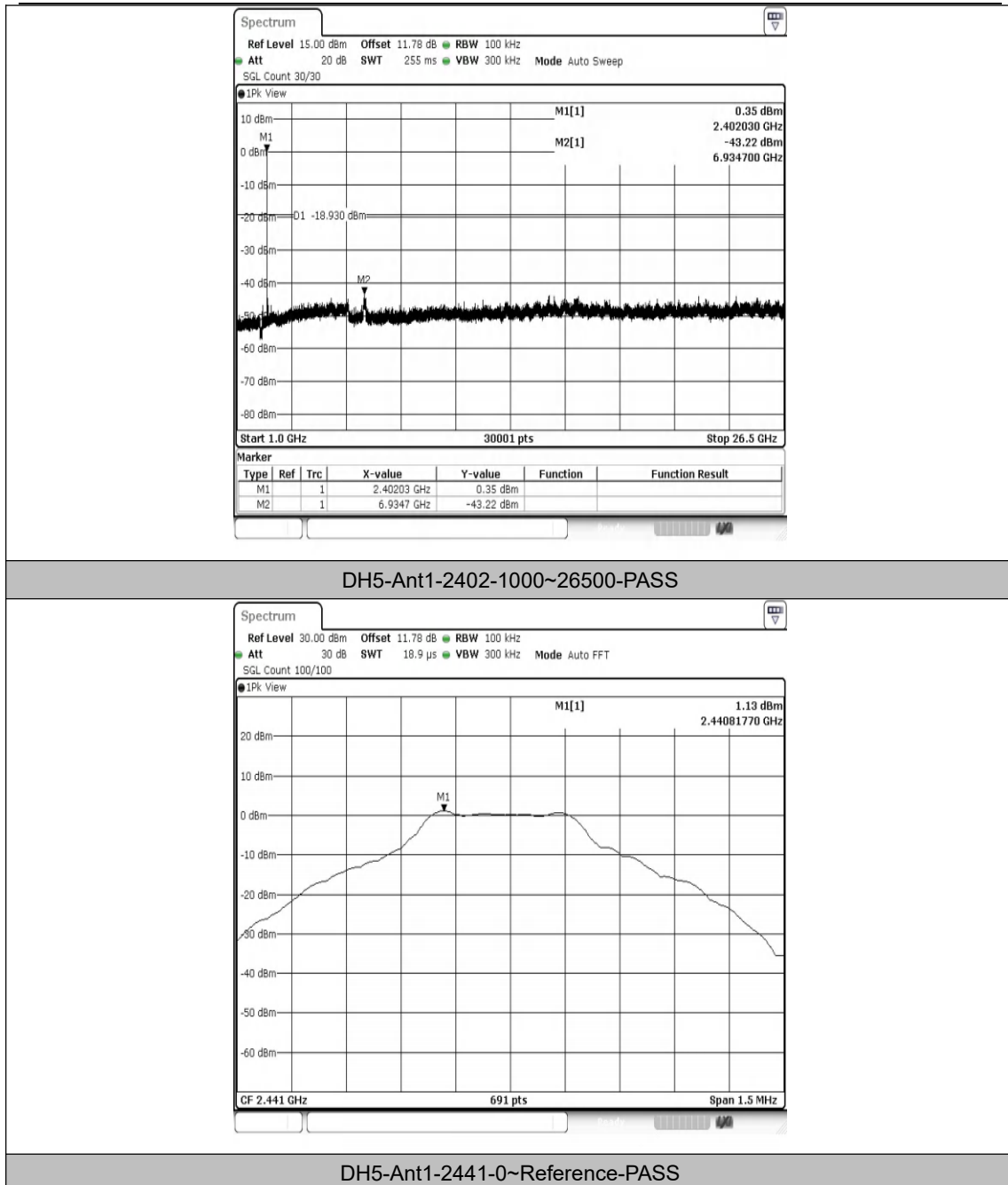
Test Graphs



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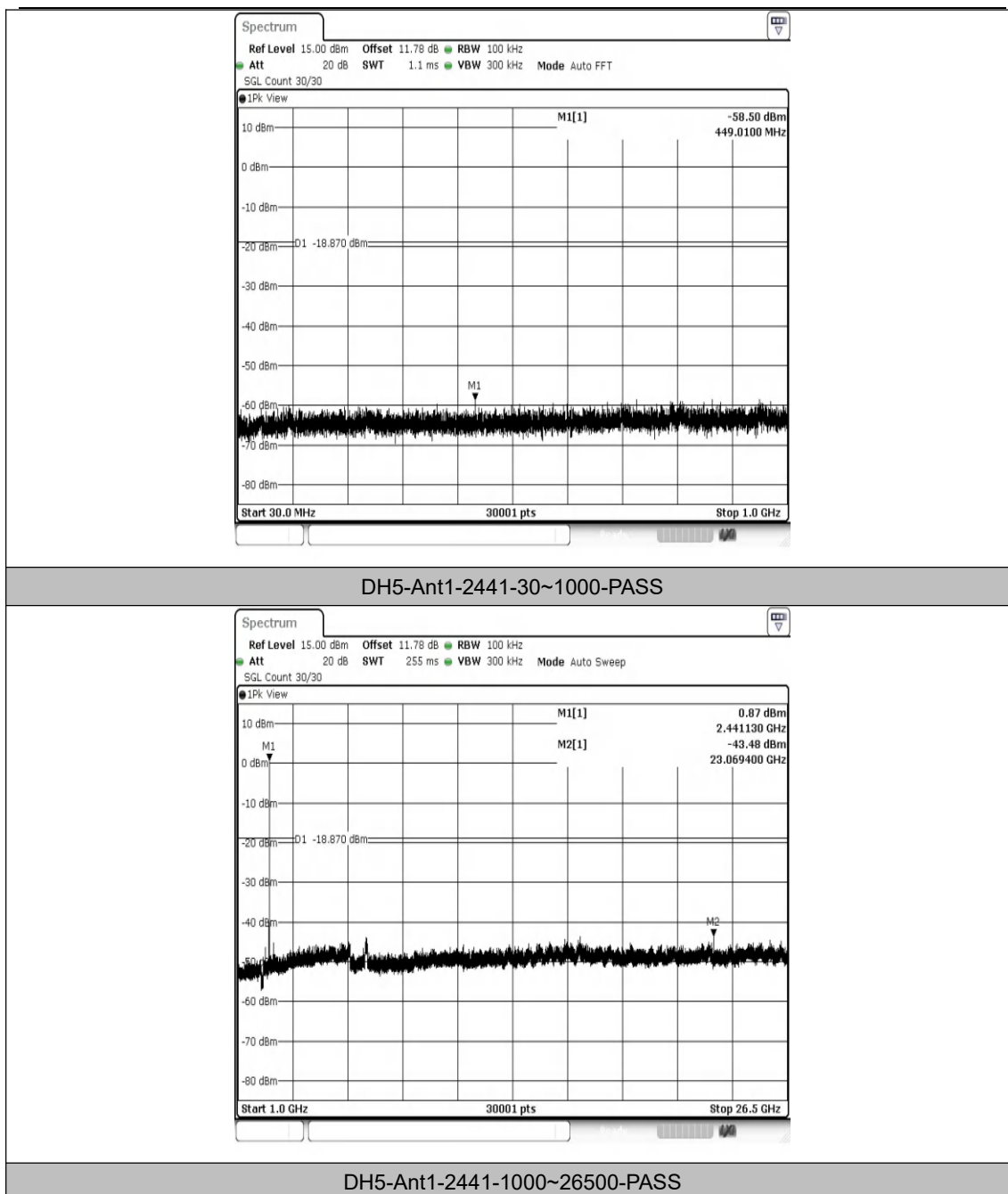
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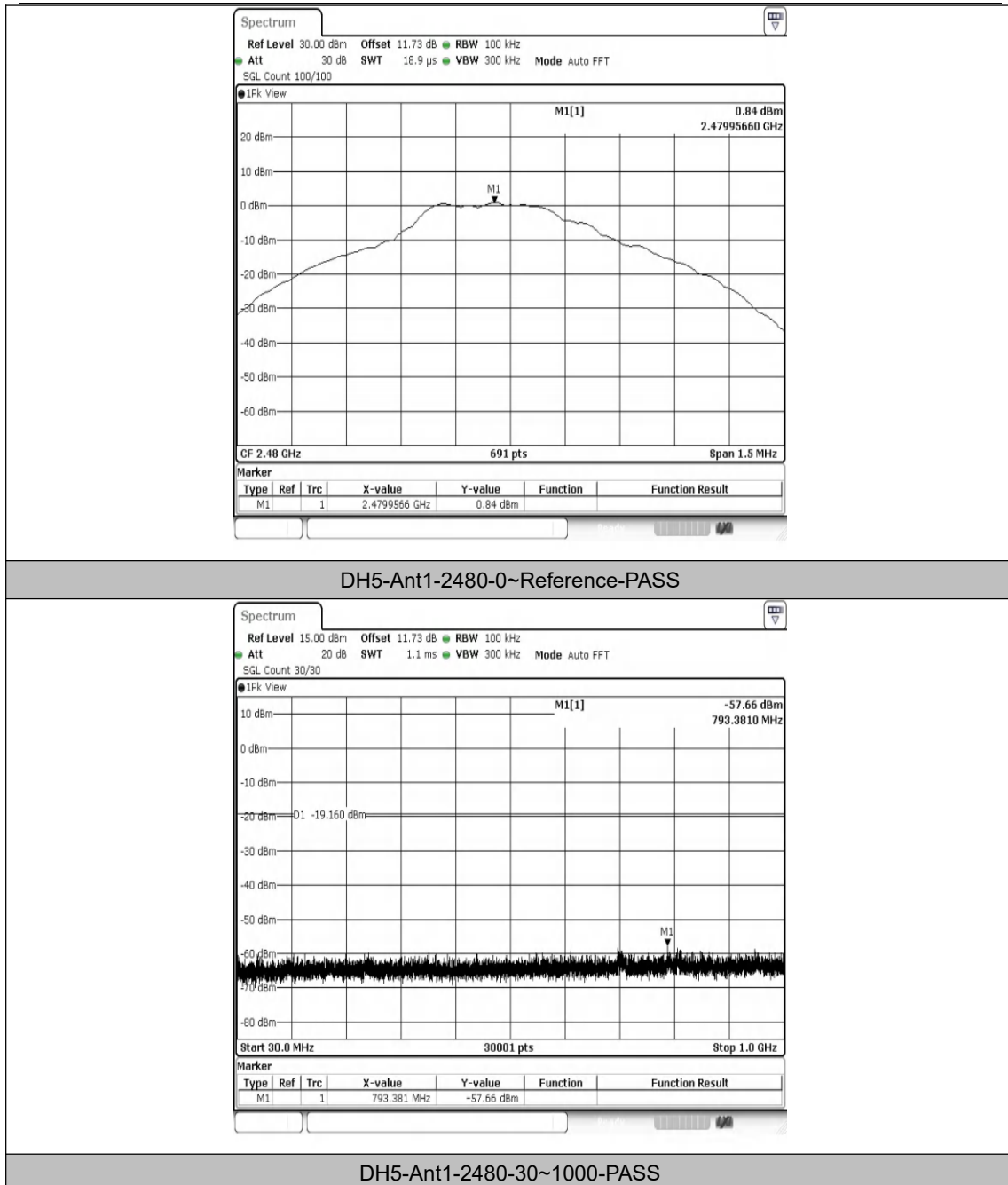
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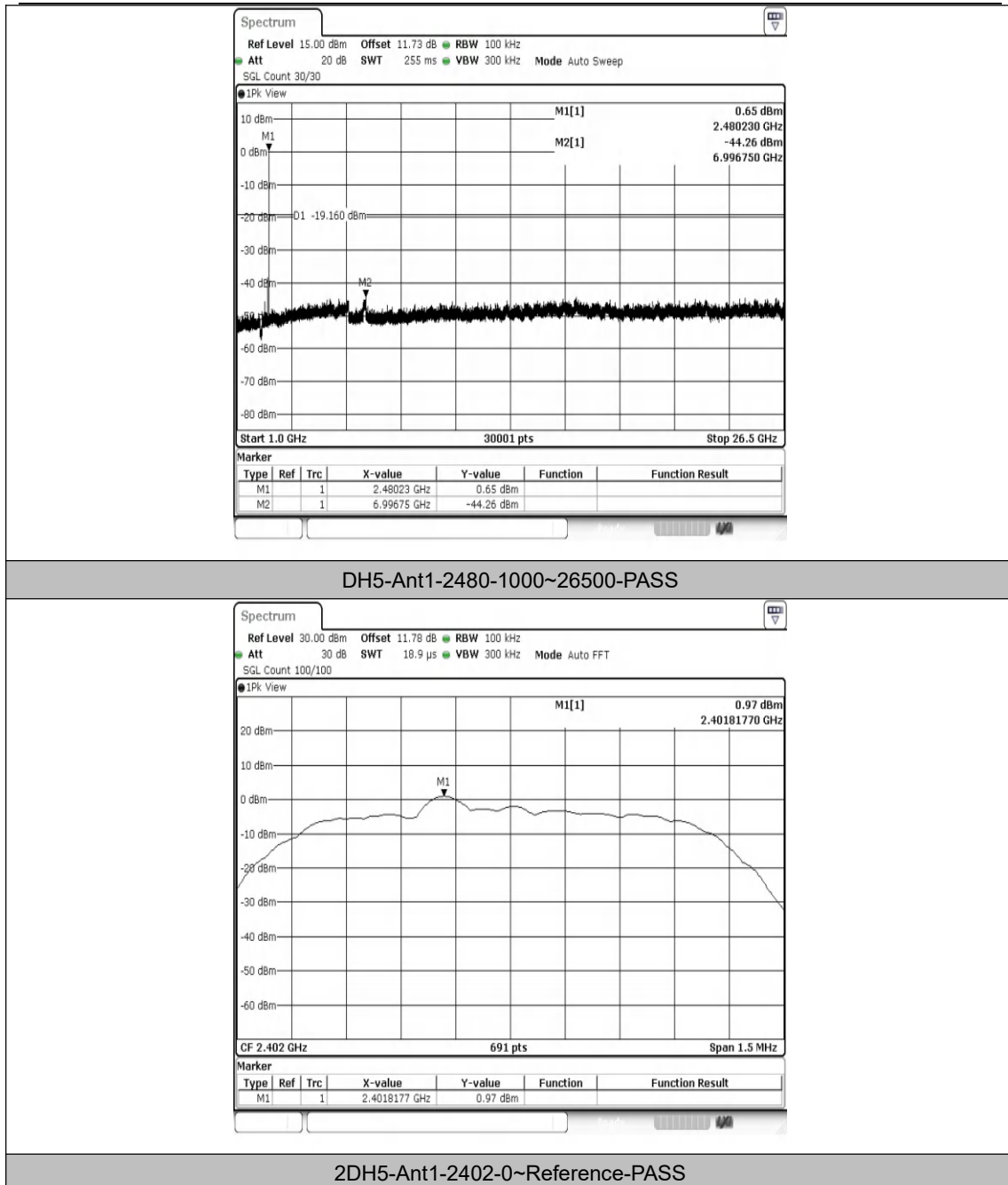


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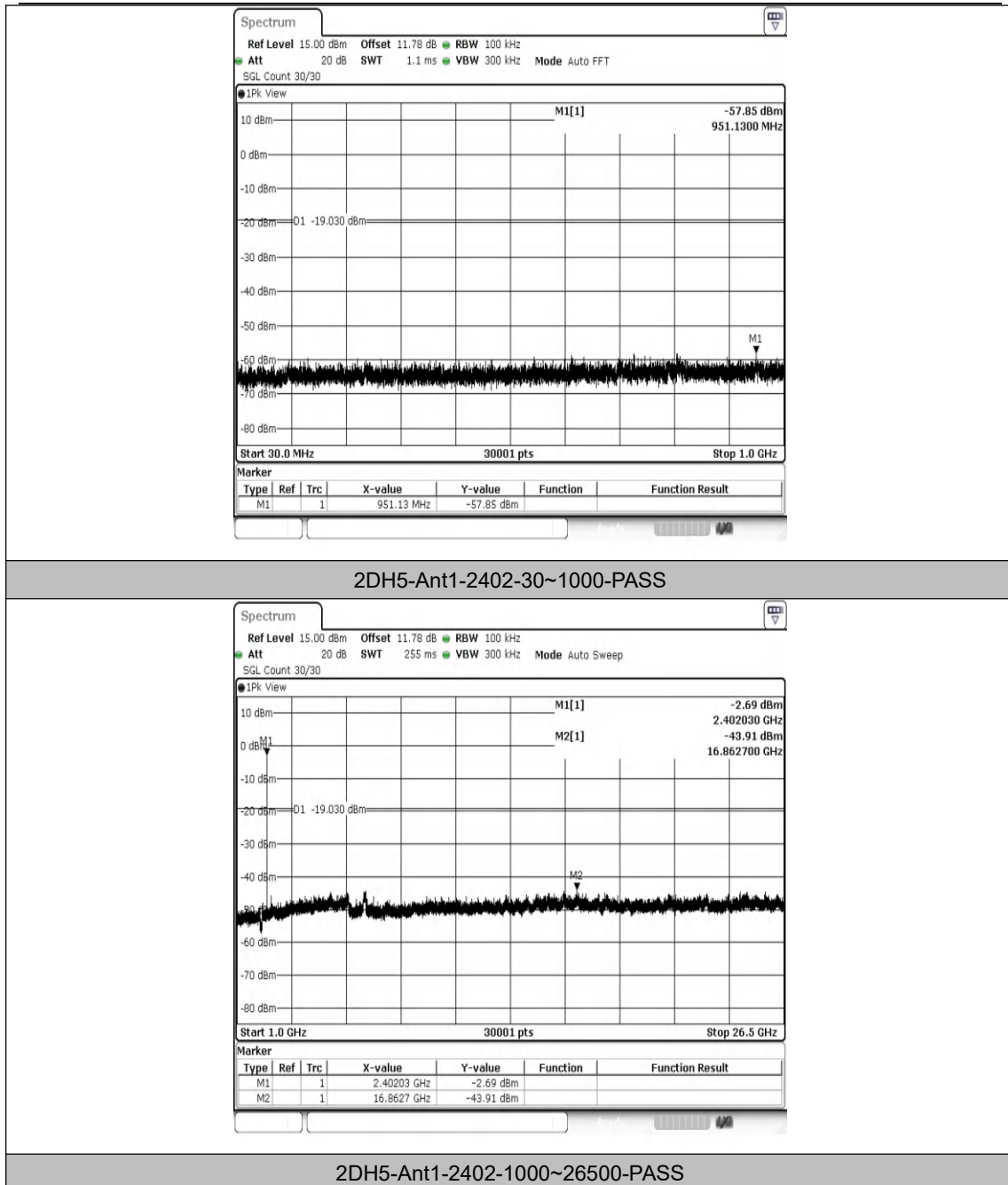




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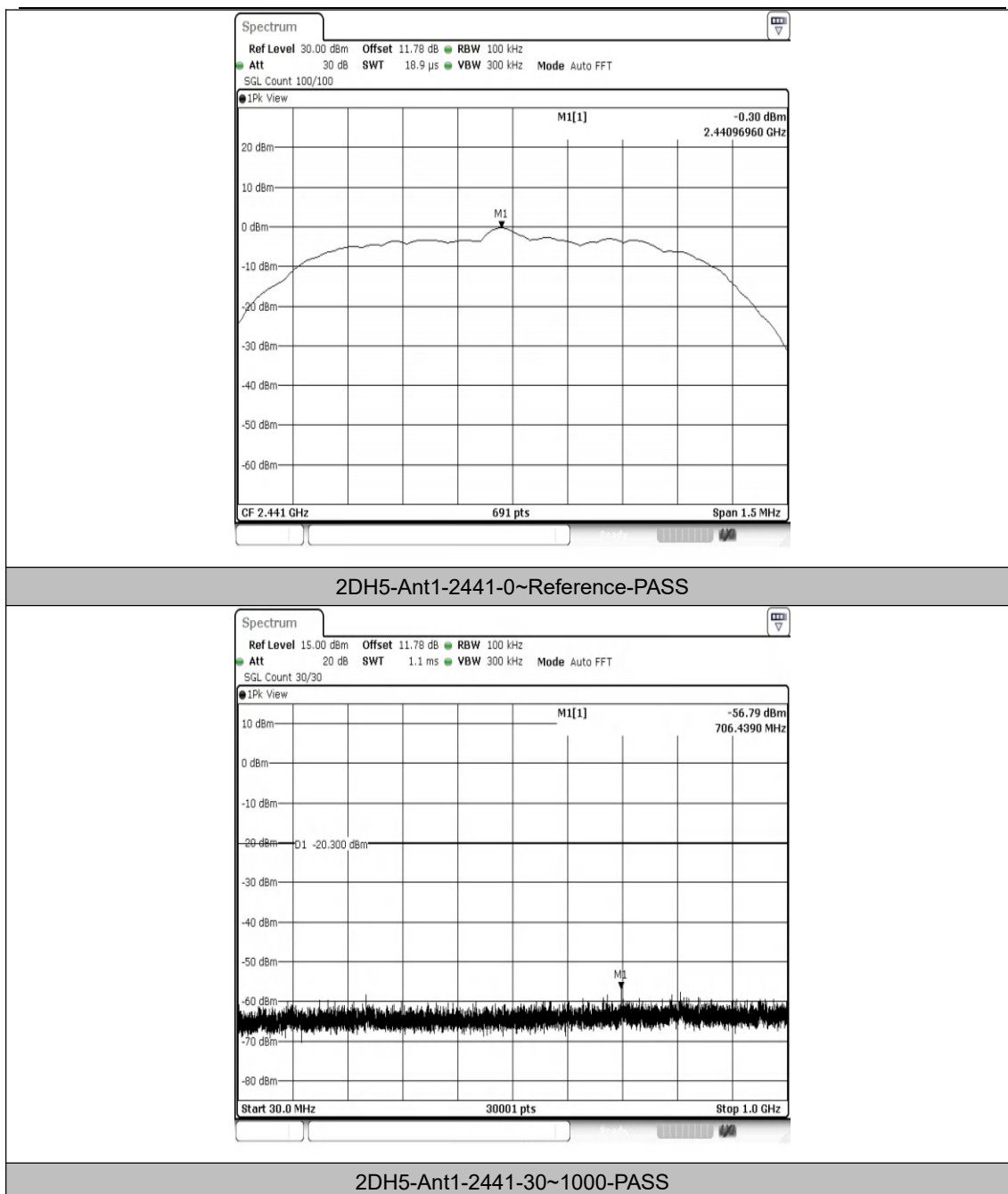
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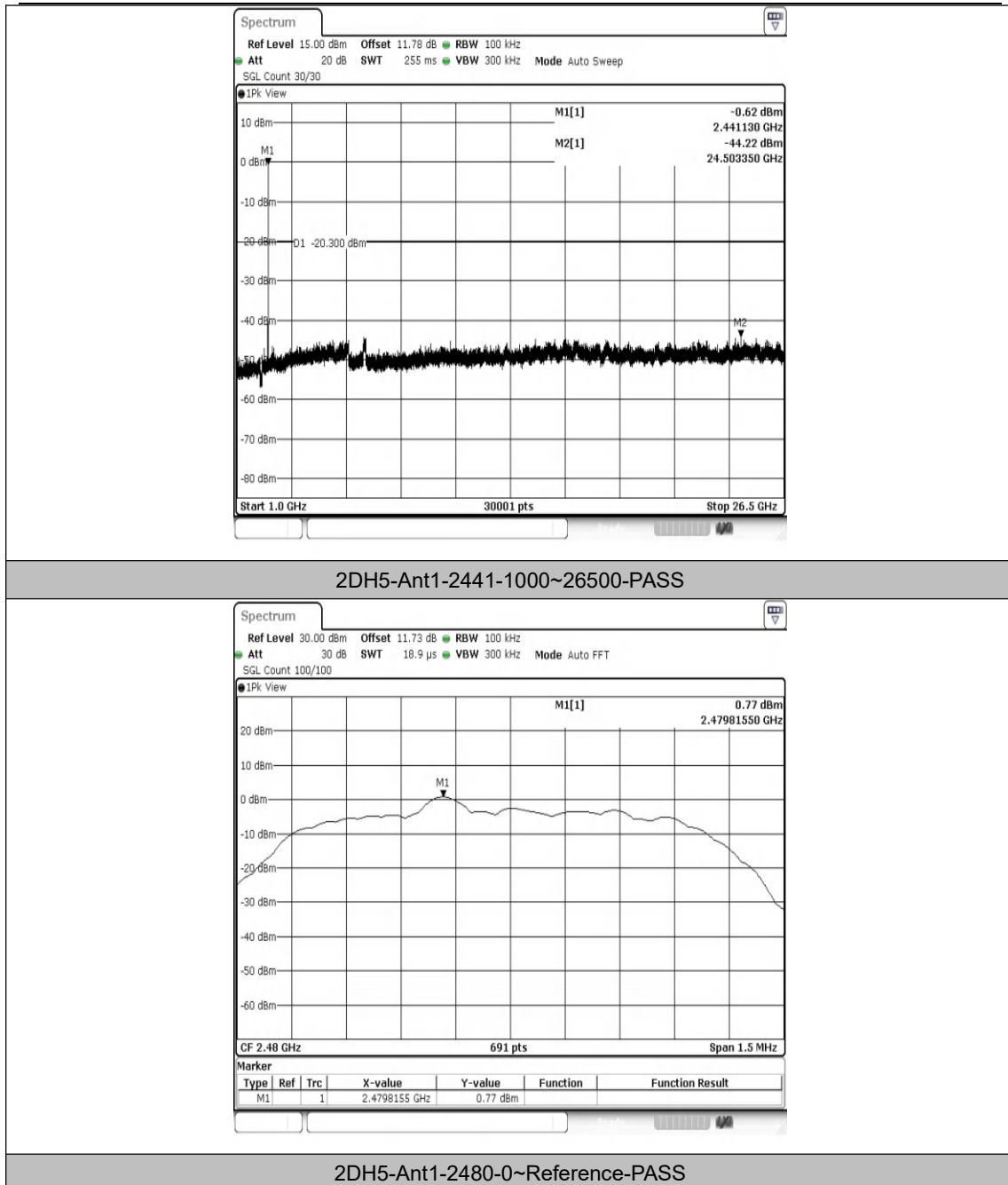
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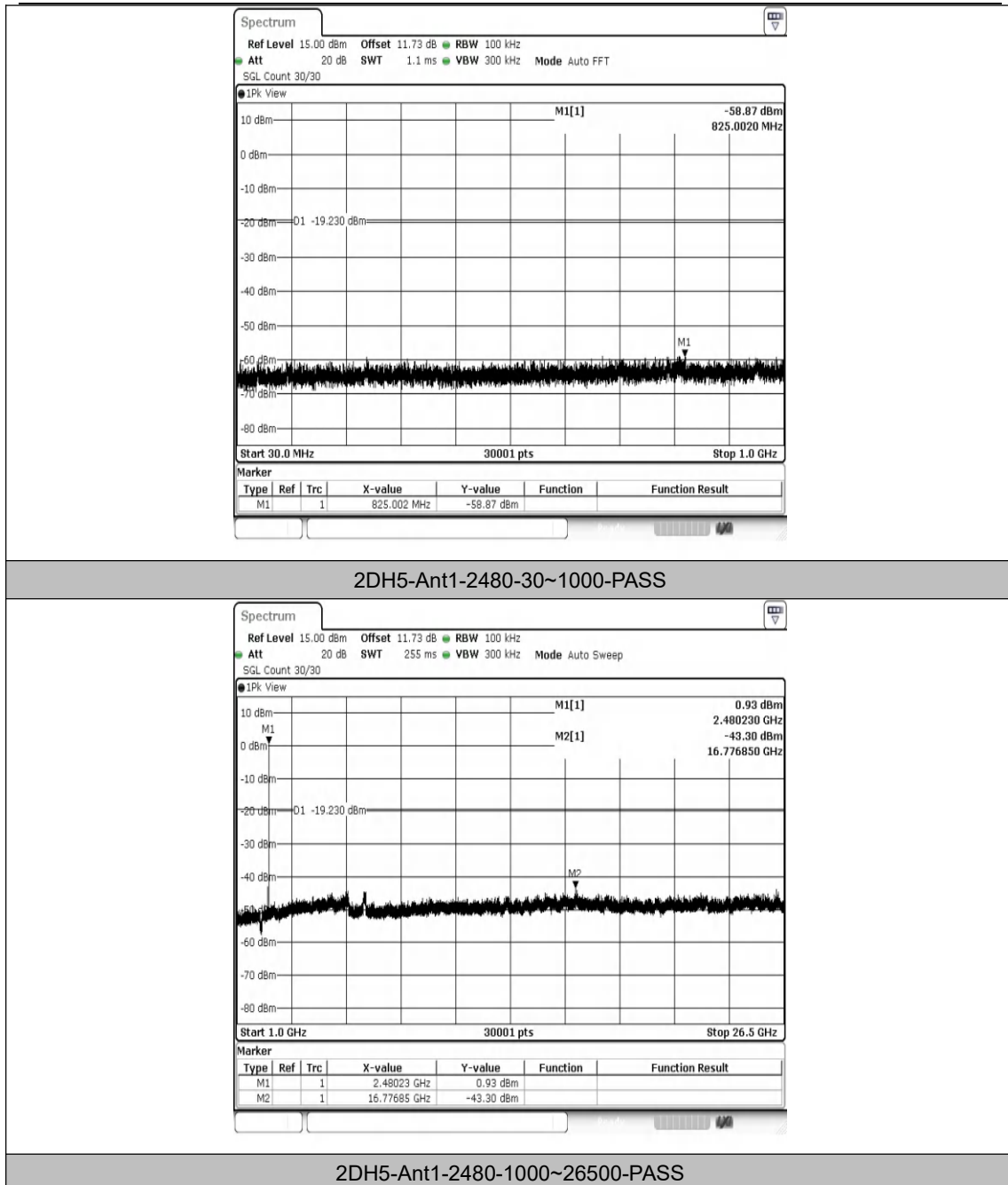


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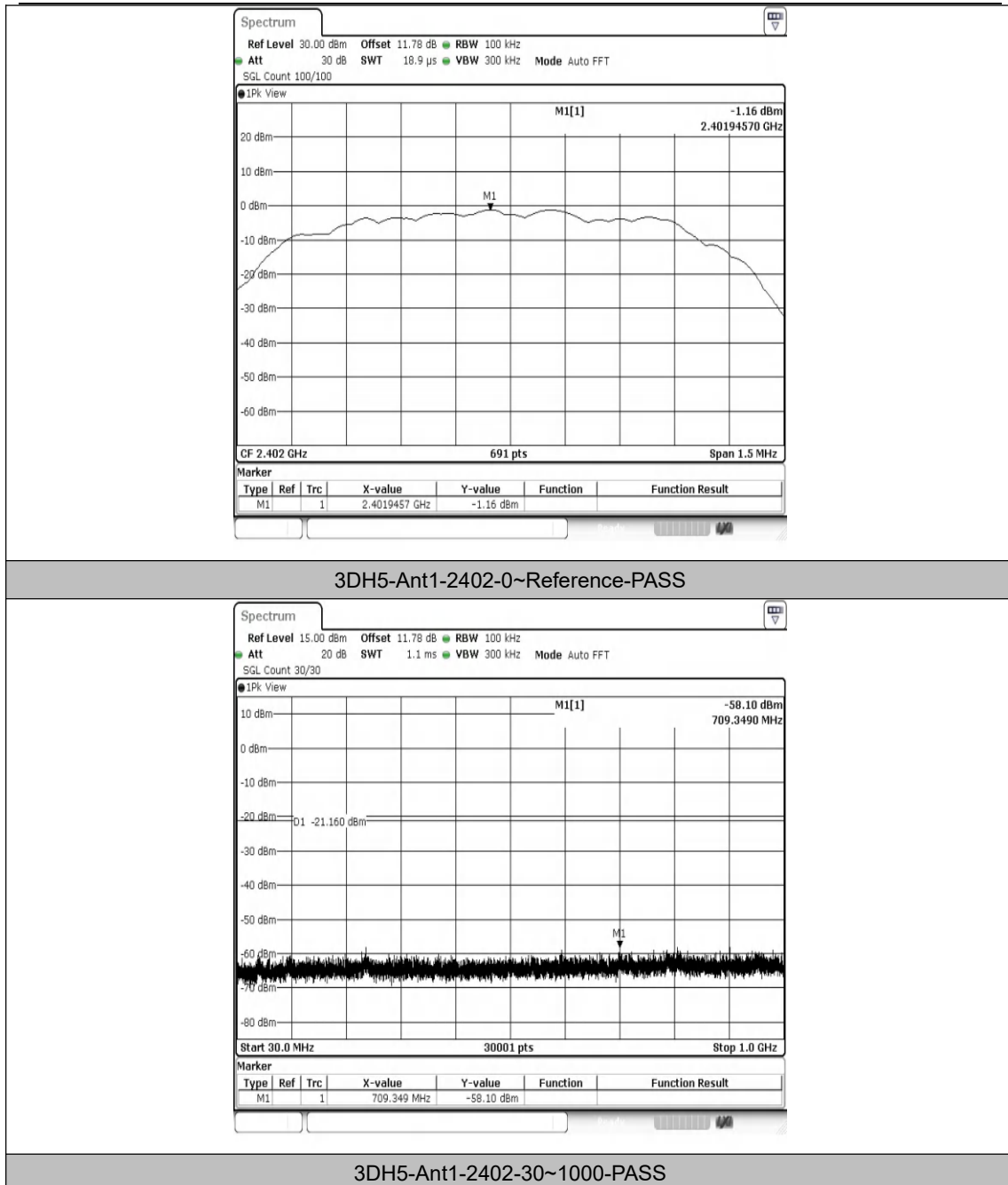




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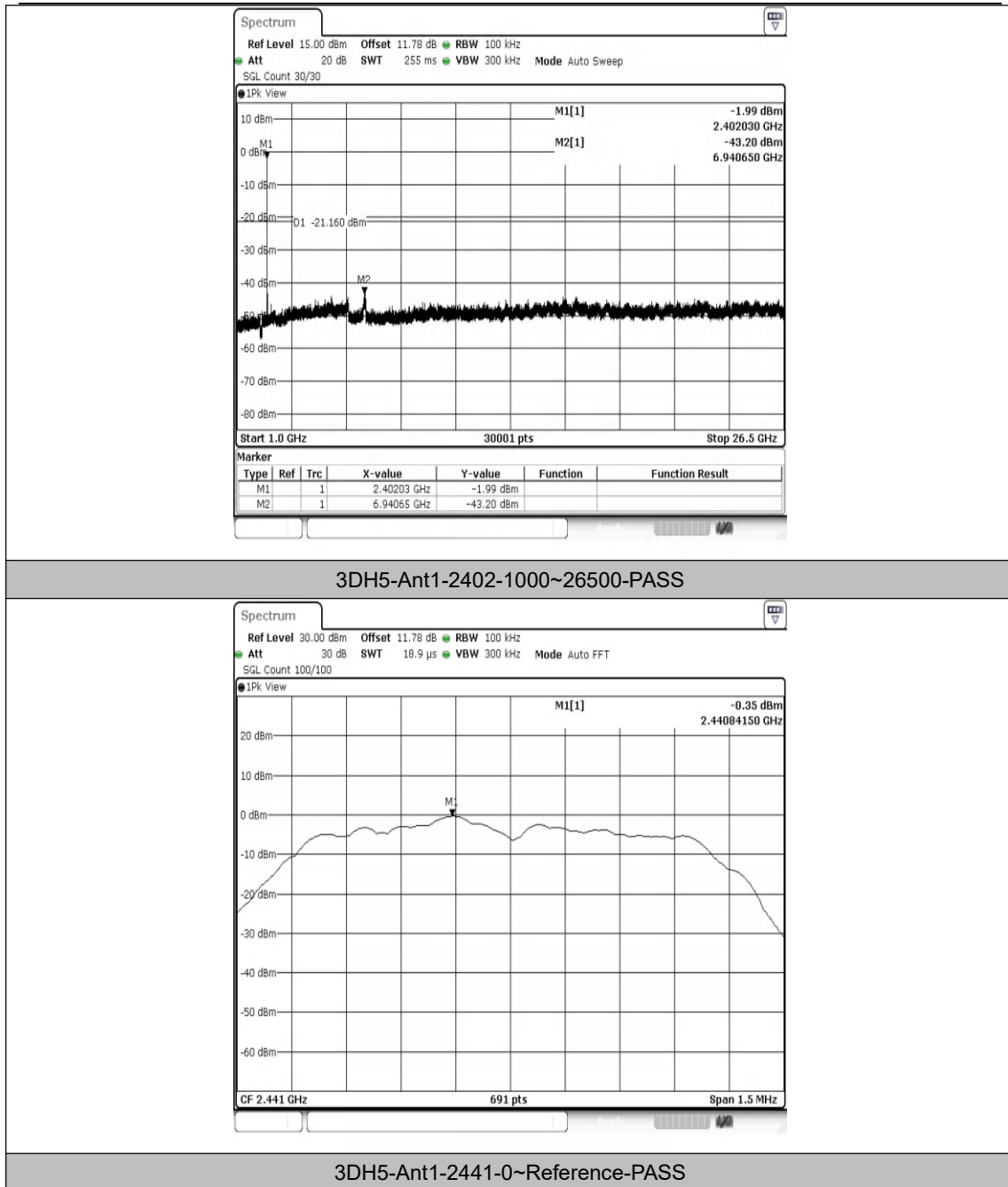
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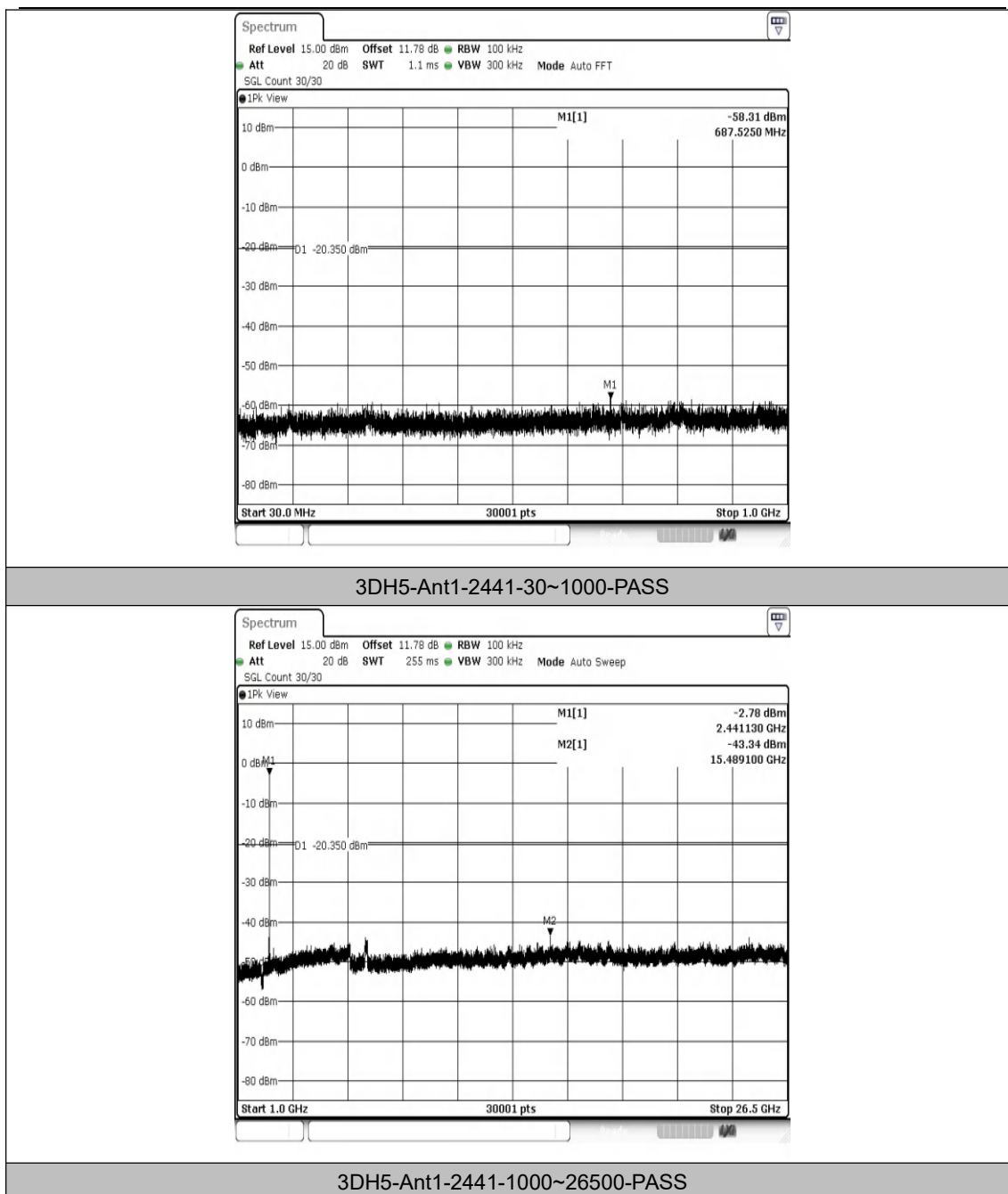
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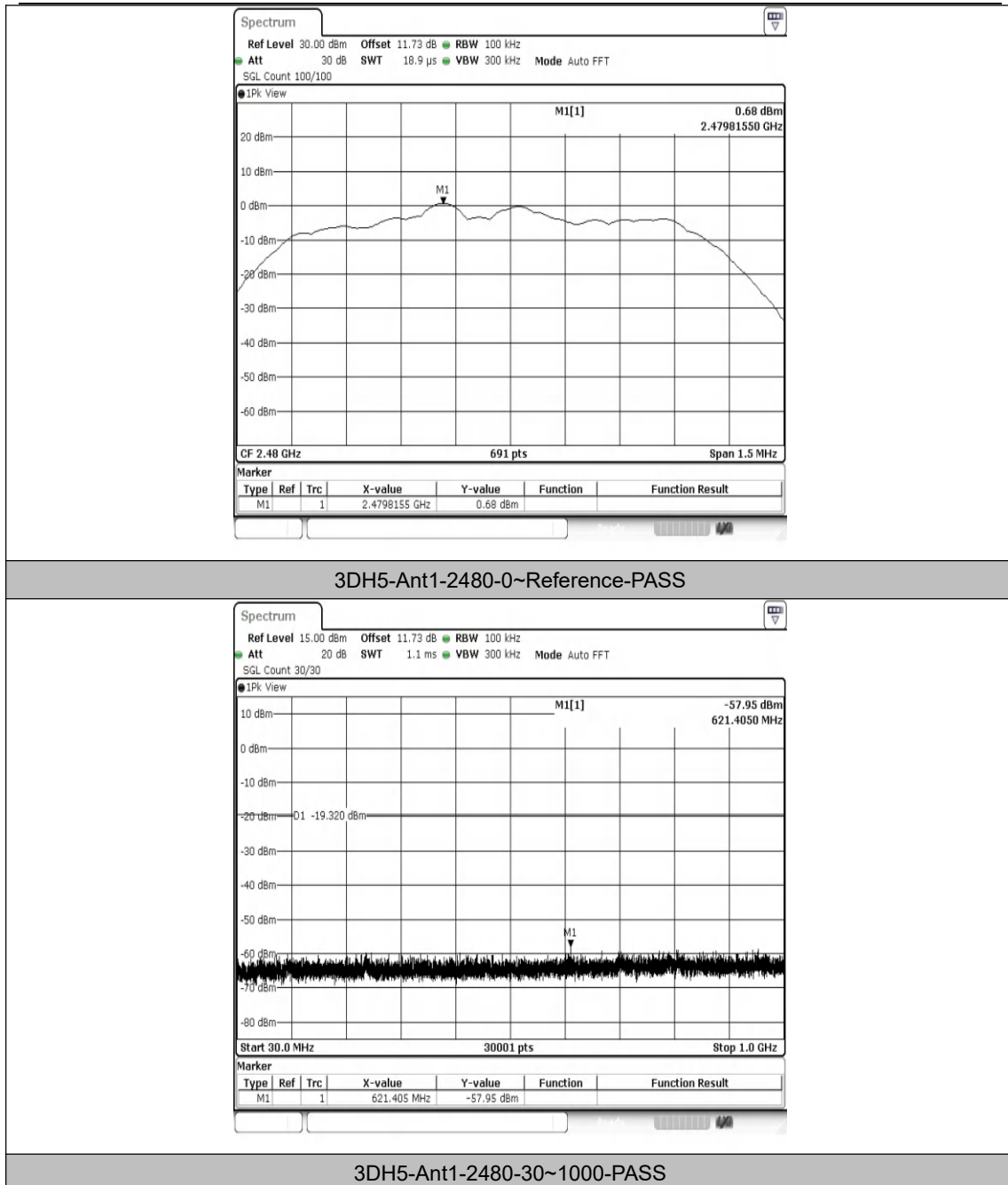


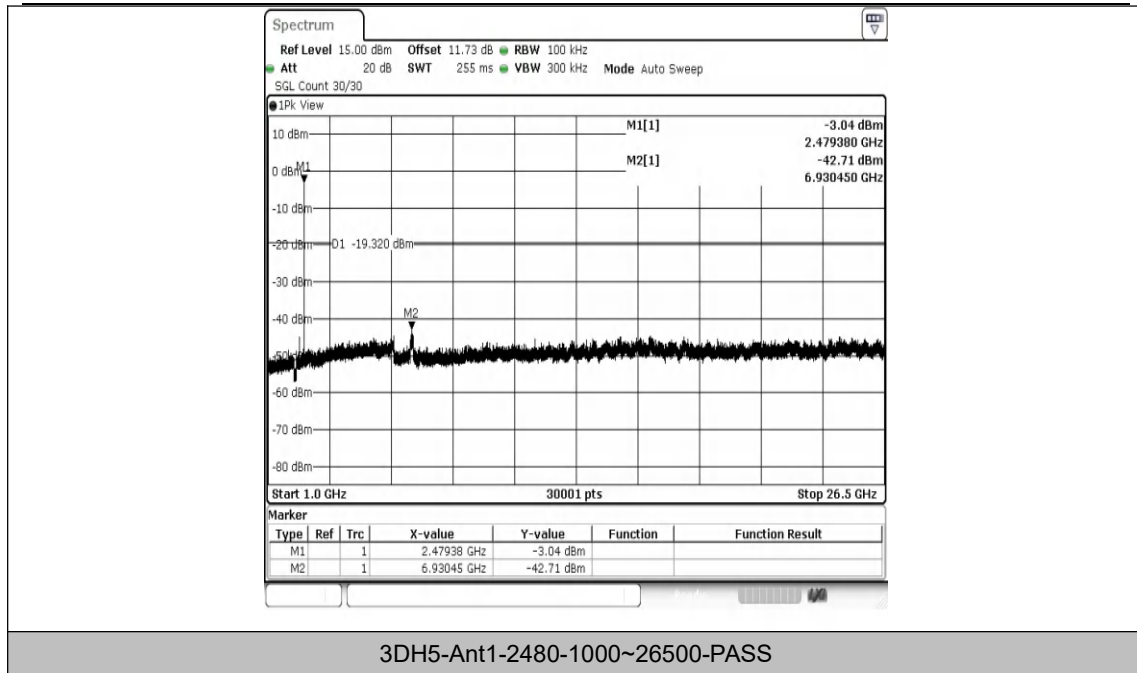
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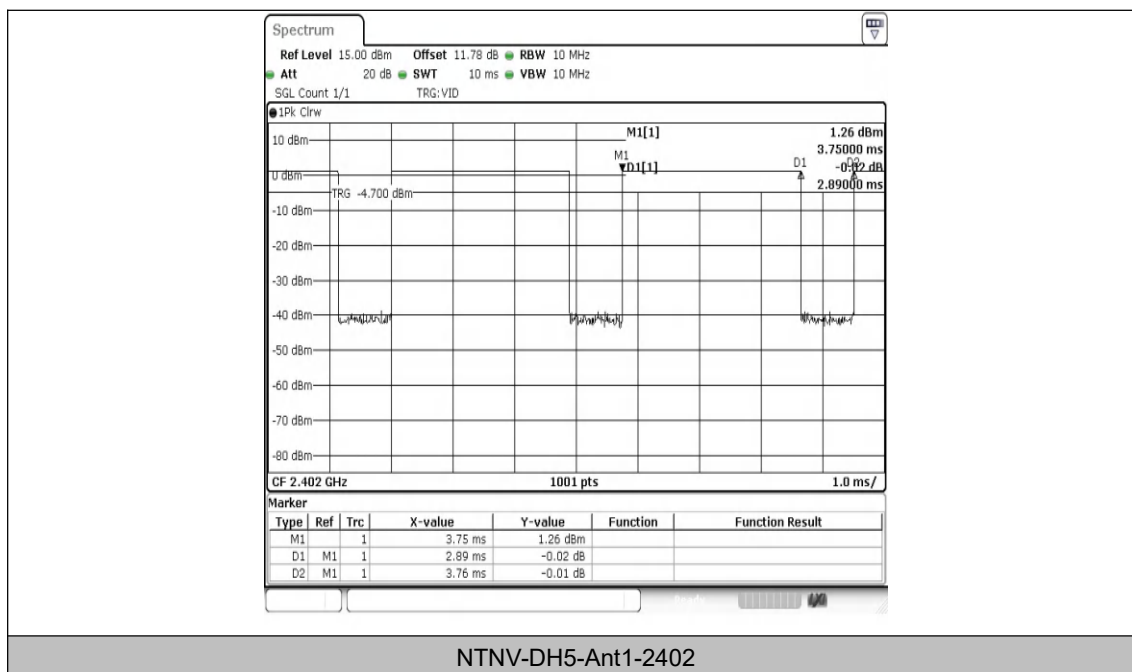
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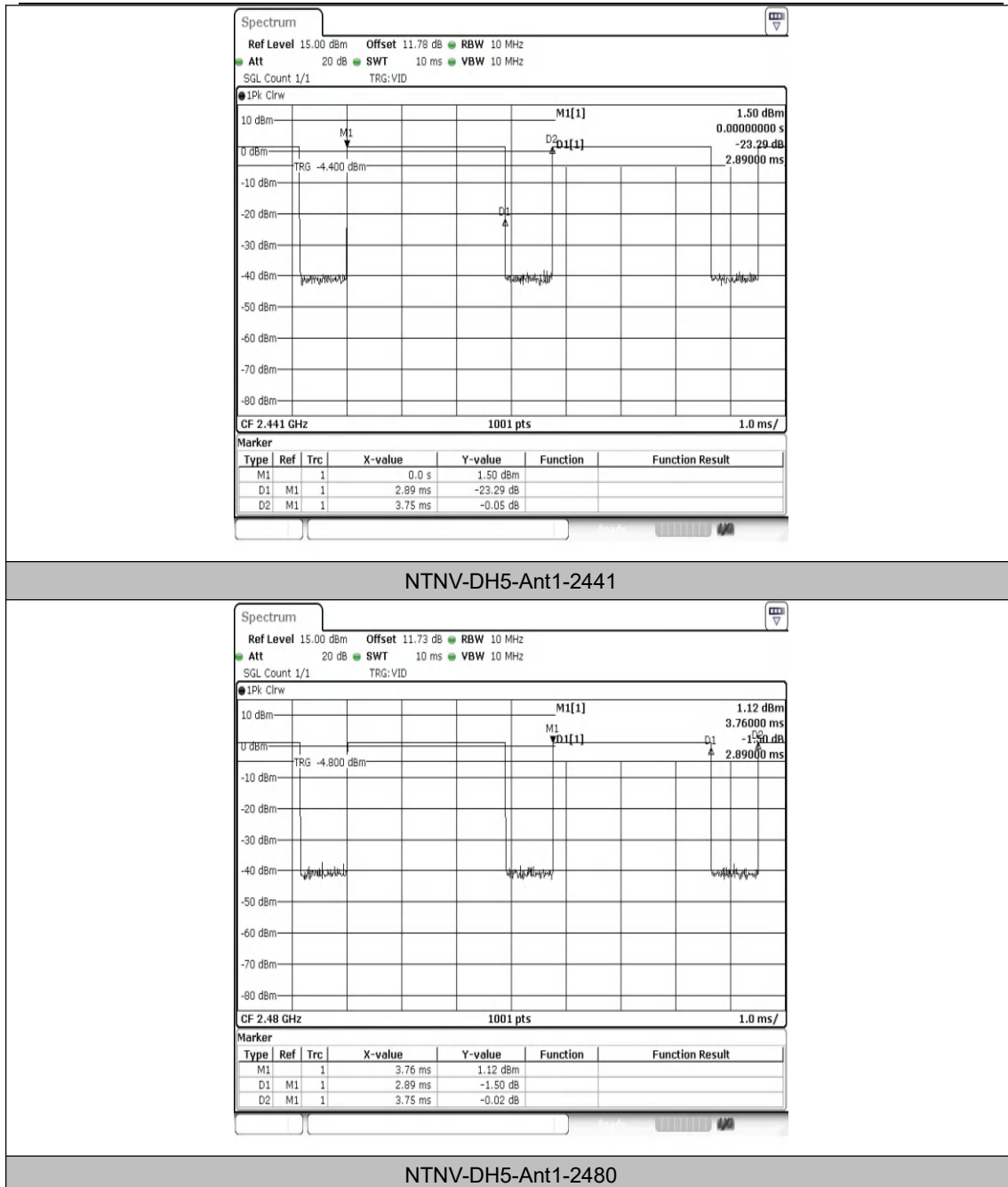
Appendix I: Duty Cycle

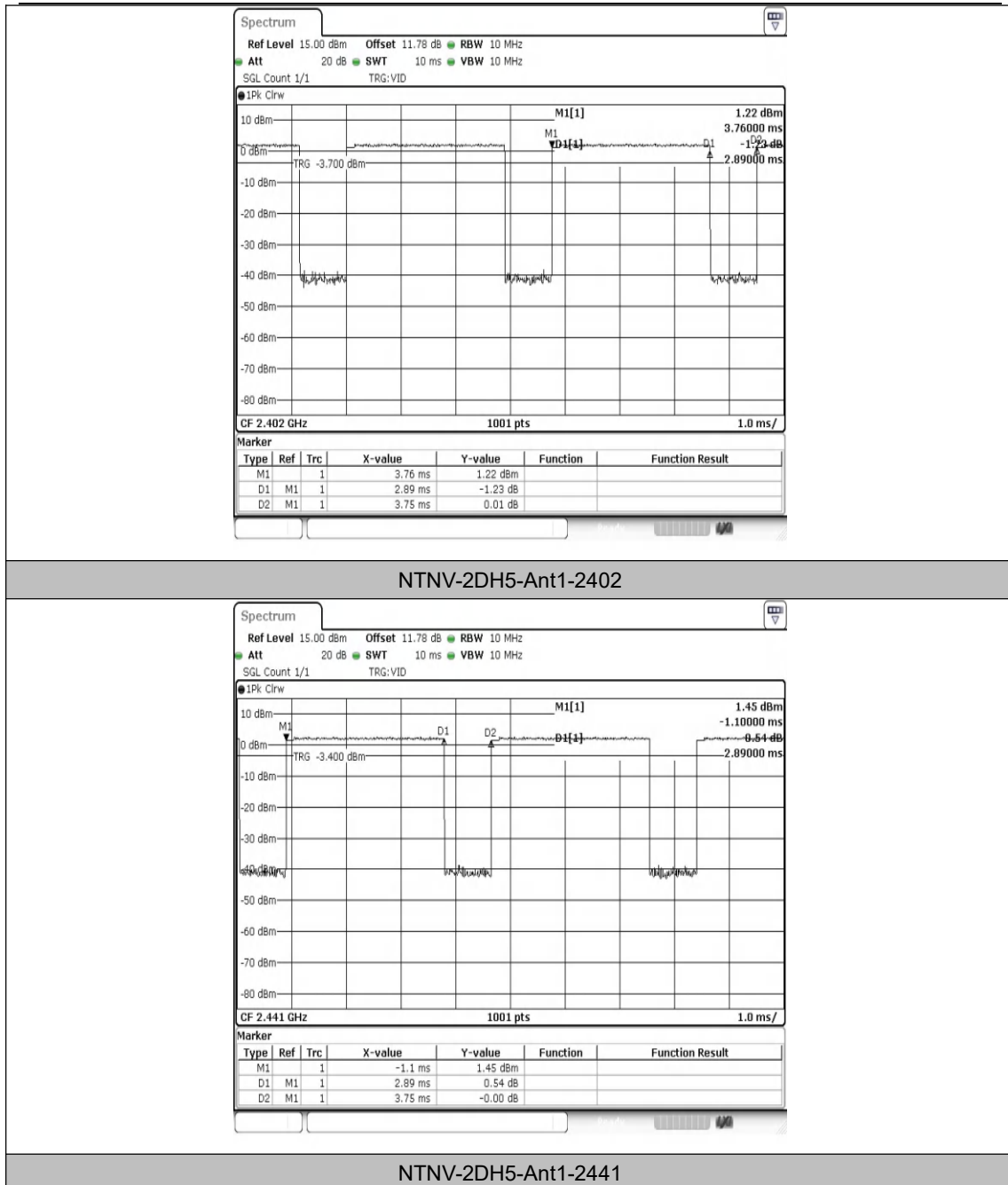
Test Result

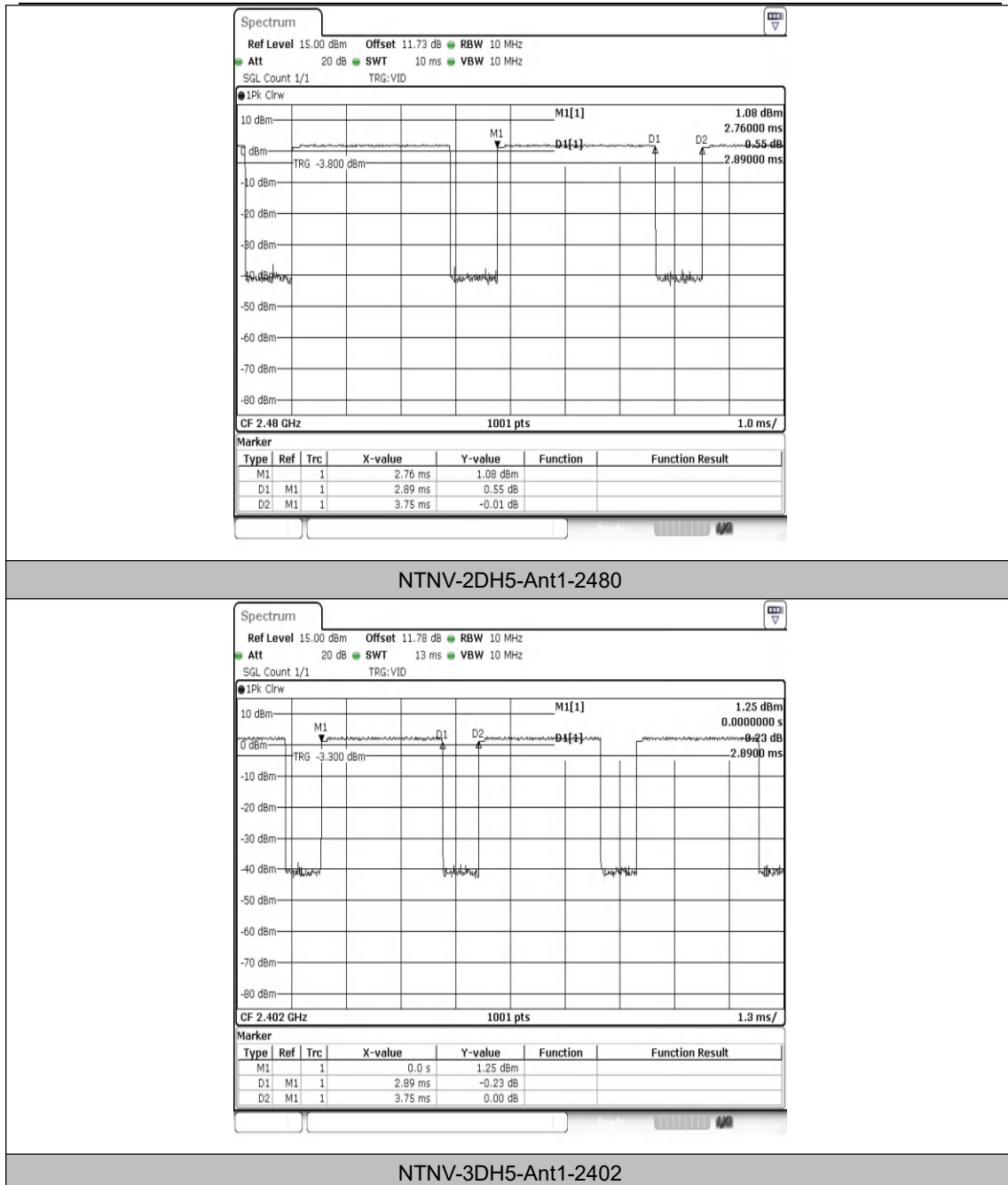
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.89	3.76	76.86	1.14
DH5	Ant1	2441	2.89	3.75	77.07	1.13
DH5	Ant1	2480	2.89	3.75	77.07	1.13
2DH5	Ant1	2402	2.89	3.75	77.07	1.13
2DH5	Ant1	2441	2.89	3.75	77.07	1.13
2DH5	Ant1	2480	2.89	3.75	77.07	1.13
3DH5	Ant1	2402	2.89	3.75	77.07	1.13
3DH5	Ant1	2441	2.90	3.76	77.13	1.13
3DH5	Ant1	2480	2.90	3.76	77.13	1.13

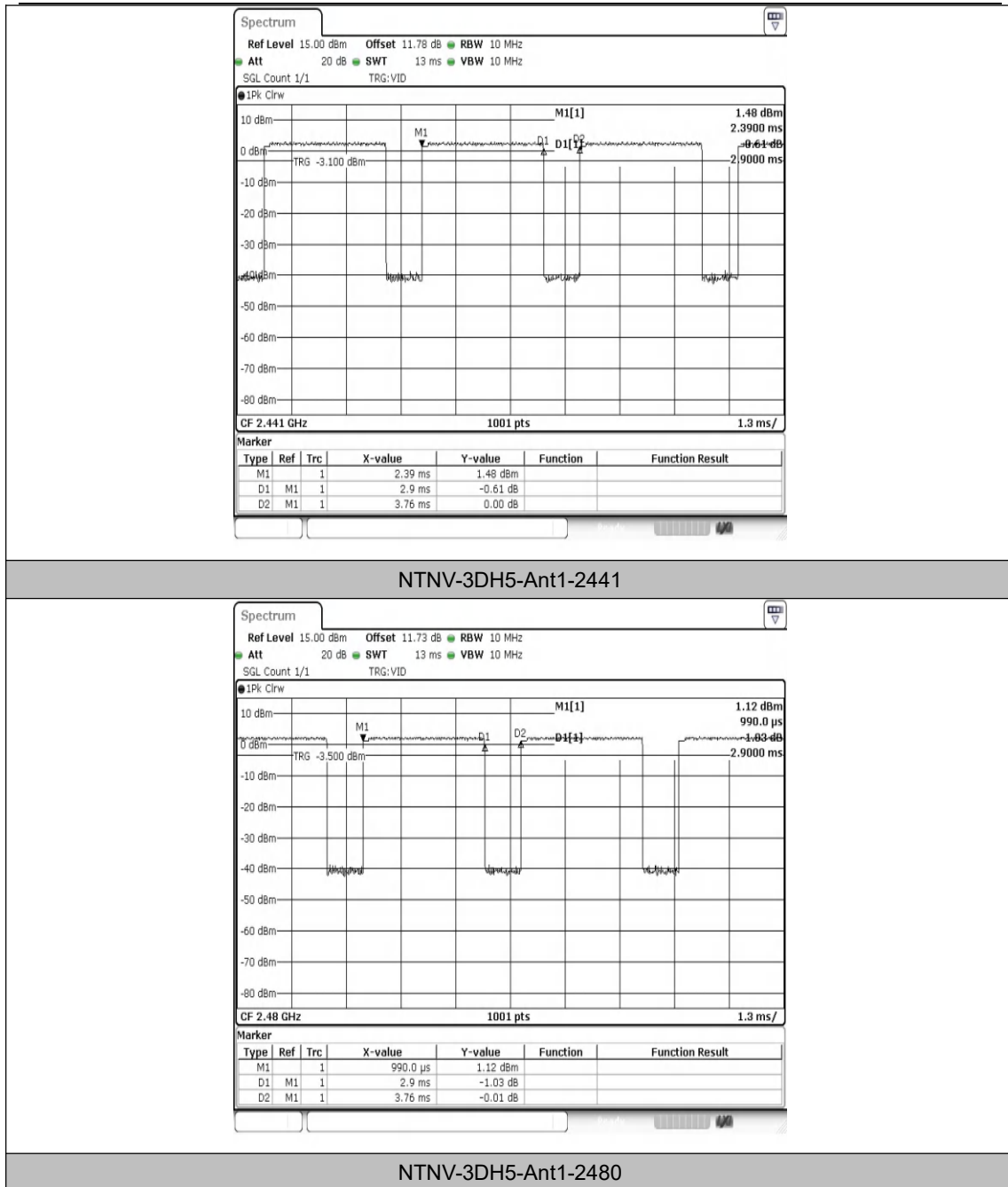
Test Graphs











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