

Appendix Test Data

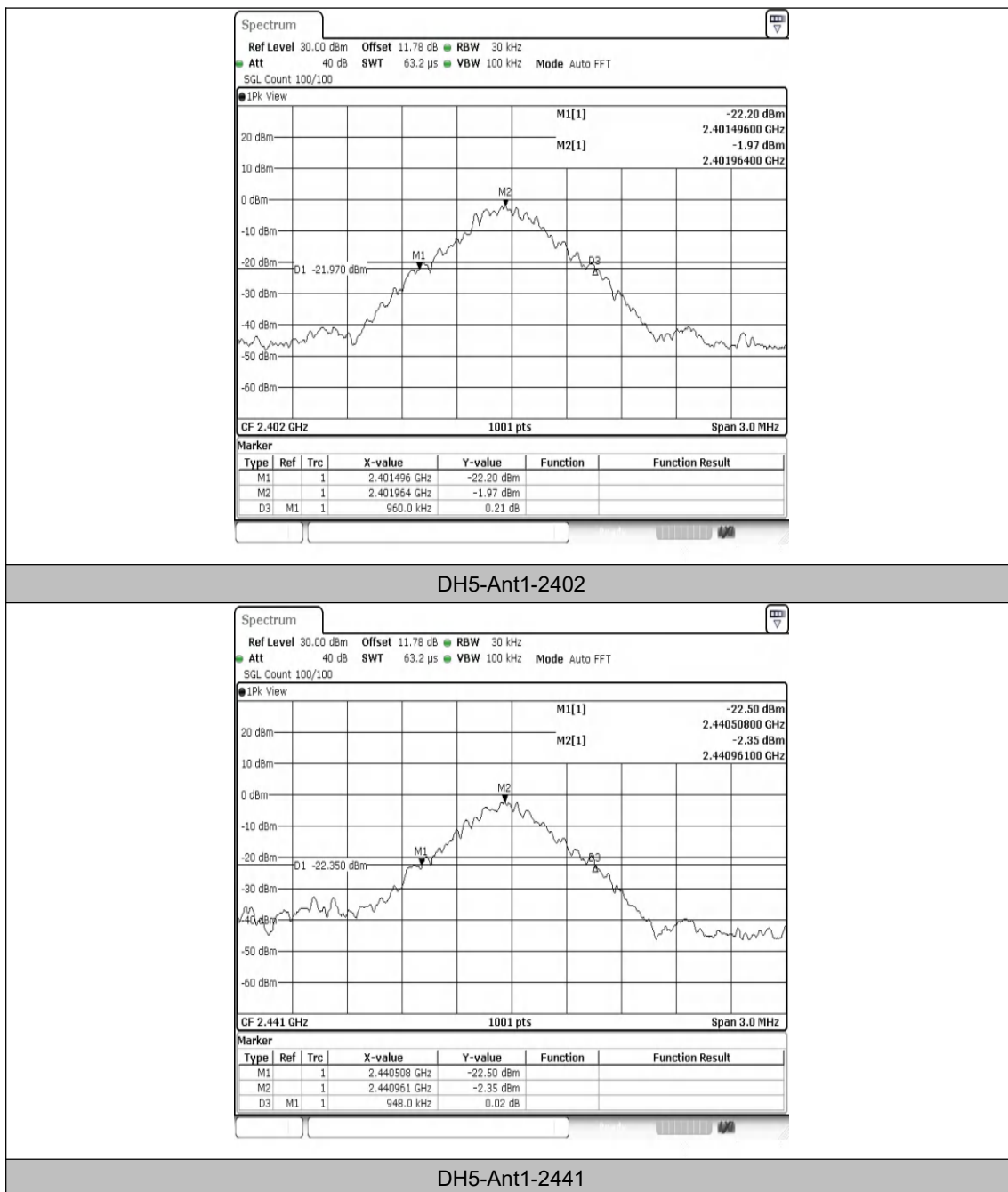
Report No.:	1819C40110312501	Test Sample No.:	1-2-2
Start Test Date:	2024.12.25	Finish Test Date:	2025.1.3
Test Engineer:	<i>Joker Huang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	23.3℃	Relative Humidity:	56%
Pressure:	101kPa		

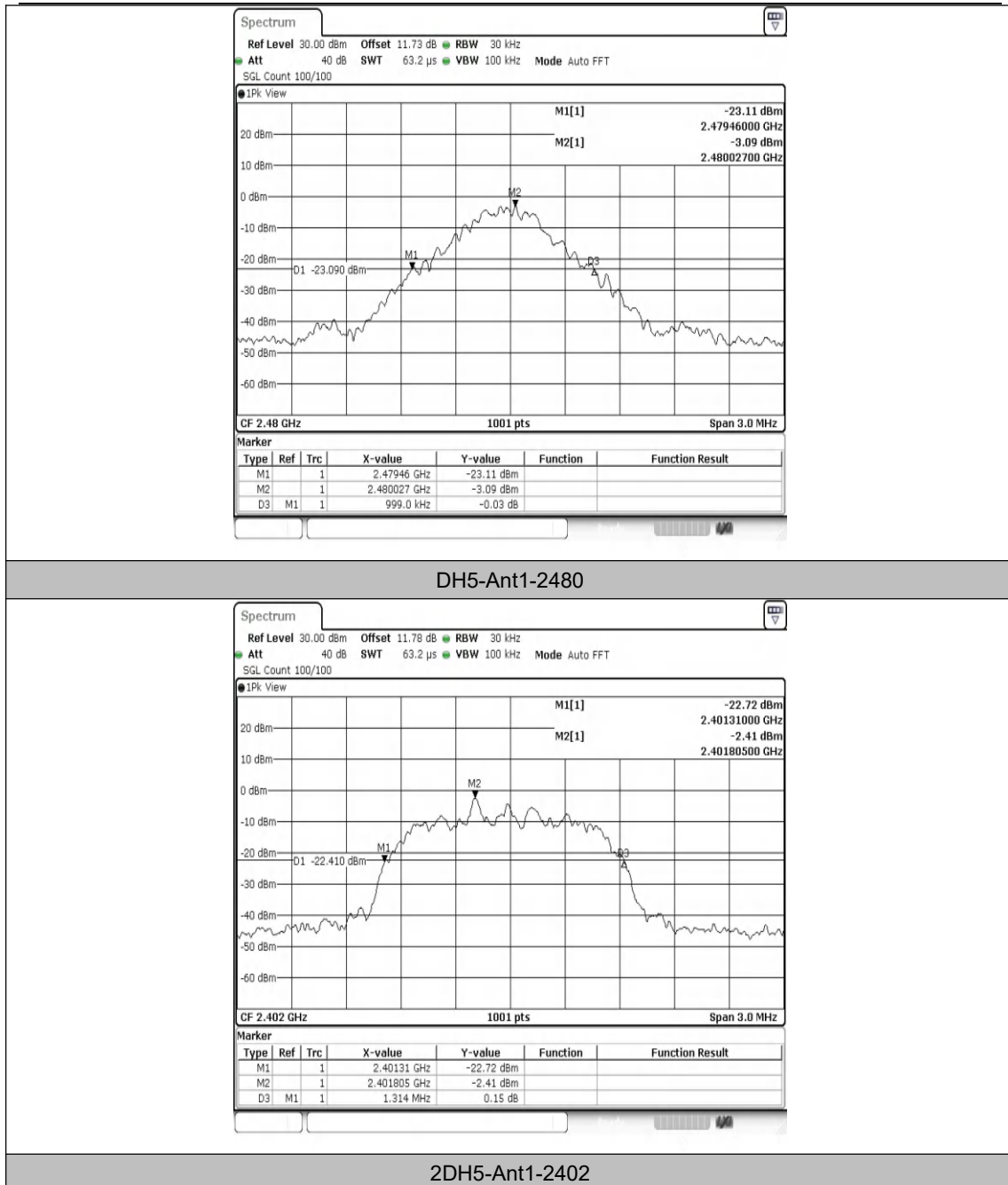
Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.96	2401.50	2402.46	---	---
DH5	Ant1	2441	0.95	2440.51	2441.46	---	---
DH5	Ant1	2480	1.00	2479.46	2480.46	---	---
2DH5	Ant1	2402	1.31	2401.31	2402.62	---	---
2DH5	Ant1	2441	1.32	2440.31	2441.63	---	---
2DH5	Ant1	2480	1.36	2479.29	2480.65	---	---
3DH5	Ant1	2402	1.28	2401.32	2402.61	---	---
3DH5	Ant1	2441	1.30	2440.33	2441.63	---	---
3DH5	Ant1	2480	1.31	2479.32	2480.63	---	---

Test Graphs

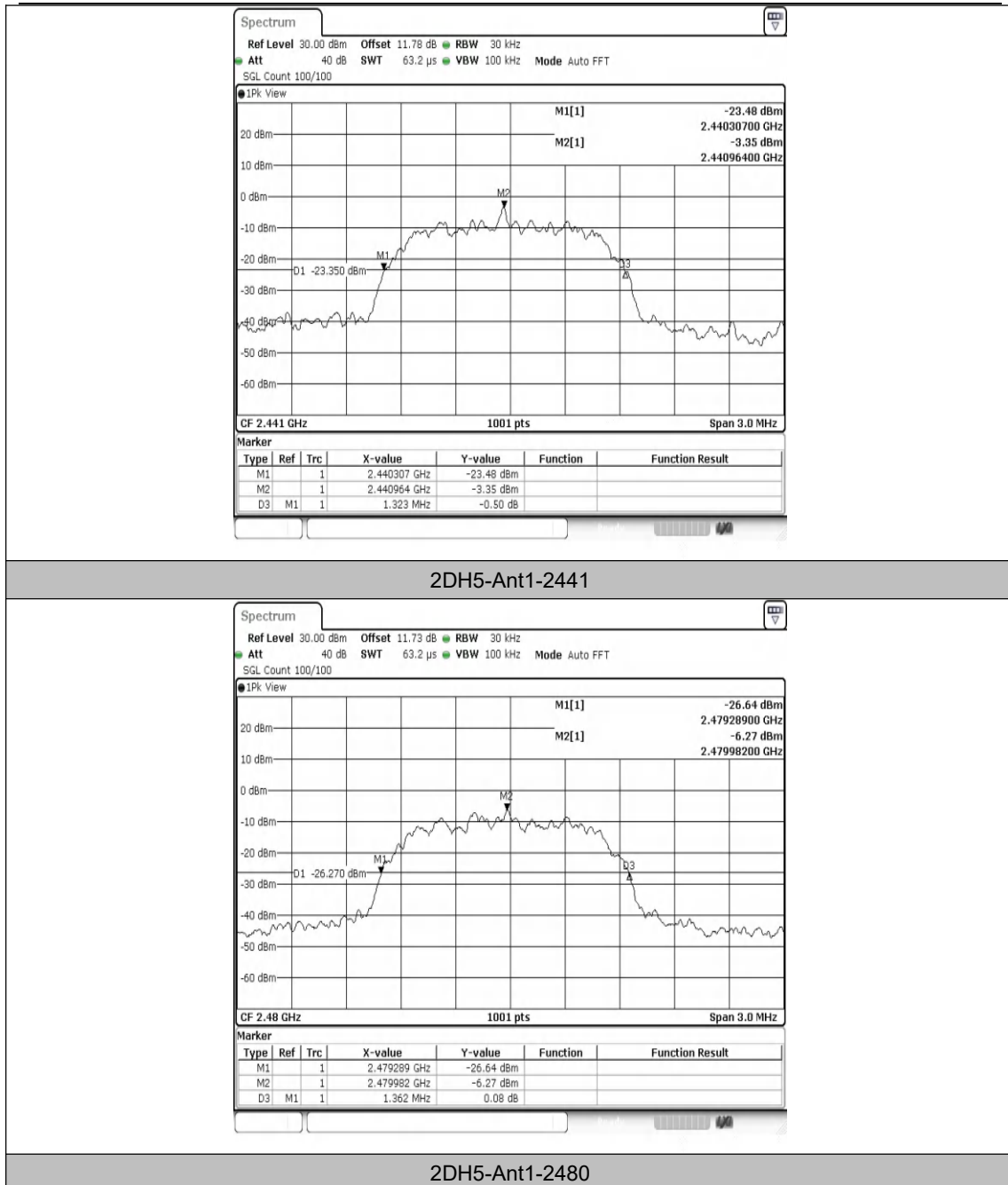


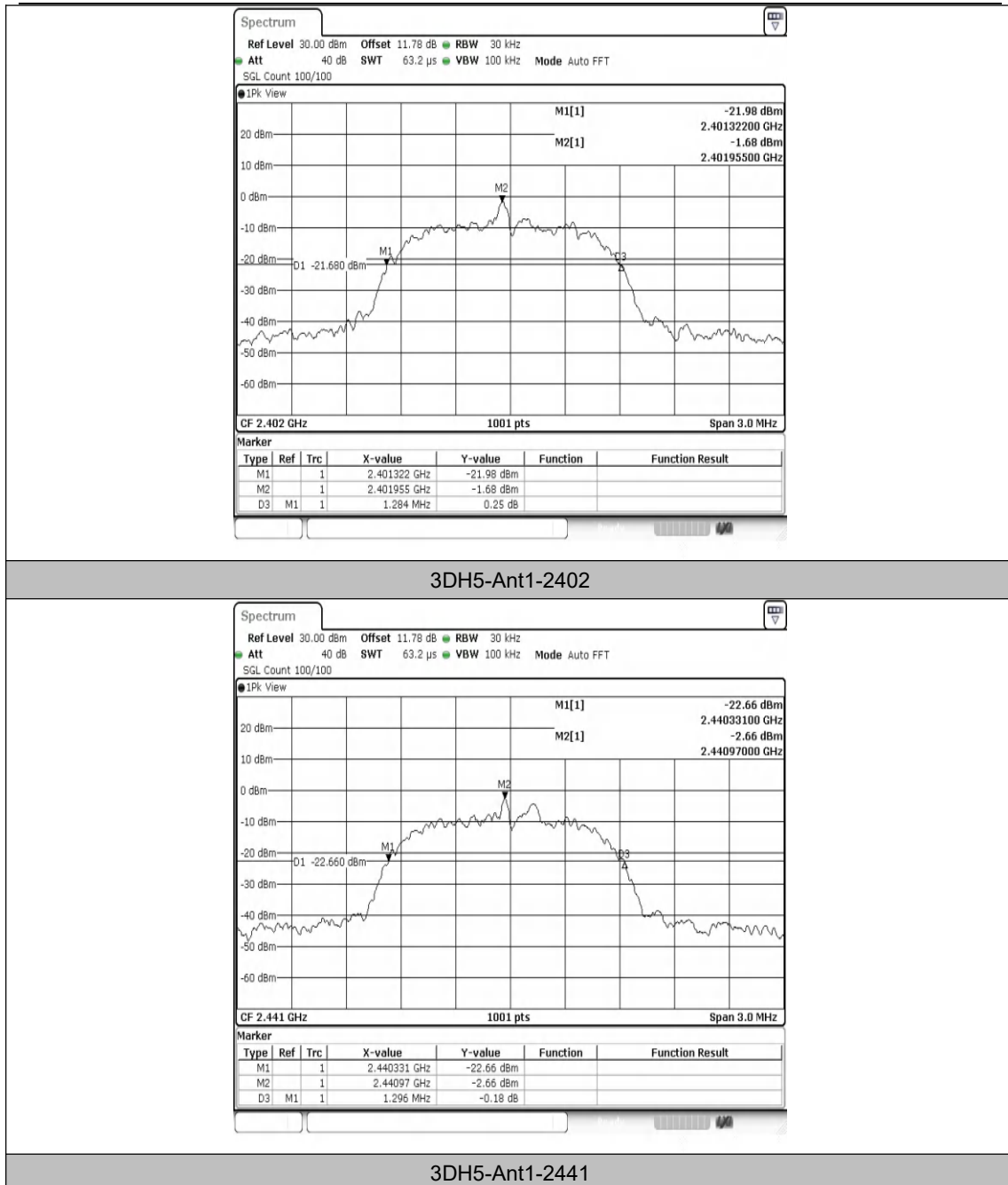


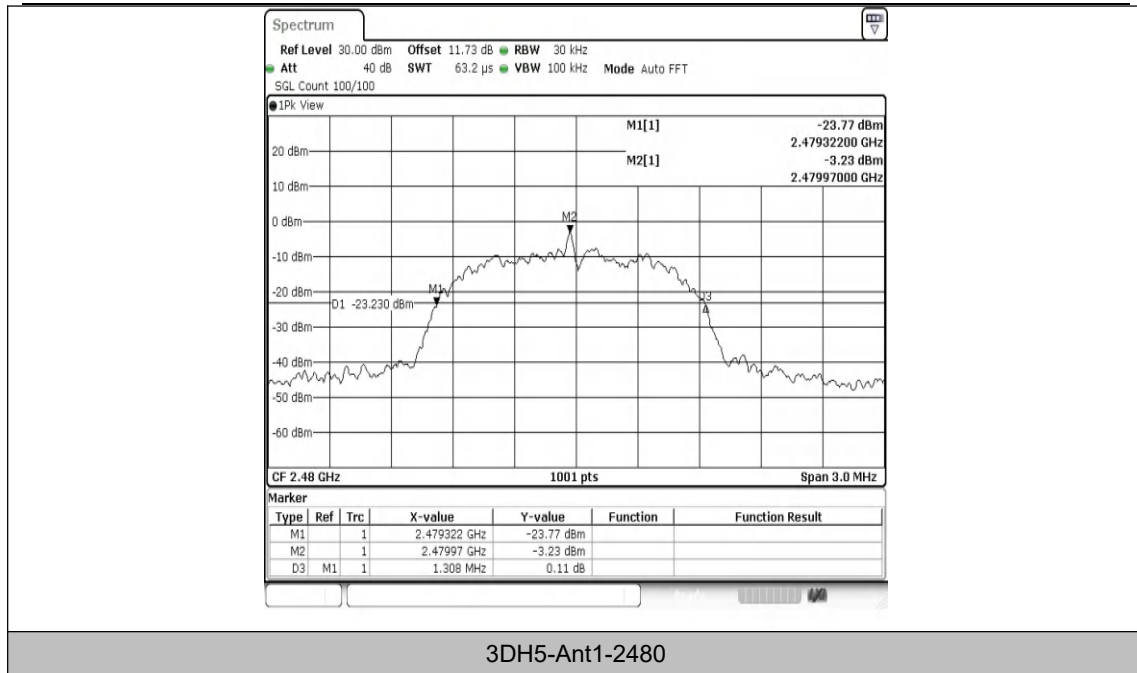
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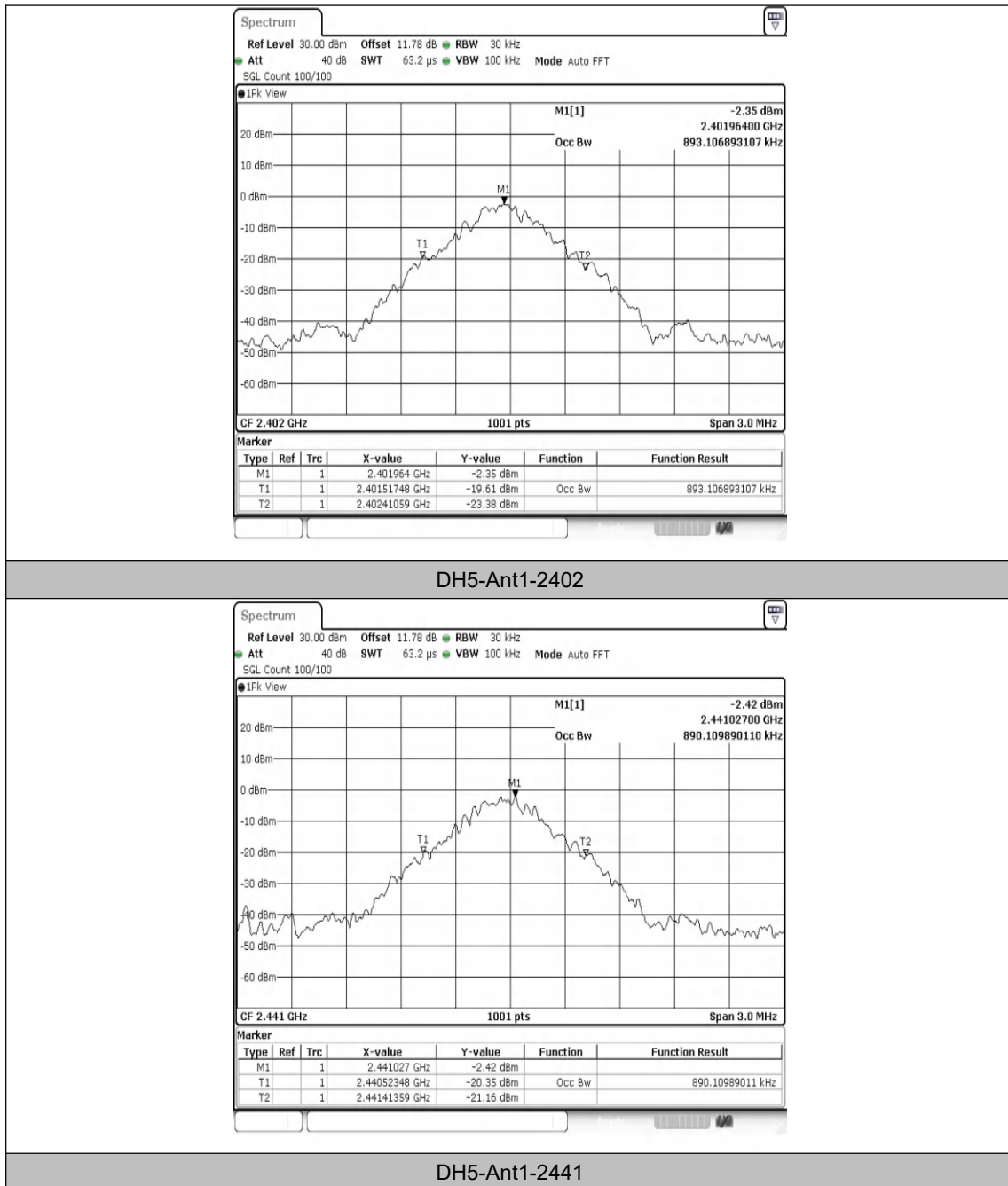
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.893	2401.5175	2402.4106	---	---
DH5	Ant1	2441	0.89	2440.5235	2441.4136	---	---
DH5	Ant1	2480	0.893	2479.5175	2480.4106	---	---
2DH5	Ant1	2402	1.211	2401.3676	2402.5784	---	---
2DH5	Ant1	2441	1.202	2440.3706	2441.5724	---	---
2DH5	Ant1	2480	1.196	2479.3736	2480.5694	---	---
3DH5	Ant1	2402	1.196	2401.3676	2402.5634	---	---
3DH5	Ant1	2441	1.205	2440.3646	2441.5694	---	---
3DH5	Ant1	2480	1.202	2479.3676	2480.5694	---	---



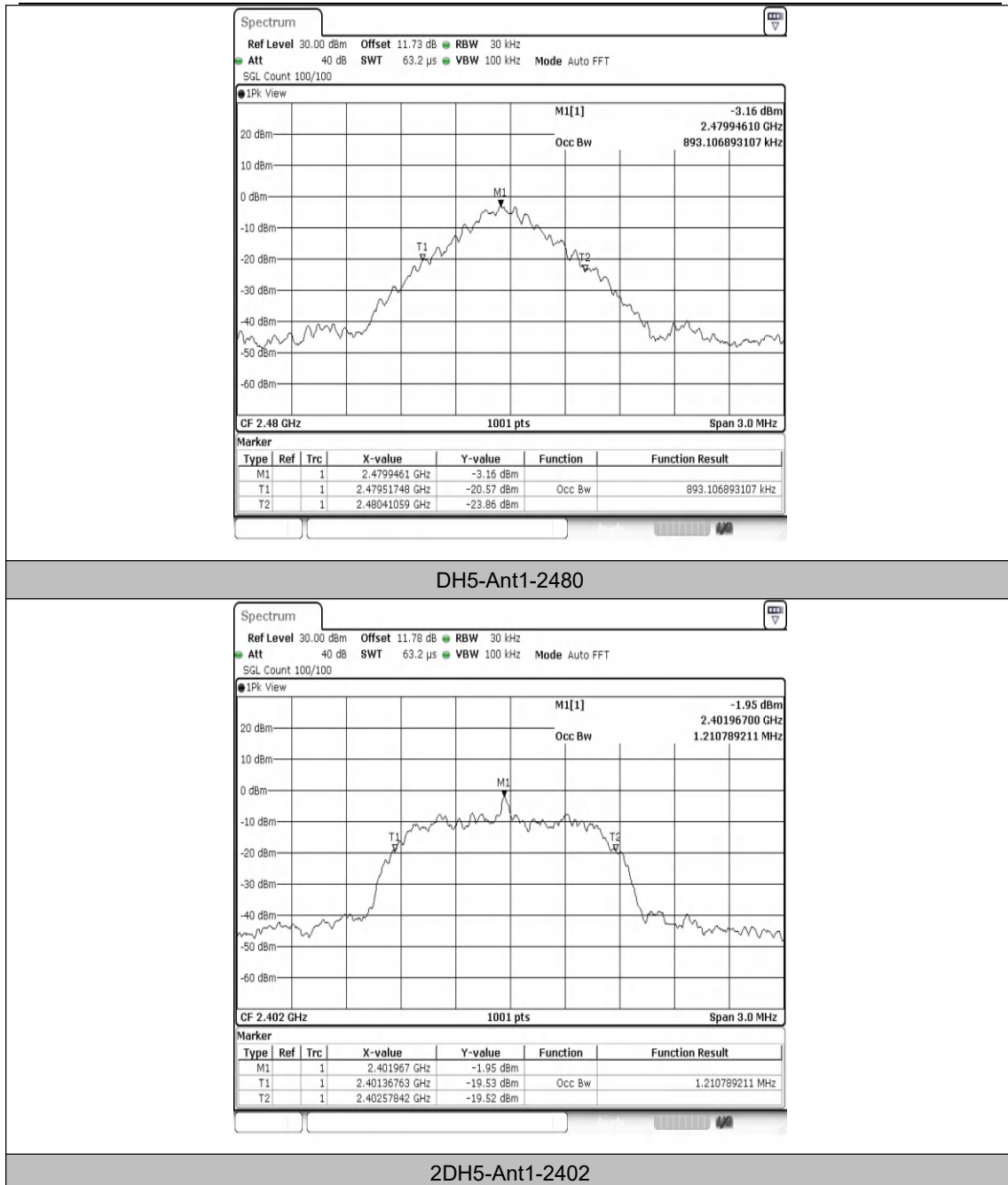
Test Graphs



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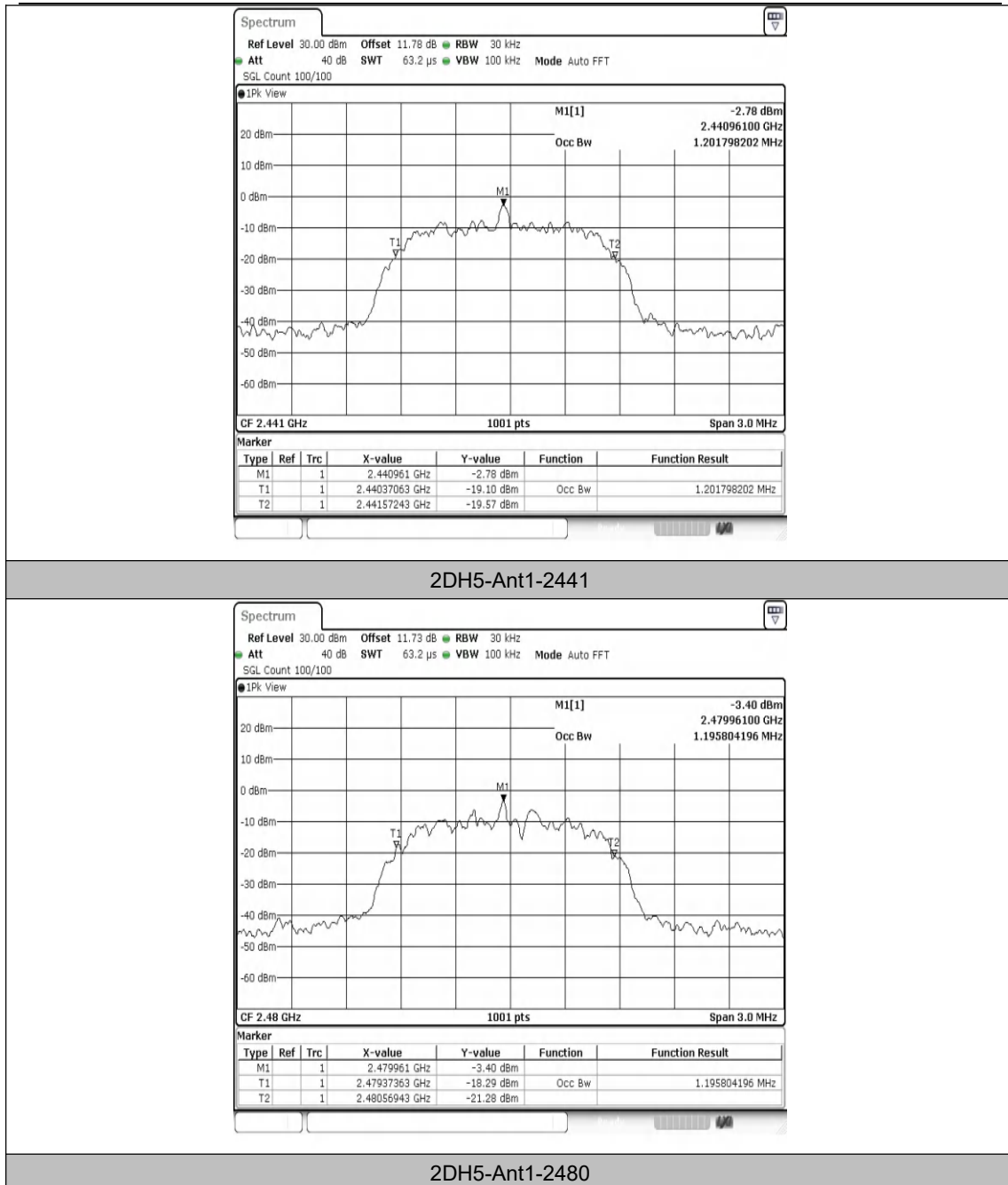
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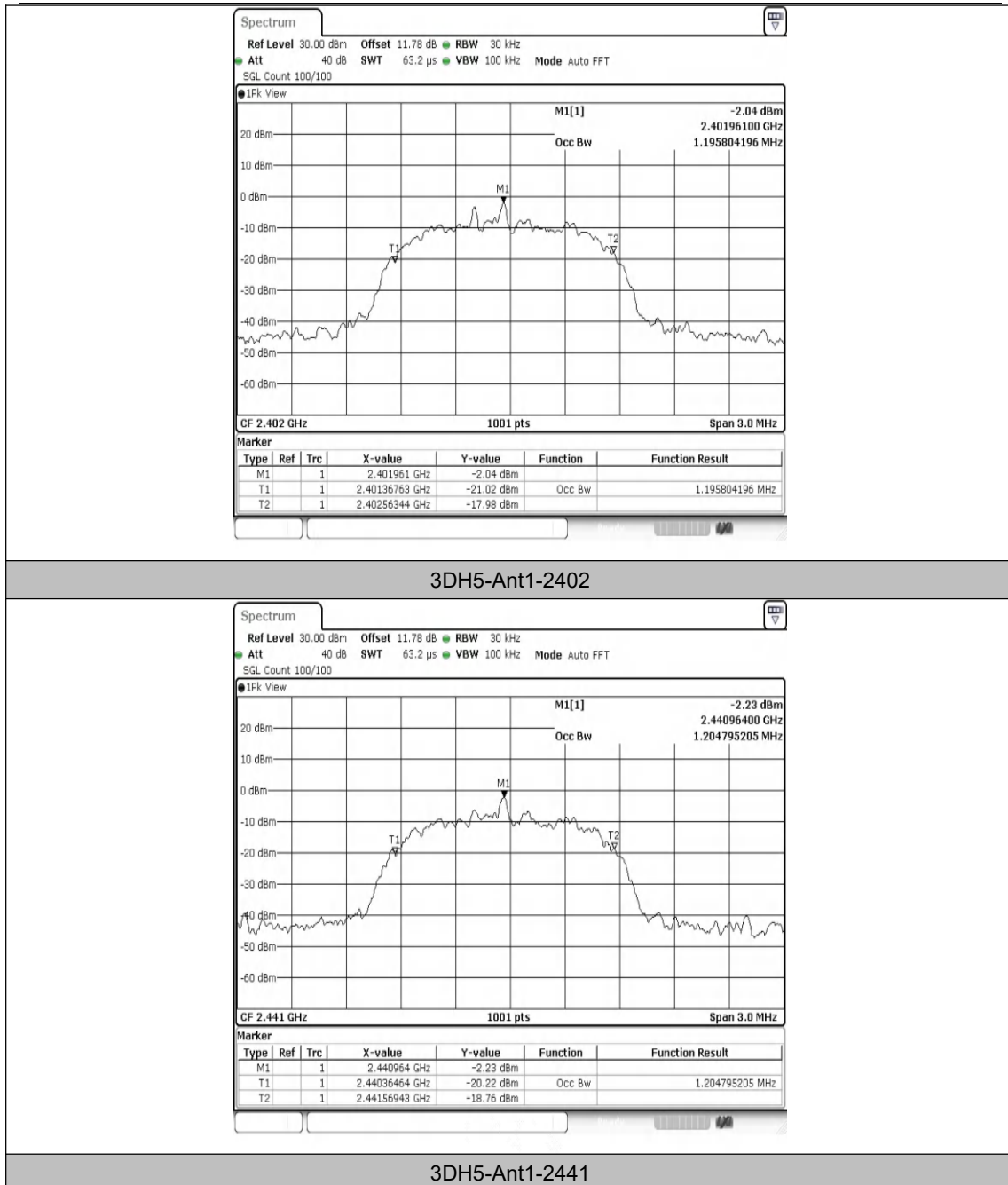


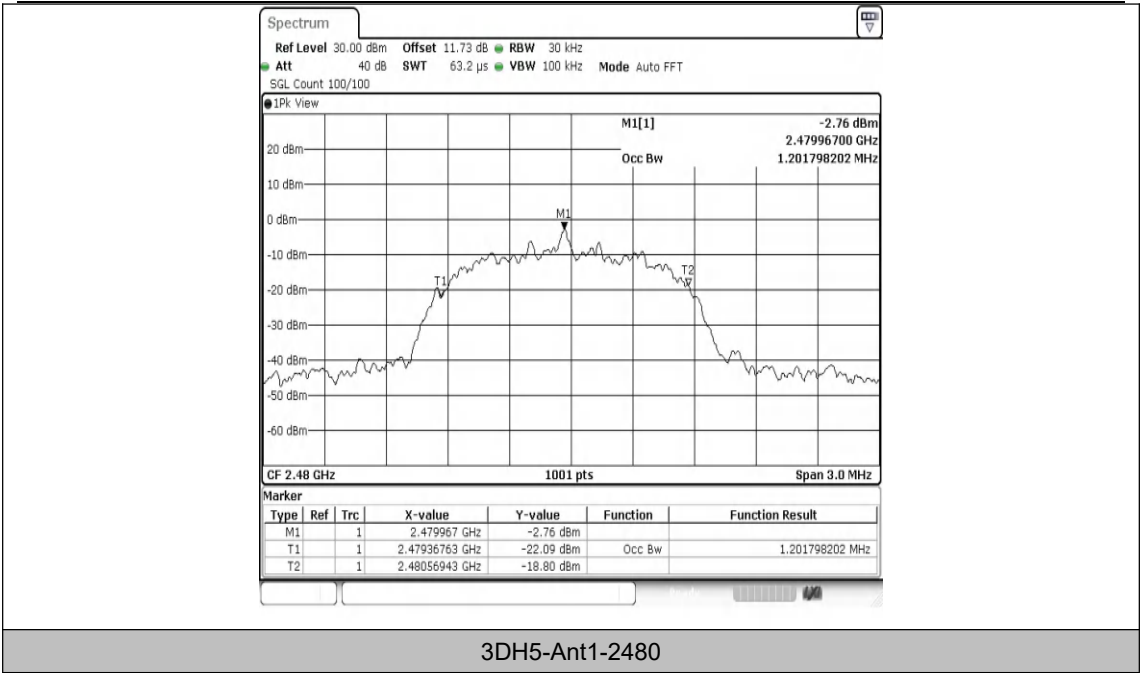
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Appendix C: Maximum Conducted Output Power

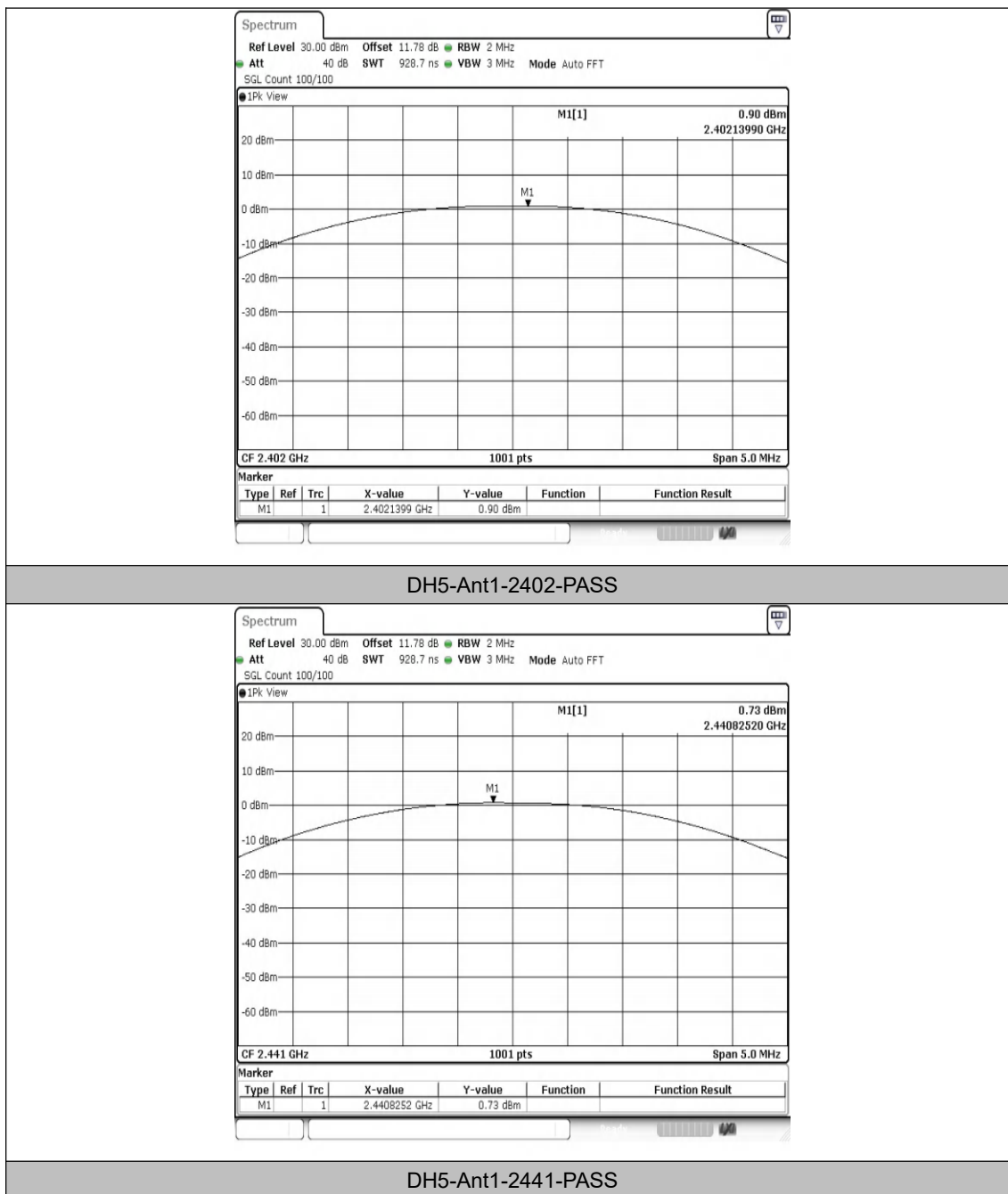
Test Result Peak (Left earphone)

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	0.90	≤20.97	PASS
DH5	Ant1	2441	0.73	≤20.97	PASS
DH5	Ant1	2480	0.05	≤20.97	PASS
2DH5	Ant1	2402	1.35	≤20.97	PASS
2DH5	Ant1	2441	1.38	≤20.97	PASS
2DH5	Ant1	2480	0.43	≤20.97	PASS
3DH5	Ant1	2402	1.37	≤20.97	PASS
3DH5	Ant1	2441	0.98	≤20.97	PASS
3DH5	Ant1	2480	0.85	≤20.97	PASS

Test Result Peak (Right earphone)

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	0.79	≤20.97	PASS
DH5	Ant1	2441	1.11	≤20.97	PASS
DH5	Ant1	2480	1.88	≤20.97	PASS
2DH5	Ant1	2402	0.51	≤20.97	PASS
2DH5	Ant1	2441	0.95	≤20.97	PASS
2DH5	Ant1	2480	1.70	≤20.97	PASS
3DH5	Ant1	2402	0.20	≤20.97	PASS
3DH5	Ant1	2441	0.88	≤20.97	PASS
3DH5	Ant1	2480	1.65	≤20.97	PASS

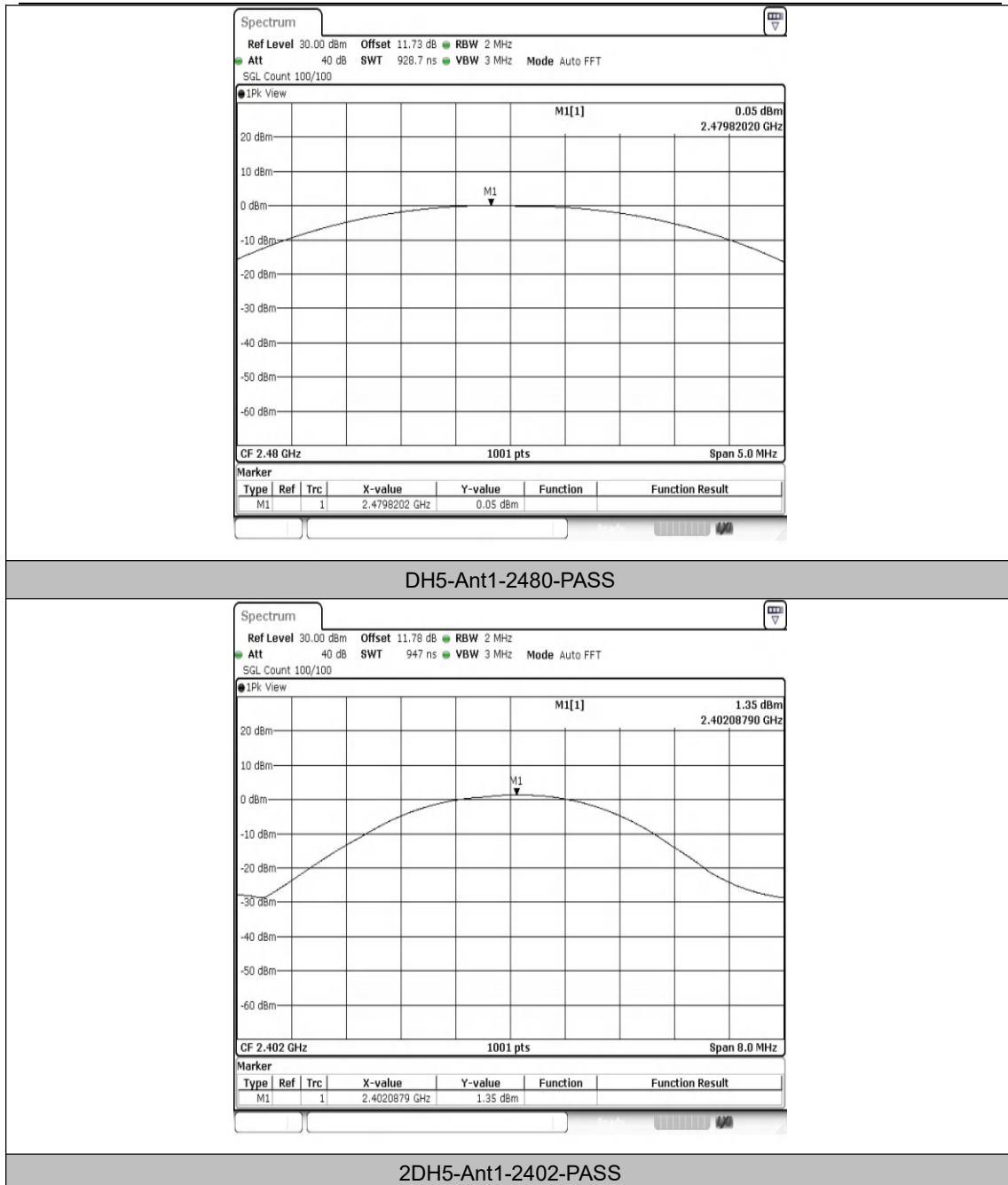
Test Graphs (Left earphone)

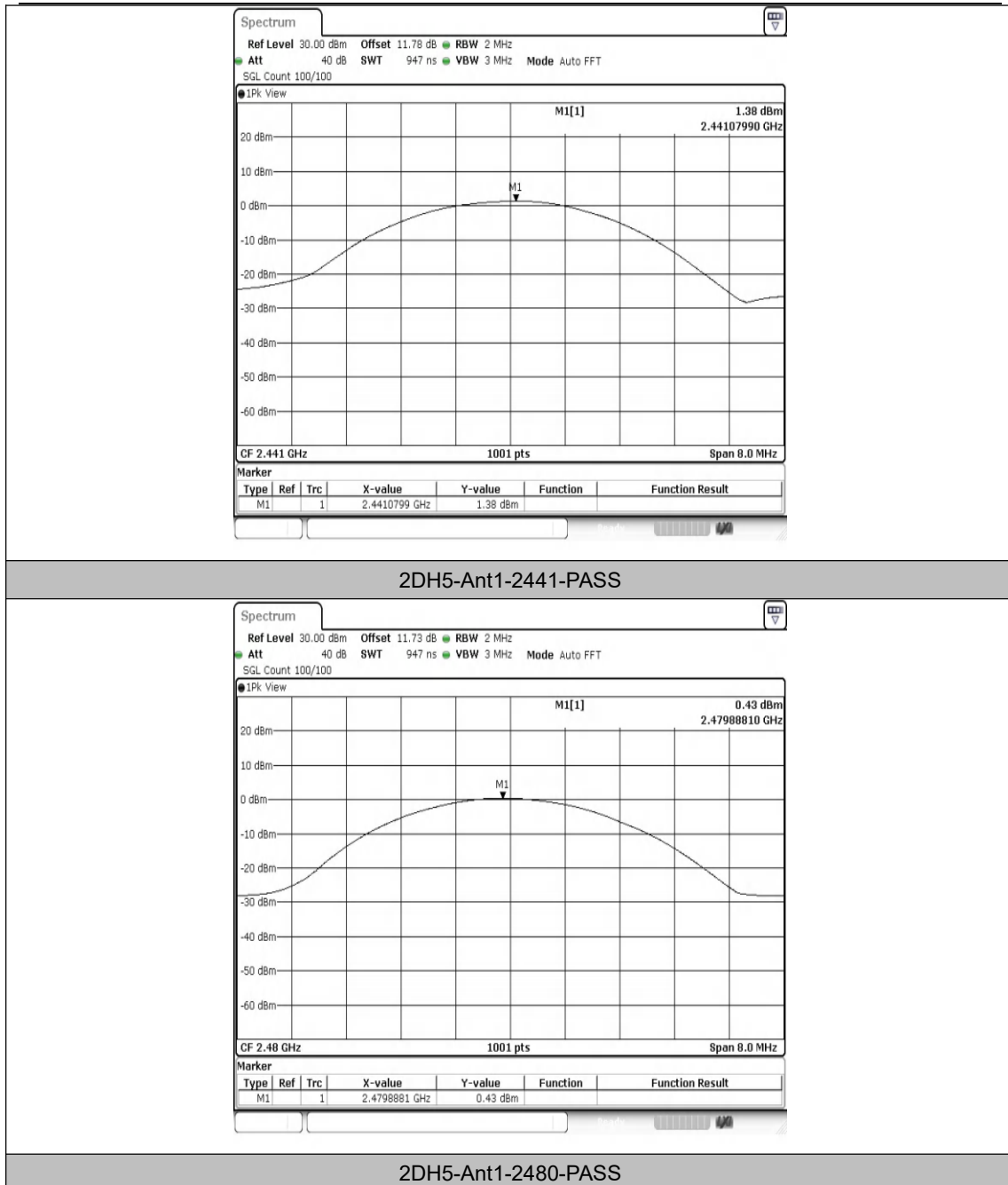


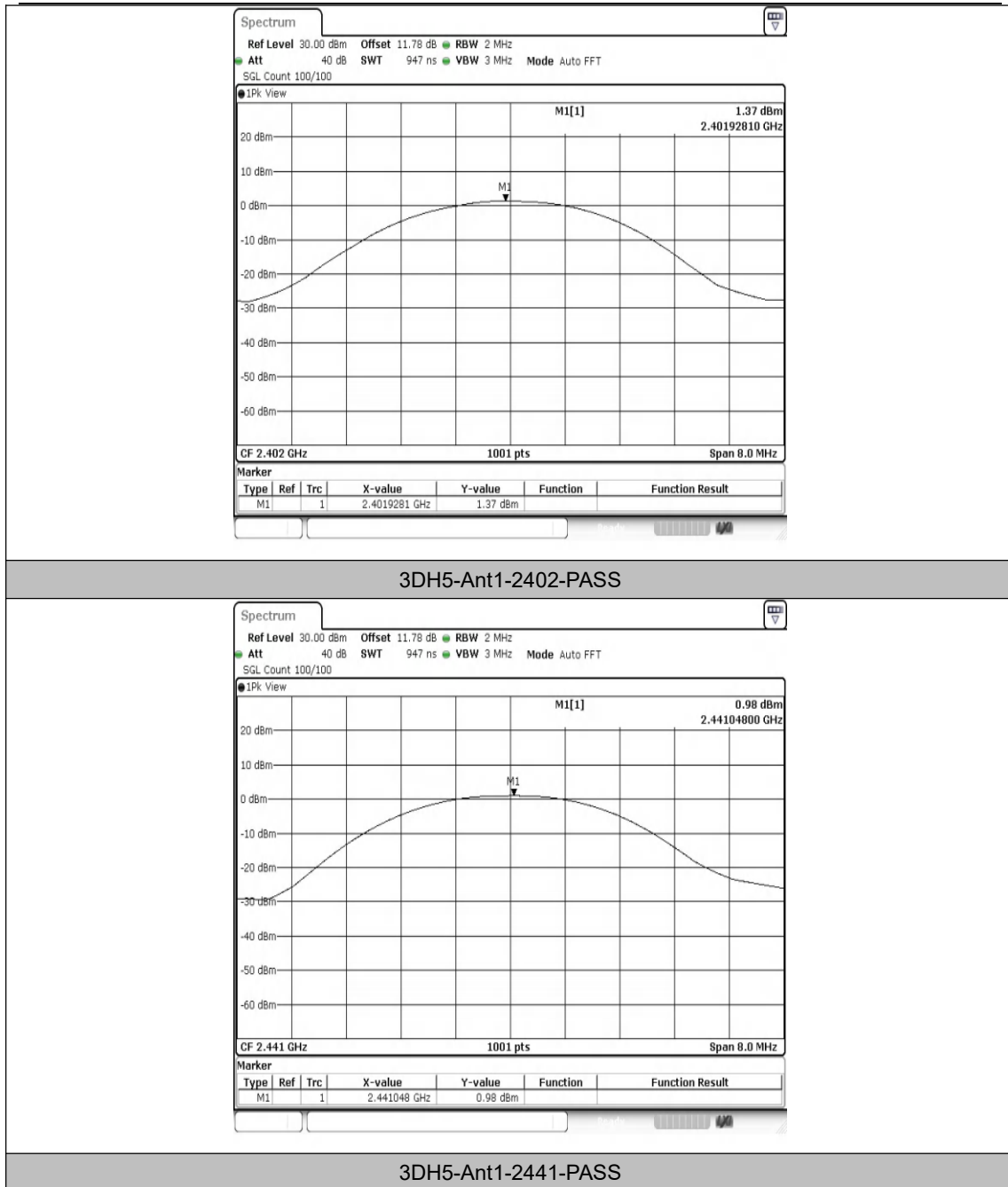
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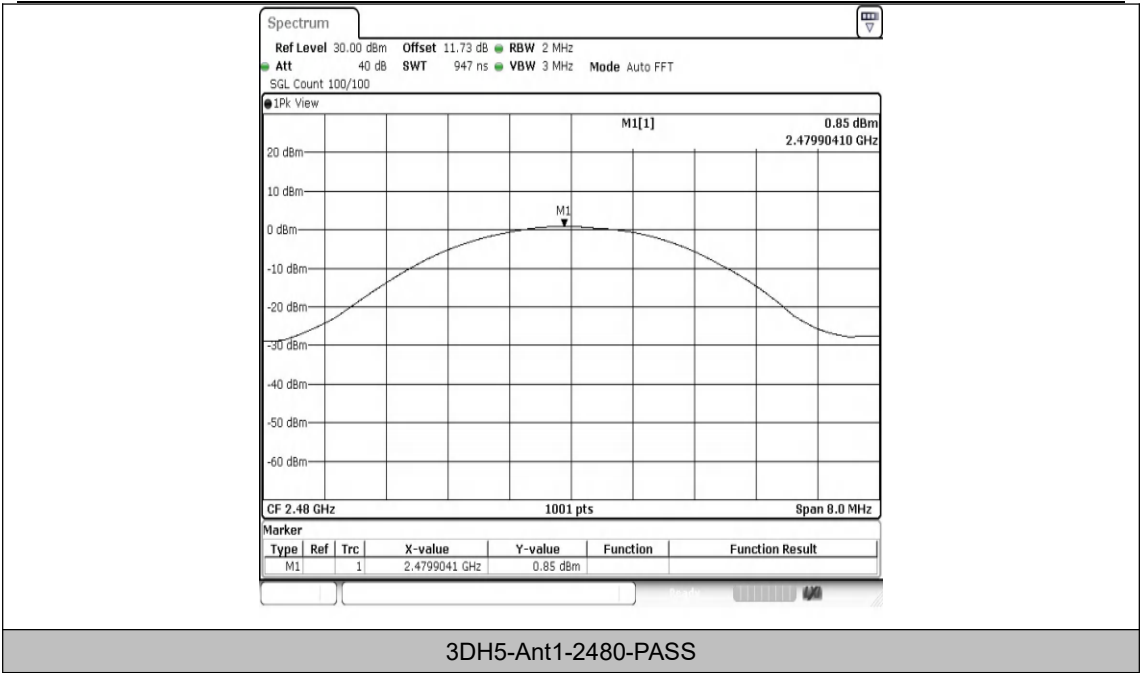
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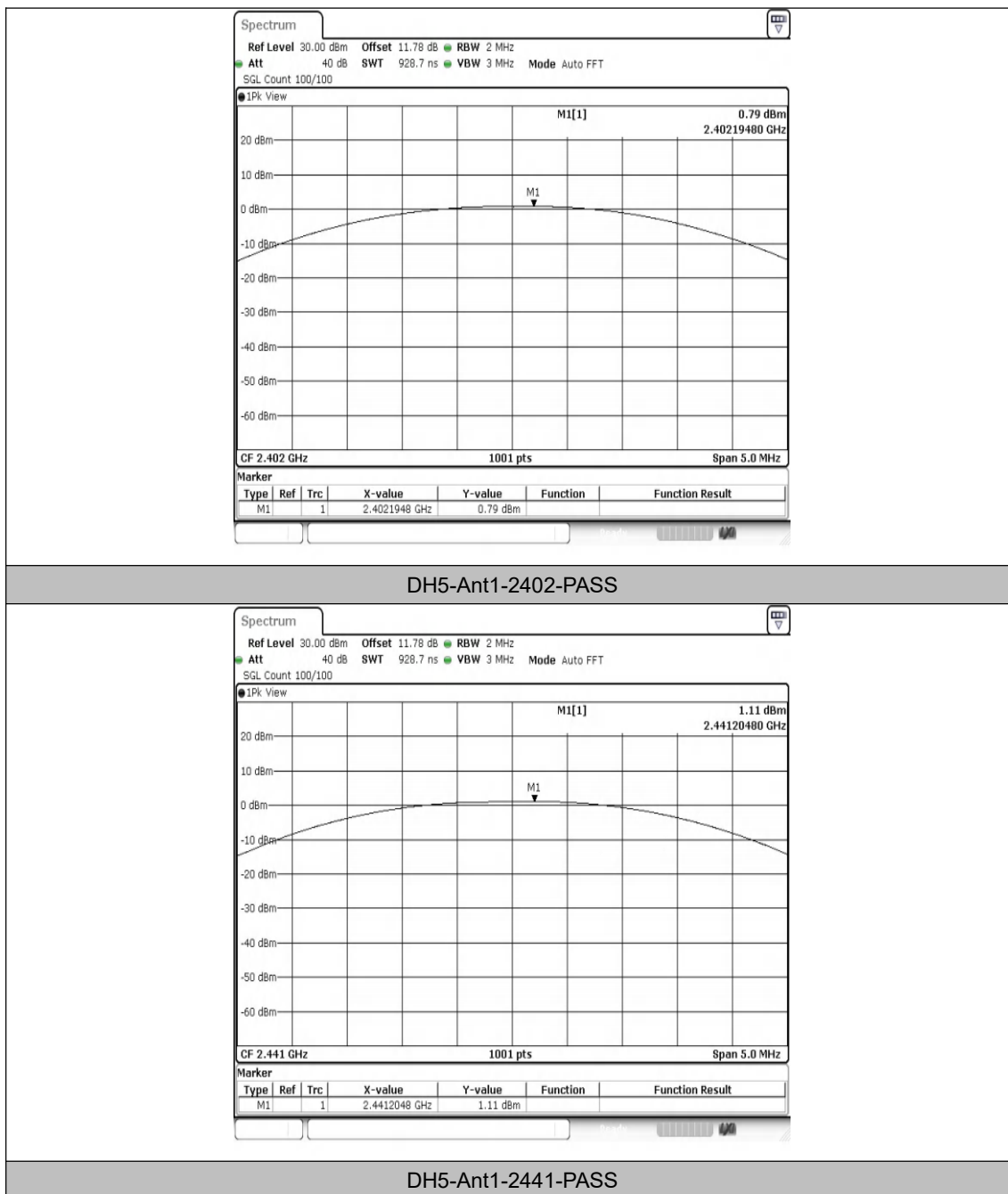


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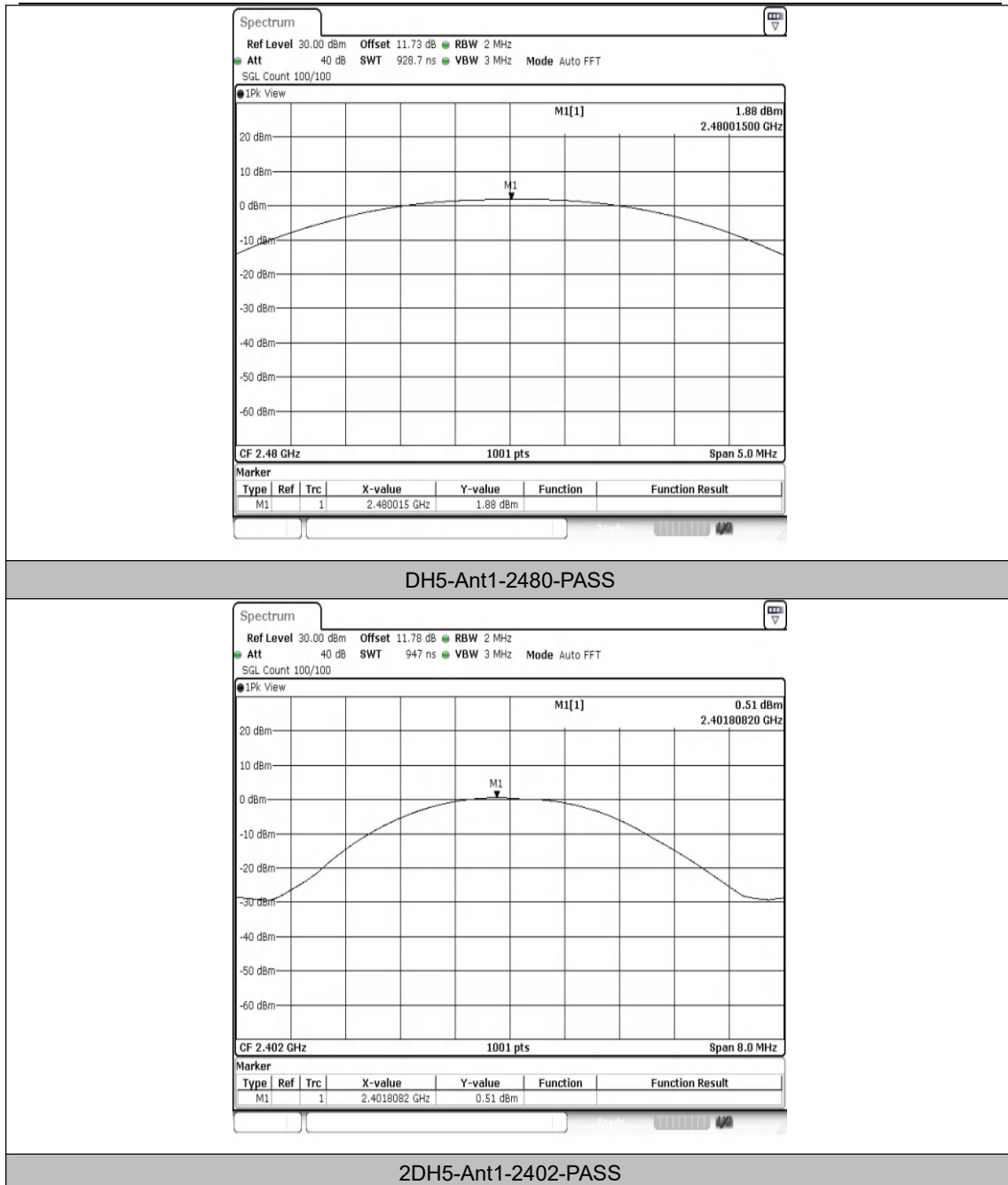
Test Graphs (Right earphone)

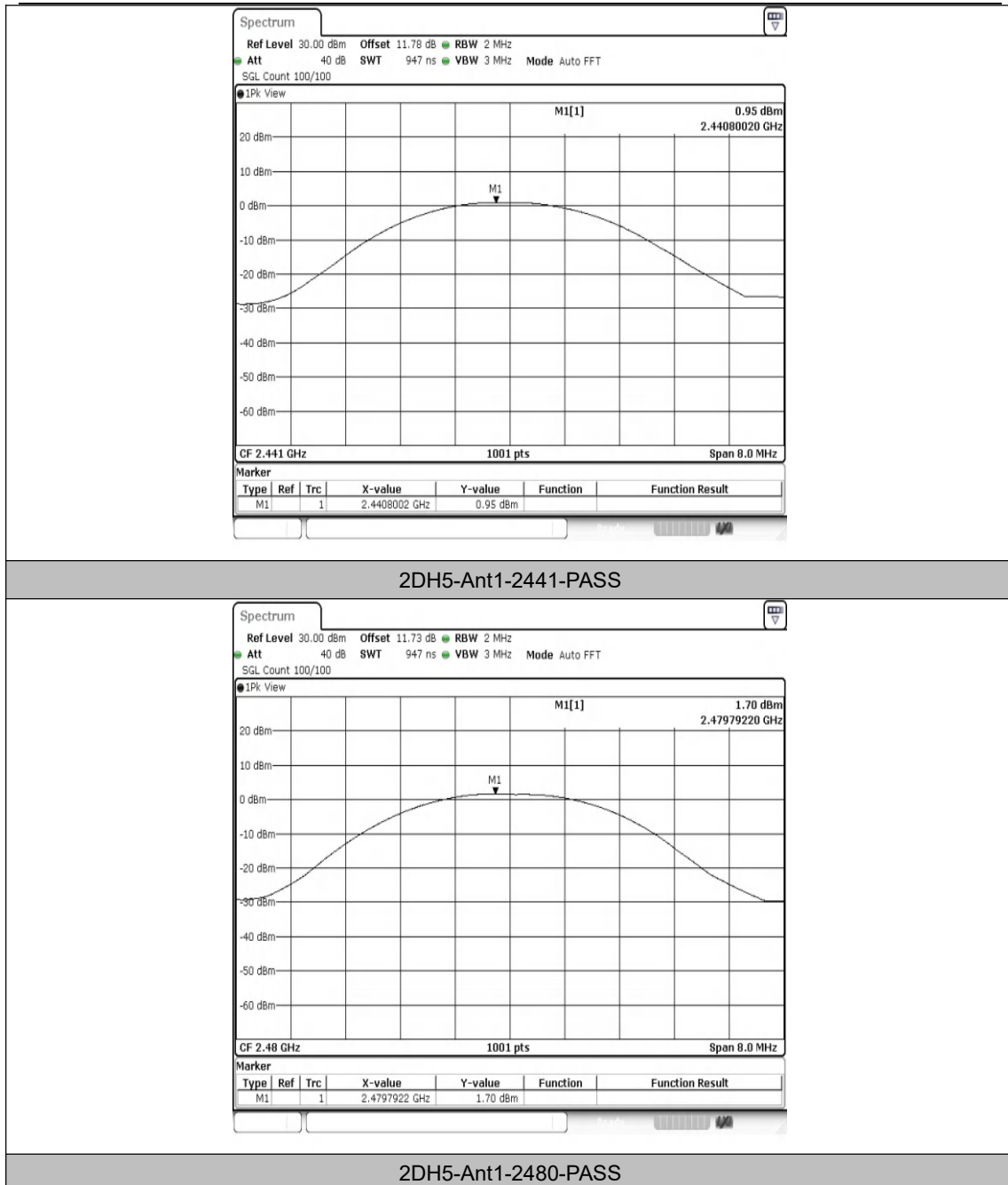


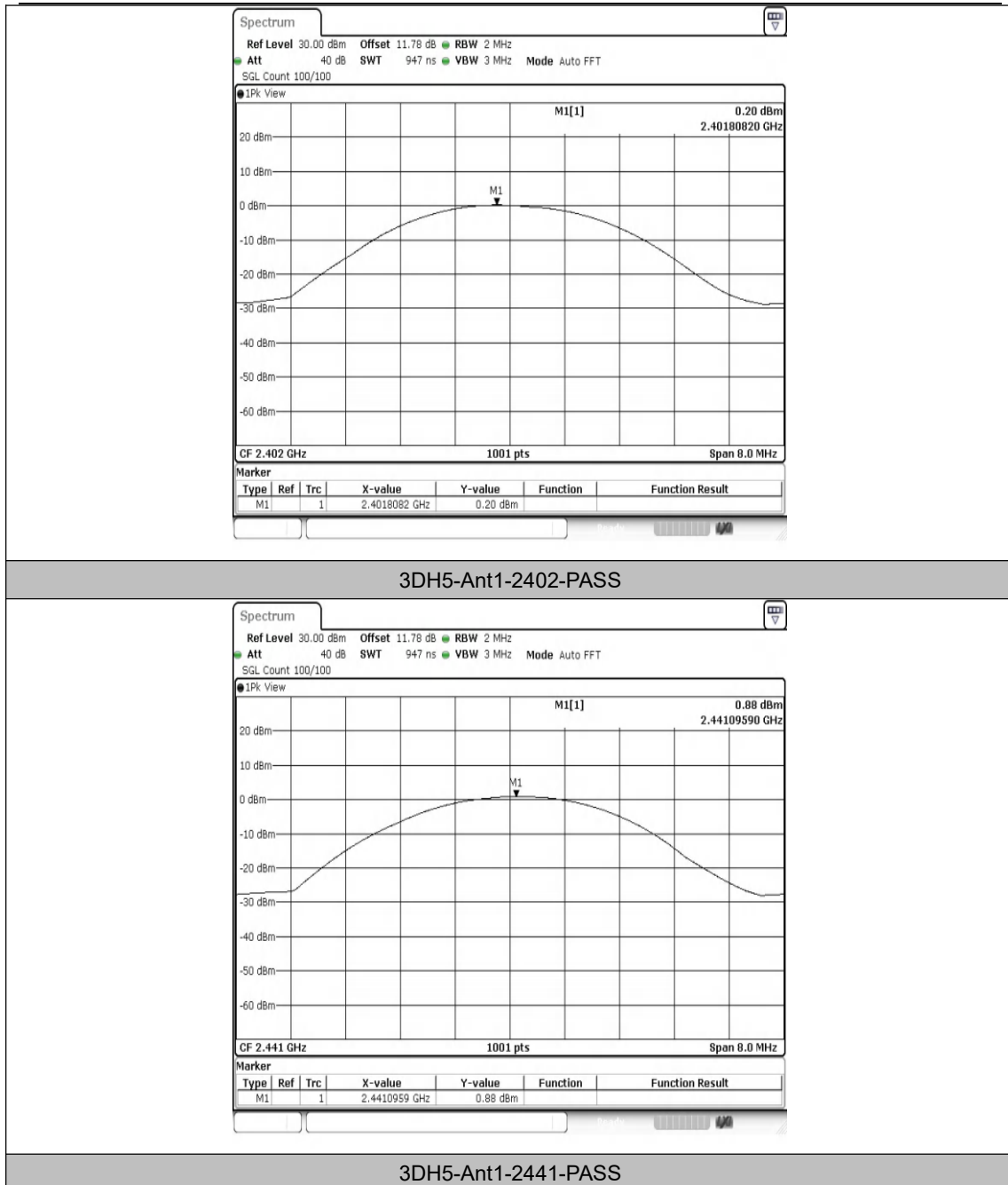
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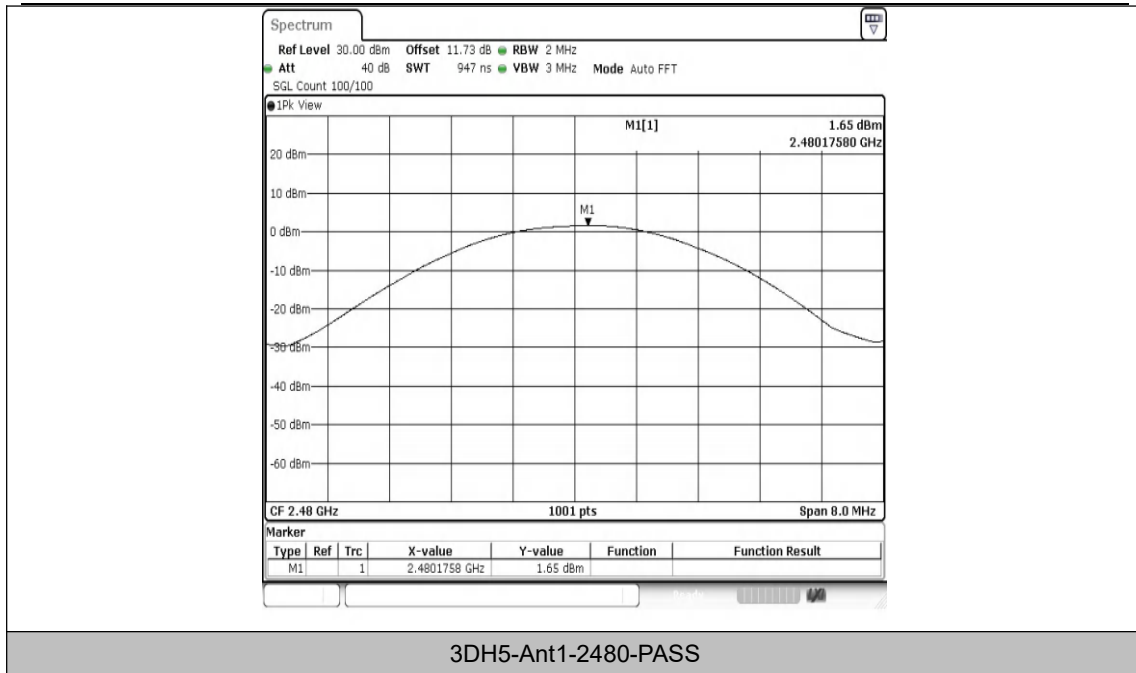
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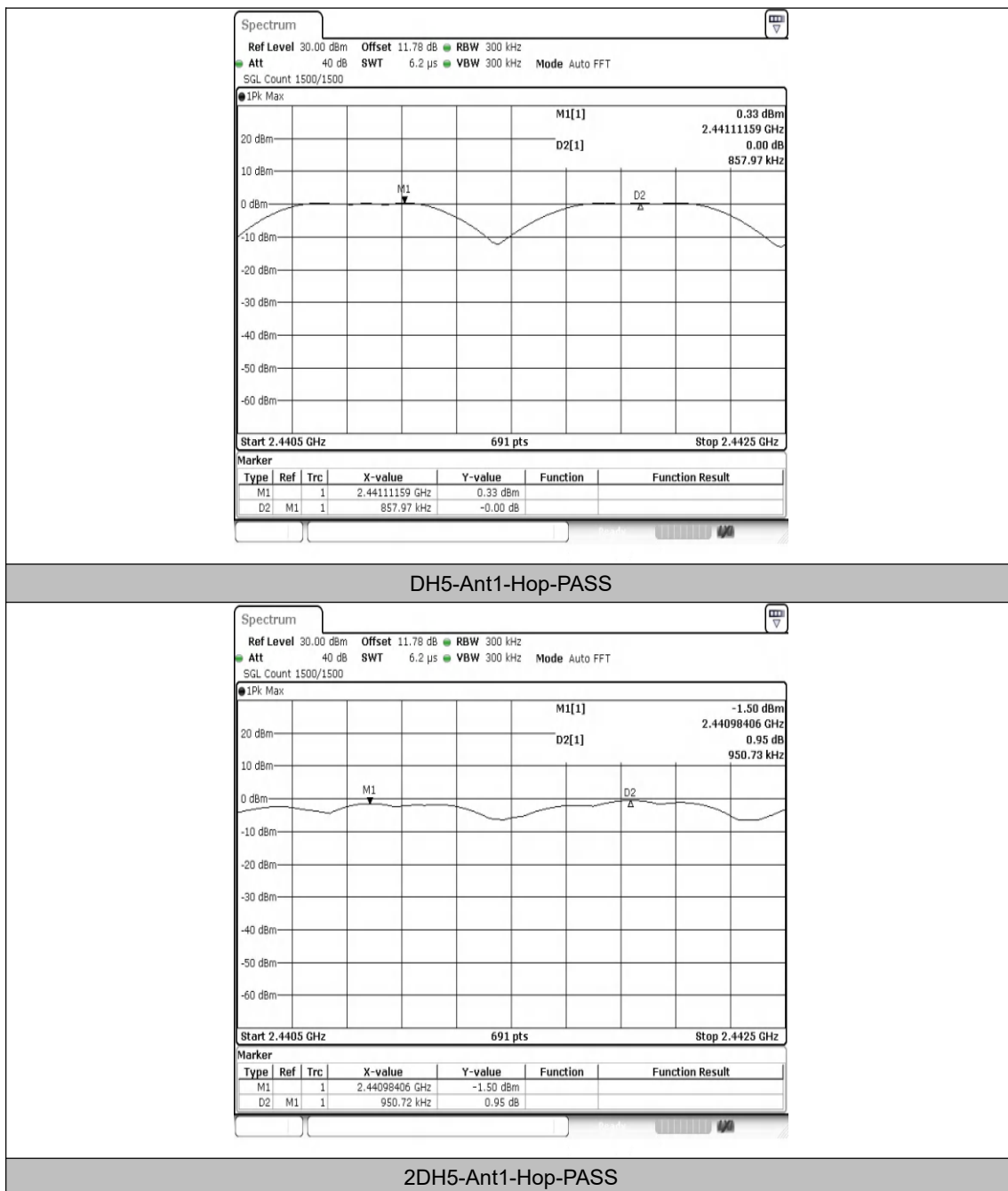
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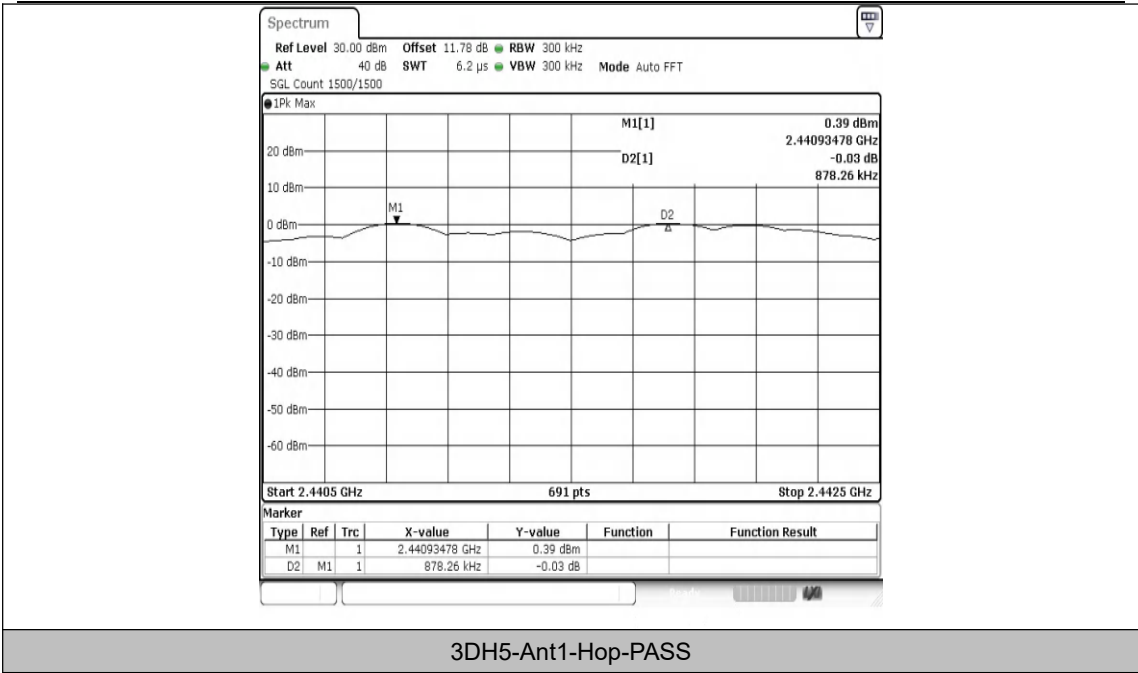
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.858	≥ 0.667	PASS
2DH5	Ant1	Hop	0.951	≥ 0.907	PASS
3DH5	Ant1	Hop	0.878	≥ 0.873	PASS

Test Graphs





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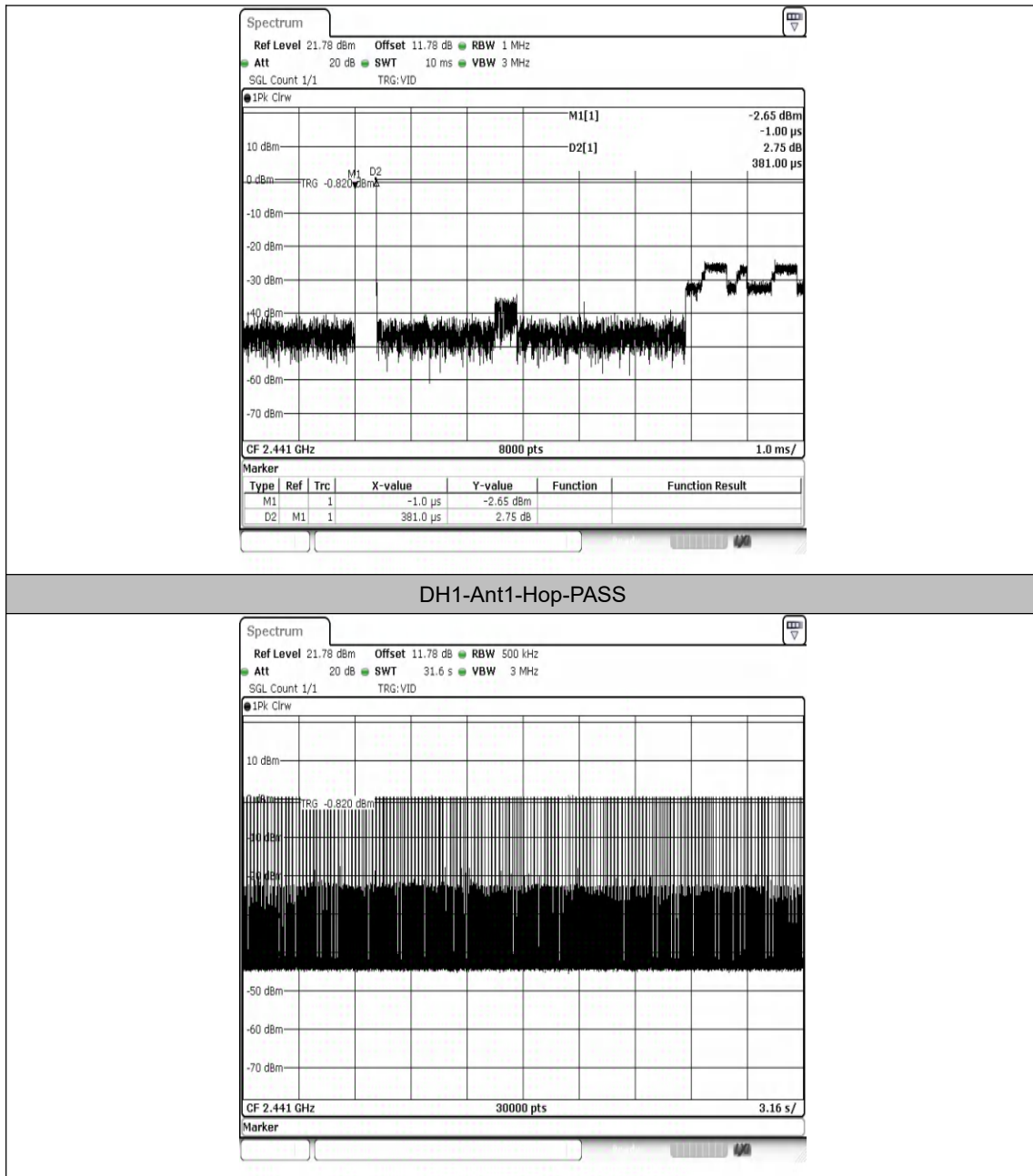
Appendix E: Dwell Time

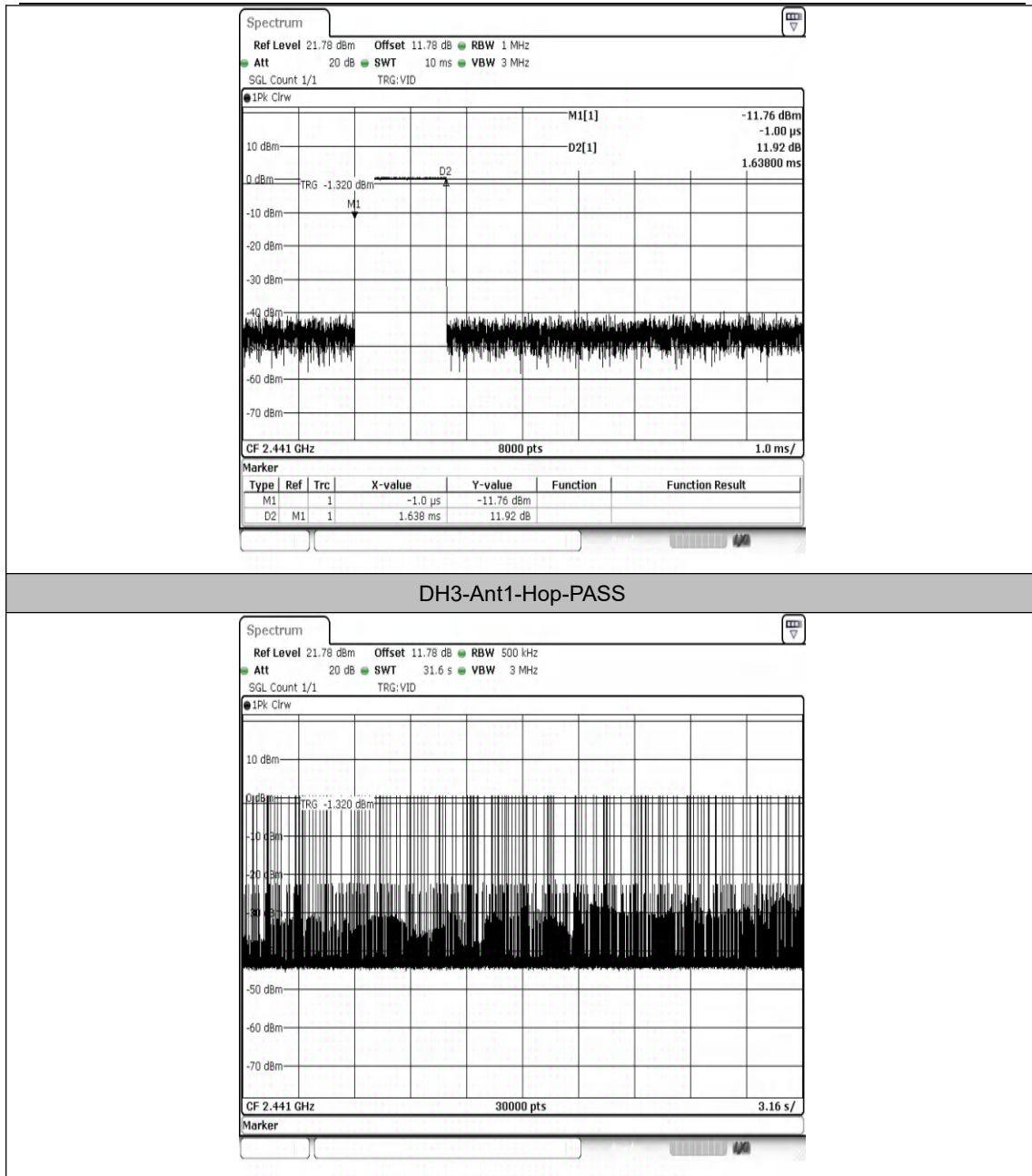
Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH1	Ant1	Hop	0.381	319	0.122	≤0.4	PASS
DH3	Ant1	Hop	1.638	158	0.259	≤0.4	PASS
DH5	Ant1	Hop	2.887	113	0.326	≤0.4	PASS
2DH1	Ant1	Hop	0.391	321	0.126	≤0.4	PASS
2DH3	Ant1	Hop	1.643	166	0.273	≤0.4	PASS
2DH5	Ant1	Hop	2.892	103	0.298	≤0.4	PASS
3DH1	Ant1	Hop	0.391	317	0.124	≤0.4	PASS
3DH3	Ant1	Hop	1.641	152	0.249	≤0.4	PASS
3DH5	Ant1	Hop	2.893	112	0.324	≤0.4	PASS



Test Graphs

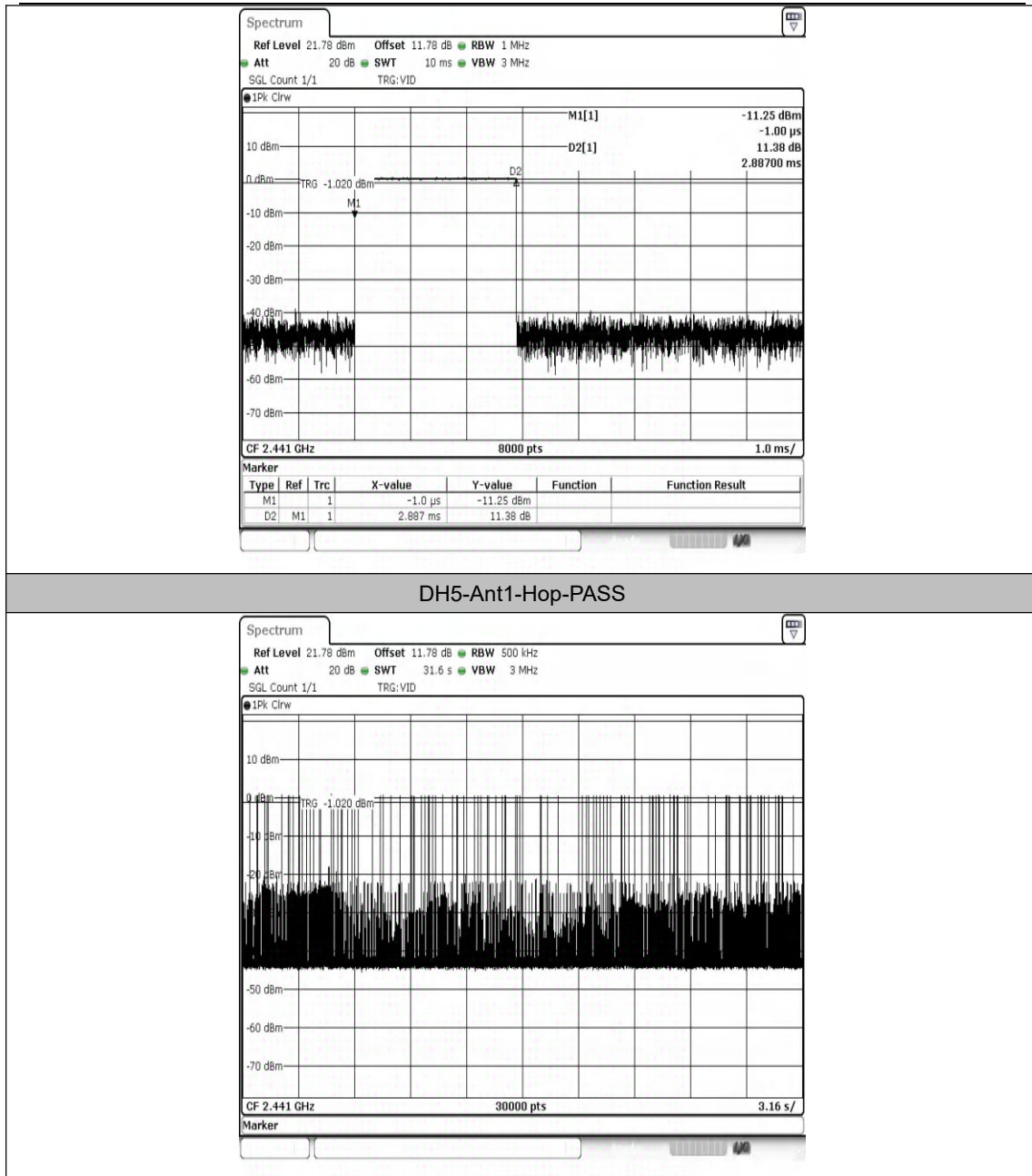




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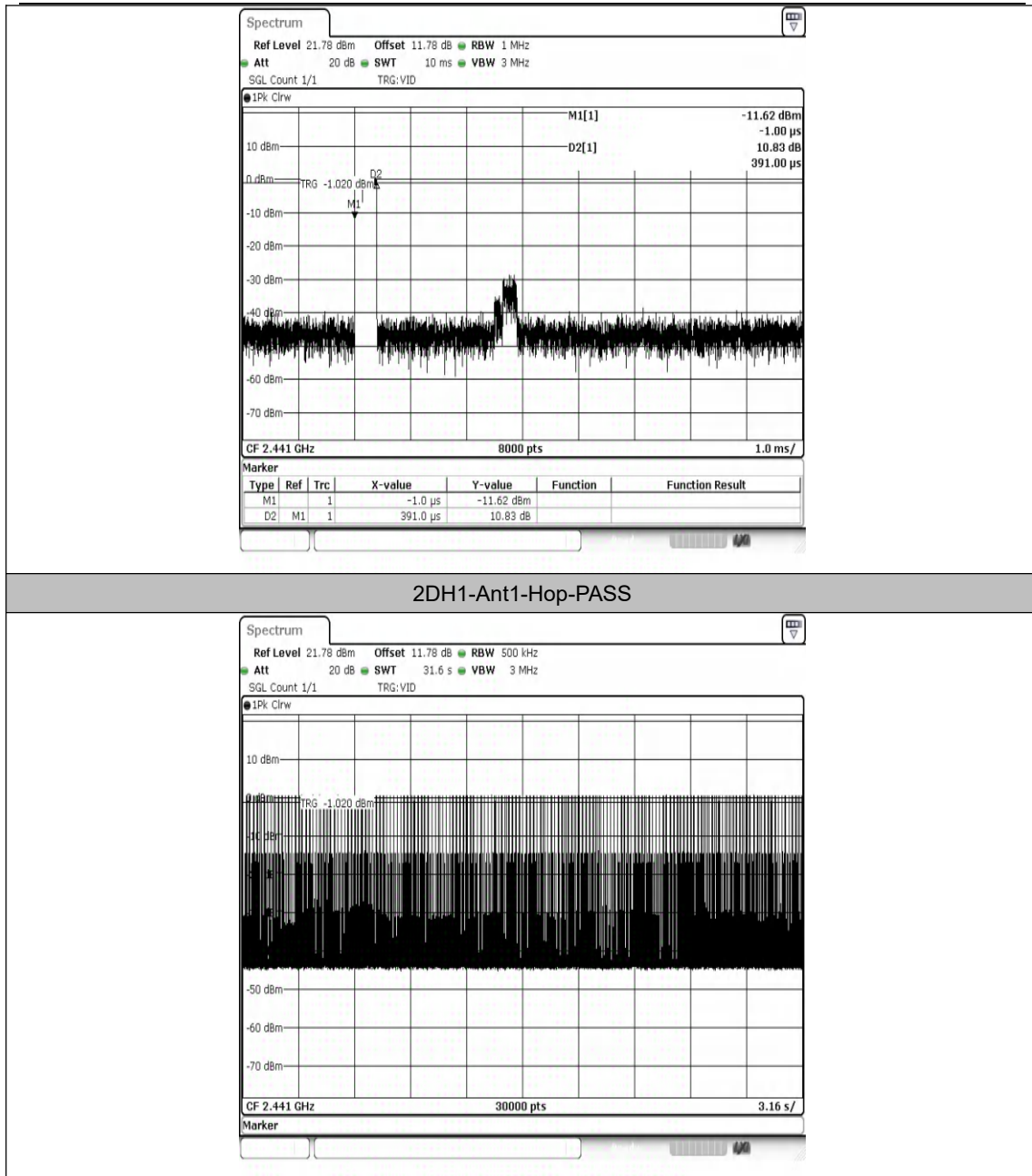
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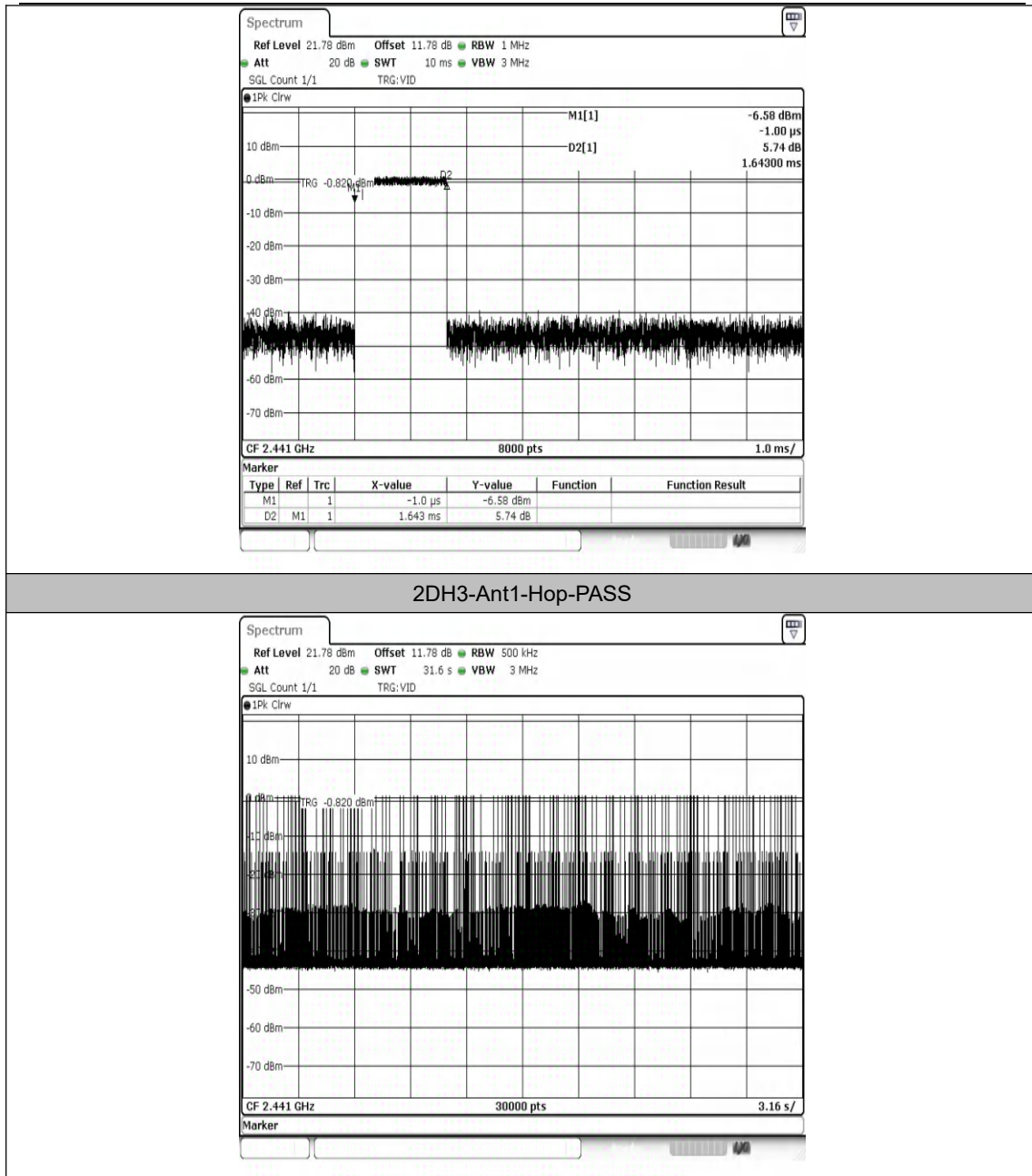
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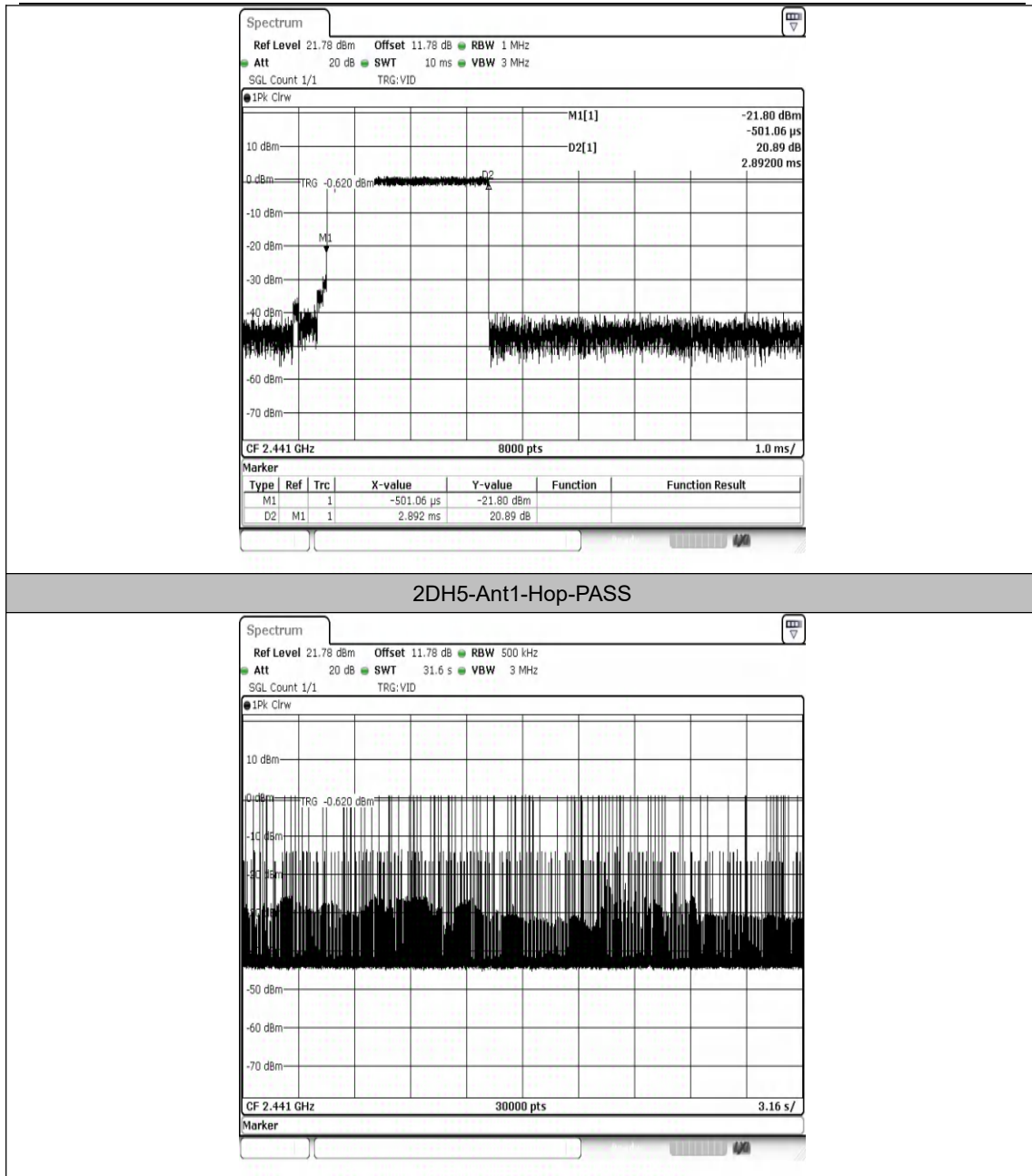
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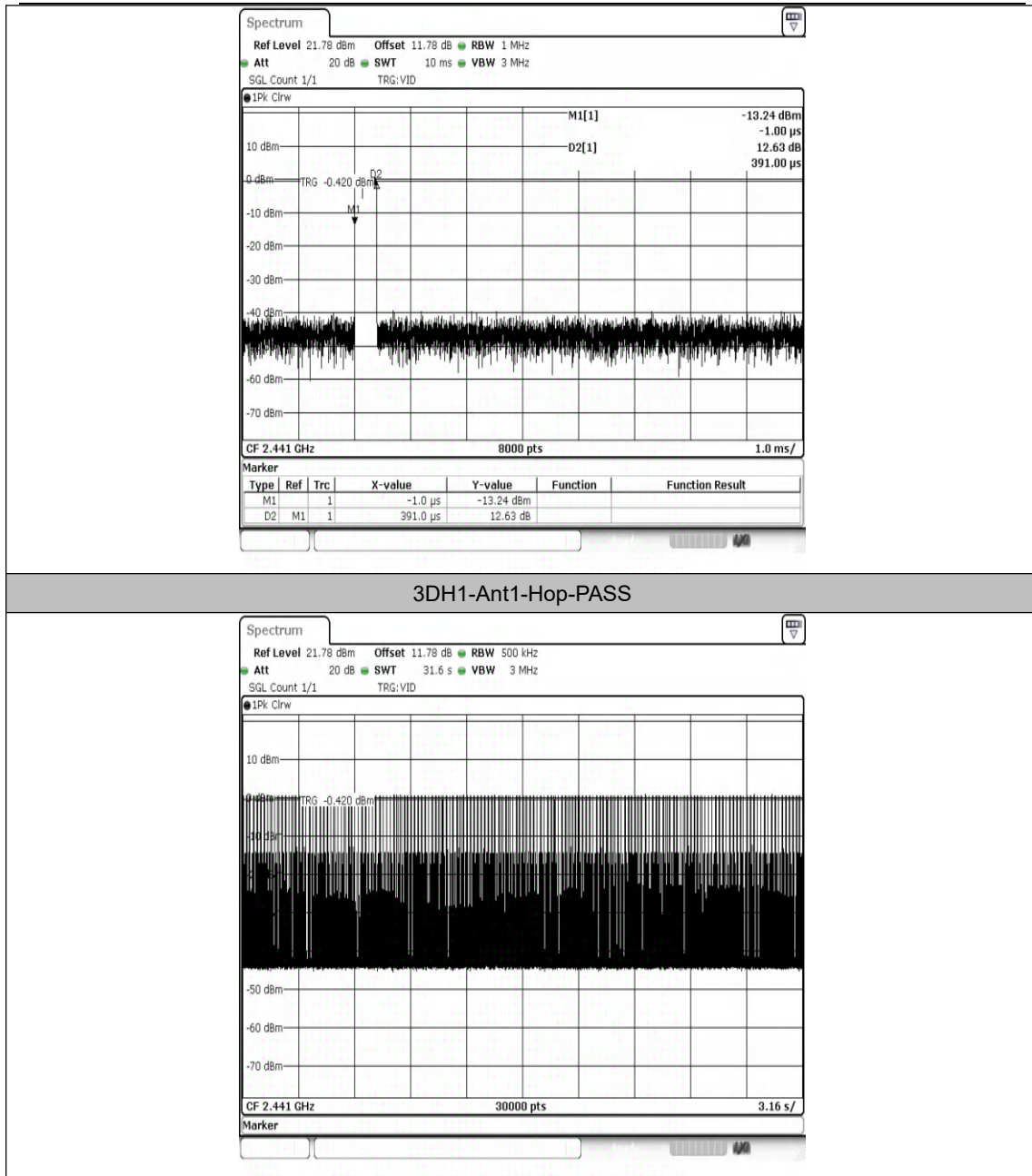
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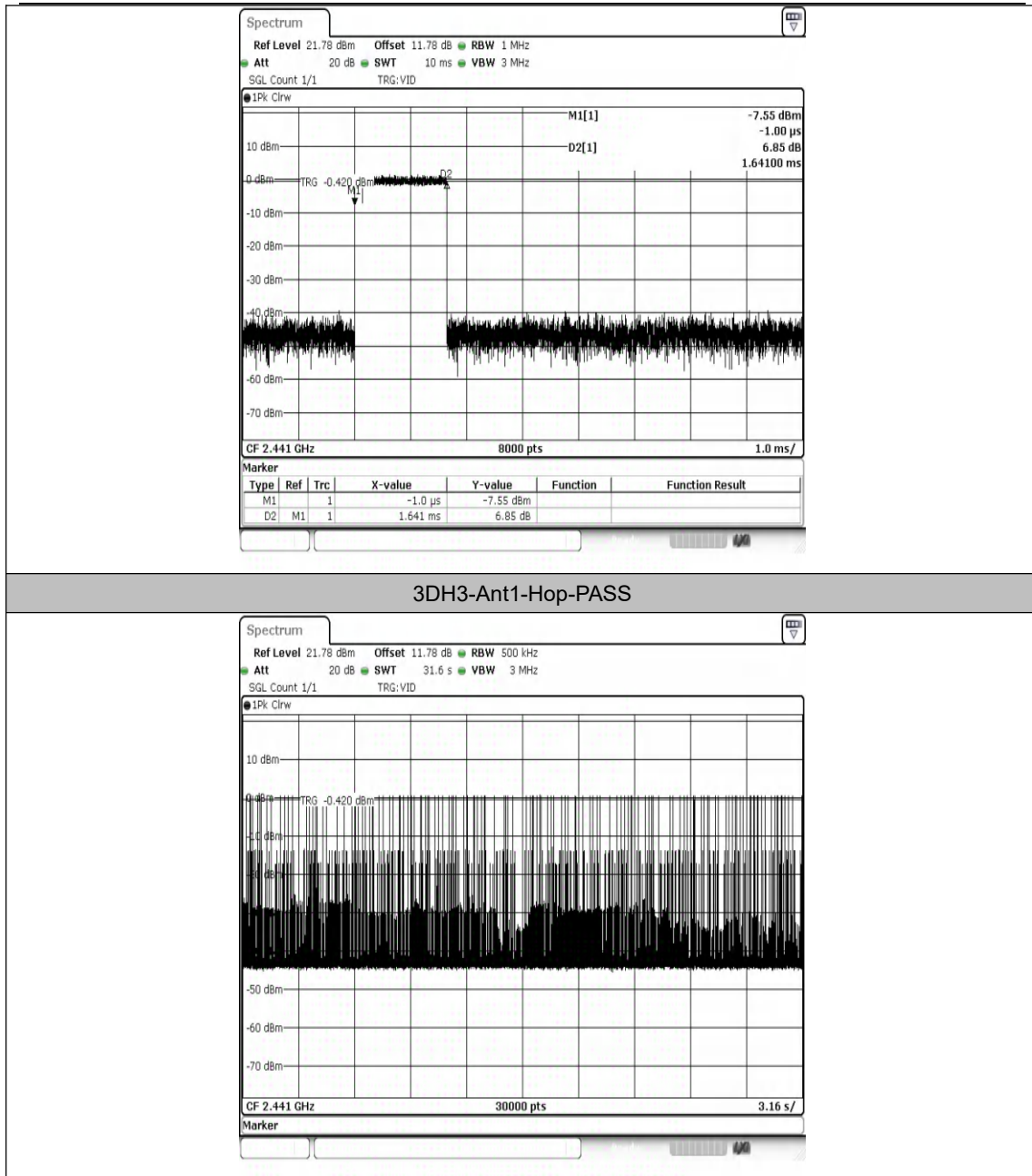
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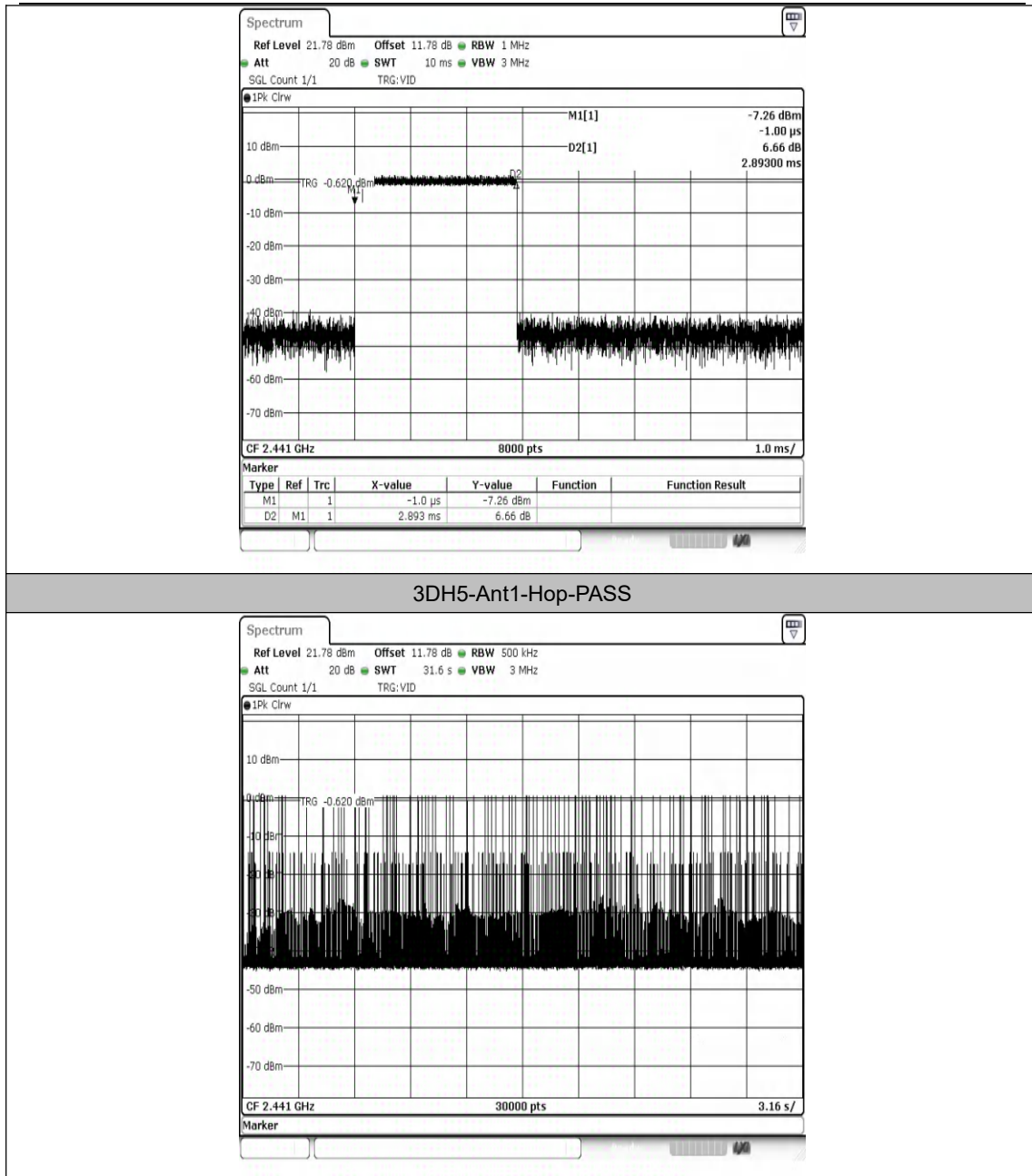
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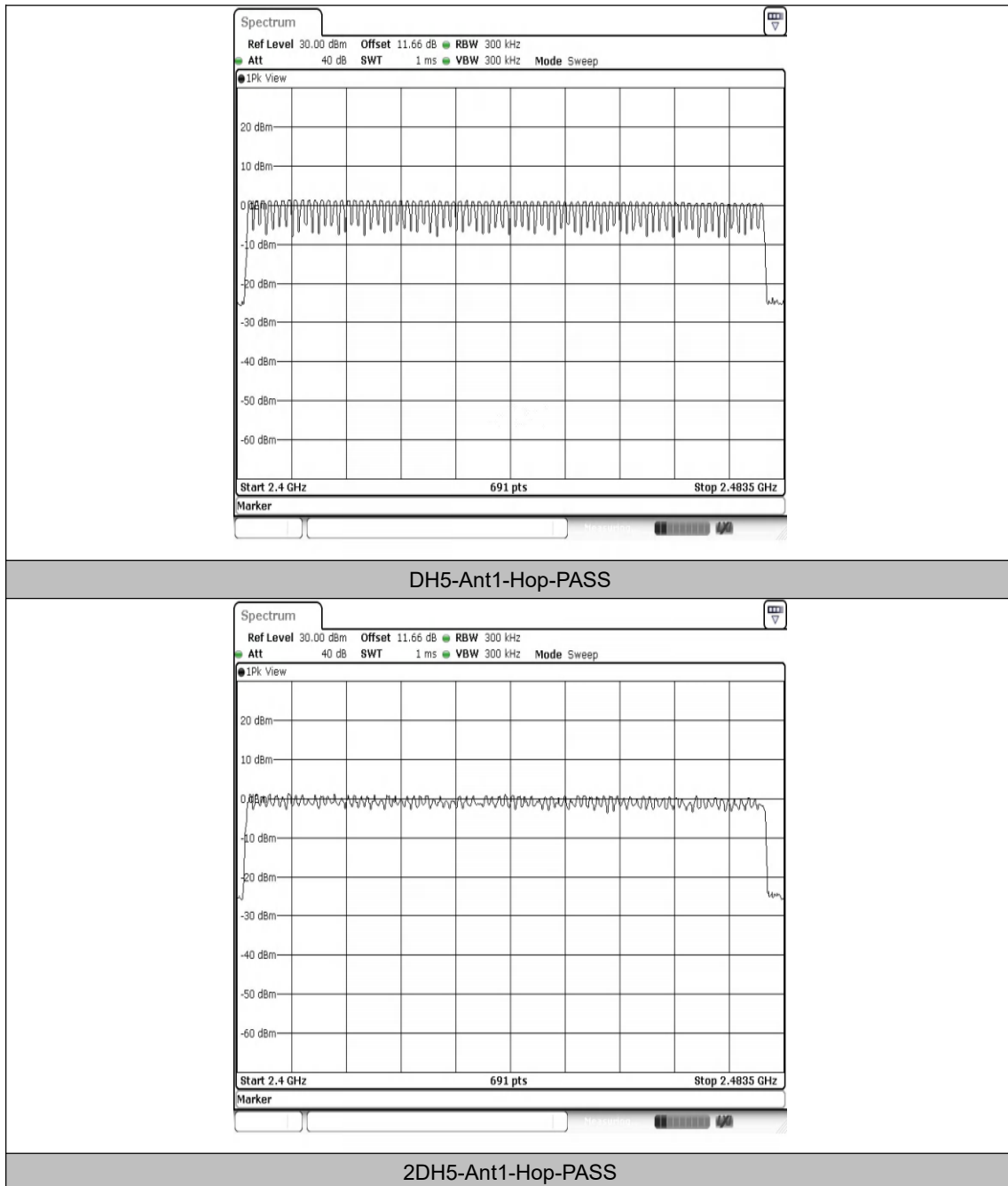
Appendix F: Number of Hopping Channel

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



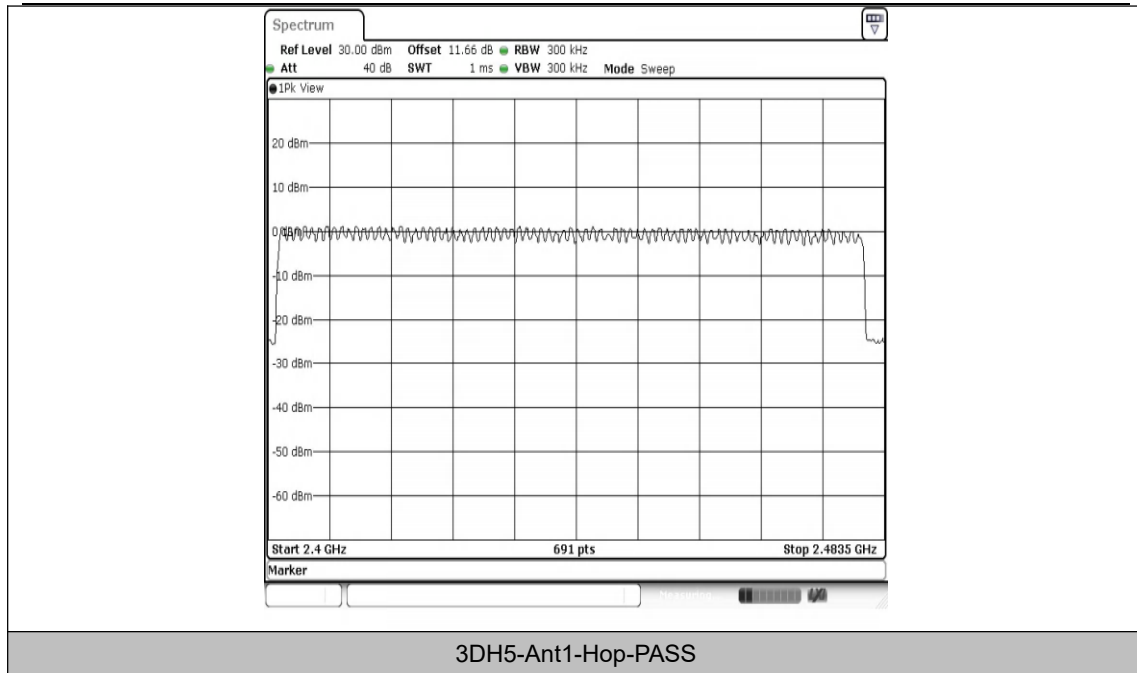
Test Graphs



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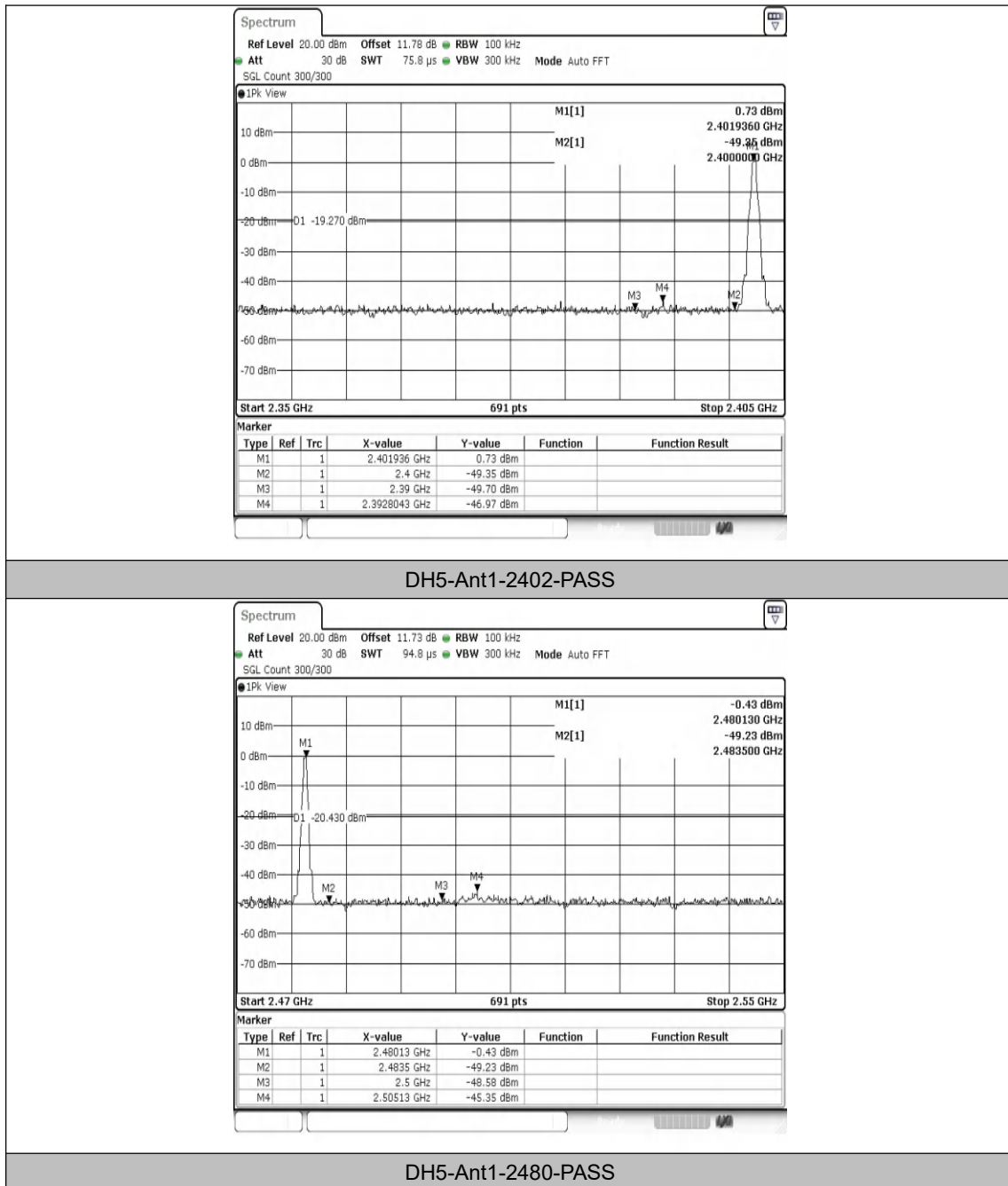
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	0.73	-46.97	≤-19.27	PASS
DH5	Ant1	High	2480	-0.43	-45.35	≤-20.43	PASS
DH5	Ant1	Low	Hop_2402	-0.07	-47.4	≤-20.07	PASS
DH5	Ant1	High	Hop_2480	-0.24	-45.63	≤-20.24	PASS
2DH5	Ant1	Low	2402	0.57	-47.12	≤-19.43	PASS
2DH5	Ant1	High	2480	-0.26	-46.07	≤-20.26	PASS
2DH5	Ant1	Low	Hop_2402	-1.58	-46.94	≤-21.58	PASS
2DH5	Ant1	High	Hop_2480	-2.13	-46.08	≤-22.13	PASS
3DH5	Ant1	Low	2402	0.43	-47.77	≤-19.57	PASS
3DH5	Ant1	High	2480	-1.44	-45.93	≤-21.44	PASS
3DH5	Ant1	Low	Hop_2402	-4.07	-46.61	≤-24.07	PASS
3DH5	Ant1	High	Hop_2480	-2.11	-45.75	≤-22.11	PASS



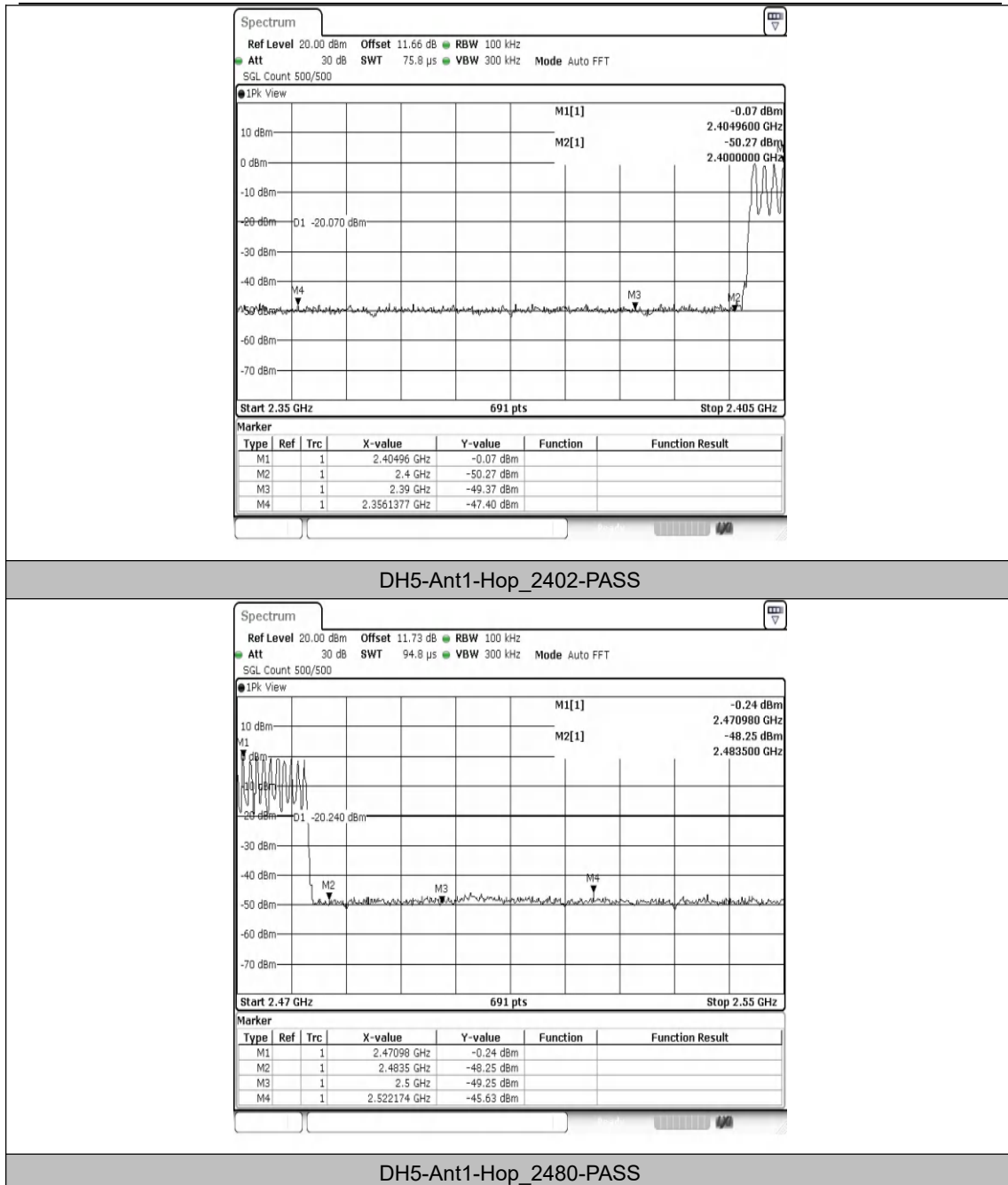
Test Graphs

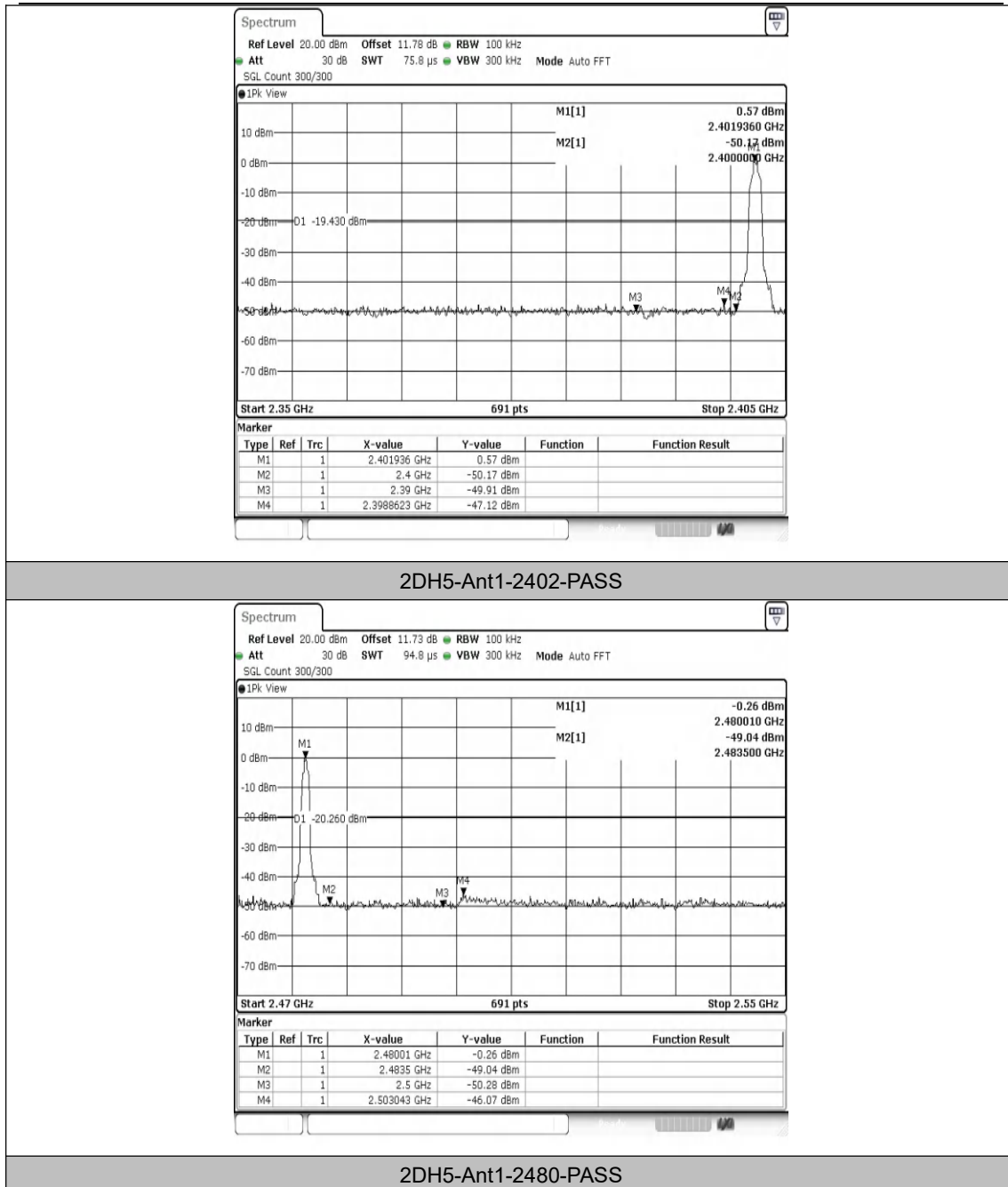


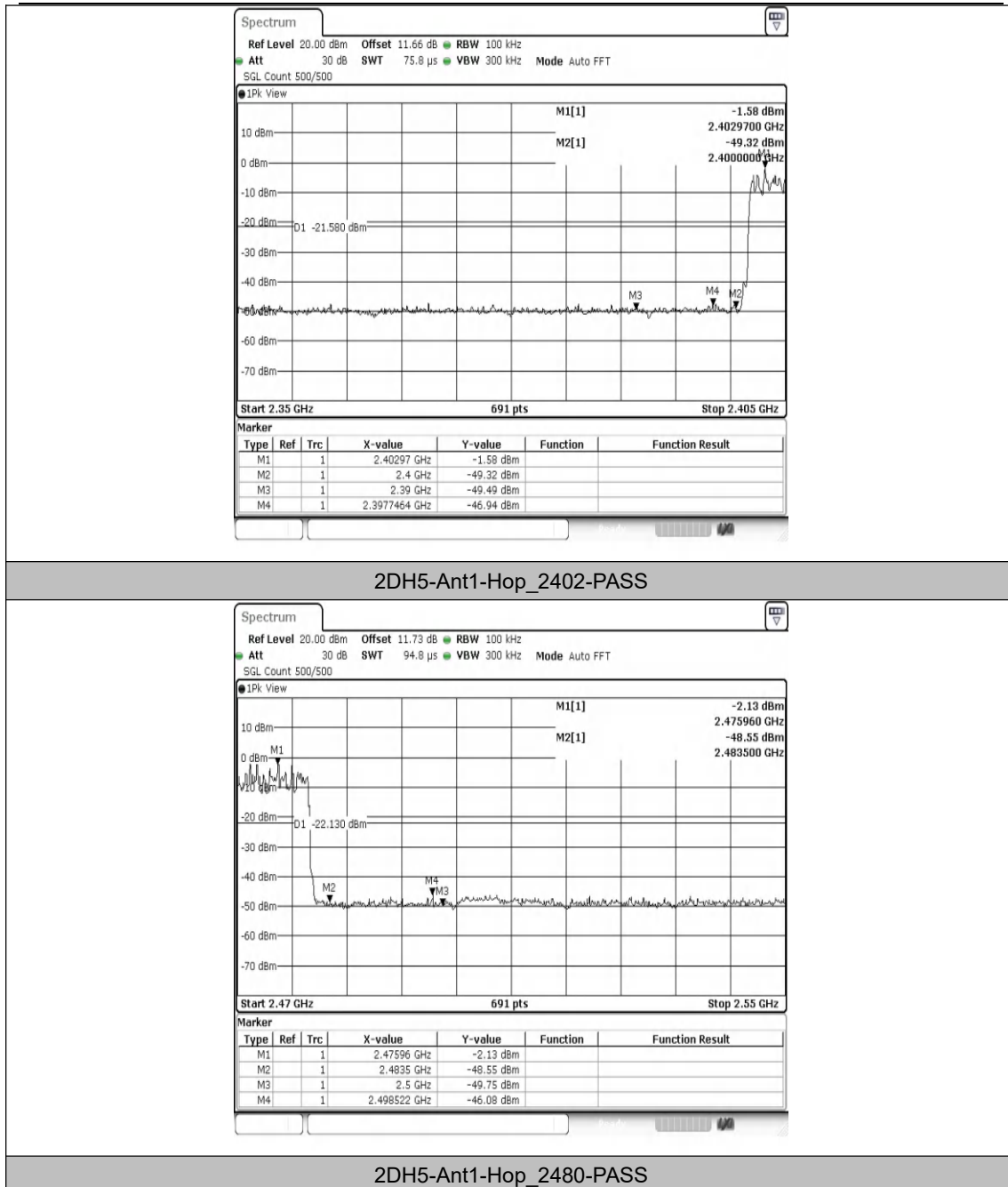
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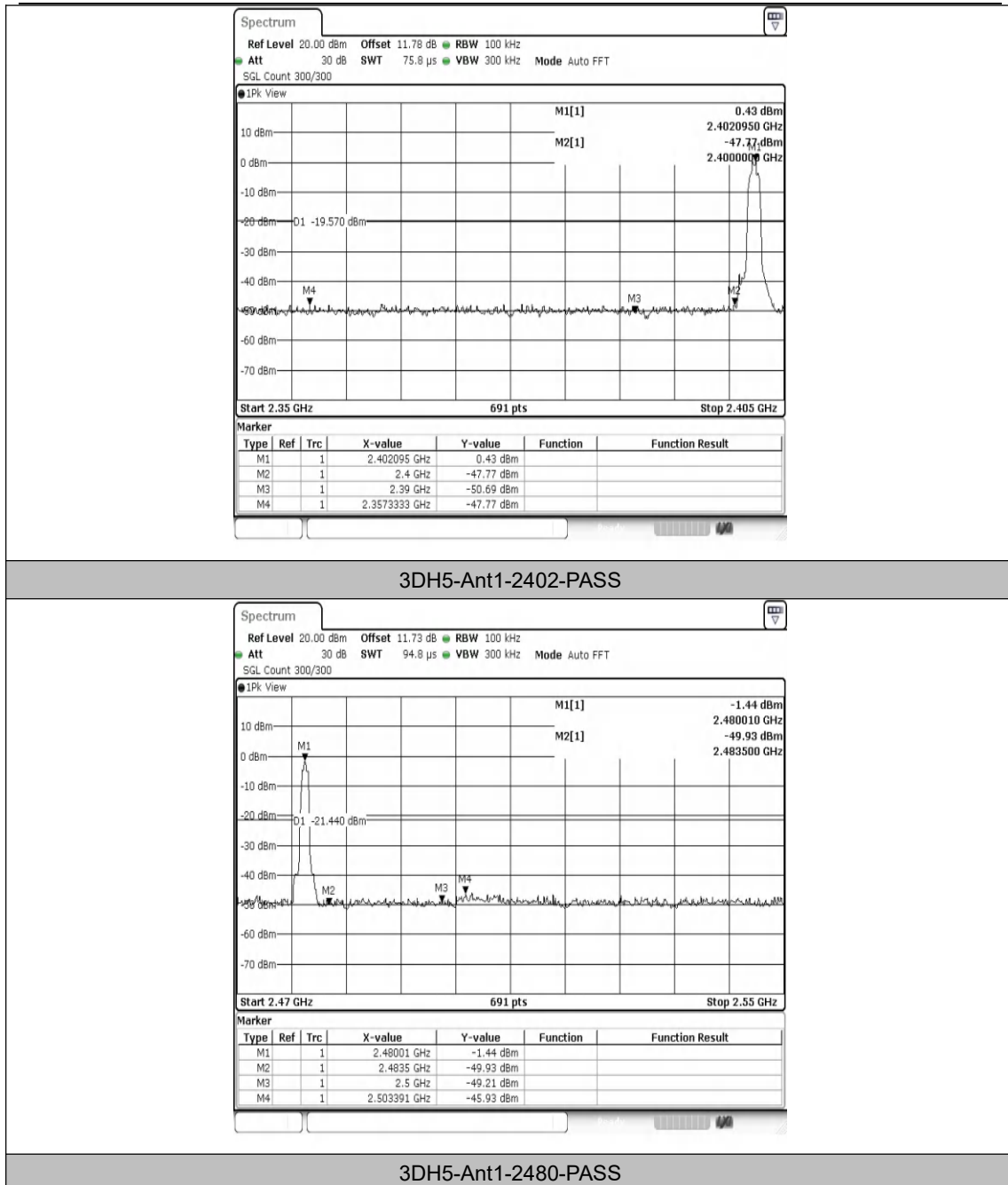
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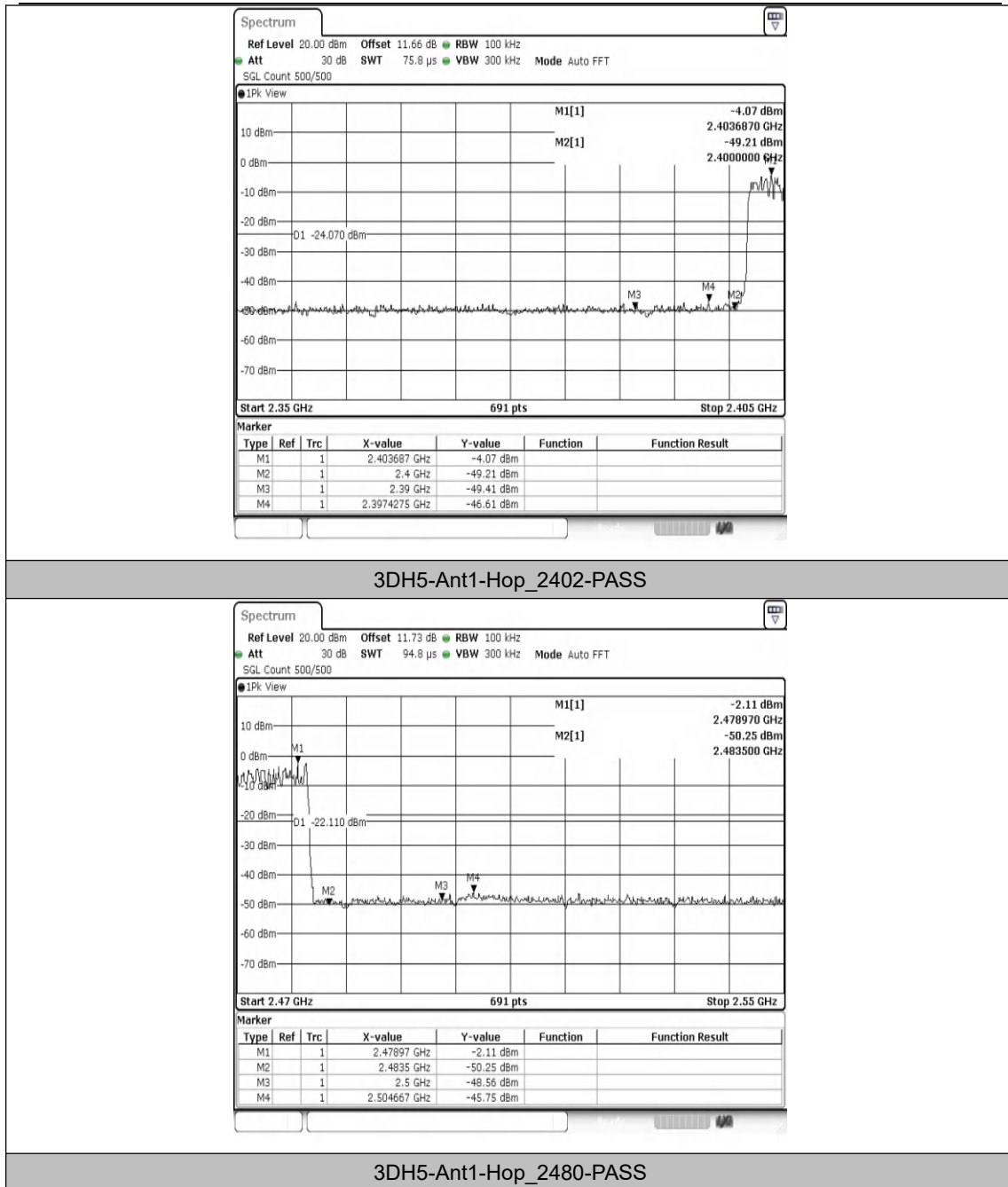
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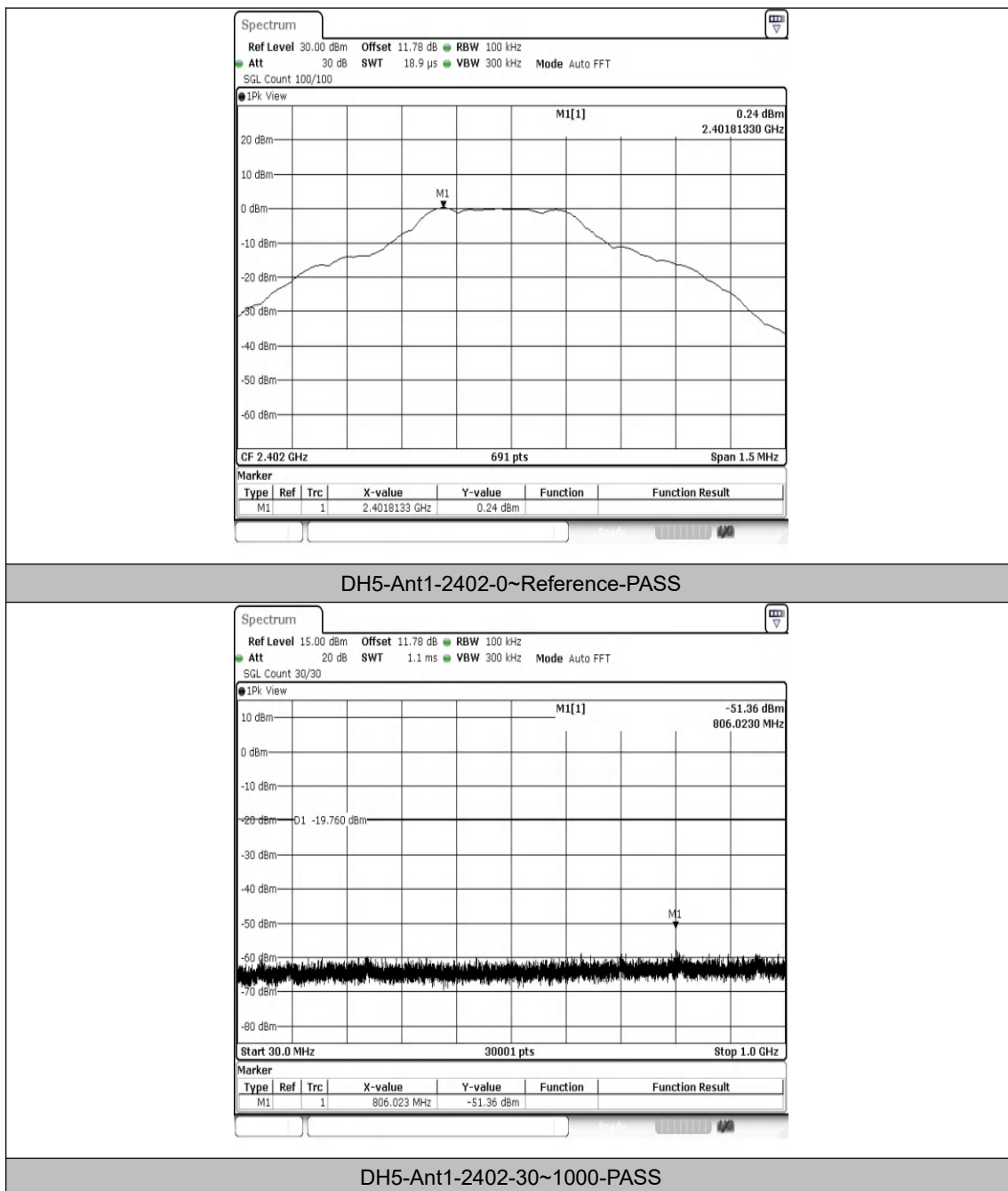
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	0.24	0.24	---	PASS
DH5	Ant1	2402	30~1000	0.24	-51.36	≤-19.76	PASS
DH5	Ant1	2402	1000~26500	0.24	-43.96	≤-19.76	PASS
DH5	Ant1	2441	0~Reference	0.28	0.28	---	PASS
DH5	Ant1	2441	30~1000	0.28	-53.67	≤-19.72	PASS
DH5	Ant1	2441	1000~26500	0.28	-39.35	≤-19.72	PASS
DH5	Ant1	2480	0~Reference	-0.32	-0.32	---	PASS
DH5	Ant1	2480	30~1000	-0.32	-54.07	≤-20.32	PASS
DH5	Ant1	2480	1000~26500	-0.32	-41.36	≤-20.32	PASS
2DH5	Ant1	2402	0~Reference	-1.80	-1.80	---	PASS
2DH5	Ant1	2402	30~1000	-1.80	-58.25	≤-21.8	PASS
2DH5	Ant1	2402	1000~26500	-1.80	-42.69	≤-21.8	PASS
2DH5	Ant1	2441	0~Reference	-2.43	-2.43	---	PASS
2DH5	Ant1	2441	30~1000	-2.43	-58.41	≤-22.43	PASS
2DH5	Ant1	2441	1000~26500	-2.43	-42.98	≤-22.43	PASS
2DH5	Ant1	2480	0~Reference	-0.37	-0.37	---	PASS
2DH5	Ant1	2480	30~1000	-0.37	-58.25	≤-20.37	PASS
2DH5	Ant1	2480	1000~26500	-0.37	-42.86	≤-20.37	PASS
3DH5	Ant1	2402	0~Reference	-0.15	-0.15	---	PASS
3DH5	Ant1	2402	30~1000	-0.15	-58.13	≤-20.15	PASS
3DH5	Ant1	2402	1000~26500	-0.15	-42.85	≤-20.15	PASS
3DH5	Ant1	2441	0~Reference	0.19	0.19	---	PASS
3DH5	Ant1	2441	30~1000	0.19	-57.88	≤-19.81	PASS
3DH5	Ant1	2441	1000~26500	0.19	-43.21	≤-19.81	PASS
3DH5	Ant1	2480	0~Reference	-0.46	-0.46	---	PASS
3DH5	Ant1	2480	30~1000	-0.46	-58.44	≤-20.46	PASS
3DH5	Ant1	2480	1000~26500	-0.46	-42.17	≤-20.46	PASS



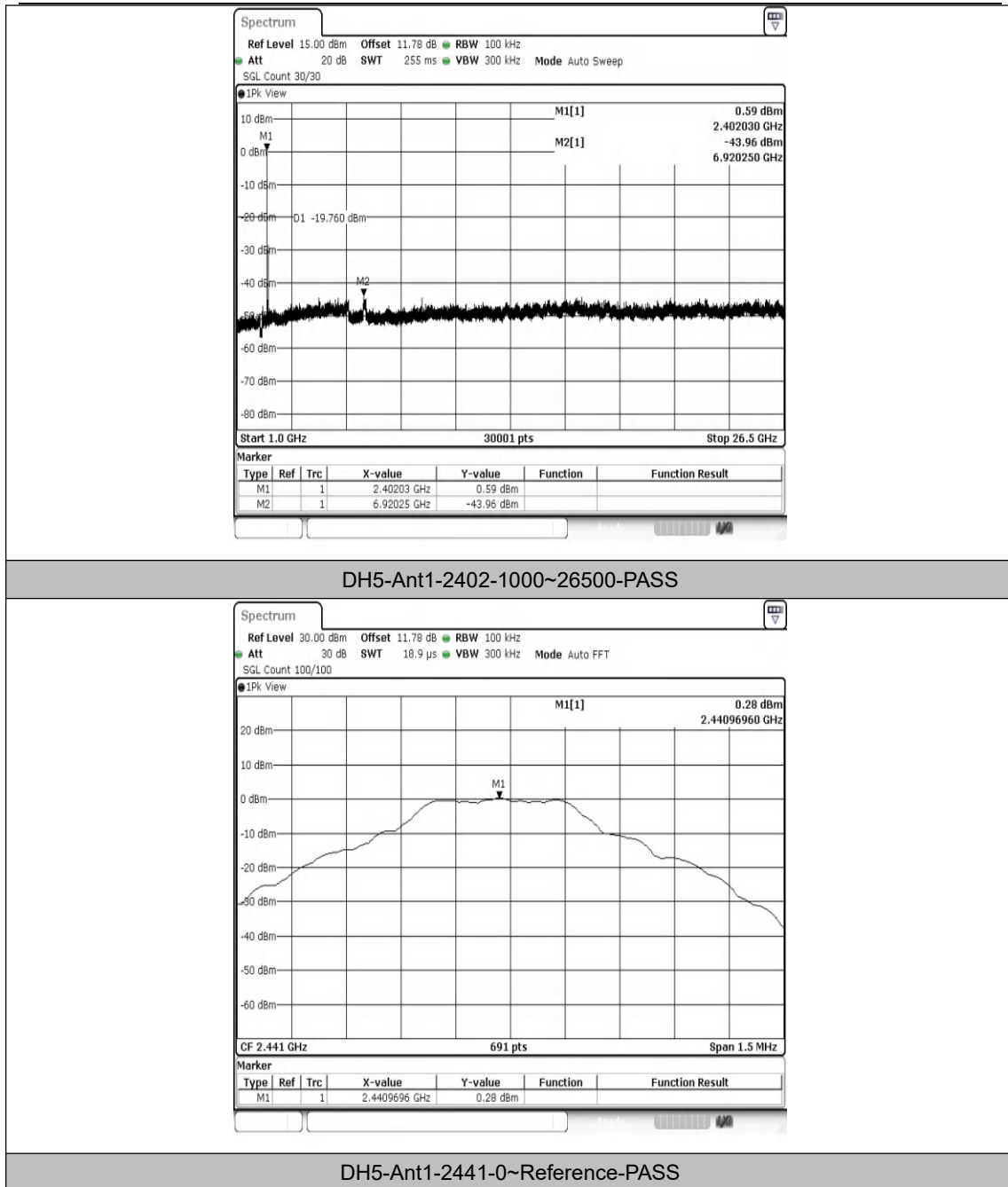
Test Graphs

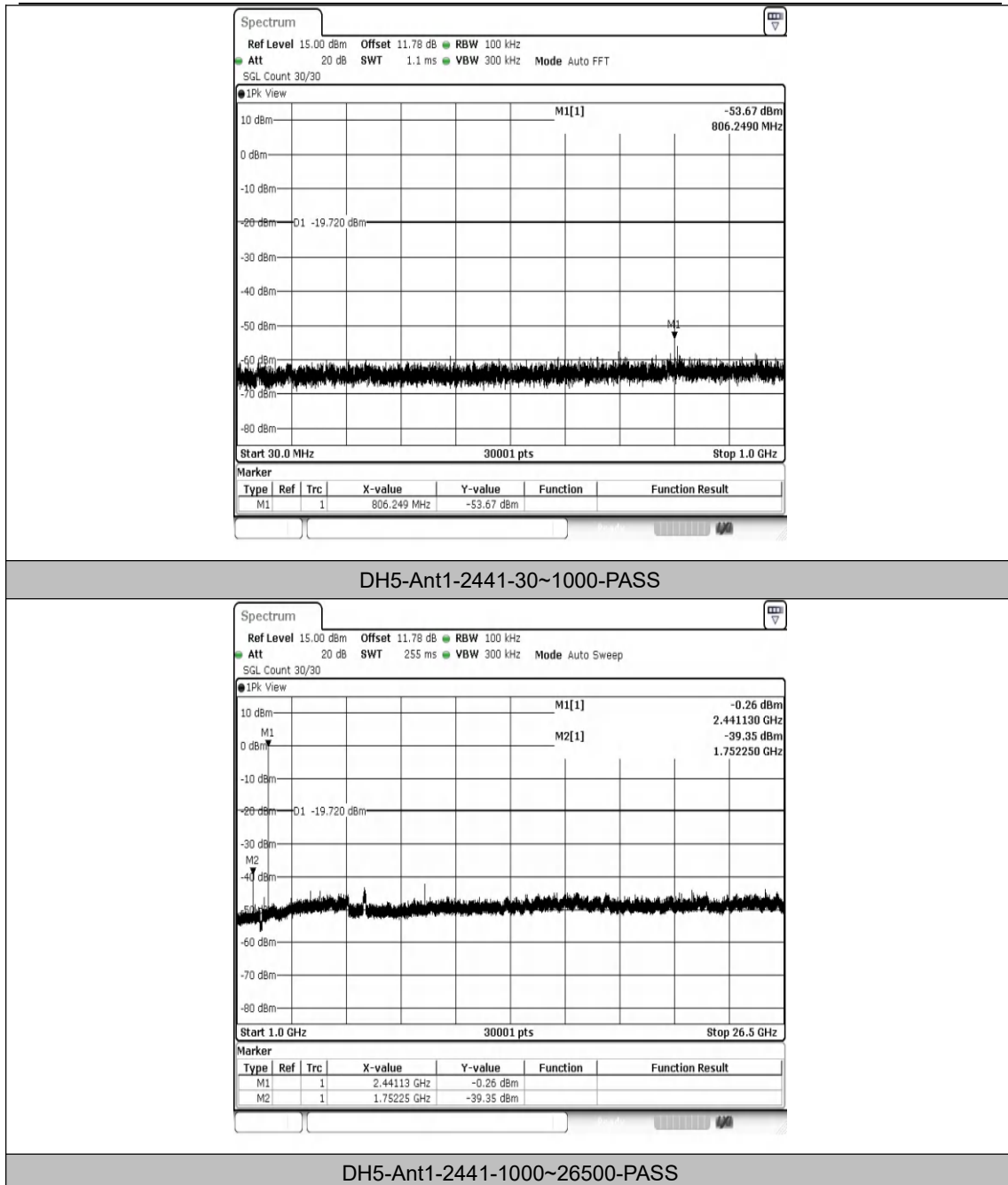


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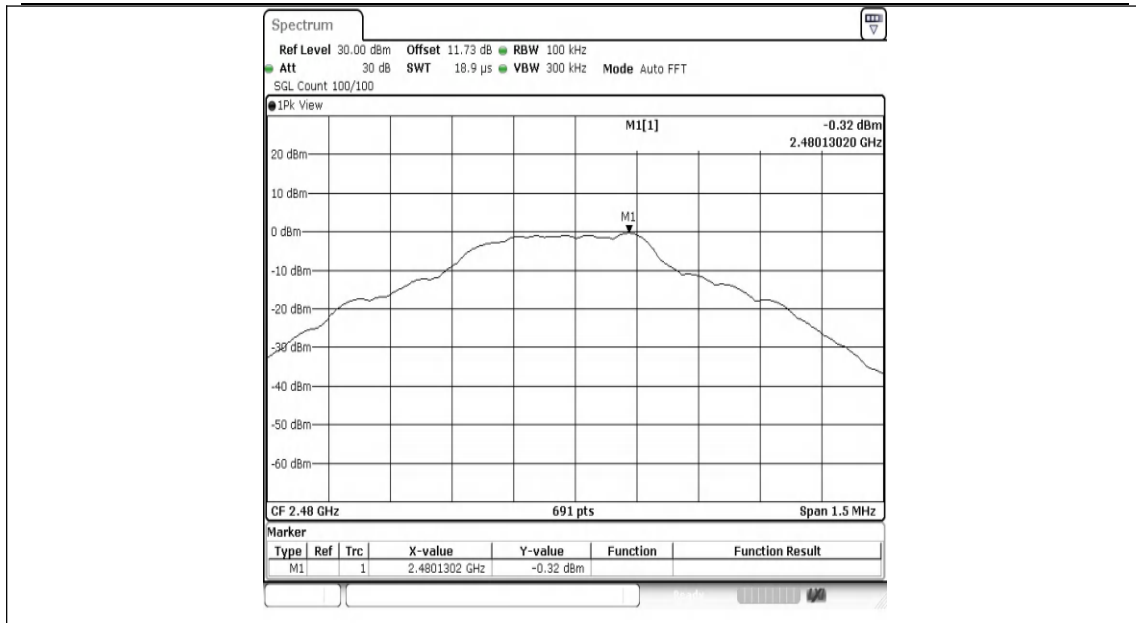




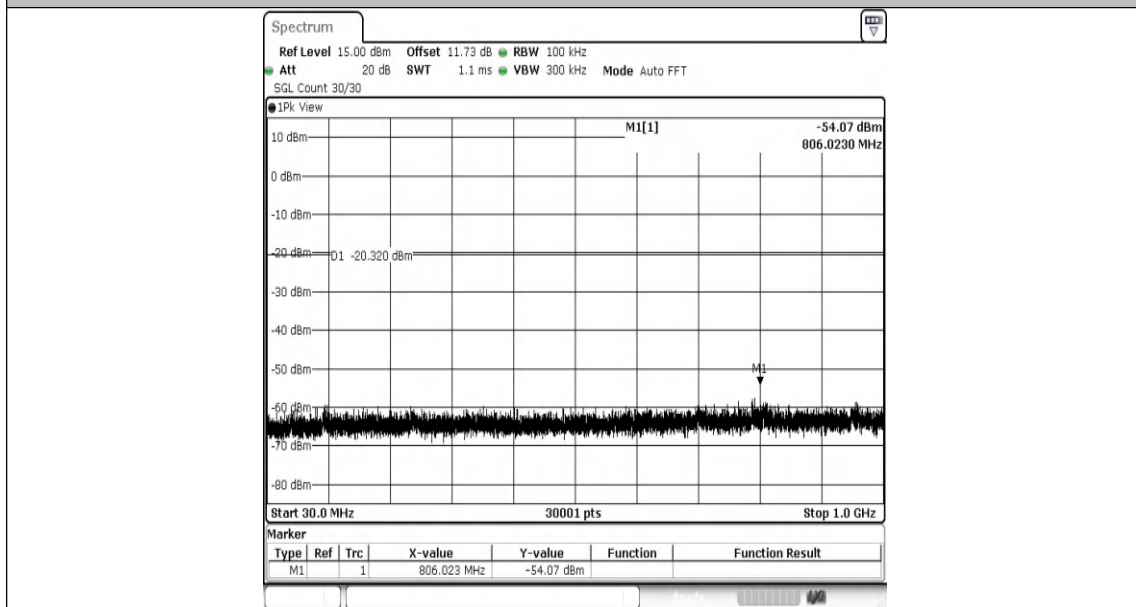
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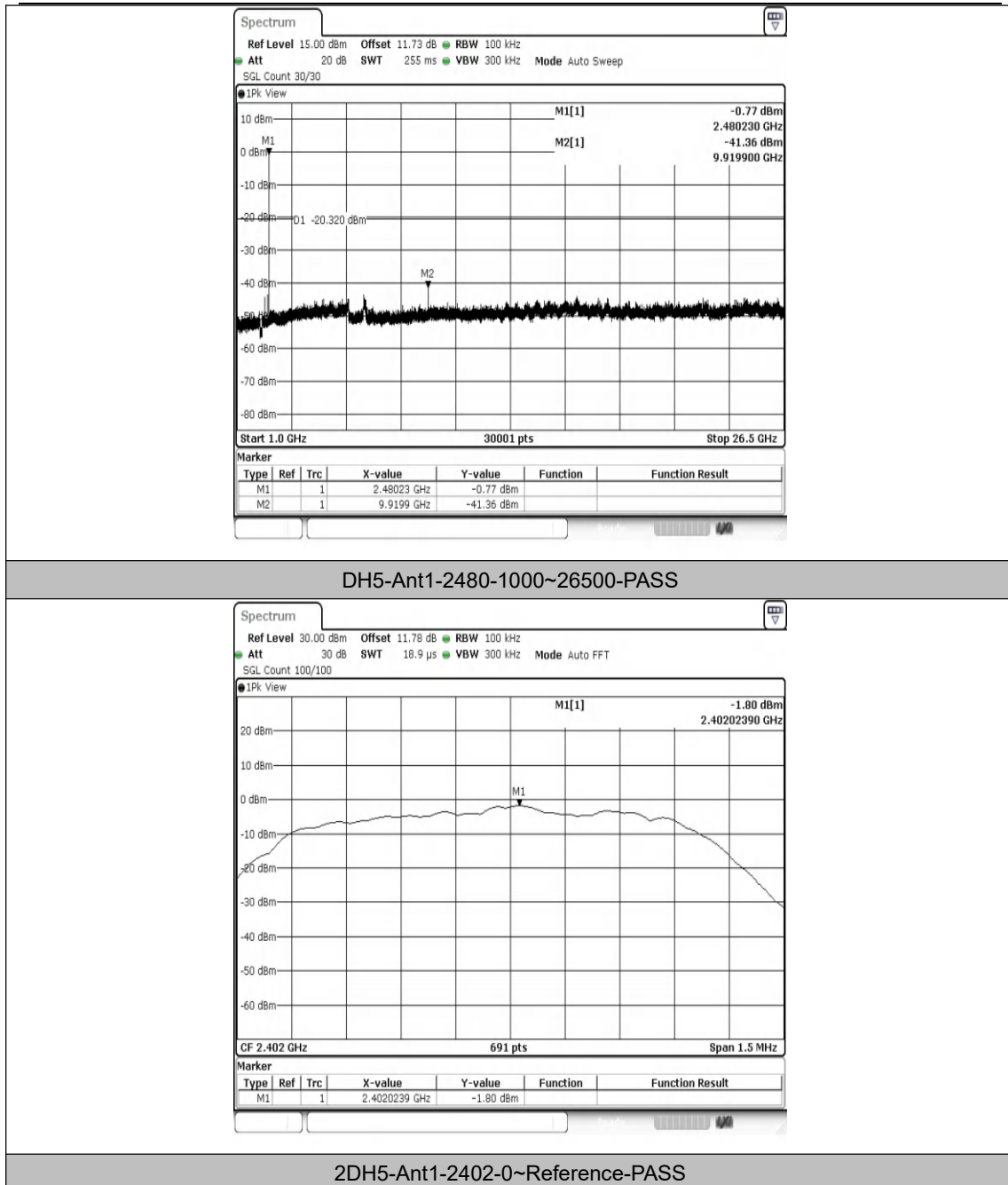
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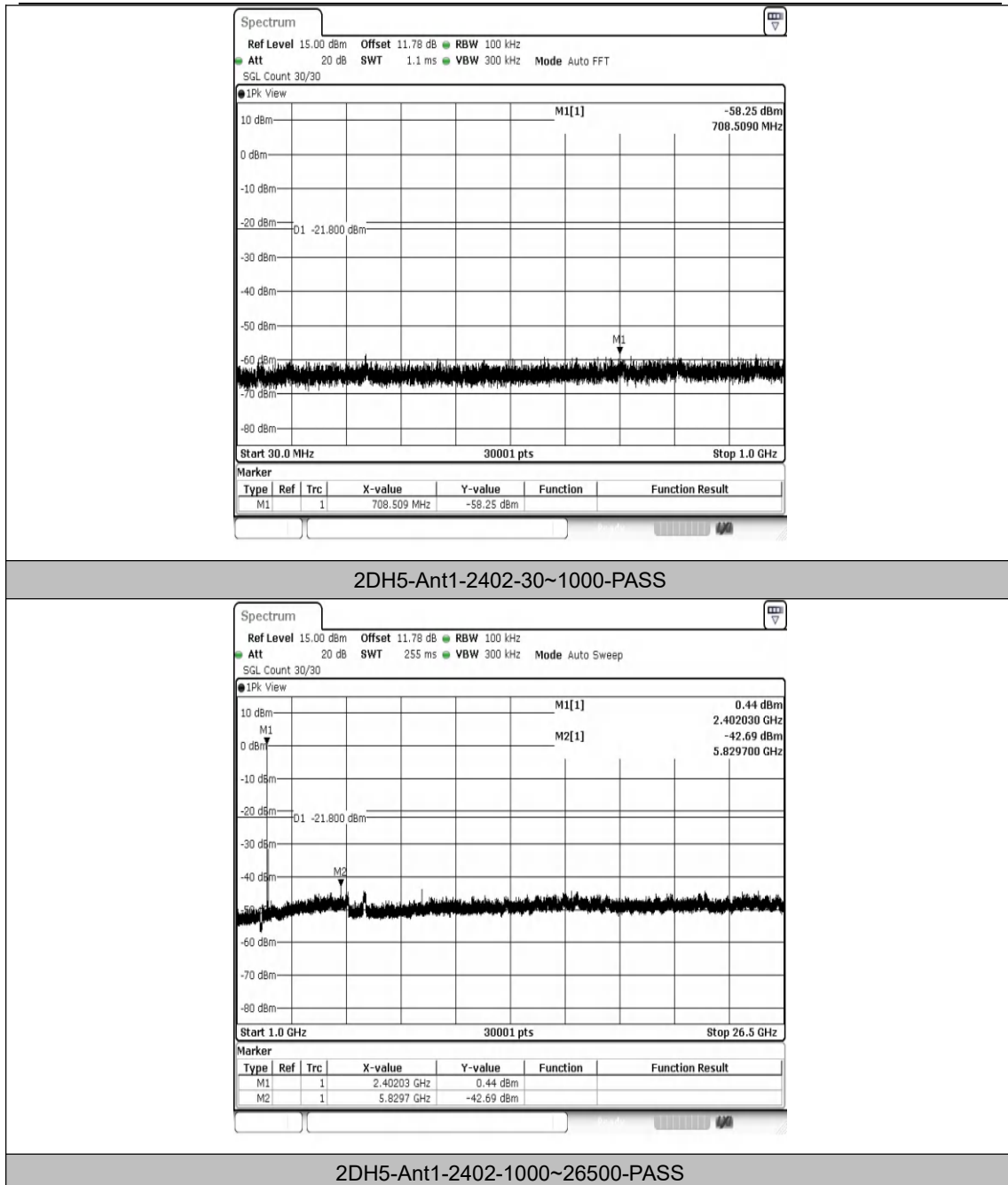


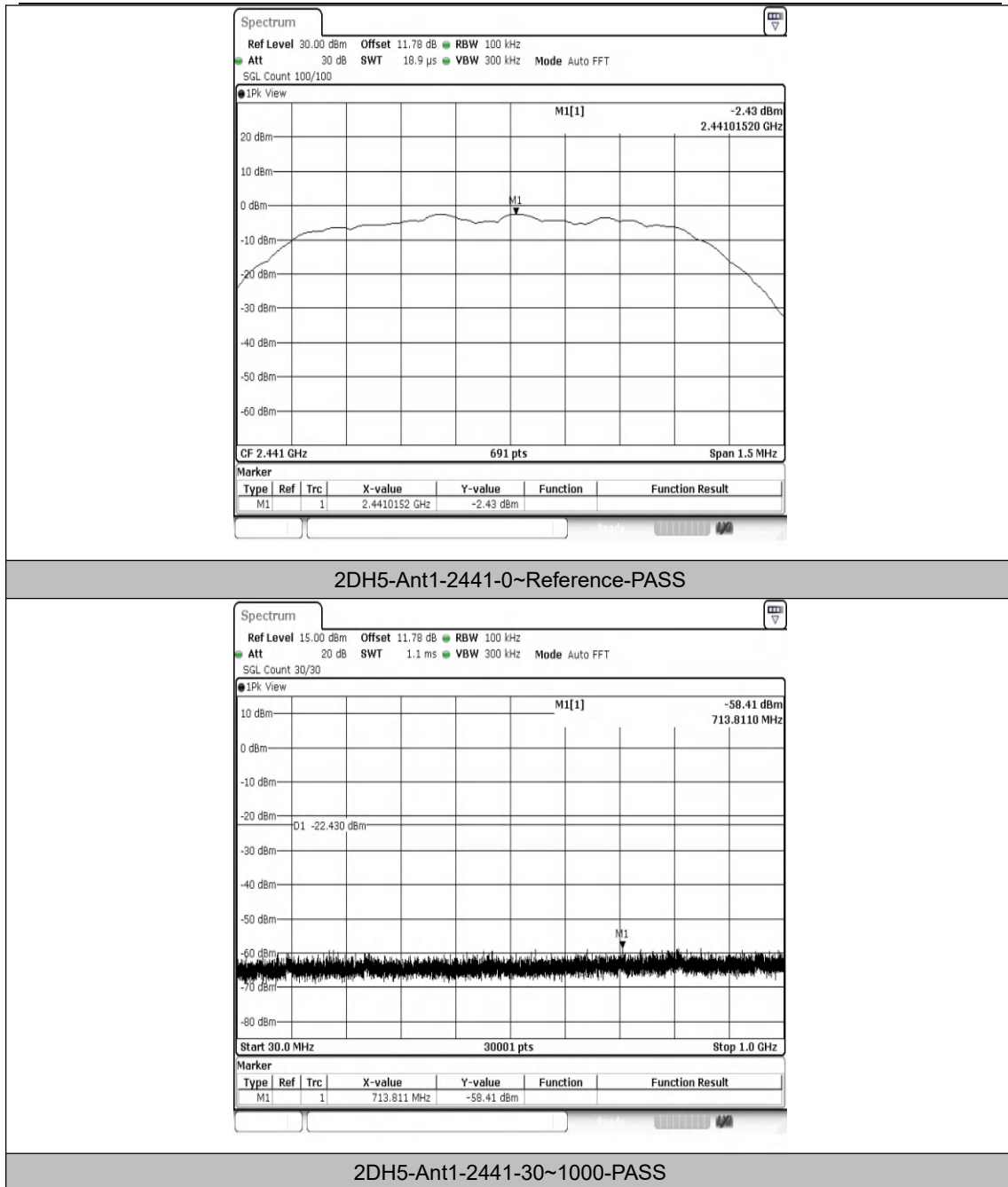
DH5-Ant1-2480-0~Reference-PASS



DH5-Ant1-2480-30~1000-PASS



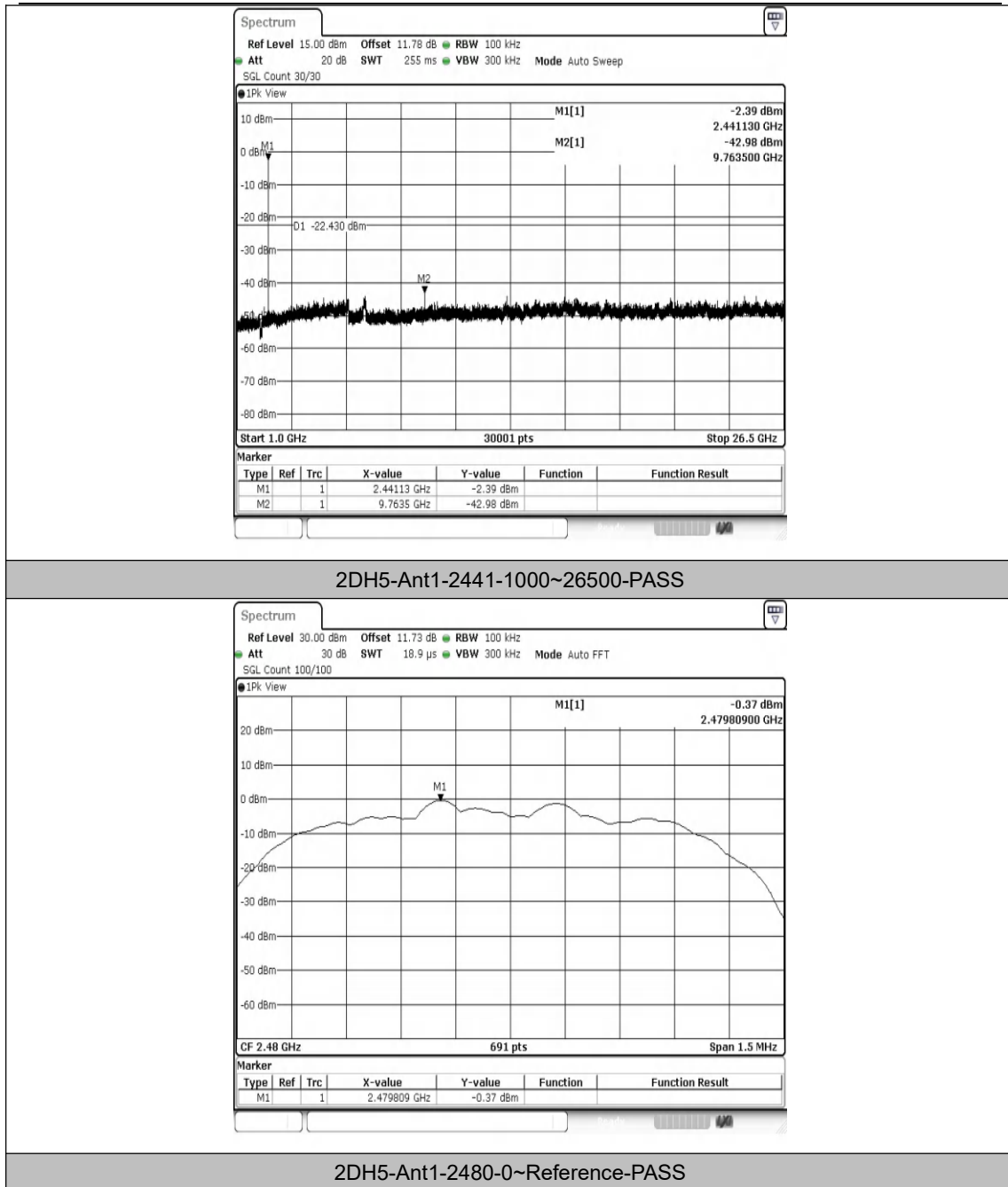


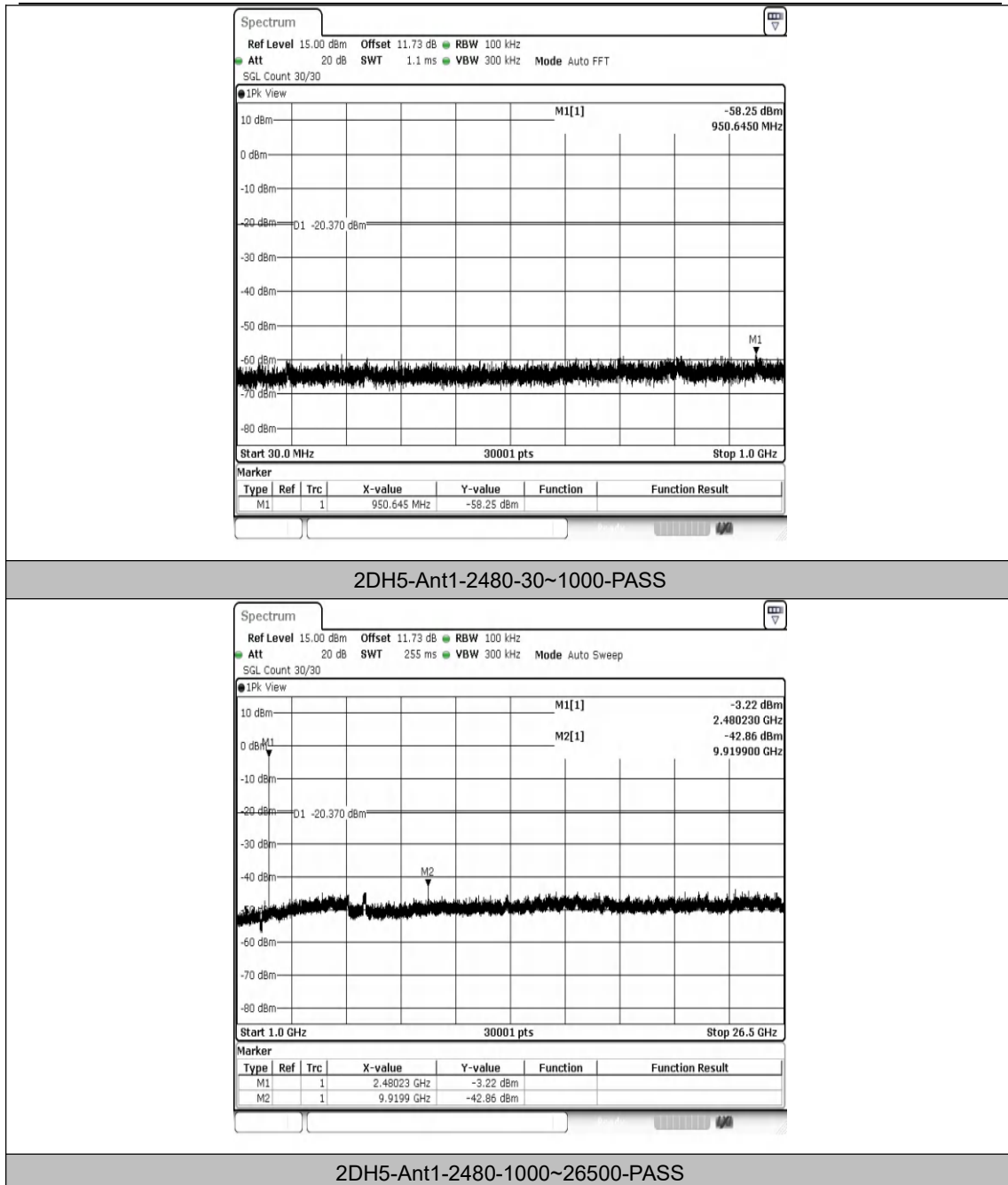


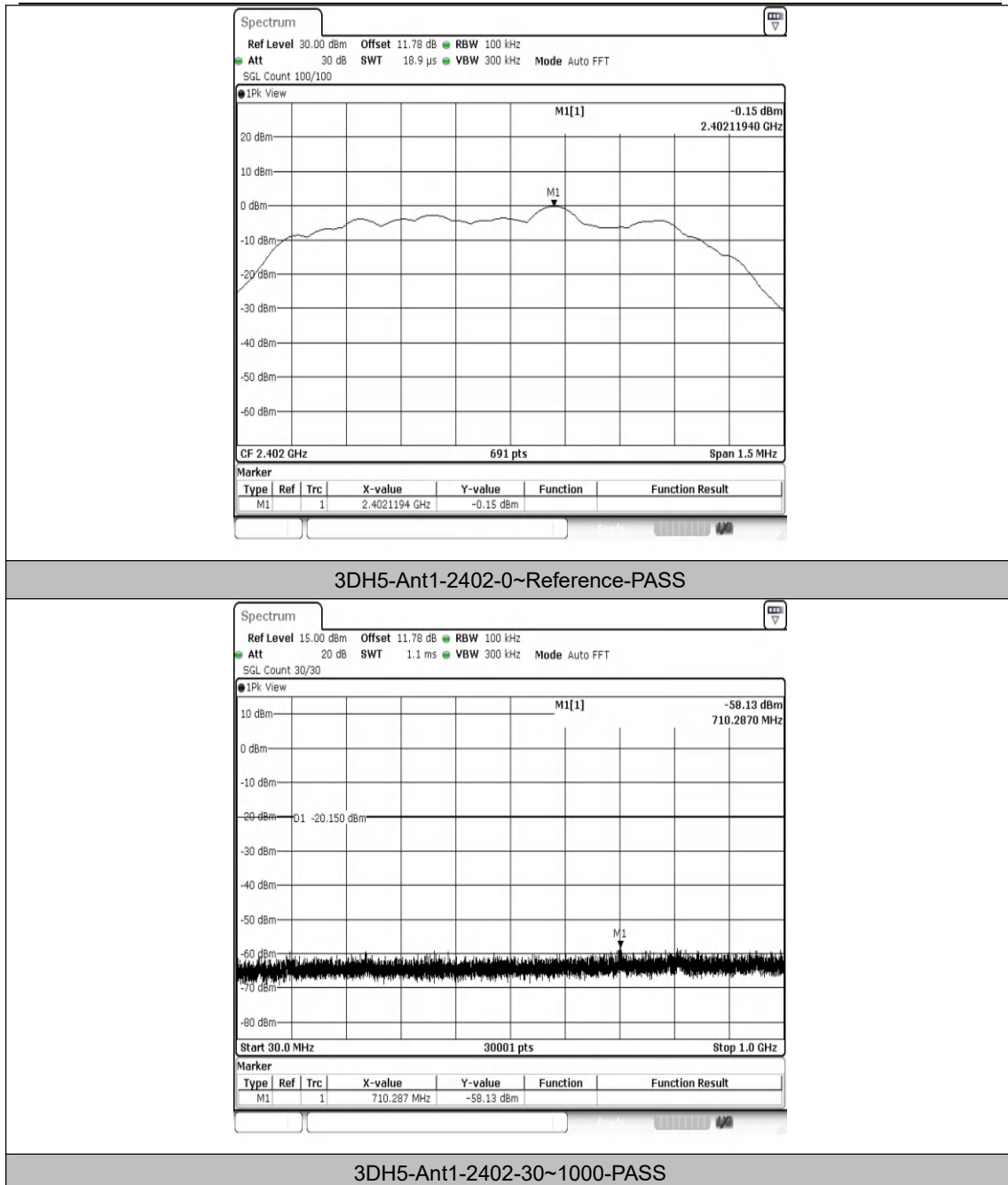
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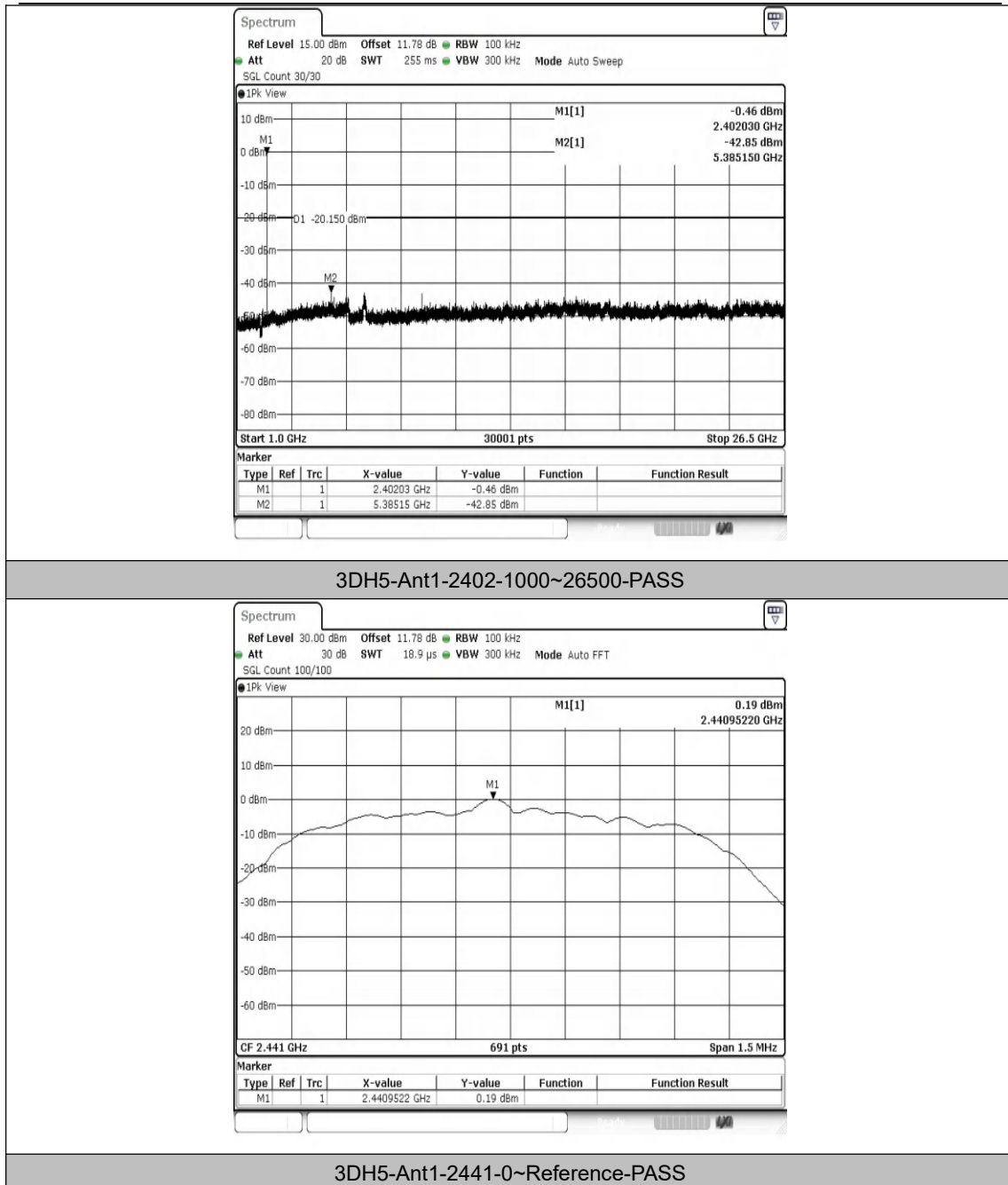


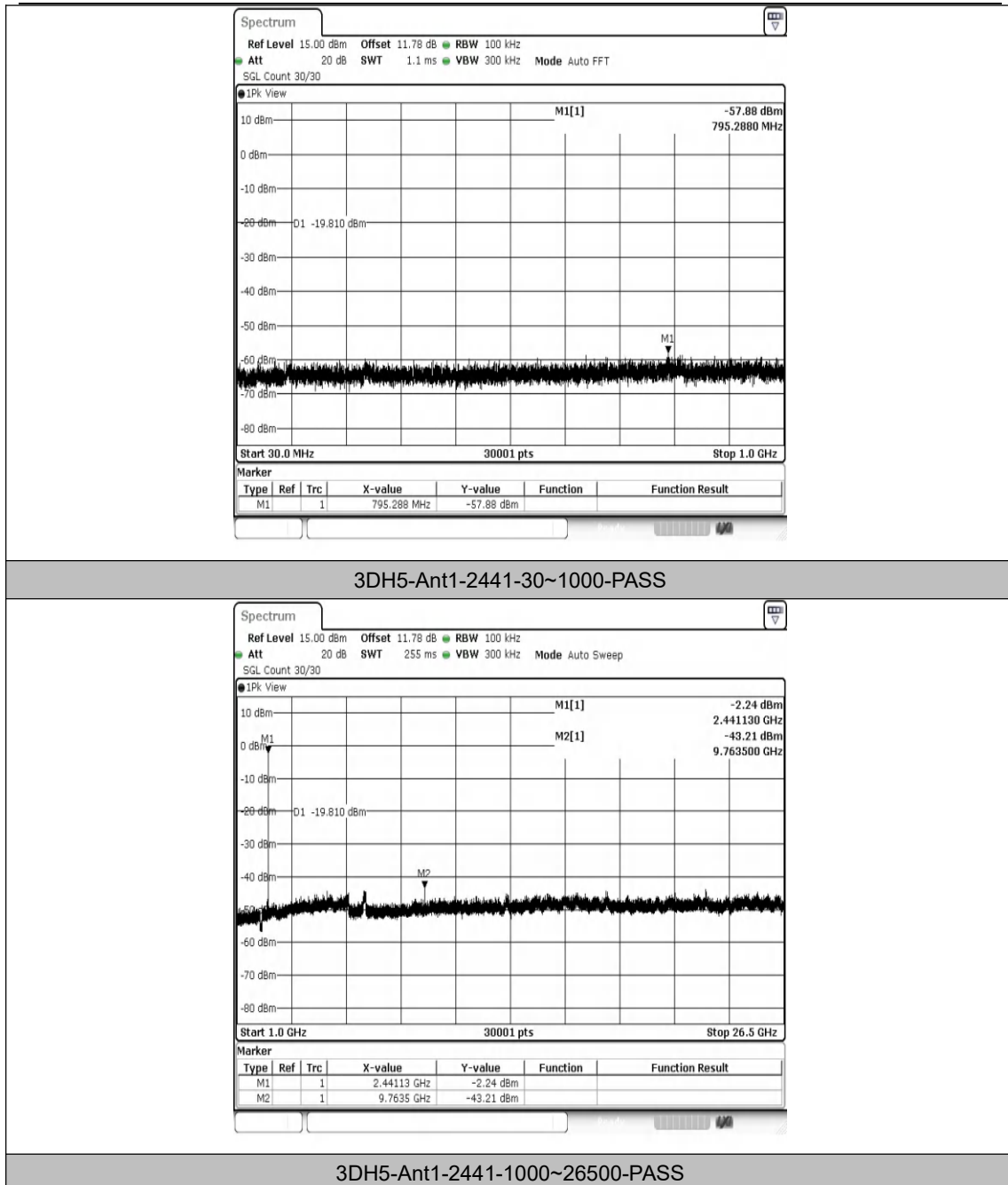


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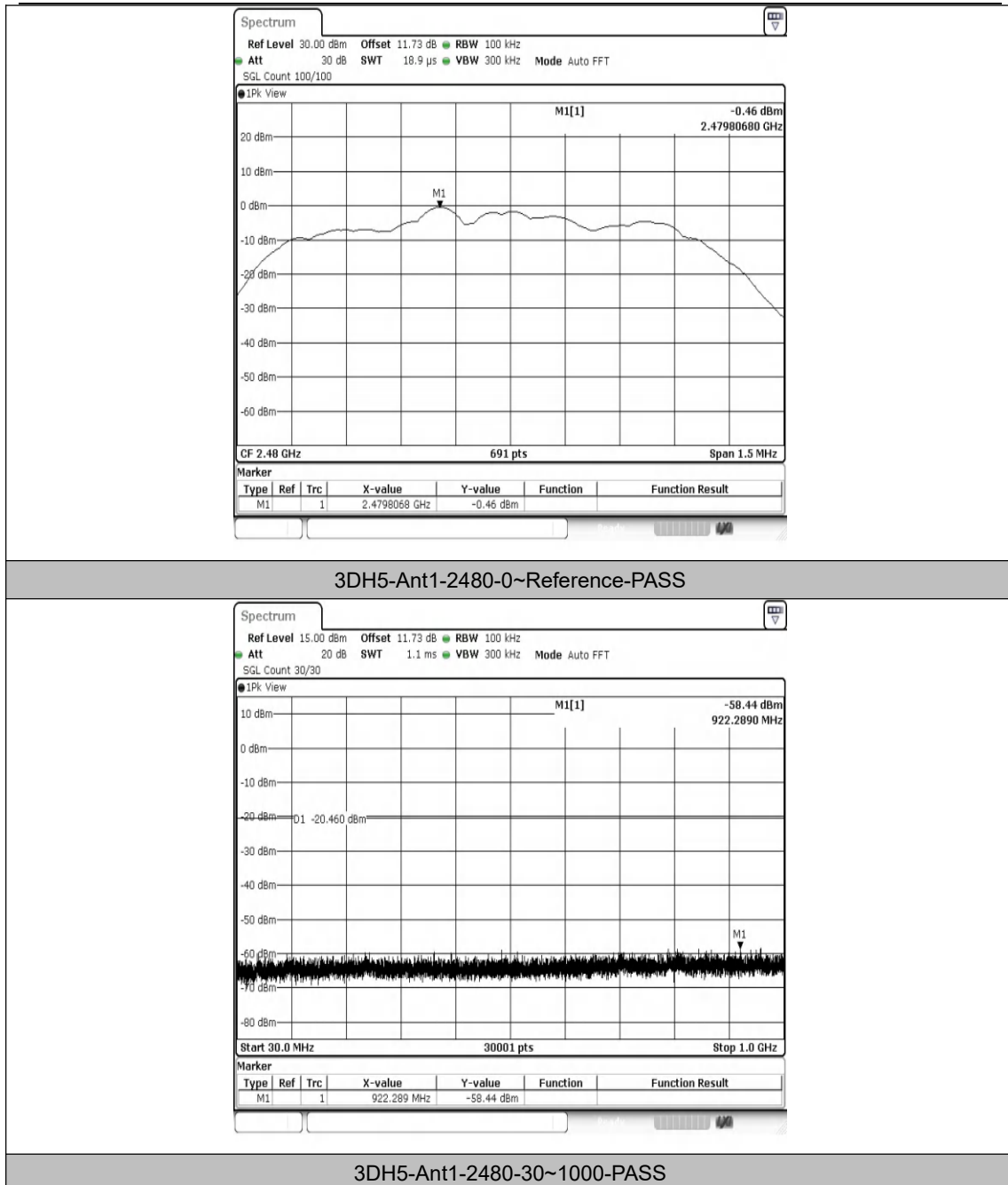


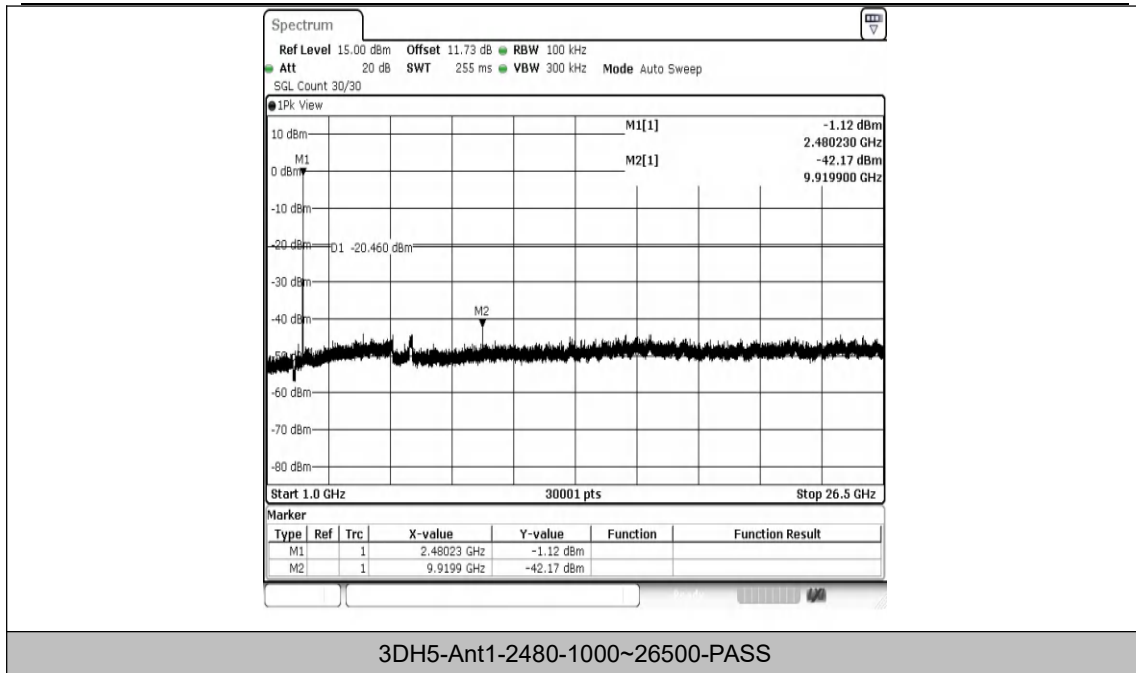


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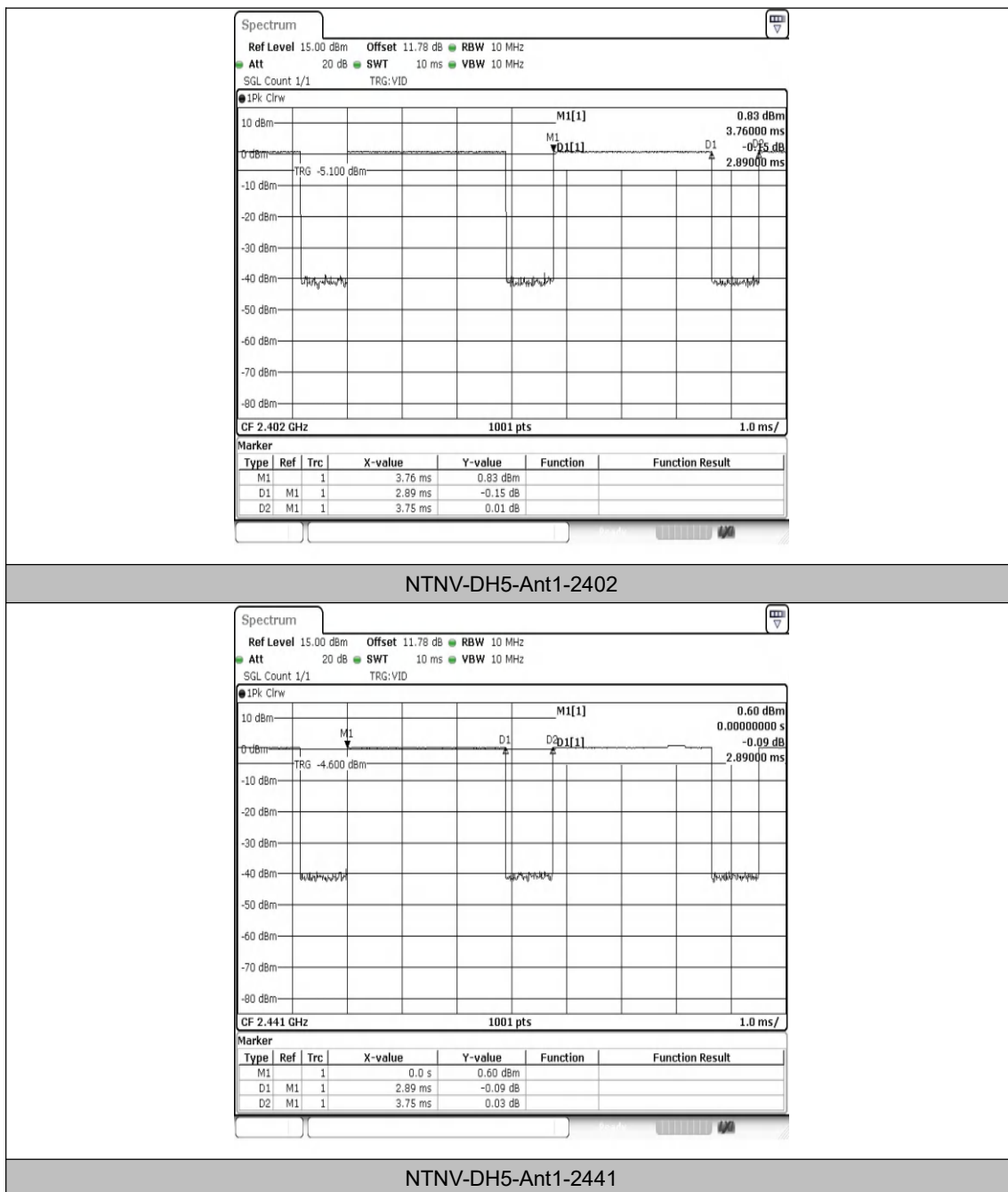
Appendix I: Duty Cycle

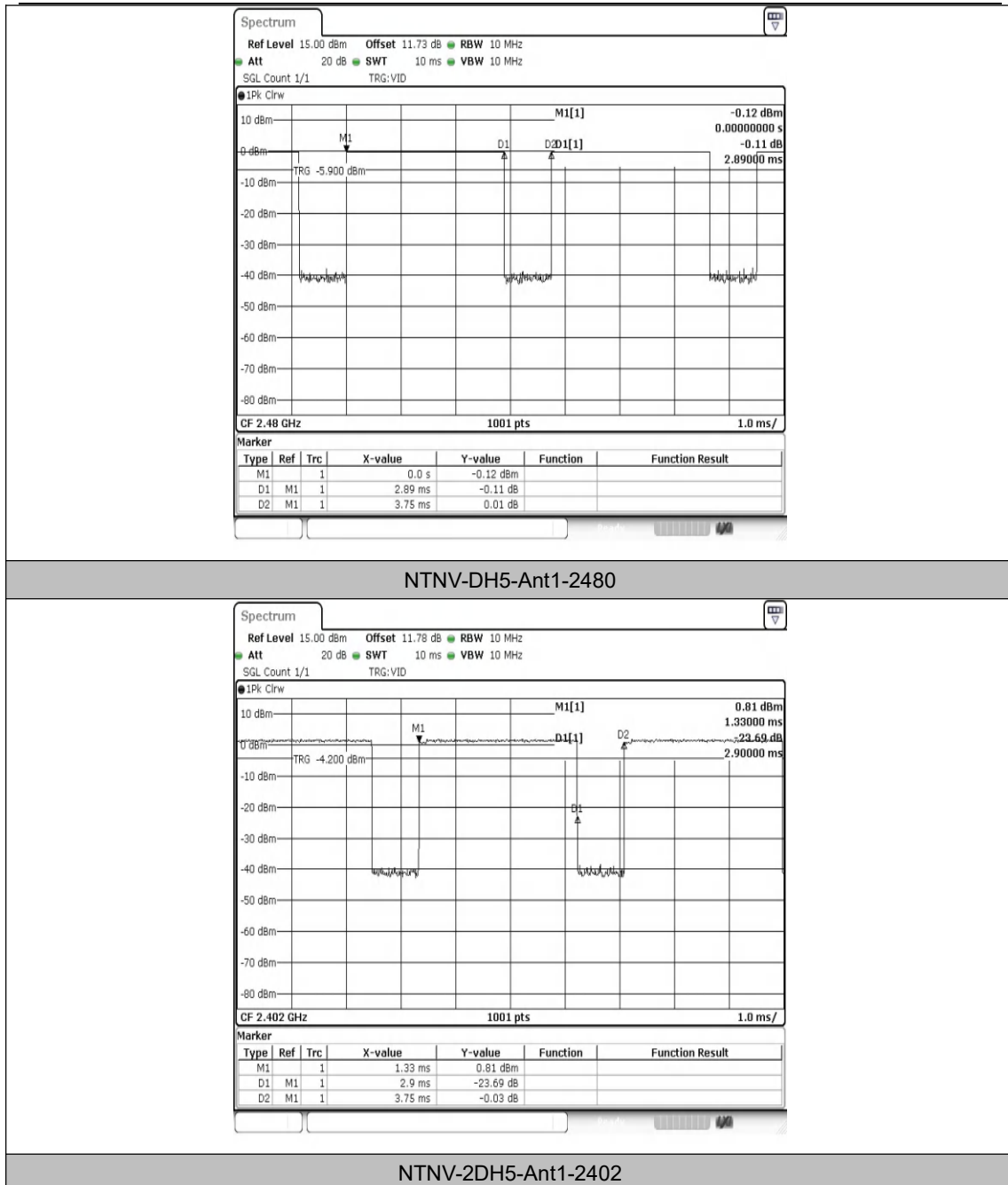
Test Result

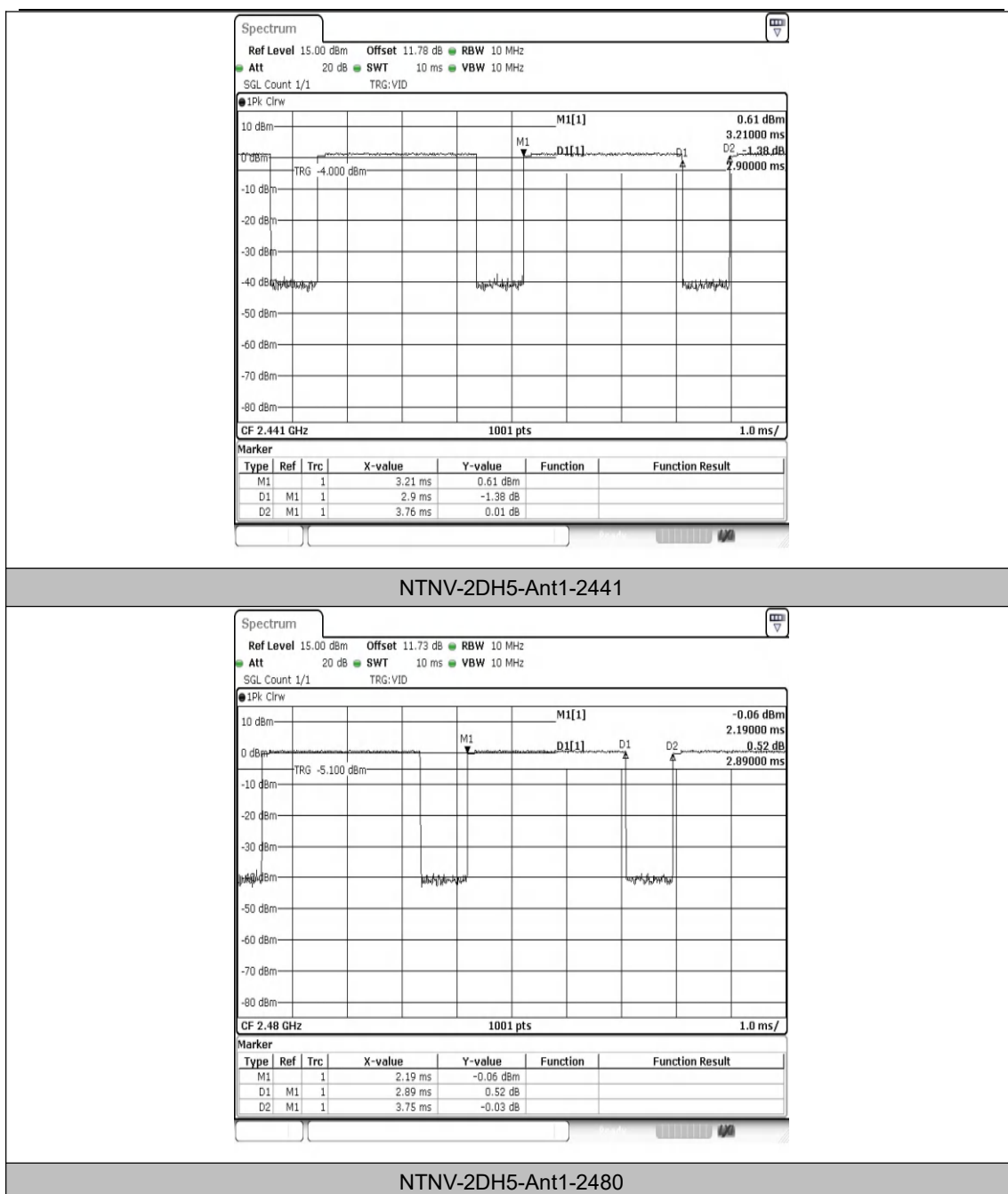
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.89	3.75	77.07	1.13
DH5	Ant1	2441	2.89	3.75	77.07	1.13
DH5	Ant1	2480	2.89	3.75	77.07	1.13
2DH5	Ant1	2402	2.90	3.75	77.33	1.12
2DH5	Ant1	2441	2.90	3.76	77.13	1.13
2DH5	Ant1	2480	2.89	3.75	77.07	1.13
3DH5	Ant1	2402	2.90	3.75	77.33	1.12
3DH5	Ant1	2441	2.90	3.75	77.33	1.12
3DH5	Ant1	2480	2.90	3.76	77.13	1.13

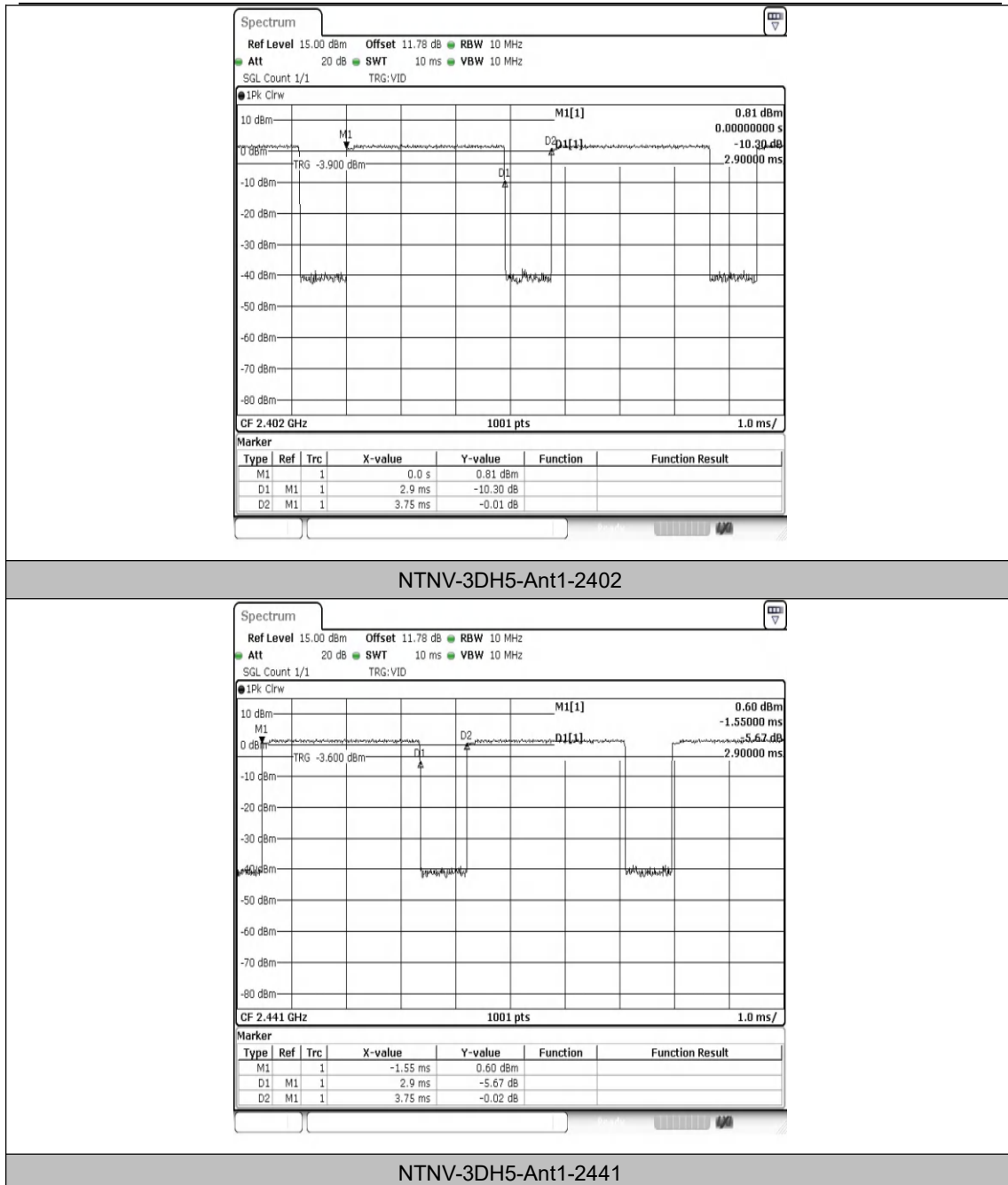


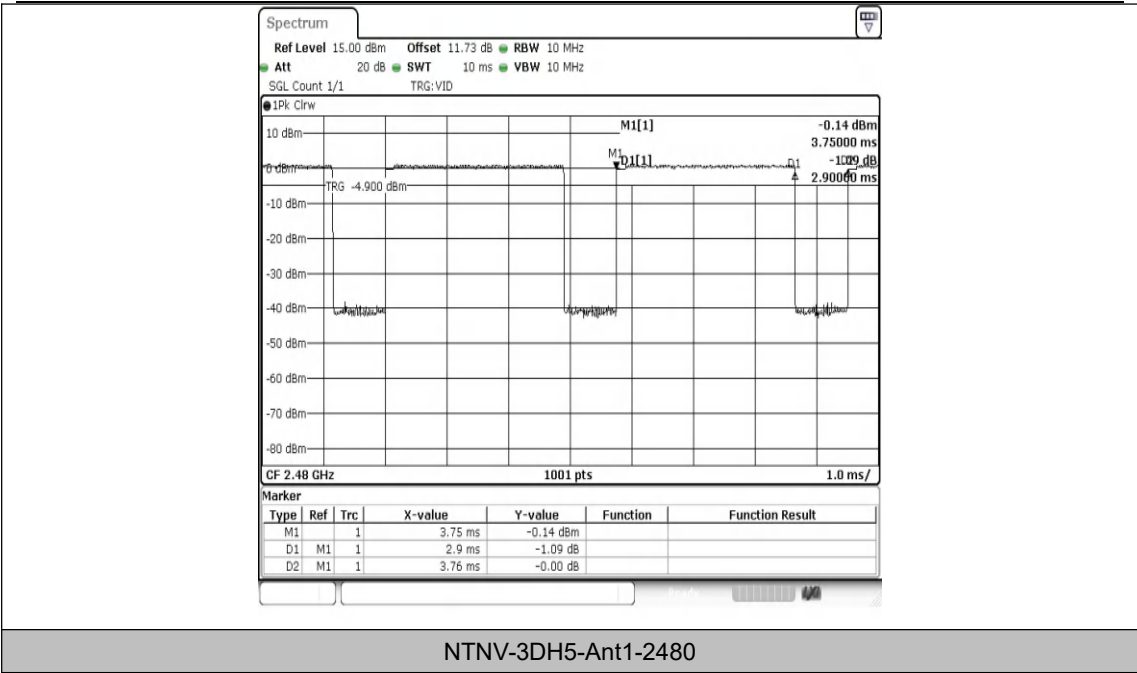
Test Graphs











---End---