

Appendix Test Data

Report No.:	1819C50036412501	Test Sample No.:	1-2-2
Start Test Date:	2025.4.8	Finish Test Date:	2025.4.12
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	24.5°C	Relative Humidity:	63%
Pressure:	101kPa		

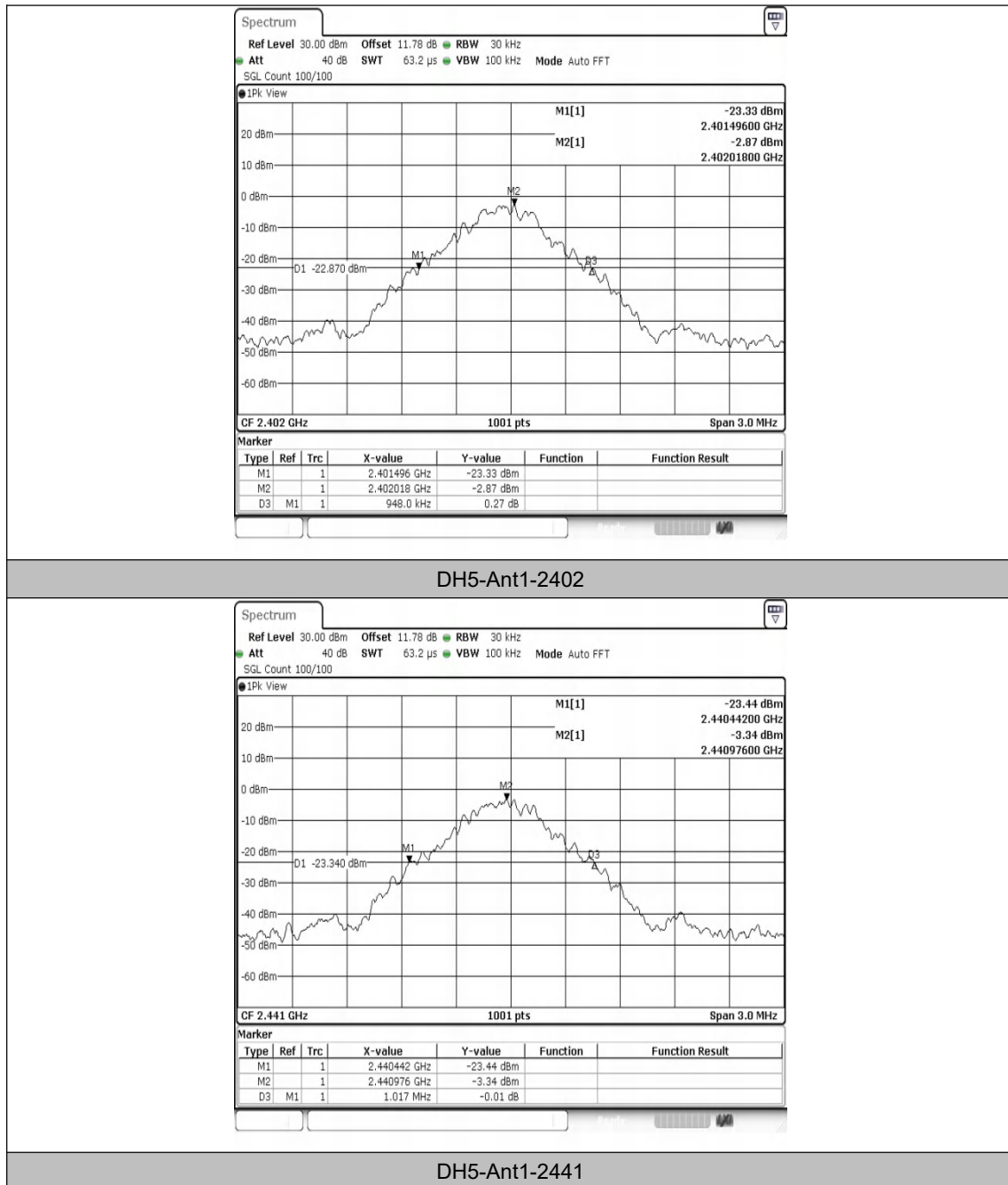
Appendix A: 20dB Bandwidth

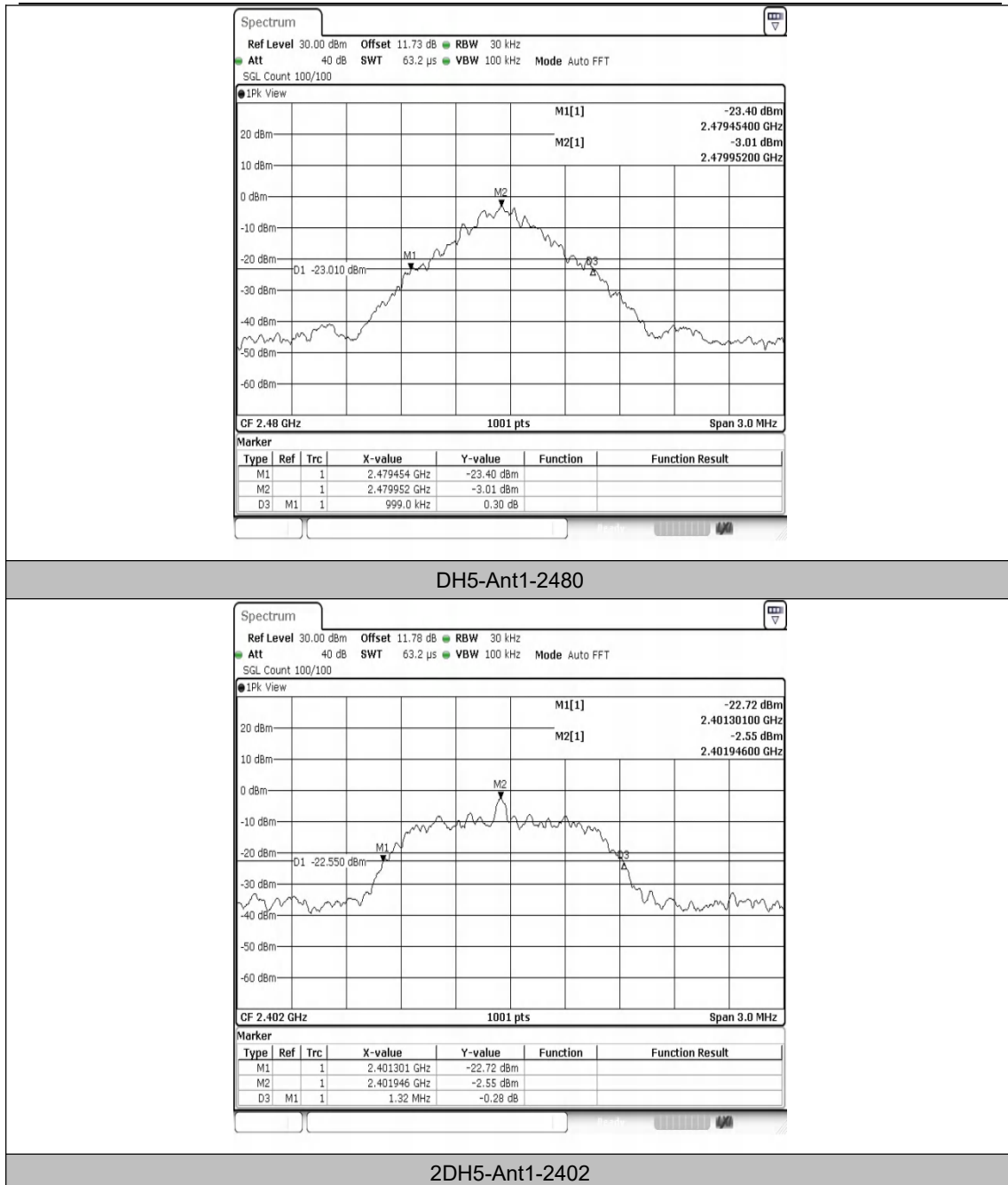
Test Result

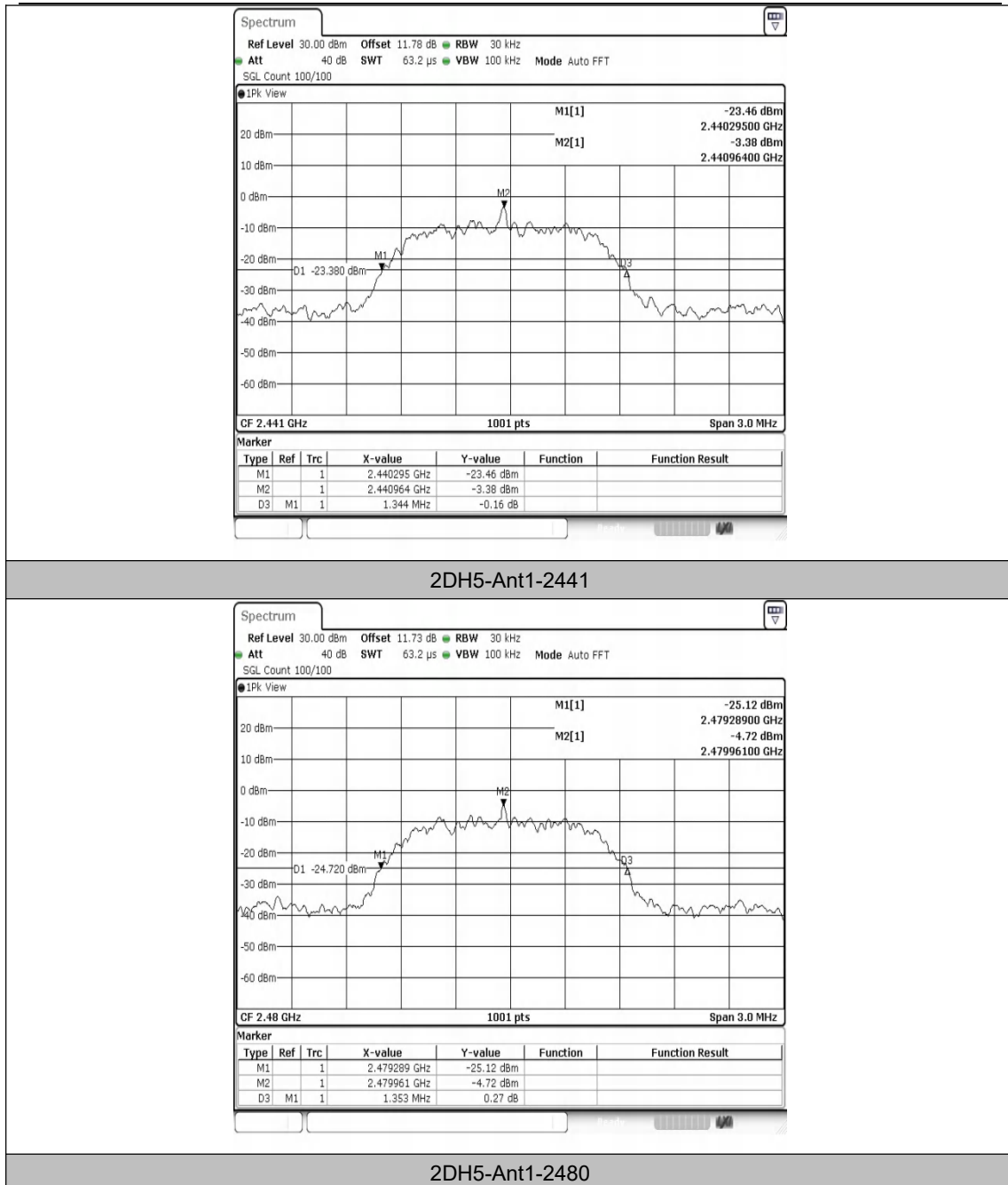
Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.95	2401.50	2402.44	---	---
DH5	Ant1	2441	1.02	2440.44	2441.46	---	---
DH5	Ant1	2480	1.00	2479.45	2480.45	---	---
2DH5	Ant1	2402	1.32	2401.30	2402.62	---	---
2DH5	Ant1	2441	1.34	2440.30	2441.64	---	---
2DH5	Ant1	2480	1.35	2479.29	2480.64	---	---
3DH5	Ant1	2402	1.30	2401.29	2402.59	---	---
3DH5	Ant1	2441	1.35	2440.28	2441.63	---	---
3DH5	Ant1	2480	1.33	2479.29	2480.61	---	---

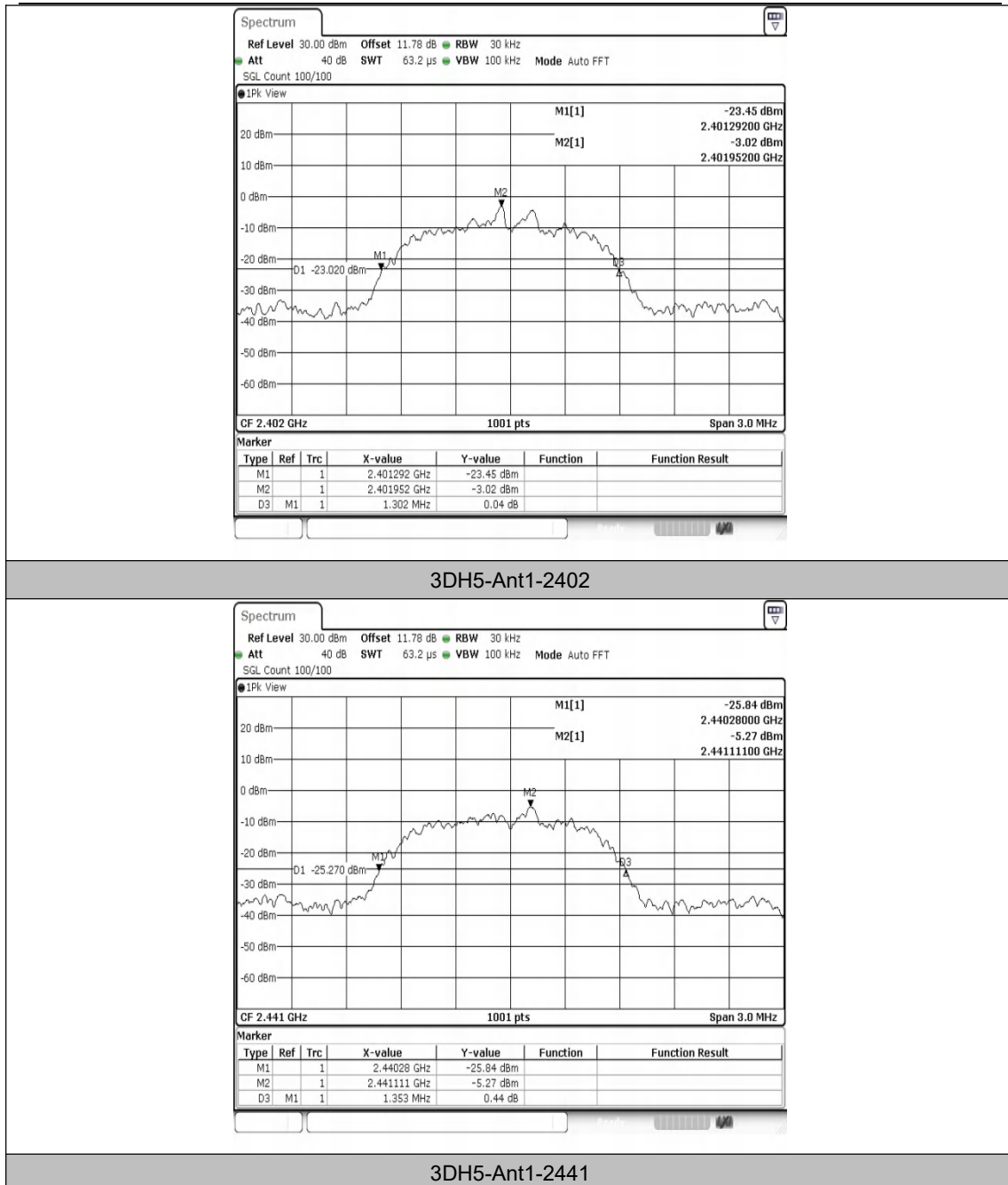


Test Graphs











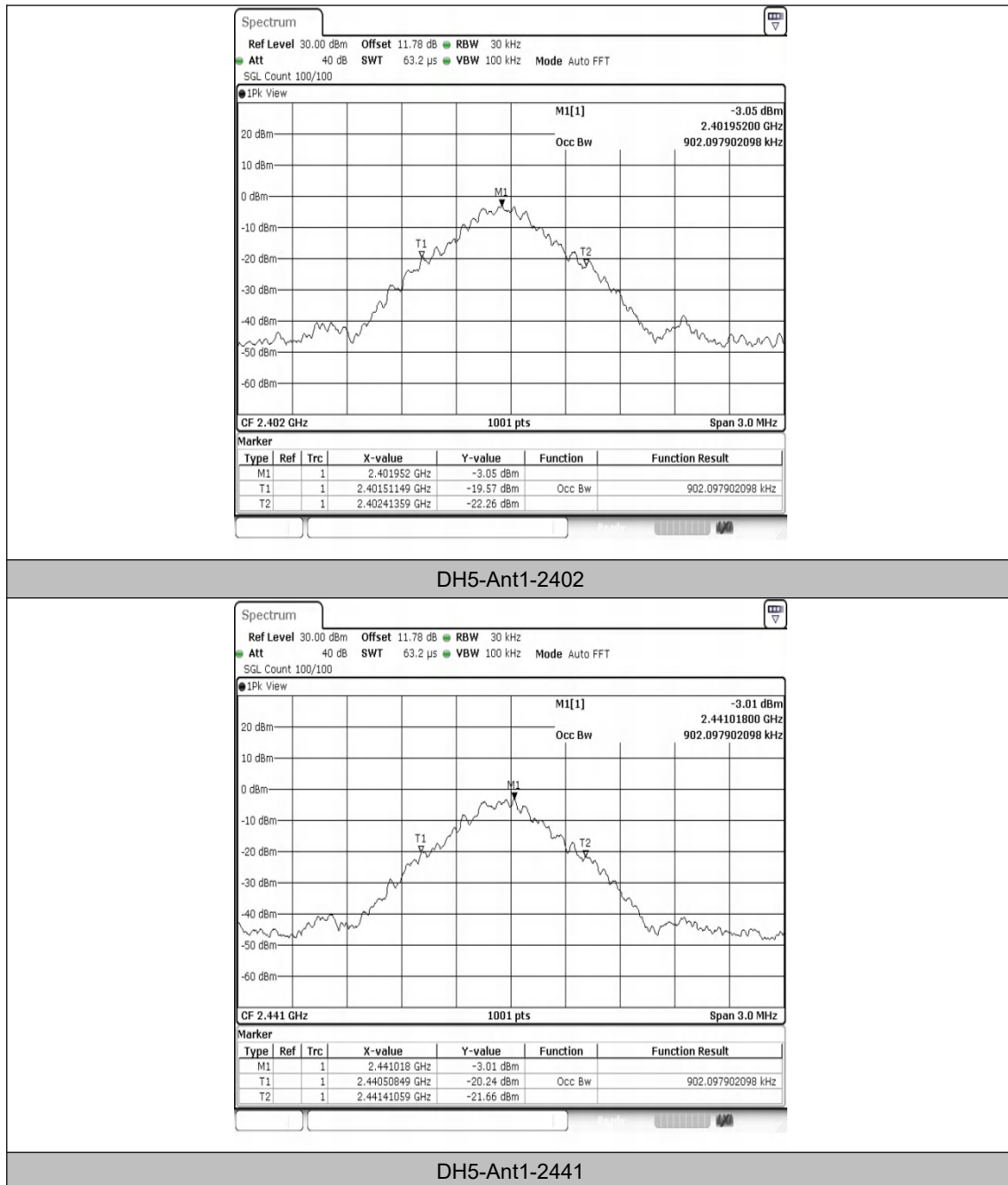
Appendix B: 99% Occupied Bandwidth

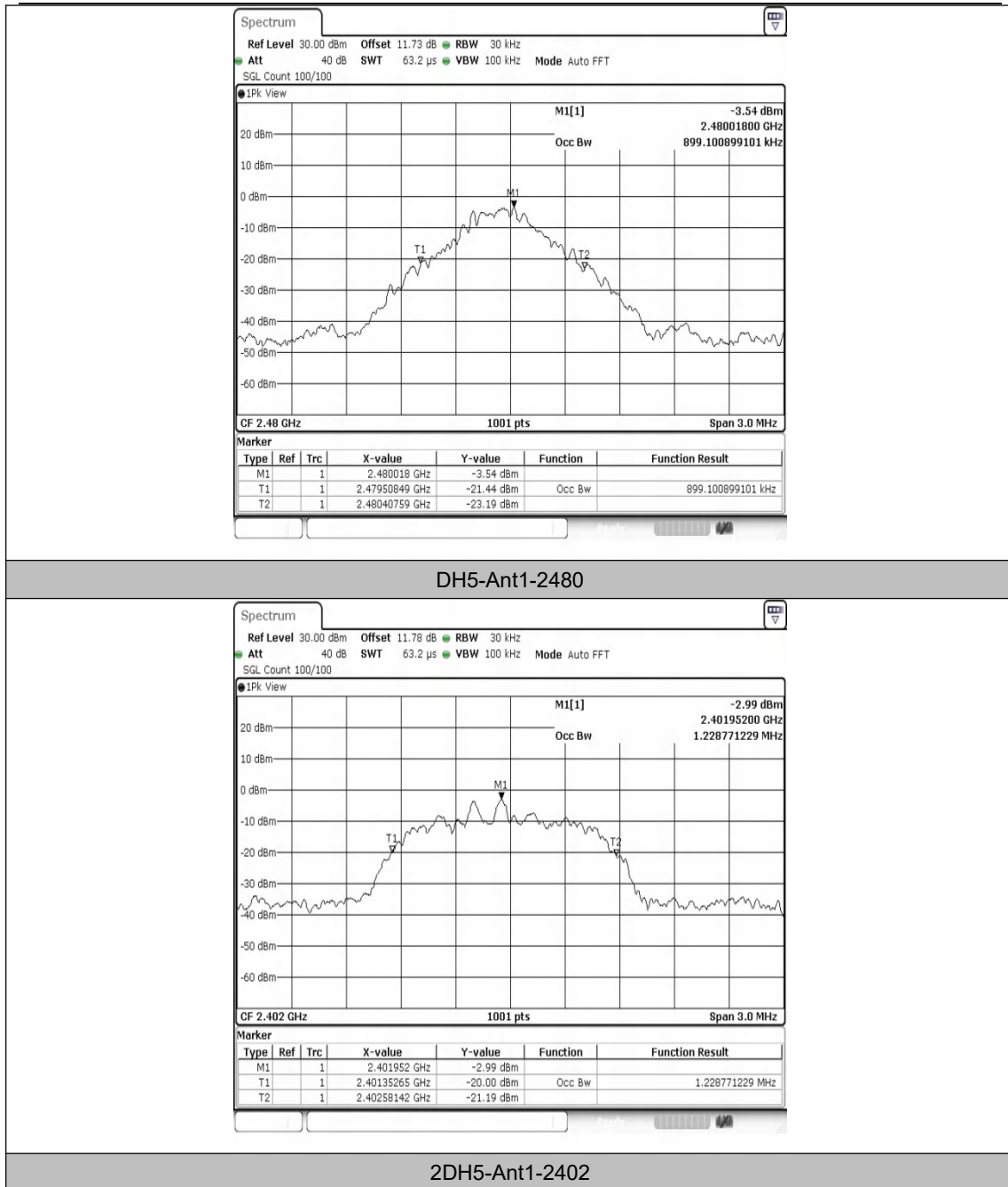
Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.902	2401.5115	2402.4136	---	---
DH5	Ant1	2441	0.902	2440.5085	2441.4106	---	---
DH5	Ant1	2480	0.899	2479.5085	2480.4076	---	---
2DH5	Ant1	2402	1.229	2401.3526	2402.5814	---	---
2DH5	Ant1	2441	1.244	2440.3437	2441.5874	---	---
2DH5	Ant1	2480	1.238	2479.3437	2480.5814	---	---
3DH5	Ant1	2402	1.244	2401.3347	2402.5784	---	---
3DH5	Ant1	2441	1.235	2440.3377	2441.5724	---	---
3DH5	Ant1	2480	1.235	2479.3377	2480.5724	---	---



Test Graphs

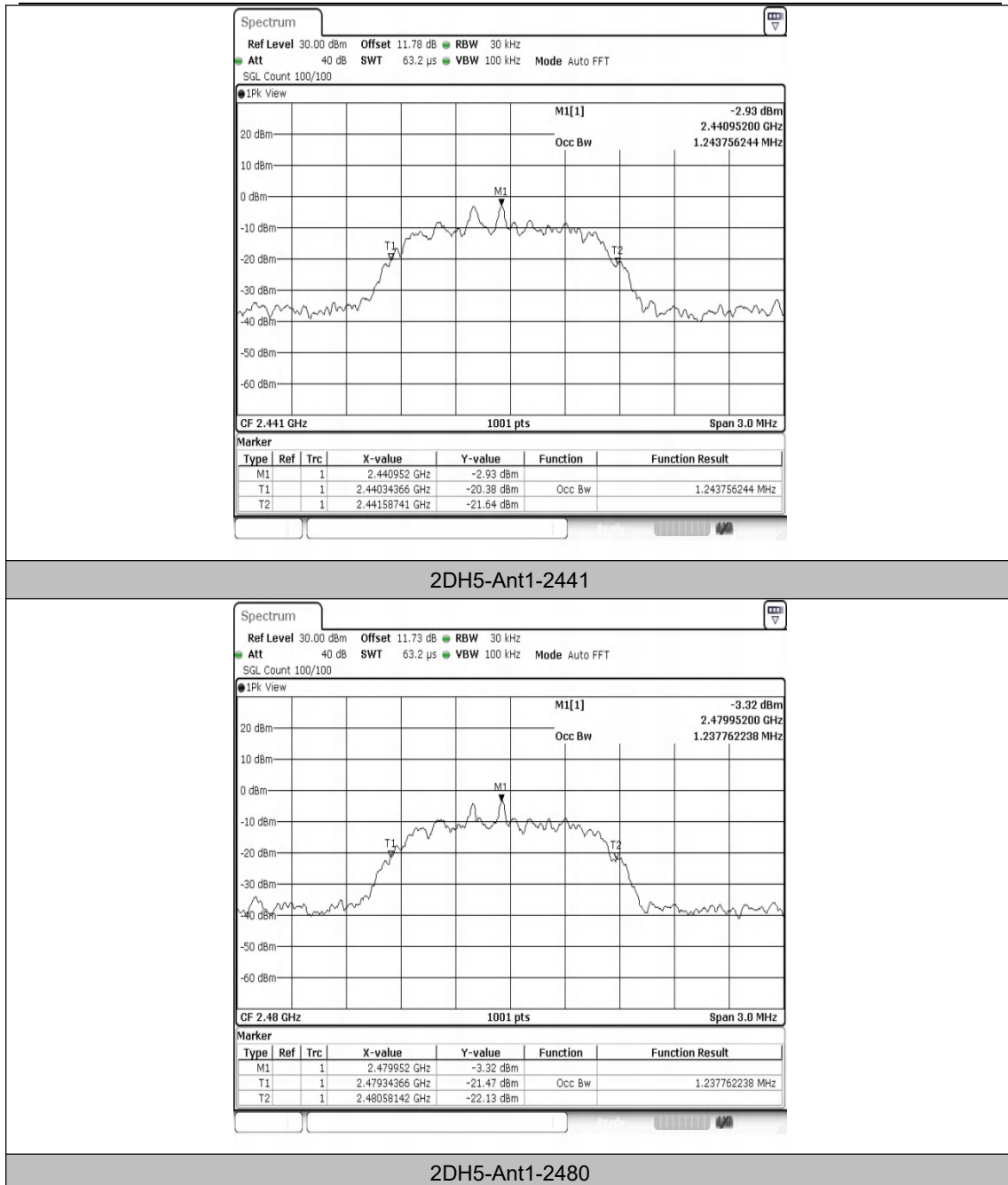


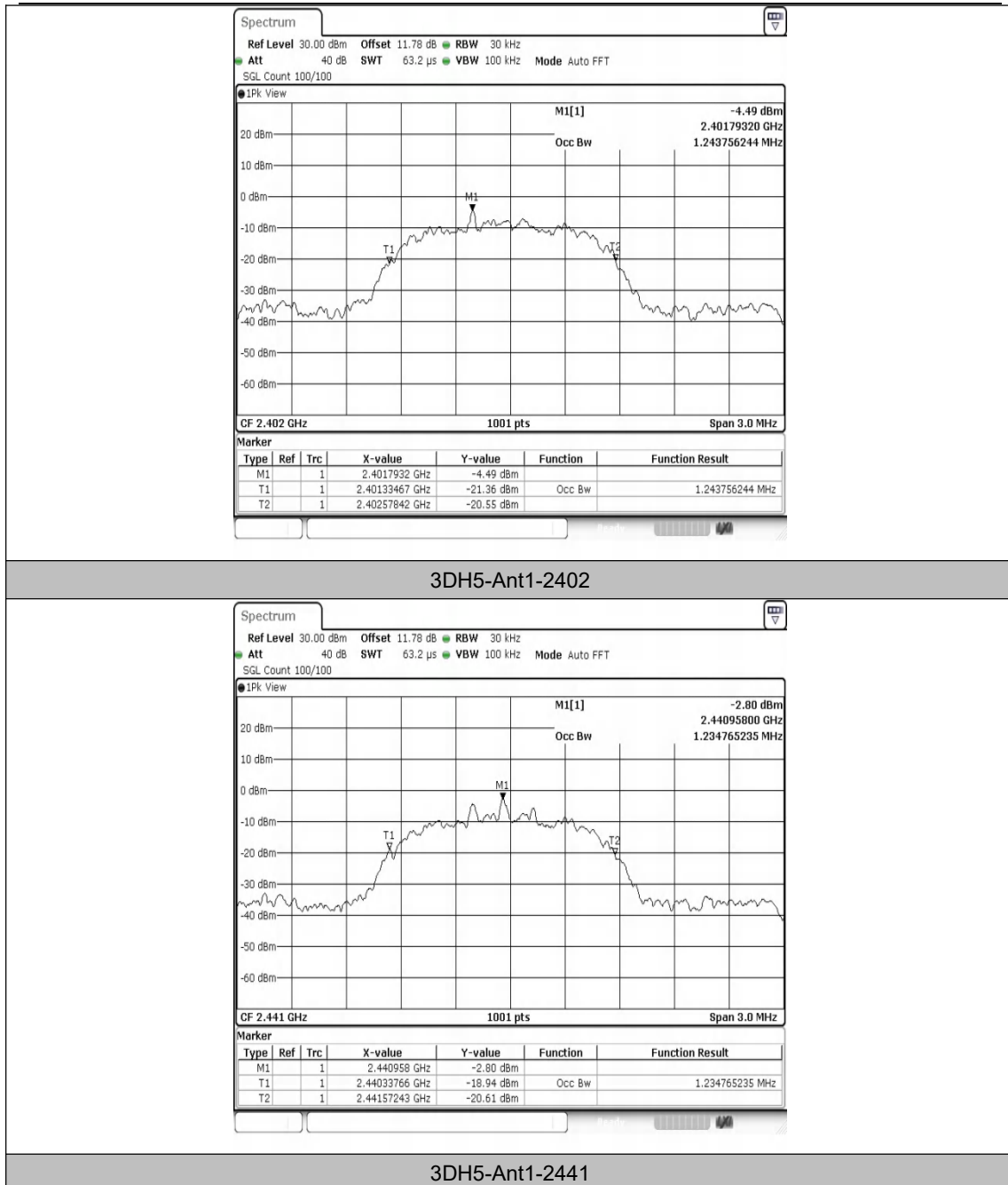


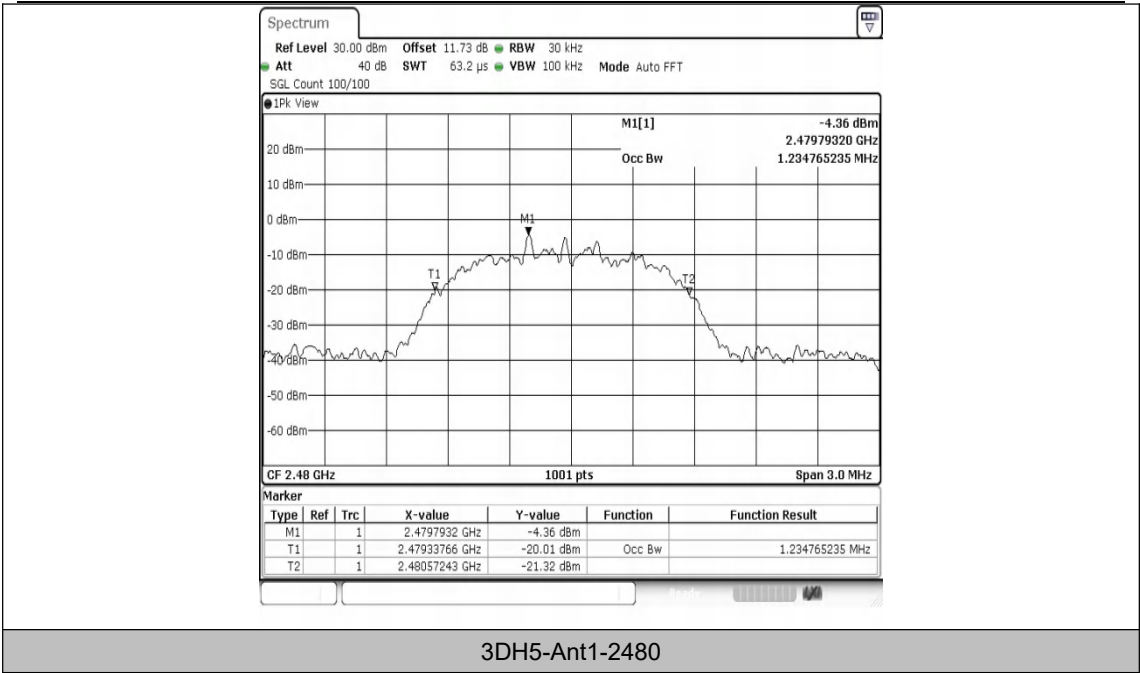
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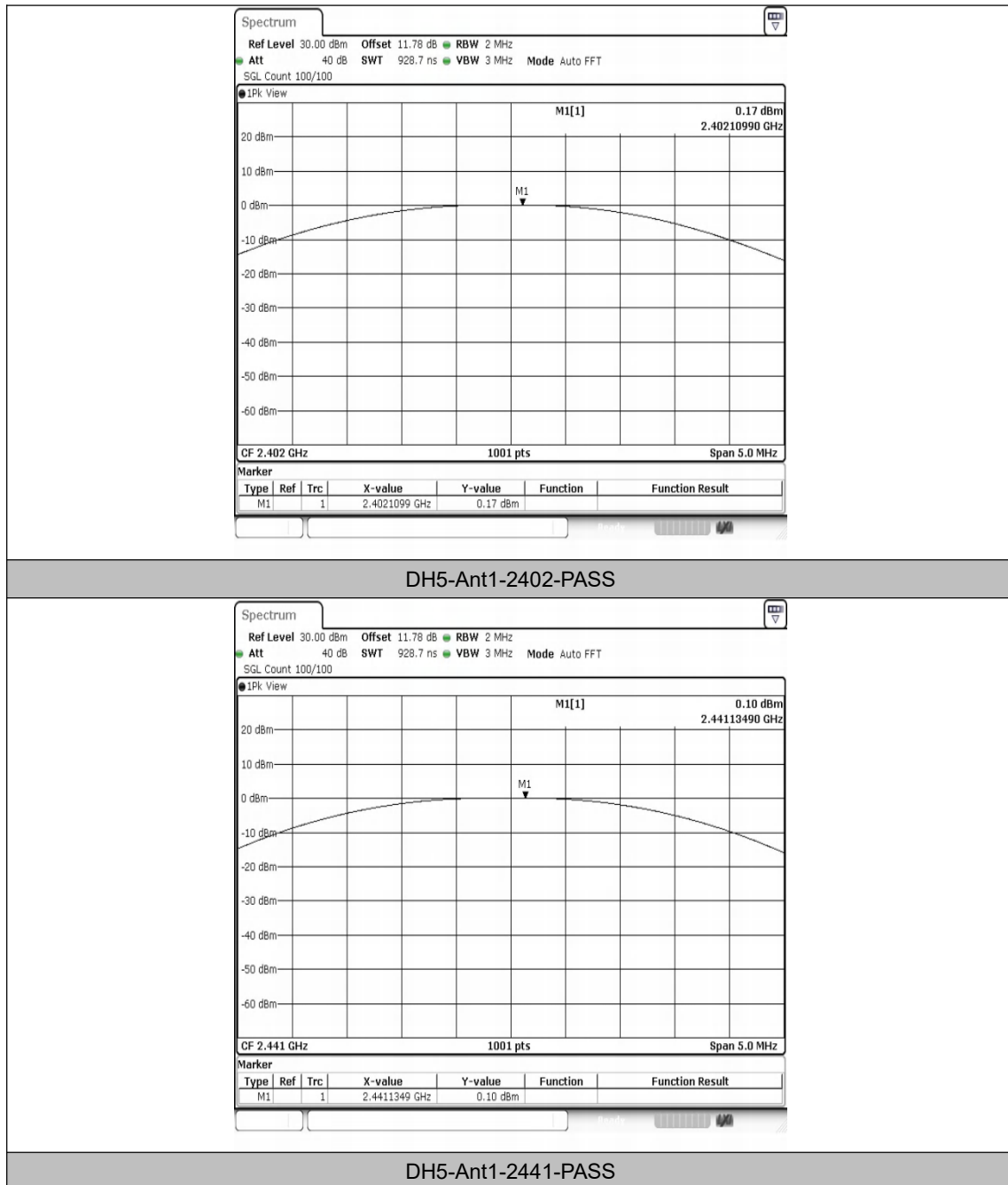
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	0.17	≤20.97	PASS
DH5	Ant1	2441	0.10	≤20.97	PASS
DH5	Ant1	2480	-0.38	≤20.97	PASS
2DH5	Ant1	2402	0.47	≤20.97	PASS
2DH5	Ant1	2441	0.32	≤20.97	PASS
2DH5	Ant1	2480	-0.14	≤20.97	PASS
3DH5	Ant1	2402	0.48	≤20.97	PASS
3DH5	Ant1	2441	0.60	≤20.97	PASS
3DH5	Ant1	2480	-0.43	≤20.97	PASS



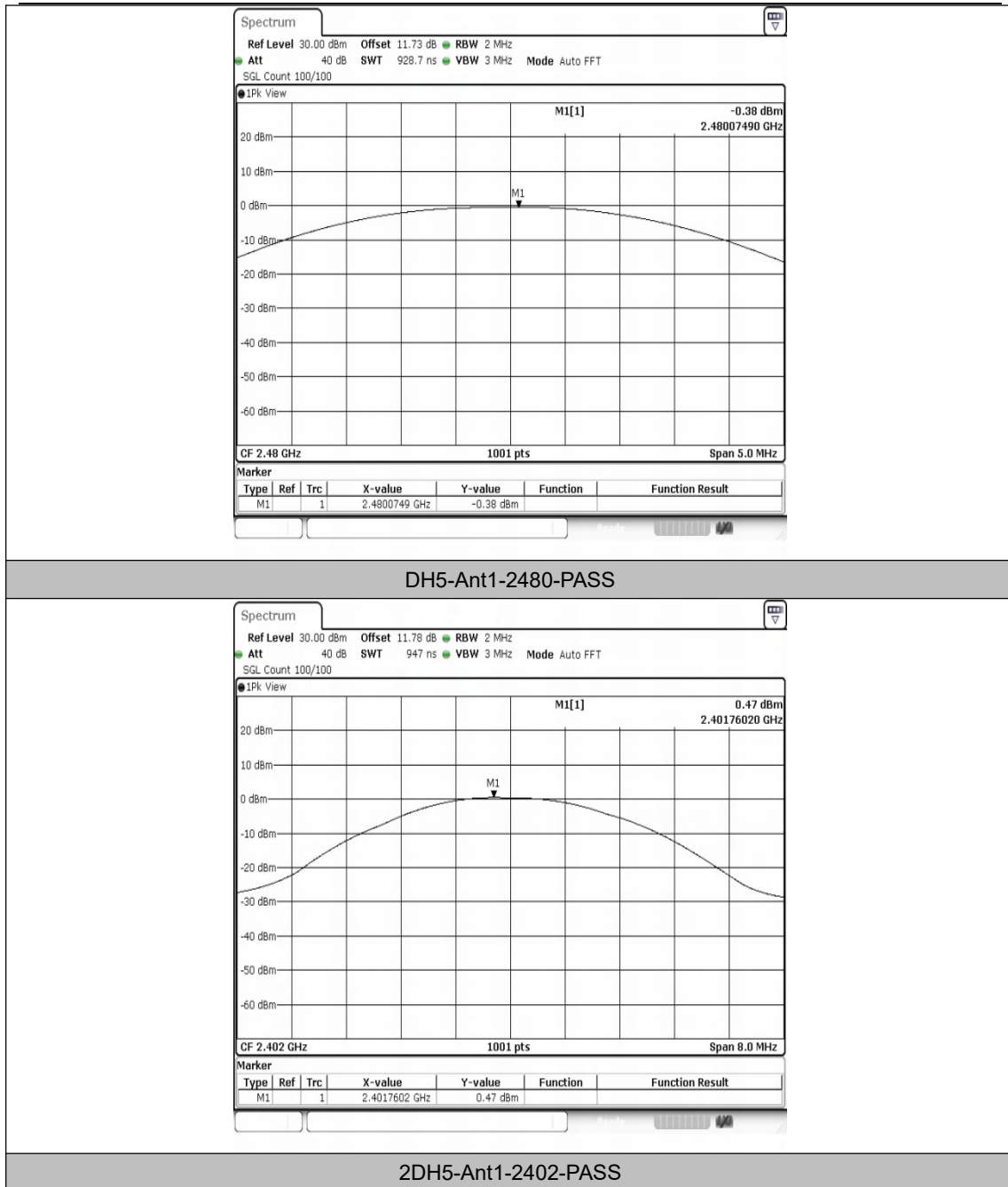
Test Graphs



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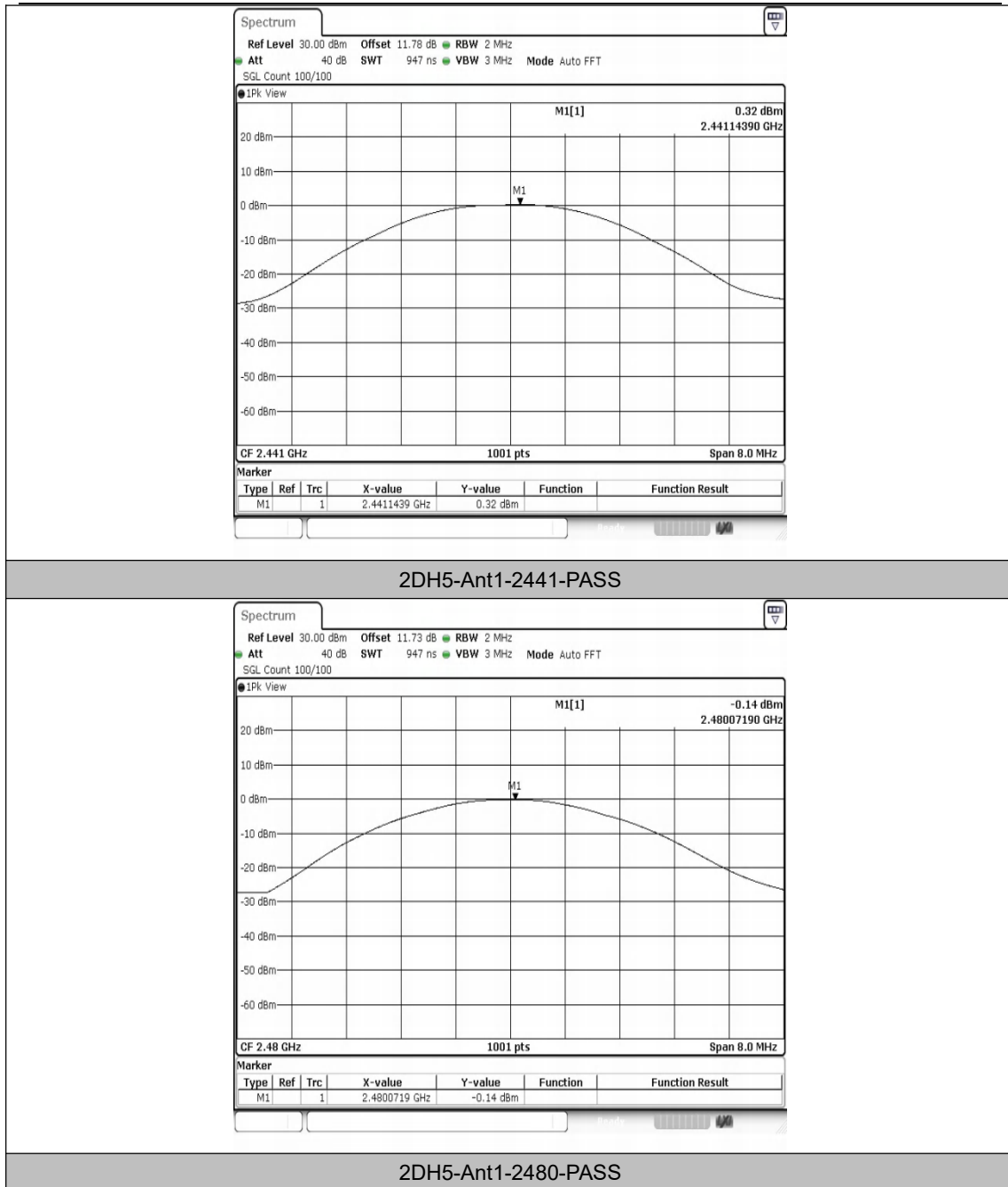
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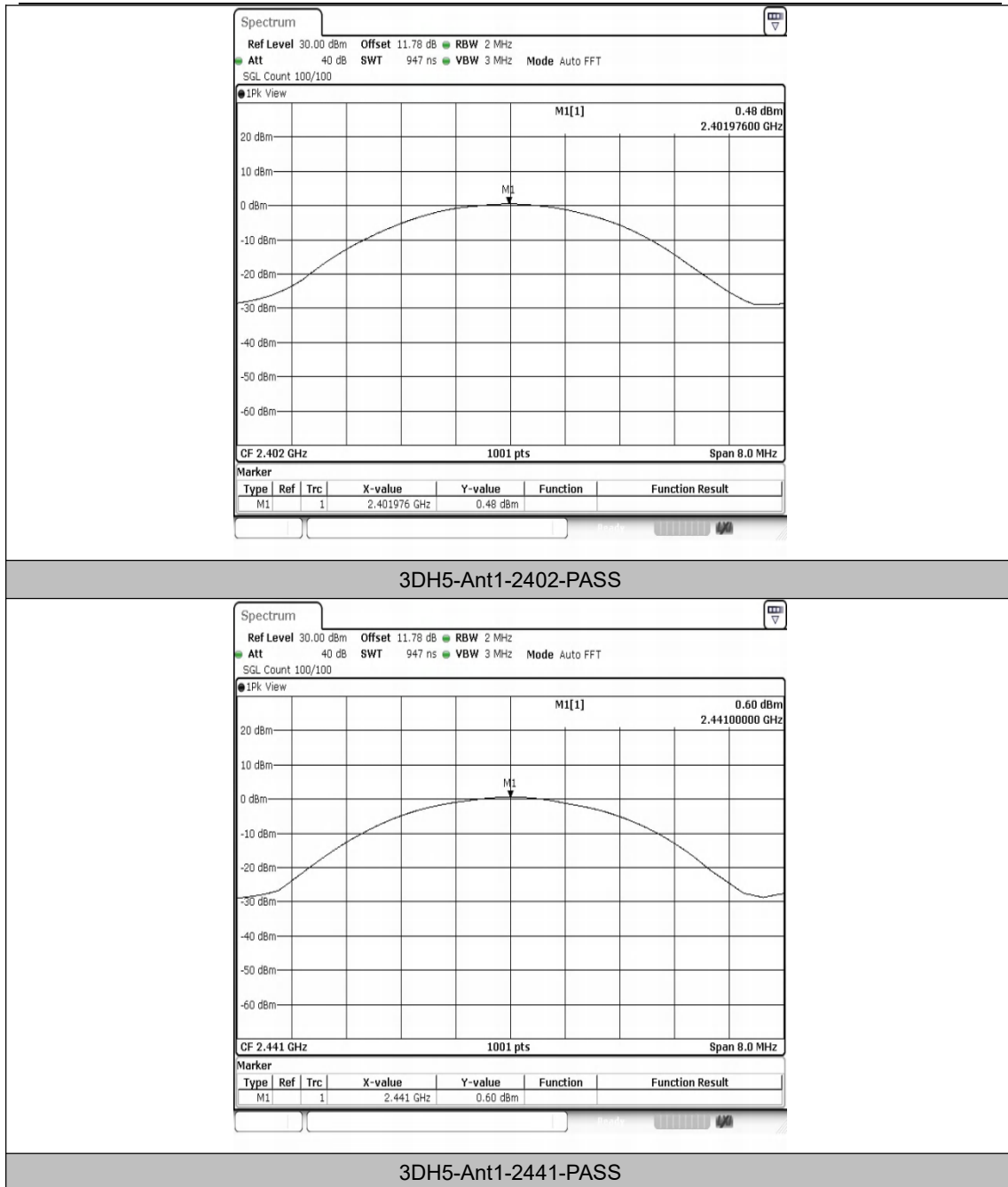


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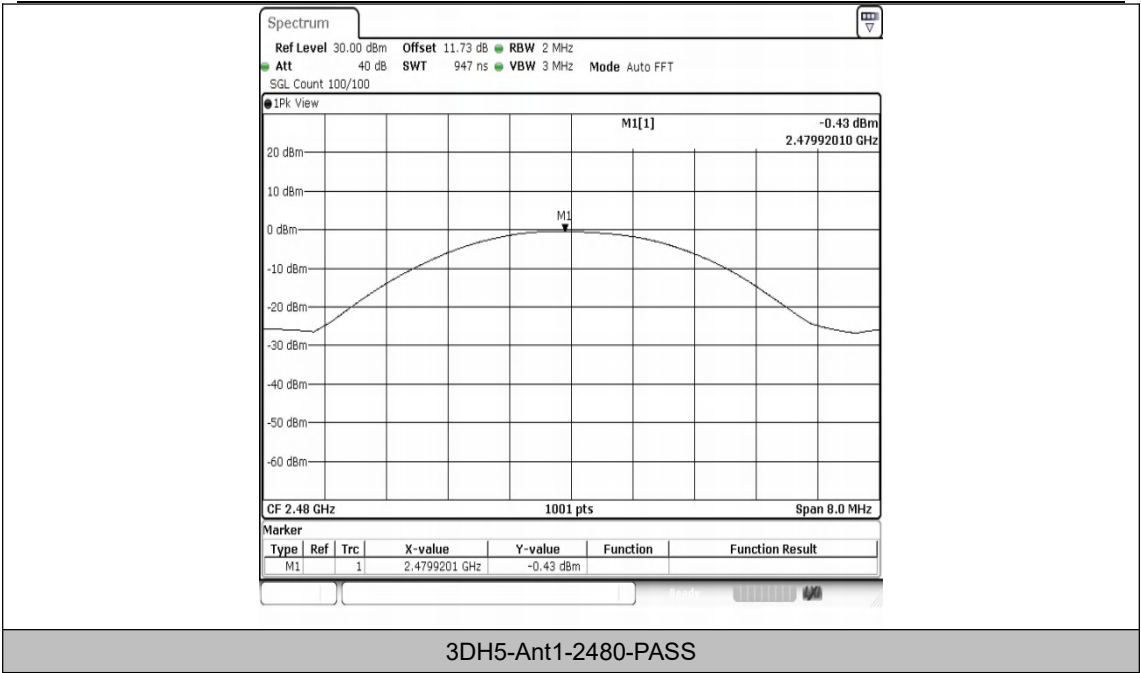


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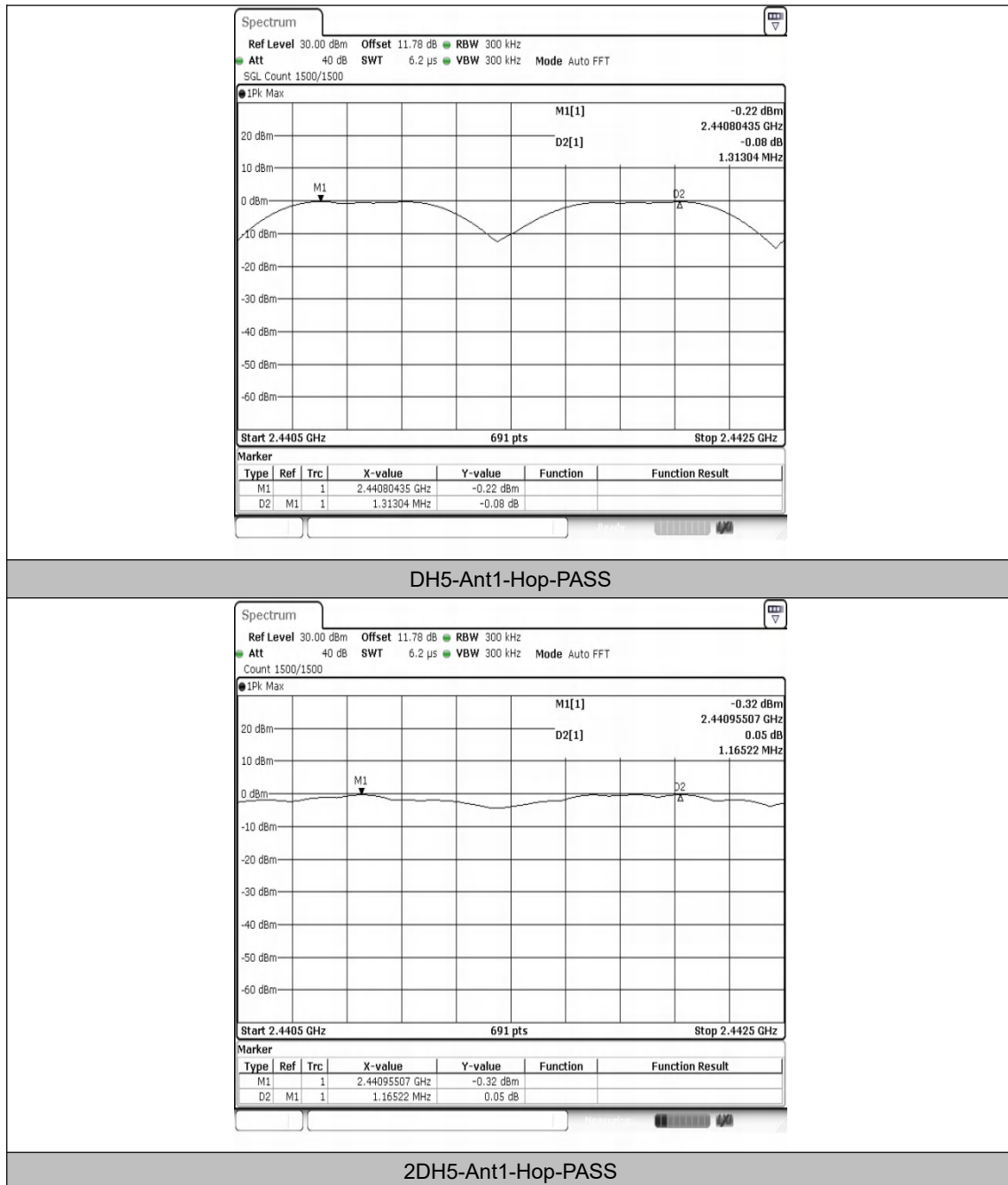
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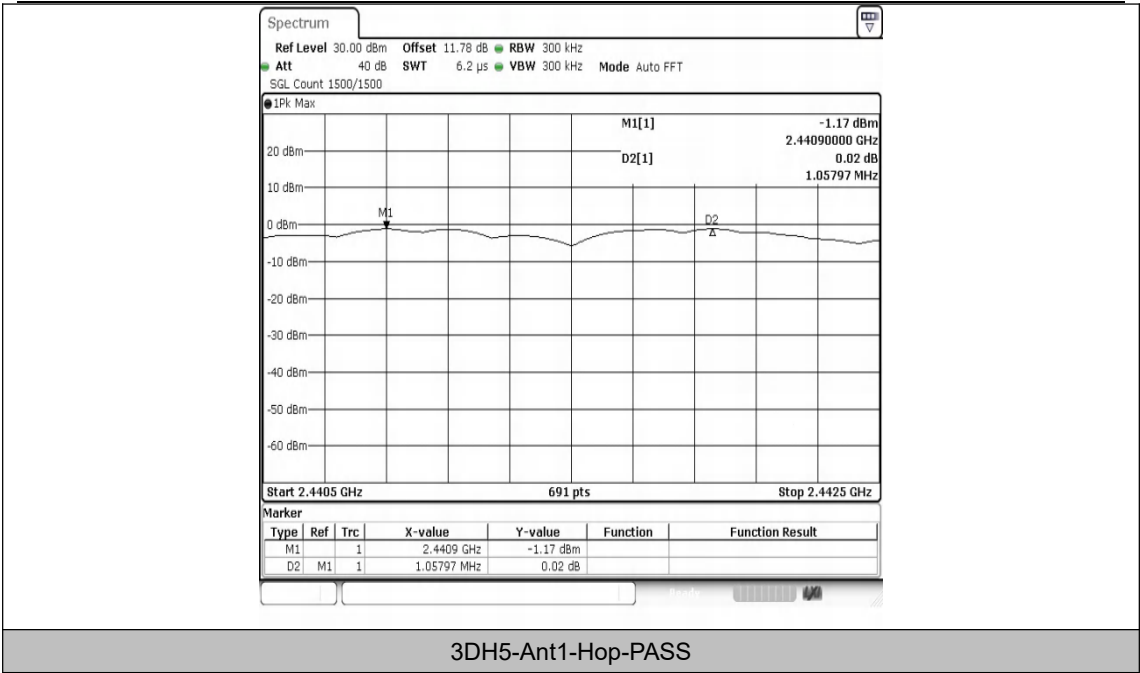
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.313	≥1.020	PASS
2DH5	Ant1	Hop	1.165	≥0.900	PASS
3DH5	Ant1	Hop	1.058	≥0.900	PASS

Test Graphs





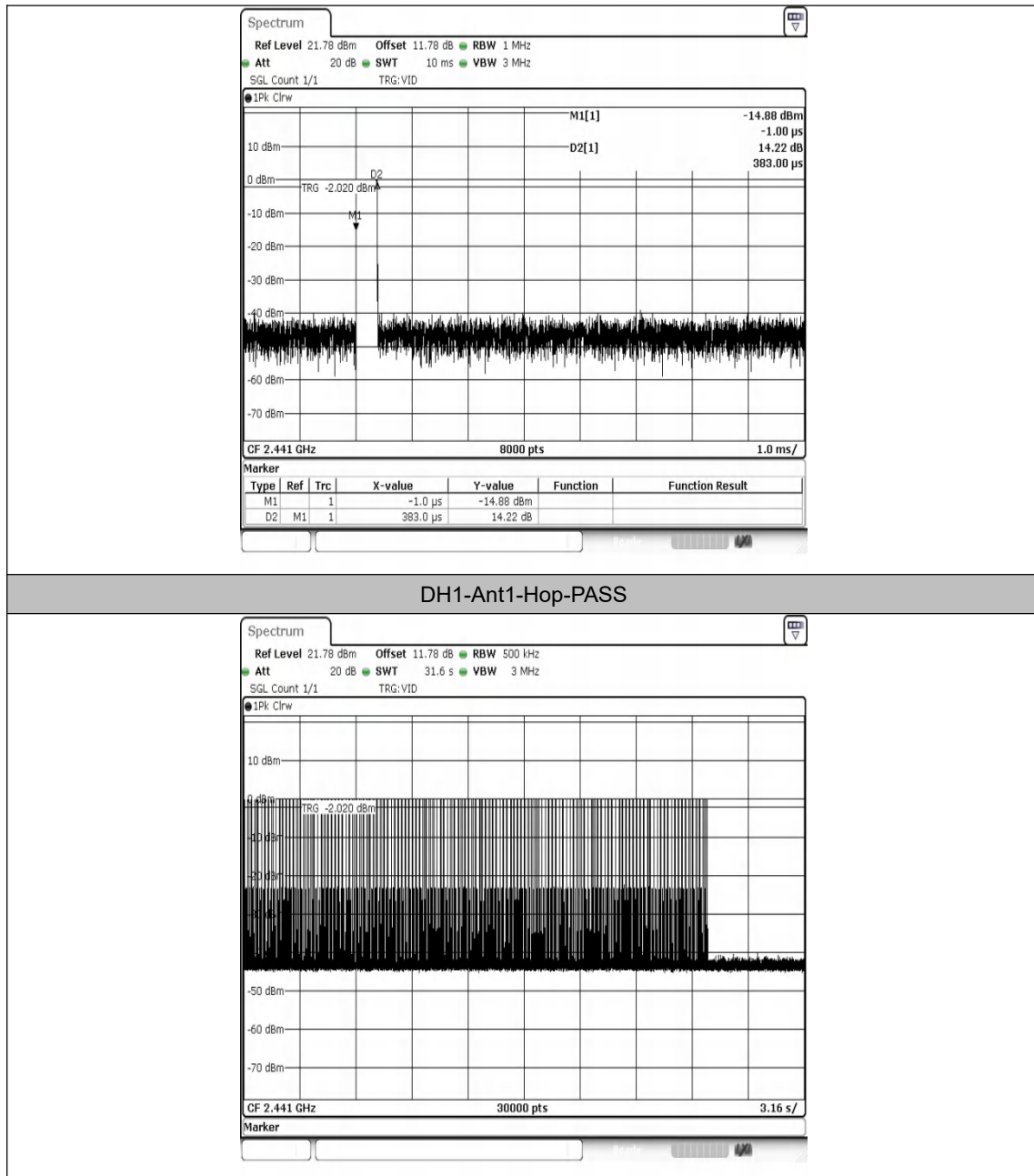
Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH1	Ant1	Hop	0.383	265	0.101	≤0.4	PASS
DH3	Ant1	Hop	1.638	154	0.252	≤0.4	PASS
DH5	Ant1	Hop	2.887	104	0.3	≤0.4	PASS
2DH1	Ant1	Hop	0.391	319	0.125	≤0.4	PASS
2DH3	Ant1	Hop	1.643	160	0.263	≤0.4	PASS
2DH5	Ant1	Hop	-1.963	103	-0.202	≤0.4	PASS
3DH1	Ant1	Hop	0.391	320	0.125	≤0.4	PASS
3DH3	Ant1	Hop	-1.943	151	-0.293	≤0.4	PASS
3DH5	Ant1	Hop	2.893	113	0.327	≤0.4	PASS



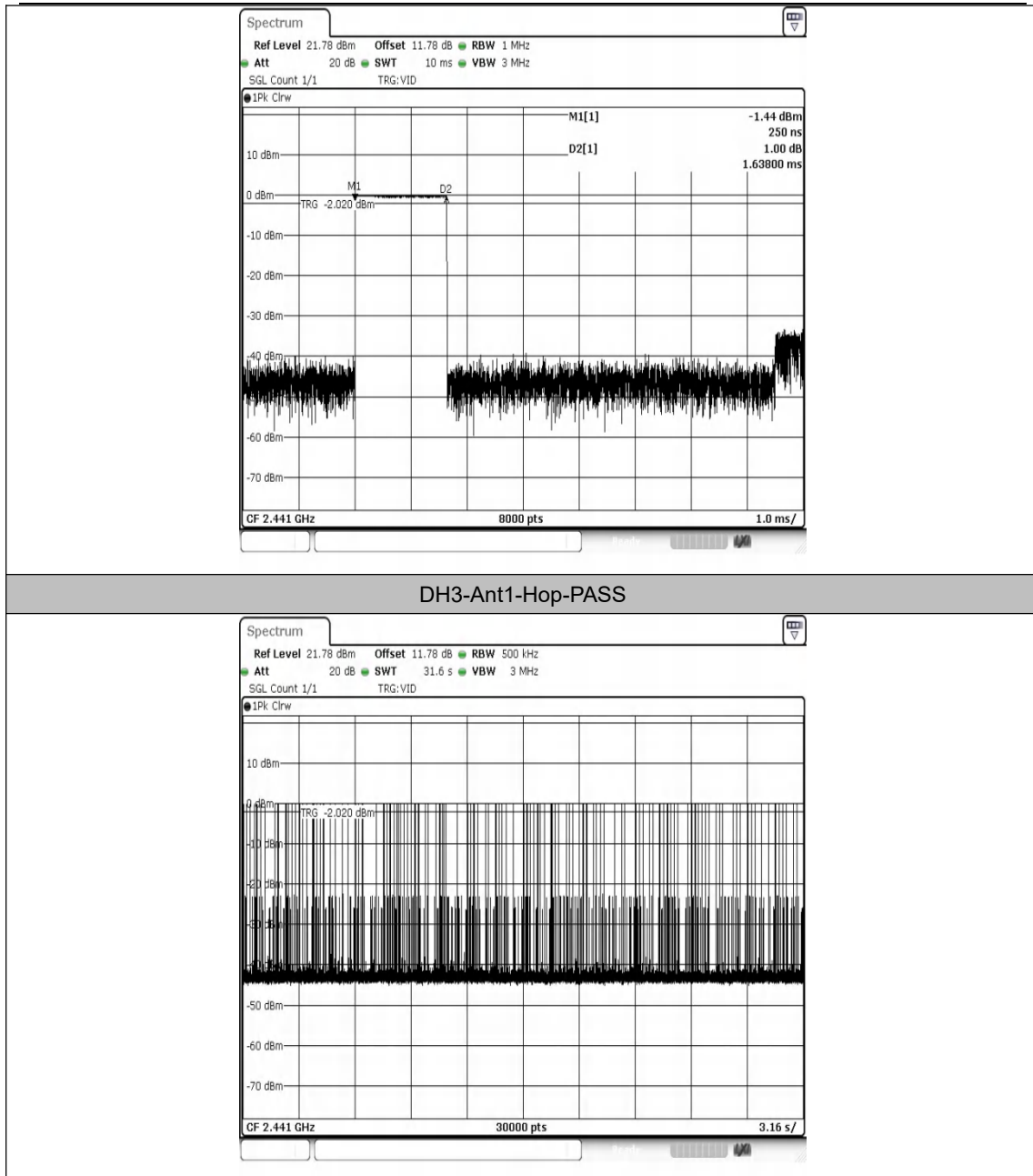
Test Graphs

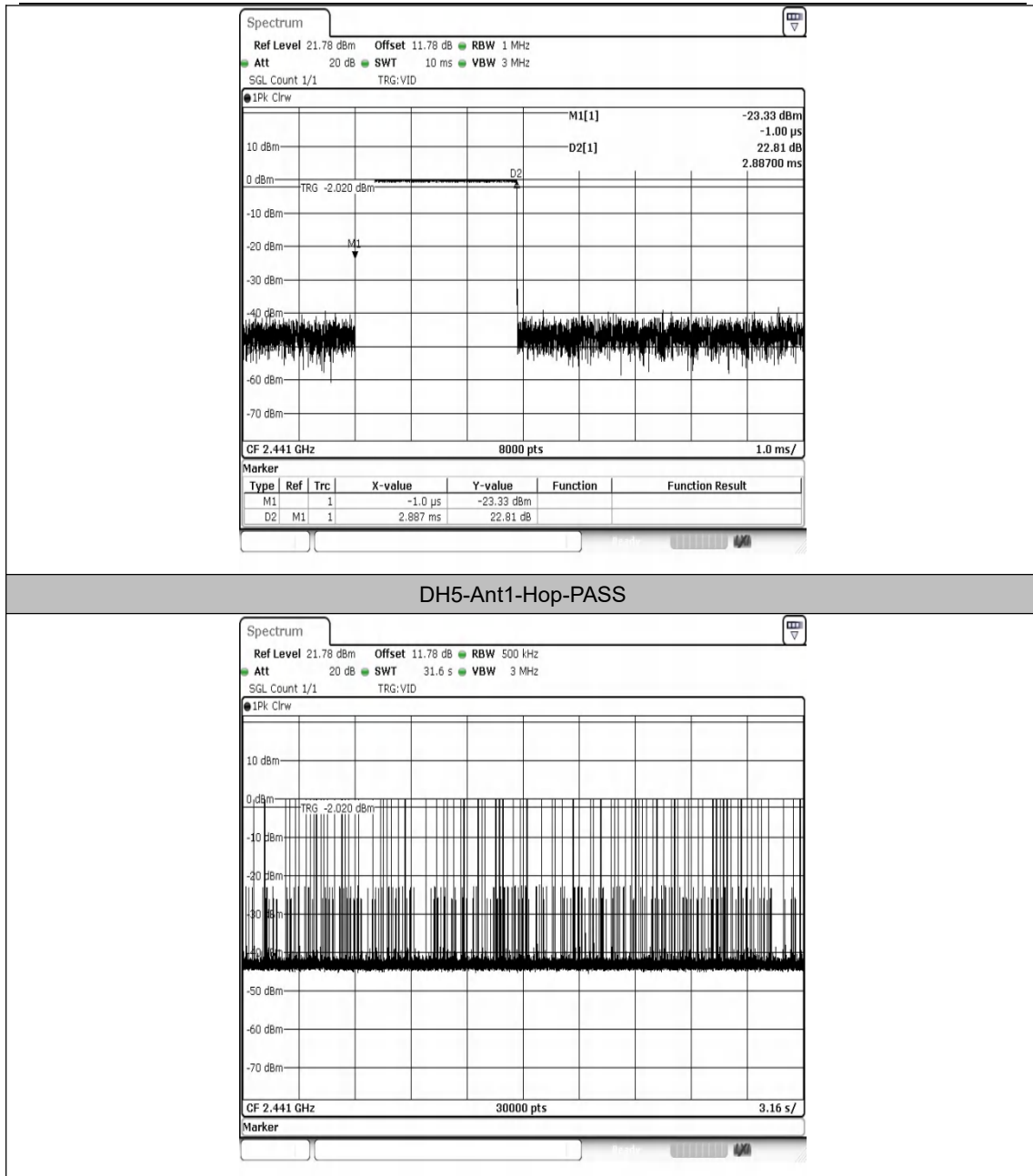


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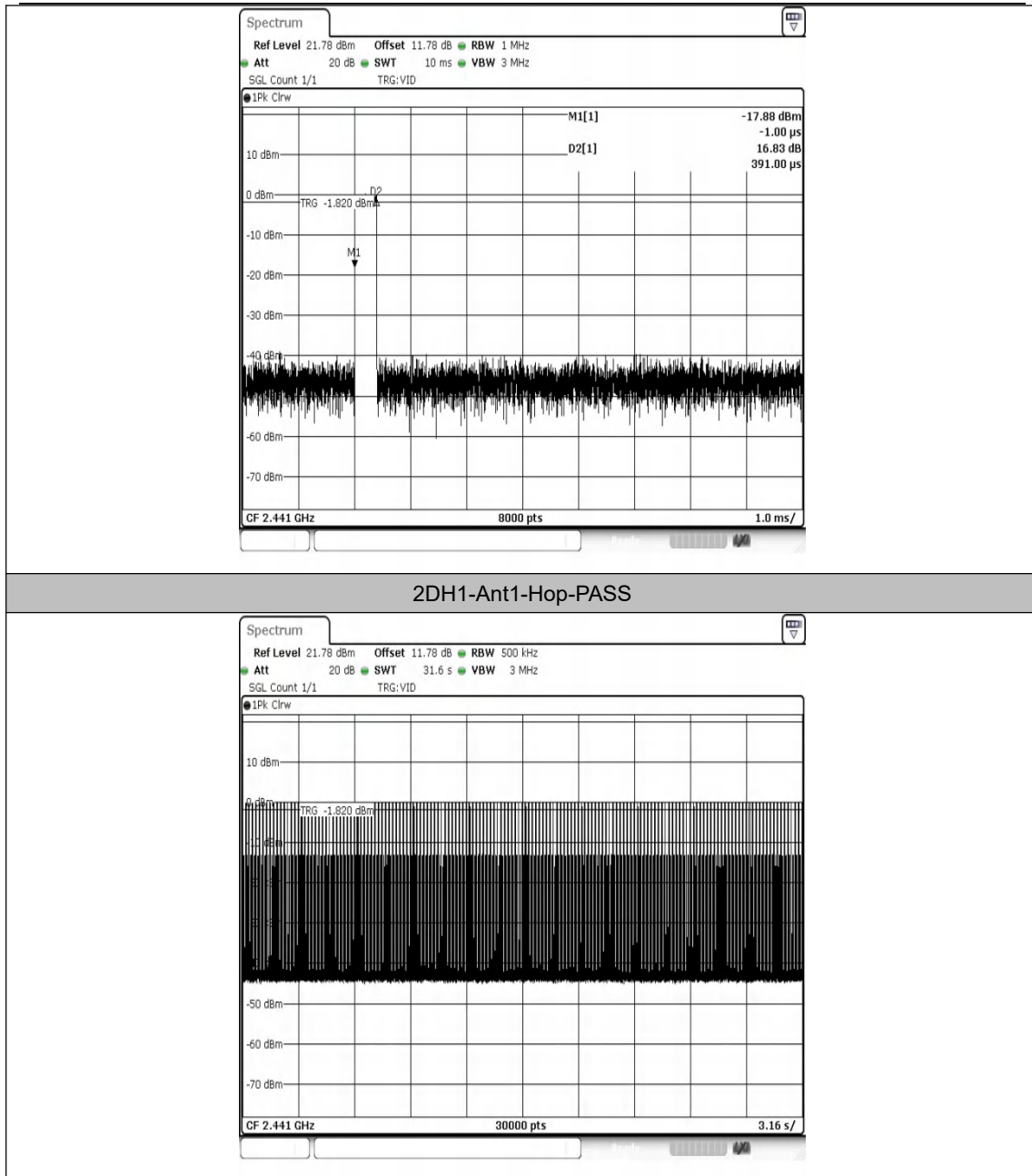




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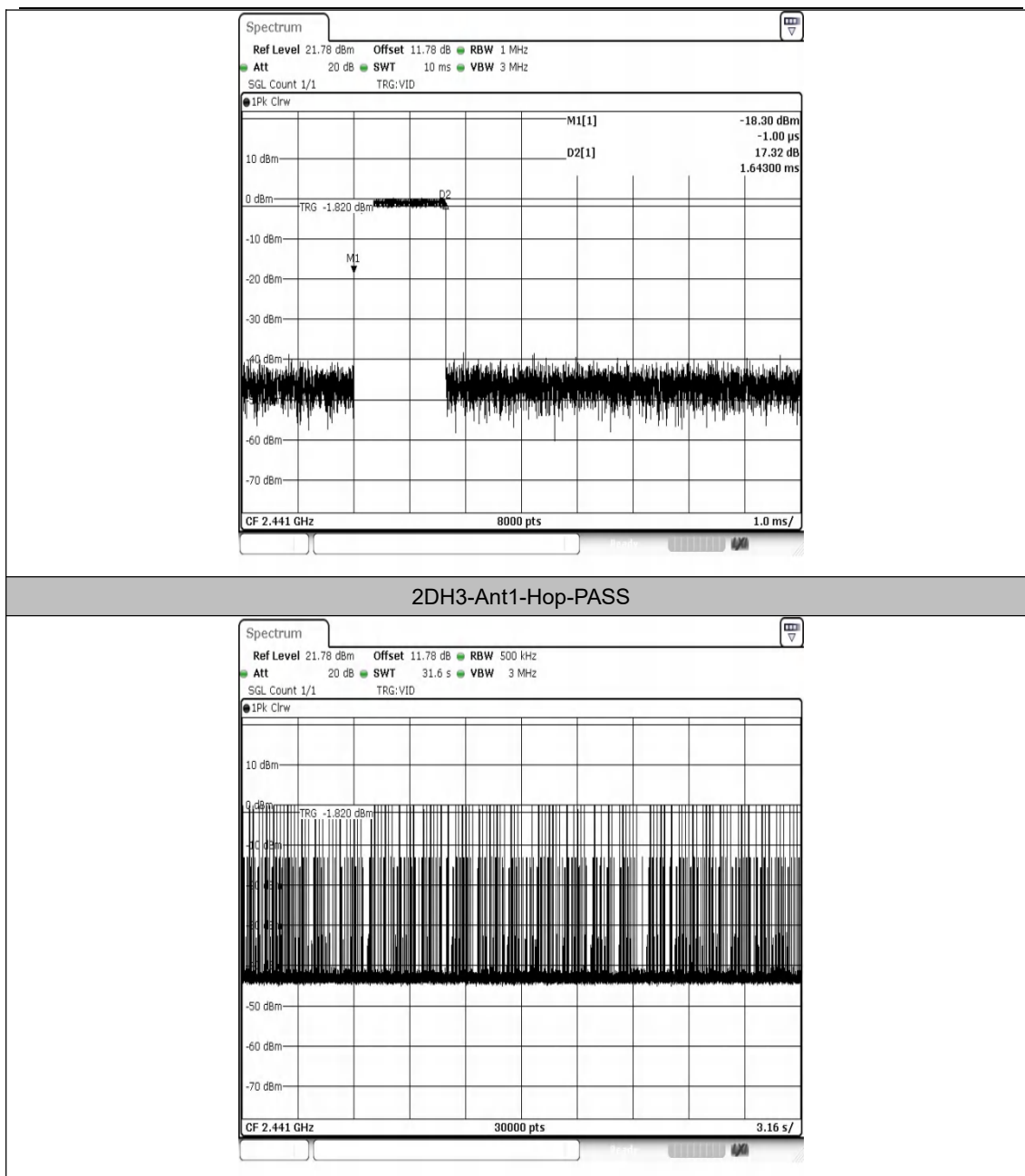
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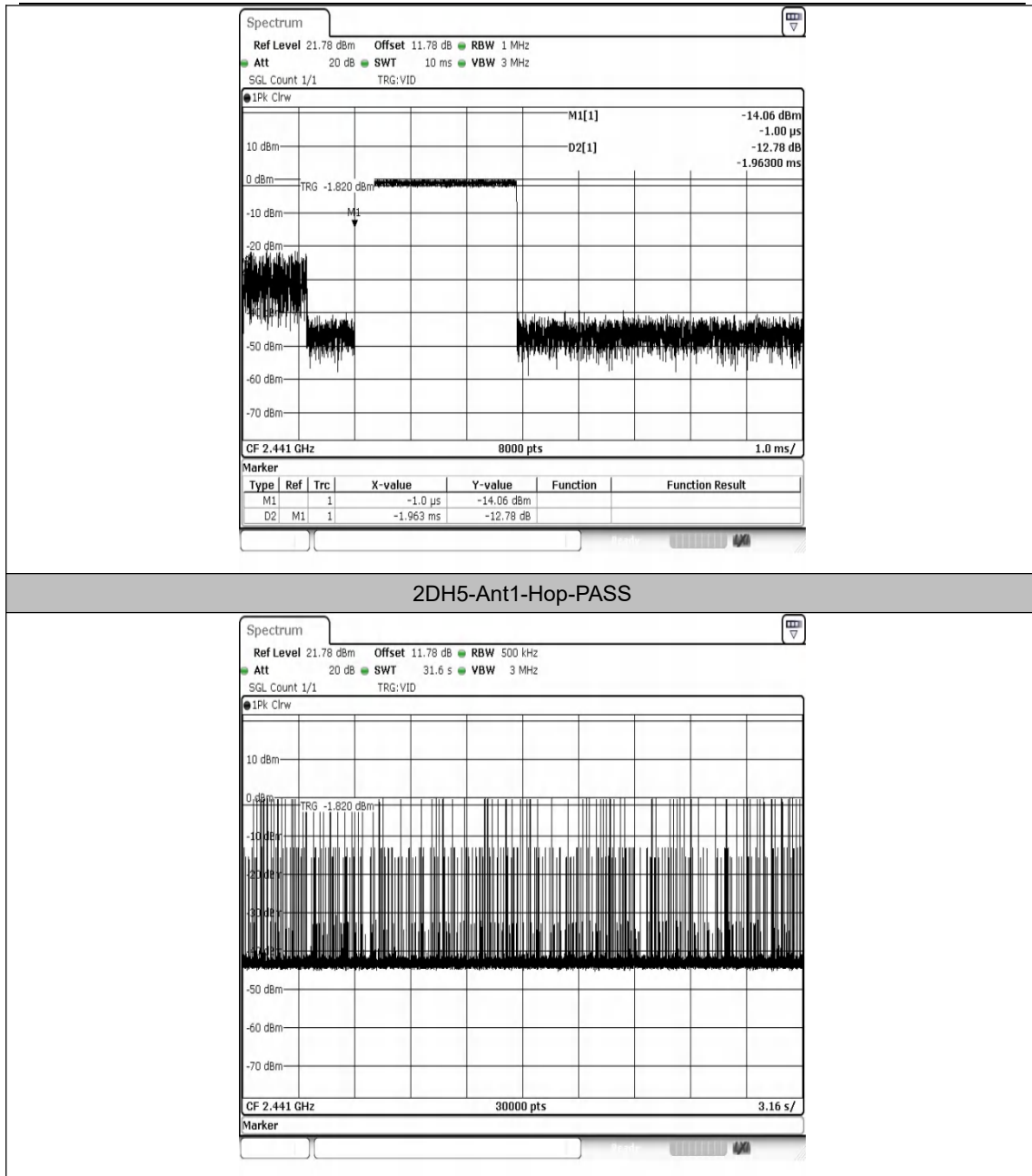
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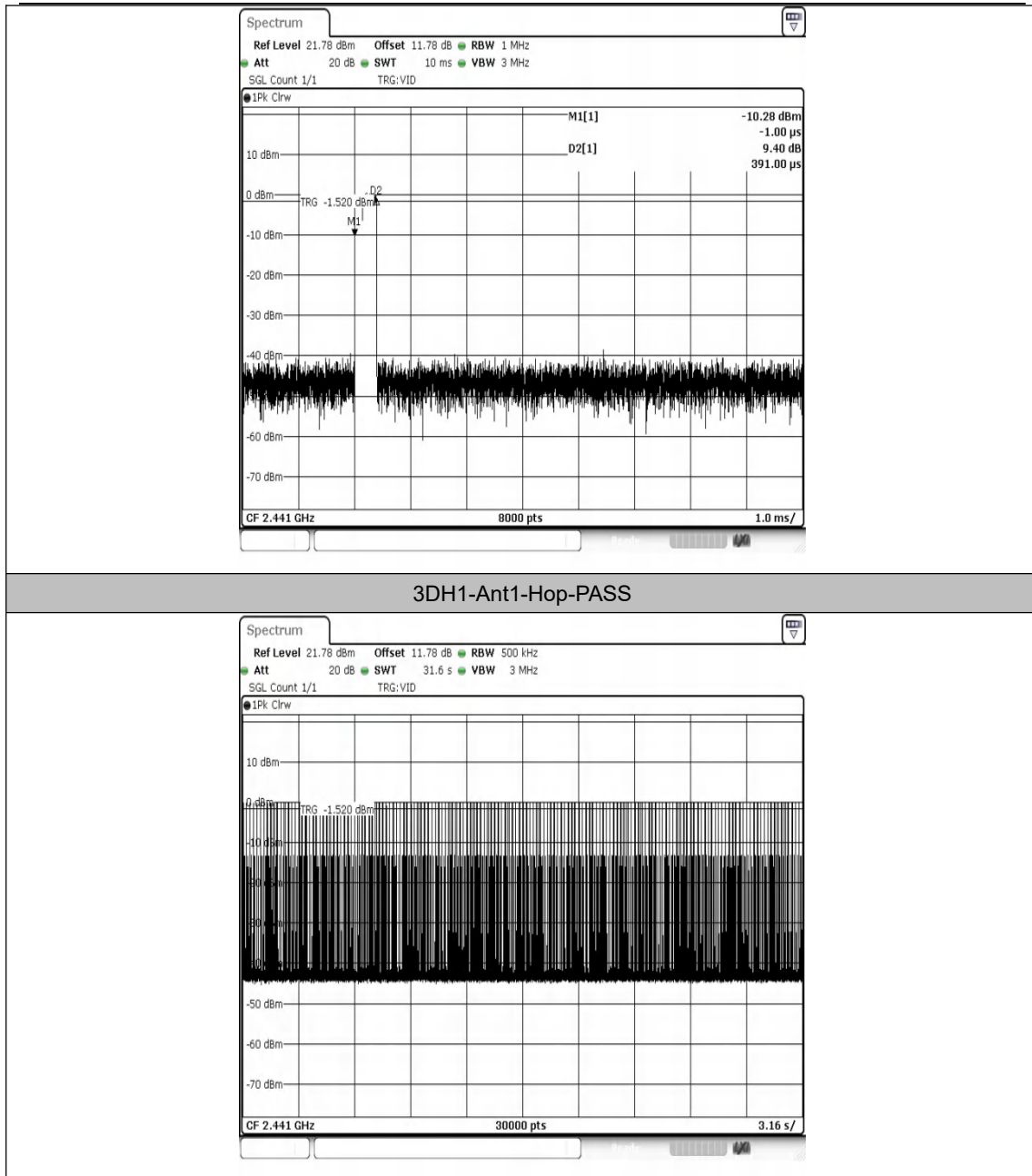
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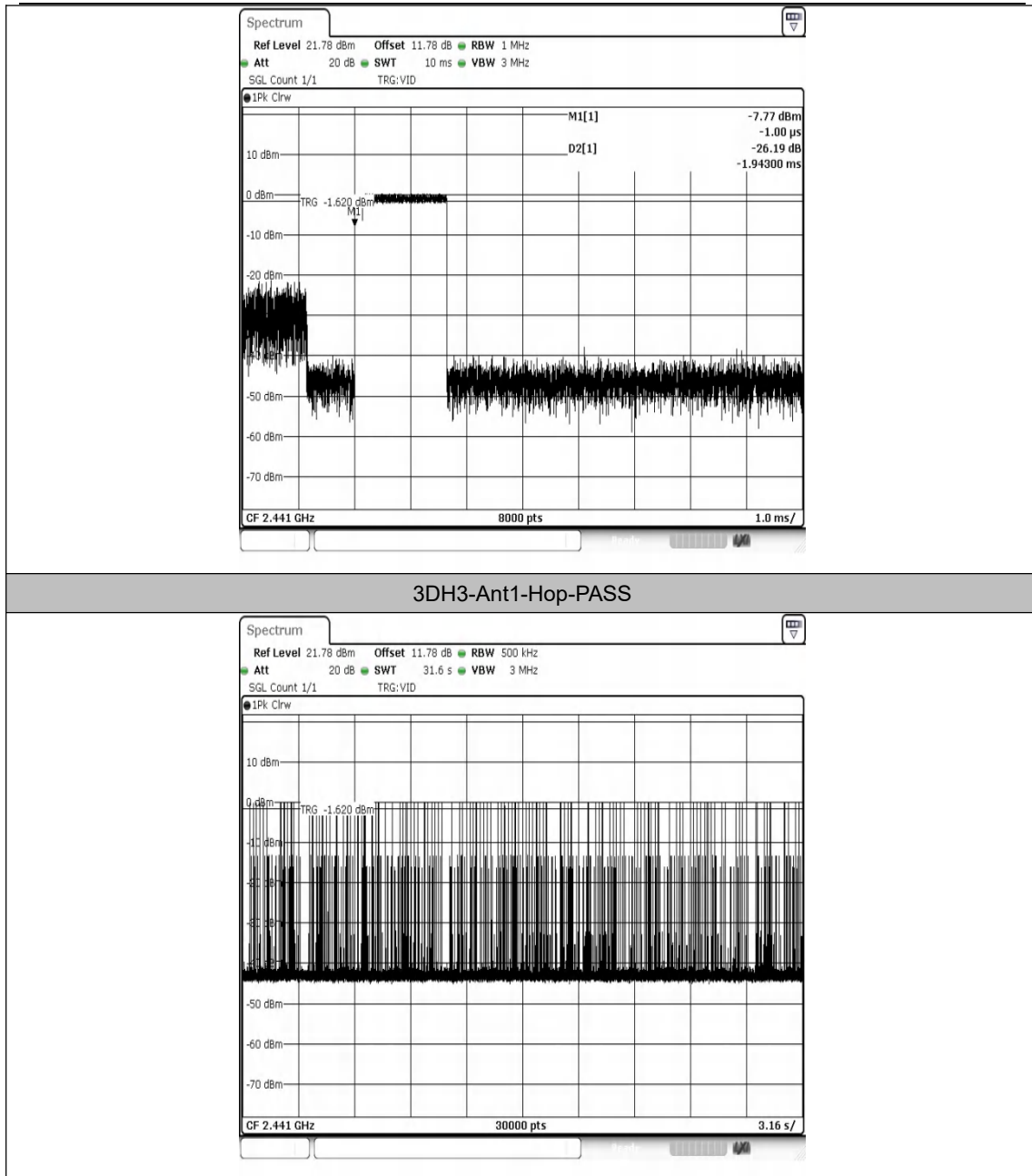
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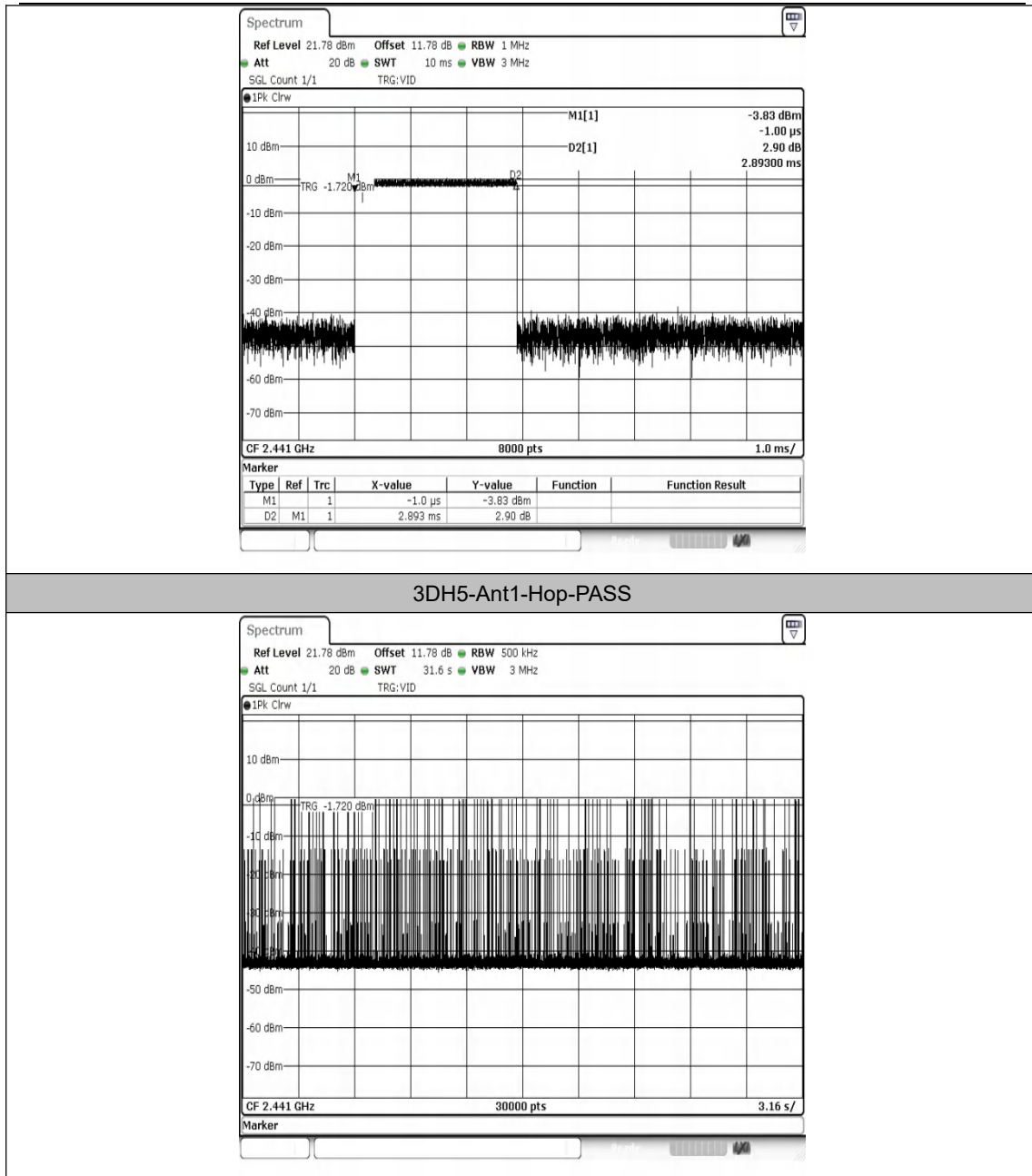
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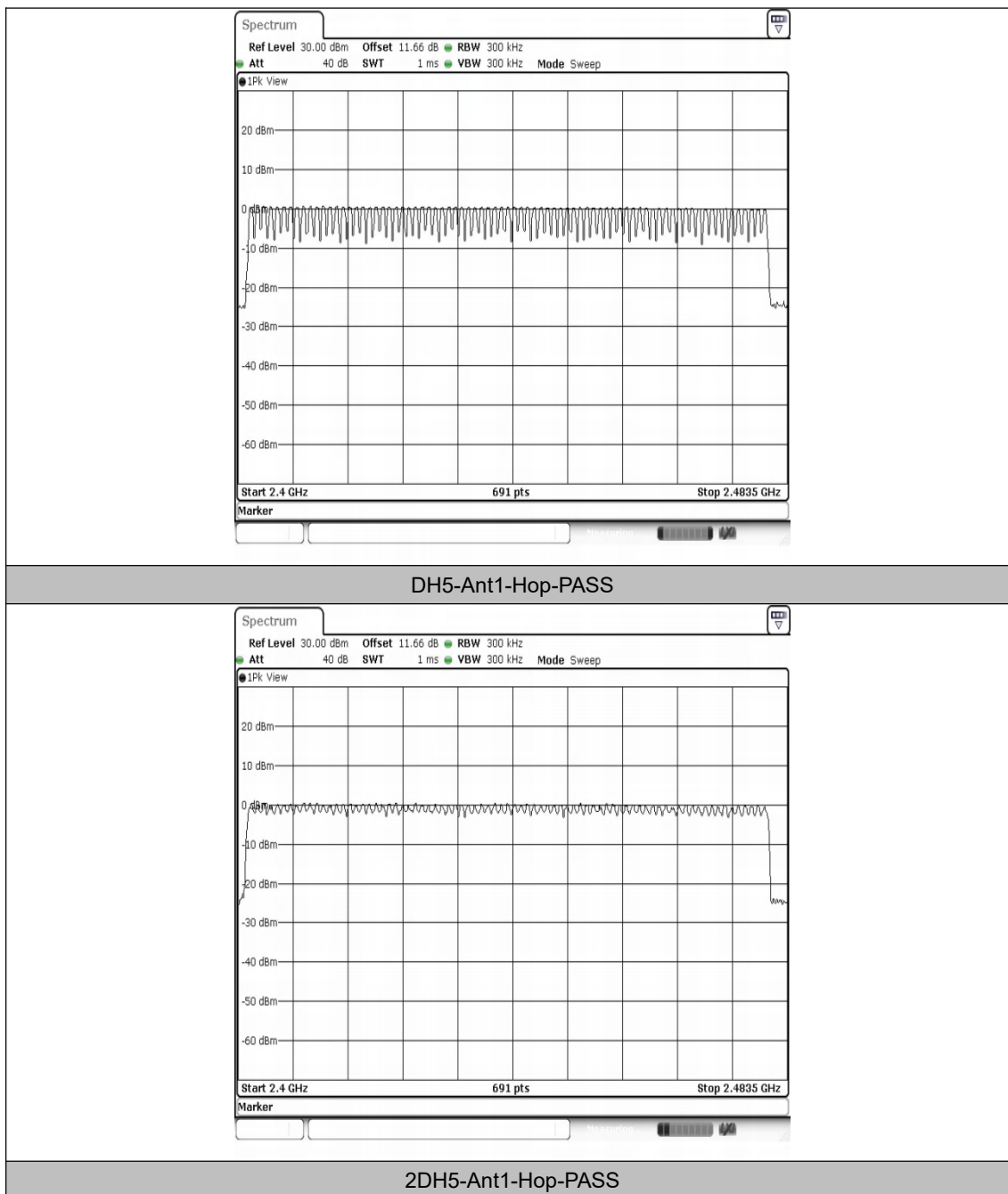
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Appendix F: Number of Hopping Channel

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

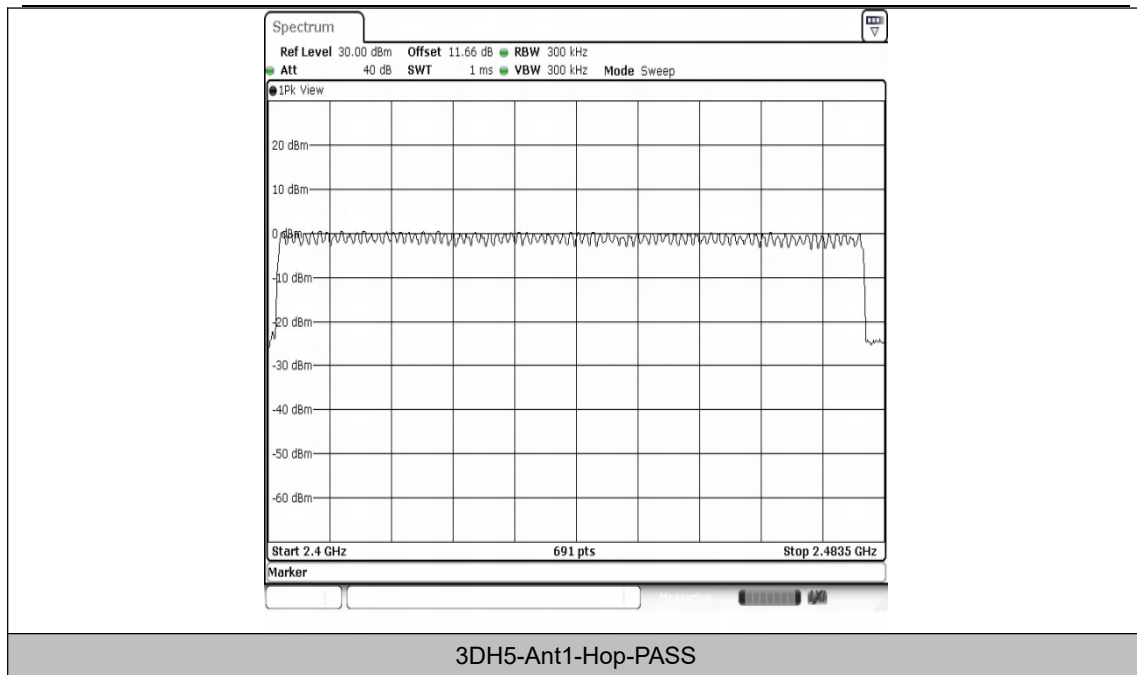
Test Graphs



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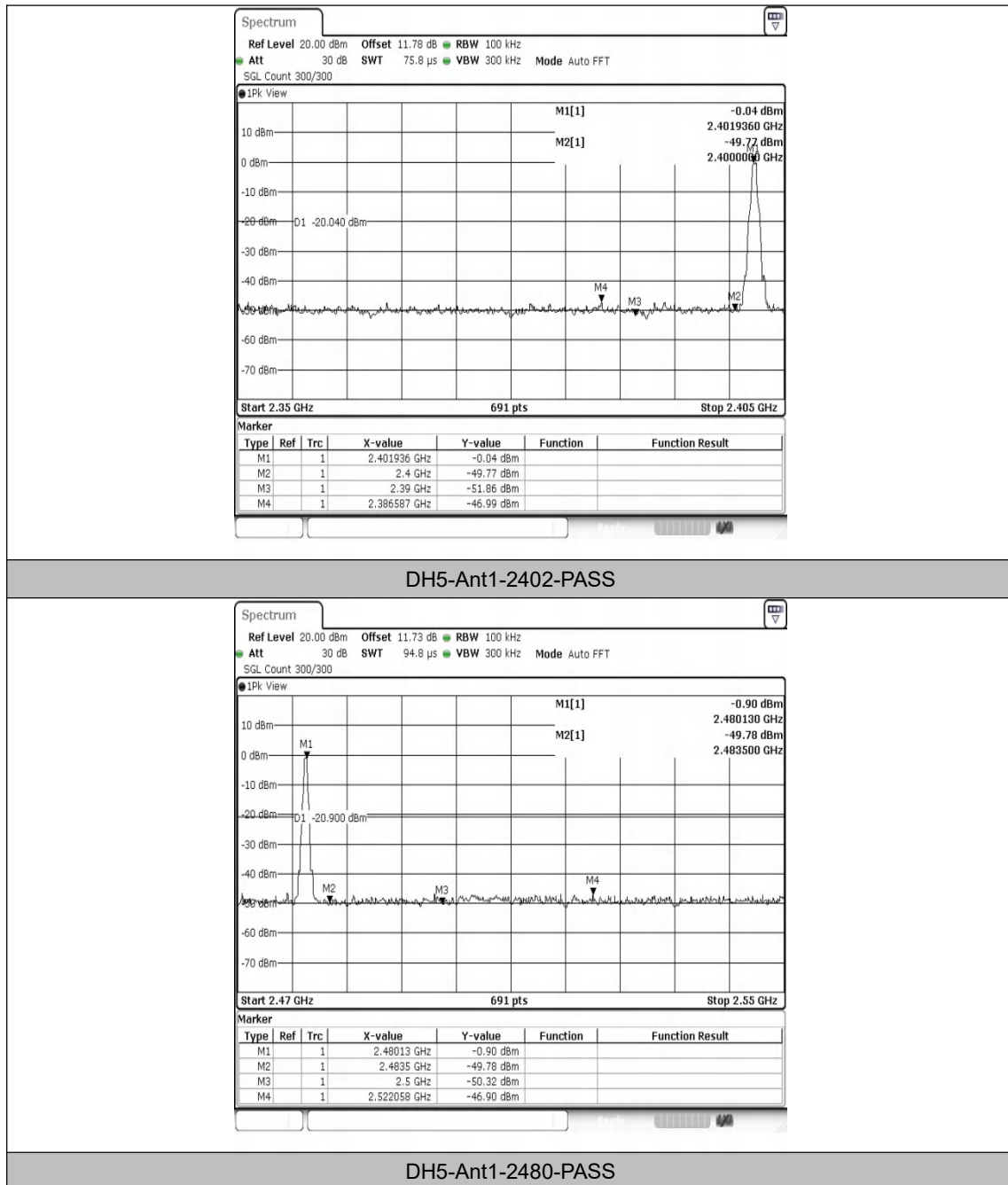
Appendix G: Conducted Band edge

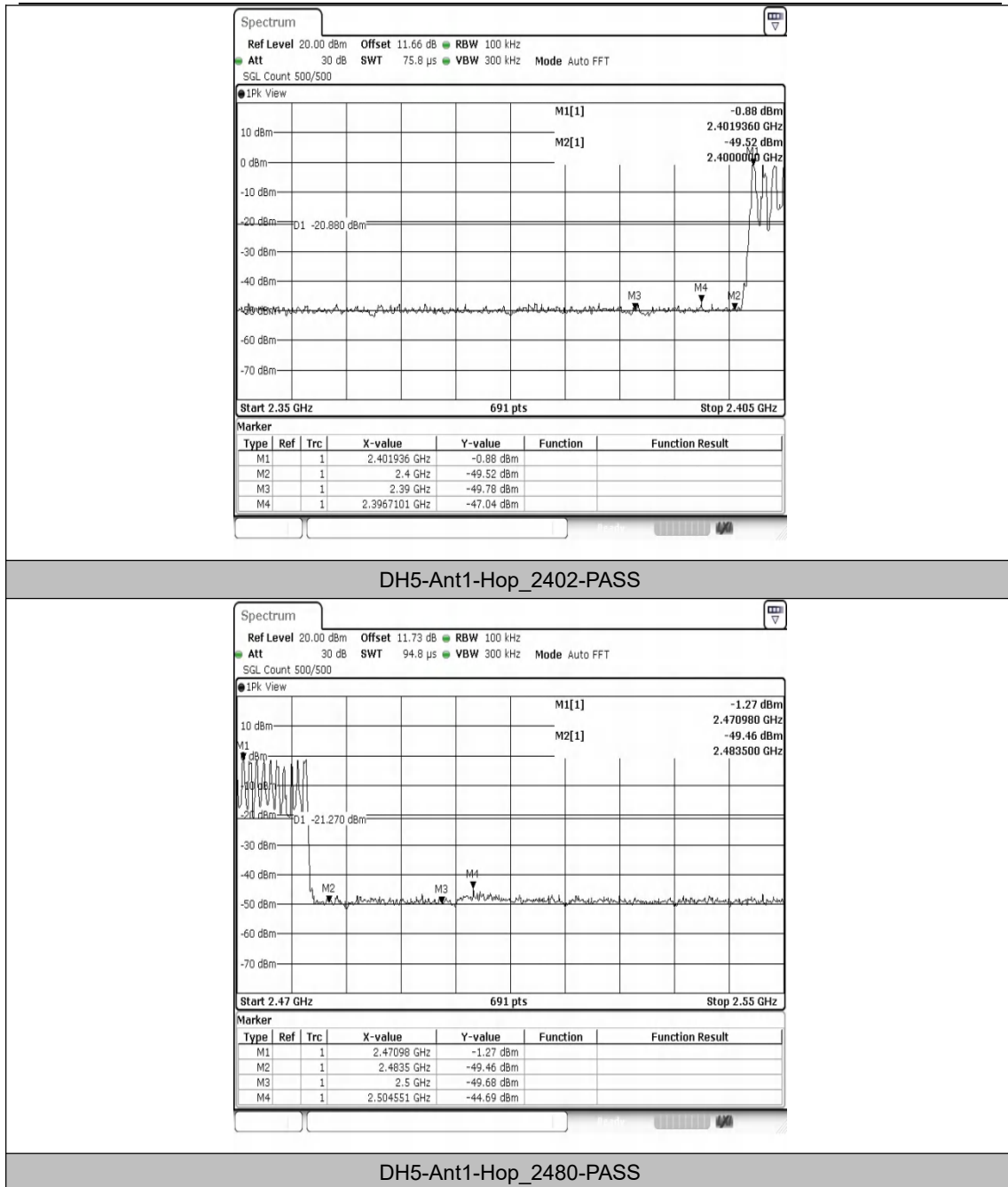
Test Result

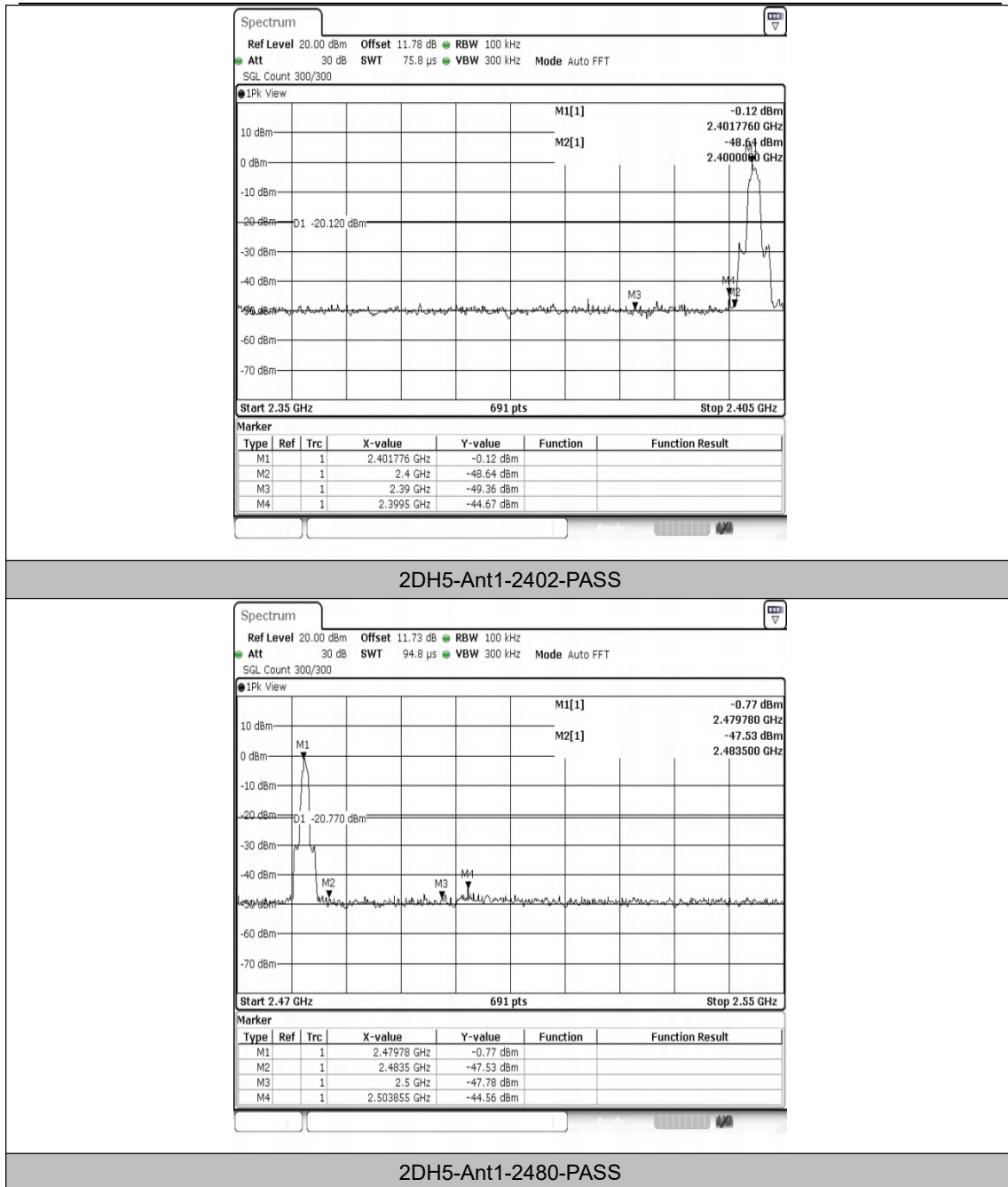
Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.04	-46.99	≤-20.04	PASS
DH5	Ant1	High	2480	-0.90	-46.9	≤-20.9	PASS
DH5	Ant1	Low	Hop_2402	-0.88	-47.04	≤-20.88	PASS
DH5	Ant1	High	Hop_2480	-1.27	-44.69	≤-21.27	PASS
2DH5	Ant1	Low	2402	-0.12	-44.67	≤-20.12	PASS
2DH5	Ant1	High	2480	-0.77	-44.56	≤-20.77	PASS
2DH5	Ant1	Low	Hop_2402	-3.94	-47.11	≤-23.94	PASS
2DH5	Ant1	High	Hop_2480	-1.20	-45.34	≤-21.2	PASS
3DH5	Ant1	Low	2402	-0.30	-46.23	≤-20.3	PASS
3DH5	Ant1	High	2480	-0.88	-45.38	≤-20.88	PASS
3DH5	Ant1	Low	Hop_2402	-2.48	-47.53	≤-22.48	PASS
3DH5	Ant1	High	Hop_2480	-1.30	-45.69	≤-21.3	PASS

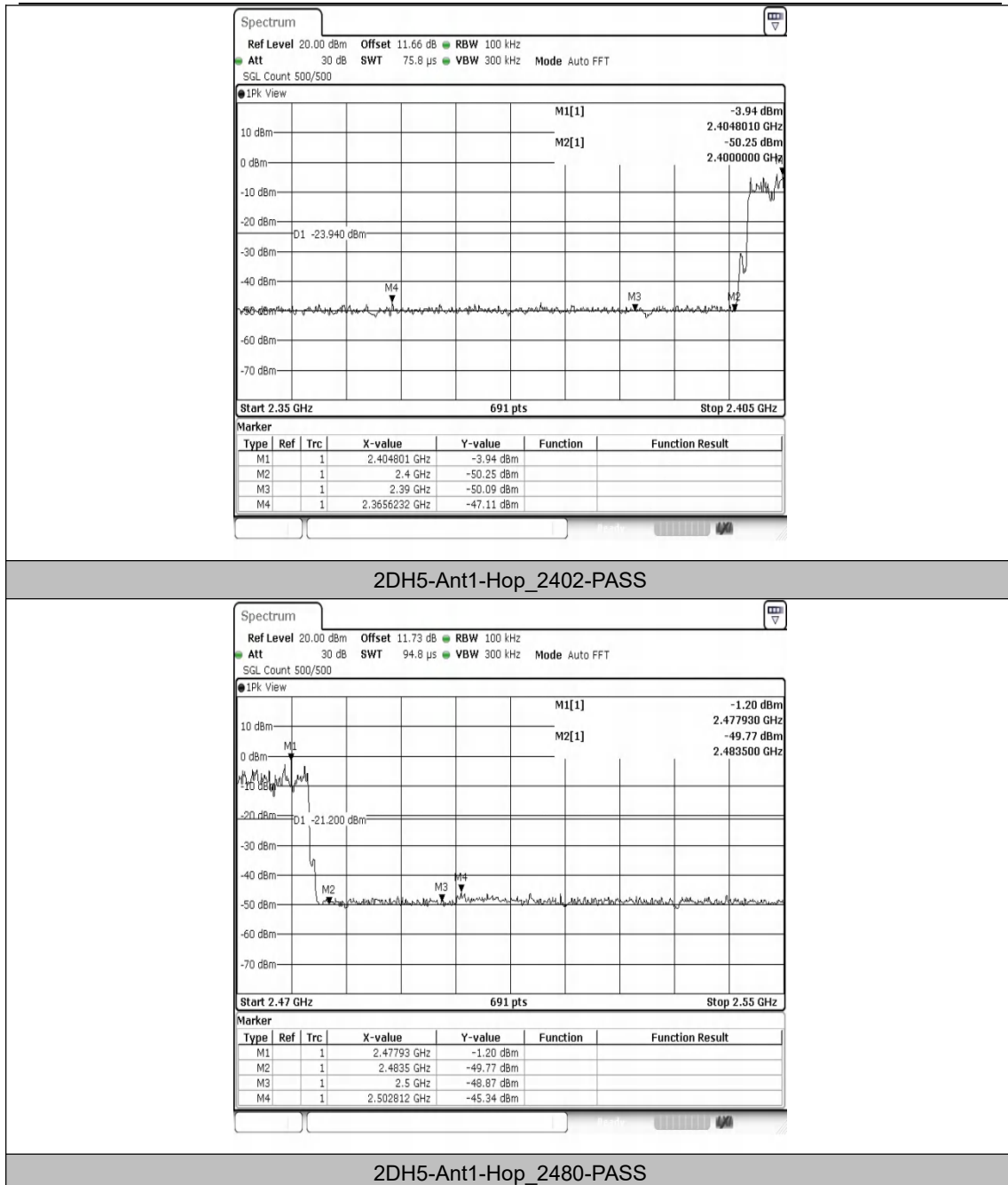


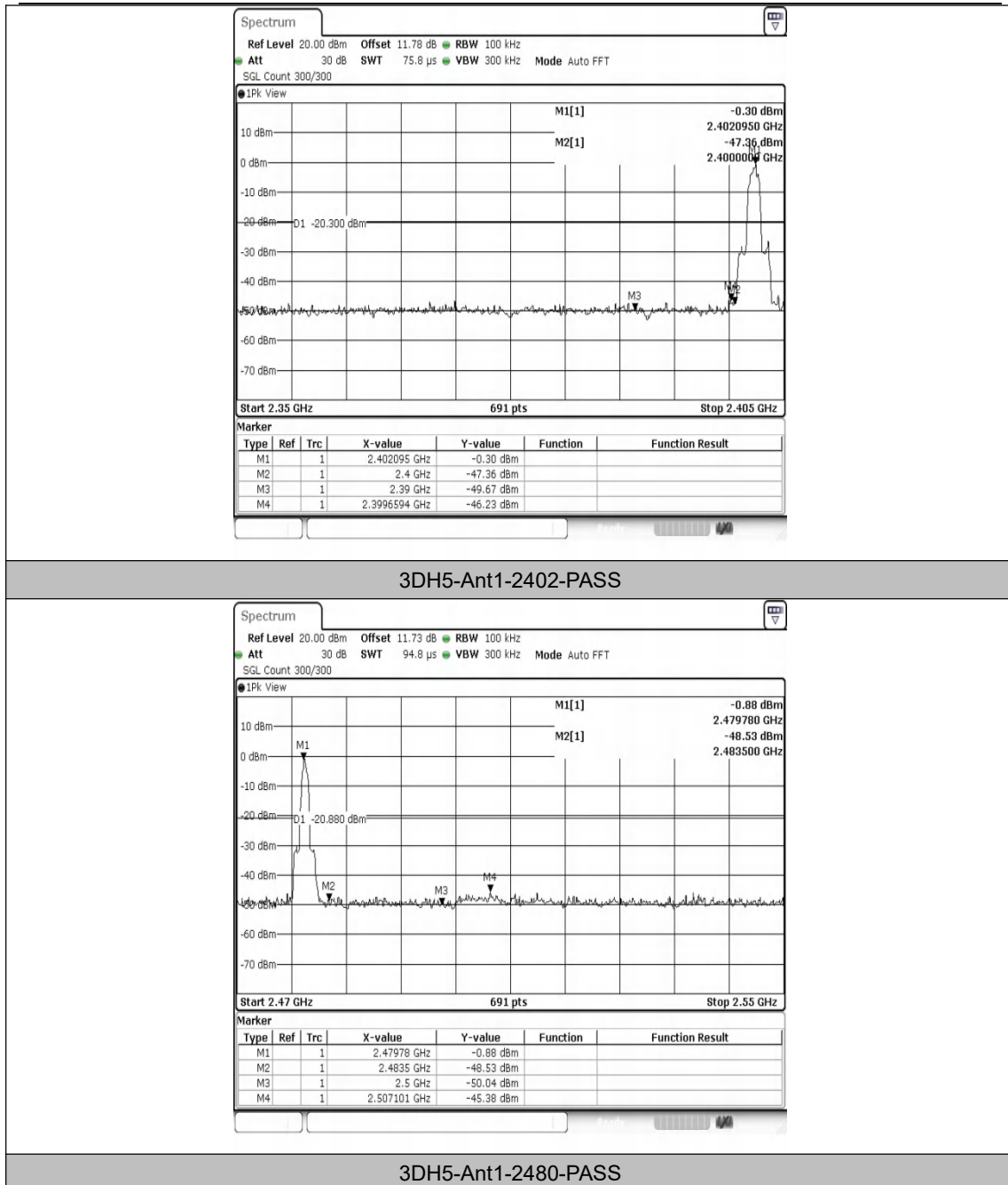
Test Graphs

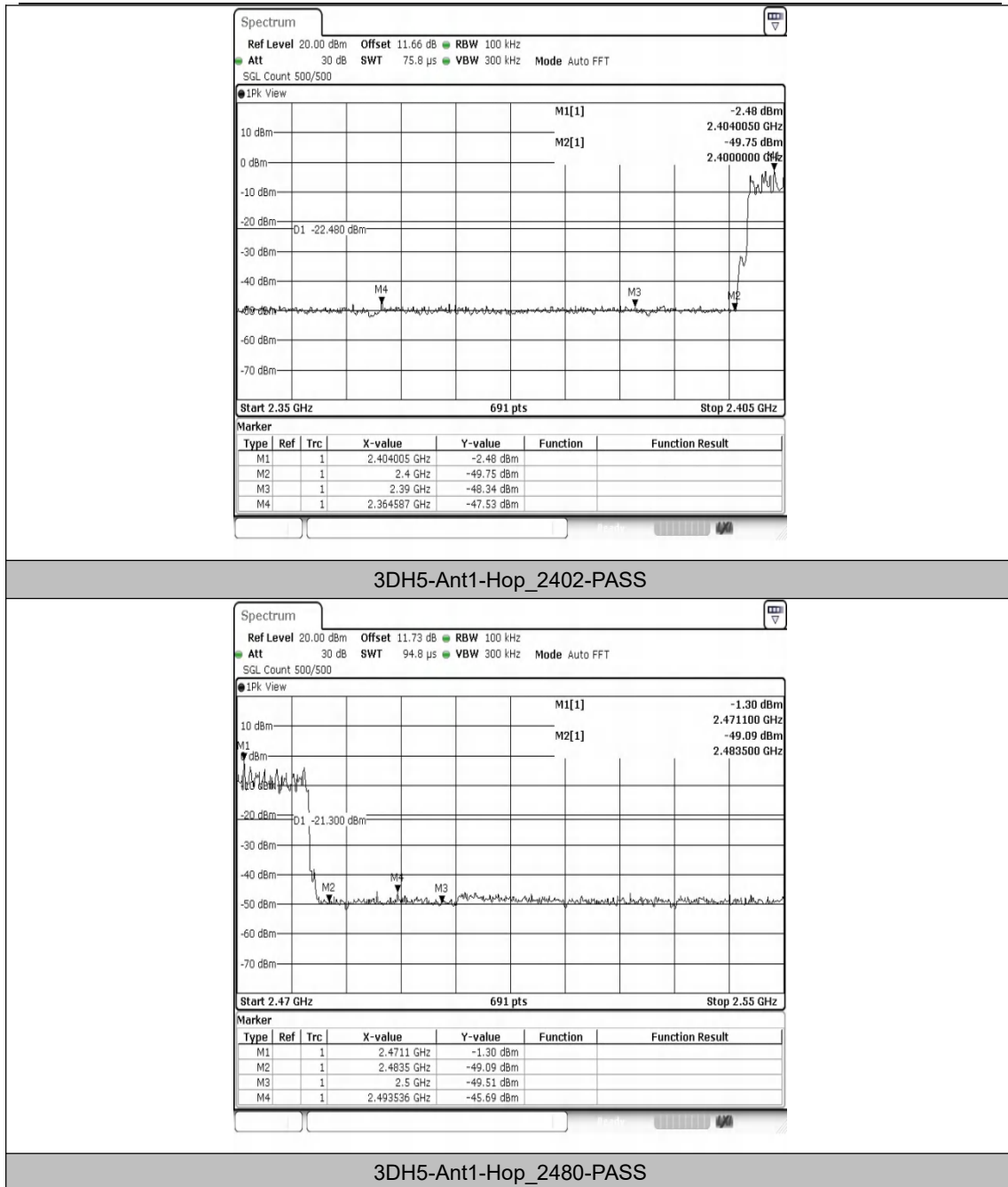












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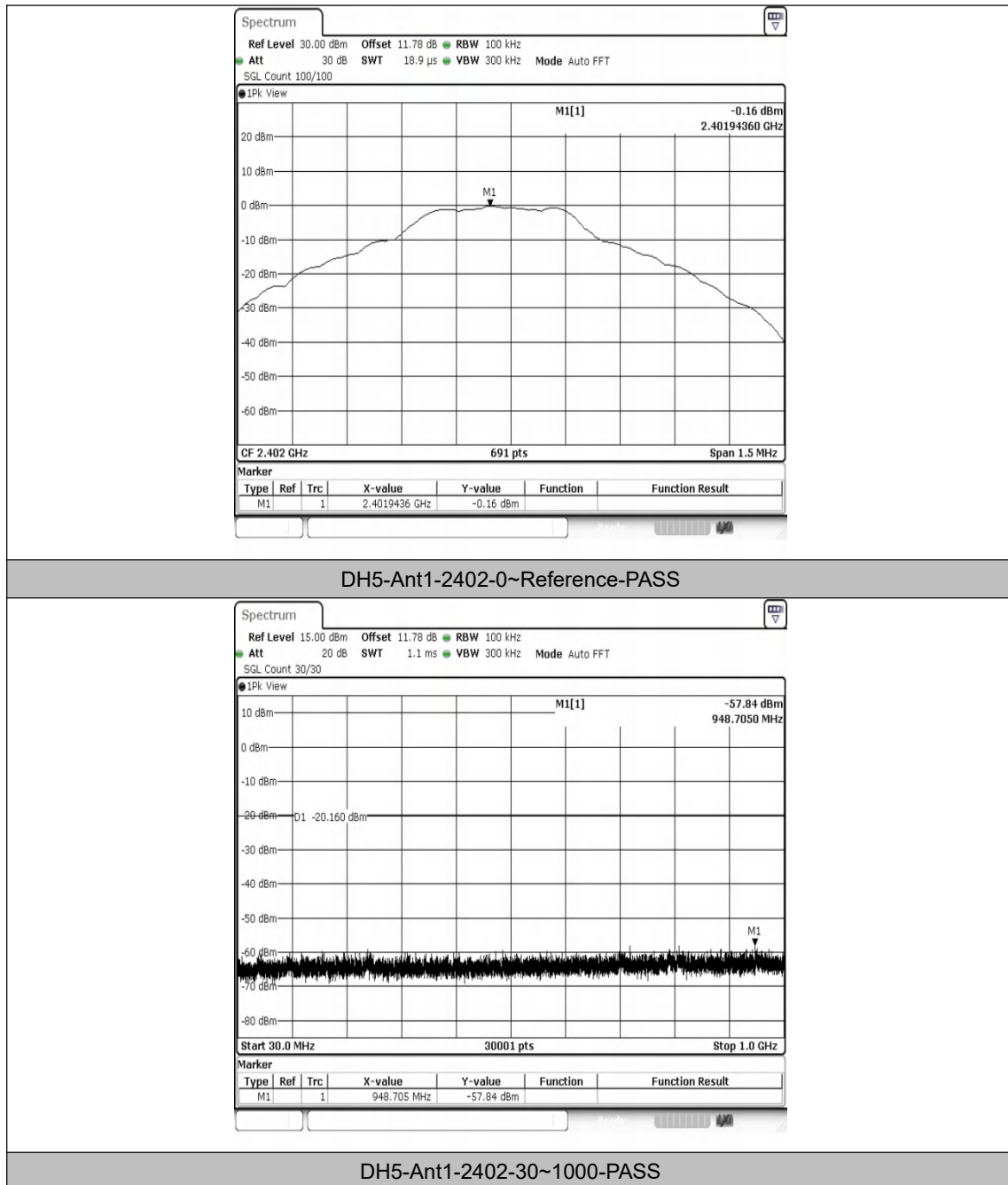
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-0.16	-0.16	---	PASS
DH5	Ant1	2402	30~1000	-0.16	-57.84	≤-20.16	PASS
DH5	Ant1	2402	1000~26500	-0.16	-44.29	≤-20.16	PASS
DH5	Ant1	2441	0~Reference	-0.56	-0.56	---	PASS
DH5	Ant1	2441	30~1000	-0.56	-56.92	≤-20.56	PASS
DH5	Ant1	2441	1000~26500	-0.56	-44.38	≤-20.56	PASS
DH5	Ant1	2480	0~Reference	-1.38	-1.38	---	PASS
DH5	Ant1	2480	30~1000	-1.38	-58.32	≤-21.38	PASS
DH5	Ant1	2480	1000~26500	-1.38	-44.25	≤-21.38	PASS
2DH5	Ant1	2402	0~Reference	-3.08	-3.08	---	PASS
2DH5	Ant1	2402	30~1000	-3.08	-58.04	≤-23.08	PASS
2DH5	Ant1	2402	1000~26500	-3.08	-42.22	≤-23.08	PASS
2DH5	Ant1	2441	0~Reference	-0.86	-0.86	---	PASS
2DH5	Ant1	2441	30~1000	-0.86	-56.2	≤-20.86	PASS
2DH5	Ant1	2441	1000~26500	-0.86	-43.2	≤-20.86	PASS
2DH5	Ant1	2480	0~Reference	-1.80	-1.80	---	PASS
2DH5	Ant1	2480	30~1000	-1.80	-57.15	≤-21.8	PASS
2DH5	Ant1	2480	1000~26500	-1.80	-44.07	≤-21.8	PASS
3DH5	Ant1	2402	0~Reference	-0.21	-0.21	---	PASS
3DH5	Ant1	2402	30~1000	-0.21	-57.85	≤-20.21	PASS
3DH5	Ant1	2402	1000~26500	-0.21	-44.05	≤-20.21	PASS
3DH5	Ant1	2441	0~Reference	-0.54	-0.54	---	PASS
3DH5	Ant1	2441	30~1000	-0.54	-57.31	≤-20.54	PASS
3DH5	Ant1	2441	1000~26500	-0.54	-44.27	≤-20.54	PASS
3DH5	Ant1	2480	0~Reference	-1.81	-1.81	---	PASS
3DH5	Ant1	2480	30~1000	-1.81	-58.41	≤-21.81	PASS
3DH5	Ant1	2480	1000~26500	-1.81	-43.24	≤-21.81	PASS



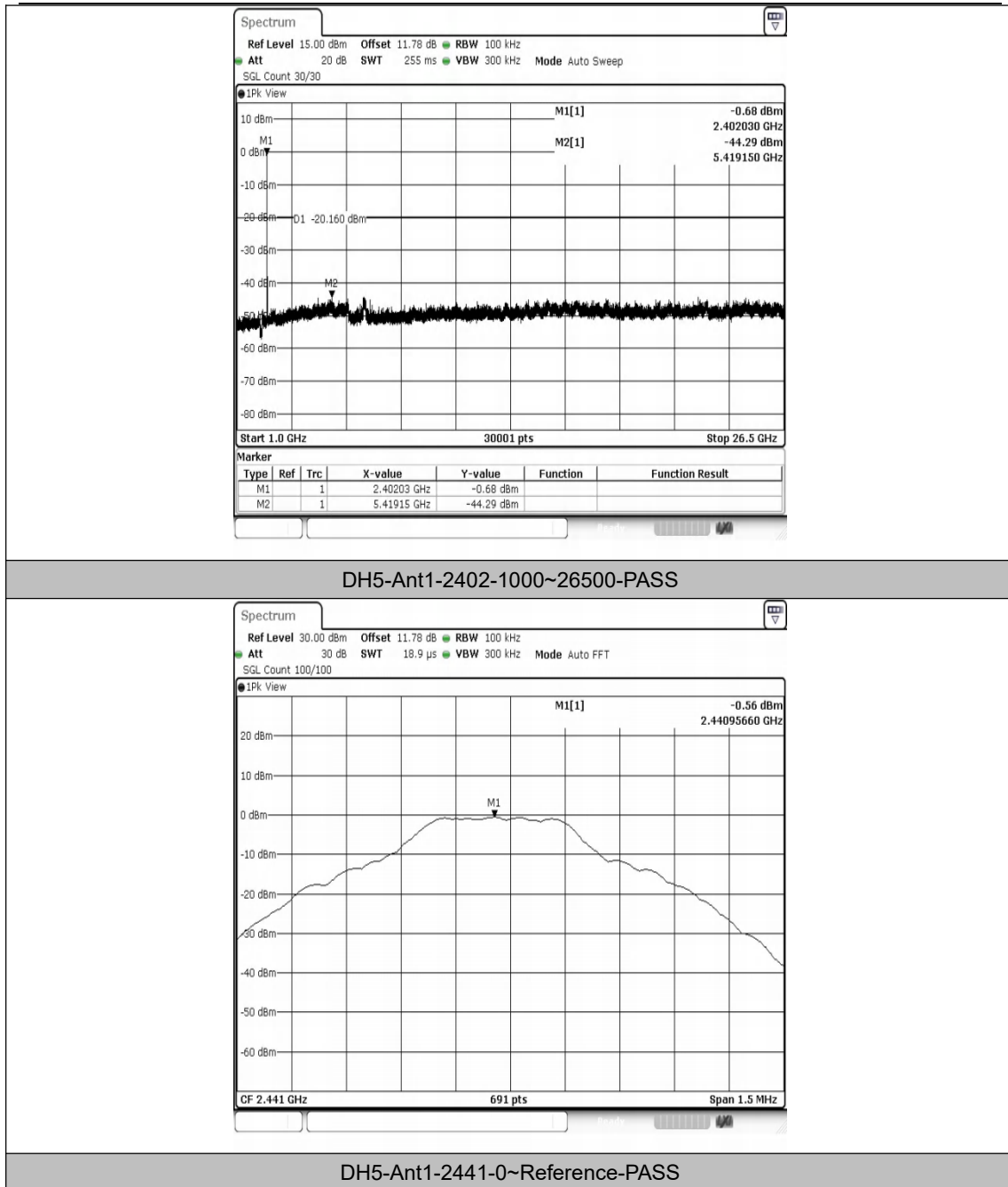
Test Graphs

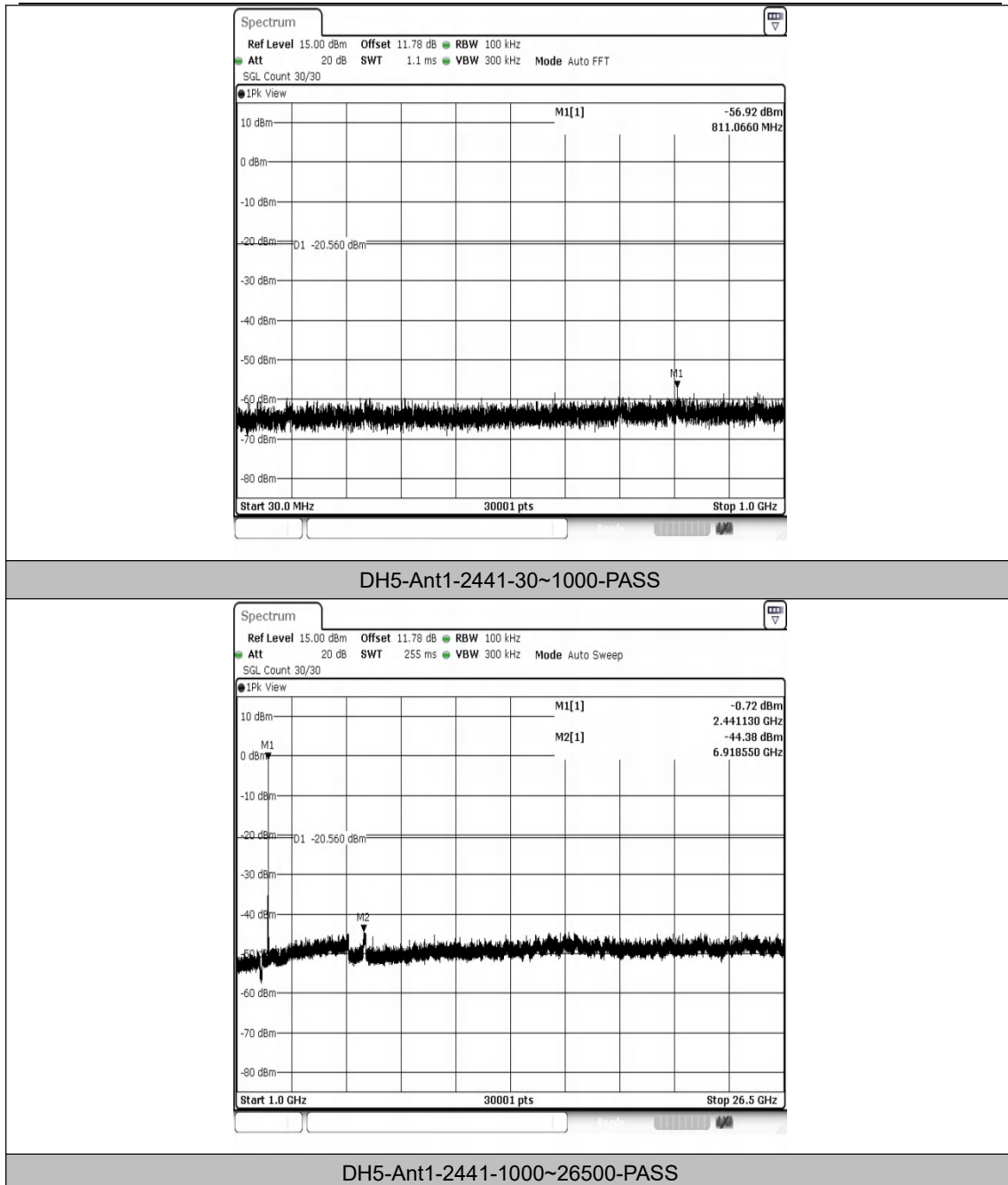


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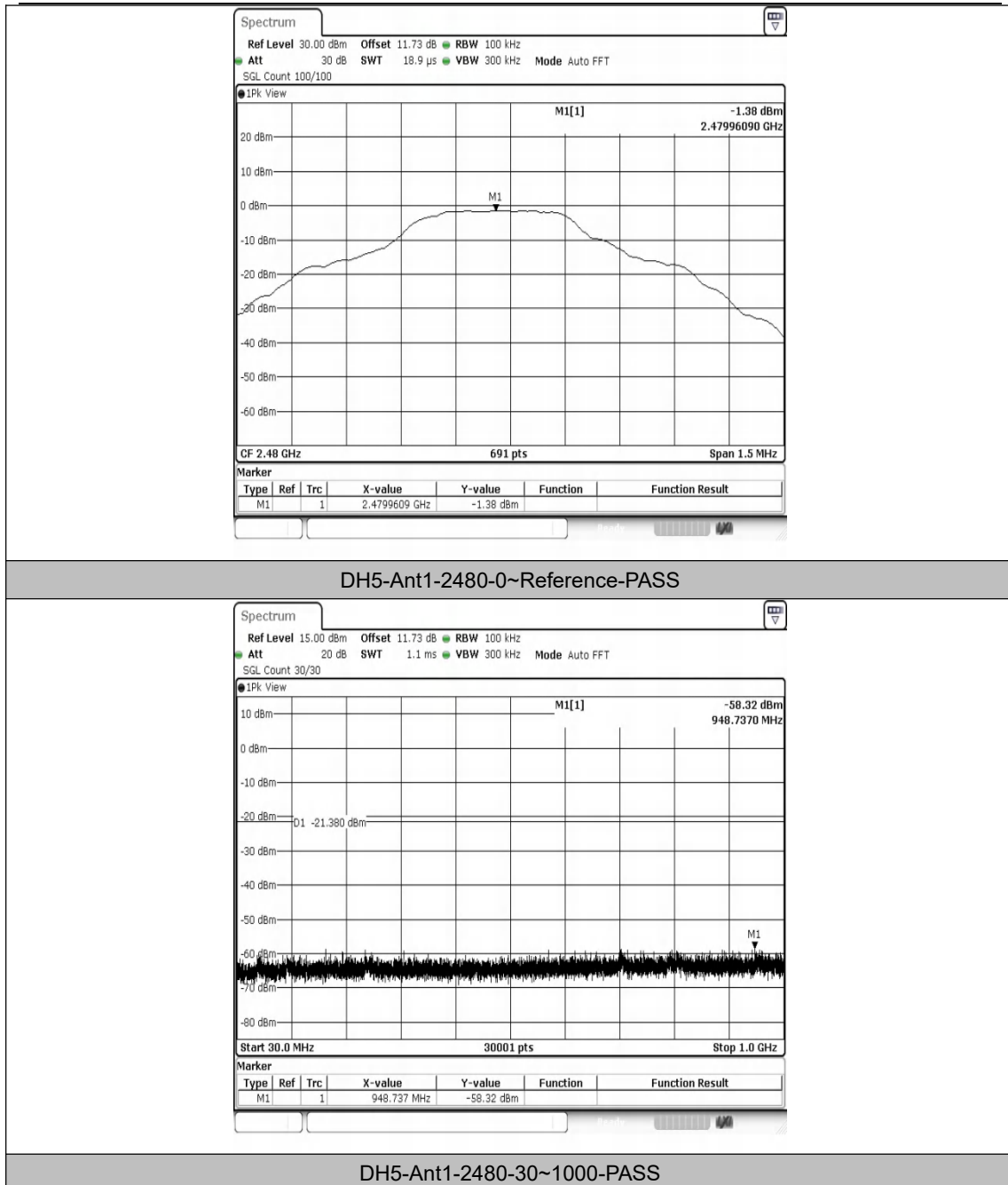




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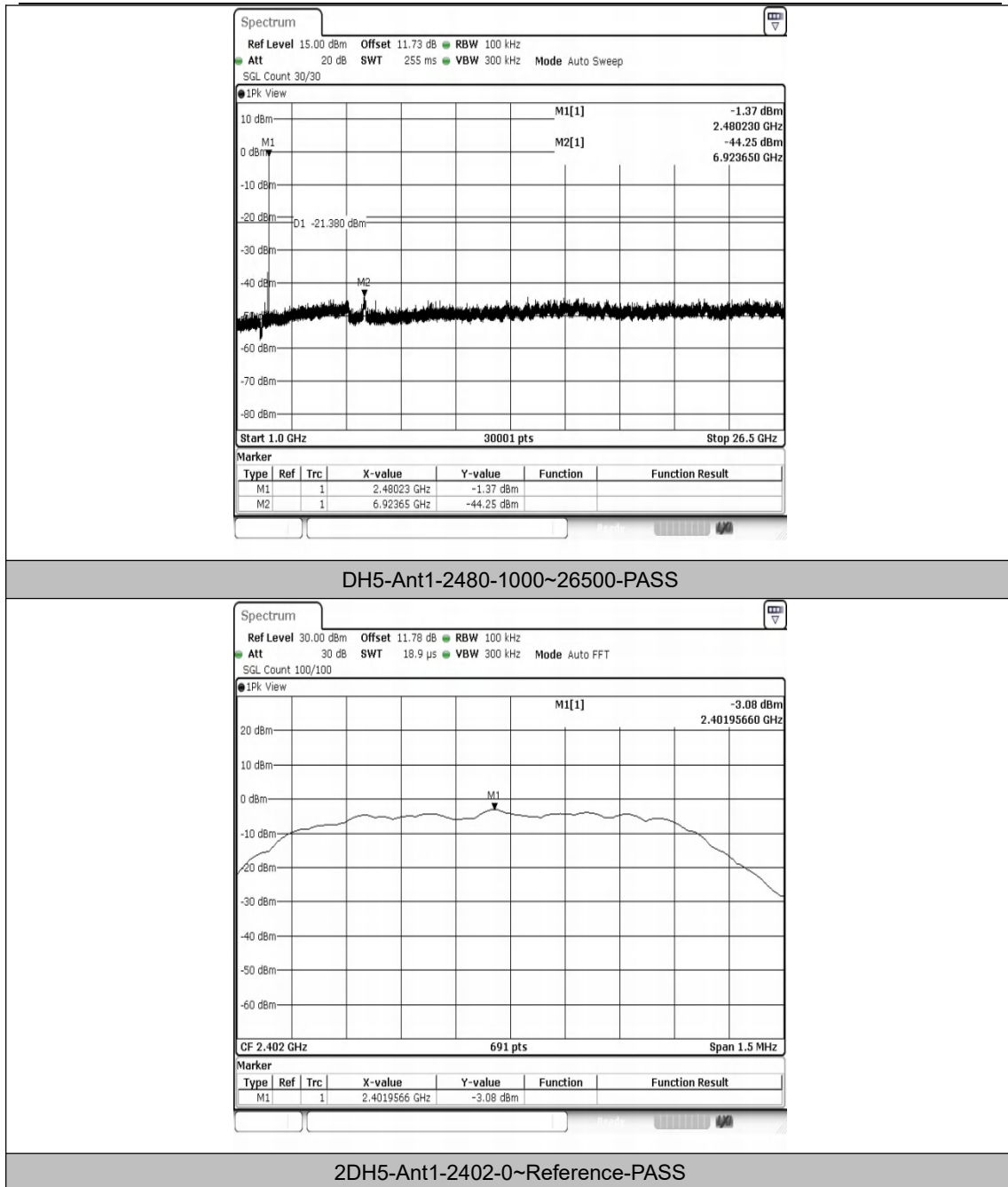
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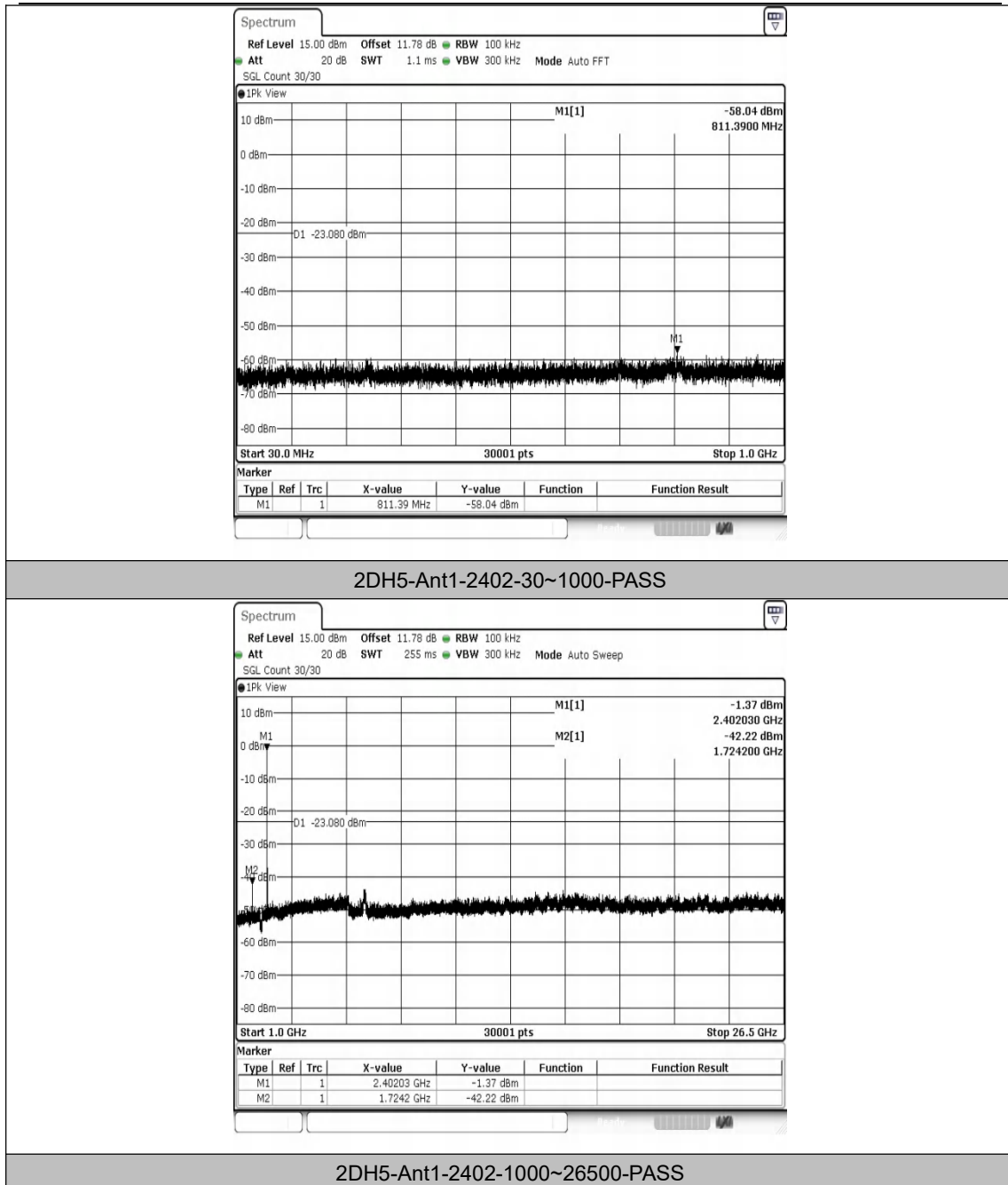
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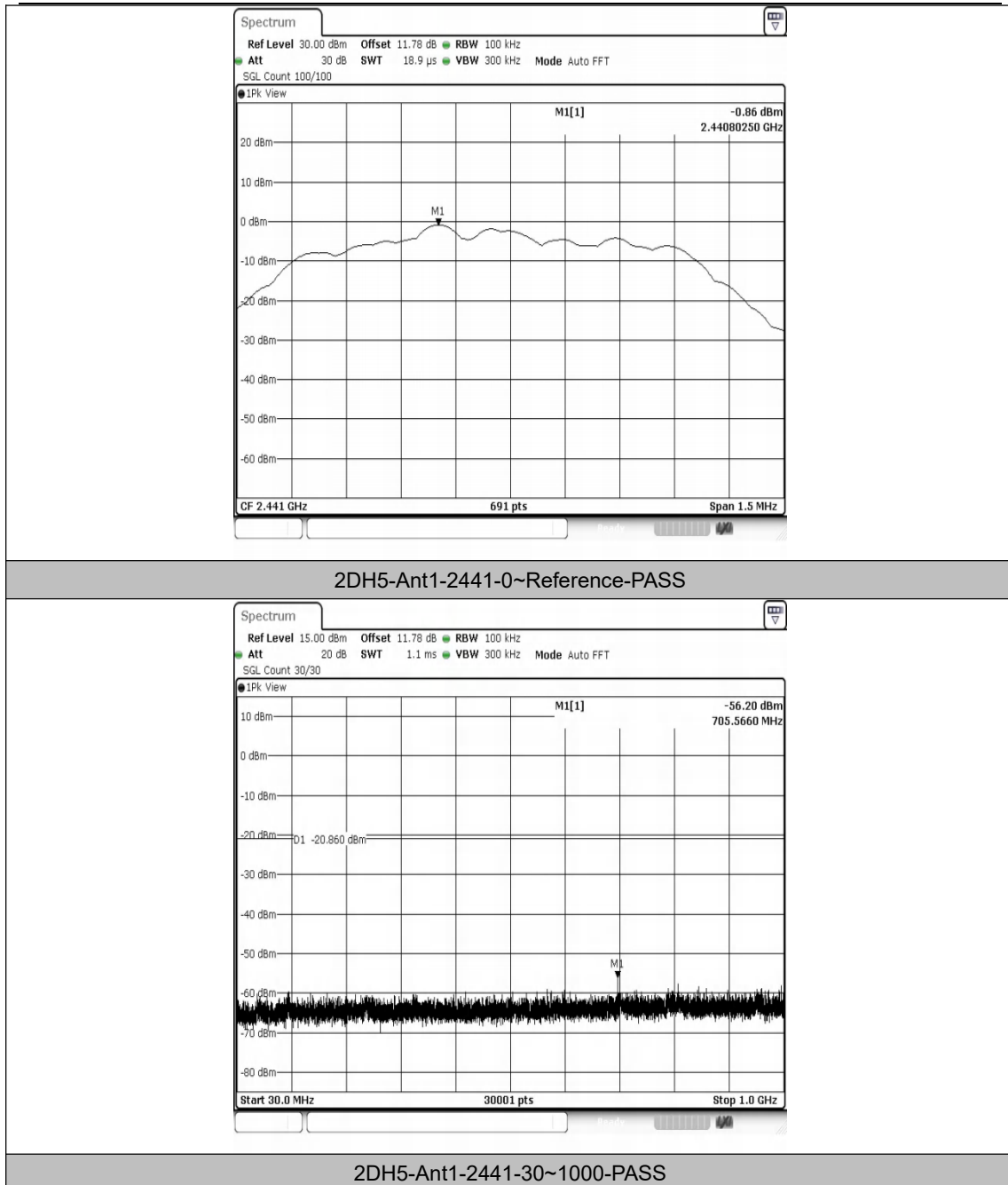
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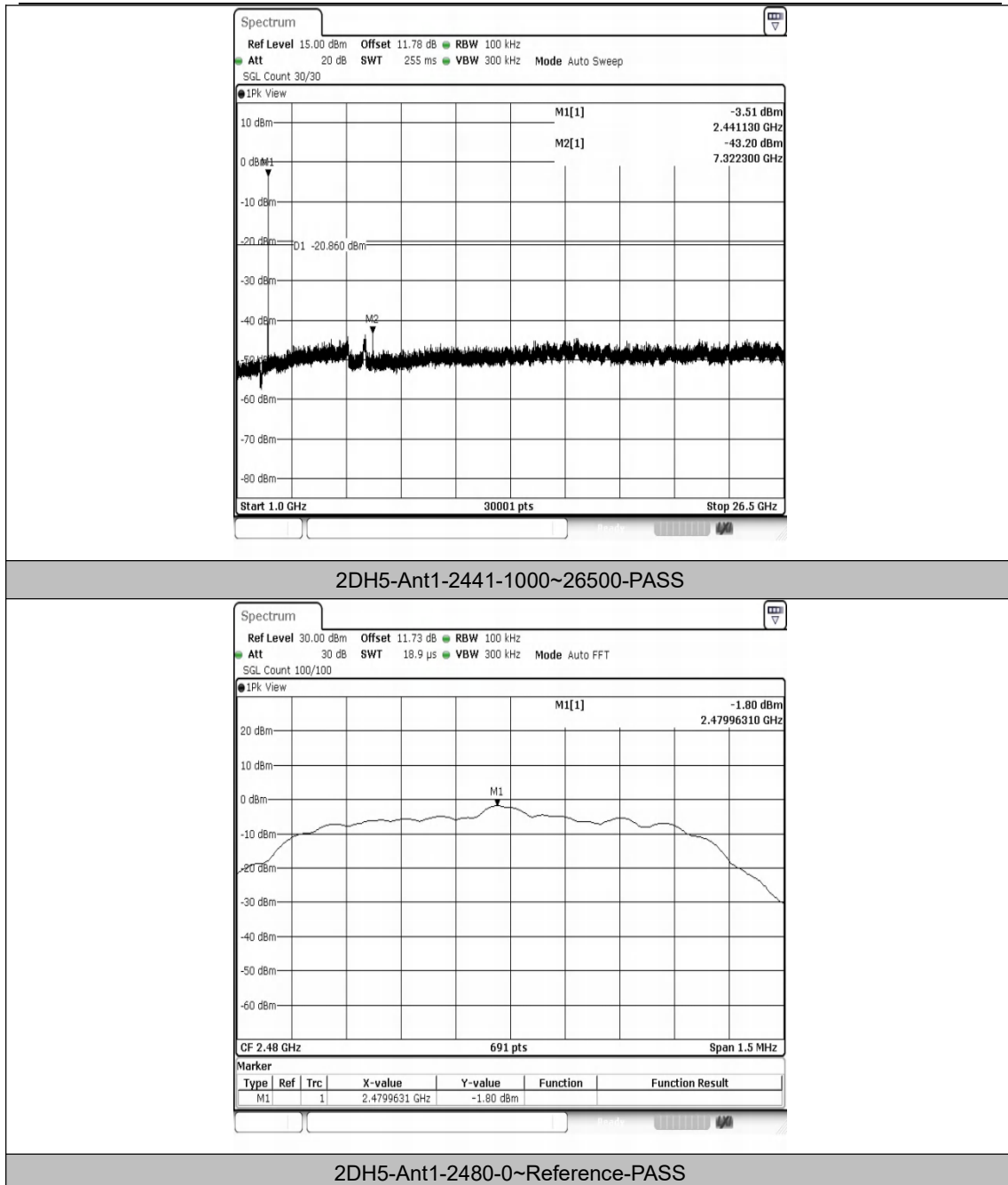
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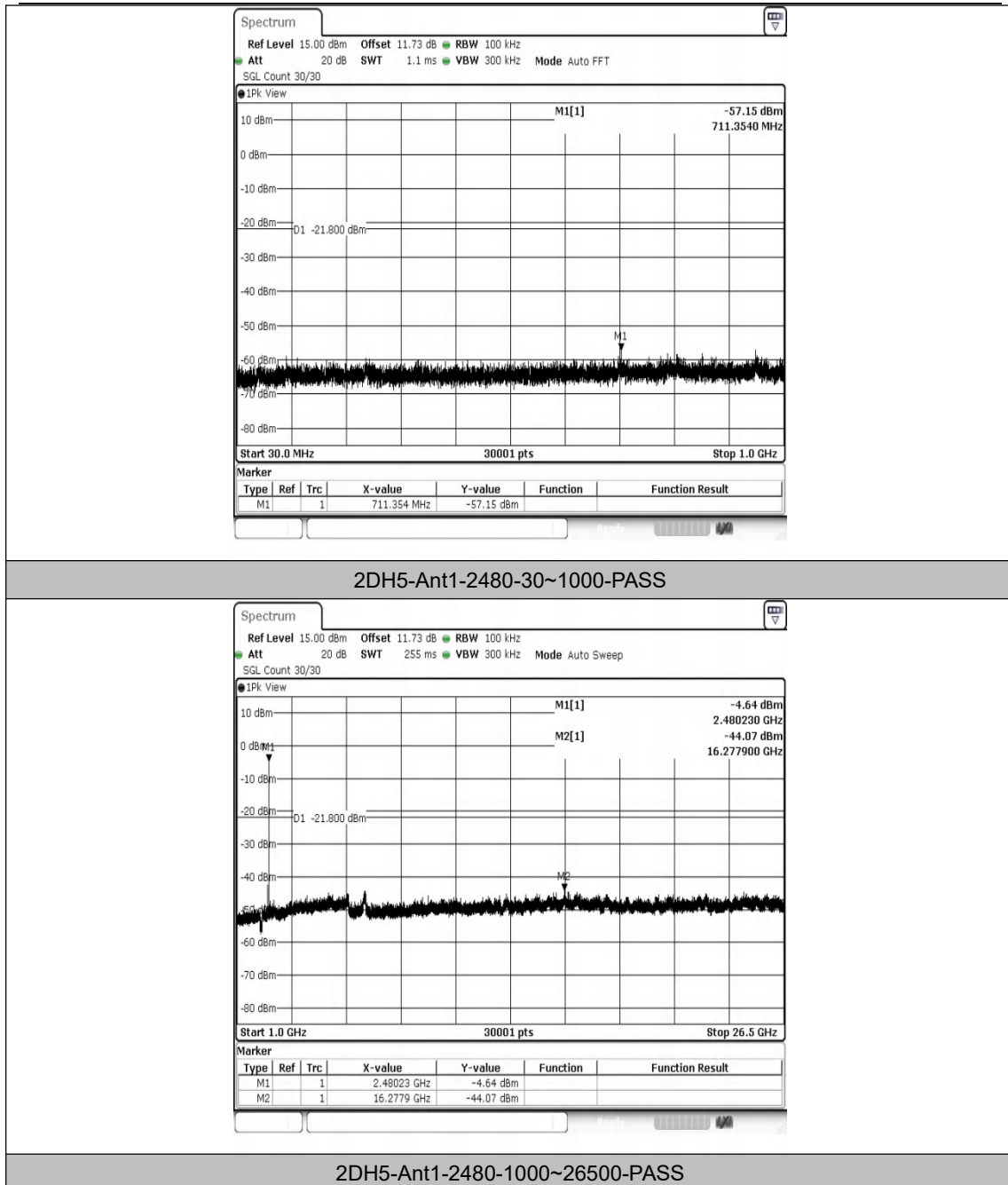


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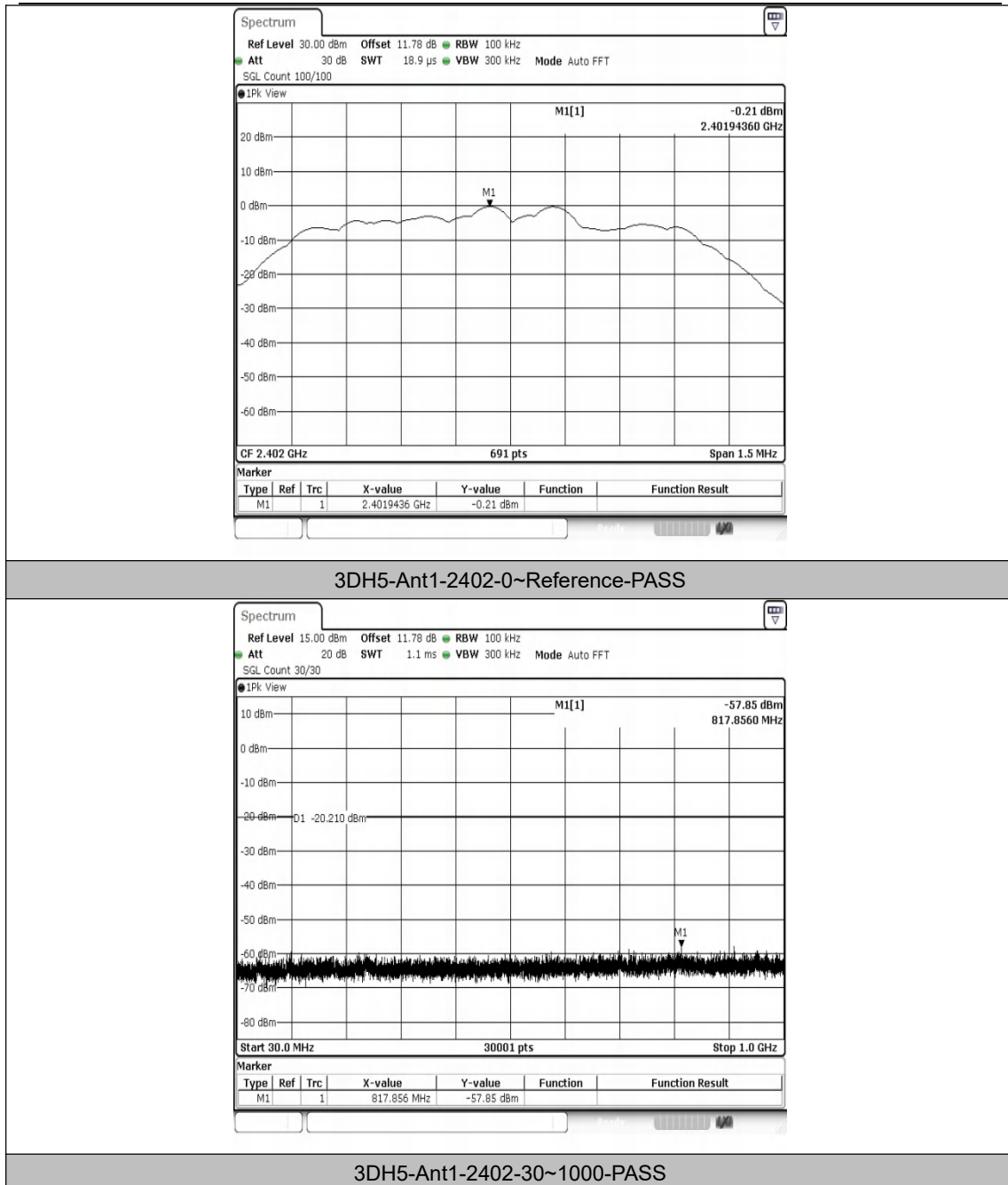




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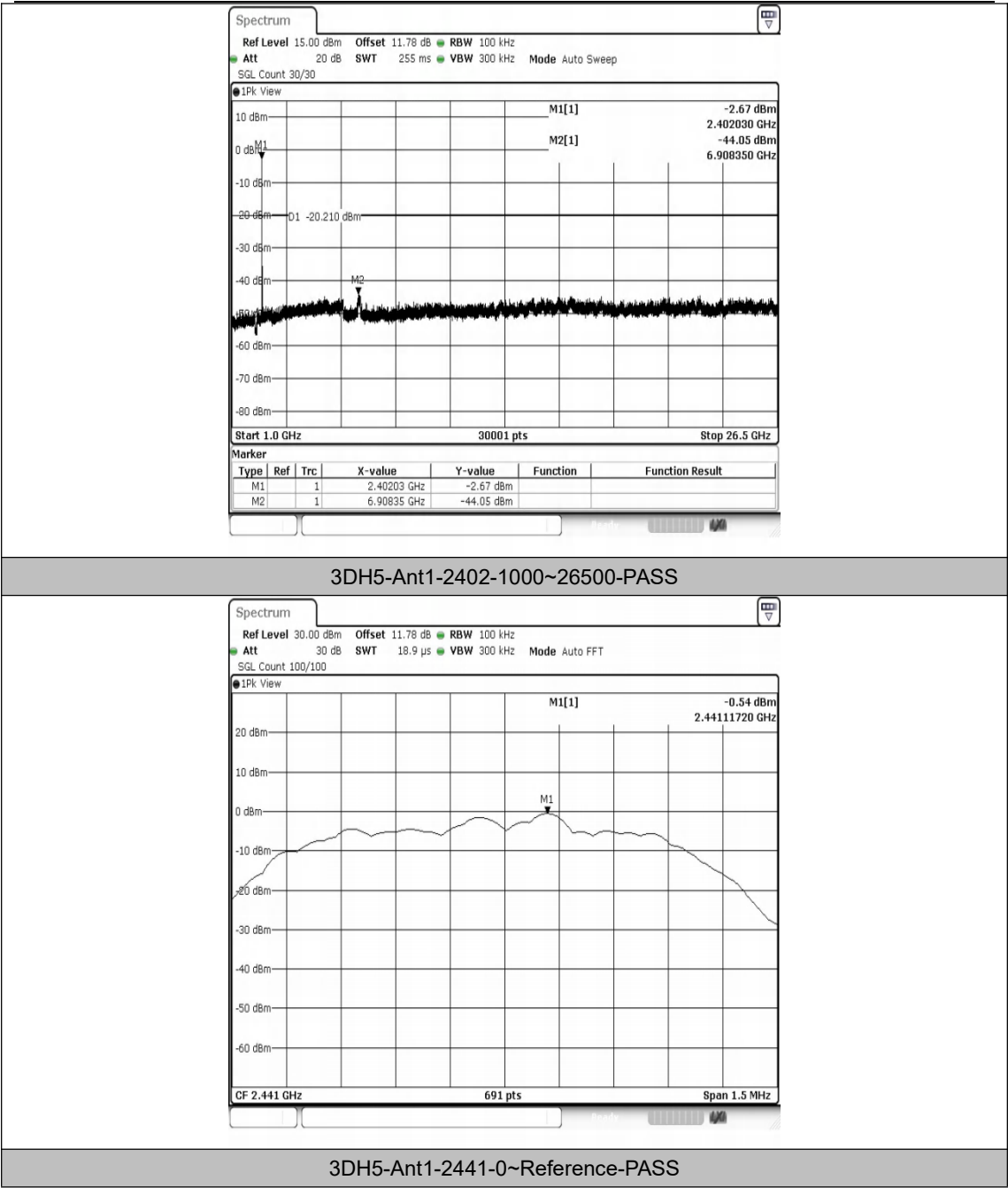
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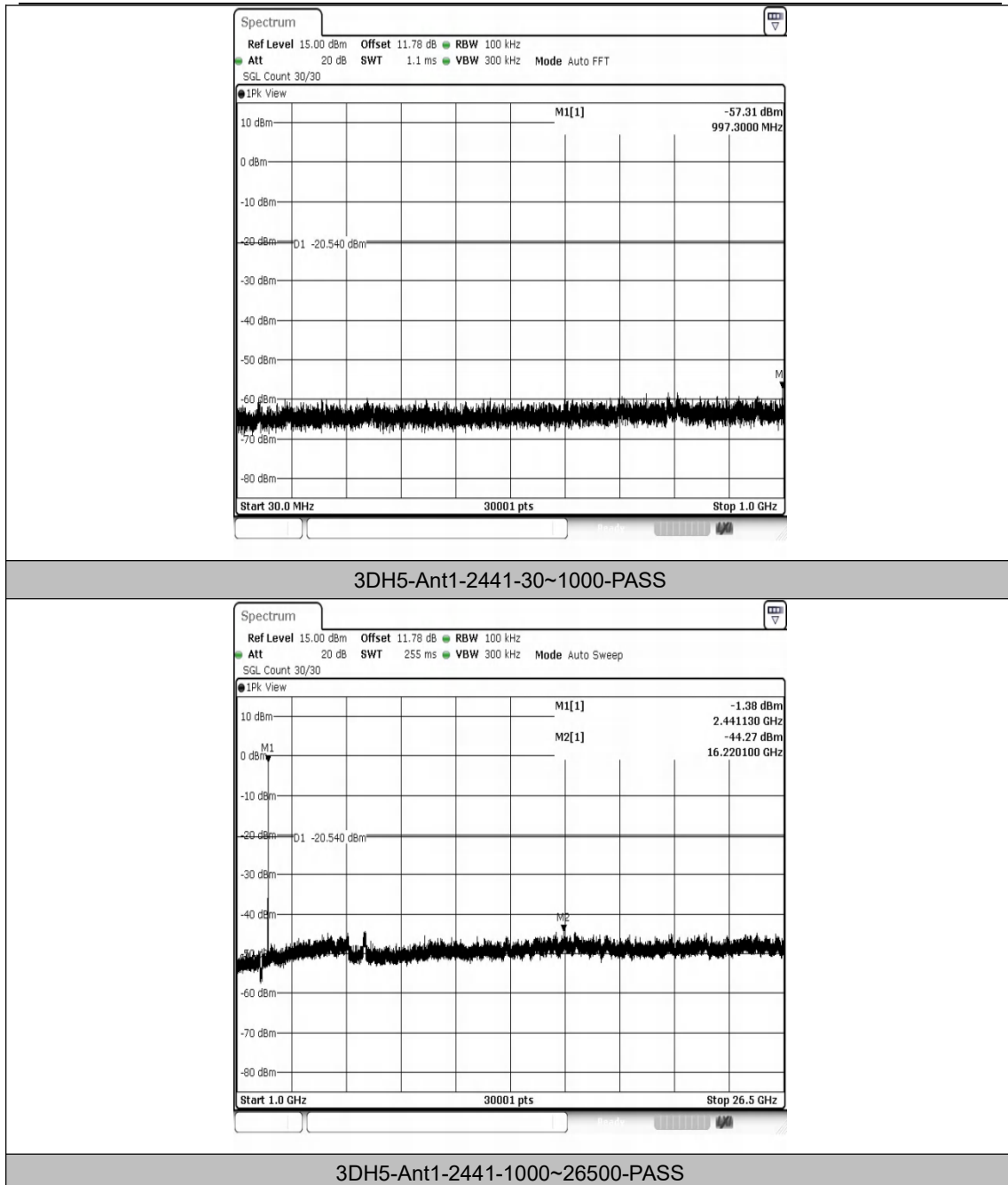


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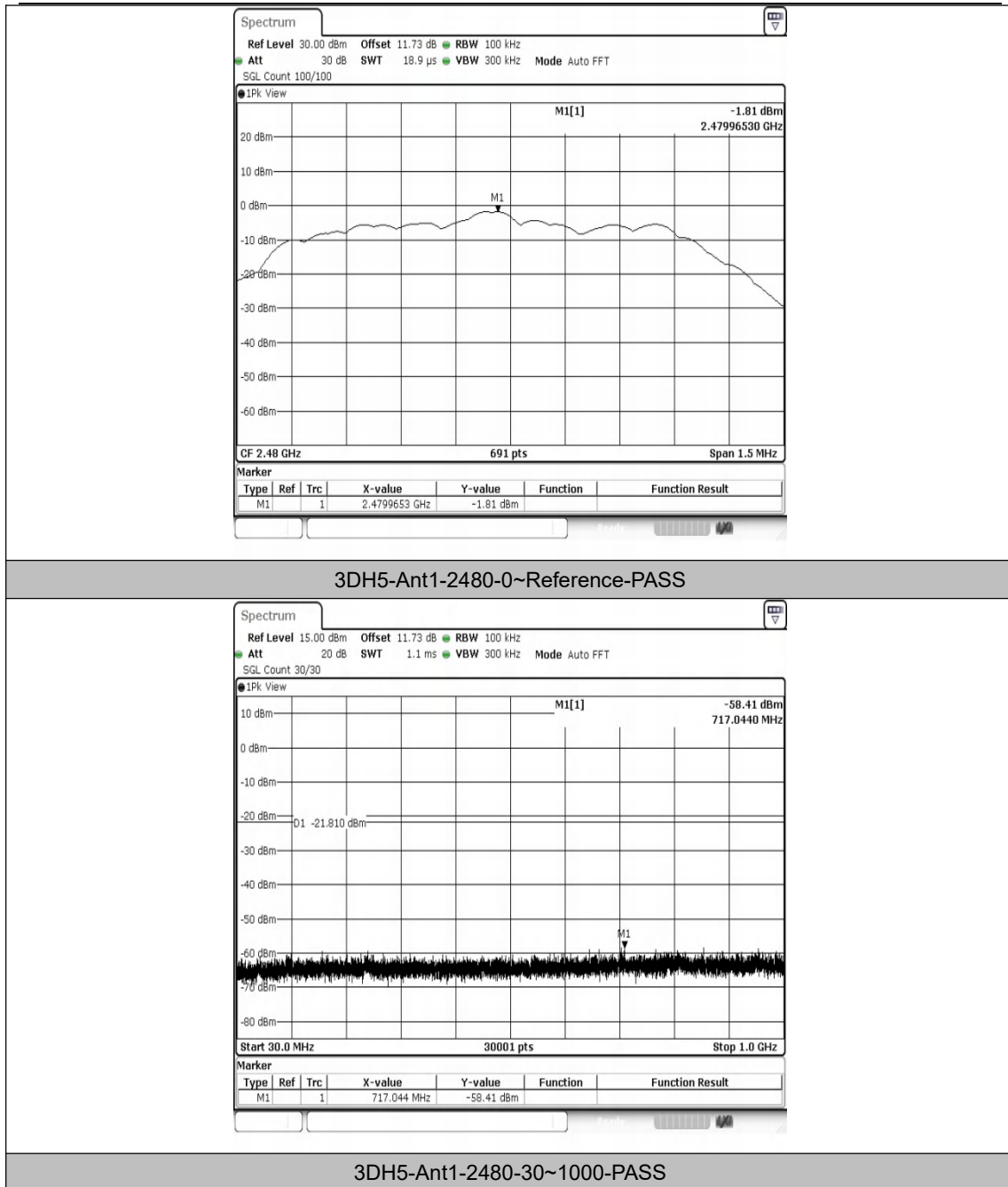




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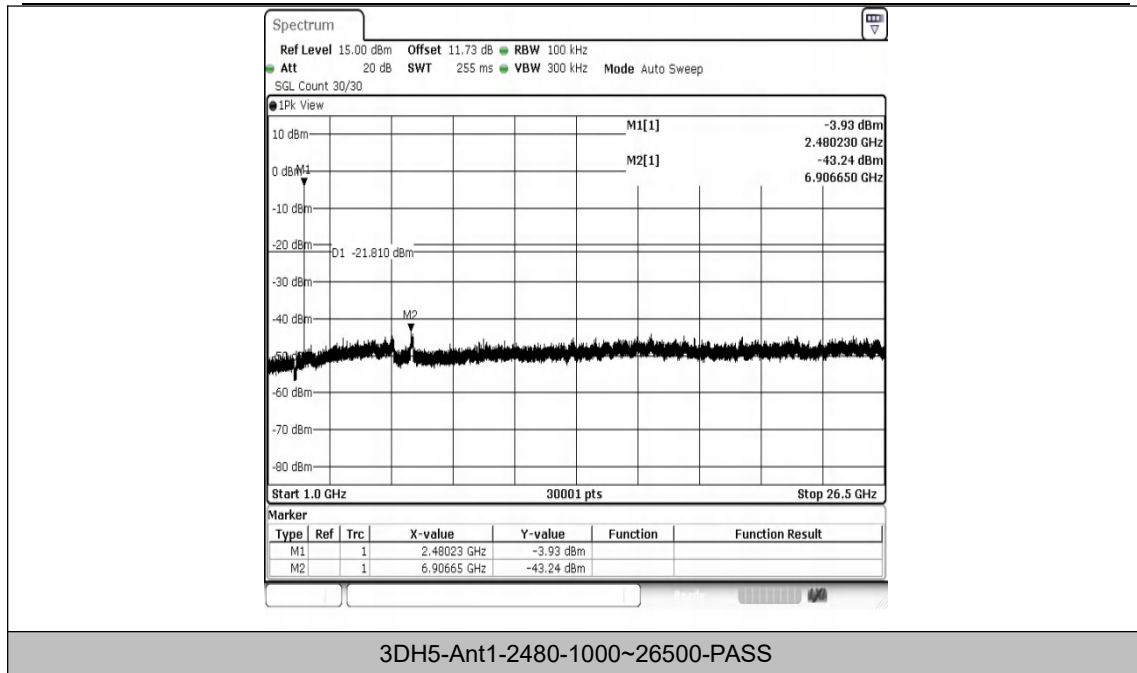


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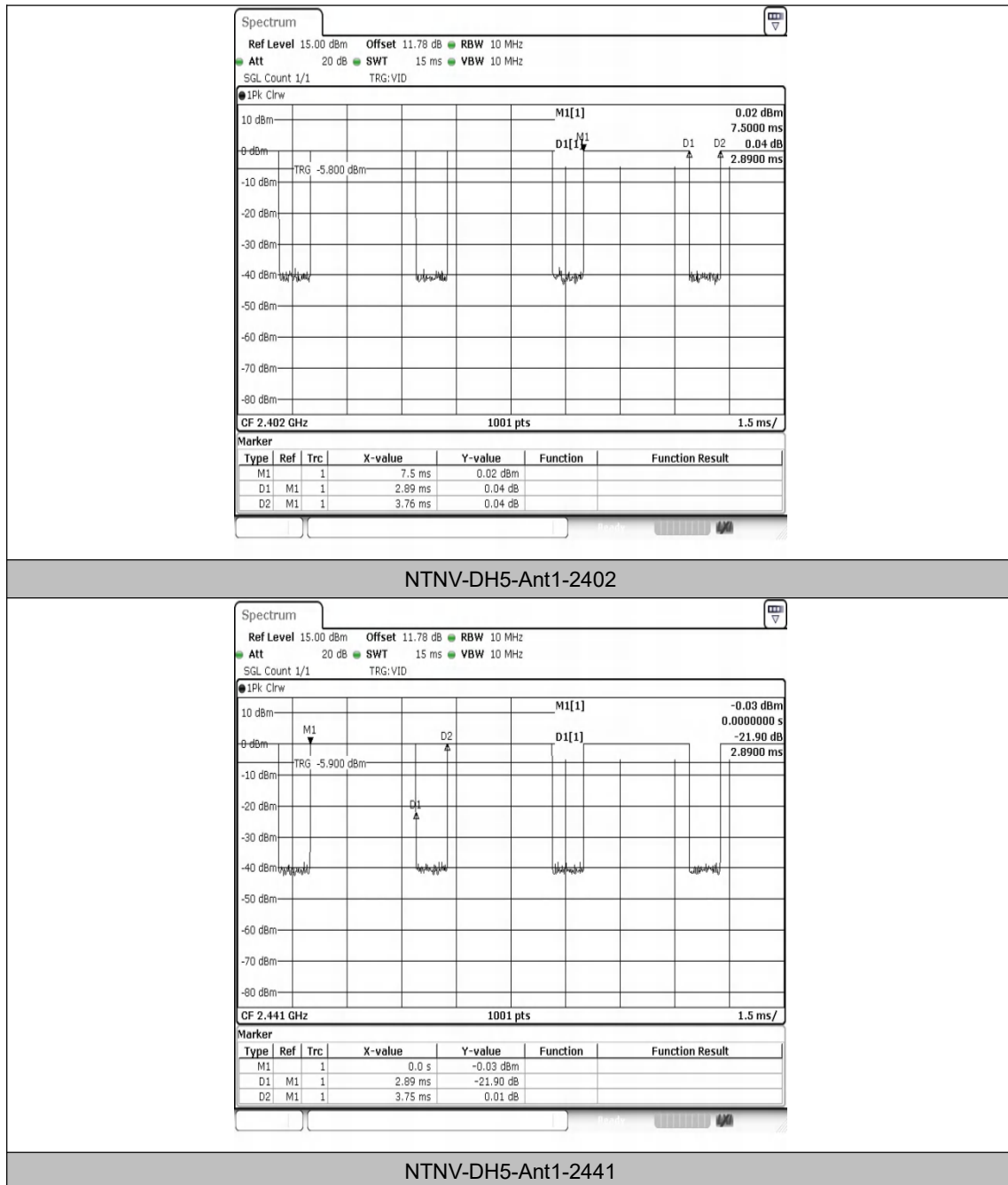
Appendix I: Duty Cycle

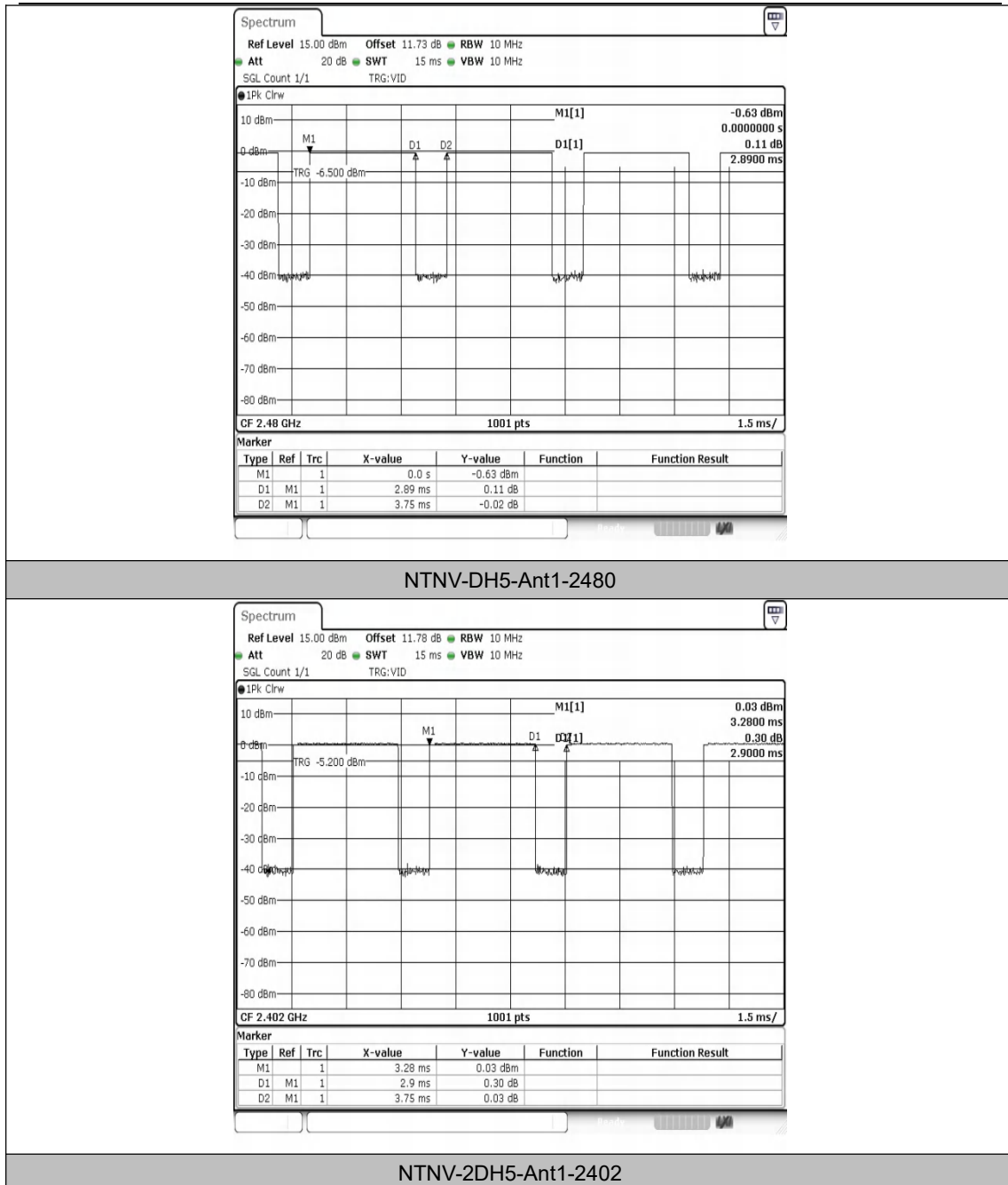
Test Result

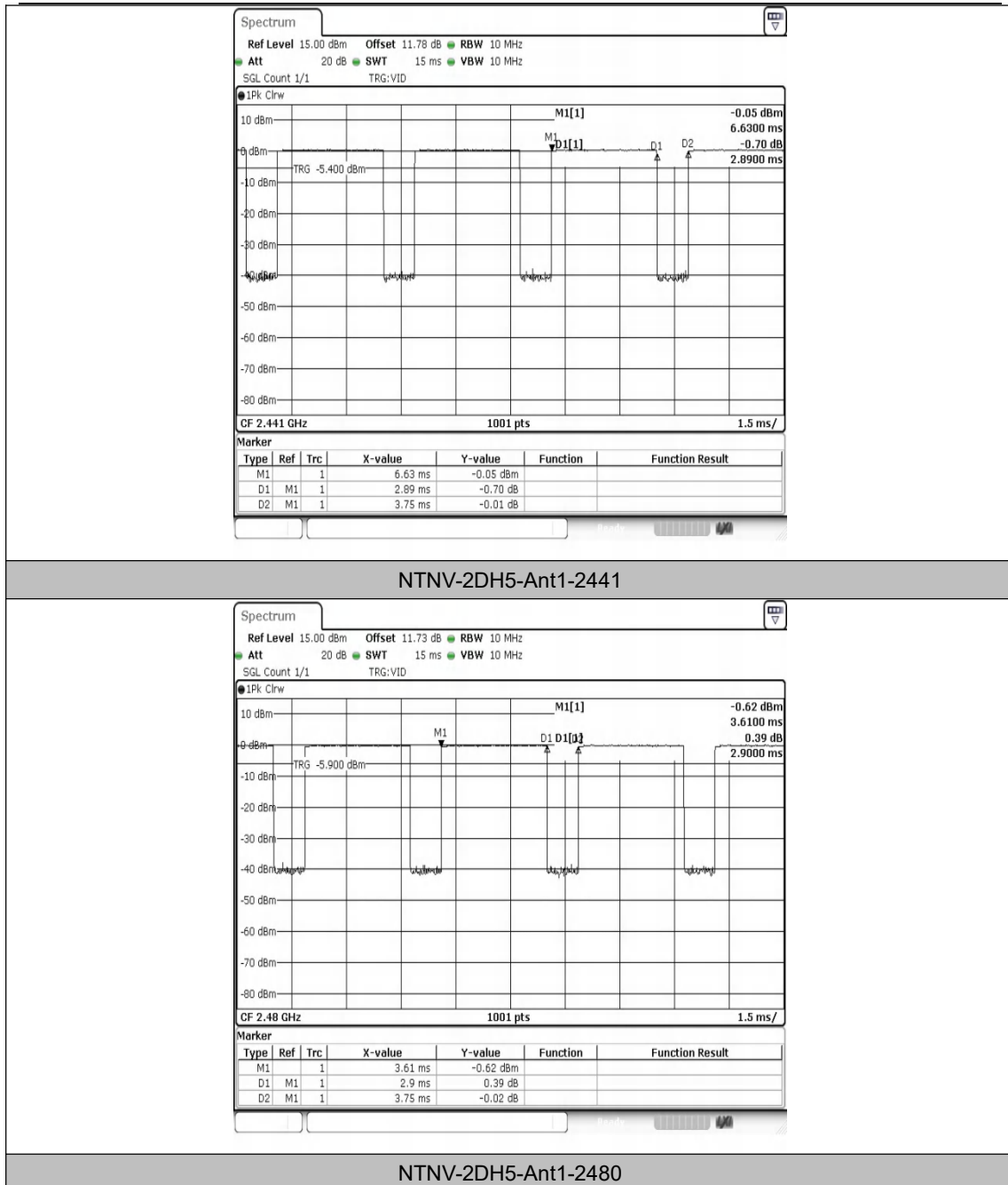
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.89	3.76	76.86	1.14
DH5	Ant1	2441	2.89	3.75	77.07	1.13
DH5	Ant1	2480	2.89	3.75	77.07	1.13
2DH5	Ant1	2402	2.90	3.75	77.33	1.12
2DH5	Ant1	2441	2.89	3.75	77.07	1.13
2DH5	Ant1	2480	2.90	3.75	77.33	1.12
3DH5	Ant1	2402	2.89	3.75	77.07	1.13
3DH5	Ant1	2441	2.89	3.75	77.07	1.13
3DH5	Ant1	2480	2.89	3.75	77.07	1.13

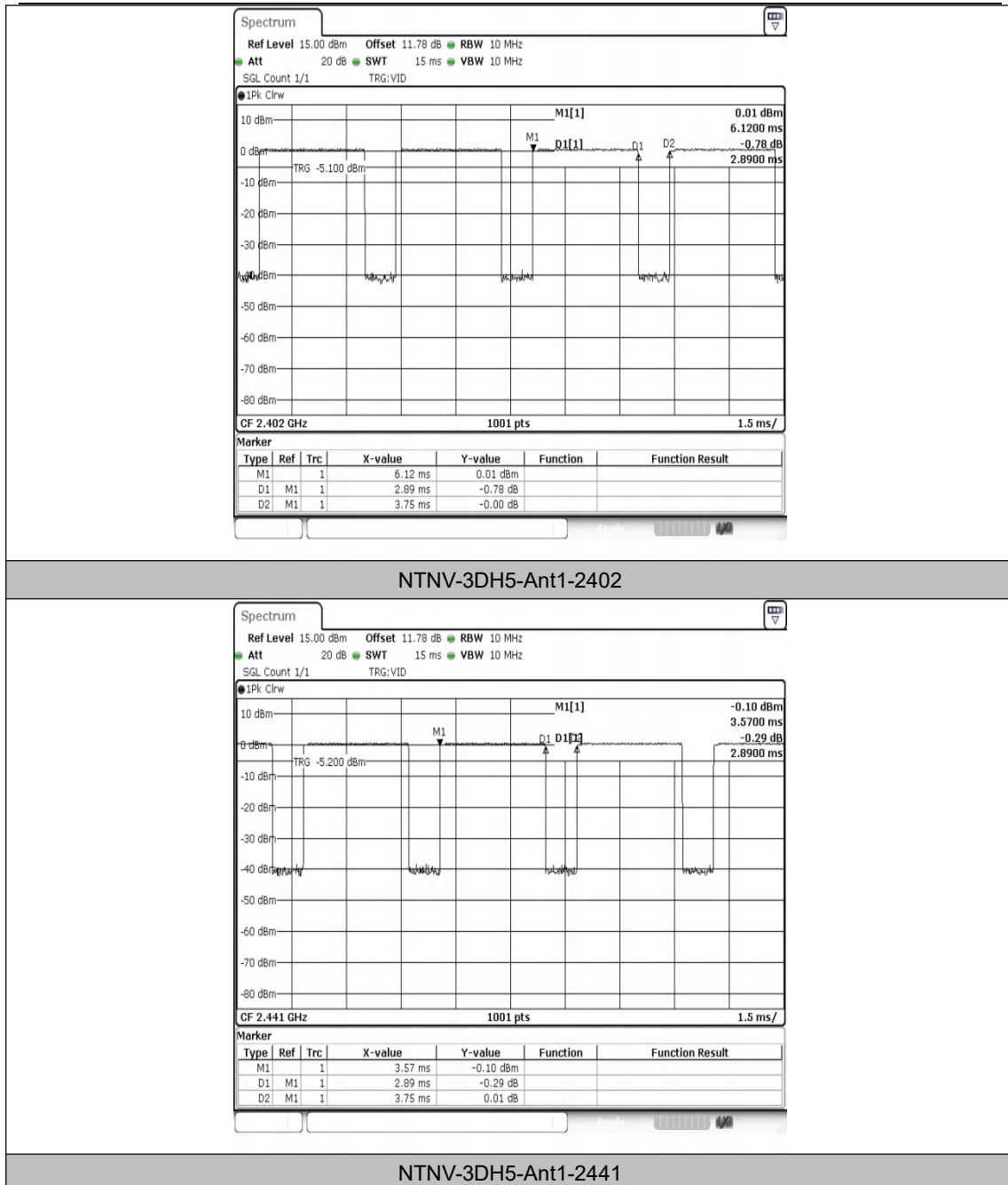


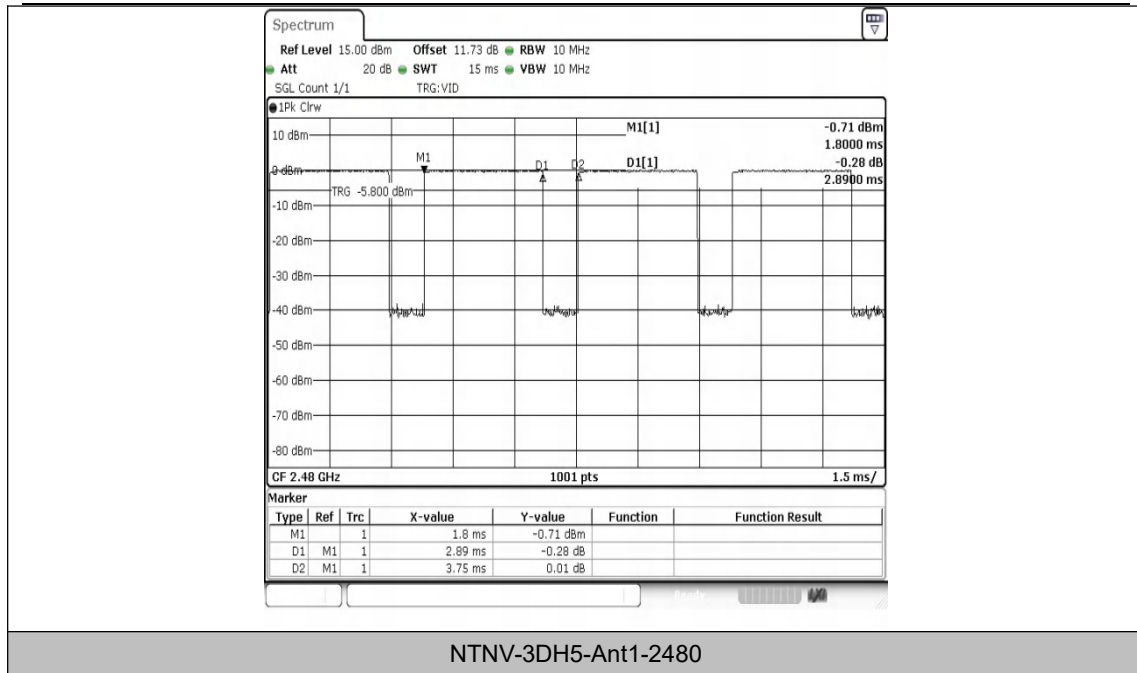
Test Graphs











---End---

