

Appendix Test Data

Report No.:	1819C40089712501	Test Sample No.:	1-2-2
Start Test Date:	2024.11.27	Finish Test Date:	2024.11.29
Test Engineer:	<i>Joker Huang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	22.8°C	Relative Humidity:	50%
Pressure:	101kPa		

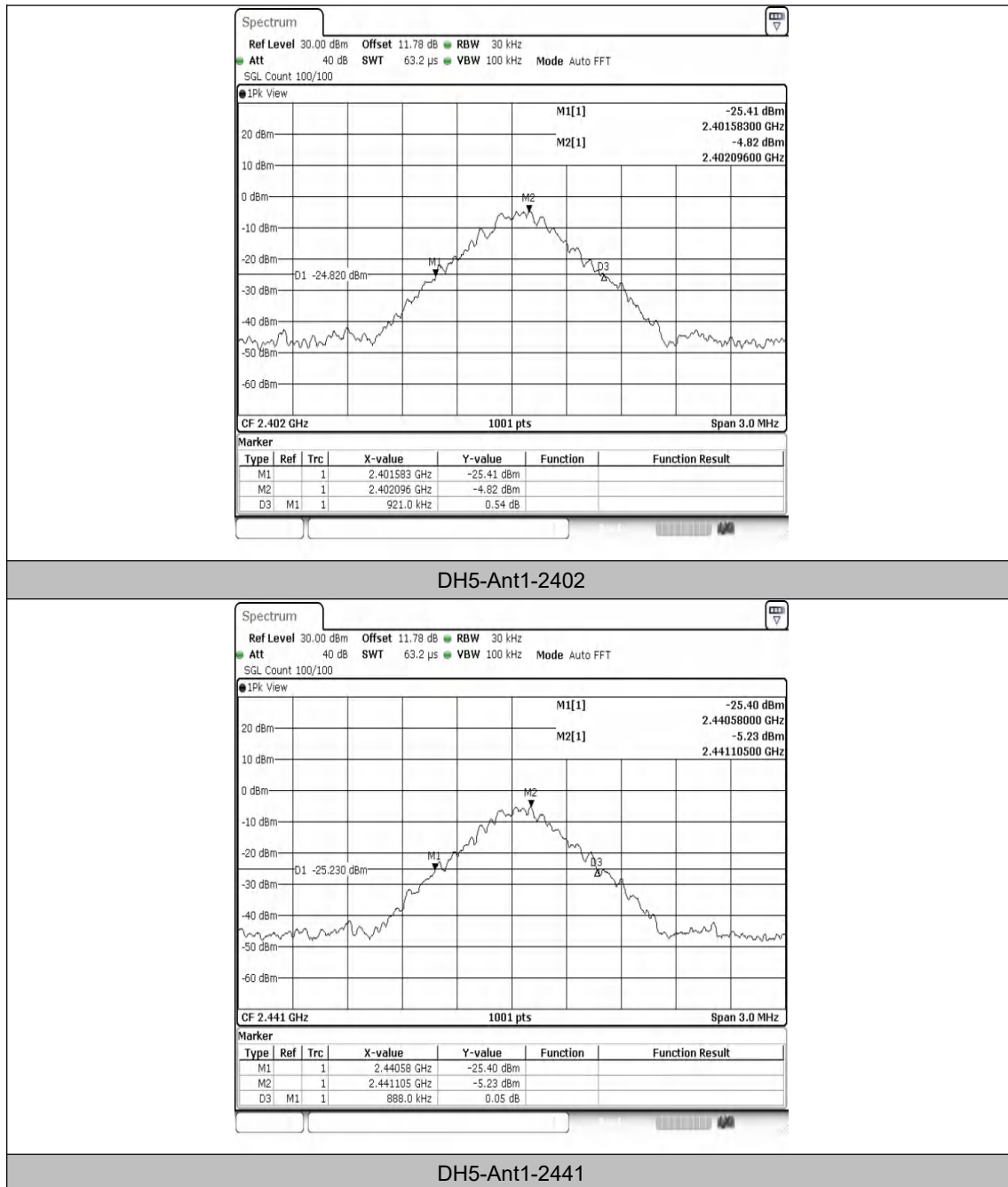
Appendix A: 20dB Bandwidth

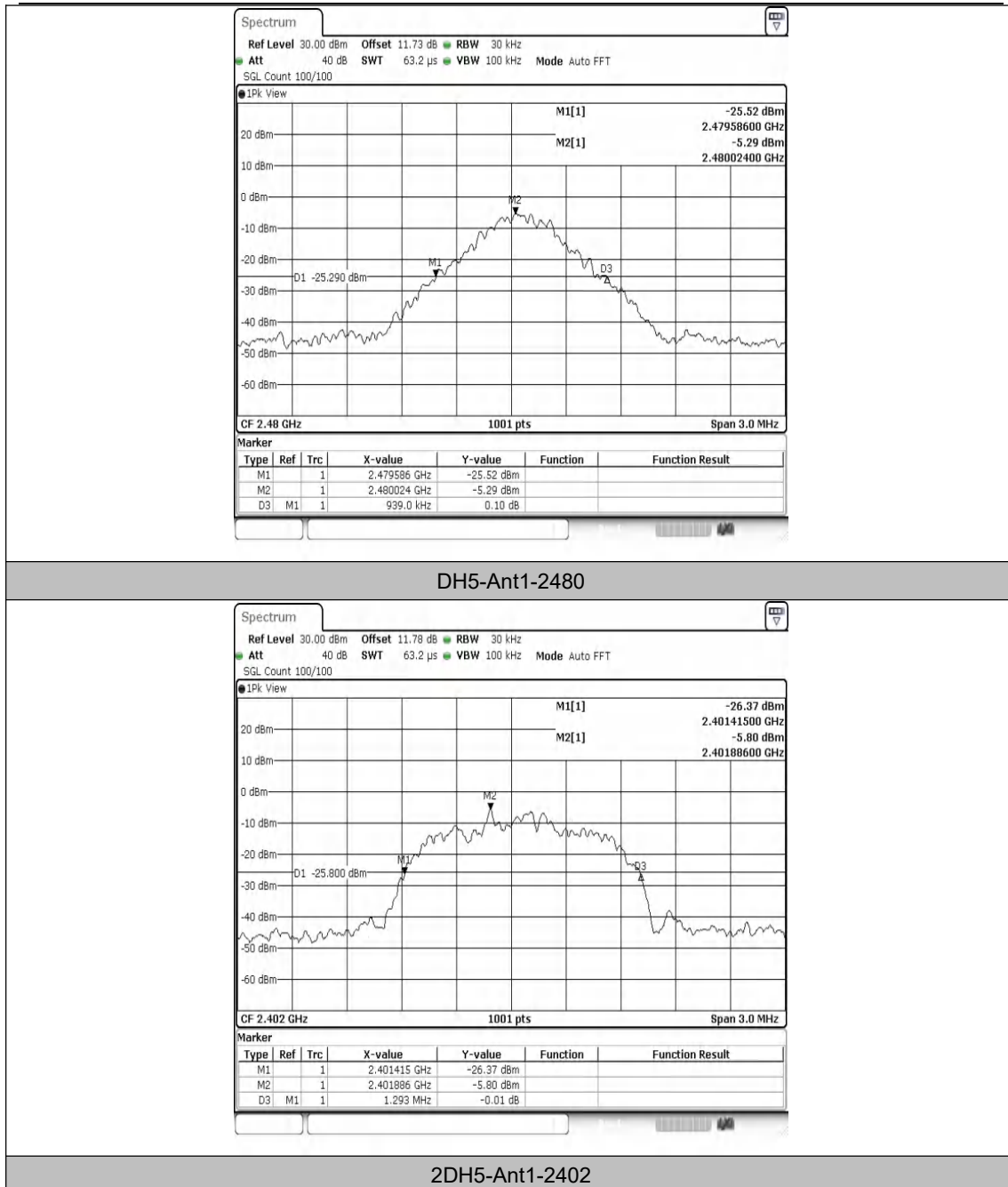
Test Result

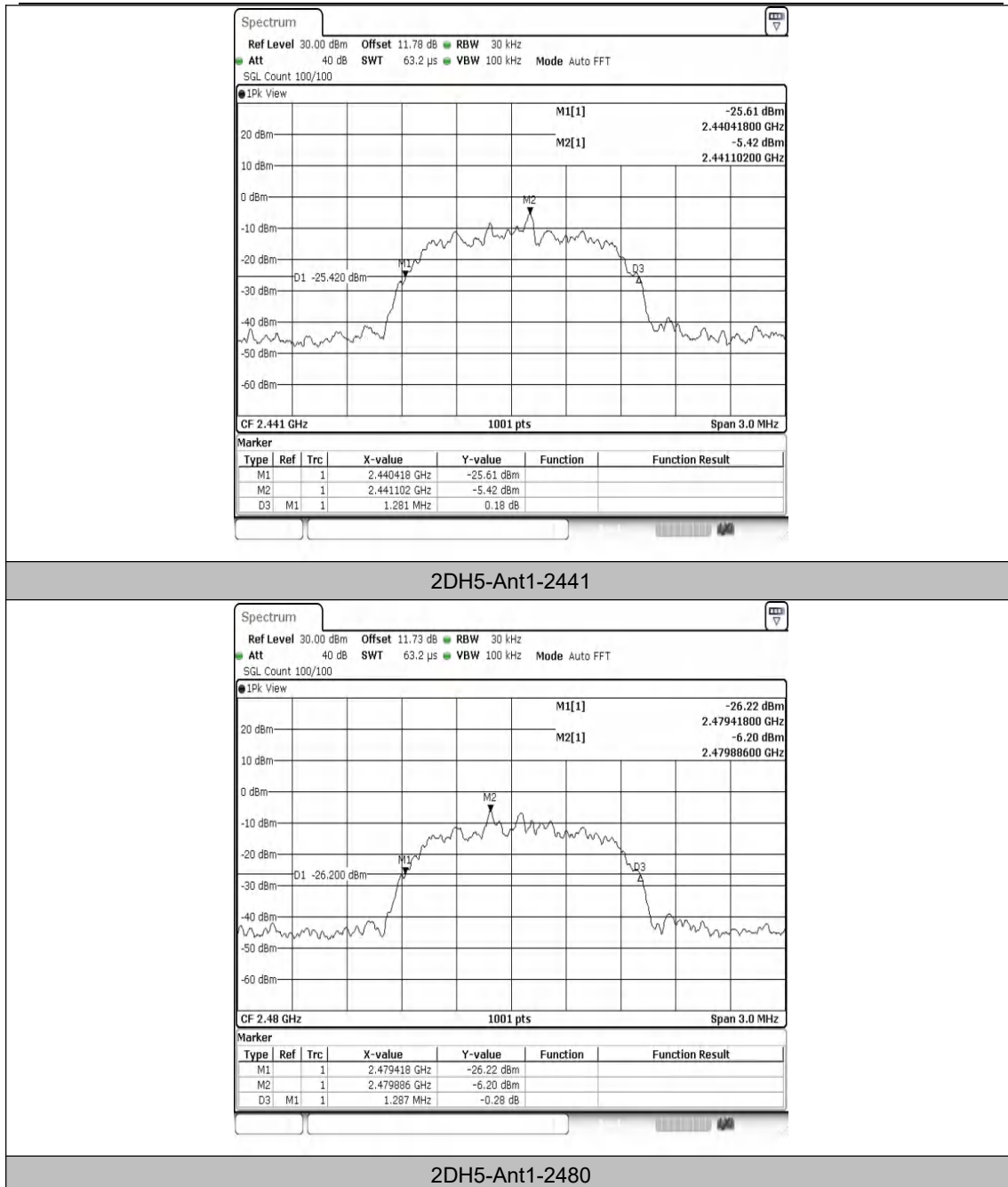
Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.92	2401.58	2402.50	---	---
DH5	Ant1	2441	0.89	2440.58	2441.47	---	---
DH5	Ant1	2480	0.94	2479.59	2480.53	---	---
2DH5	Ant1	2402	1.29	2401.42	2402.71	---	---
2DH5	Ant1	2441	1.28	2440.42	2441.70	---	---
2DH5	Ant1	2480	1.29	2479.42	2480.71	---	---
3DH5	Ant1	2402	1.28	2401.41	2402.68	---	---
3DH5	Ant1	2441	1.30	2440.39	2441.70	---	---
3DH5	Ant1	2480	1.29	2479.39	2480.68	---	---

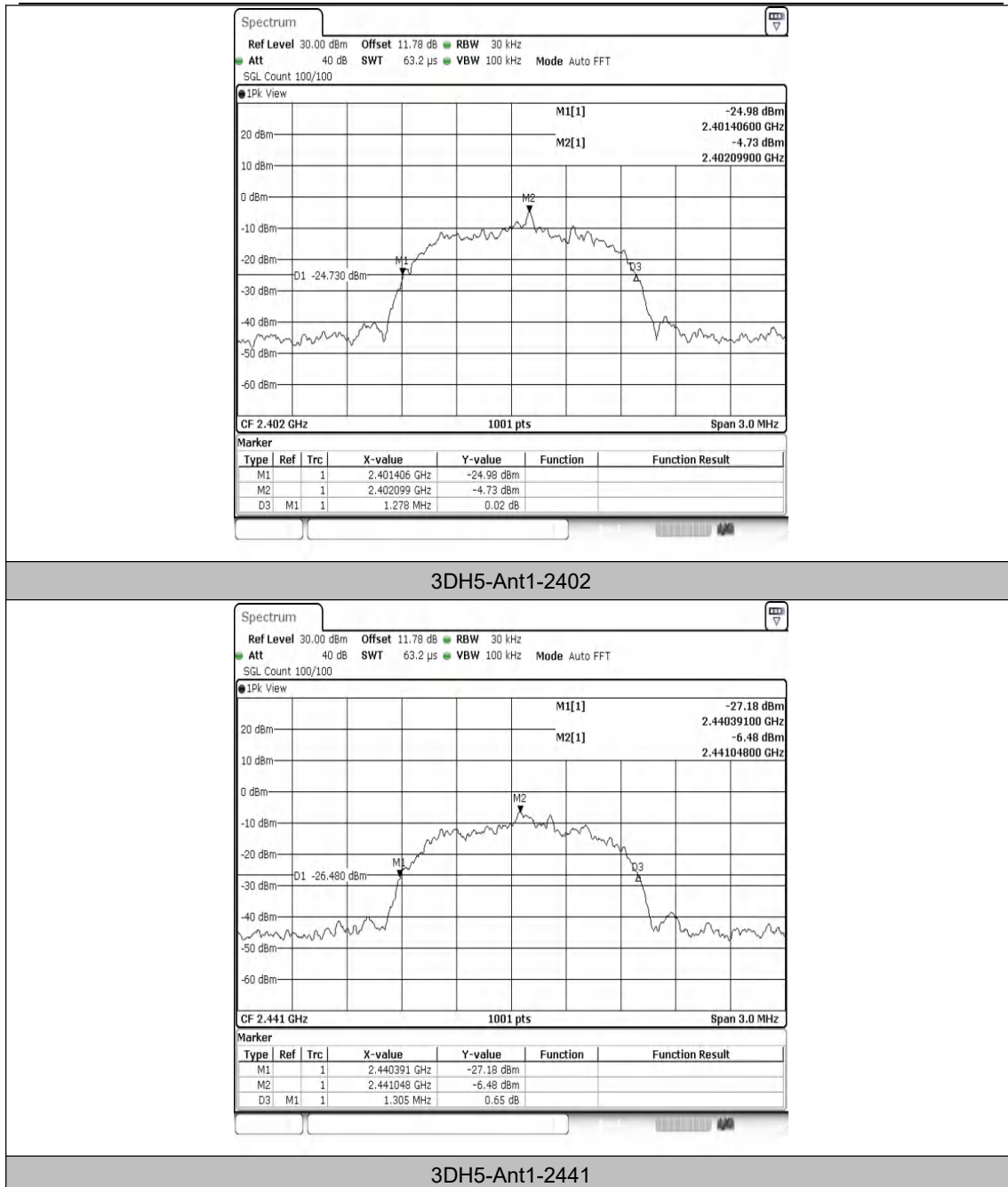


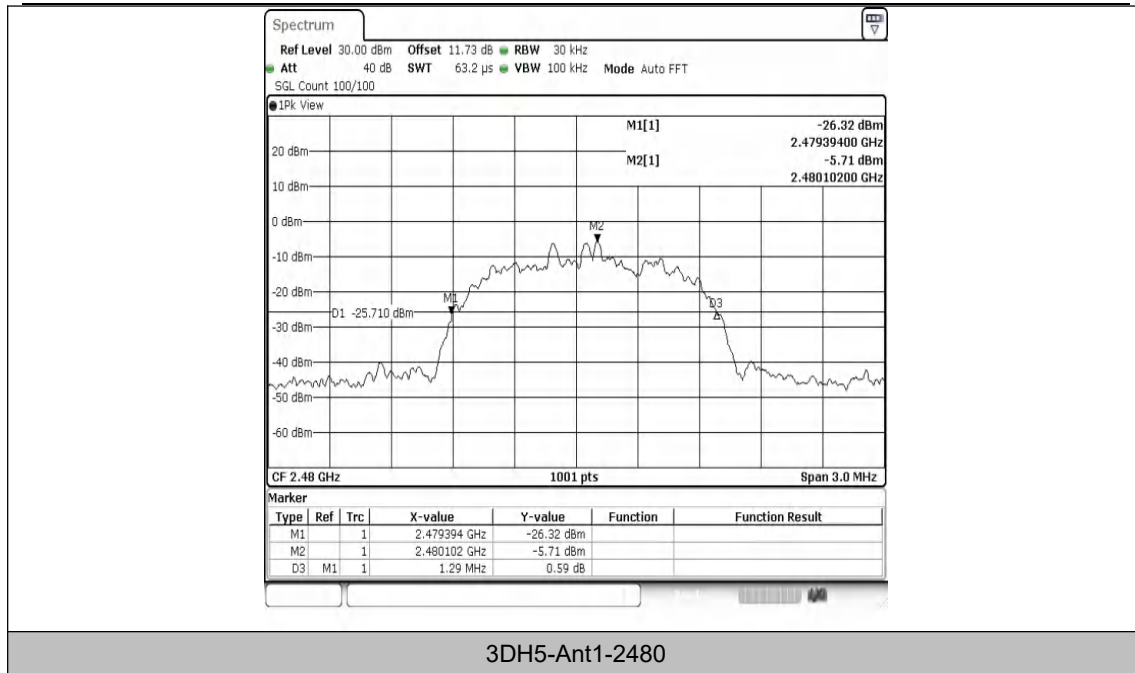
Test Graphs











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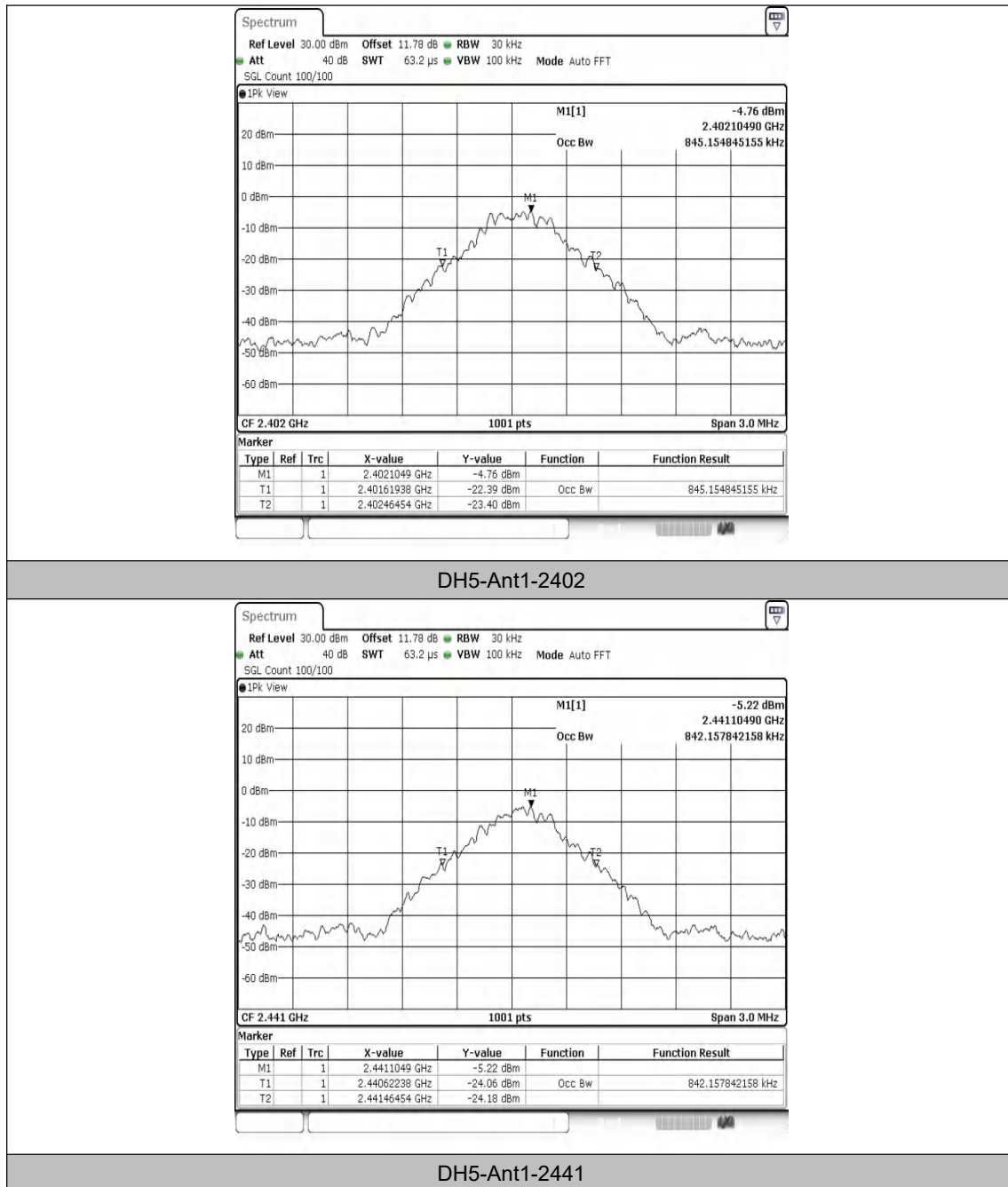
Appendix B: 99% Occupied Bandwidth

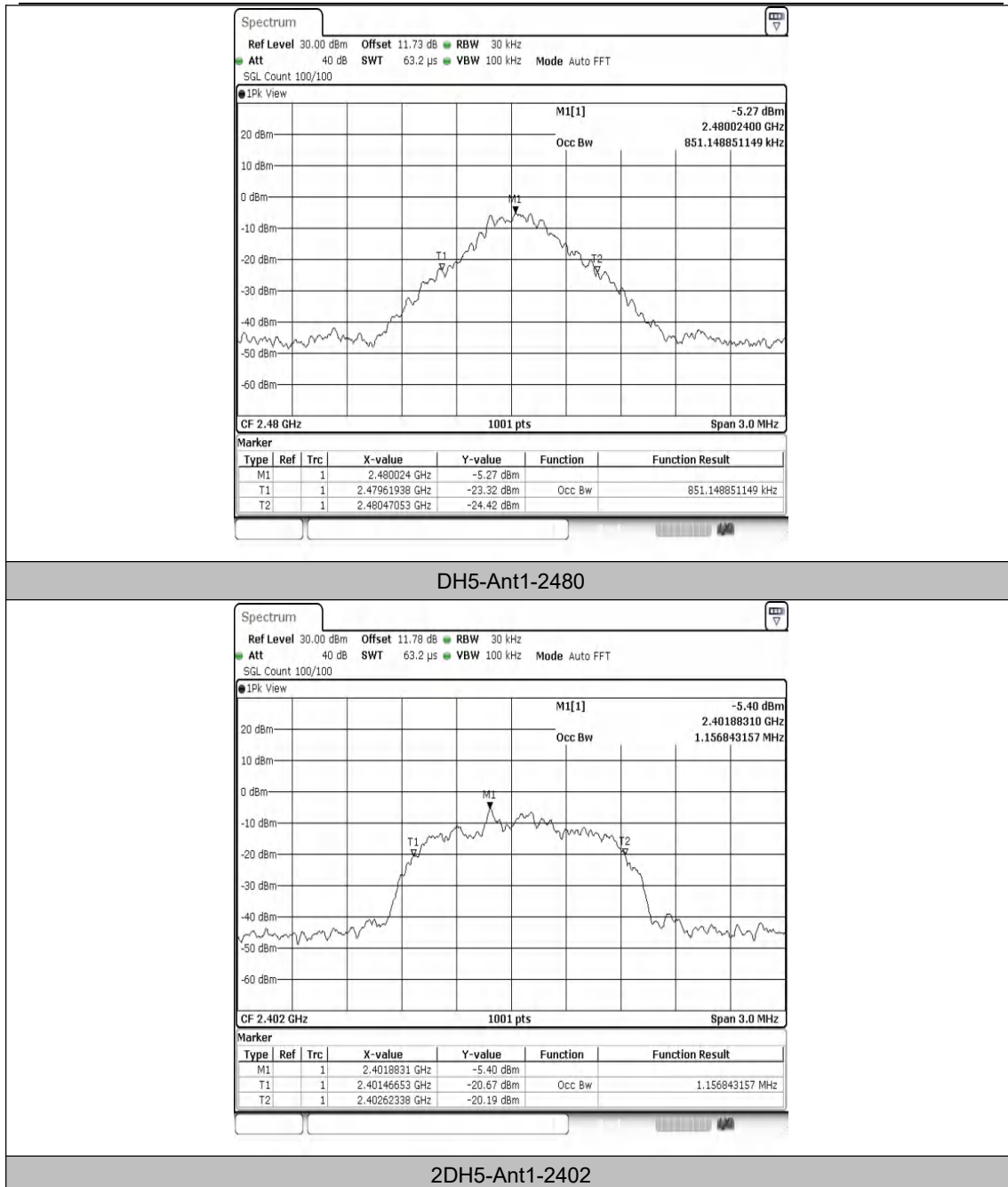
Test Result

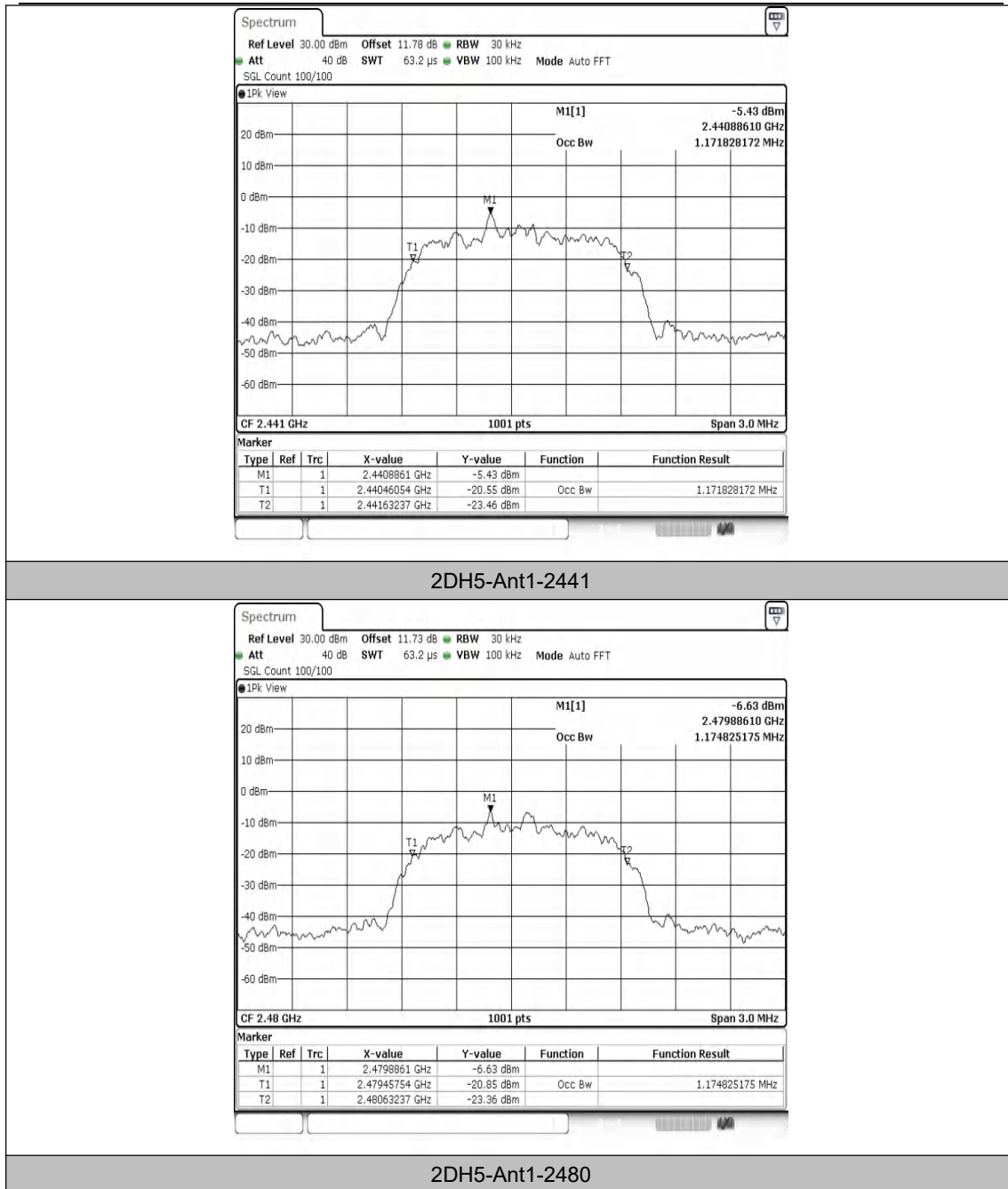
Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.845	2401.6194	2402.4645	---	---
DH5	Ant1	2441	0.842	2440.6224	2441.4645	---	---
DH5	Ant1	2480	0.851	2479.6194	2480.4705	---	---
2DH5	Ant1	2402	1.157	2401.4665	2402.6234	---	---
2DH5	Ant1	2441	1.172	2440.4605	2441.6324	---	---
2DH5	Ant1	2480	1.175	2479.4575	2480.6324	---	---
3DH5	Ant1	2402	1.187	2401.4575	2402.6444	---	---
3DH5	Ant1	2441	1.169	2440.4605	2441.6294	---	---
3DH5	Ant1	2480	1.181	2479.4605	2480.6414	---	---

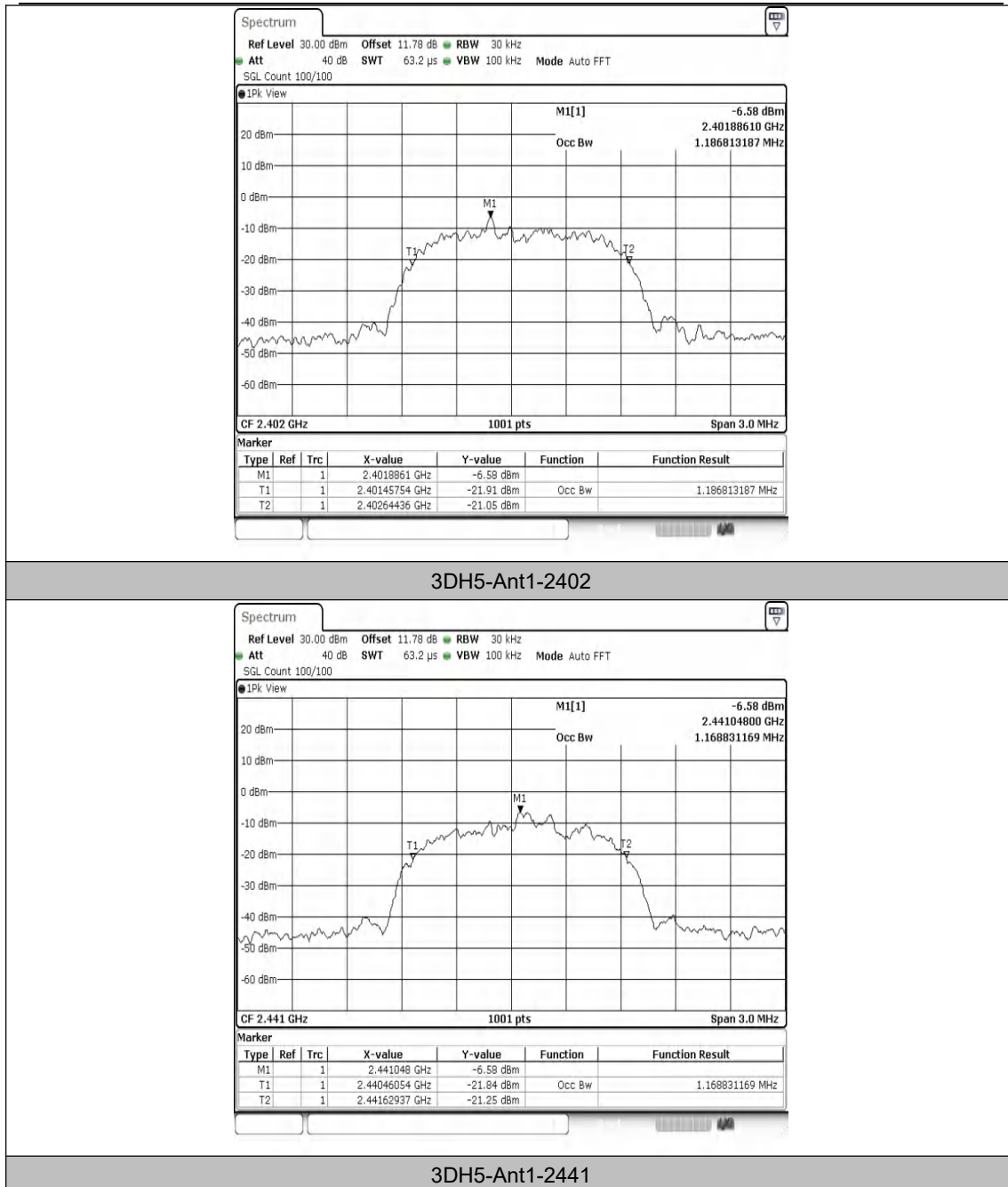


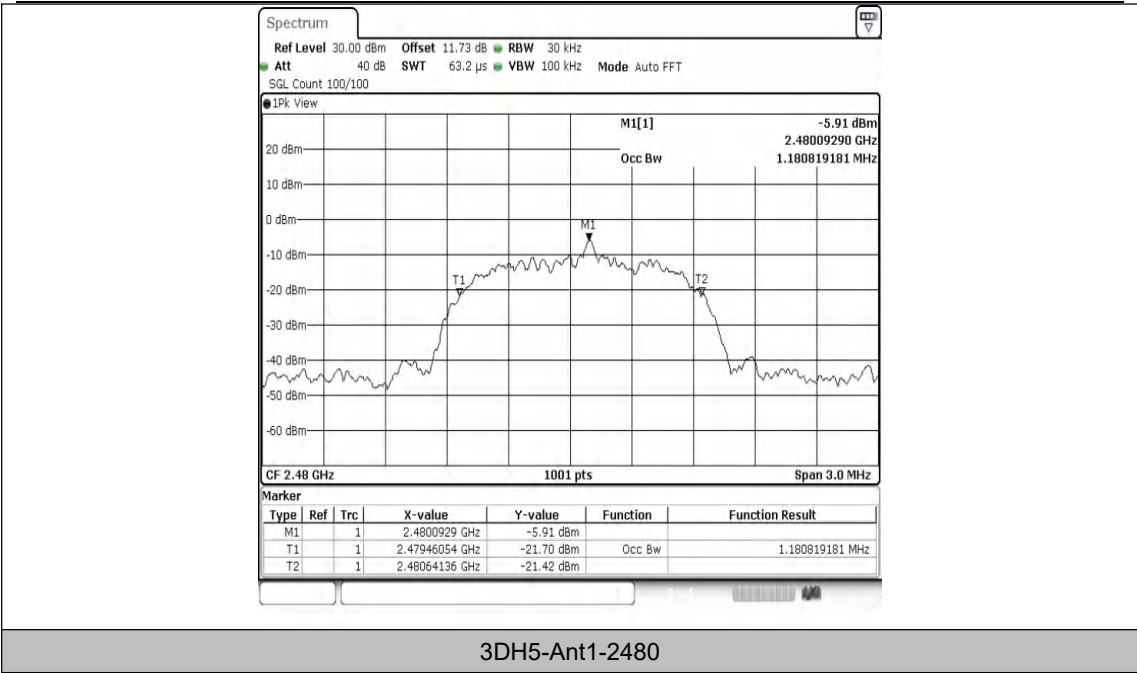
Test Graphs











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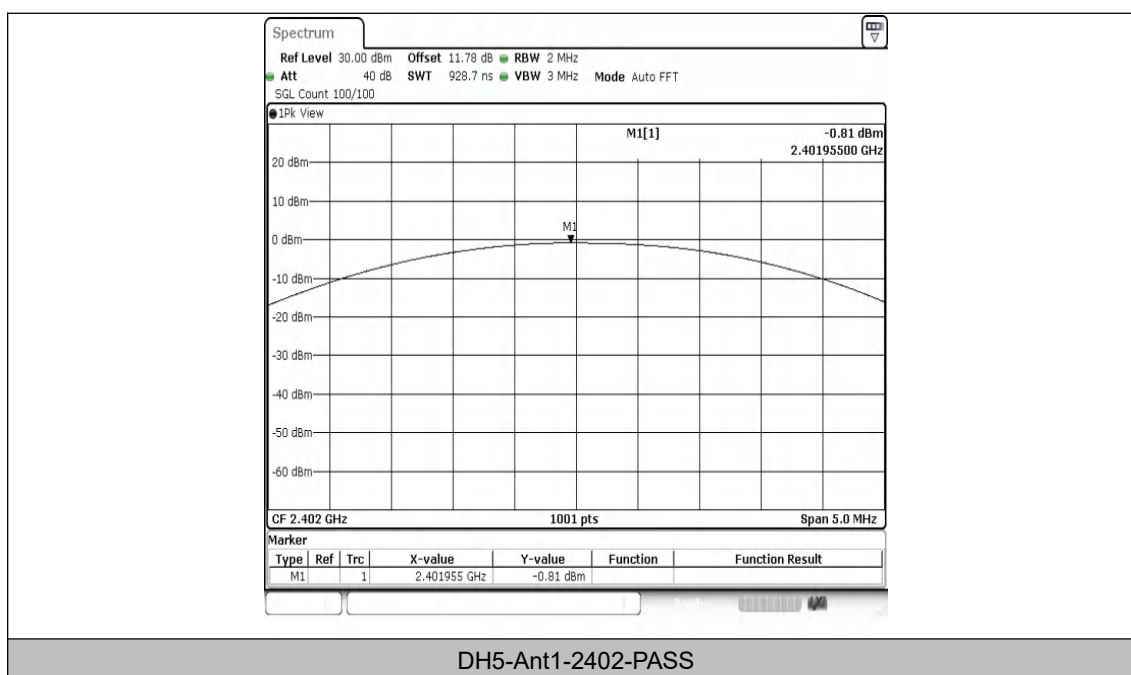


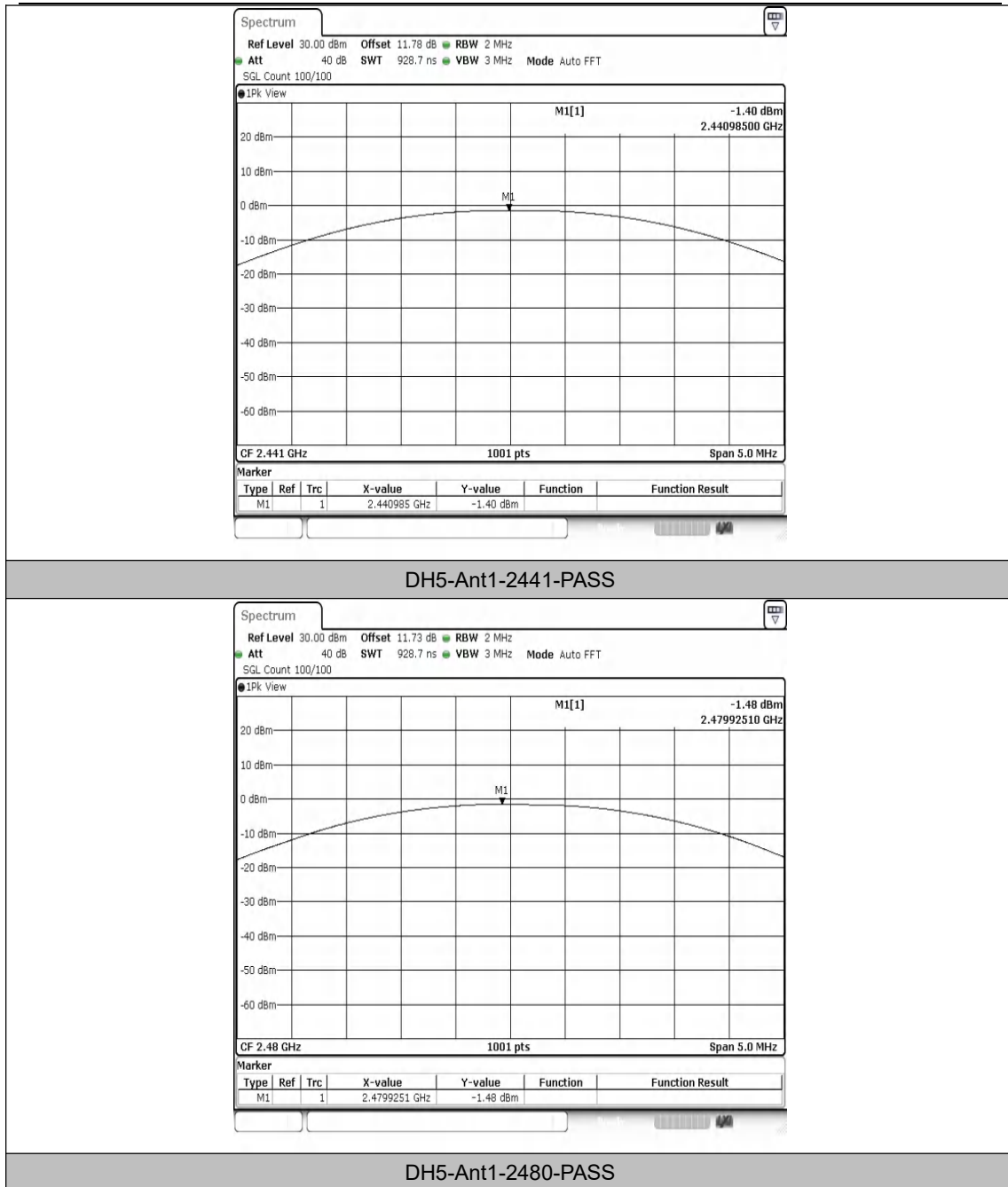
Appendix C: Maximum Conducted Output Power

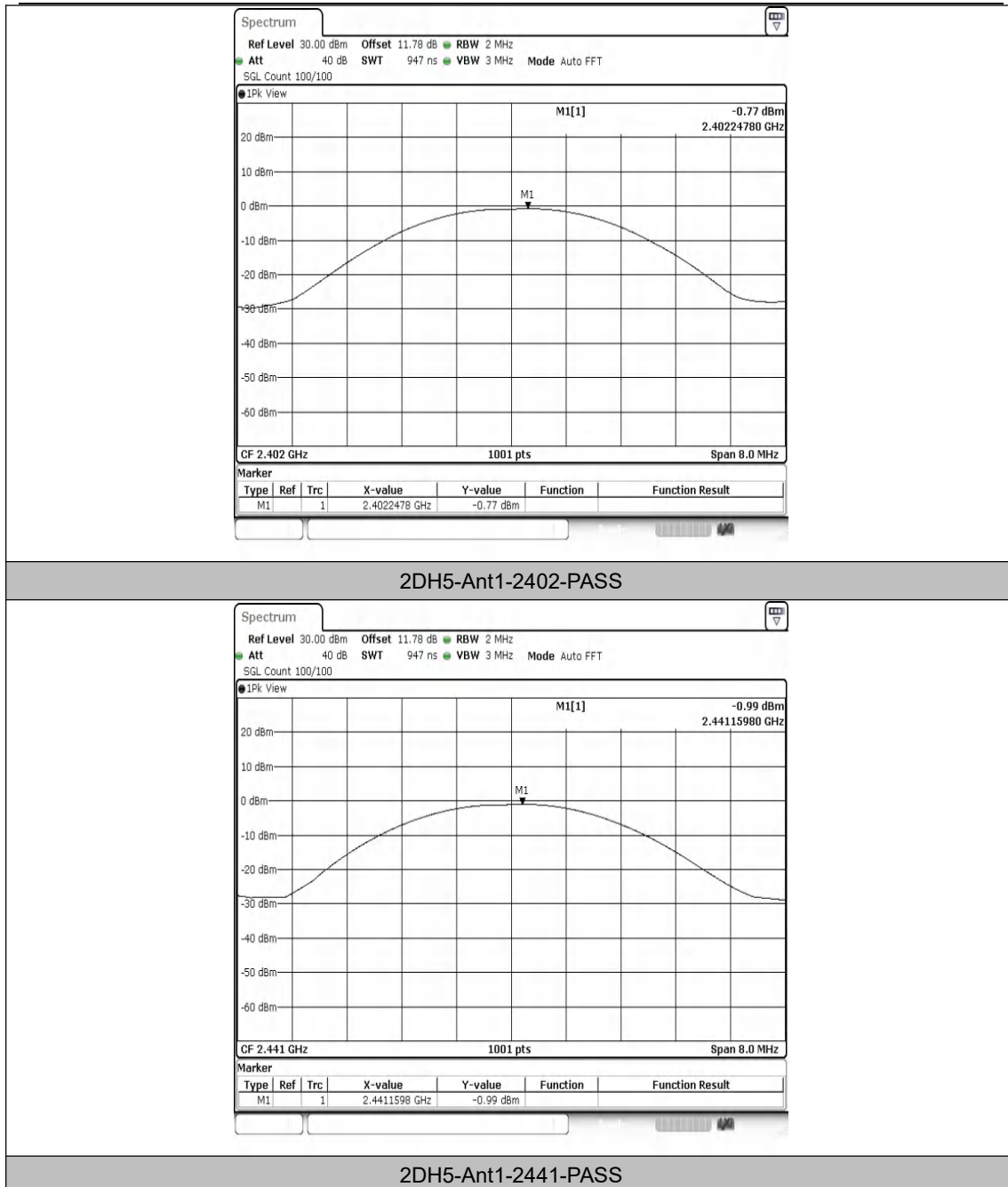
Test Result Peak

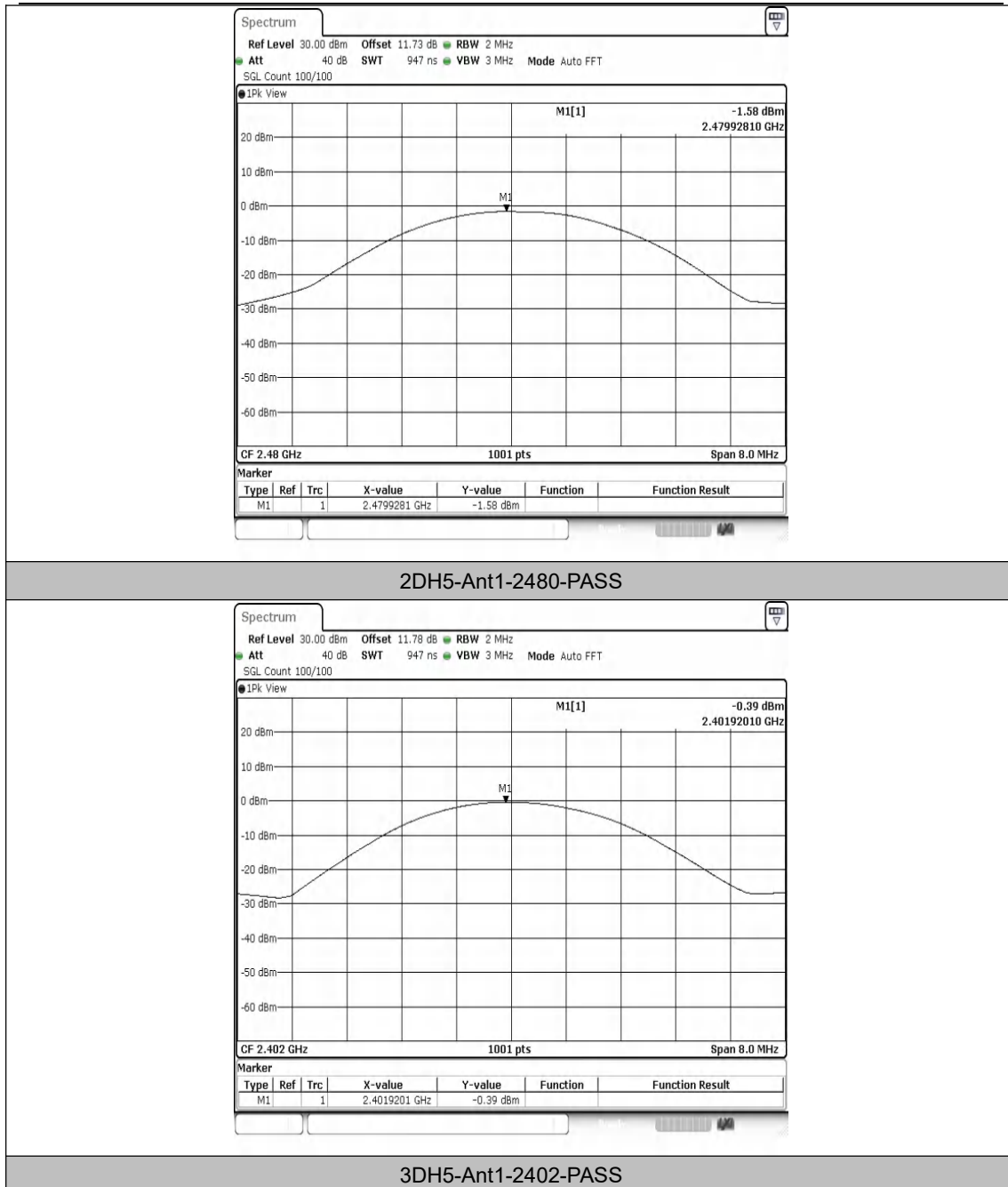
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-0.81	≤20.97	PASS
DH5	Ant1	2441	-1.40	≤20.97	PASS
DH5	Ant1	2480	-1.48	≤20.97	PASS
2DH5	Ant1	2402	-0.77	≤20.97	PASS
2DH5	Ant1	2441	-0.99	≤20.97	PASS
2DH5	Ant1	2480	-1.58	≤20.97	PASS
3DH5	Ant1	2402	-0.39	≤20.97	PASS
3DH5	Ant1	2441	-1.22	≤20.97	PASS
3DH5	Ant1	2480	-0.91	≤20.97	PASS

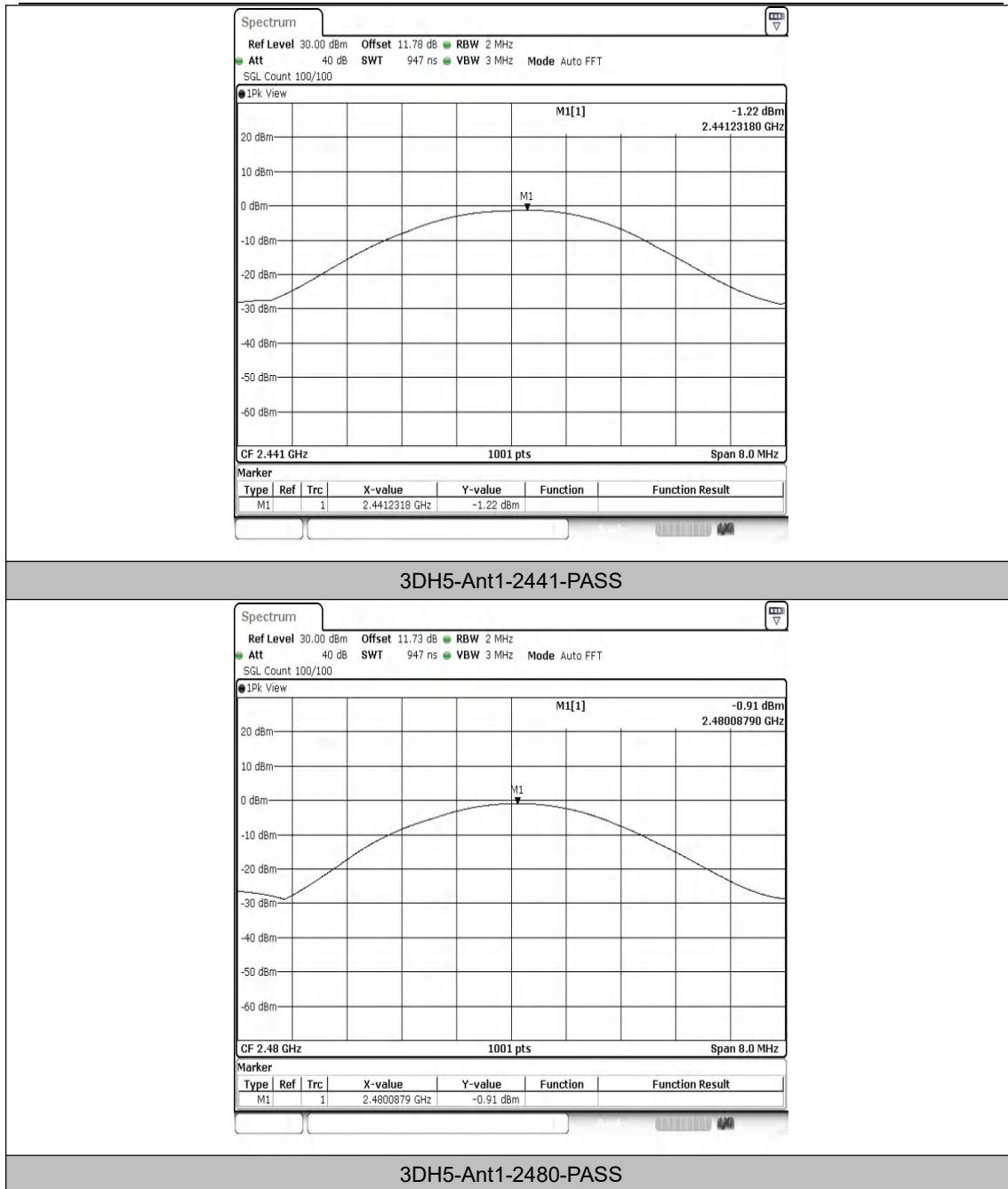
Test Graphs











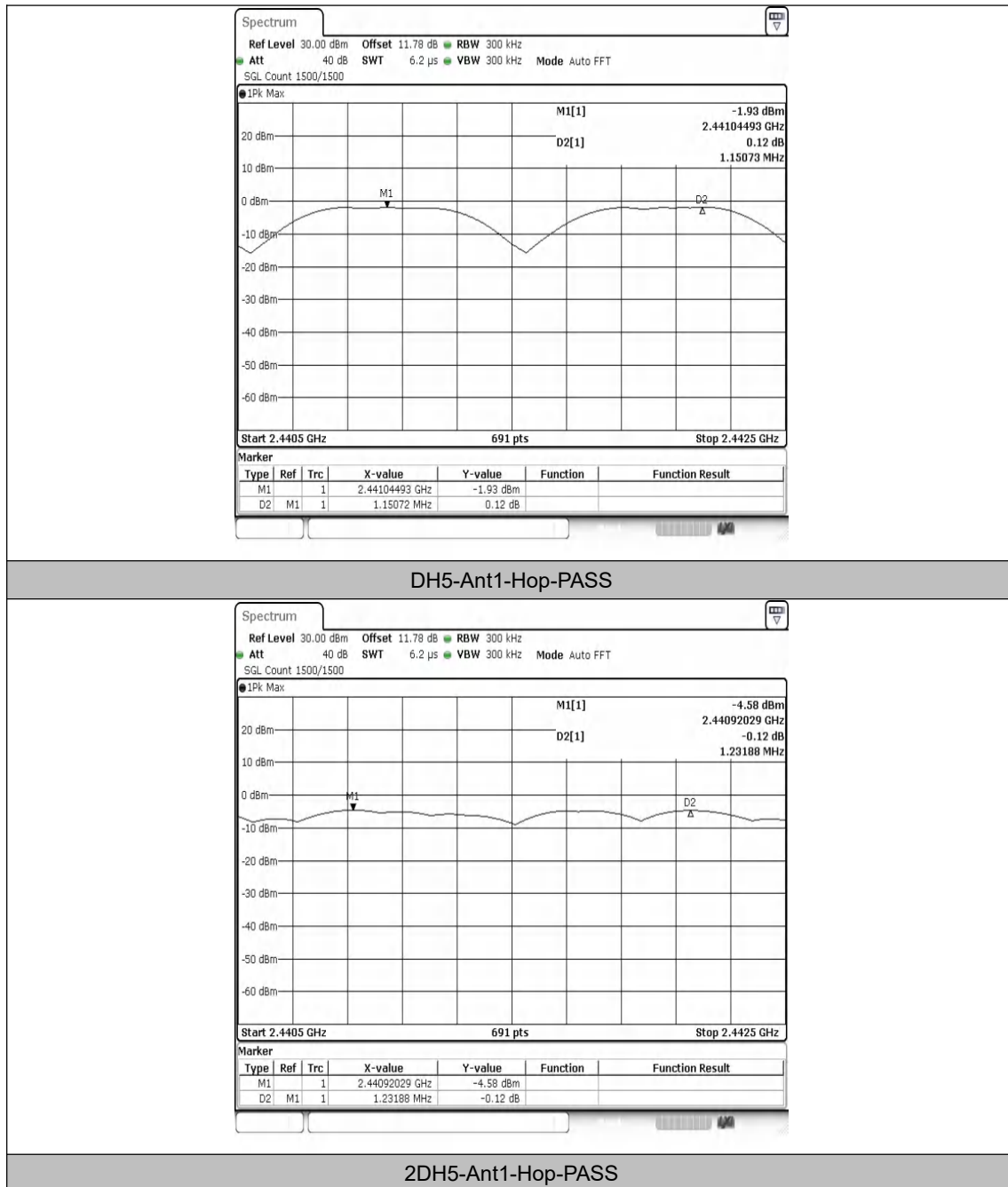
Appendix D: Carrier frequency separation

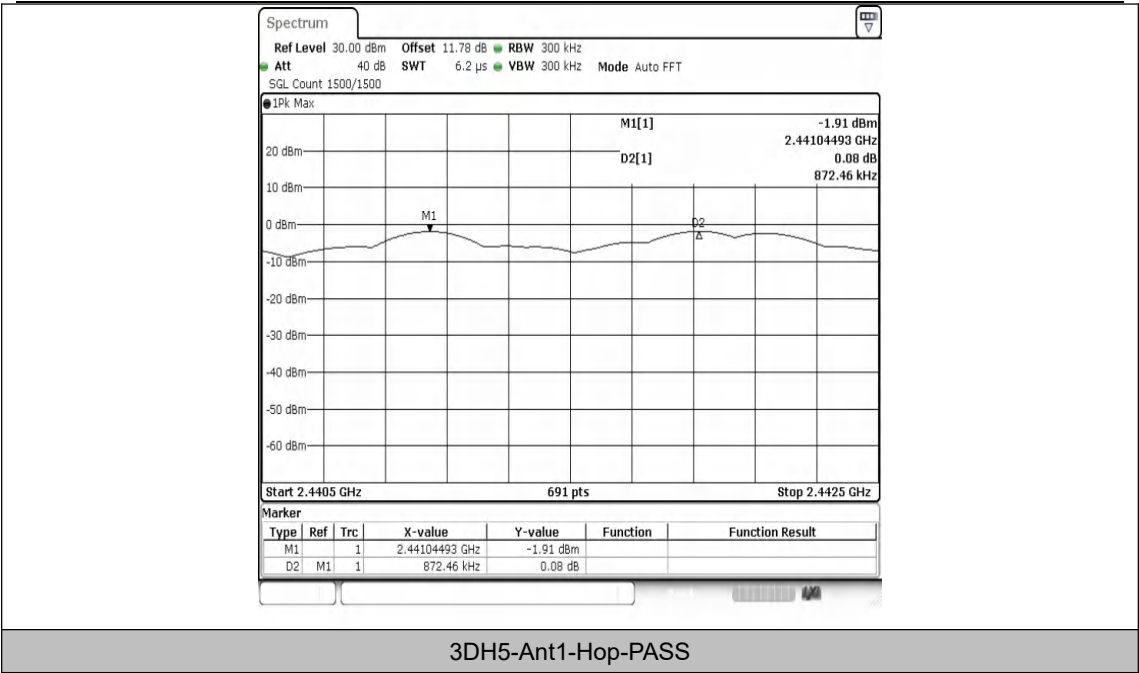
Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.151	≥0.627	PASS
2DH5	Ant1	Hop	1.232	≥0.860	PASS
3DH5	Ant1	Hop	0.872	≥0.867	PASS



Test Graphs





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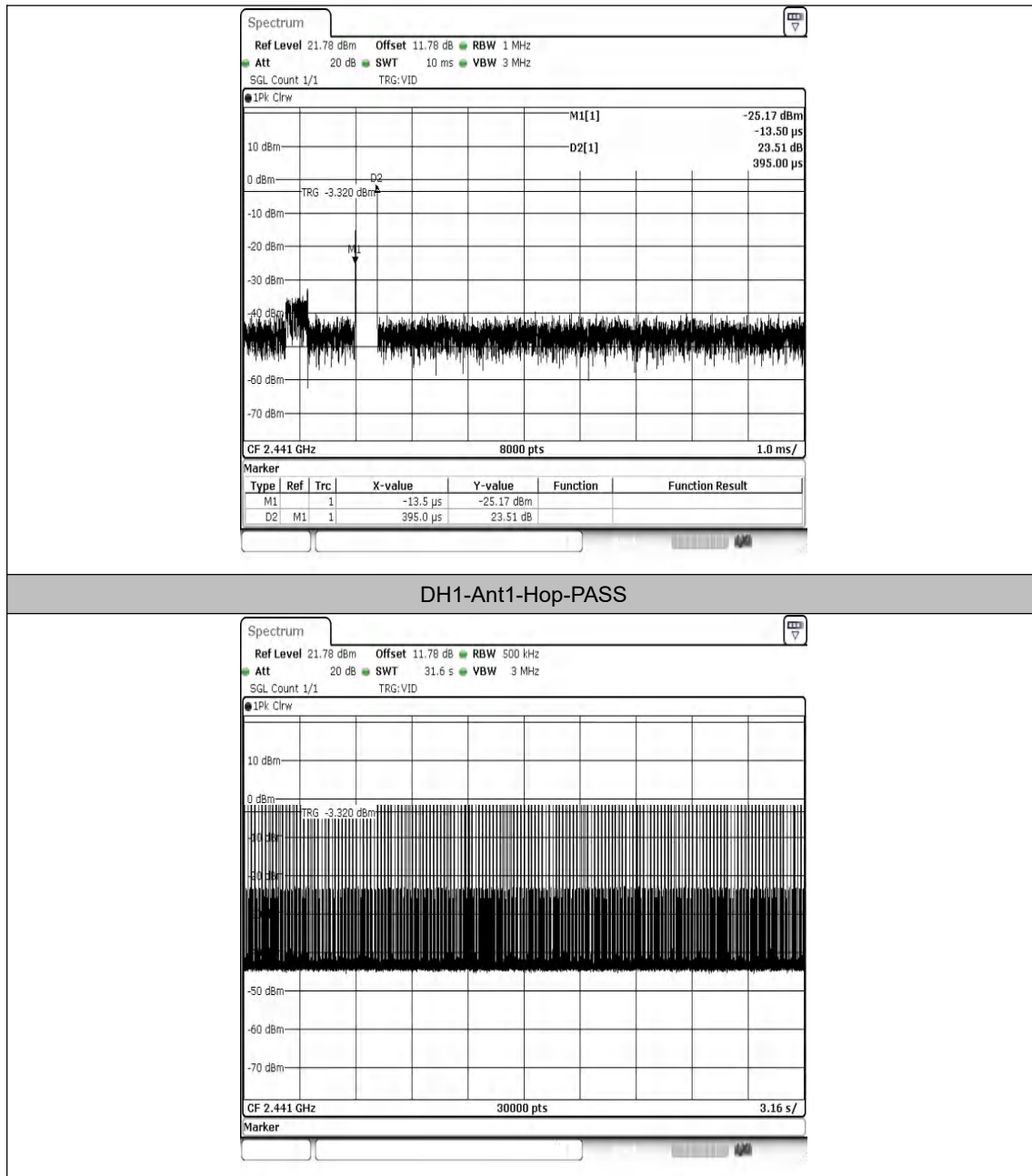
Appendix E: Dwell Time

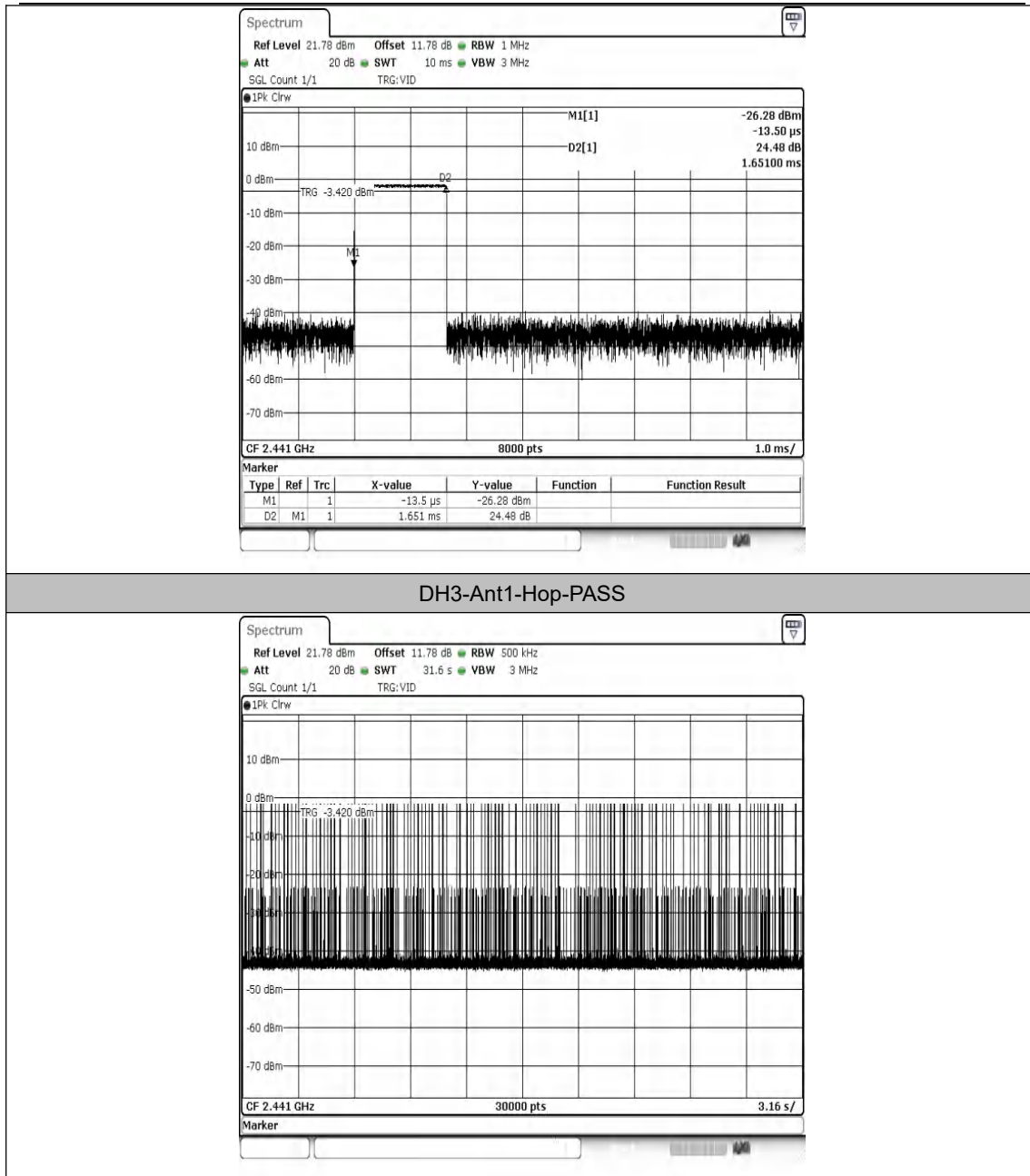
Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH1	Ant1	Hop	0.395	319	0.126	≤0.4	PASS
DH3	Ant1	Hop	1.651	158	0.261	≤0.4	PASS
DH5	Ant1	Hop	2.900	120	0.348	≤0.4	PASS
2DH1	Ant1	Hop	0.405	318	0.129	≤0.4	PASS
2DH3	Ant1	Hop	1.656	160	0.265	≤0.4	PASS
2DH5	Ant1	Hop	2.905	117	0.340	≤0.4	PASS
3DH1	Ant1	Hop	0.406	319	0.130	≤0.4	PASS
3DH3	Ant1	Hop	1.658	161	0.267	≤0.4	PASS
3DH5	Ant1	Hop	2.908	111	0.323	≤0.4	PASS



Test Graphs



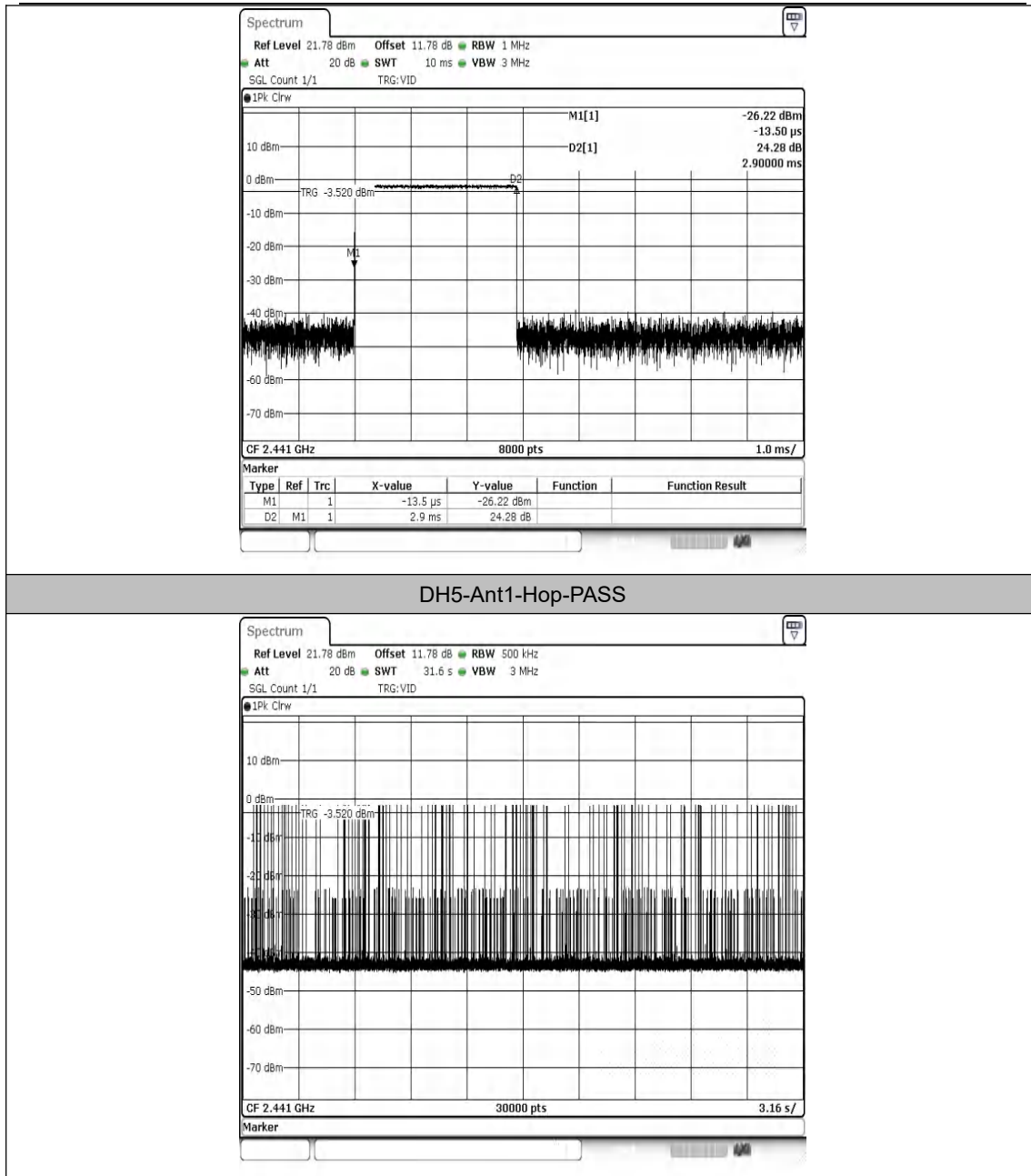


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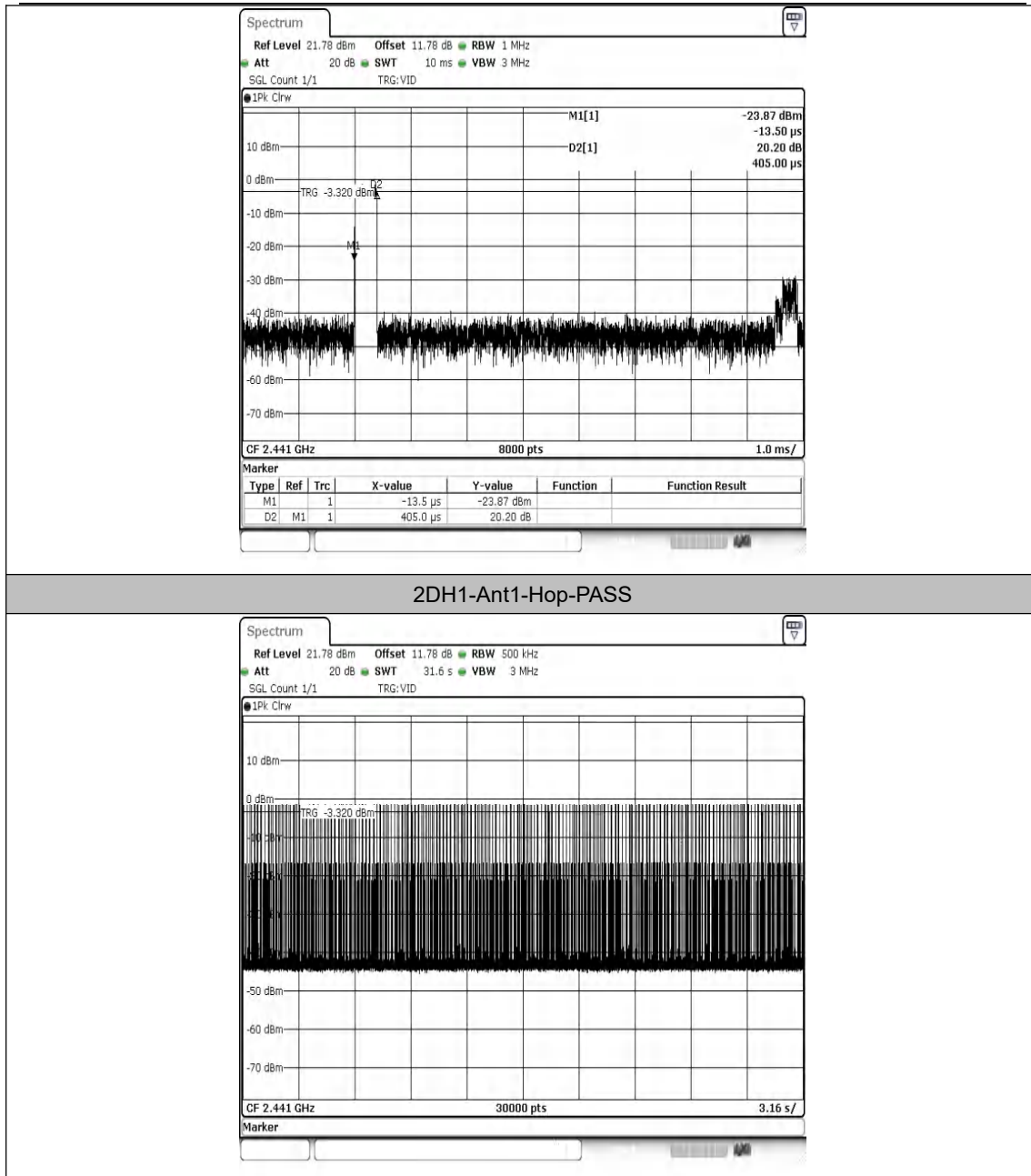


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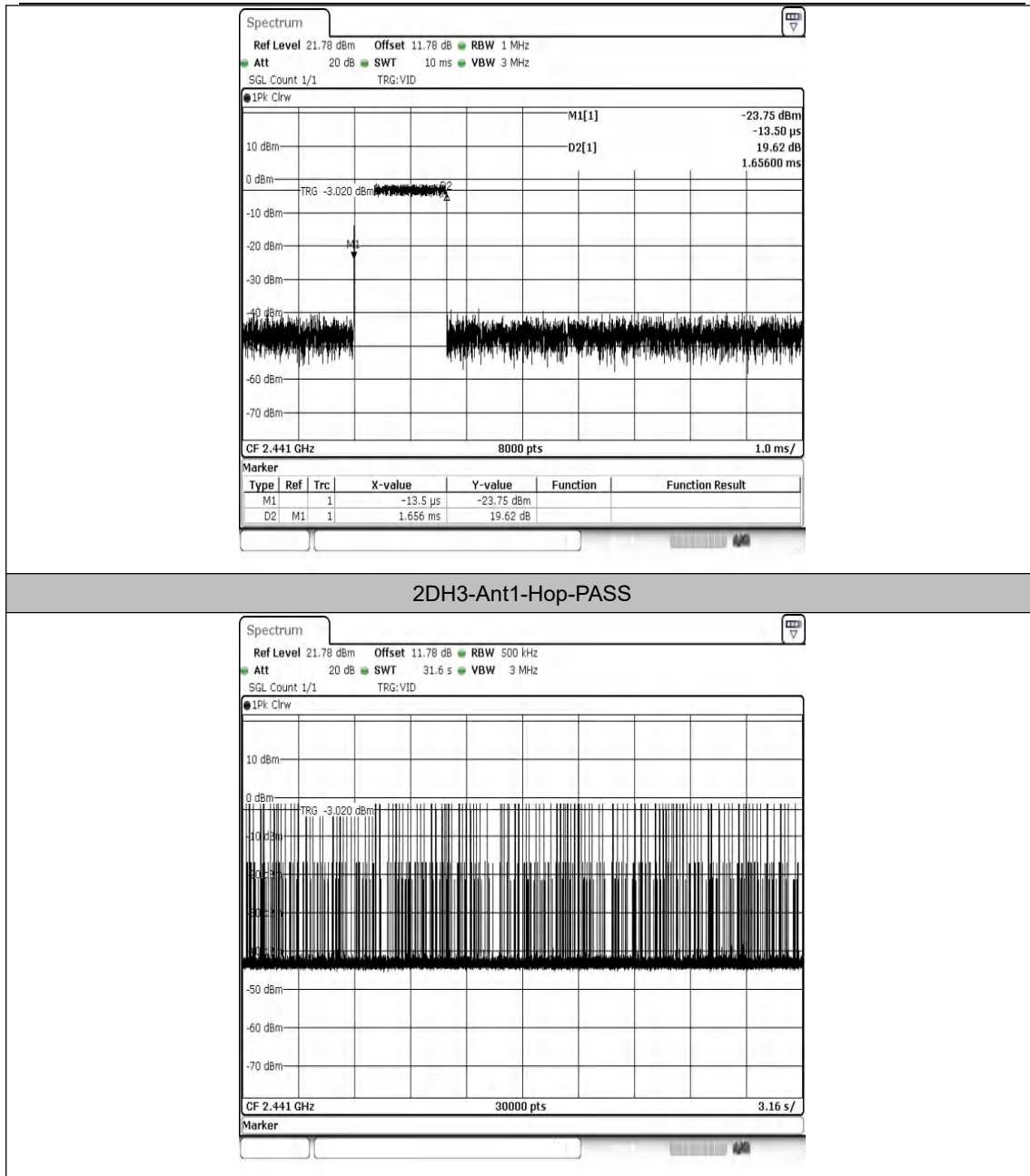


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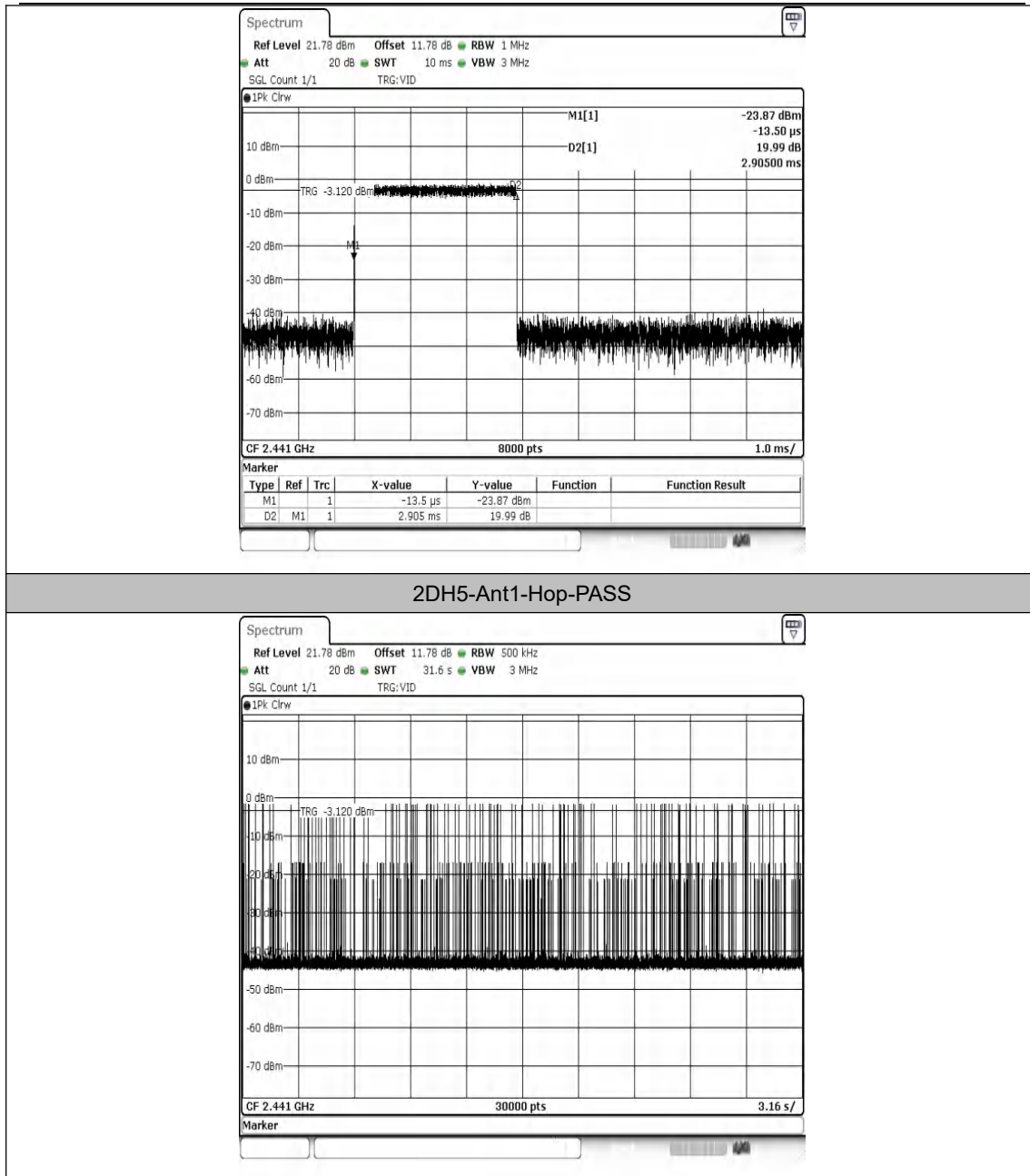


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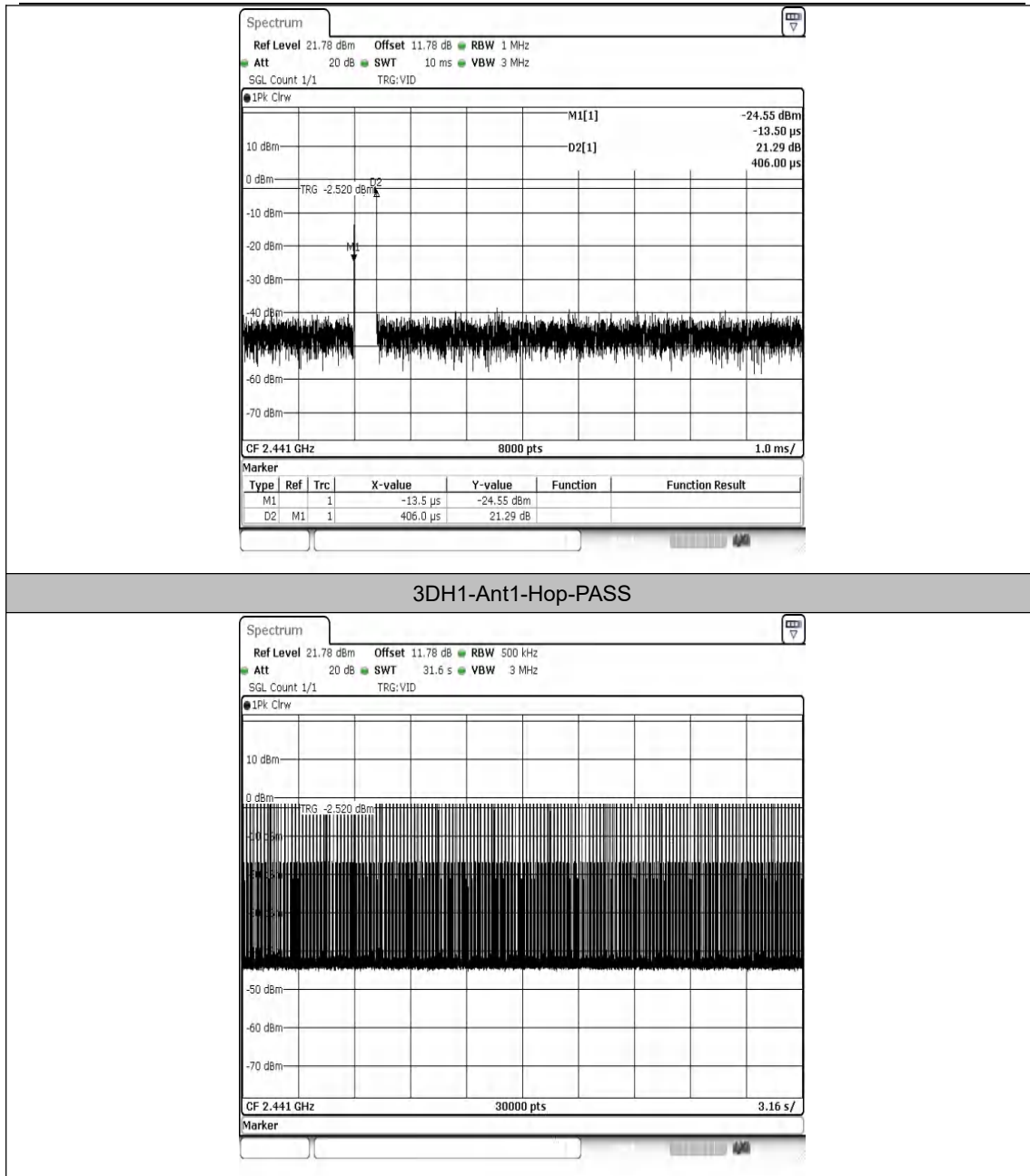
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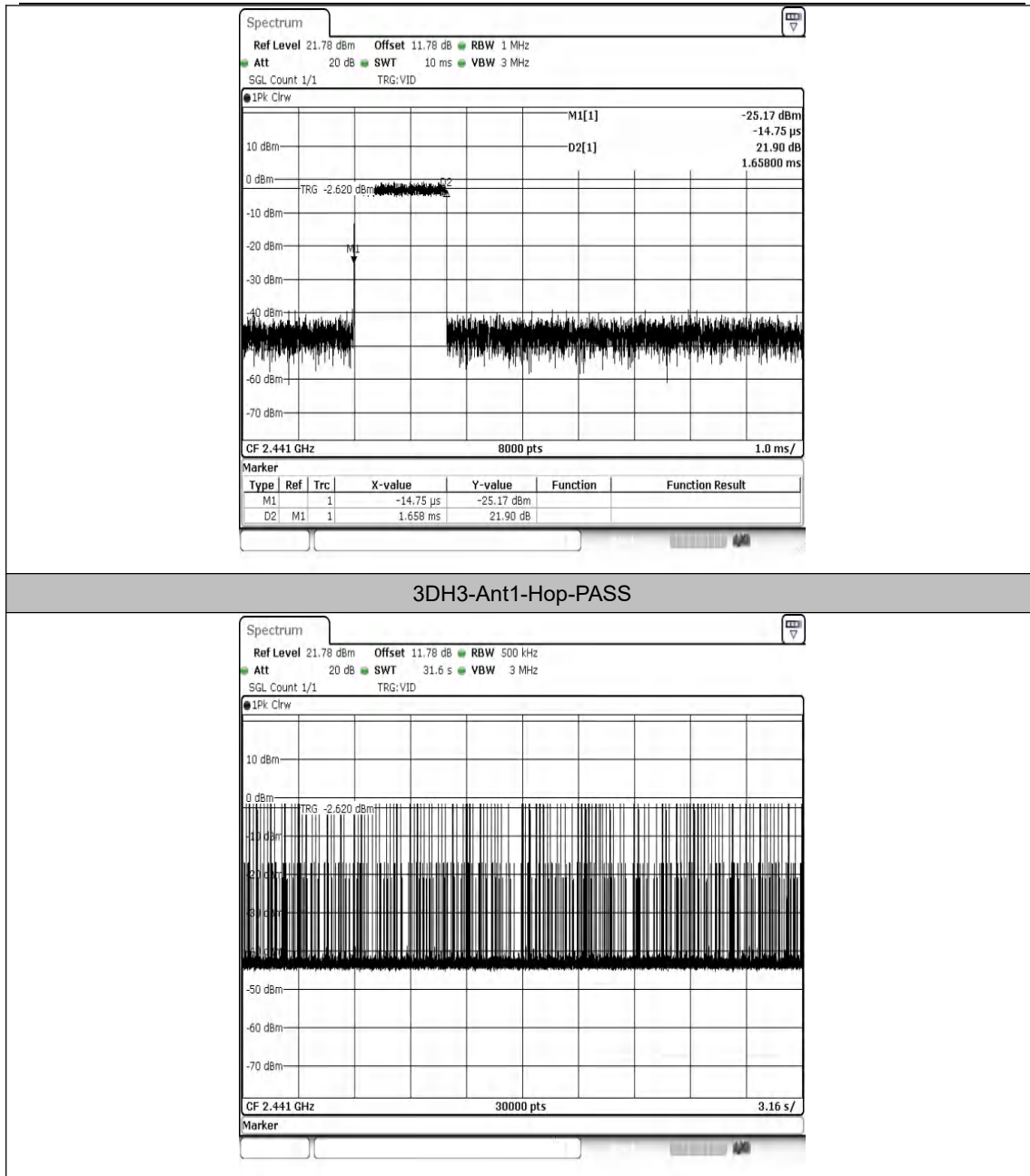
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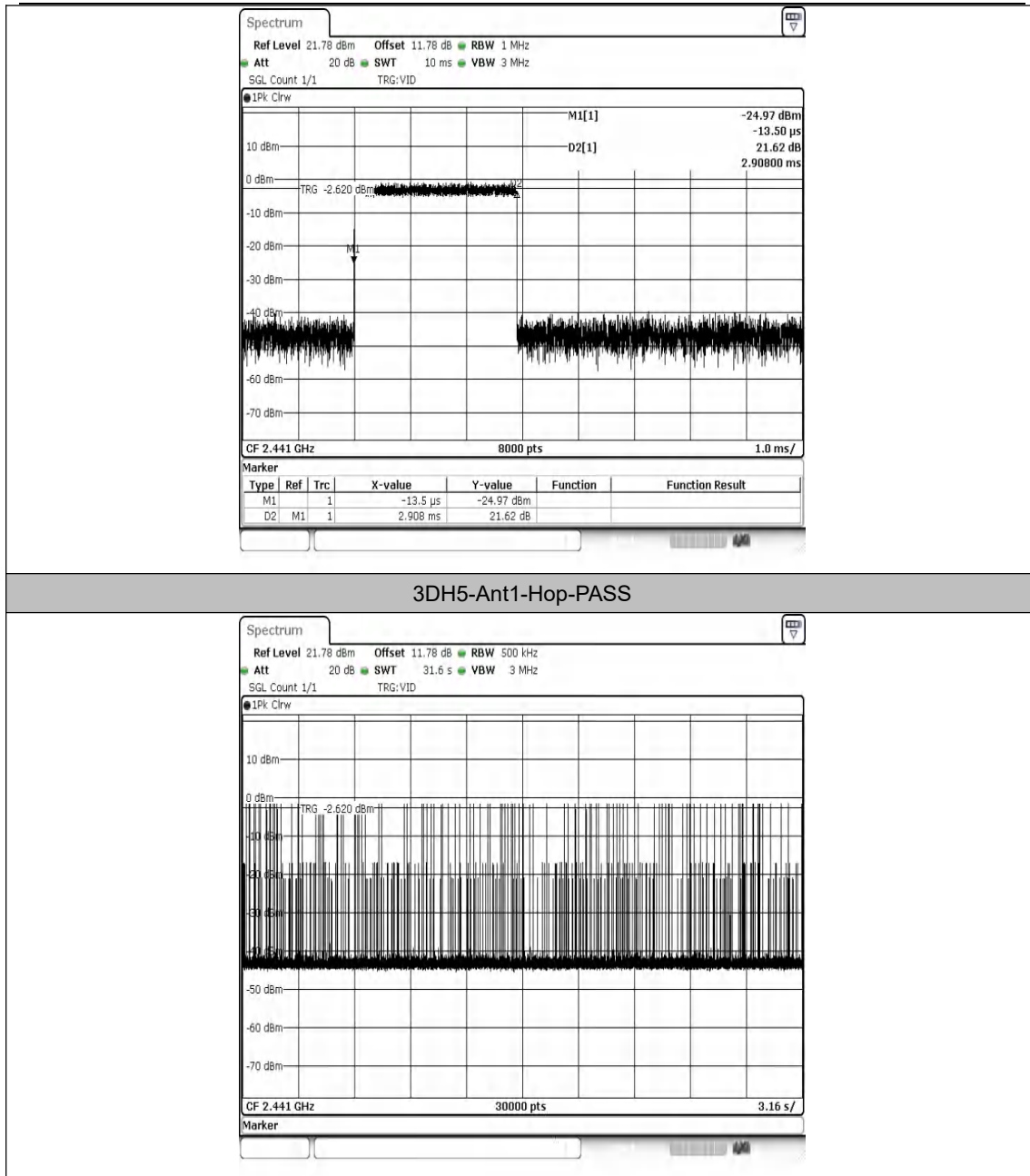
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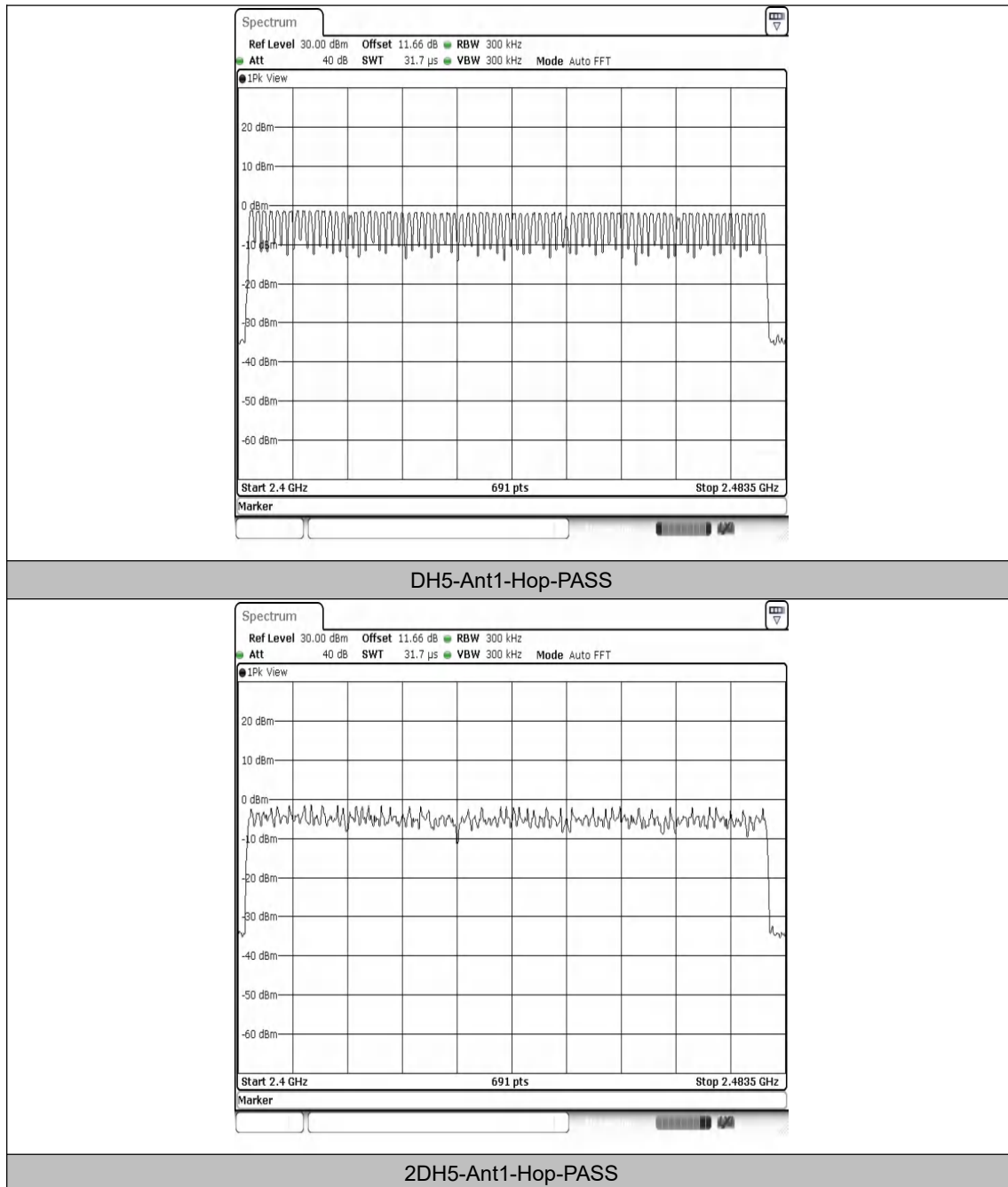
Appendix F: Number of Hopping Channel

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

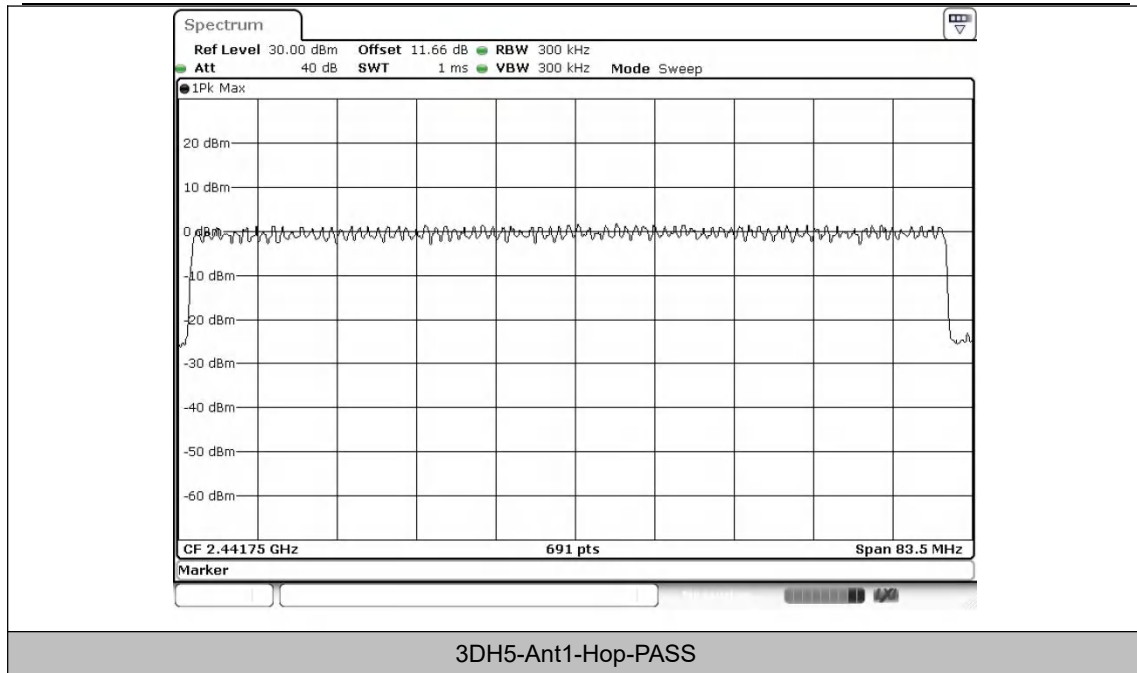


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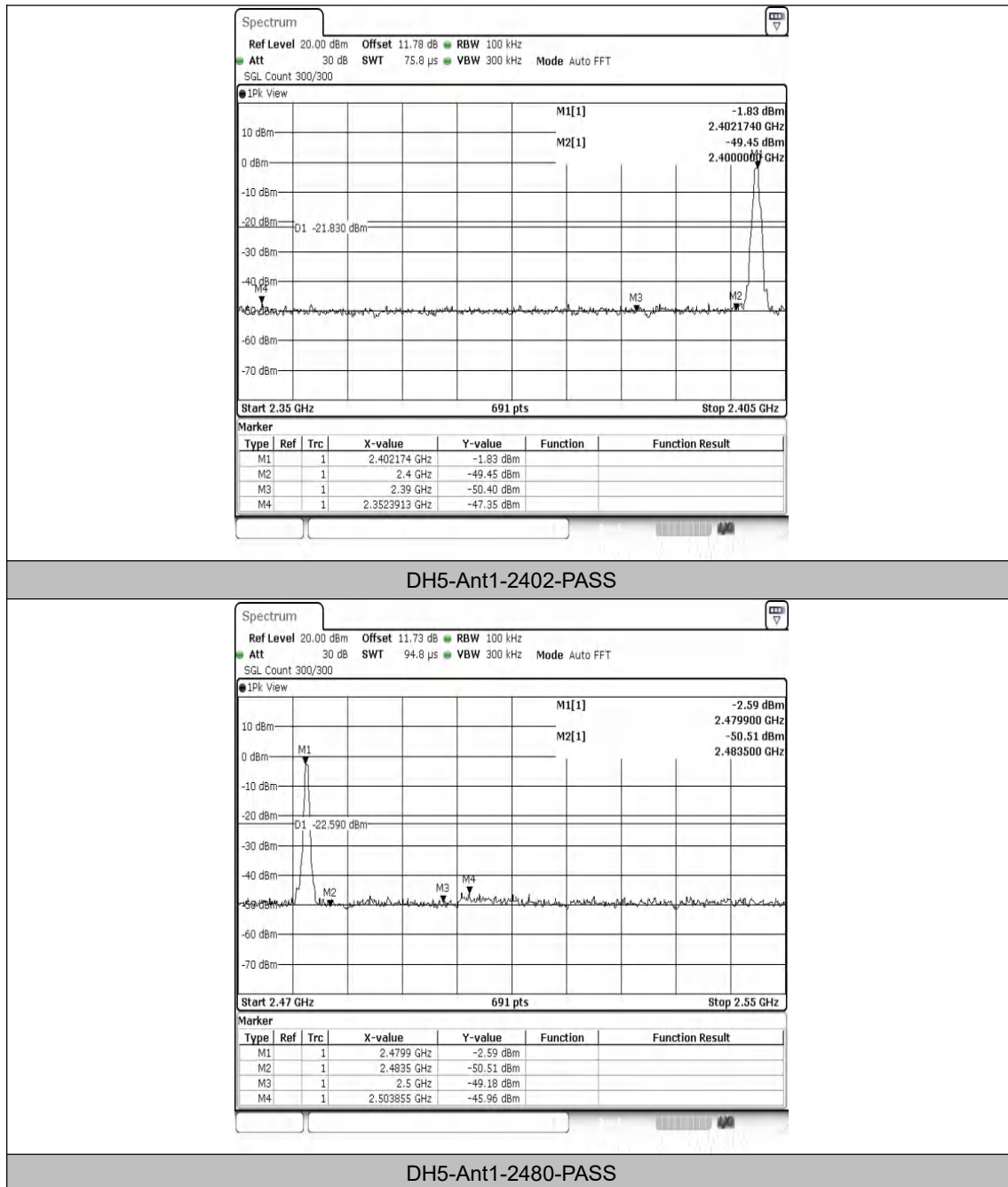
Appendix G: Conducted Band edge

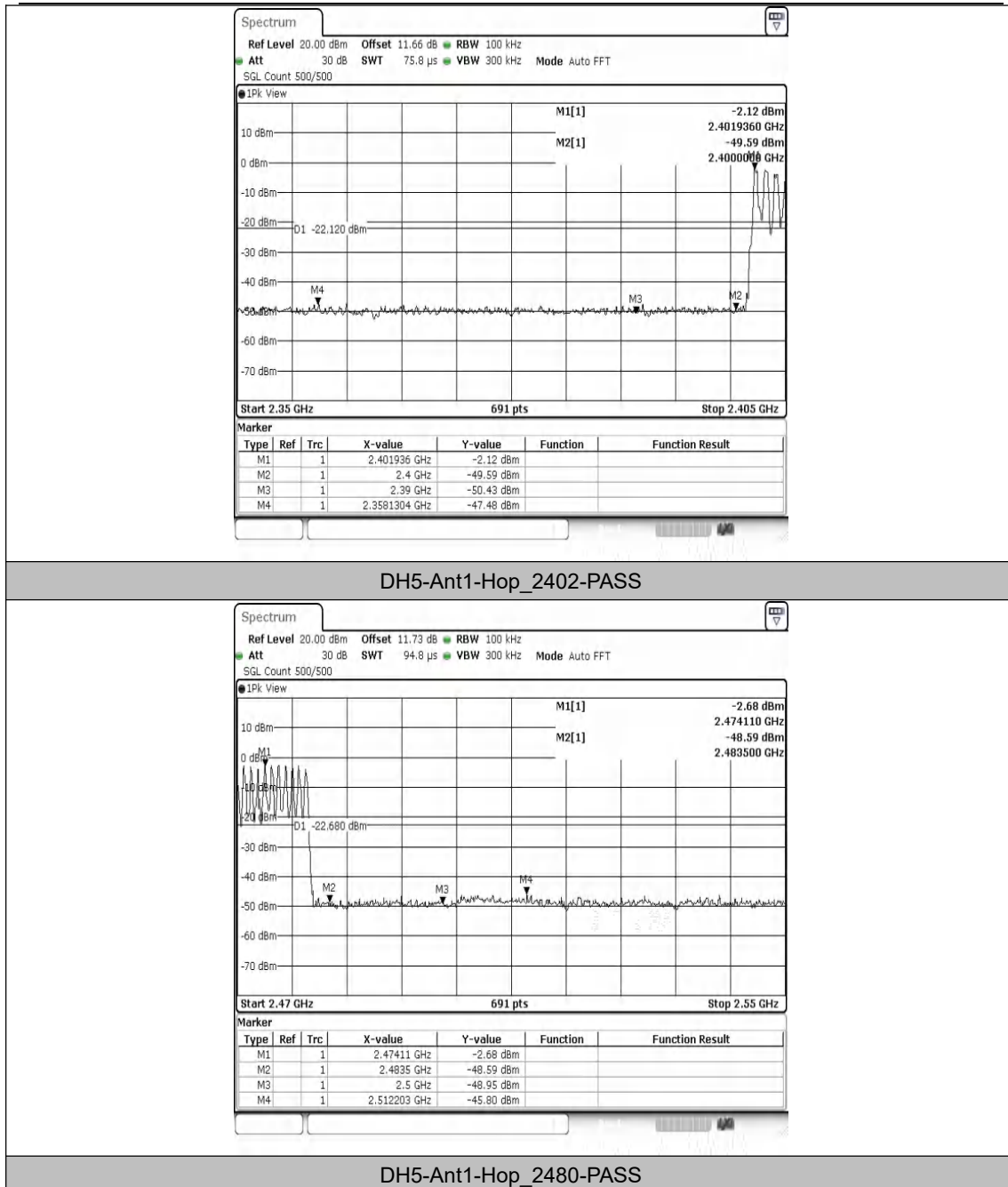
Test Result

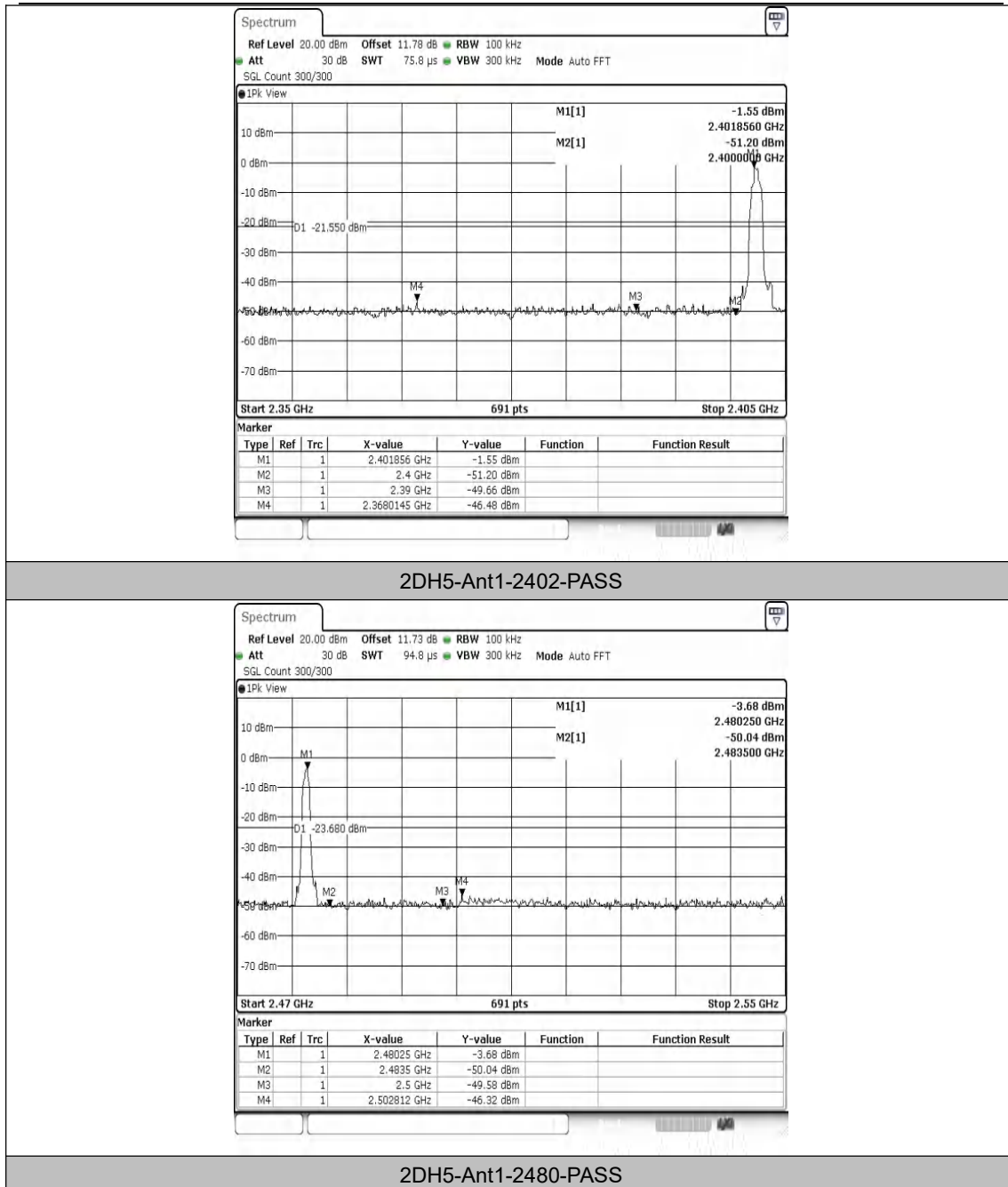
Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-1.83	-47.35	≤-21.83	PASS
DH5	Ant1	High	2480	-2.59	-45.96	≤-22.59	PASS
DH5	Ant1	Low	Hop_2402	-2.12	-47.48	≤-22.12	PASS
DH5	Ant1	High	Hop_2480	-2.68	-45.8	≤-22.68	PASS
2DH5	Ant1	Low	2402	-1.55	-46.48	≤-21.55	PASS
2DH5	Ant1	High	2480	-3.68	-46.32	≤-23.68	PASS
2DH5	Ant1	Low	Hop_2402	-3.76	-47	≤-23.76	PASS
2DH5	Ant1	High	Hop_2480	-4.00	-45.4	≤-24	PASS
3DH5	Ant1	Low	2402	-2.08	-46.32	≤-22.08	PASS
3DH5	Ant1	High	2480	-2.16	-44.98	≤-22.16	PASS
3DH5	Ant1	Low	Hop_2402	-3.67	-46.37	≤-23.67	PASS
3DH5	Ant1	High	Hop_2480	-3.14	-45.32	≤-23.14	PASS

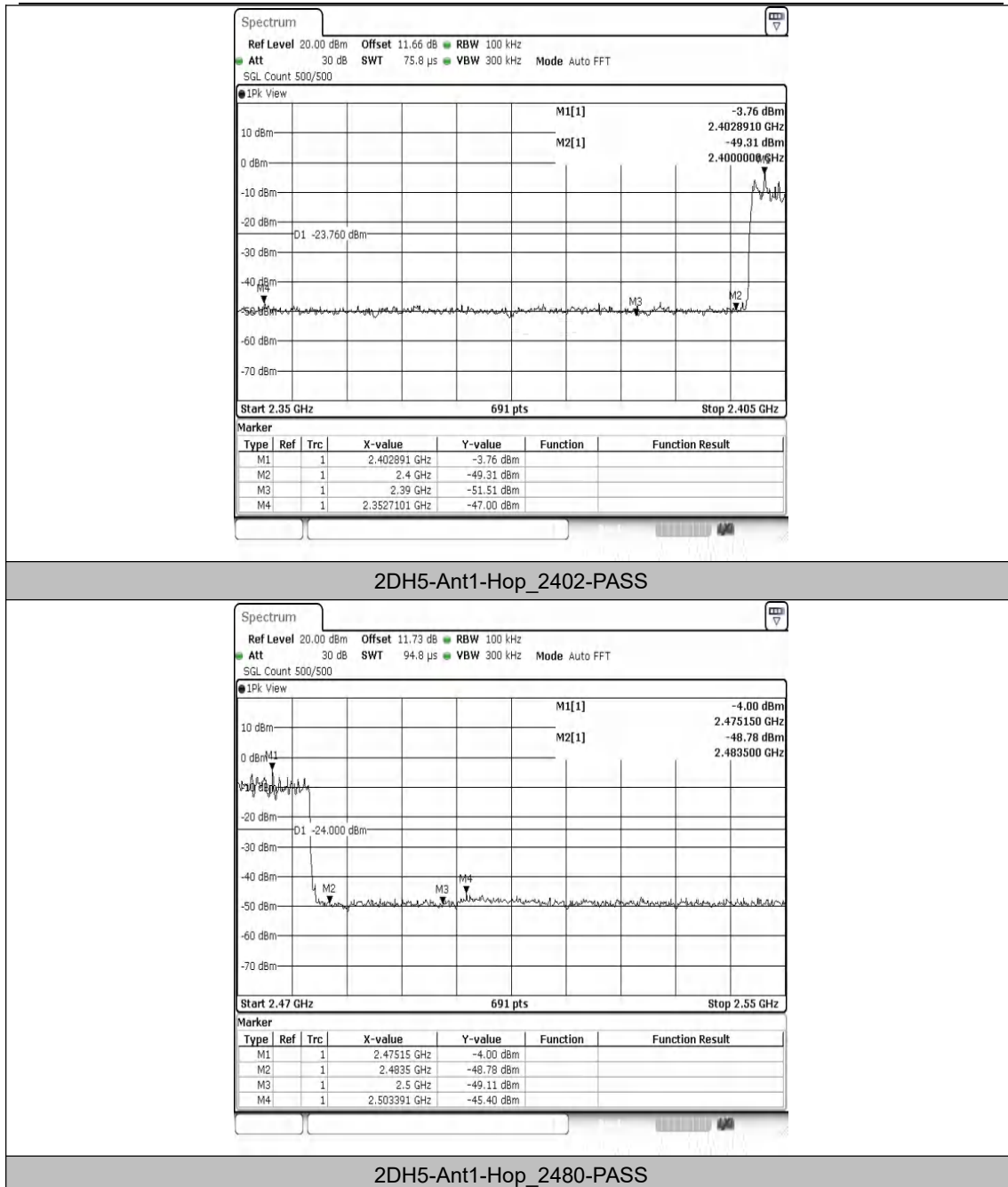


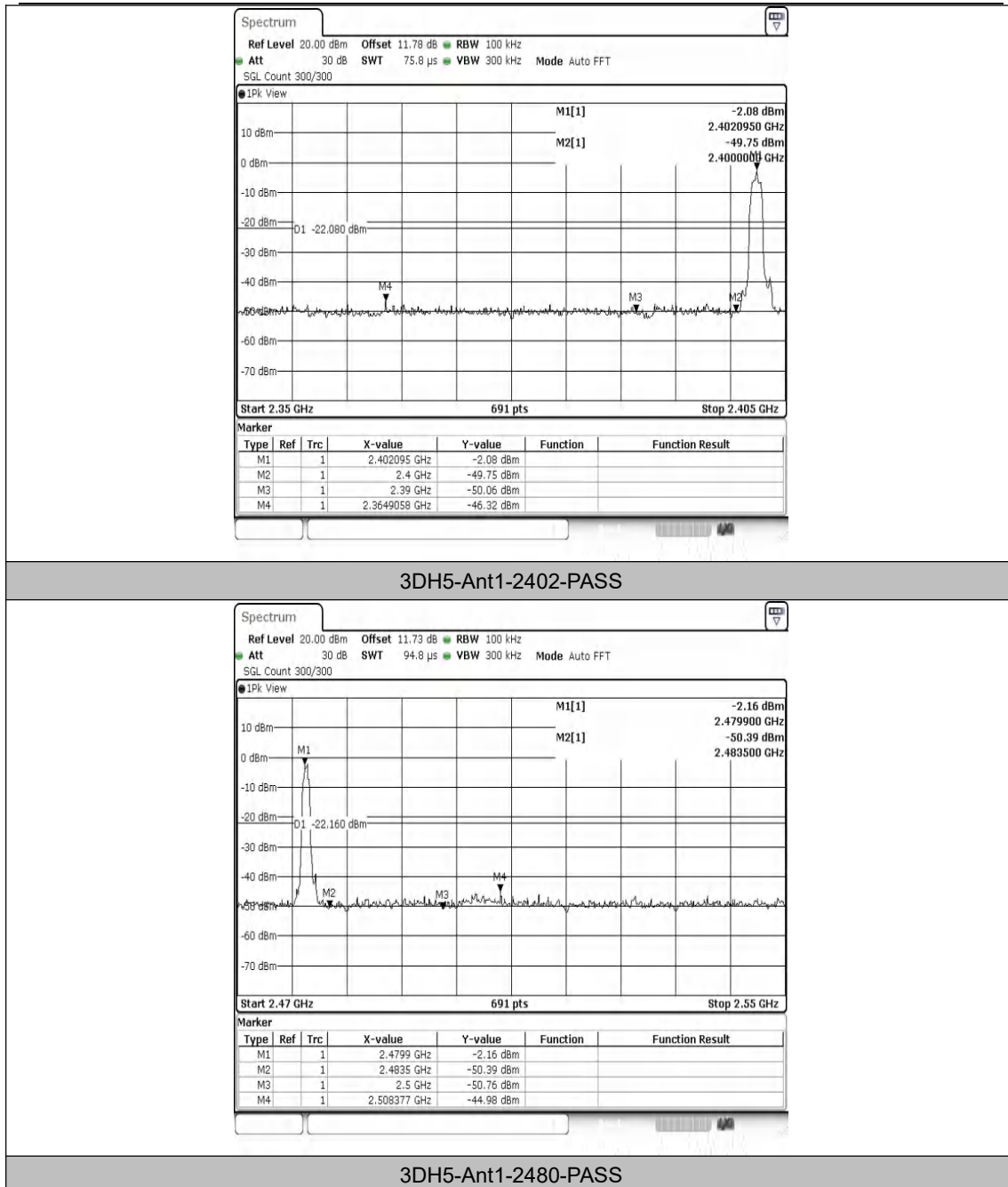
Test Graphs

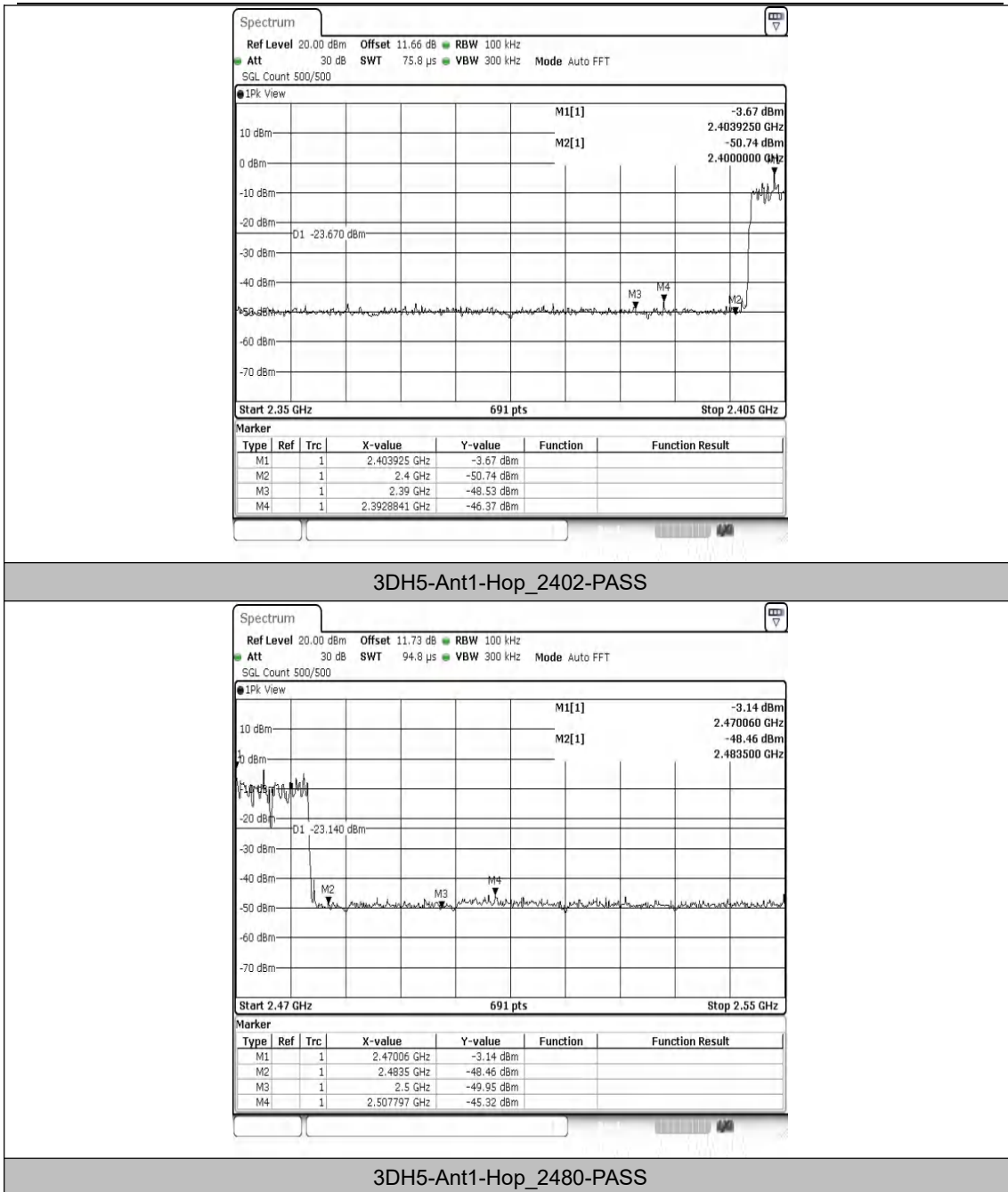












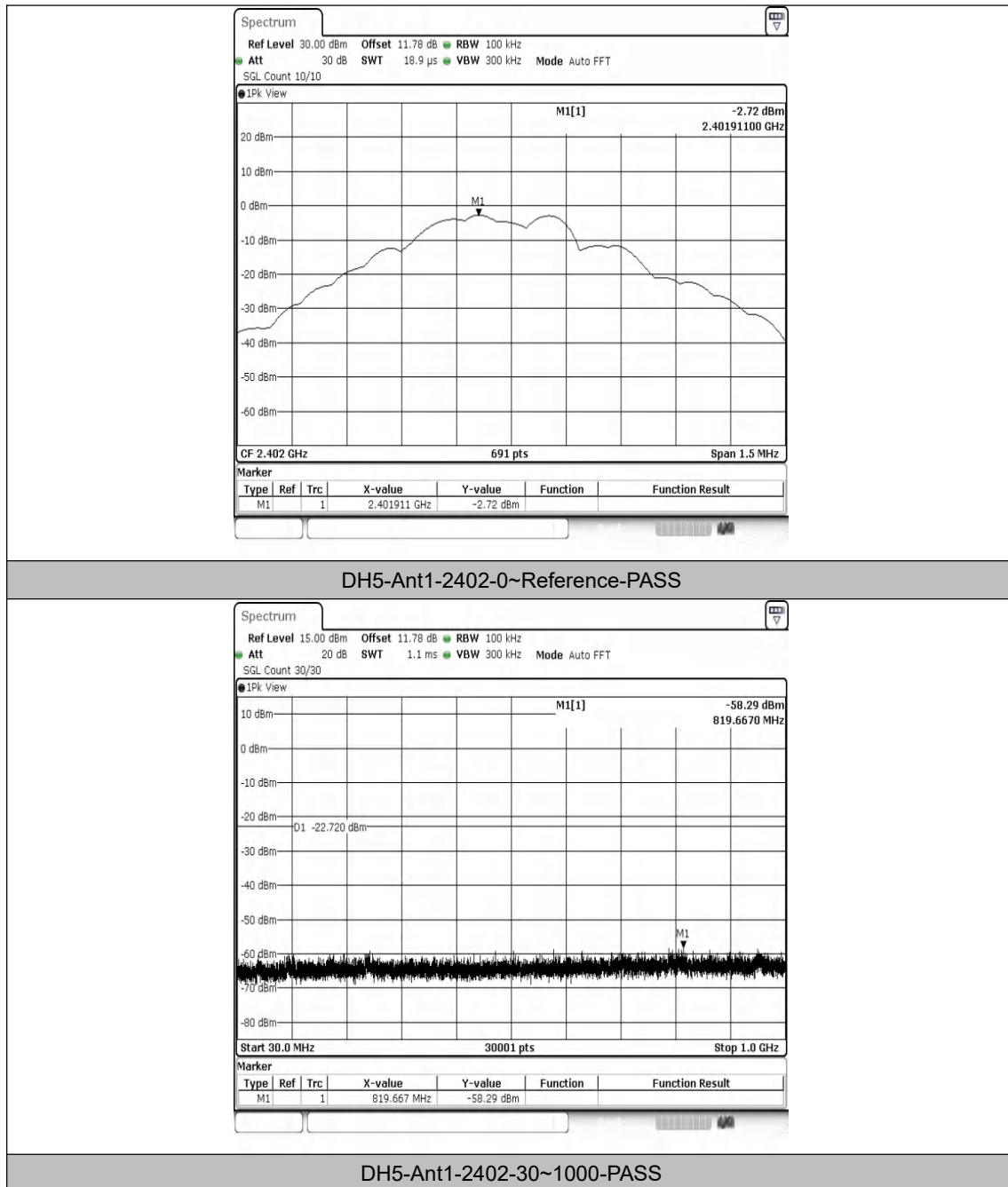
Appendix H: Conducted Spurious Emission

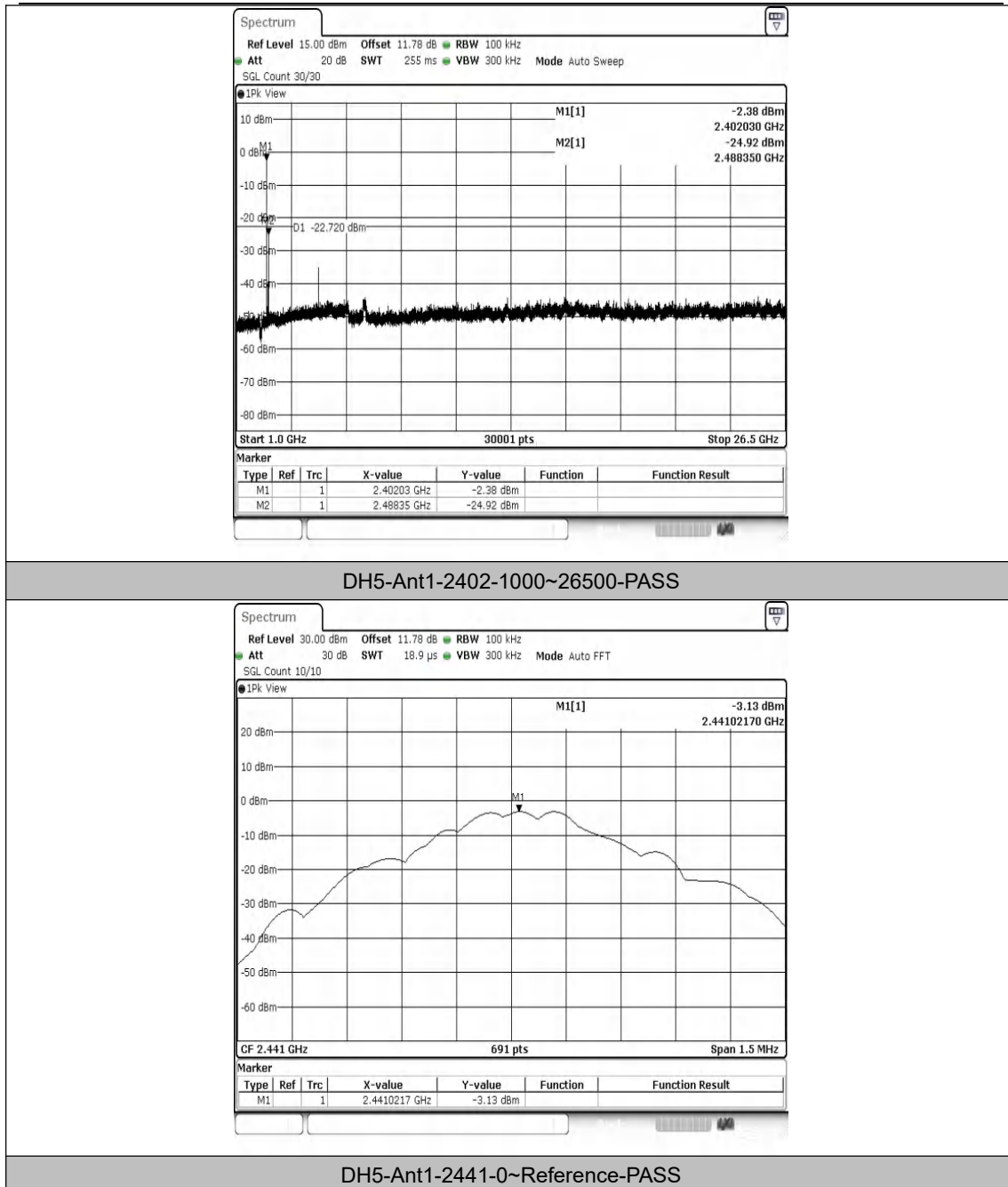
Test Result

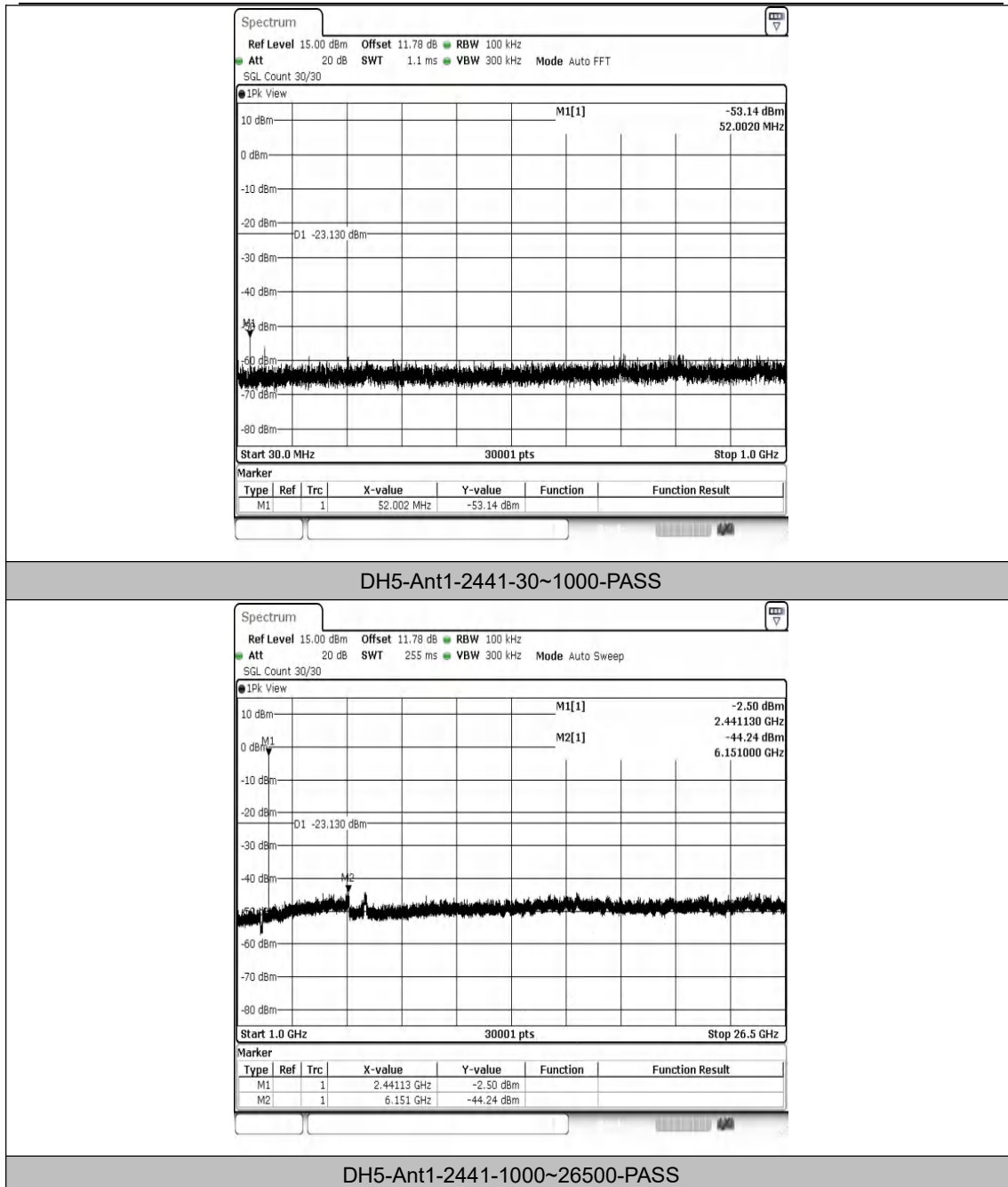
Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-2.72	-2.72	---	PASS
DH5	Ant1	2402	30~1000	-2.72	-58.29	≤-22.72	PASS
DH5	Ant1	2402	1000~26500	-2.72	-24.92	≤-22.72	PASS
DH5	Ant1	2441	0~Reference	-3.13	-3.13	---	PASS
DH5	Ant1	2441	30~1000	-3.13	-53.14	≤-23.13	PASS
DH5	Ant1	2441	1000~26500	-3.13	-44.24	≤-23.13	PASS
DH5	Ant1	2480	0~Reference	-3.27	-3.27	---	PASS
DH5	Ant1	2480	30~1000	-3.27	-55.17	≤-23.27	PASS
DH5	Ant1	2480	1000~26500	-3.27	-44.32	≤-23.27	PASS
2DH5	Ant1	2402	0~Reference	-2.89	-2.89	---	PASS
2DH5	Ant1	2402	30~1000	-2.89	-54.22	≤-22.89	PASS
2DH5	Ant1	2402	1000~26500	-2.89	-43.87	≤-22.89	PASS
2DH5	Ant1	2441	0~Reference	-8.05	-8.05	---	PASS
2DH5	Ant1	2441	30~1000	-8.05	-53.62	≤-28.05	PASS
2DH5	Ant1	2441	1000~26500	-8.05	-43.82	≤-28.05	PASS
2DH5	Ant1	2480	0~Reference	-9.07	-9.07	---	PASS
2DH5	Ant1	2480	30~1000	-9.07	-52.1	≤-29.07	PASS
2DH5	Ant1	2480	1000~26500	-9.07	-44.16	≤-29.07	PASS
3DH5	Ant1	2402	0~Reference	-2.56	-2.56	---	PASS
3DH5	Ant1	2402	30~1000	-2.56	-51.44	≤-22.56	PASS
3DH5	Ant1	2402	1000~26500	-2.56	-44.19	≤-22.56	PASS
3DH5	Ant1	2441	0~Reference	-7.60	-7.60	---	PASS
3DH5	Ant1	2441	30~1000	-7.60	-53.5	≤-27.6	PASS
3DH5	Ant1	2441	1000~26500	-7.60	-43.5	≤-27.6	PASS
3DH5	Ant1	2480	0~Reference	-2.37	-2.37	---	PASS
3DH5	Ant1	2480	30~1000	-2.37	-54.38	≤-22.37	PASS
3DH5	Ant1	2480	1000~26500	-2.37	-43.19	≤-22.37	PASS

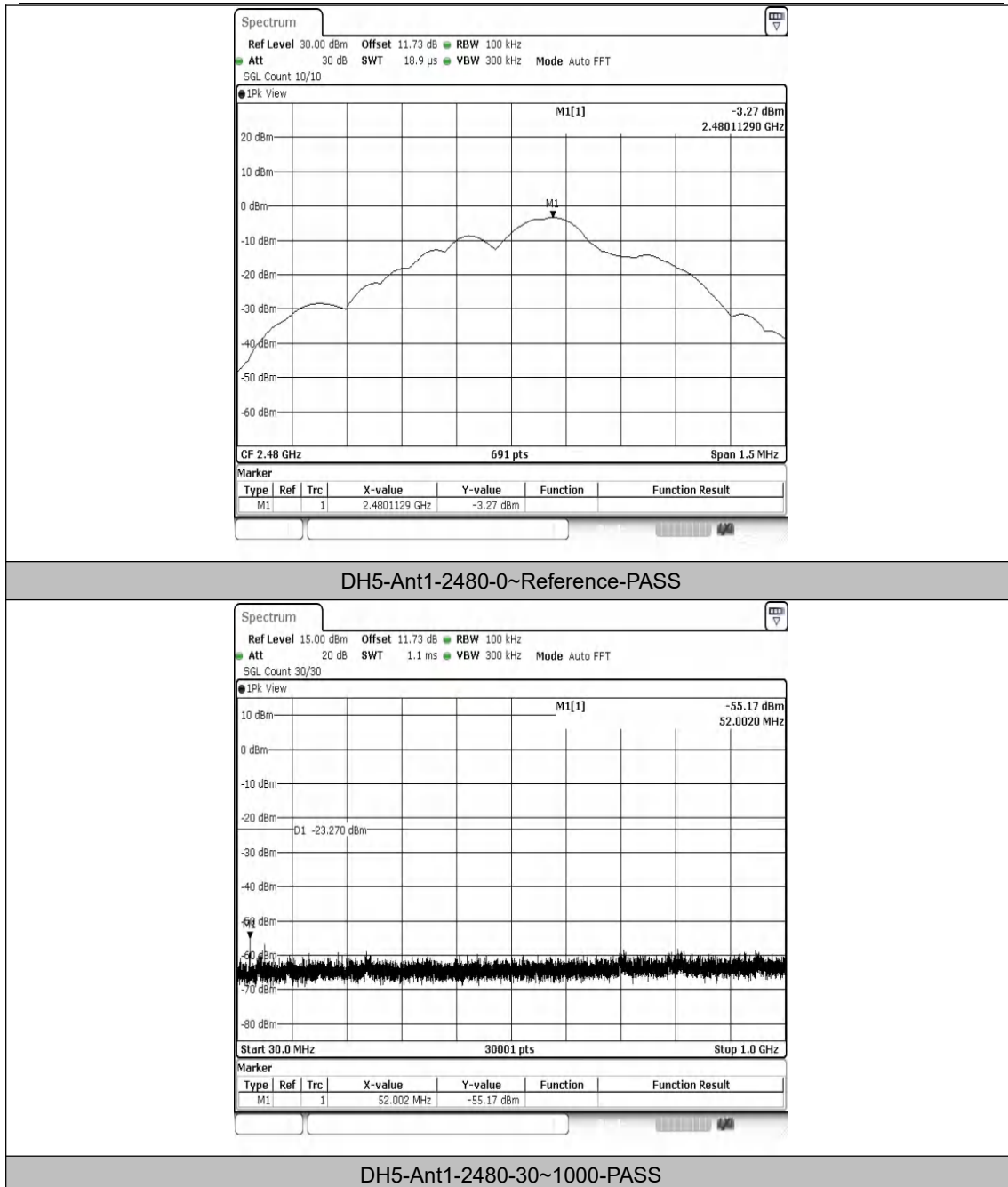


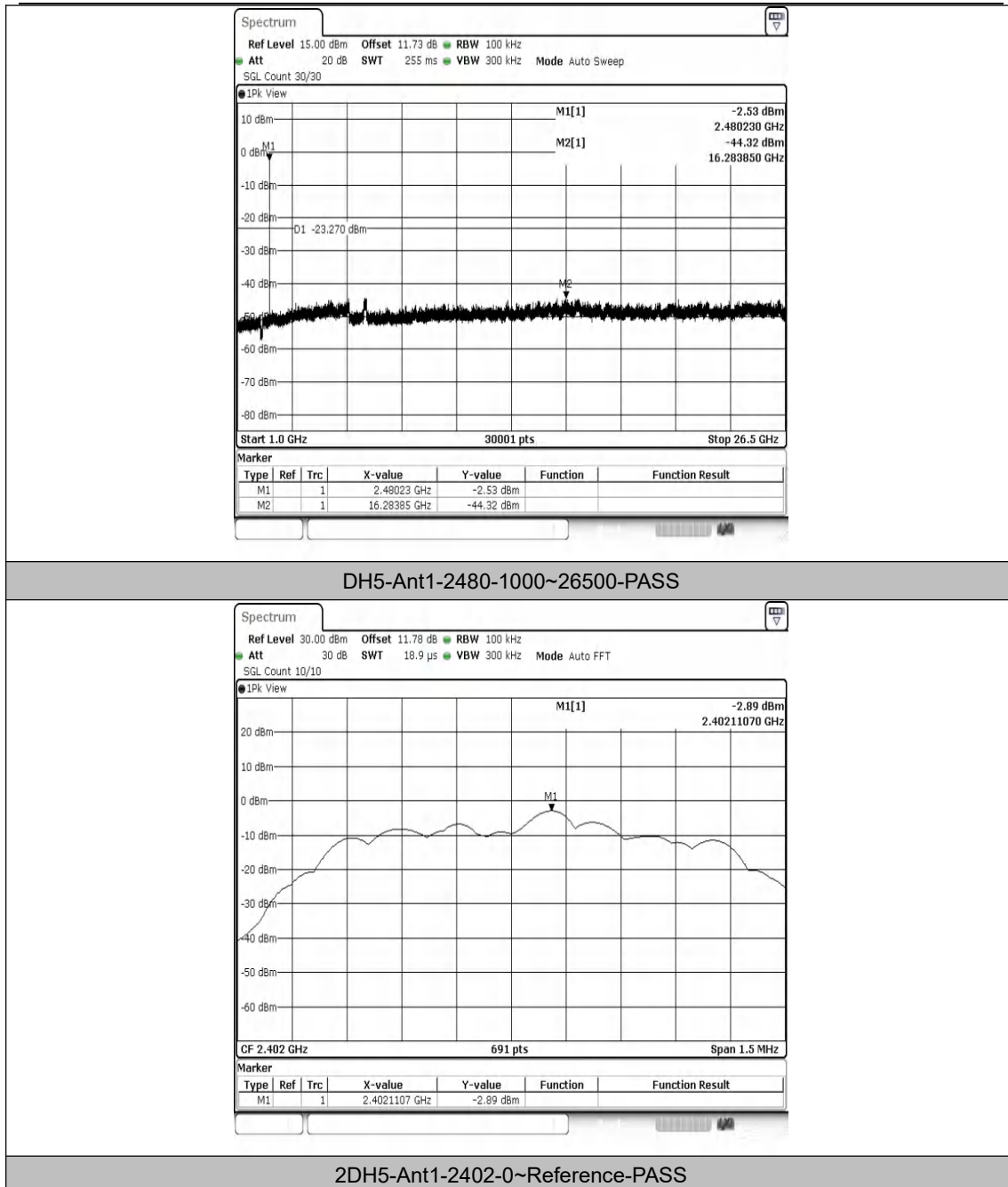
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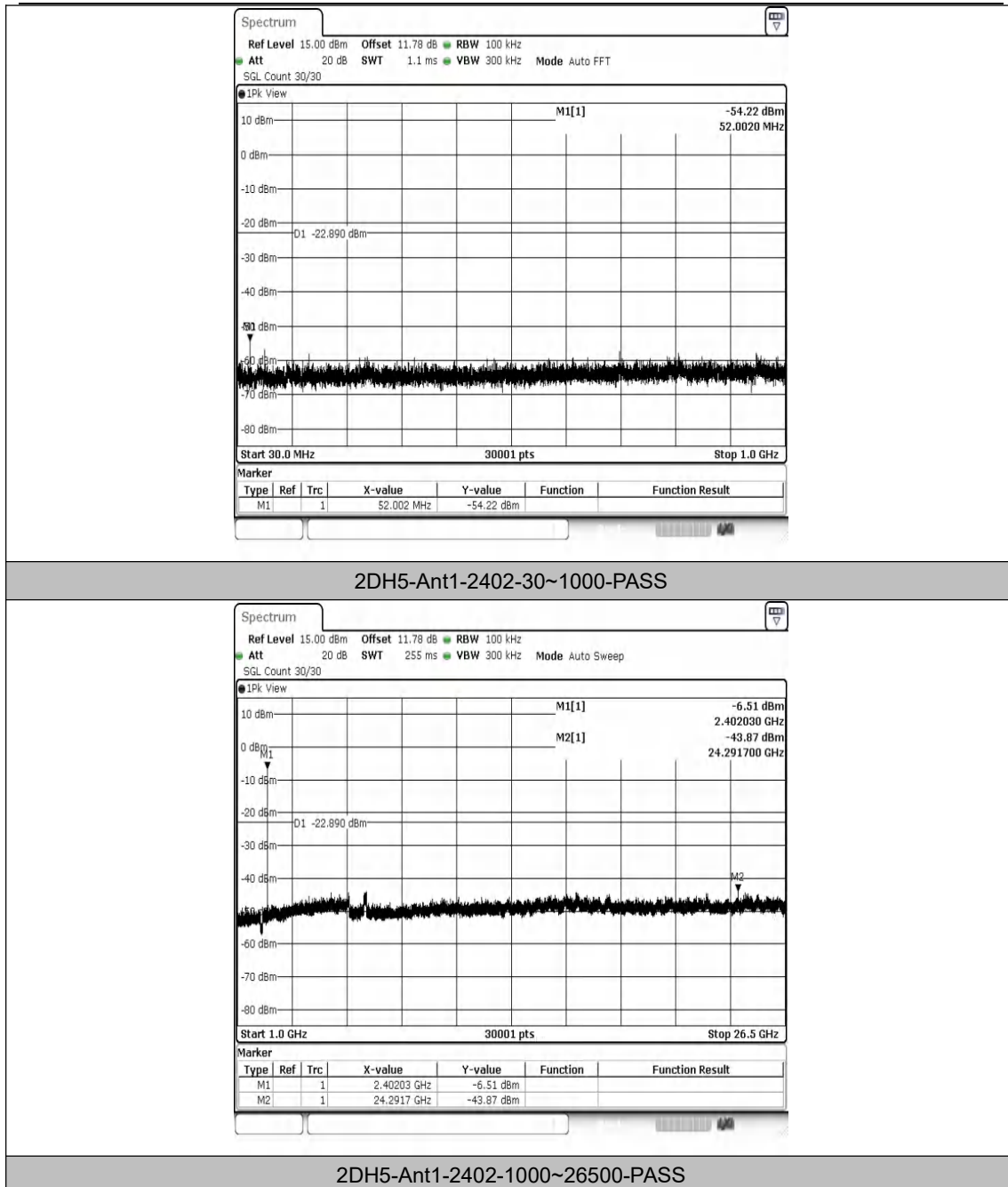


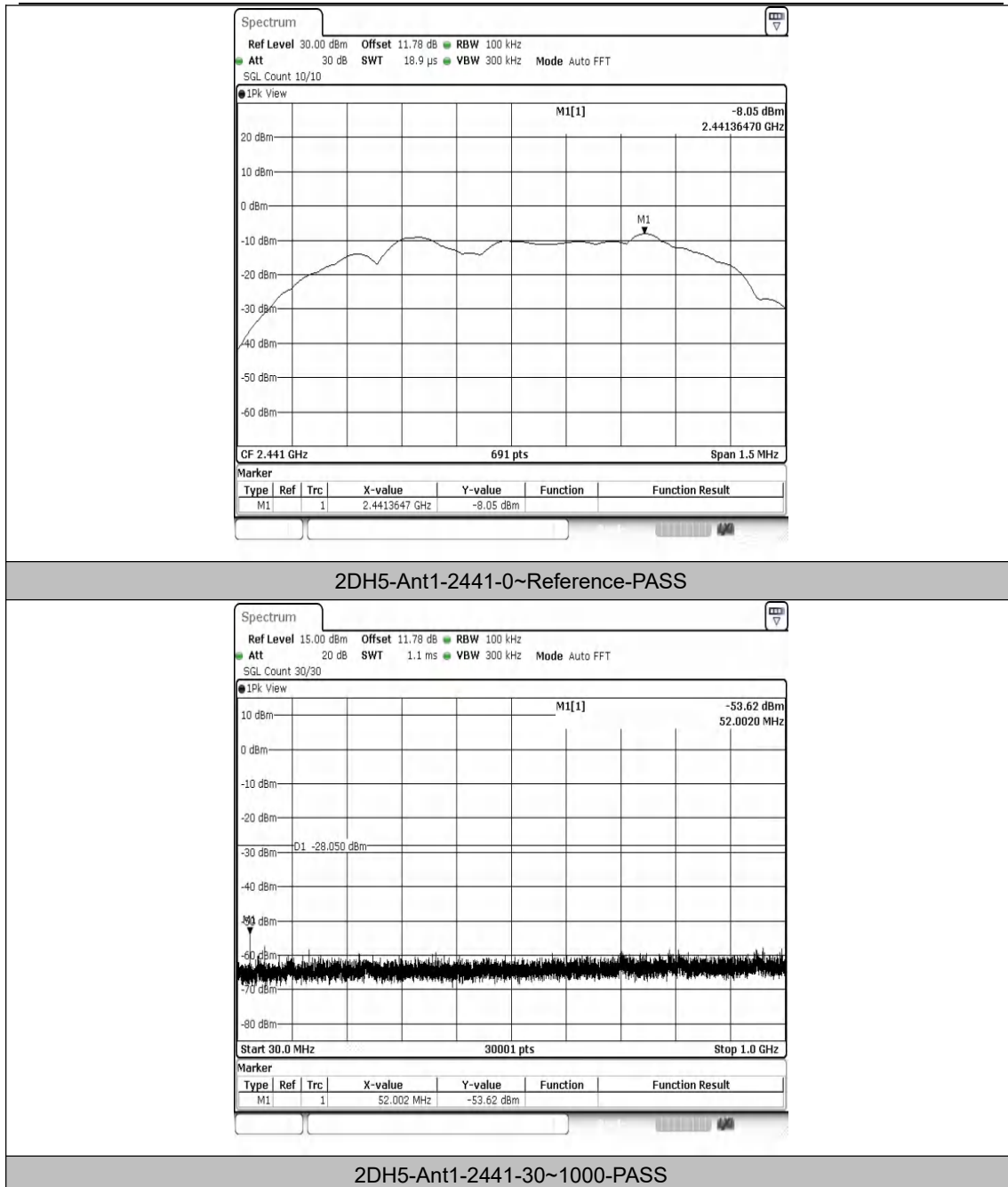


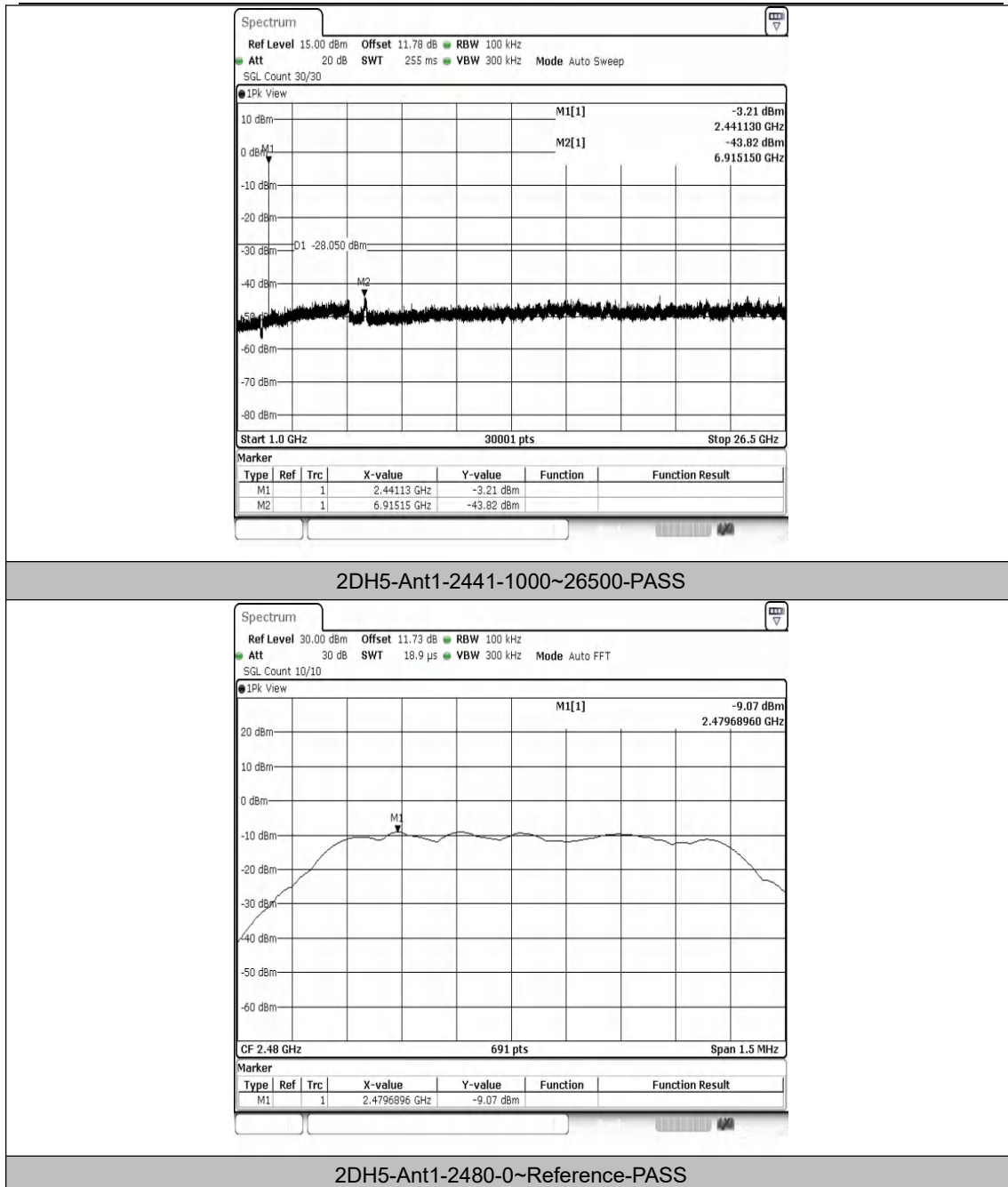


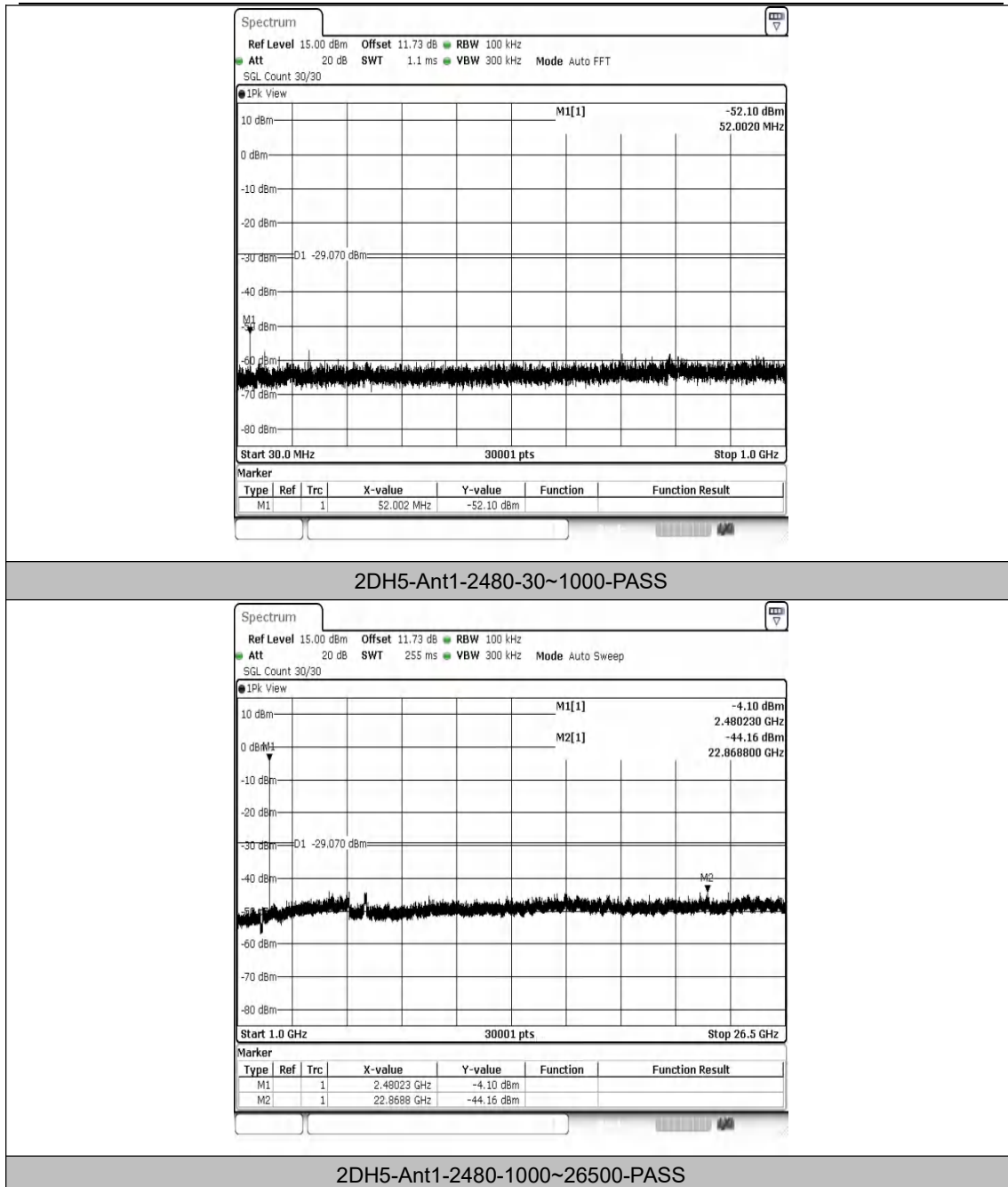


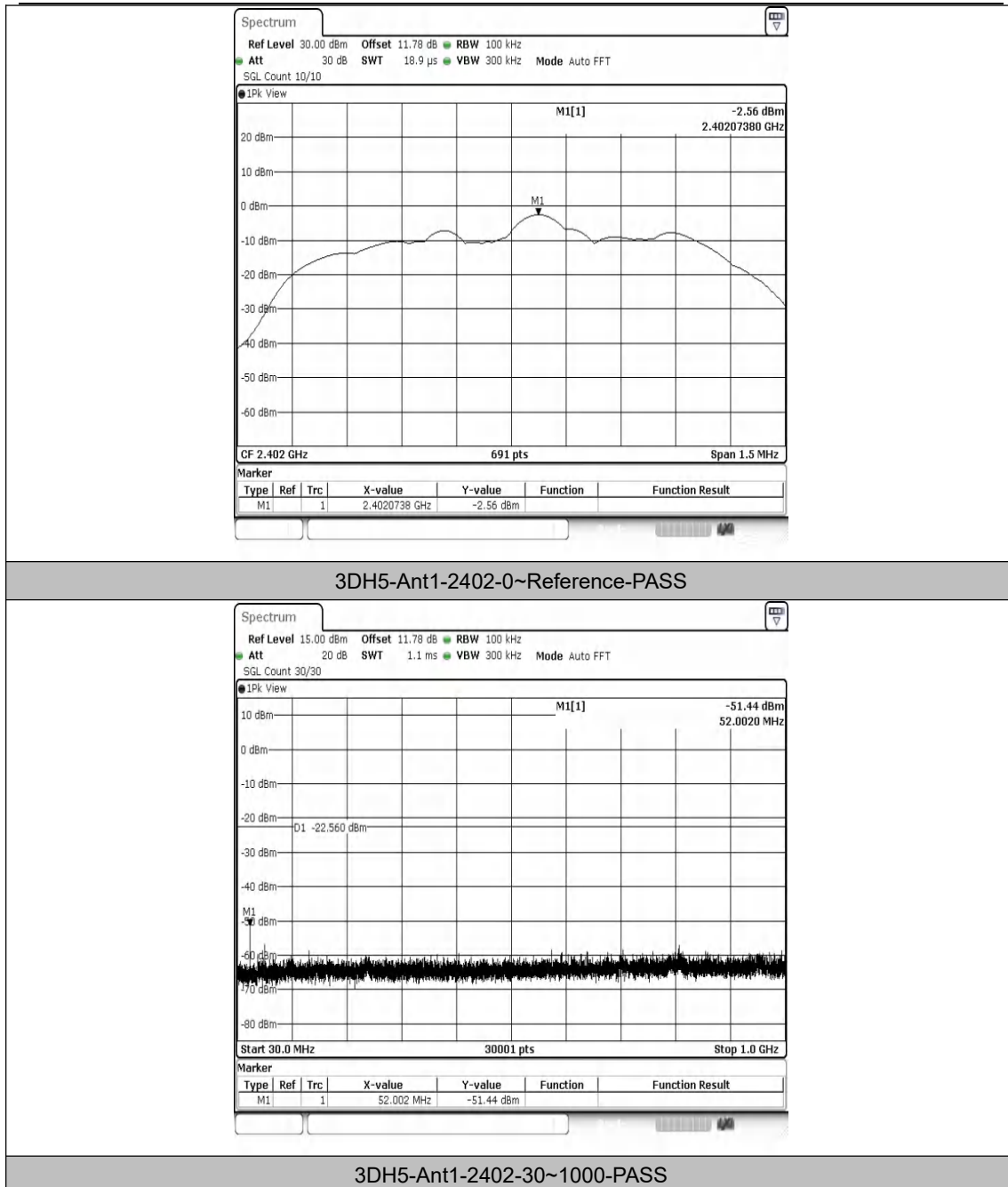


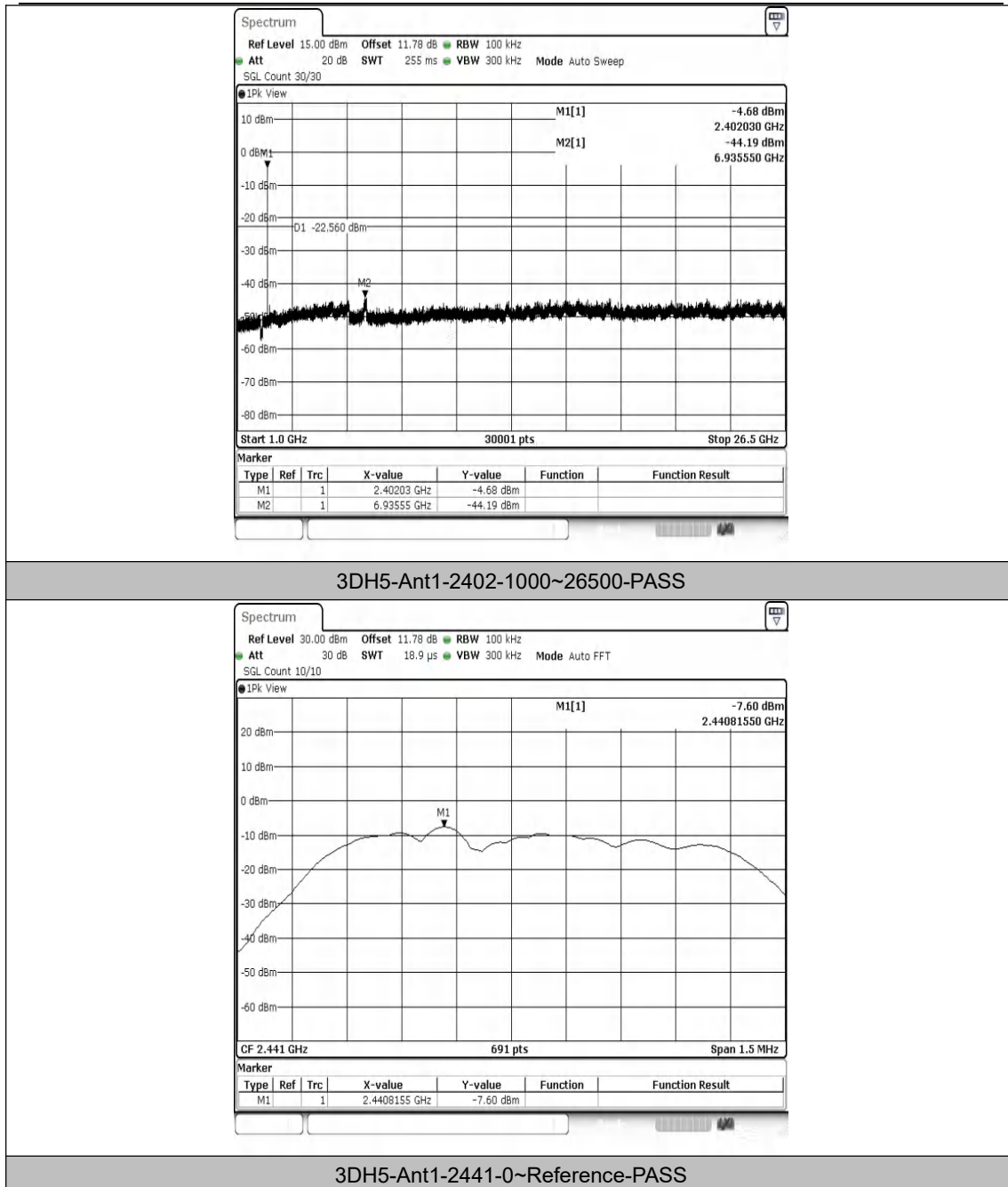


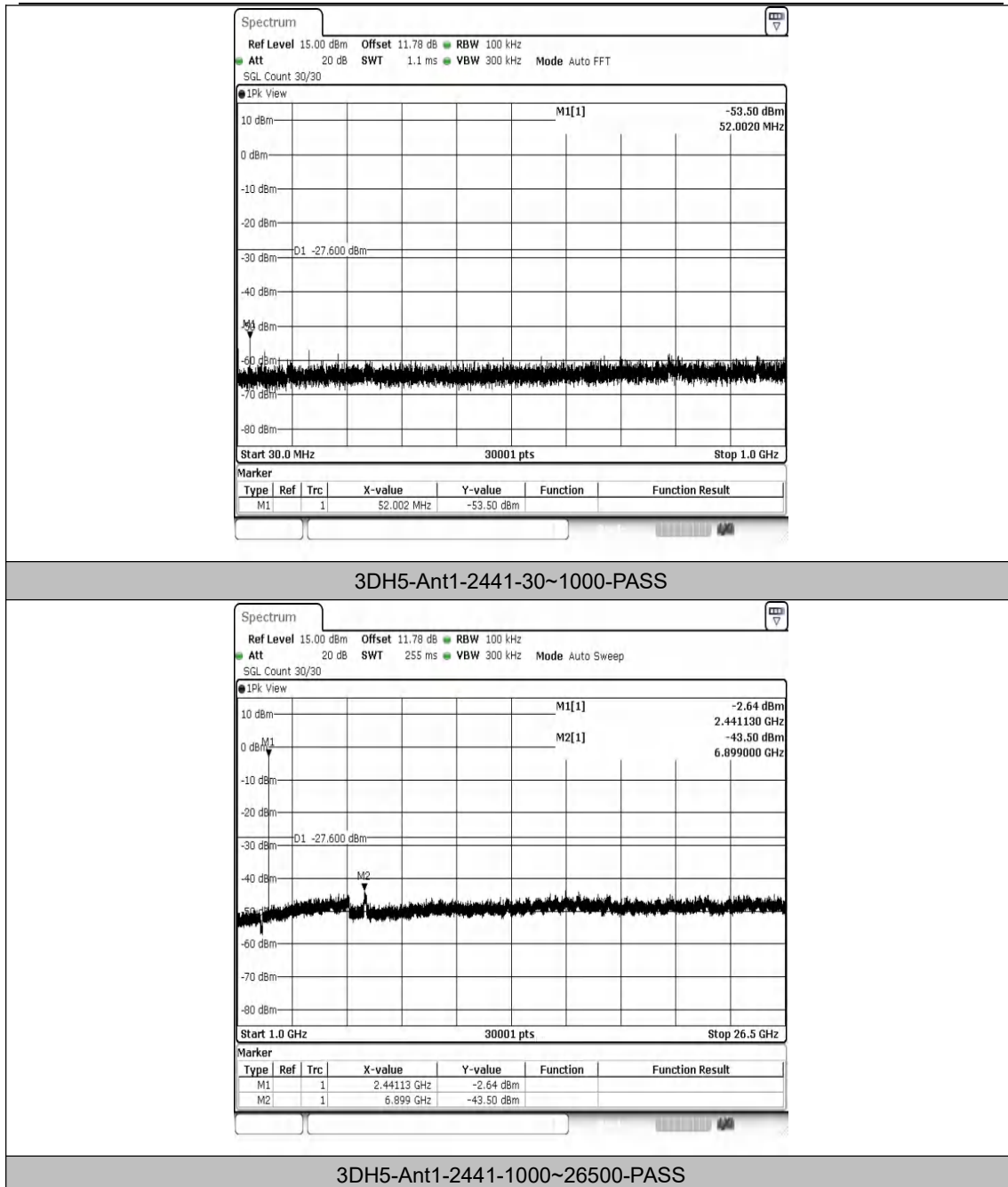


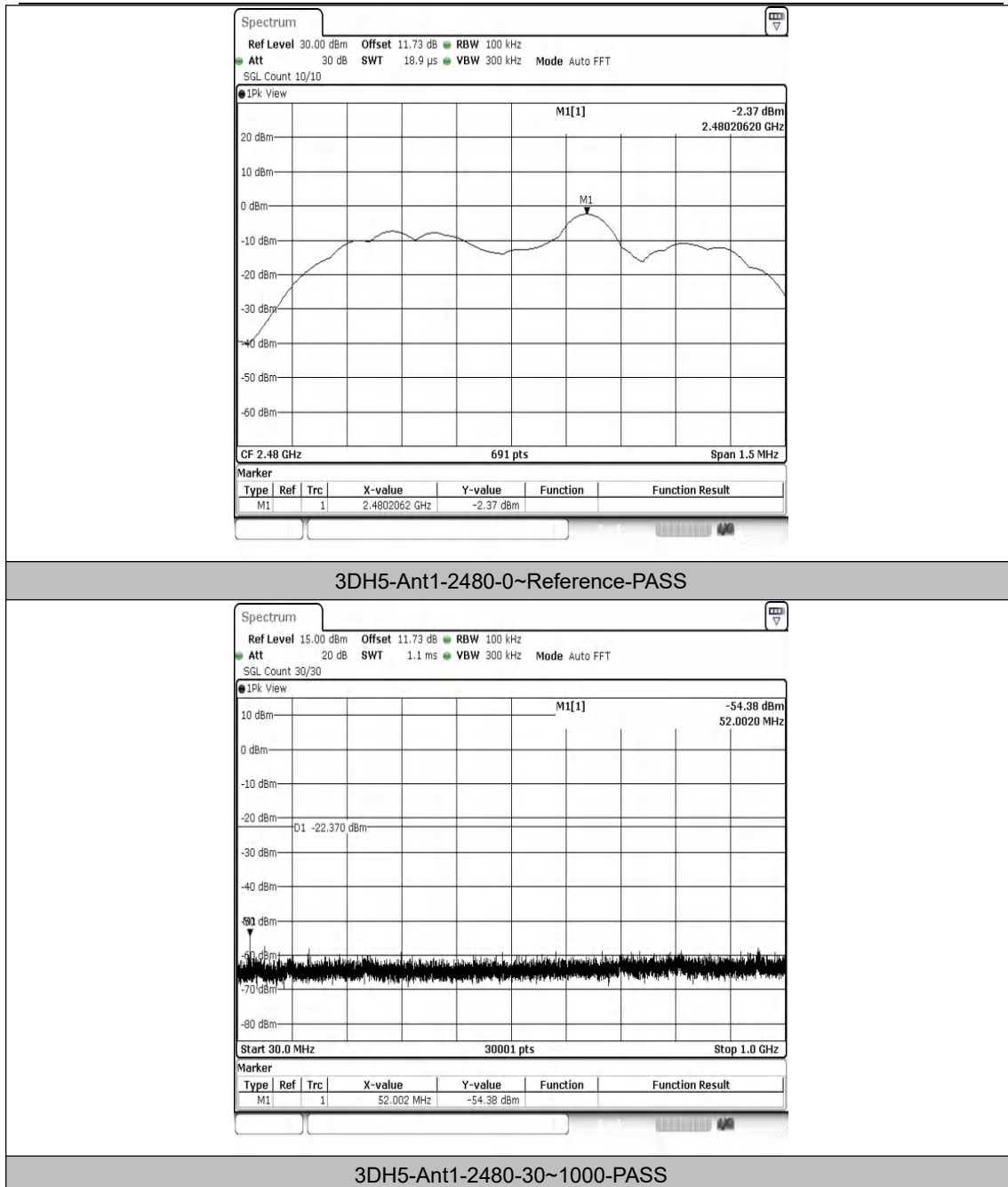


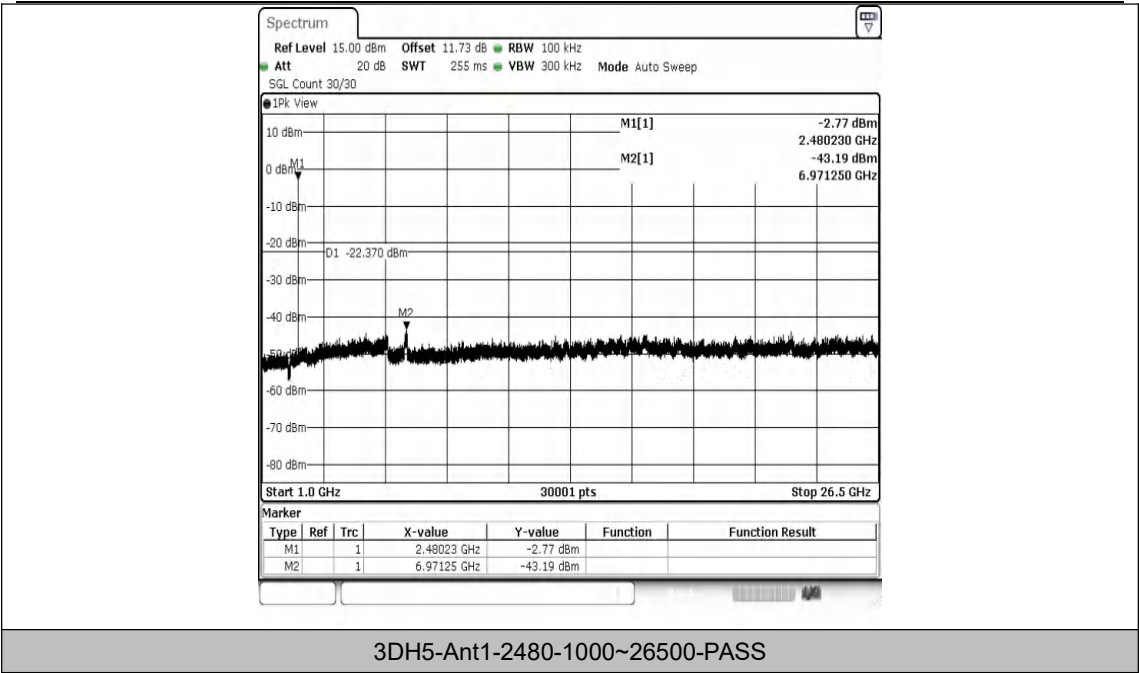












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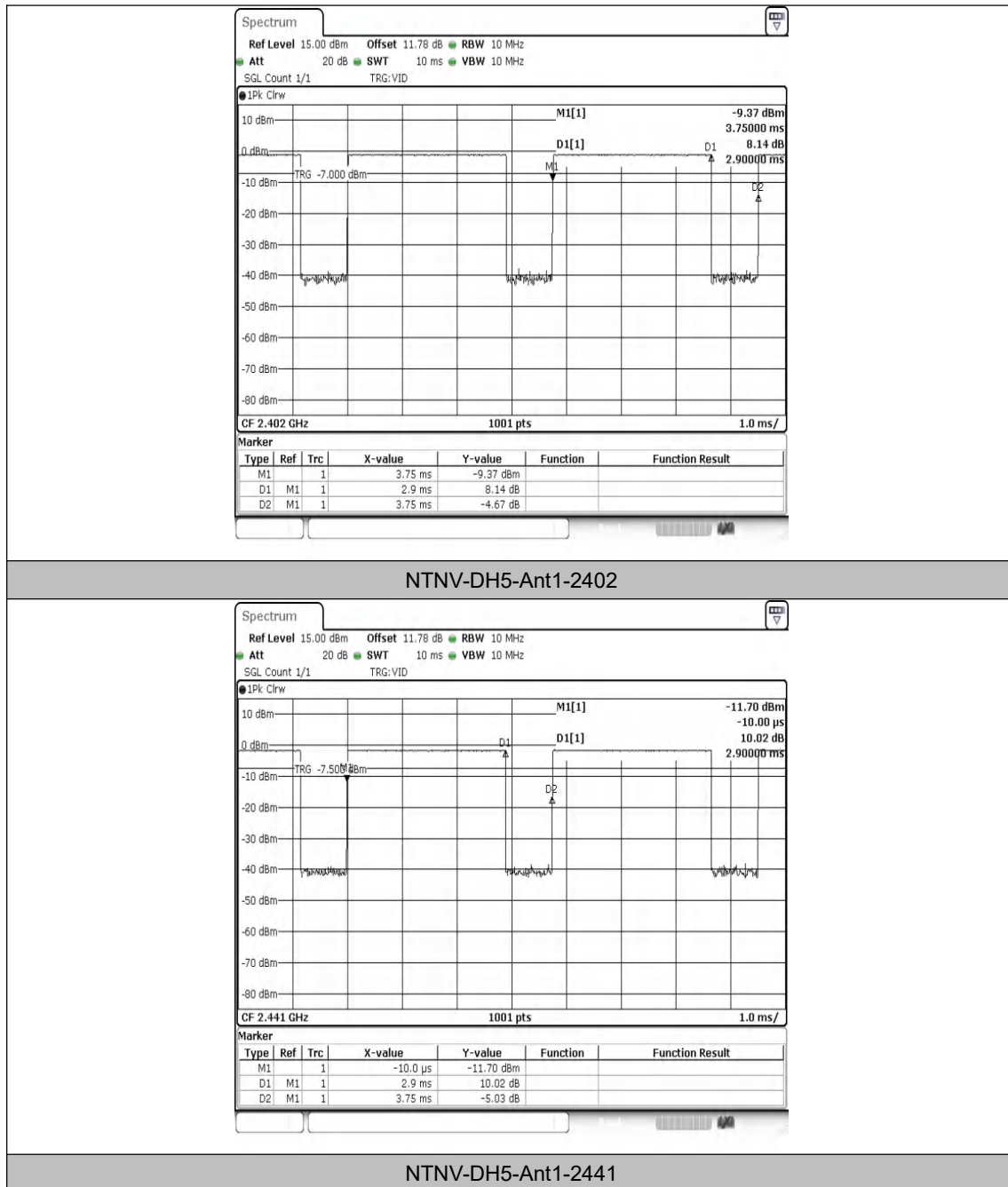
Appendix I: Duty Cycle

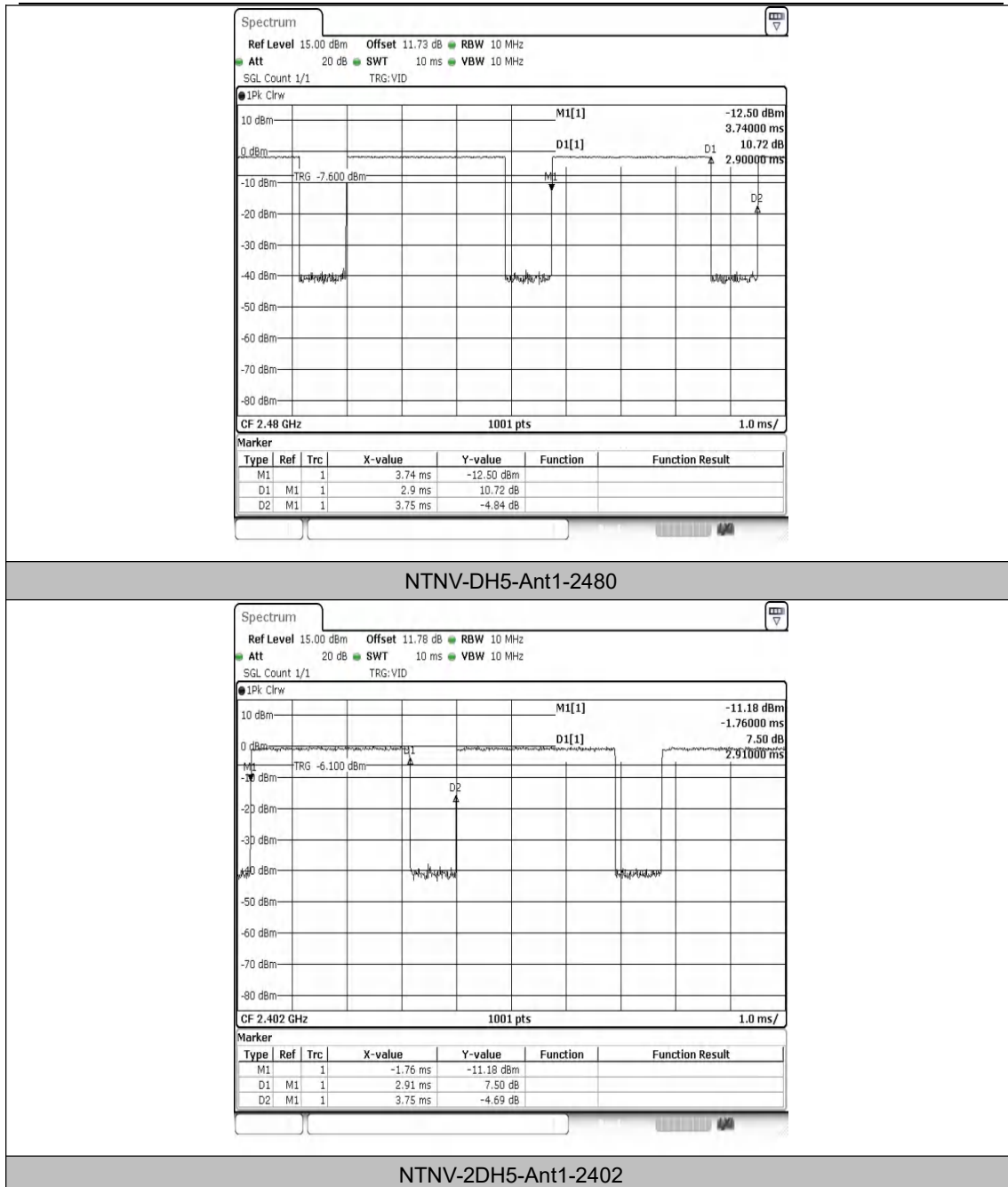
Test Result

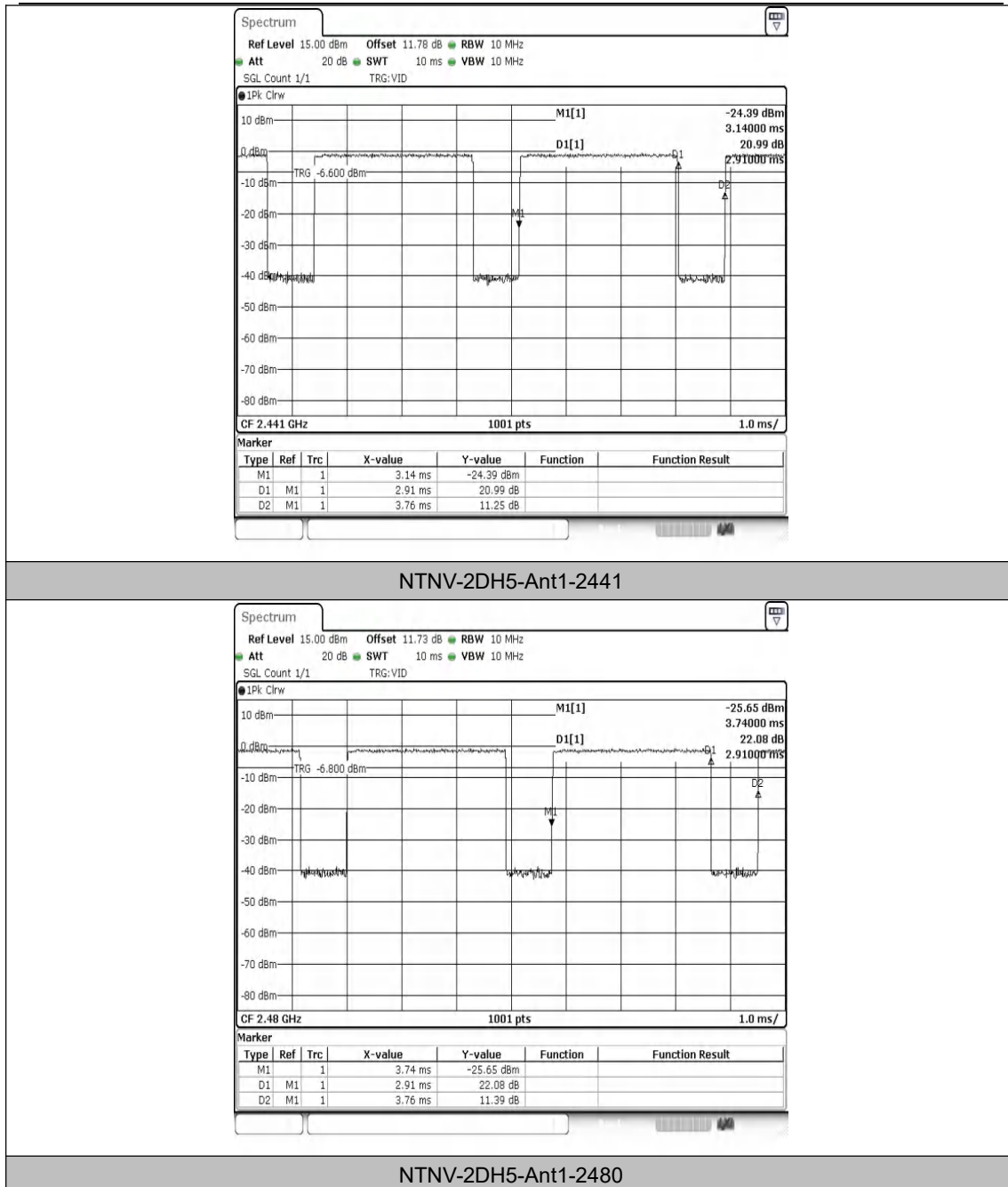
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.90	3.75	77.33	1.12
DH5	Ant1	2441	2.90	3.75	77.33	1.12
DH5	Ant1	2480	2.90	3.75	77.33	1.12
2DH5	Ant1	2402	2.91	3.75	77.60	1.10
2DH5	Ant1	2441	2.91	3.76	77.39	1.11
2DH5	Ant1	2480	2.91	3.76	77.39	1.11
3DH5	Ant1	2402	2.91	3.75	77.60	1.10
3DH5	Ant1	2441	2.91	3.75	77.60	1.10
3DH5	Ant1	2480	2.91	3.75	77.60	1.10

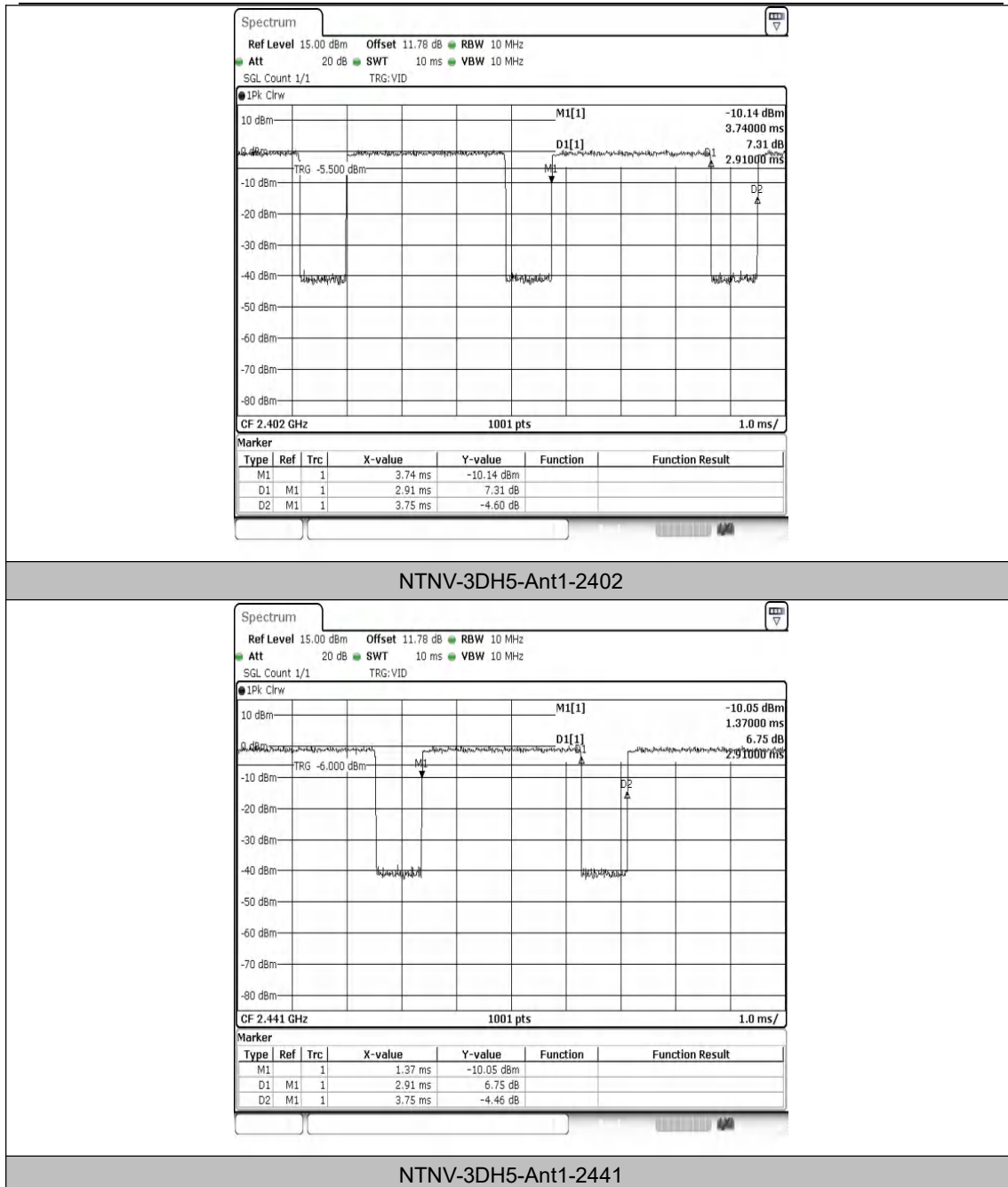


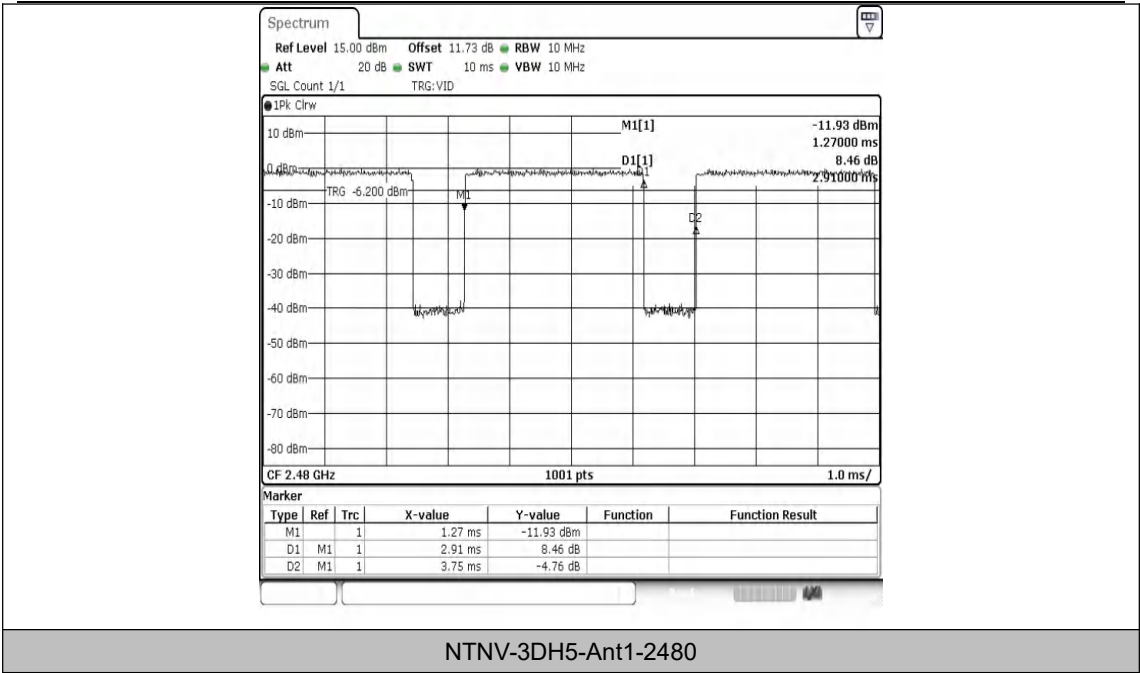
Test Graphs











---End---

