

Appendix Test Data

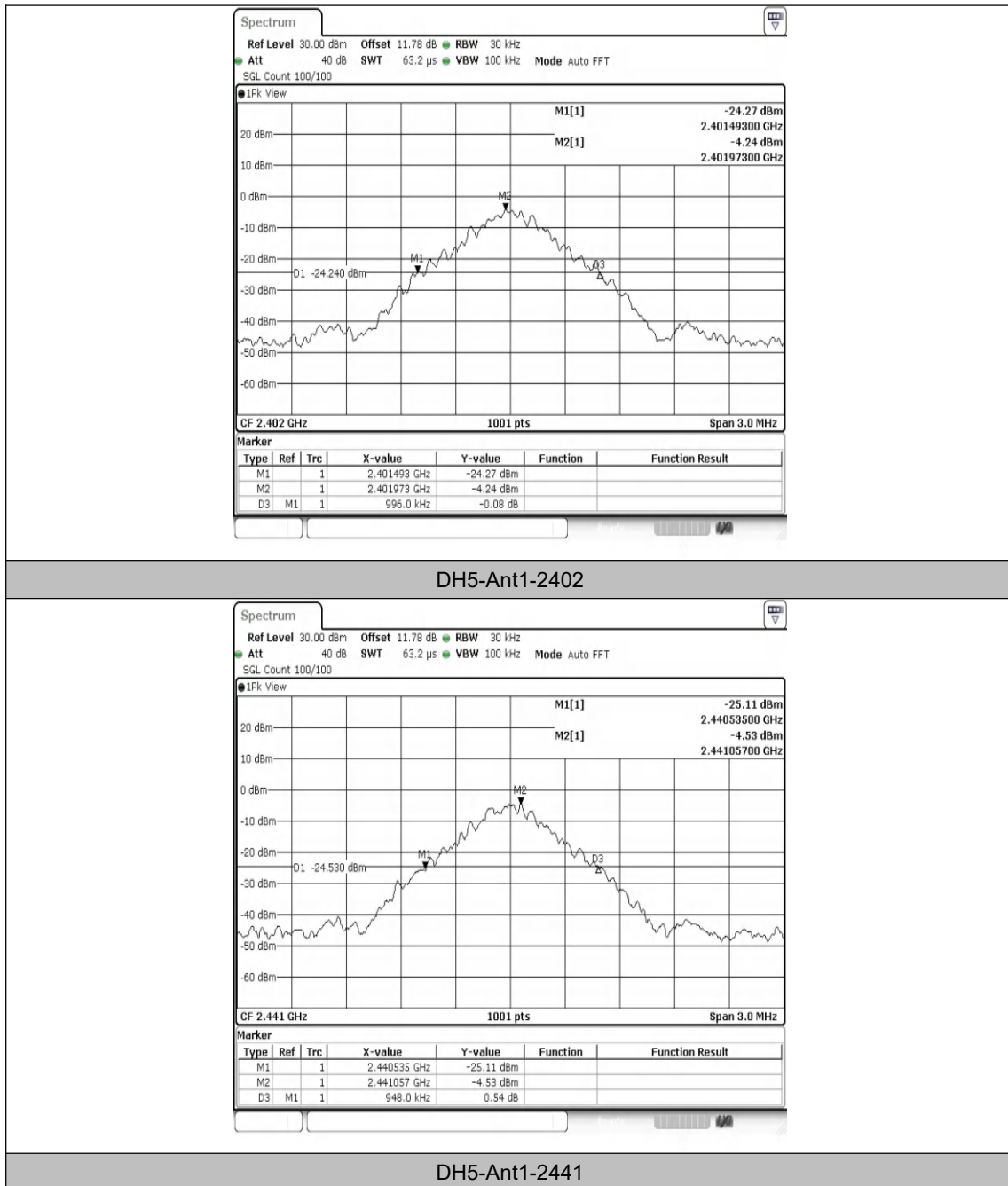
Report No.:	1812C50129012502	Test Sample No.:	1-2-2
Start Test Date:	2025.4.2	Finish Test Date:	2025.4.8
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	22.4°C	Relative Humidity:	44%
Pressure:	101kPa		

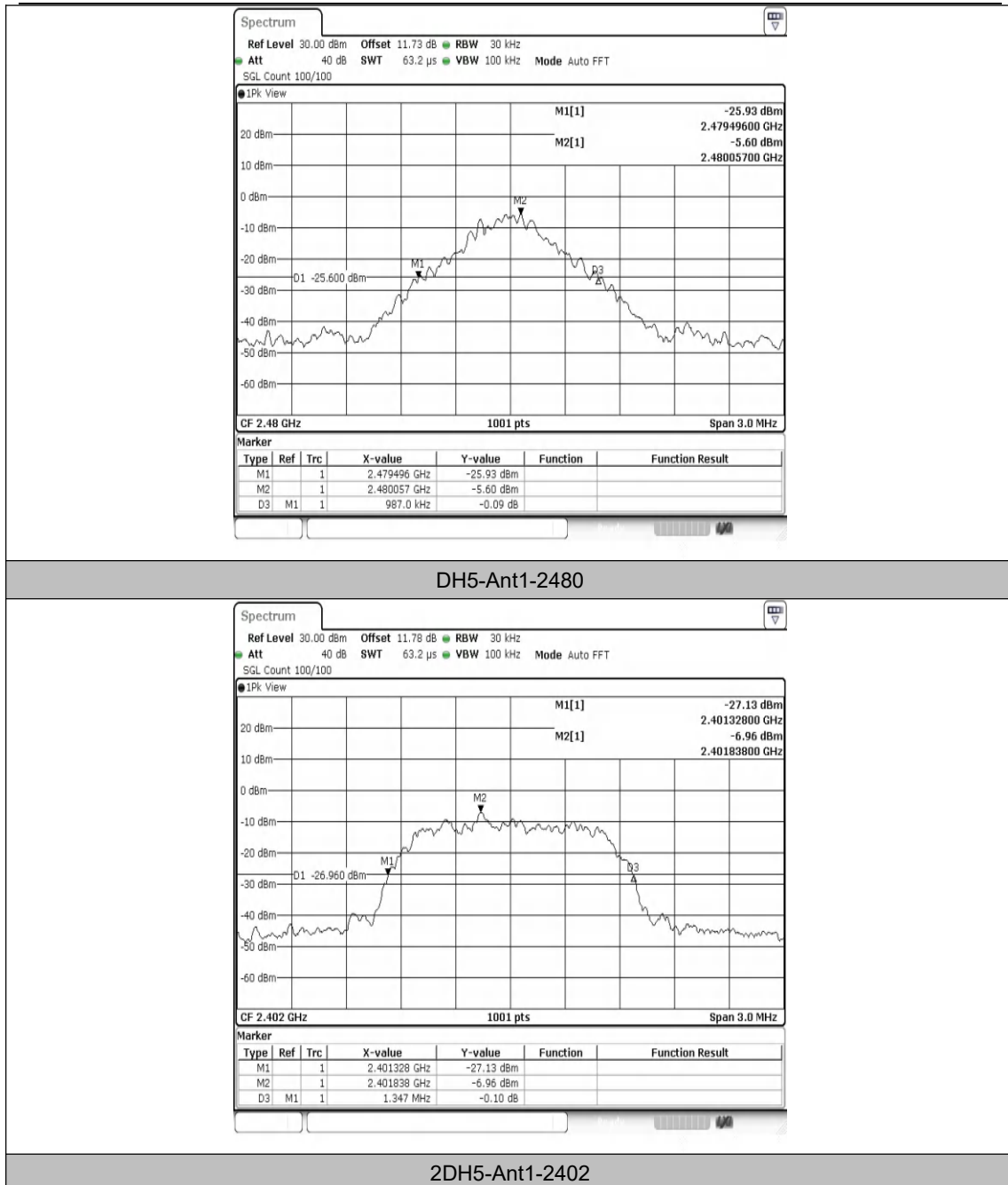
Appendix A: 20dB Bandwidth

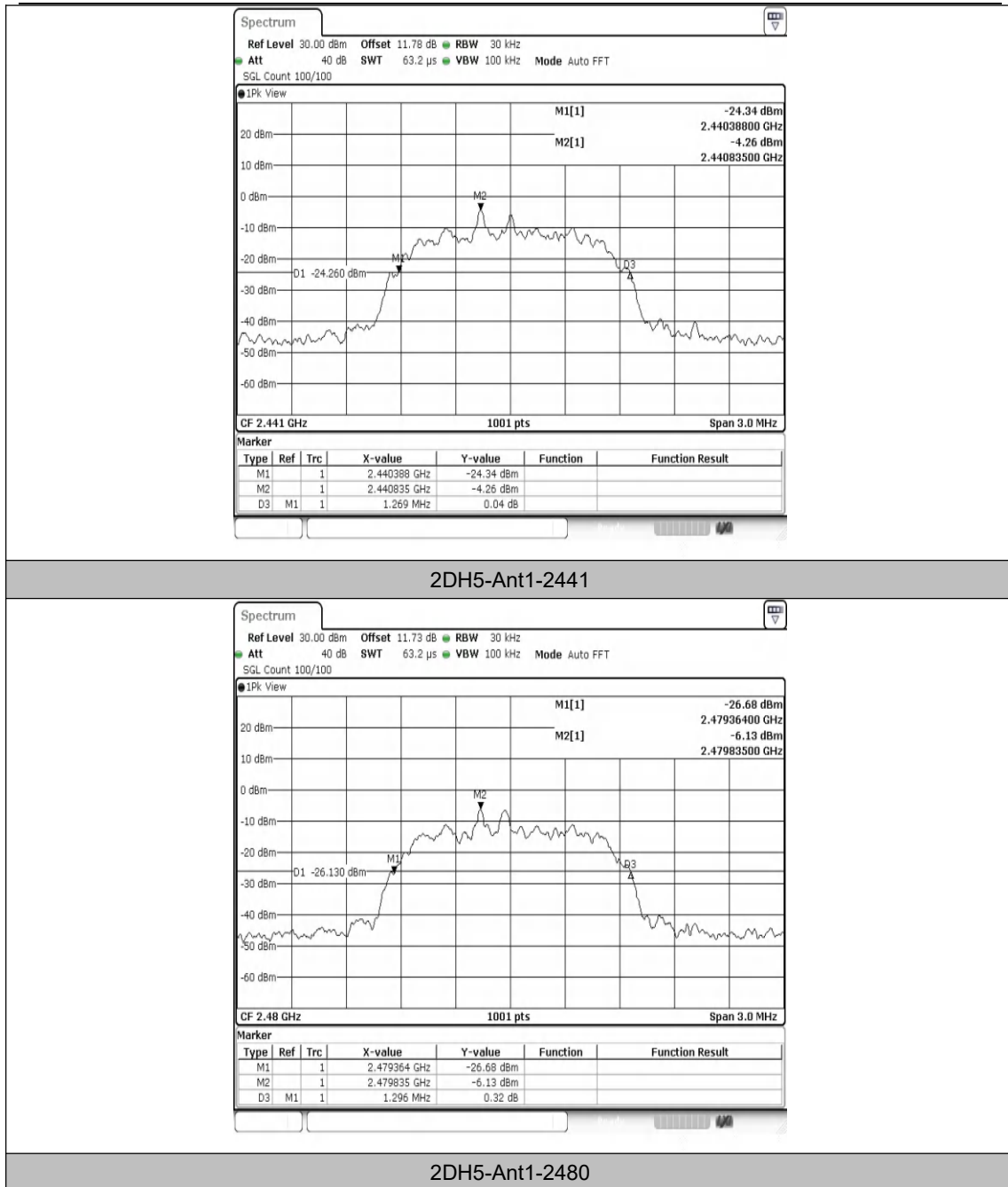
Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.00	2401.49	2402.49	---	---
DH5	Ant1	2441	0.95	2440.54	2441.48	---	---
DH5	Ant1	2480	0.99	2479.50	2480.48	---	---
2DH5	Ant1	2402	1.35	2401.33	2402.68	---	---
2DH5	Ant1	2441	1.27	2440.39	2441.66	---	---
2DH5	Ant1	2480	1.30	2479.36	2480.66	---	---
3DH5	Ant1	2402	1.27	2401.34	2402.61	---	---
3DH5	Ant1	2441	1.30	2440.34	2441.65	---	---
3DH5	Ant1	2480	1.28	2479.34	2480.63	---	---

Test Graphs



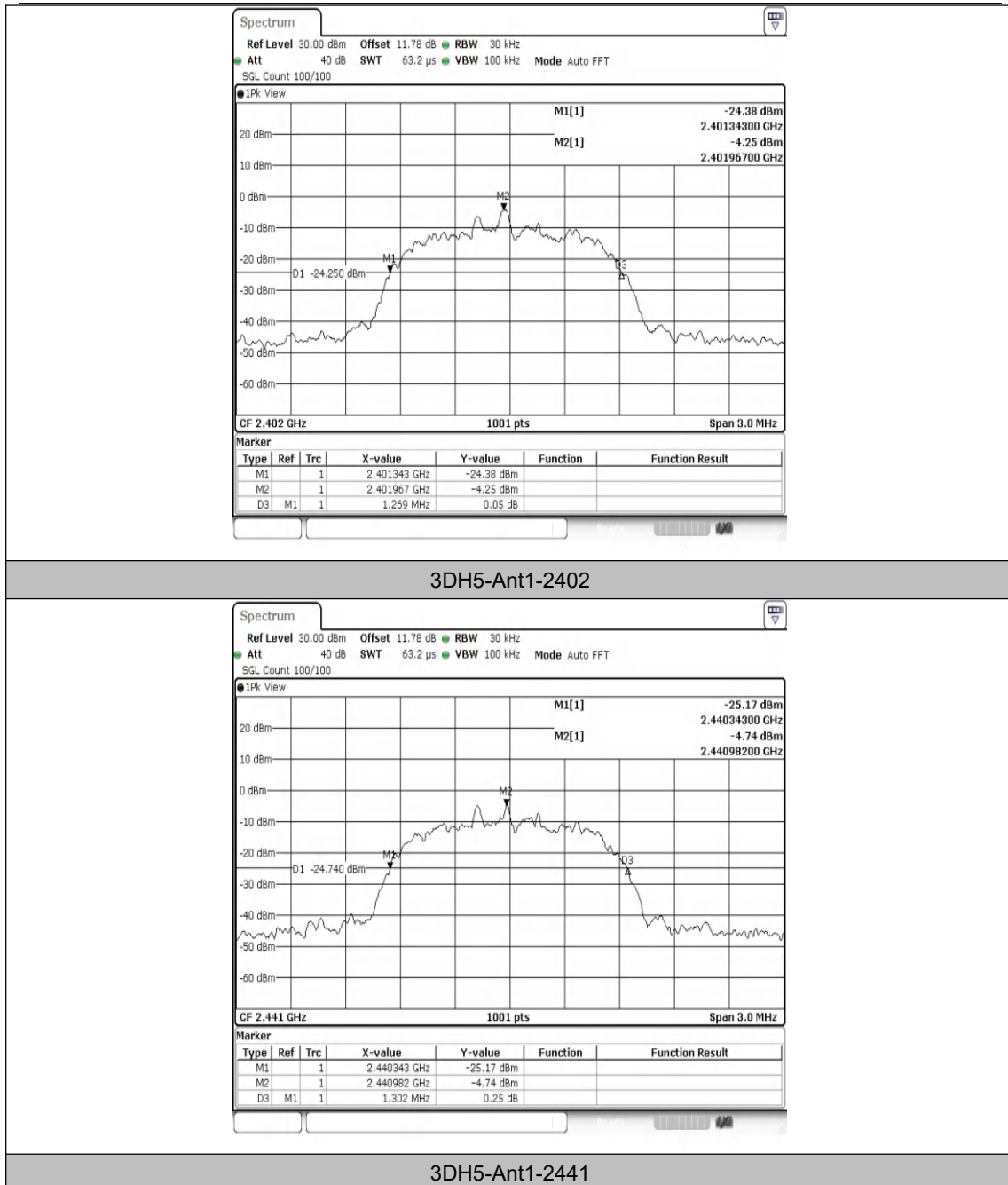


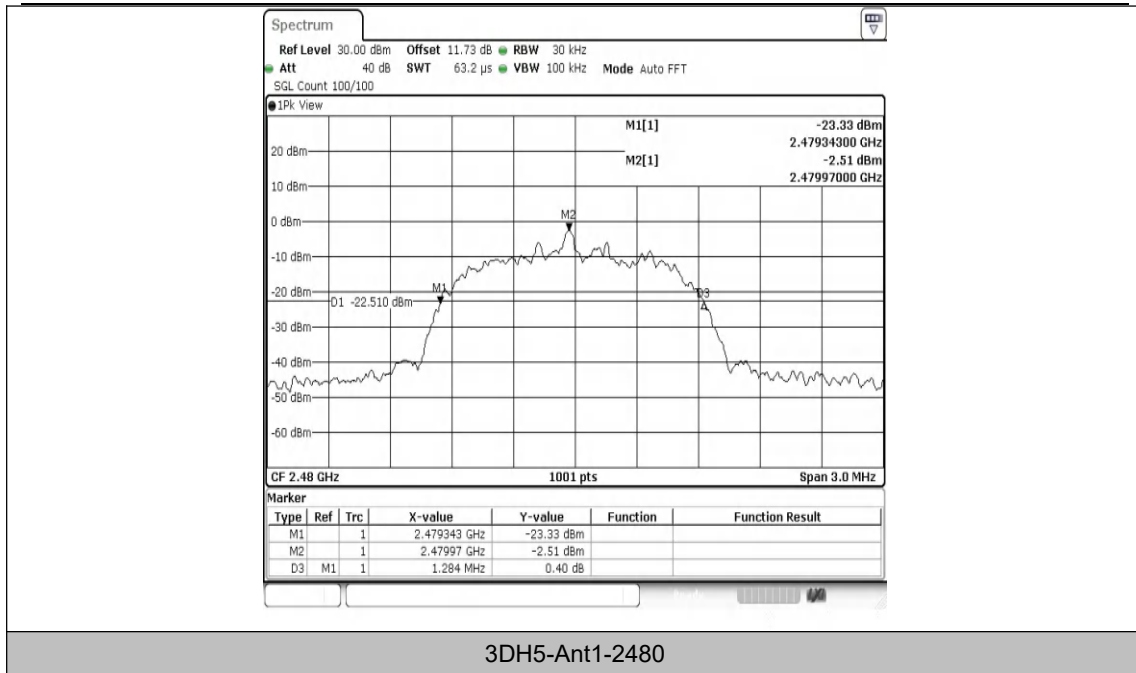


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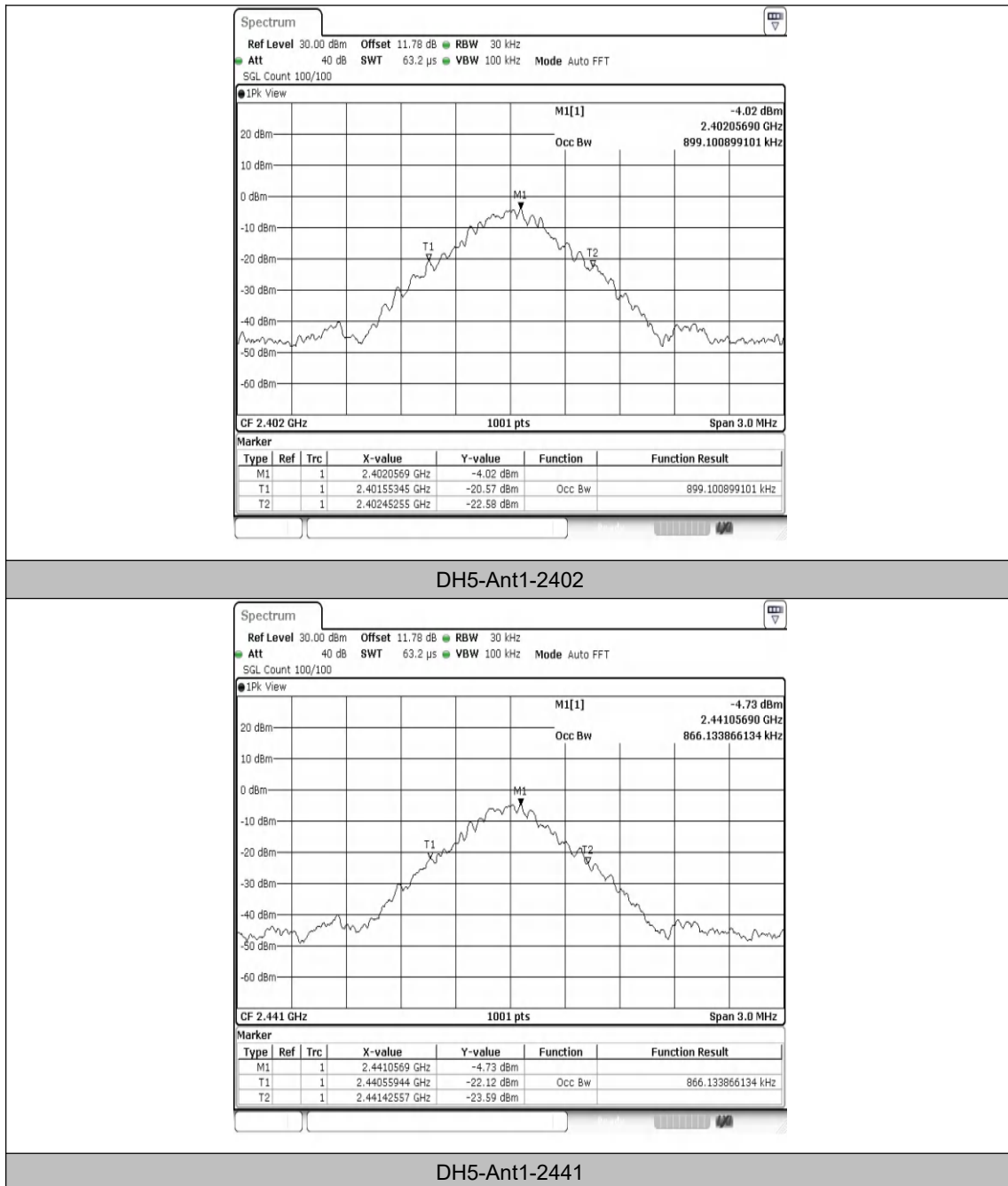
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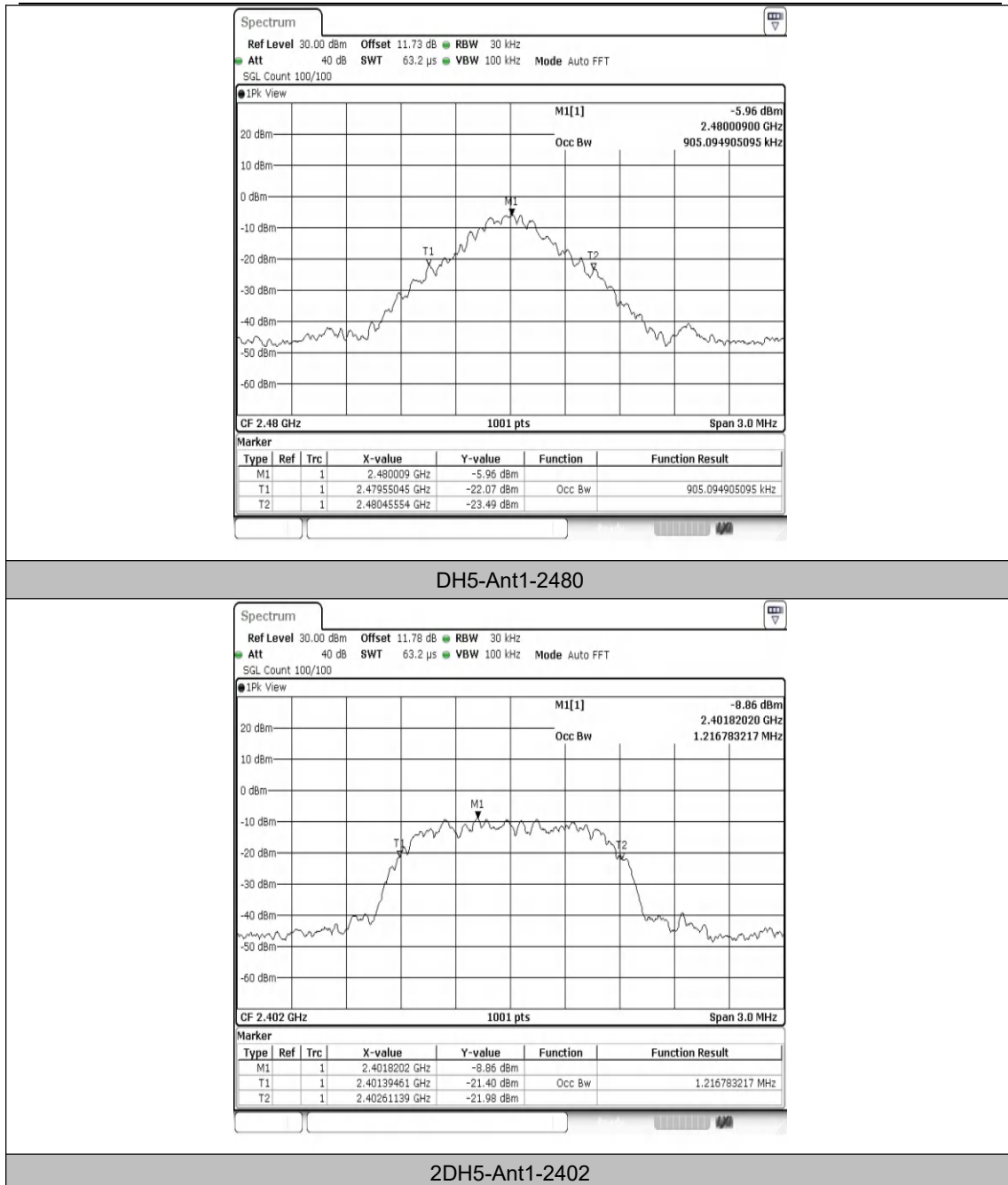
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.899	2401.5534	2402.4525	---	---
DH5	Ant1	2441	0.866	2440.5594	2441.4256	---	---
DH5	Ant1	2480	0.905	2479.5504	2480.4555	---	---
2DH5	Ant1	2402	1.217	2401.3946	2402.6114	---	---
2DH5	Ant1	2441	1.196	2440.4036	2441.5994	---	---
2DH5	Ant1	2480	1.22	2479.3916	2480.6114	---	---
3DH5	Ant1	2402	0.881	2401.5564	2402.4376	---	---
3DH5	Ant1	2441	0.884	2440.5564	2441.4406	---	---
3DH5	Ant1	2480	0.947	2479.5295	2480.4765	---	---

Test Graphs

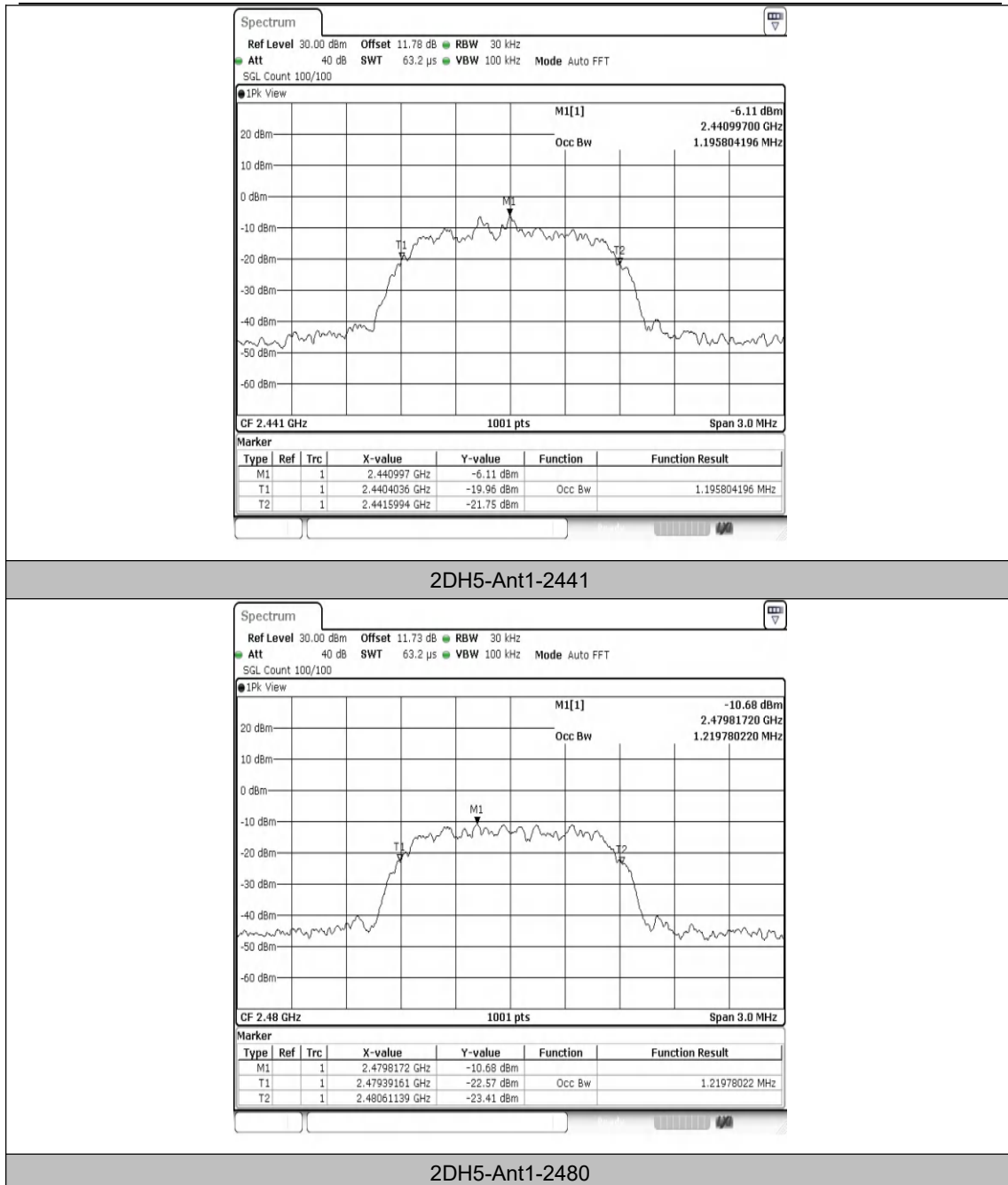




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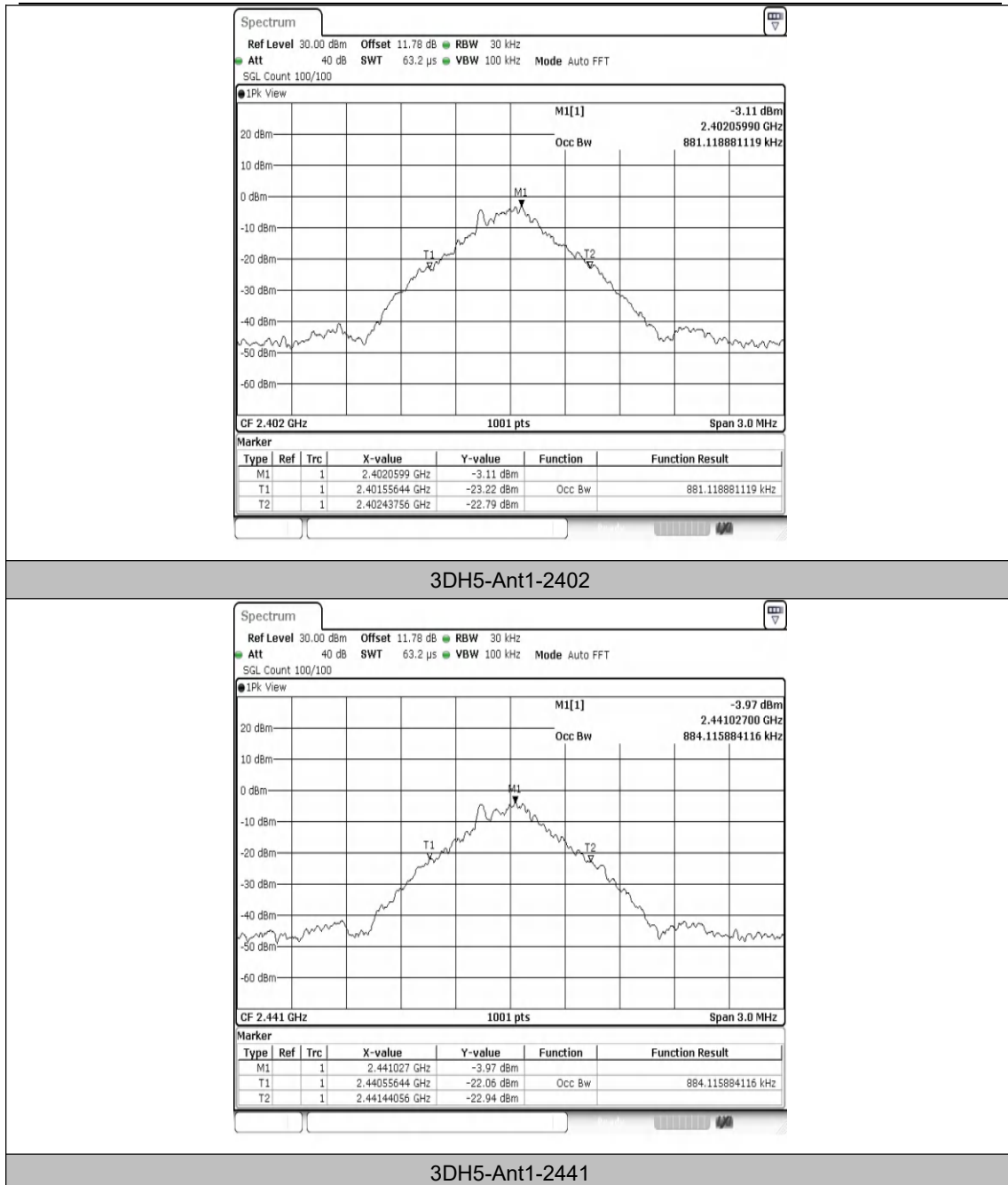
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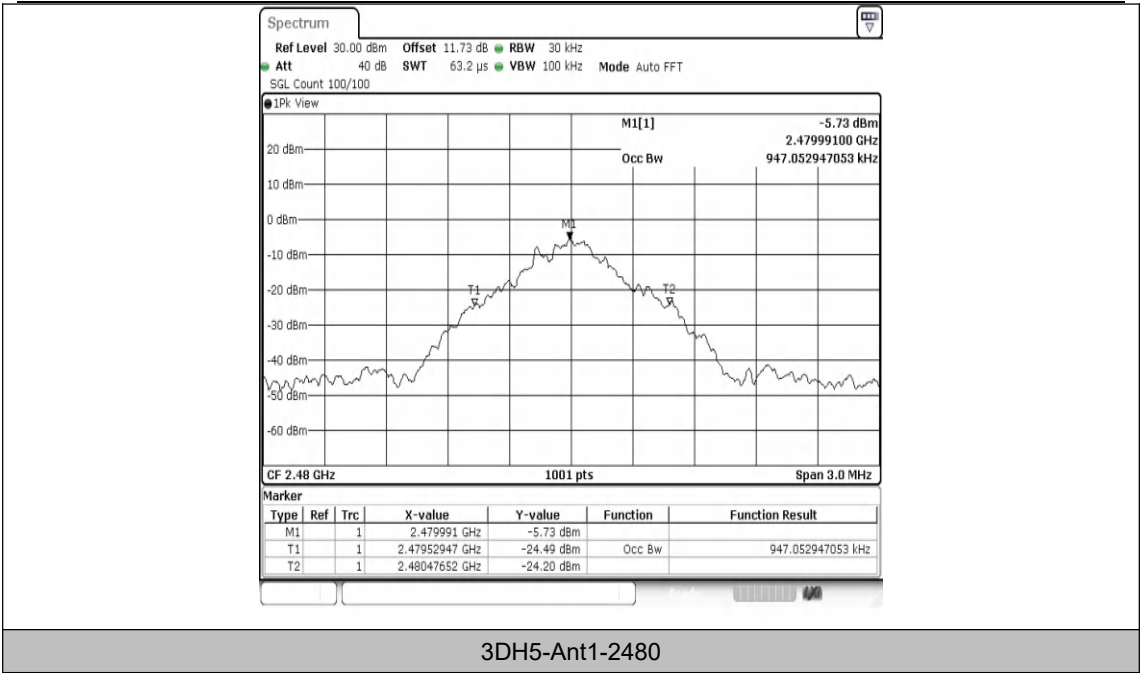


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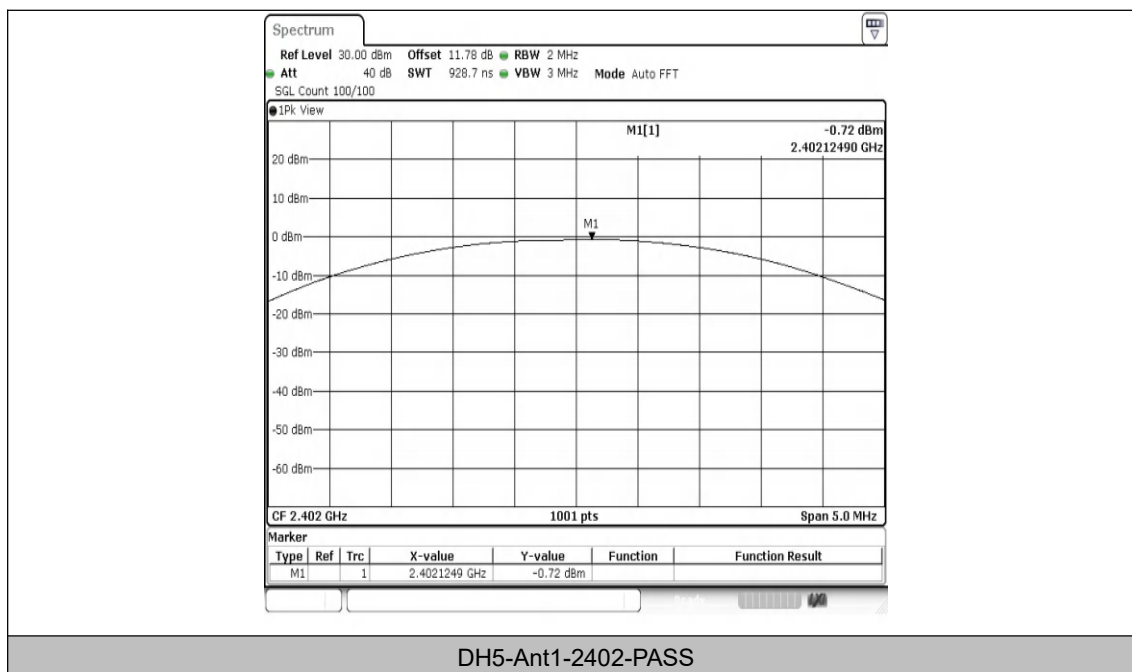
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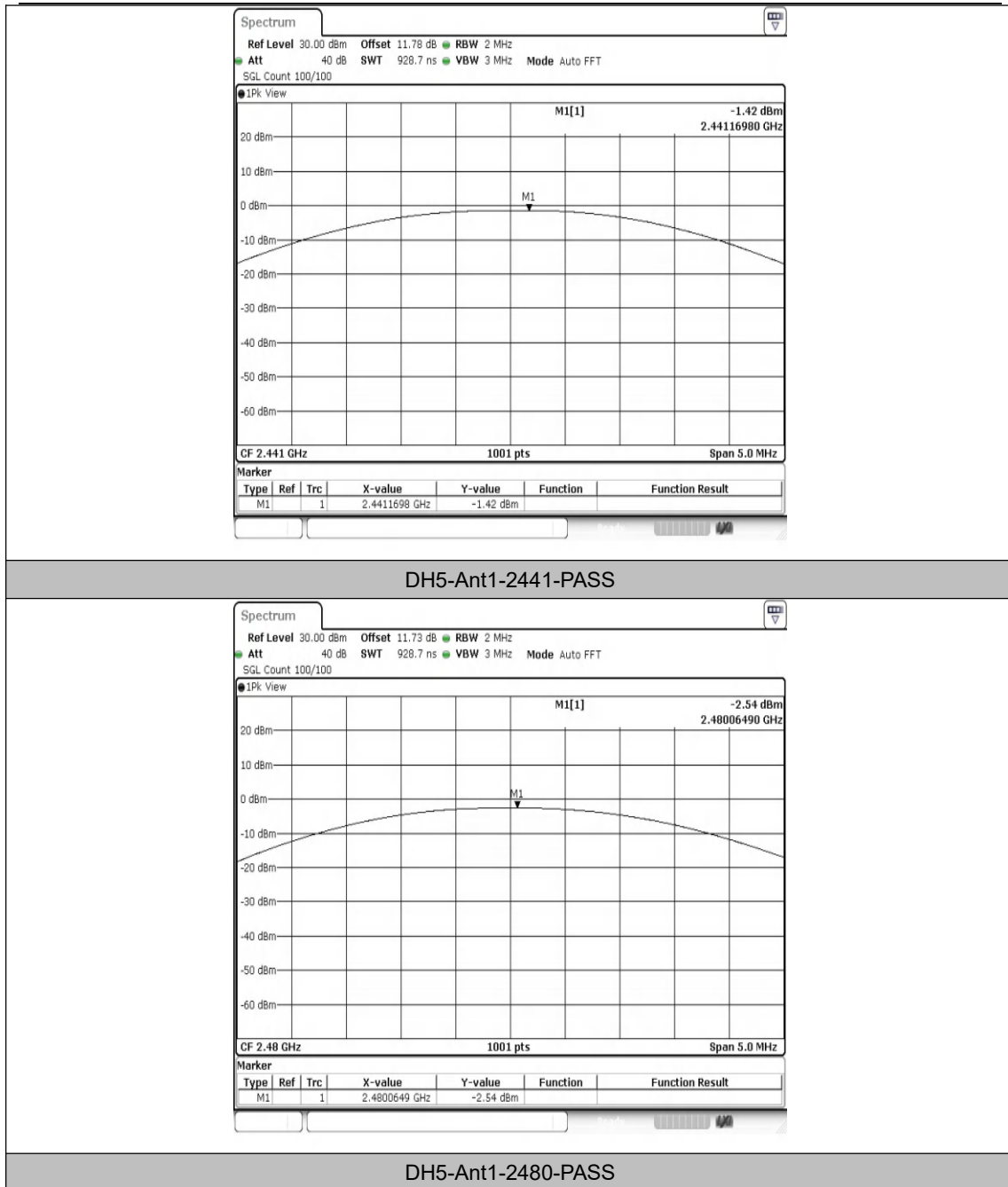
Appendix C: Maximum Conducted Output Power

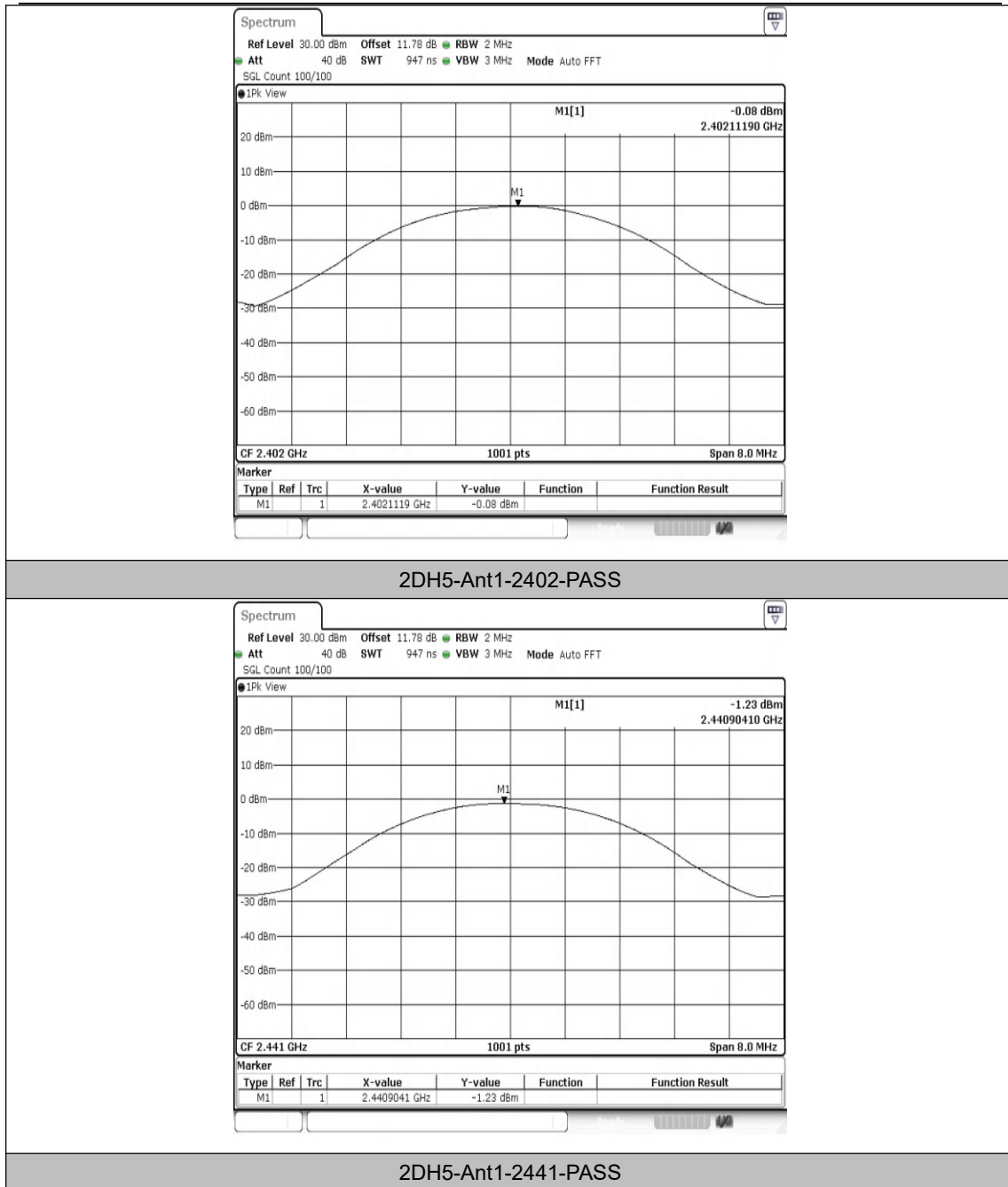
Test Result Peak

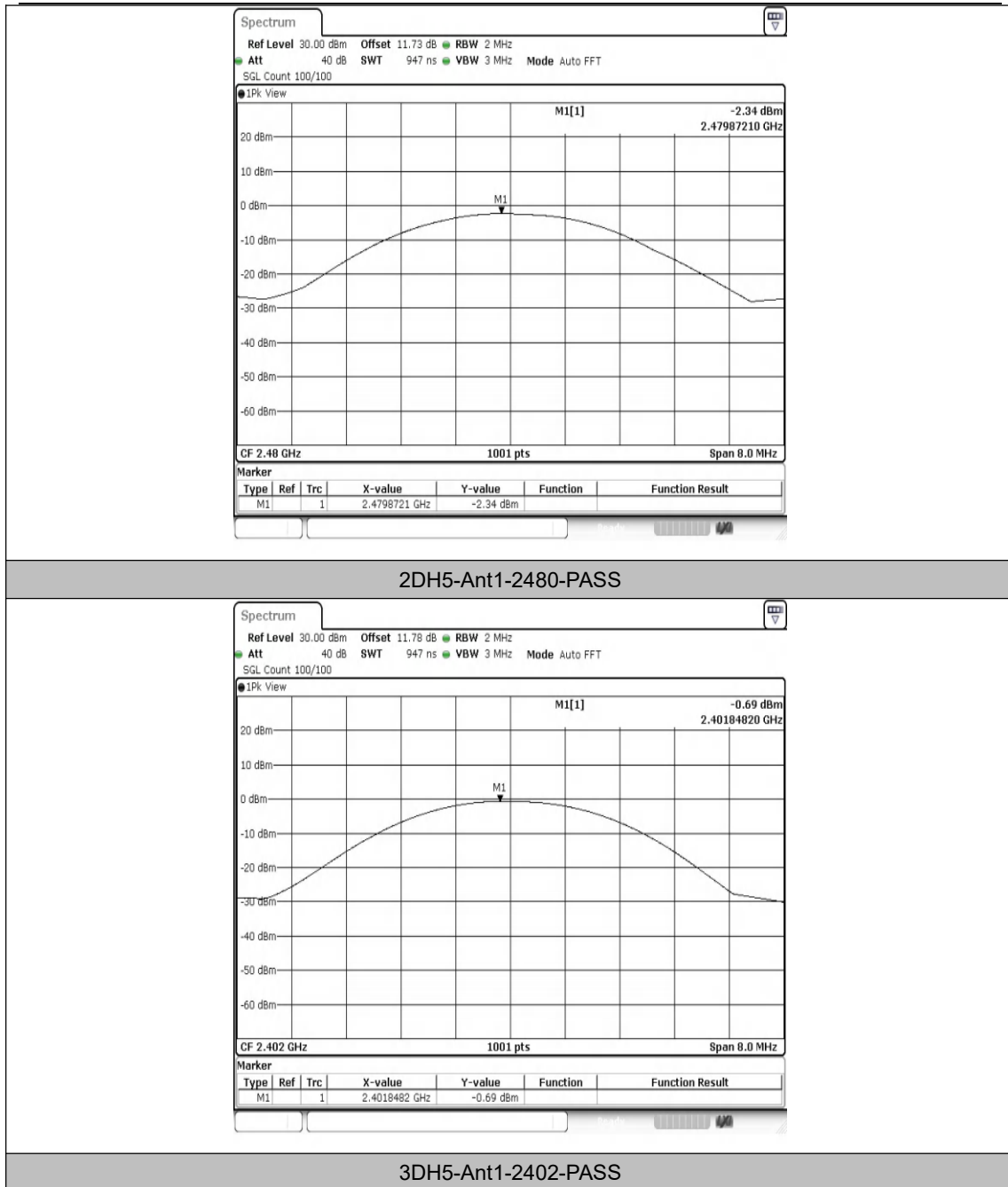
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-0.72	≤20.97	PASS
DH5	Ant1	2441	-1.42	≤20.97	PASS
DH5	Ant1	2480	-2.54	≤20.97	PASS
2DH5	Ant1	2402	-0.08	≤20.97	PASS
2DH5	Ant1	2441	-1.23	≤20.97	PASS
2DH5	Ant1	2480	-2.34	≤20.97	PASS
3DH5	Ant1	2402	-0.69	≤20.97	PASS
3DH5	Ant1	2441	-1.28	≤20.97	PASS
3DH5	Ant1	2480	-2.32	≤20.97	PASS

Test Graphs





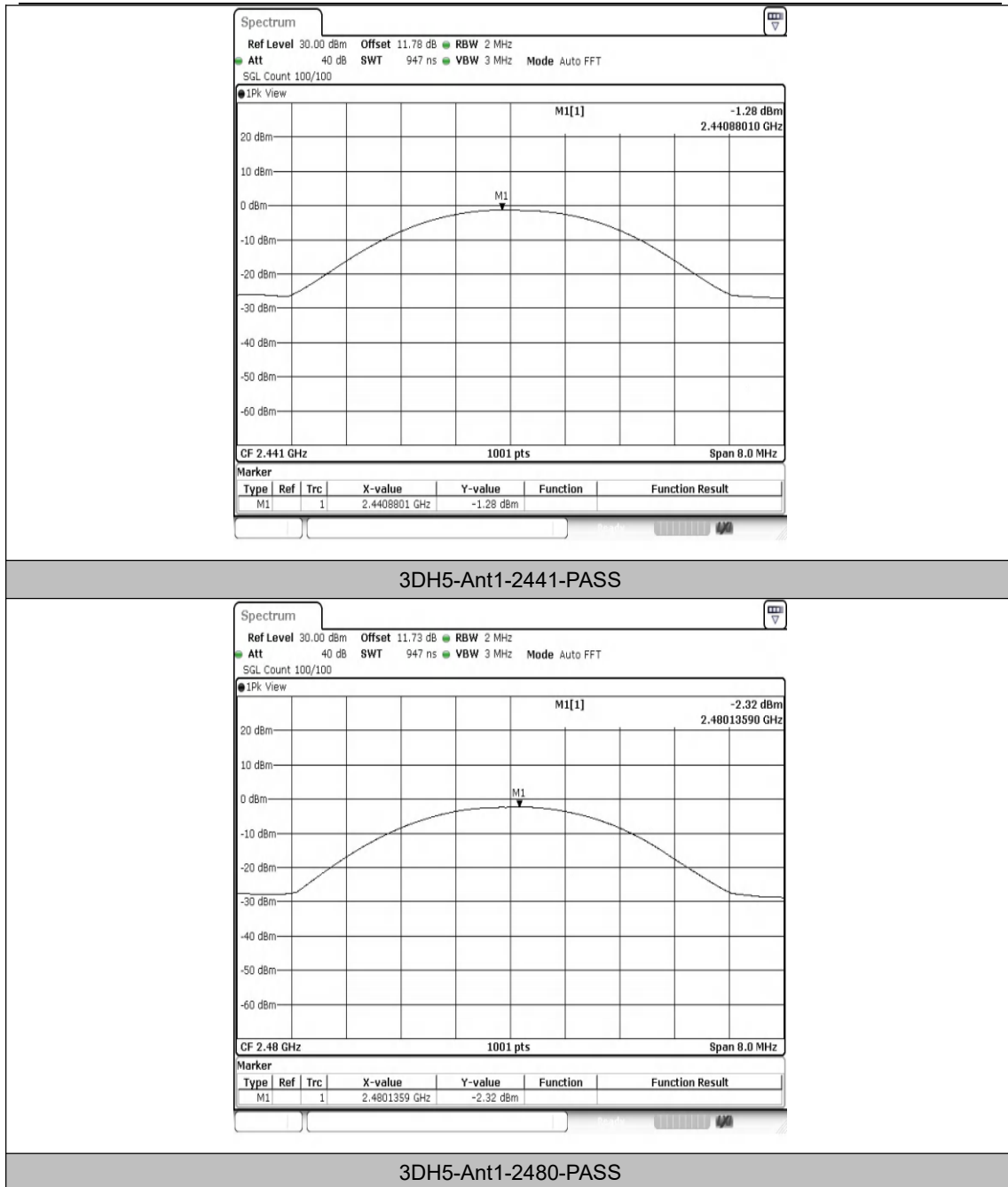




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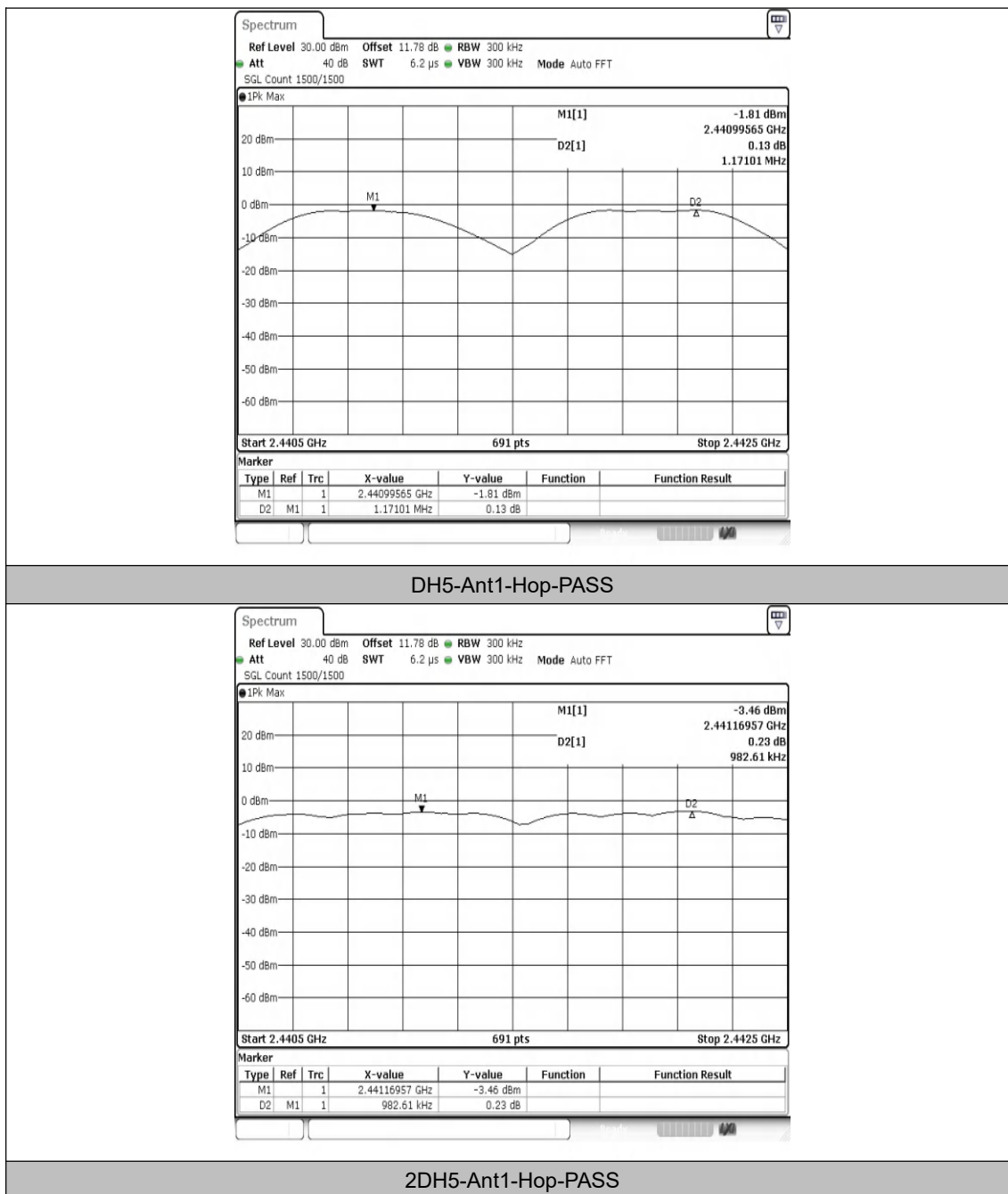


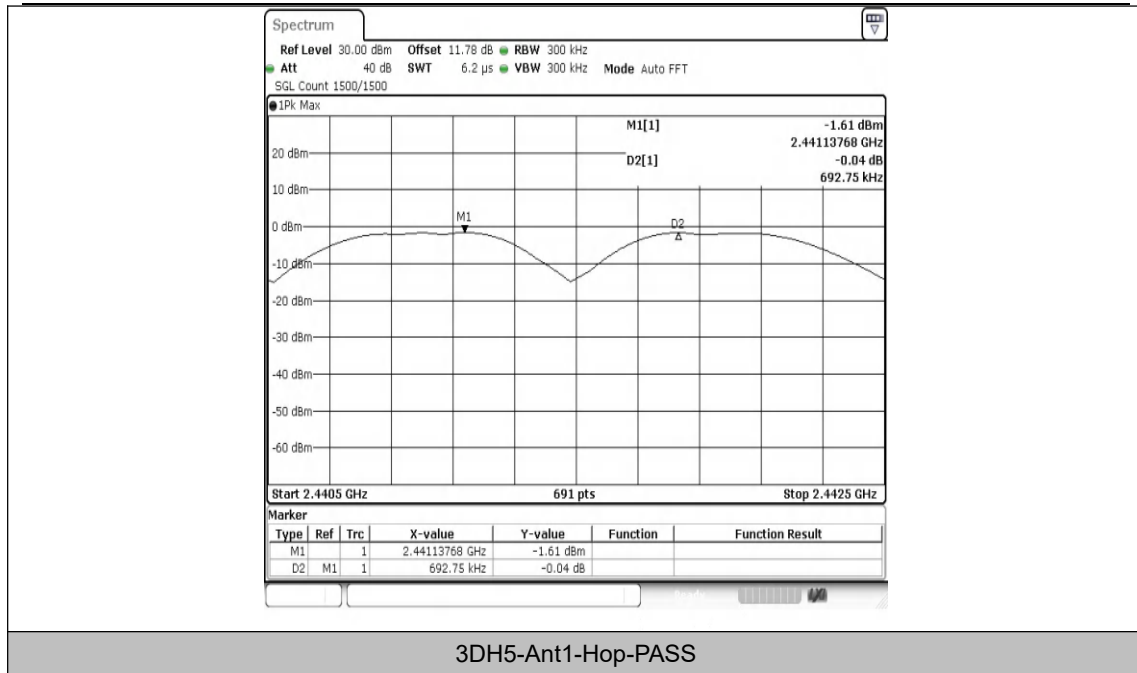
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.171	≥1.000	PASS
2DH5	Ant1	Hop	0.983	≥0.900	PASS
3DH5	Ant1	Hop	0.693	≥0.673	PASS

Test Graphs





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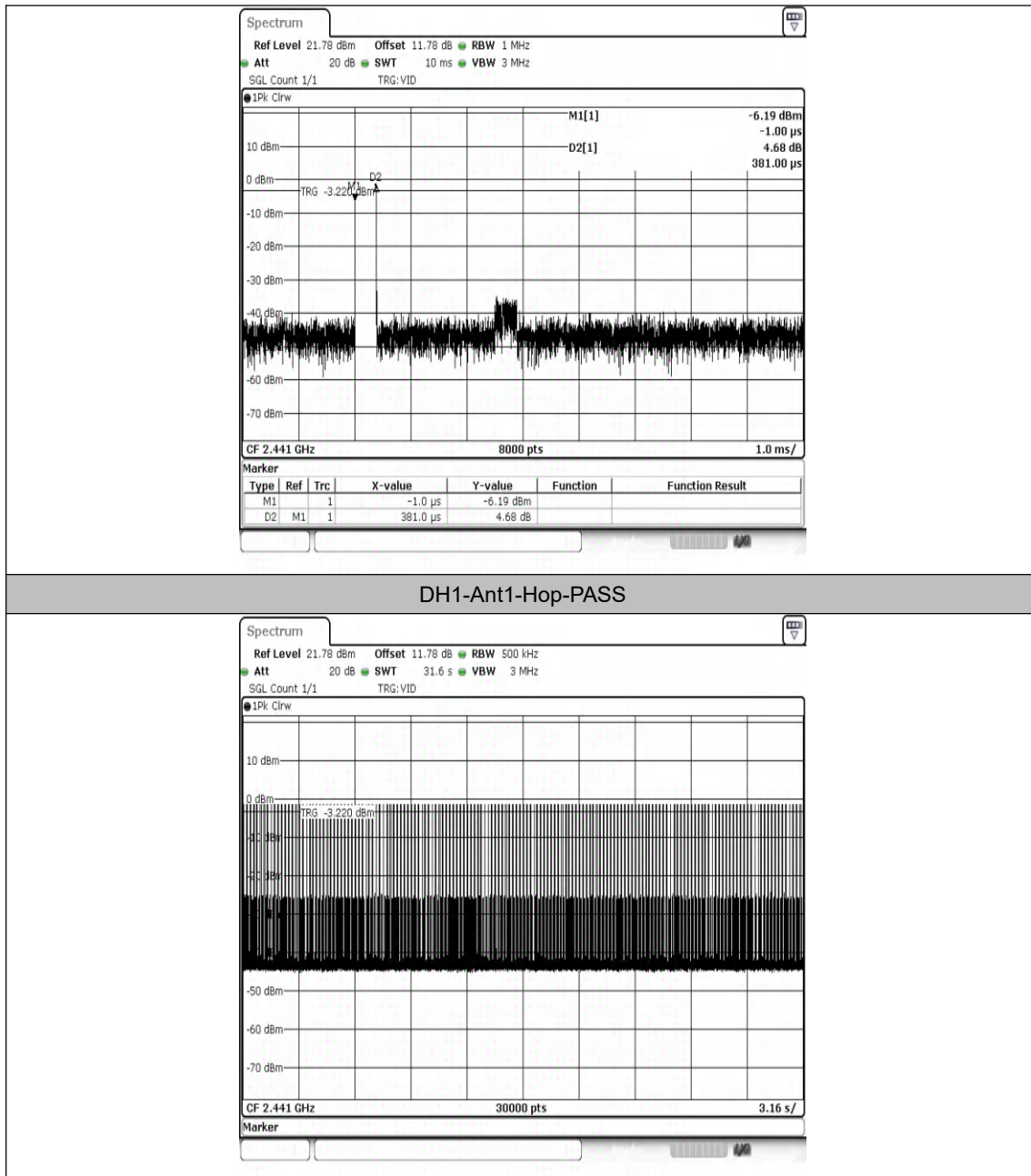
Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH1	Ant1	Hop	0.381	316	0.12	≤0.4	PASS
DH3	Ant1	Hop	1.638	162	0.265	≤0.4	PASS
DH5	Ant1	Hop	2.885	102	0.294	≤0.4	PASS
2DH1	Ant1	Hop	0.391	317	0.124	≤0.4	PASS
2DH3	Ant1	Hop	1.643	164	0.269	≤0.4	PASS
2DH5	Ant1	Hop	2.892	112	0.324	≤0.4	PASS
3DH1	Ant1	Hop	0.391	318	0.124	≤0.4	PASS
3DH3	Ant1	Hop	1.613	160	0.258	≤0.4	PASS
3DH5	Ant1	Hop	2.360	103	0.243	≤0.4	PASS



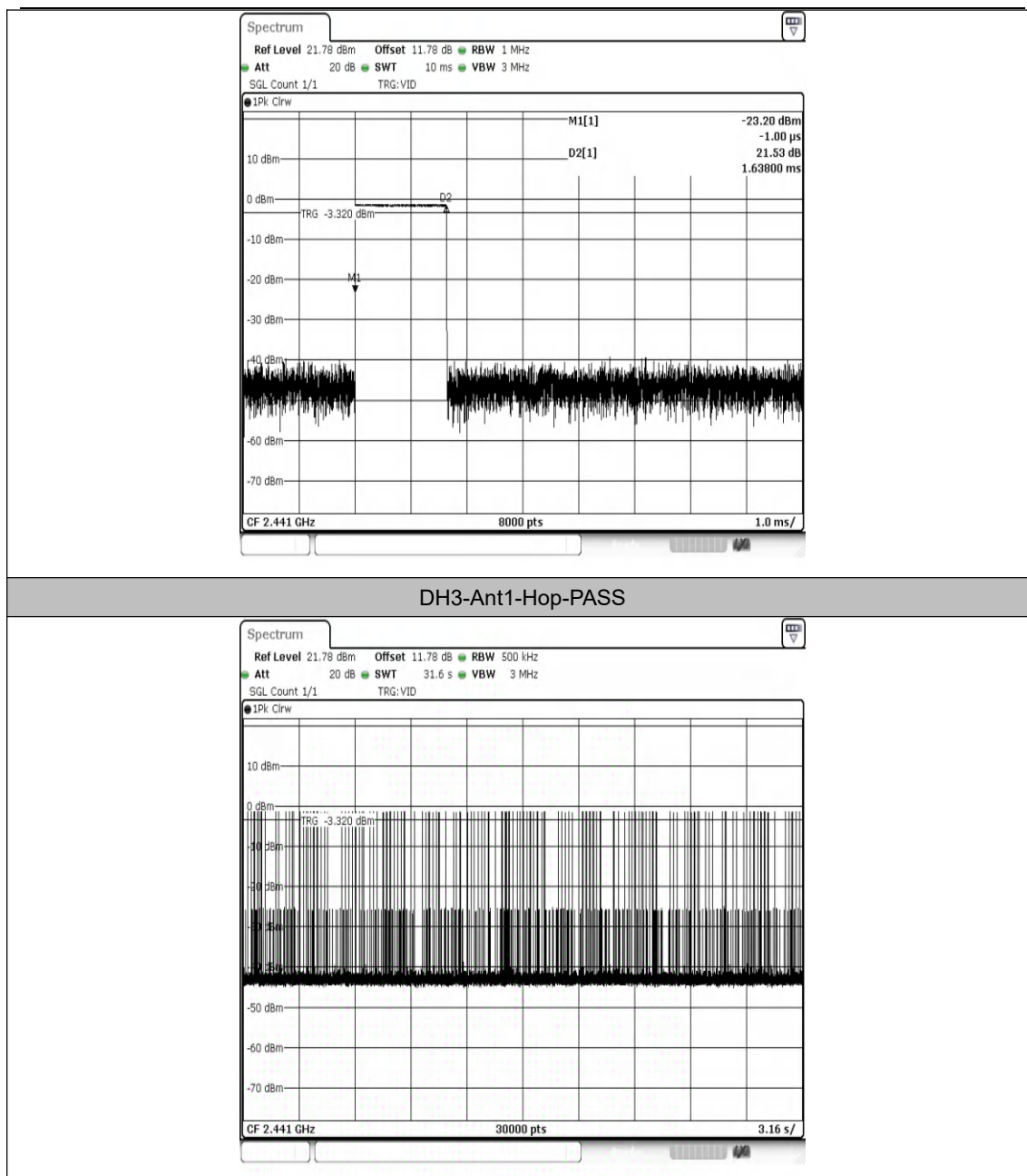
Test Graphs

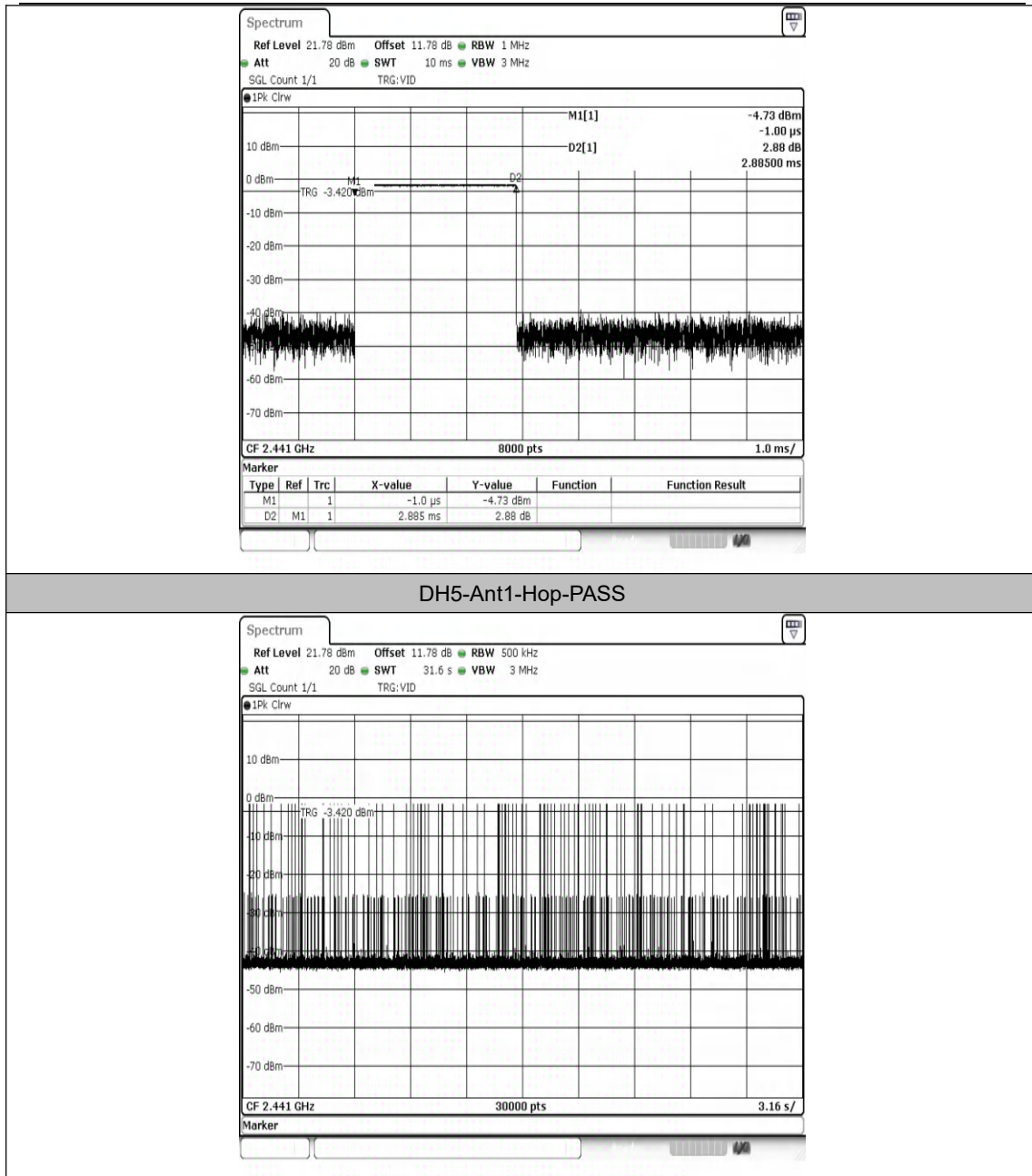


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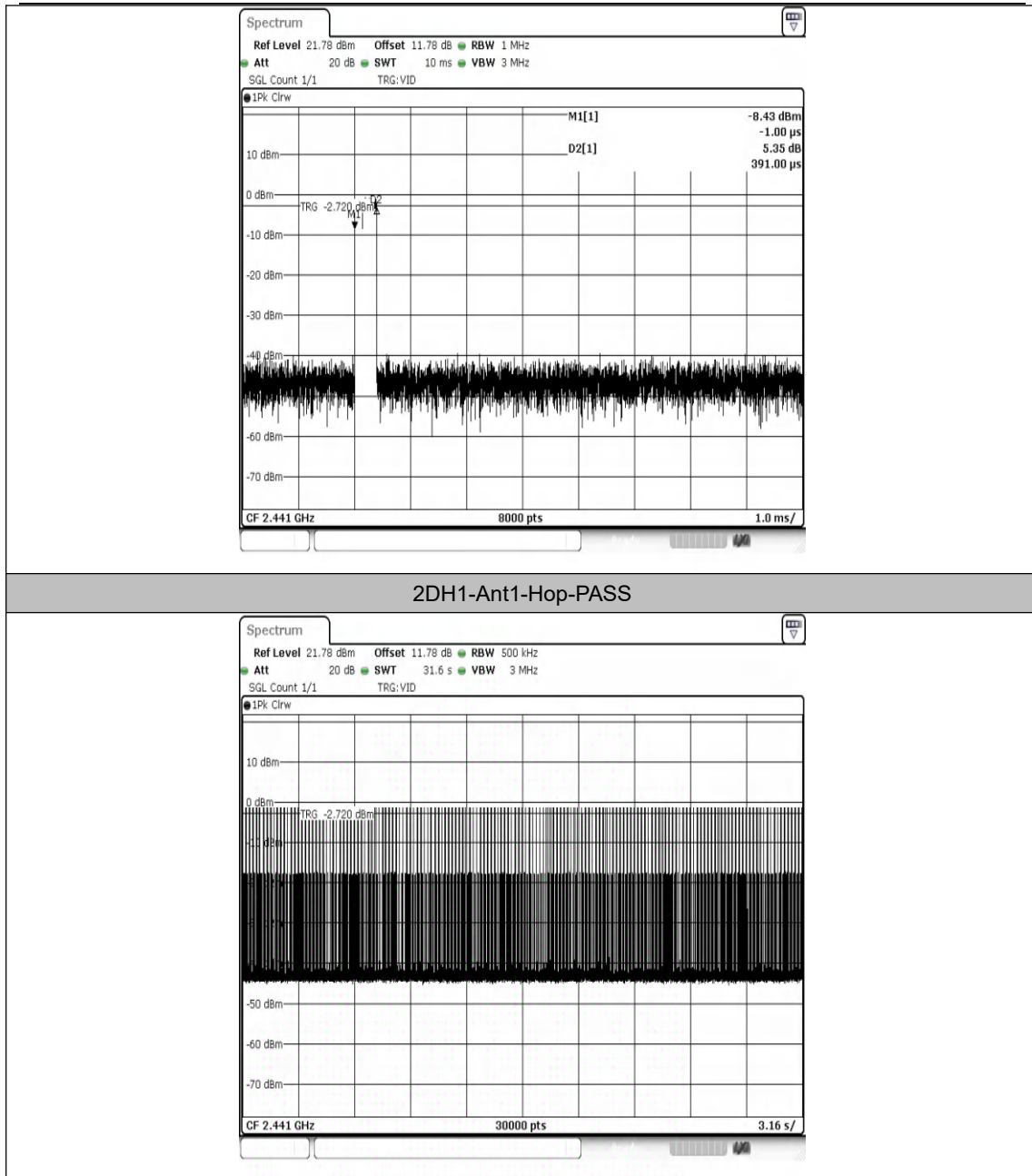




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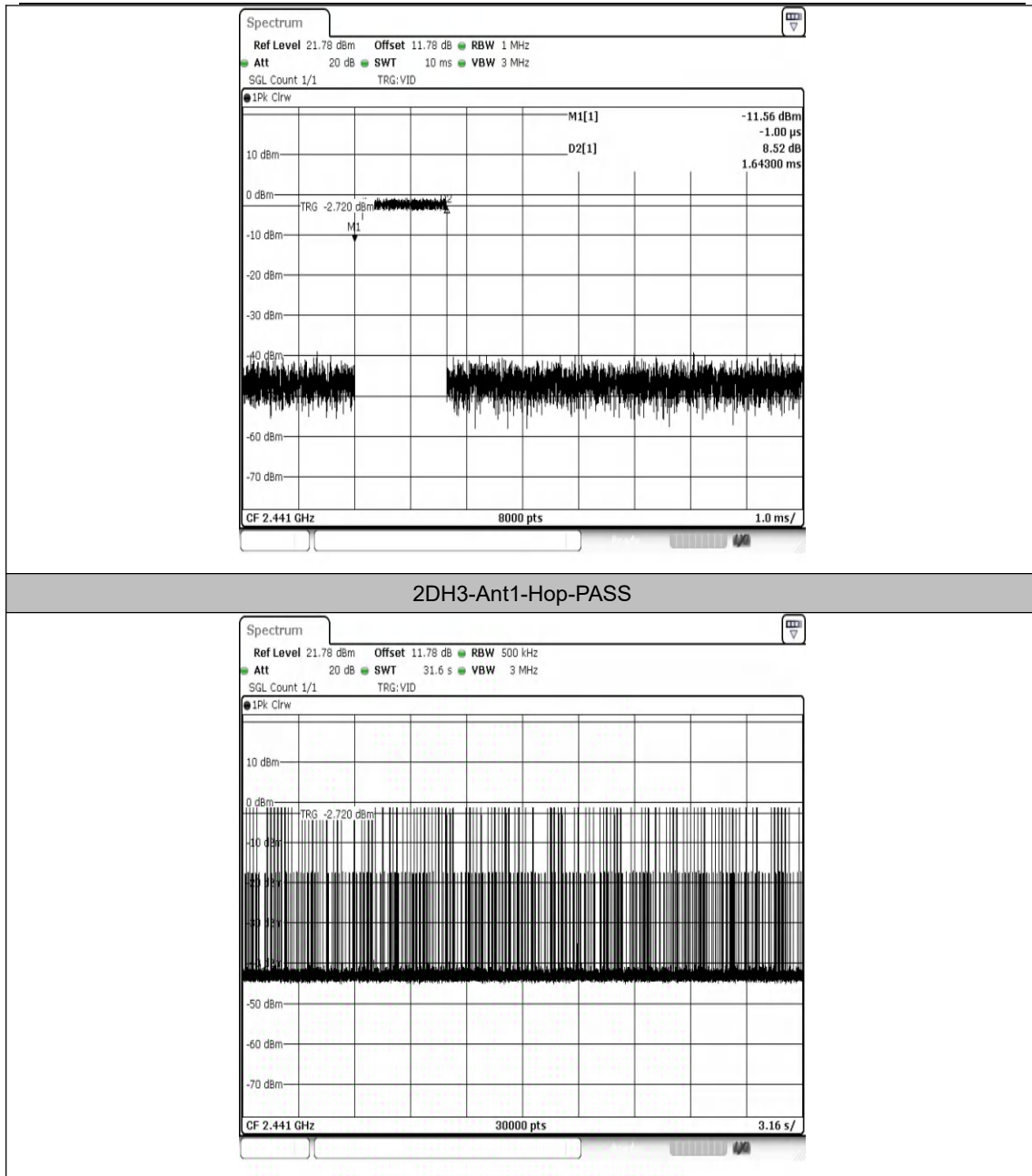
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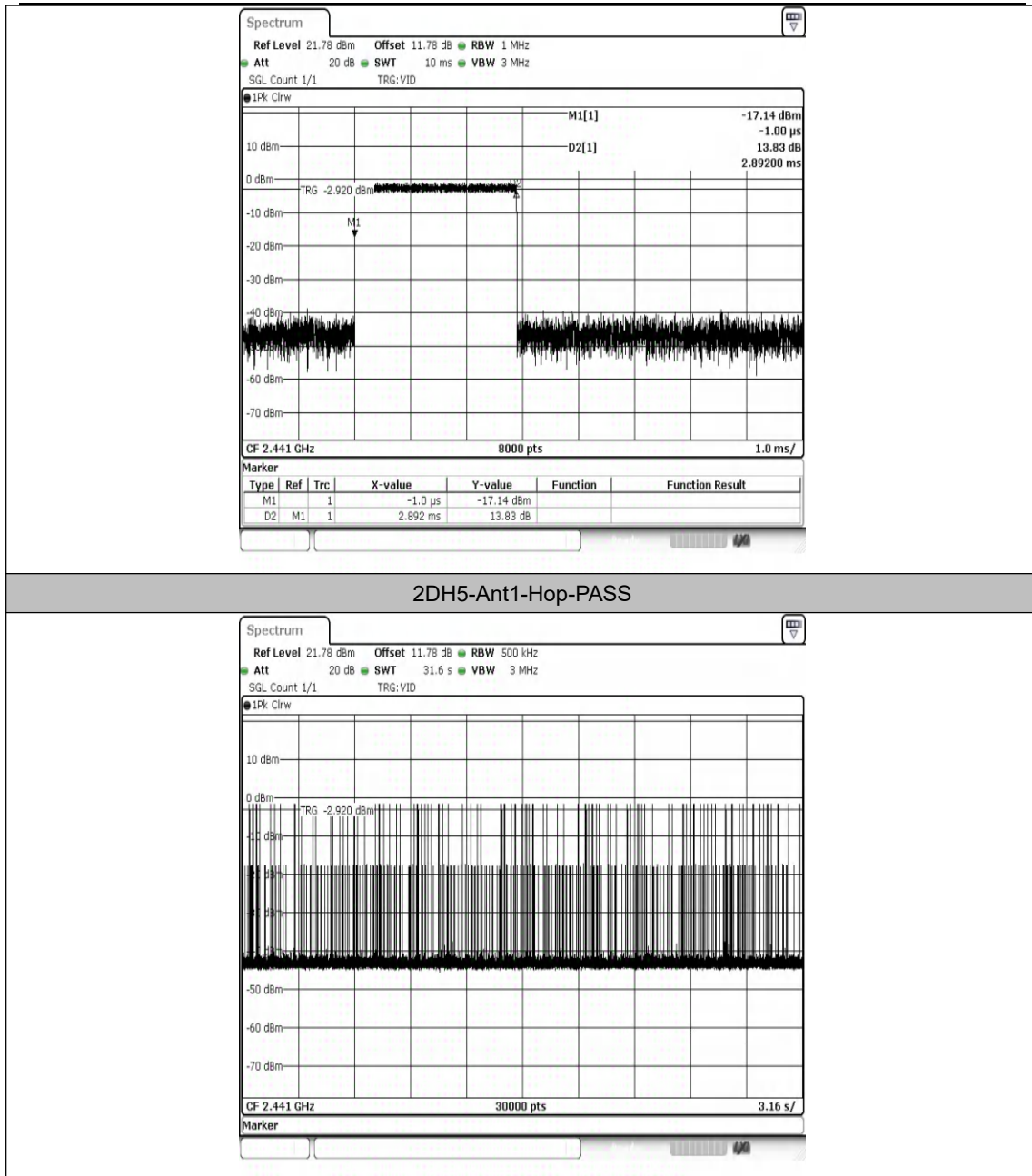
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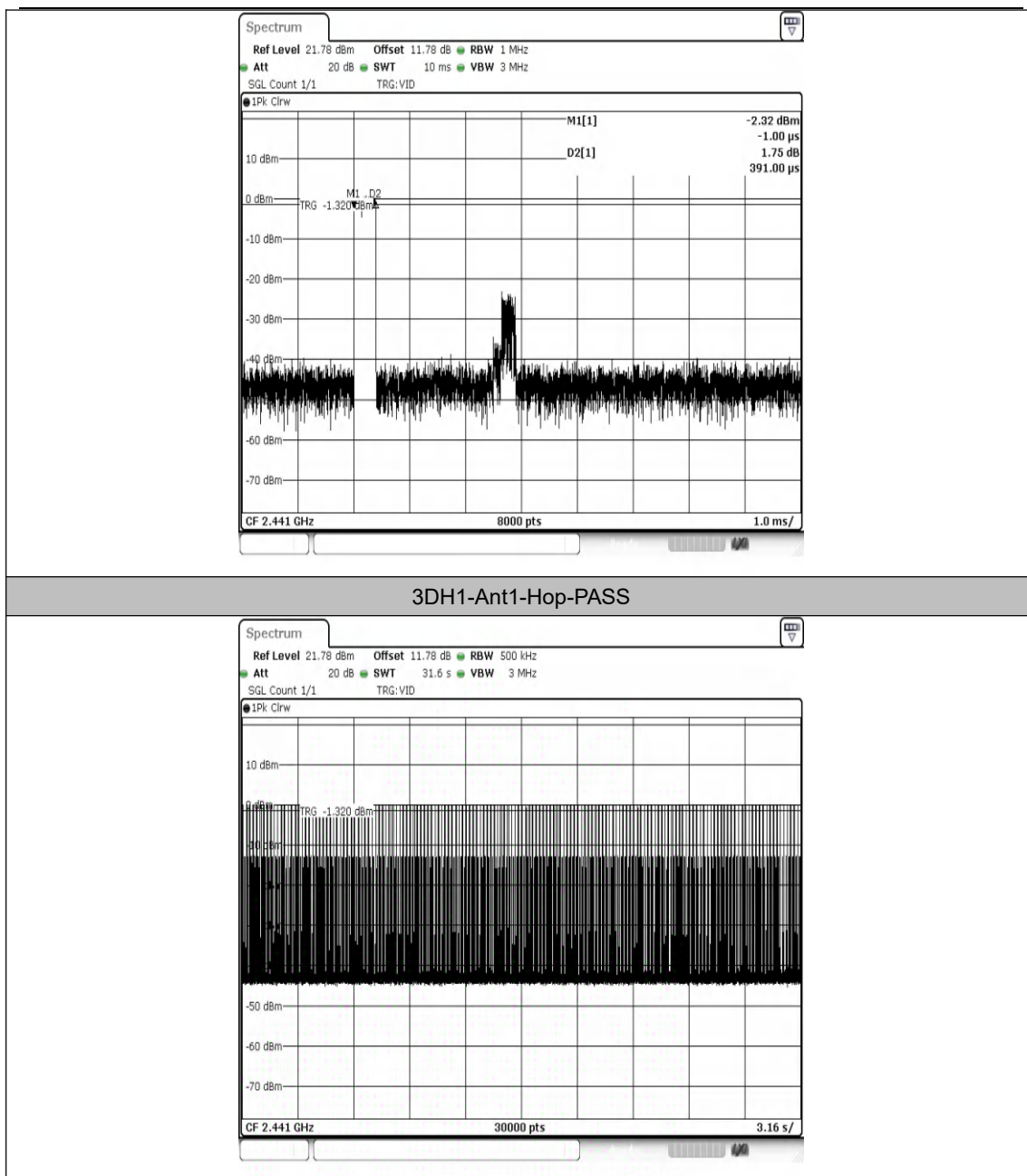
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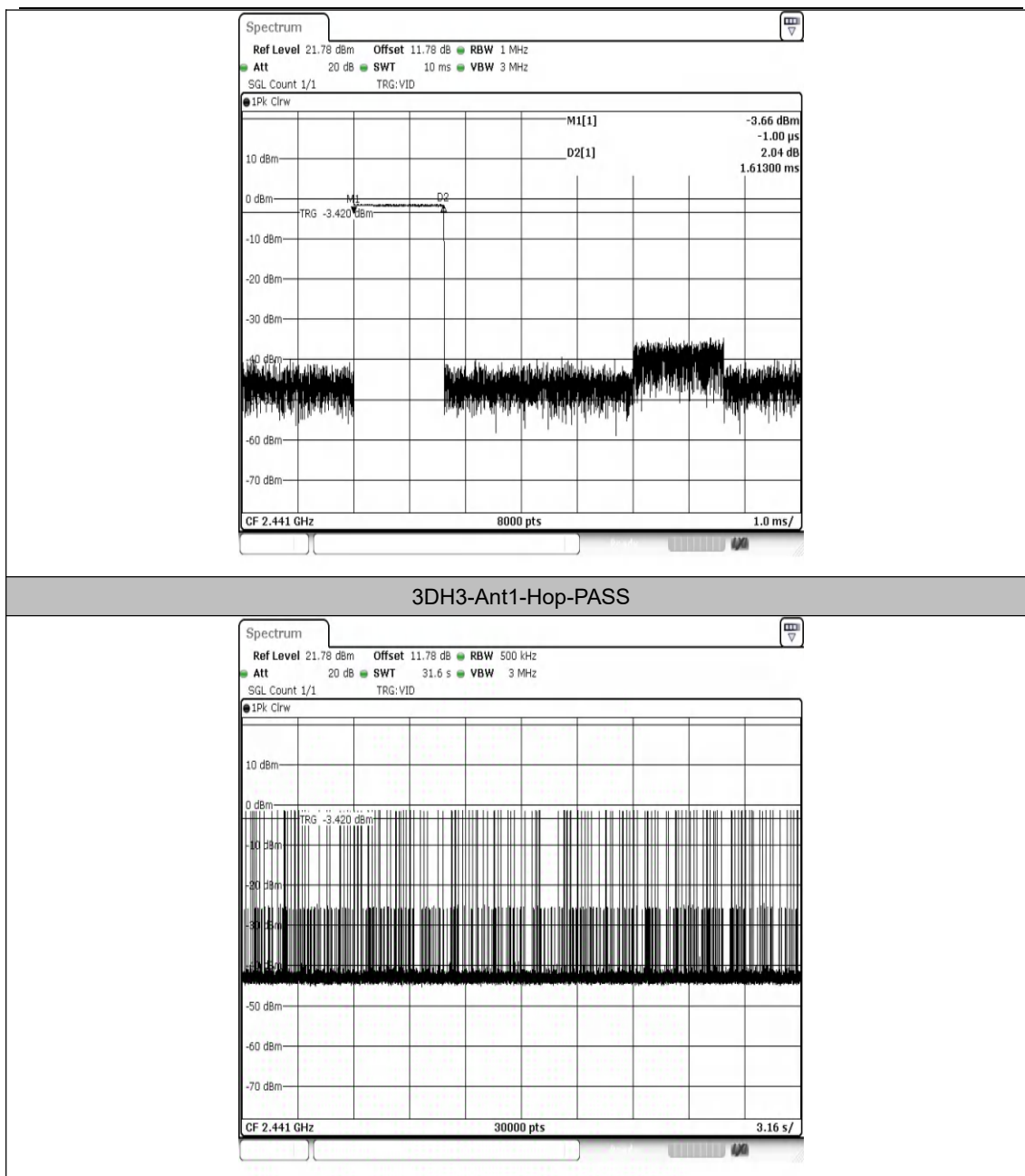


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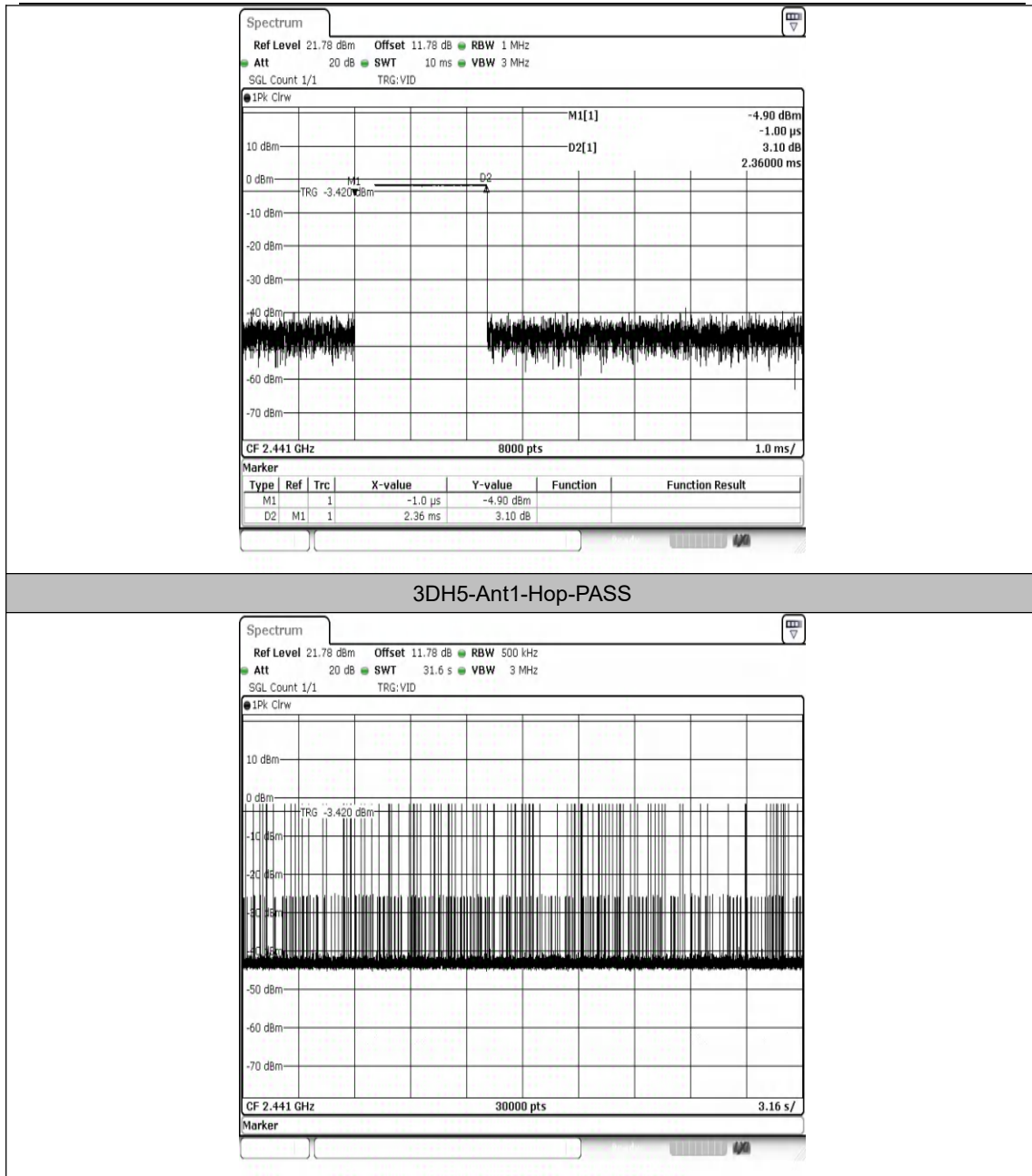




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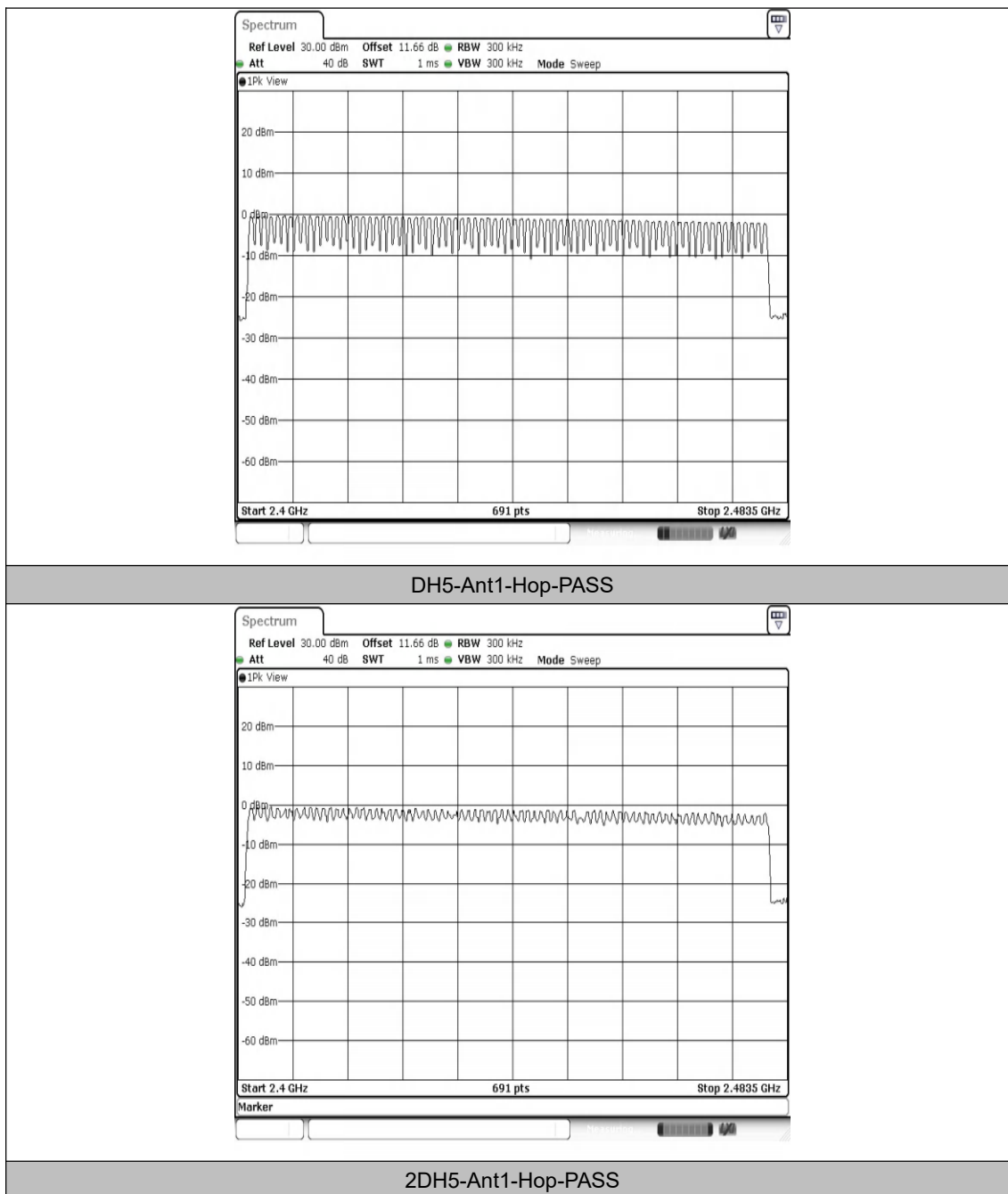
Appendix F: Number of Hopping Channel

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



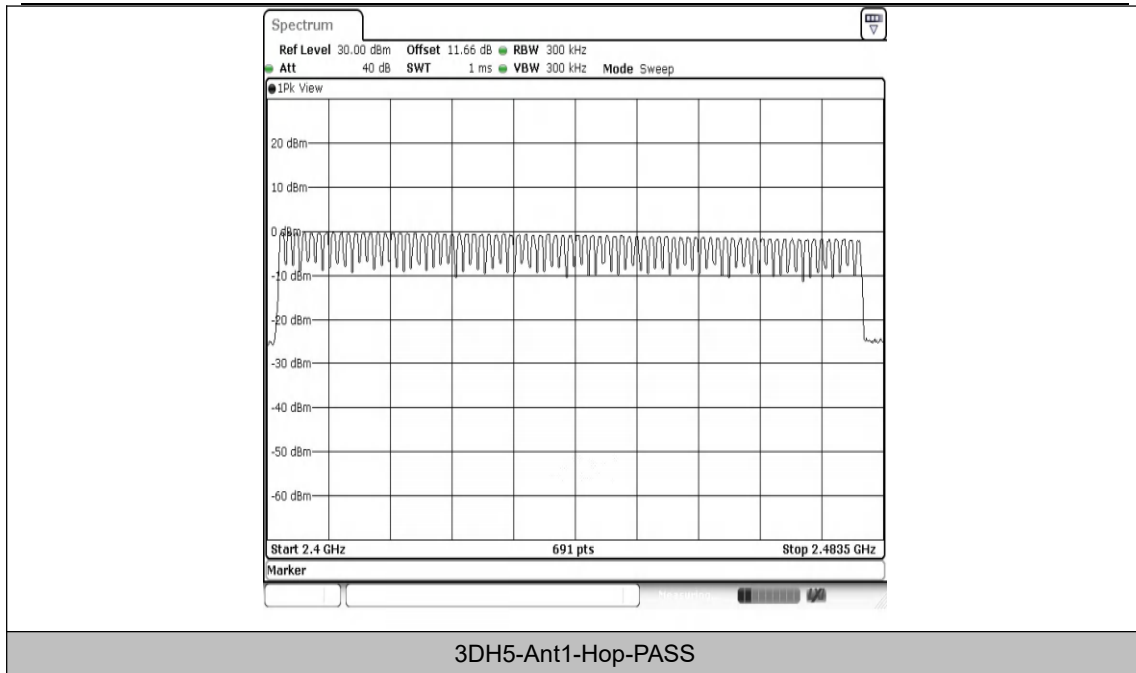
Test Graphs



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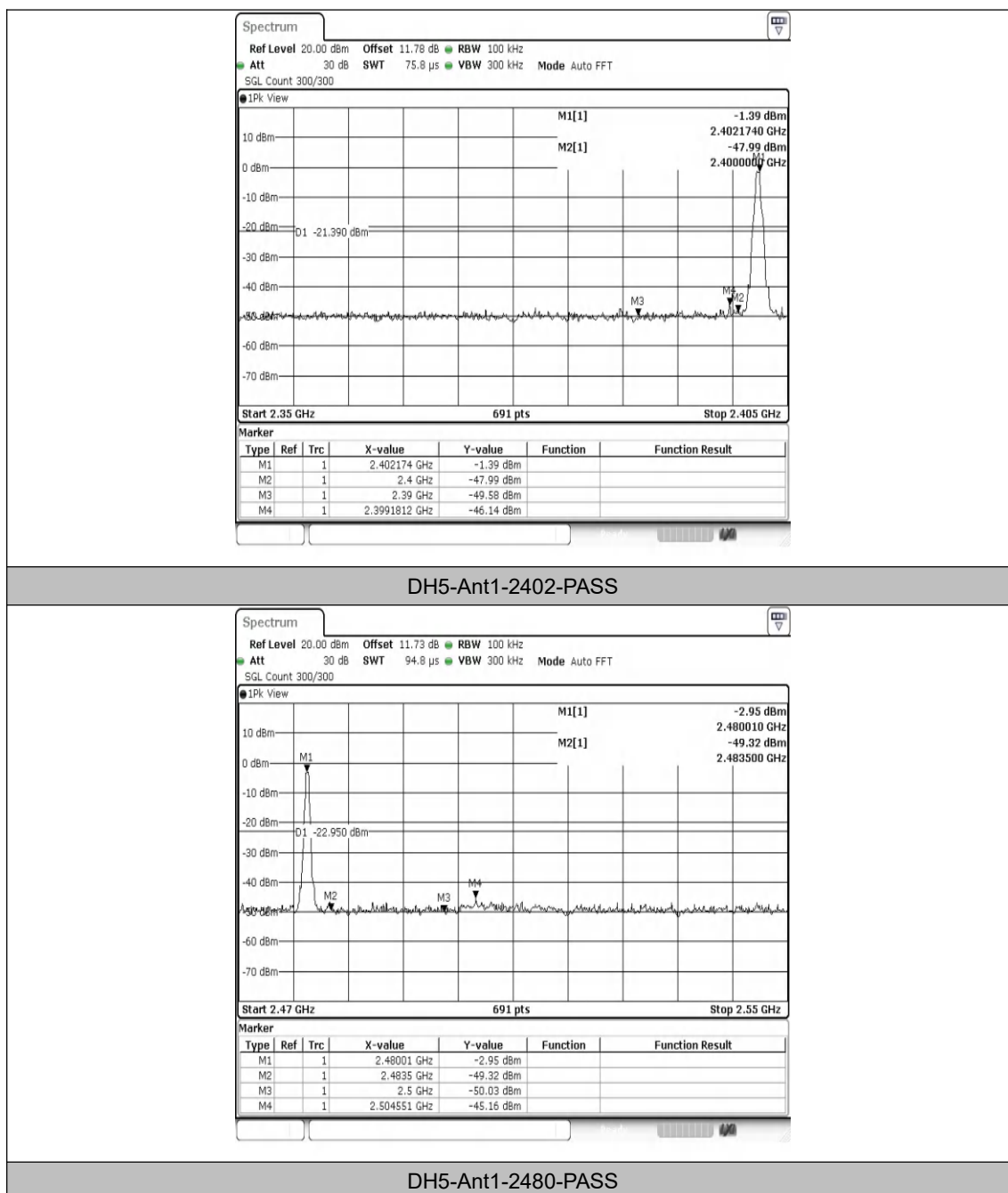
Appendix G: Conducted Band edge

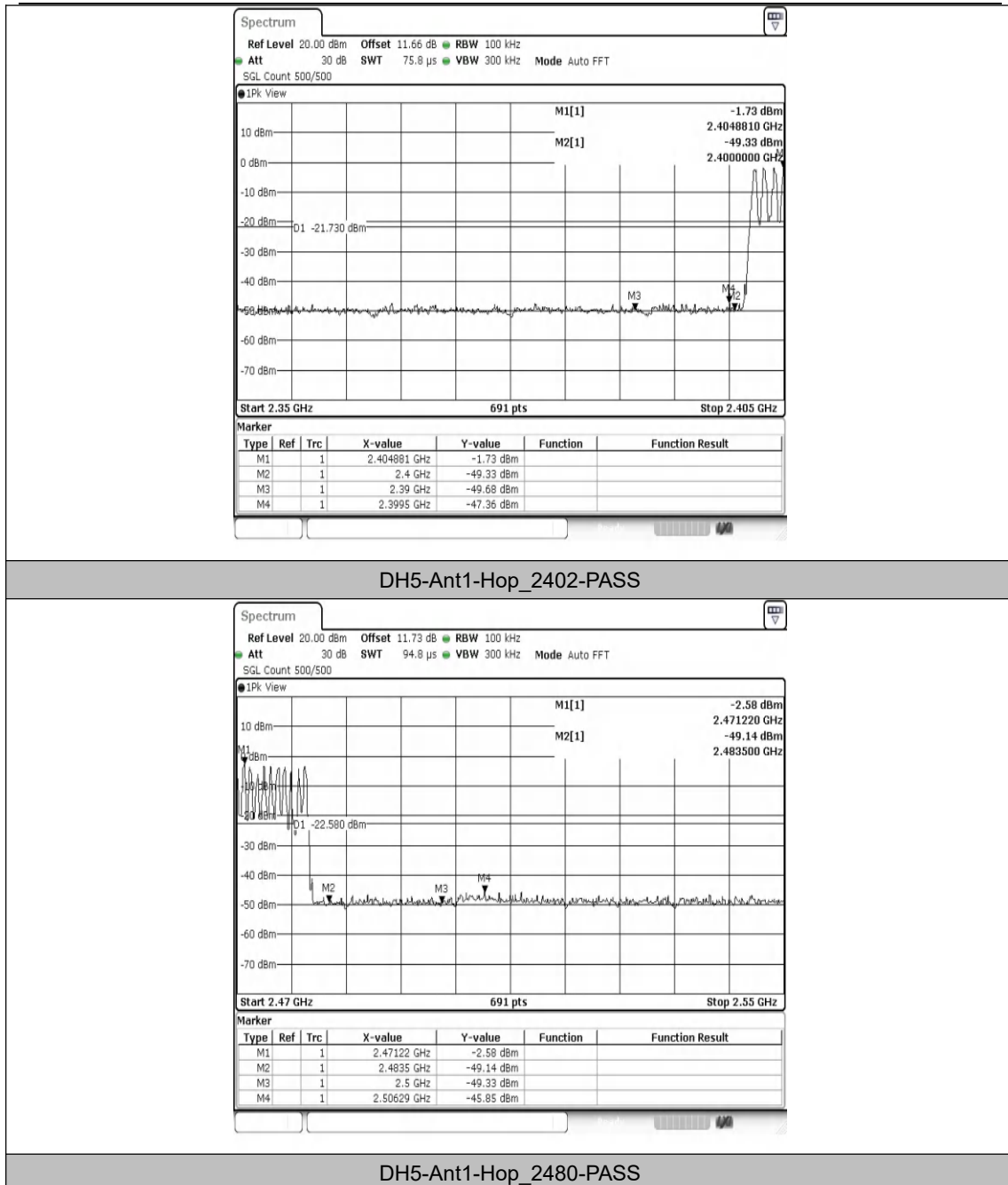
Test Result

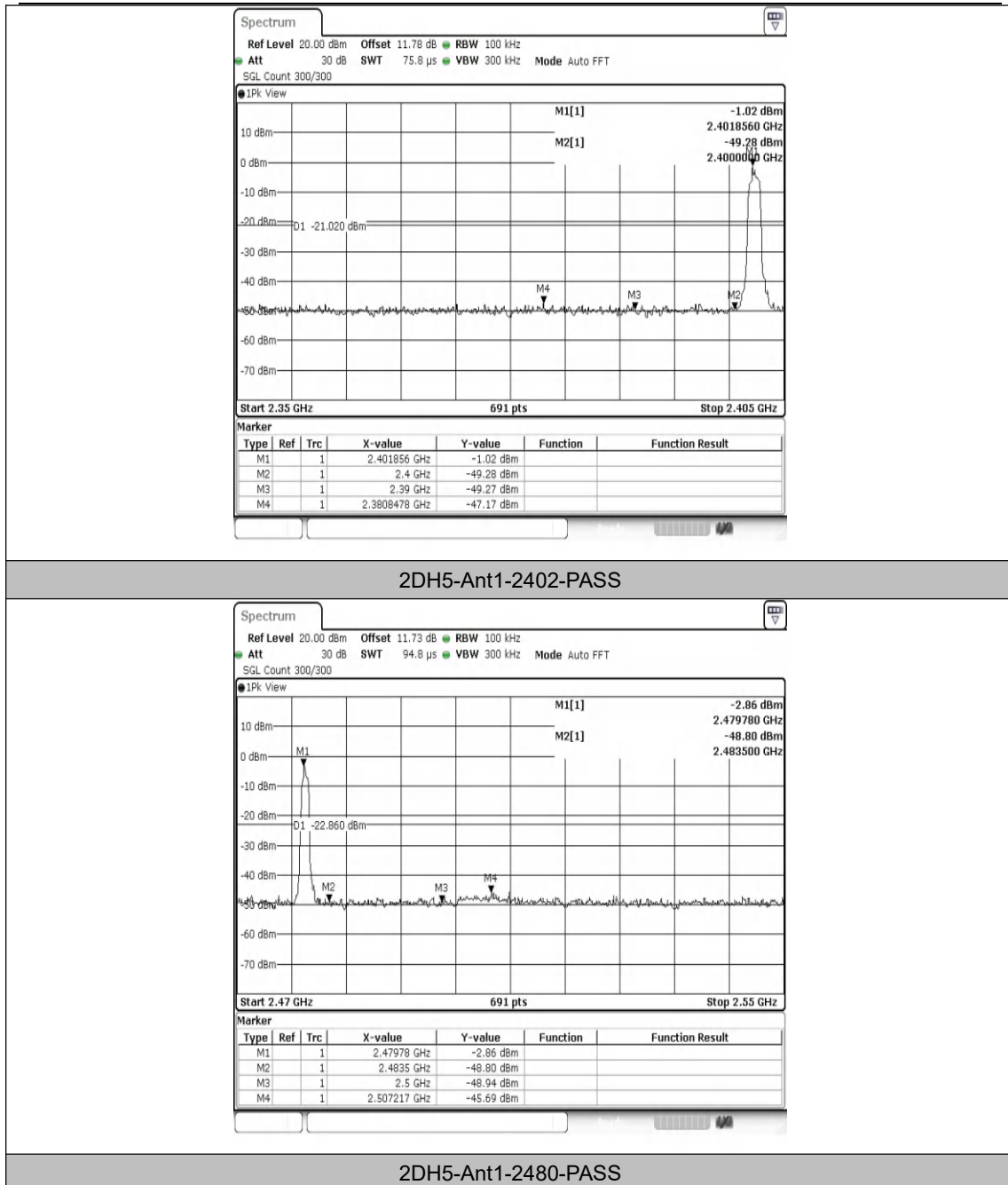
Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-1.39	-46.14	≤-21.39	PASS
DH5	Ant1	High	2480	-2.95	-45.16	≤-22.95	PASS
DH5	Ant1	Low	Hop_2402	-1.73	-47.36	≤-21.73	PASS
DH5	Ant1	High	Hop_2480	-2.58	-45.85	≤-22.58	PASS
2DH5	Ant1	Low	2402	-1.02	-47.17	≤-21.02	PASS
2DH5	Ant1	High	2480	-2.86	-45.69	≤-22.86	PASS
2DH5	Ant1	Low	Hop_2402	-5.83	-47.29	≤-25.83	PASS
2DH5	Ant1	High	Hop_2480	-3.07	-44.47	≤-23.07	PASS
3DH5	Ant1	Low	2402	-0.97	-46.7	≤-20.97	PASS
3DH5	Ant1	High	2480	-2.71	-46.3	≤-22.71	PASS
3DH5	Ant1	Low	Hop_2402	-1.54	-47.28	≤-21.54	PASS
3DH5	Ant1	High	Hop_2480	-3.12	-46.25	≤-23.12	PASS

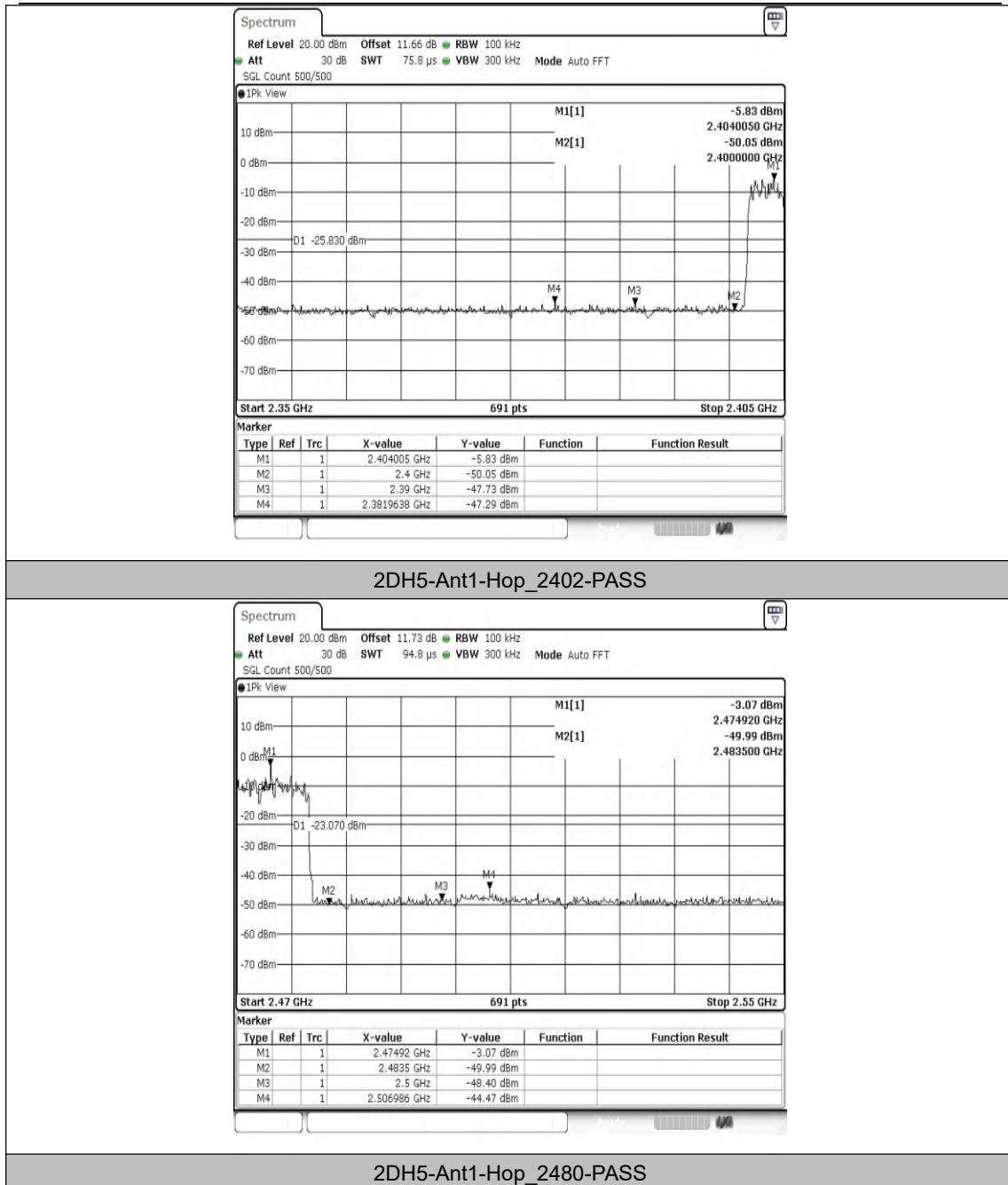


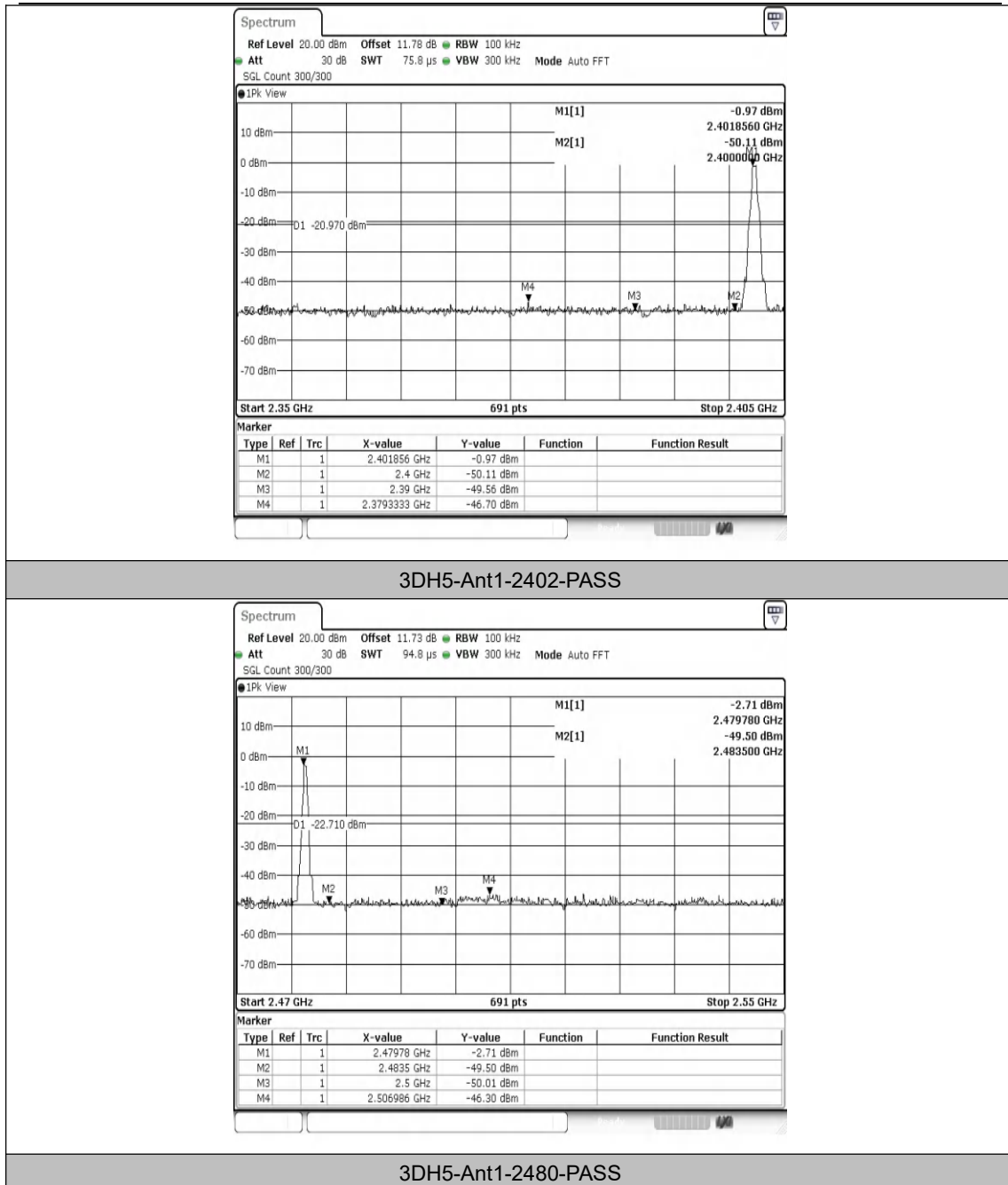
Test Graphs

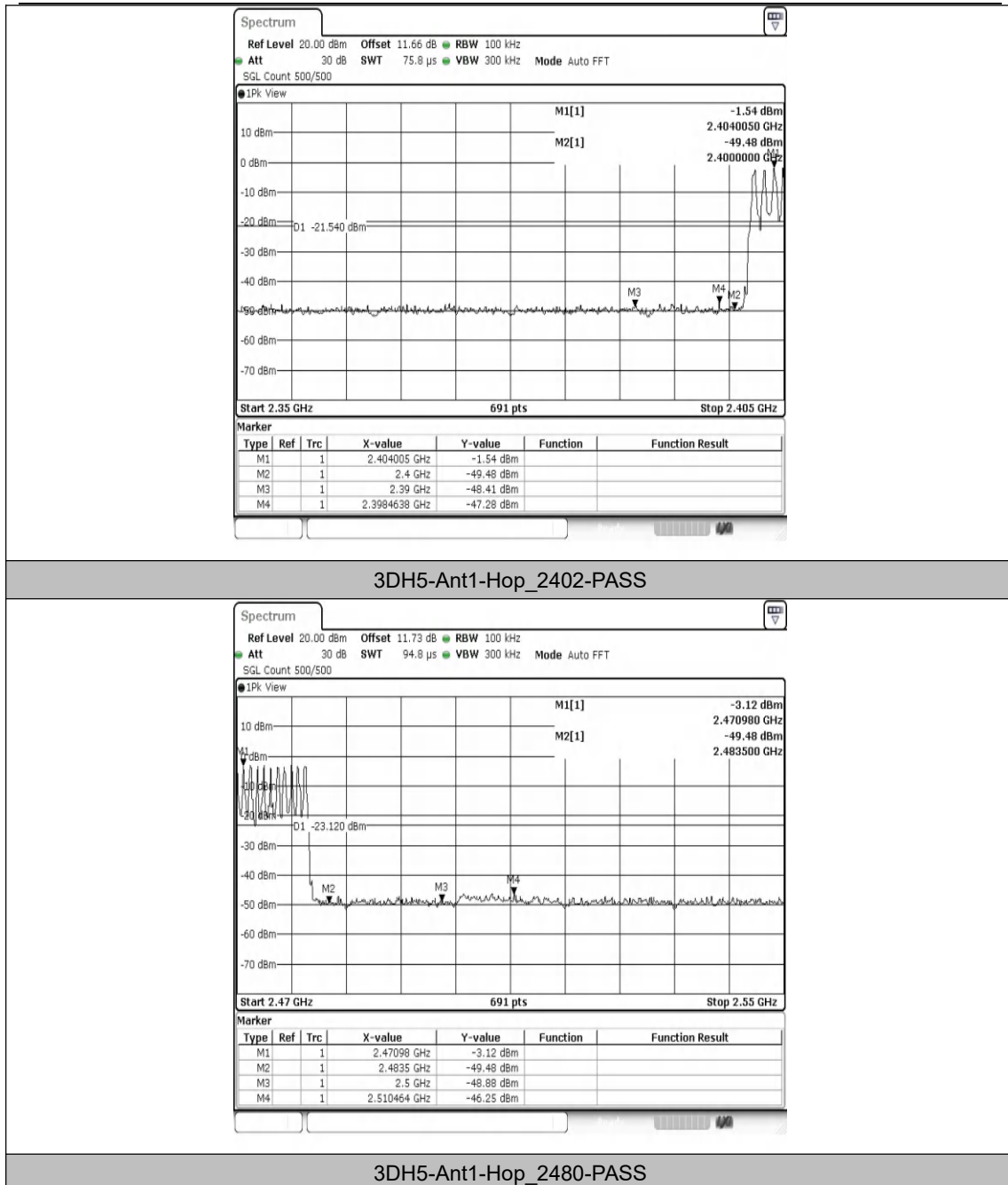












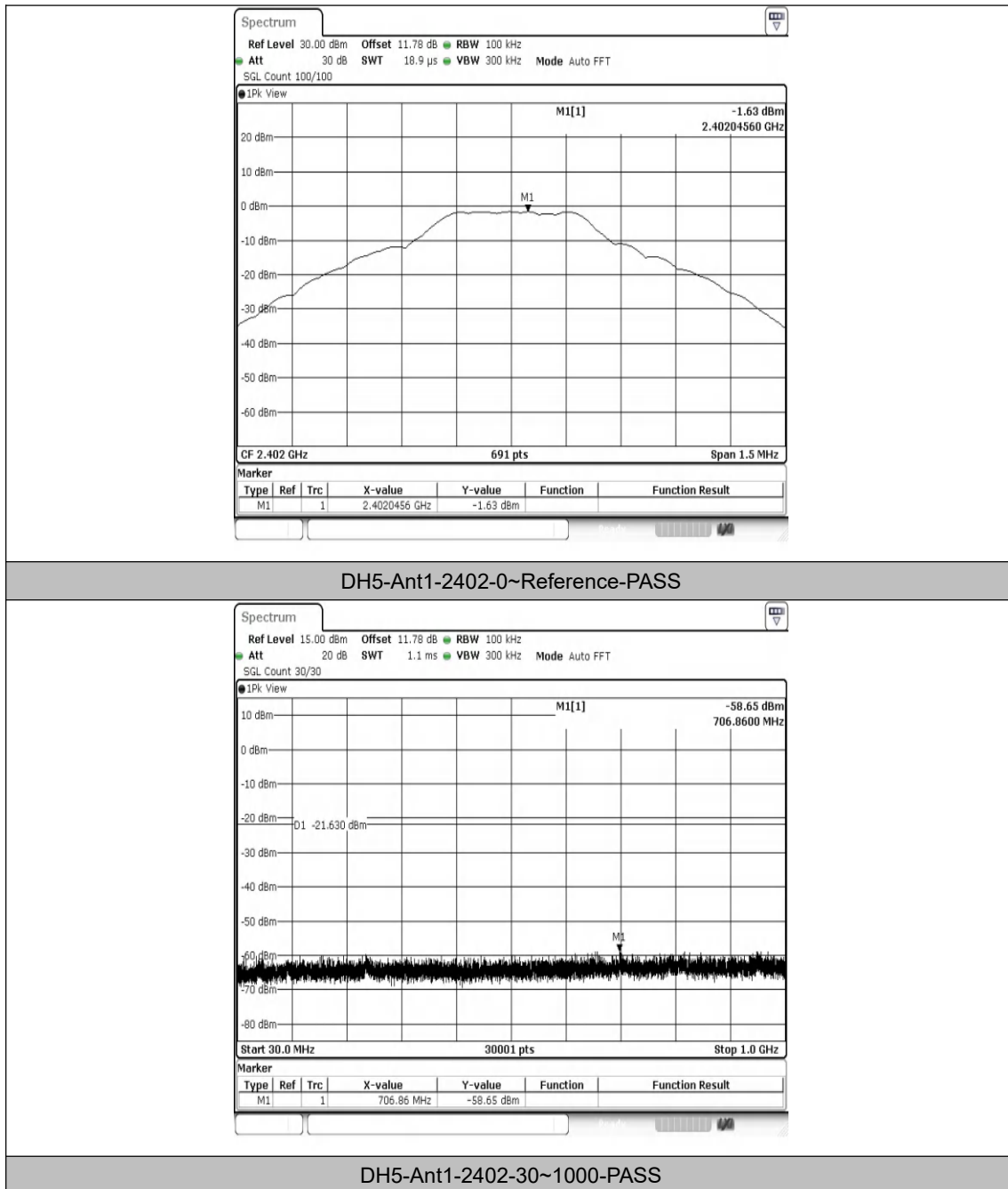
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-1.63	-1.63	---	PASS
DH5	Ant1	2402	30~1000	-1.63	-58.65	≤-21.63	PASS
DH5	Ant1	2402	1000~26500	-1.63	-32.34	≤-21.63	PASS
DH5	Ant1	2441	0~Reference	-2.27	-2.27	---	PASS
DH5	Ant1	2441	30~1000	-2.27	-58.17	≤-22.27	PASS
DH5	Ant1	2441	1000~26500	-2.27	-32.12	≤-22.27	PASS
DH5	Ant1	2480	0~Reference	-3.34	-3.34	---	PASS
DH5	Ant1	2480	30~1000	-3.34	-57.37	≤-23.34	PASS
DH5	Ant1	2480	1000~26500	-3.34	-33.25	≤-23.34	PASS
2DH5	Ant1	2402	0~Reference	-3.54	-3.54	---	PASS
2DH5	Ant1	2402	30~1000	-3.54	-57.72	≤-23.54	PASS
2DH5	Ant1	2402	1000~26500	-3.54	-32.43	≤-23.54	PASS
2DH5	Ant1	2441	0~Reference	-3.72	-3.72	---	PASS
2DH5	Ant1	2441	30~1000	-3.72	-57.19	≤-23.72	PASS
2DH5	Ant1	2441	1000~26500	-3.72	-31.75	≤-23.72	PASS
2DH5	Ant1	2480	0~Reference	-2.92	-2.92	---	PASS
2DH5	Ant1	2480	30~1000	-2.92	-58.16	≤-22.92	PASS
2DH5	Ant1	2480	1000~26500	-2.92	-33.1	≤-22.92	PASS
3DH5	Ant1	2402	0~Reference	-1.19	-1.19	---	PASS
3DH5	Ant1	2402	30~1000	-1.19	-58.6	≤-21.19	PASS
3DH5	Ant1	2402	1000~26500	-1.19	-32.55	≤-21.19	PASS
3DH5	Ant1	2441	0~Reference	-1.74	-1.74	---	PASS
3DH5	Ant1	2441	30~1000	-1.74	-57.61	≤-21.74	PASS
3DH5	Ant1	2441	1000~26500	-1.74	-32.18	≤-21.74	PASS
3DH5	Ant1	2480	0~Reference	-3.28	-3.28	---	PASS
3DH5	Ant1	2480	30~1000	-3.28	-57.85	≤-23.28	PASS
3DH5	Ant1	2480	1000~26500	-3.28	-33.05	≤-23.28	PASS



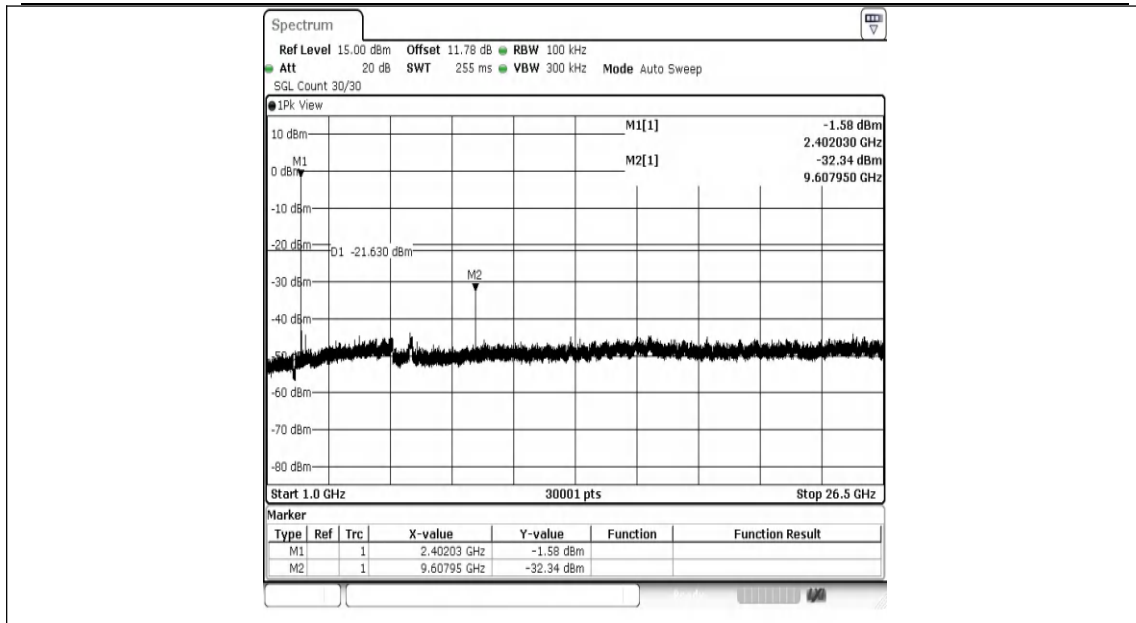
Test Graphs



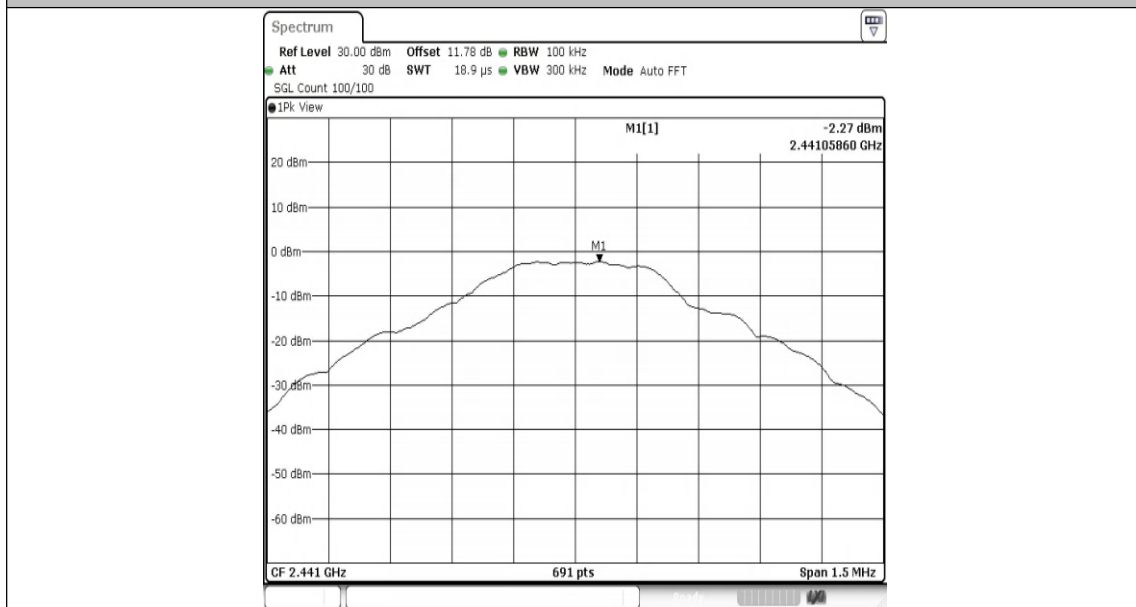
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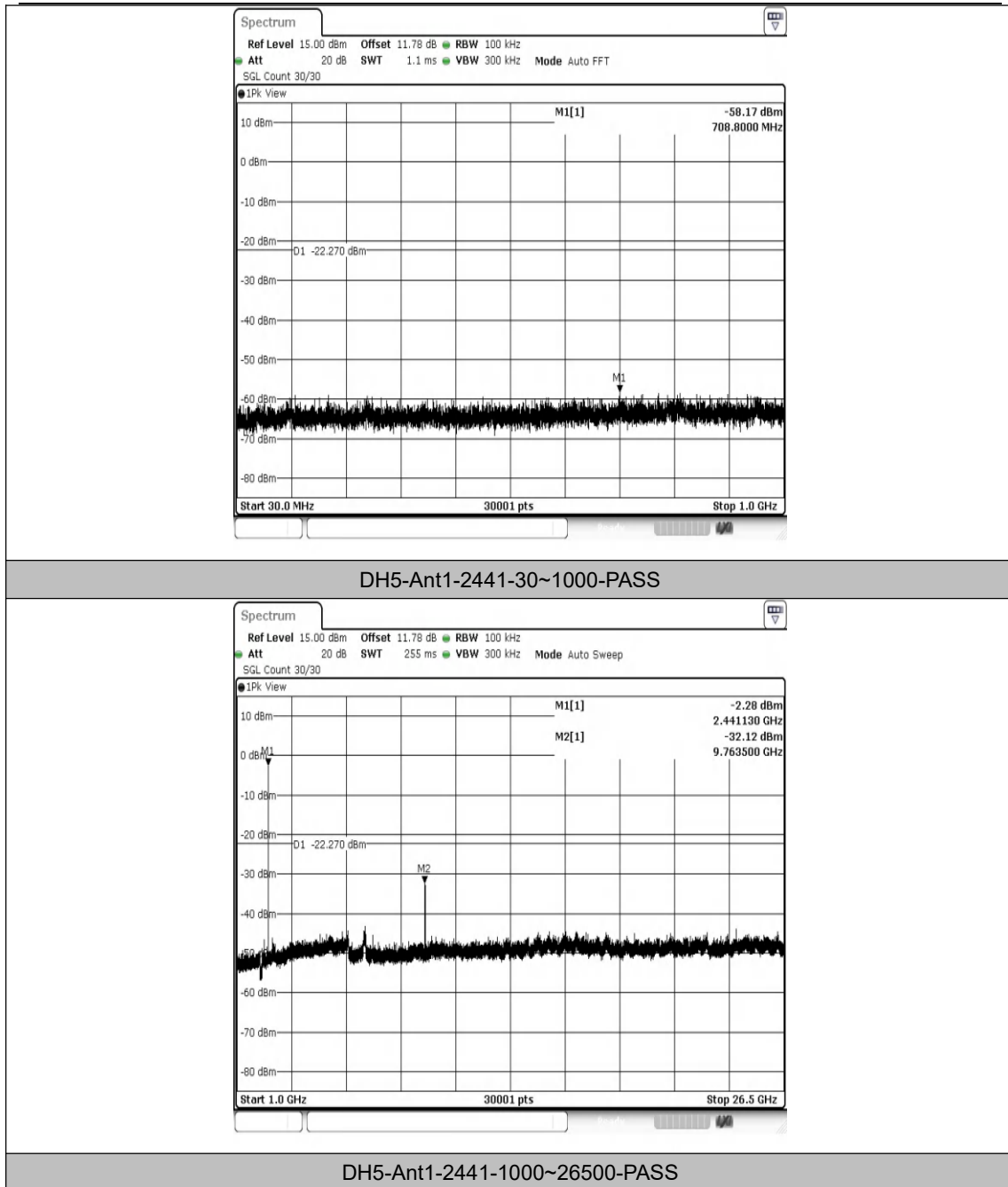
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DH5-Ant1-2402-1000~26500-PASS



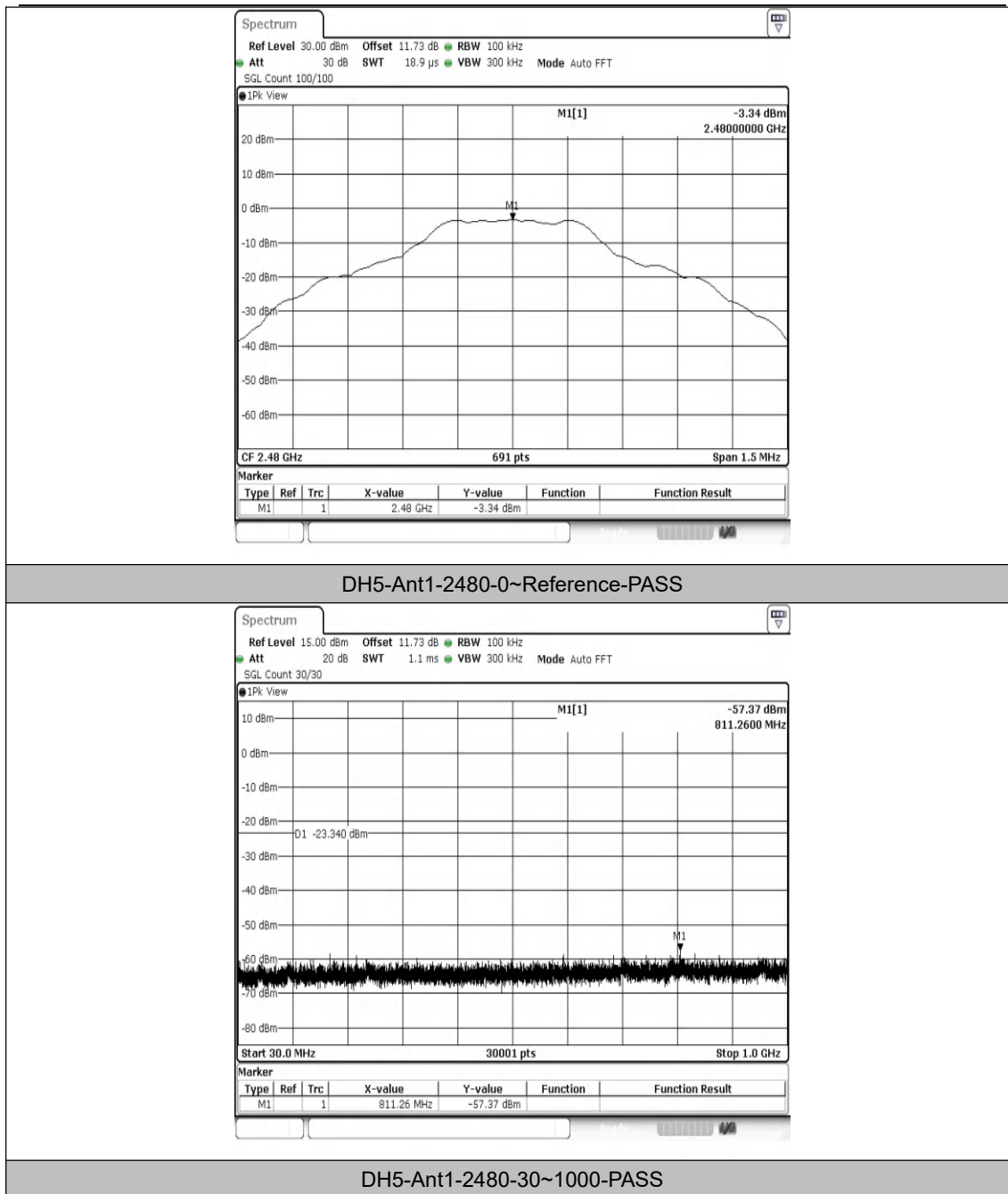
DH5-Ant1-2441-0~Reference-PASS



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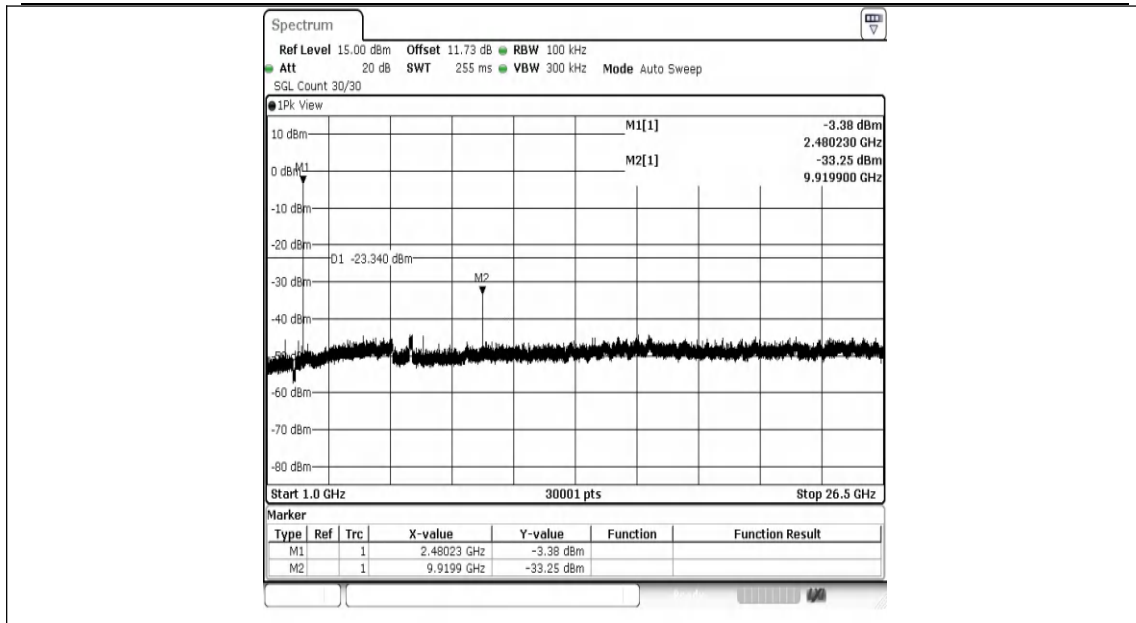
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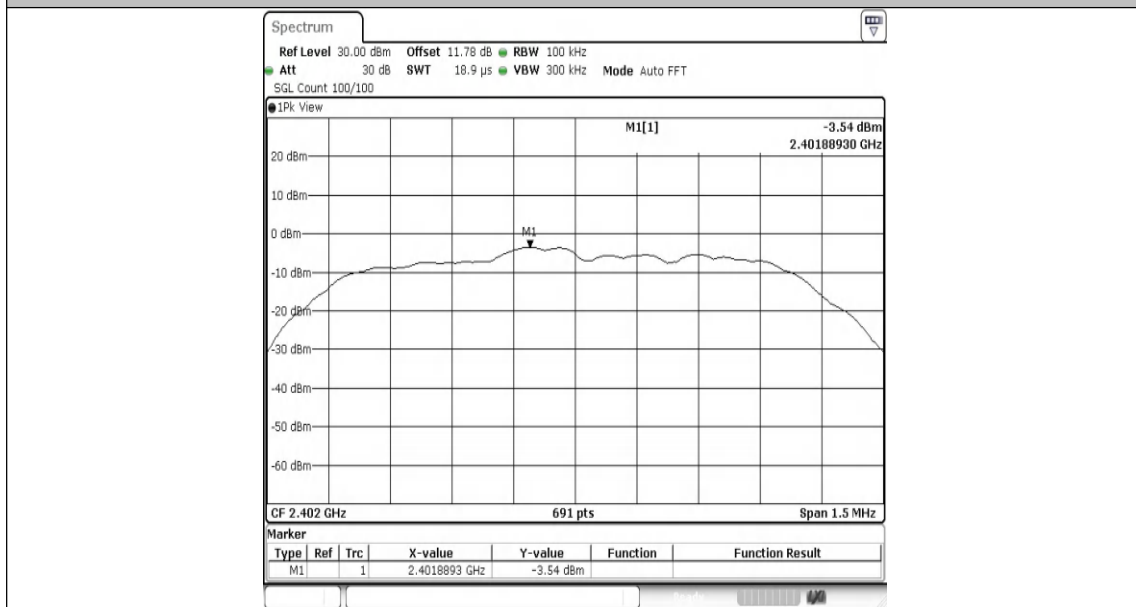
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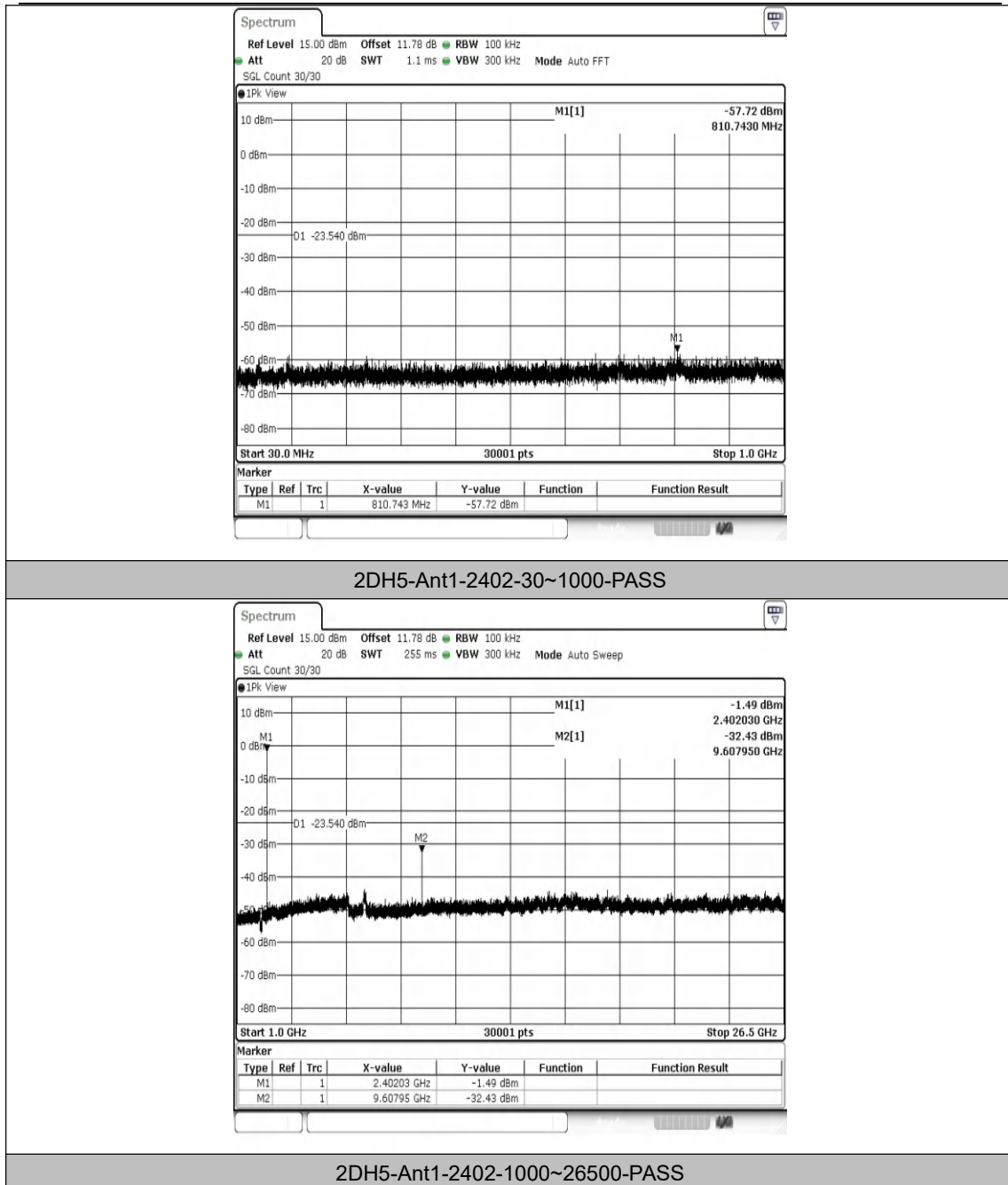
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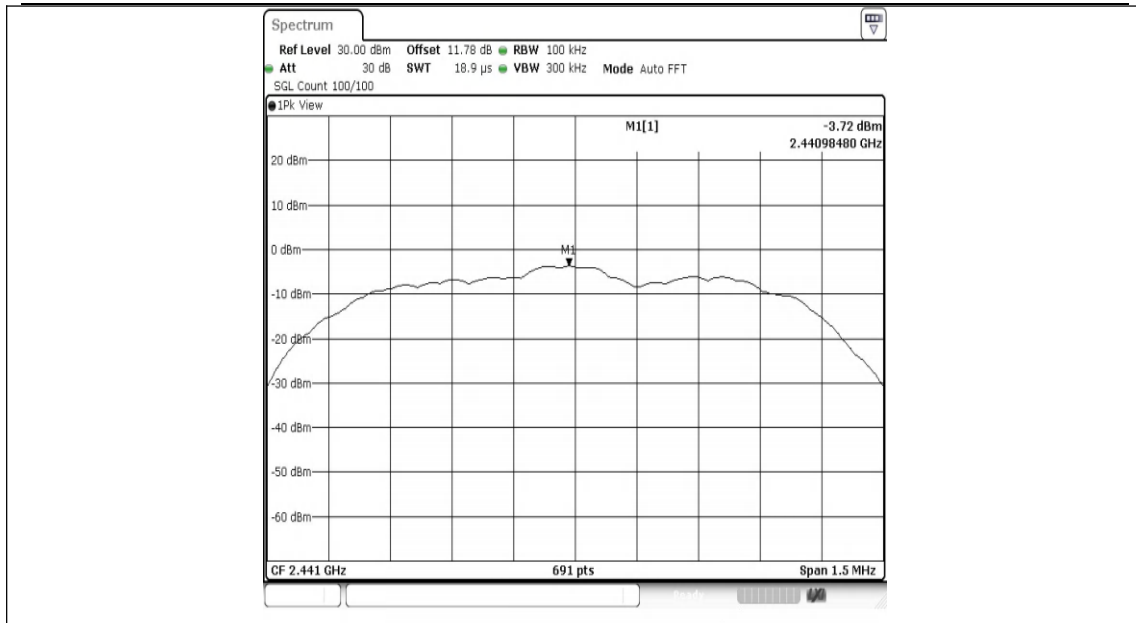


DH5-Ant1-2480-1000~26500-PASS

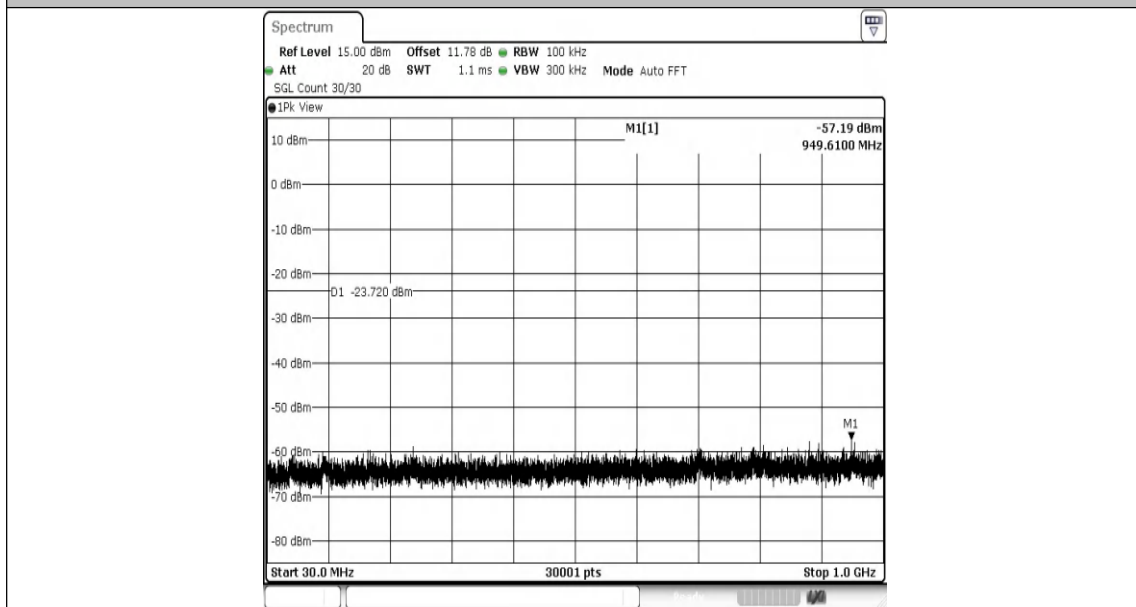


2DH5-Ant1-2402-0~Reference-PASS

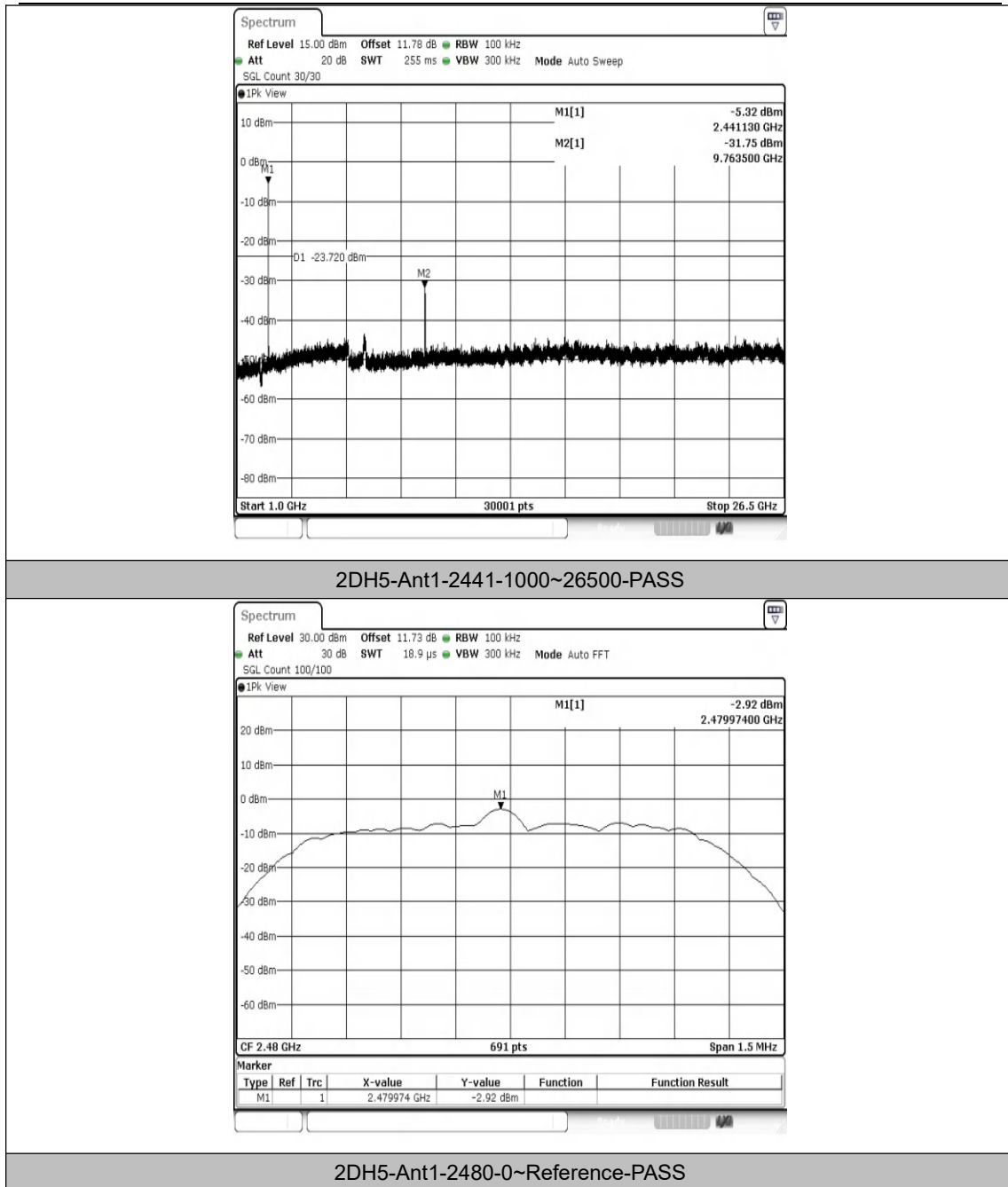




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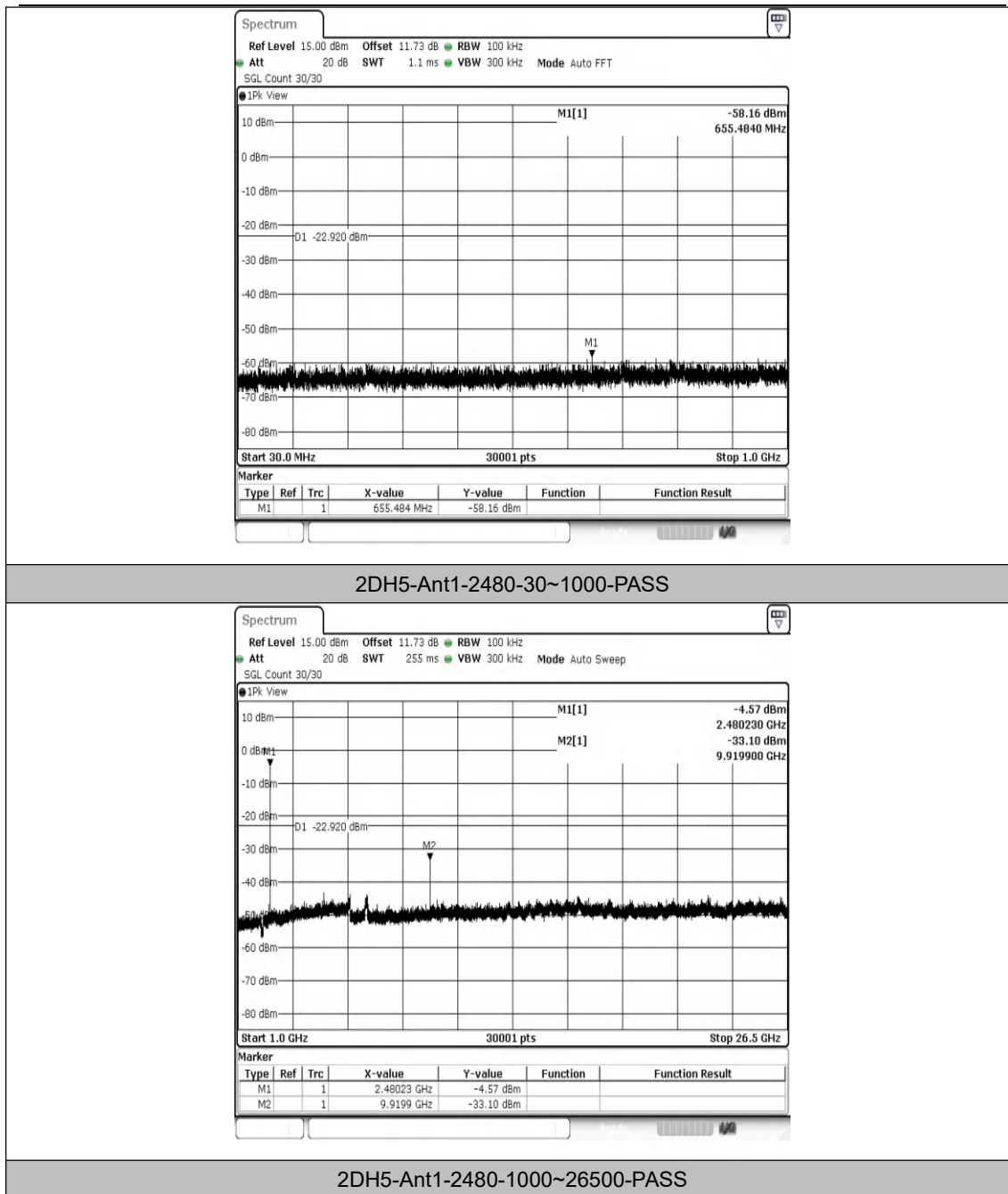
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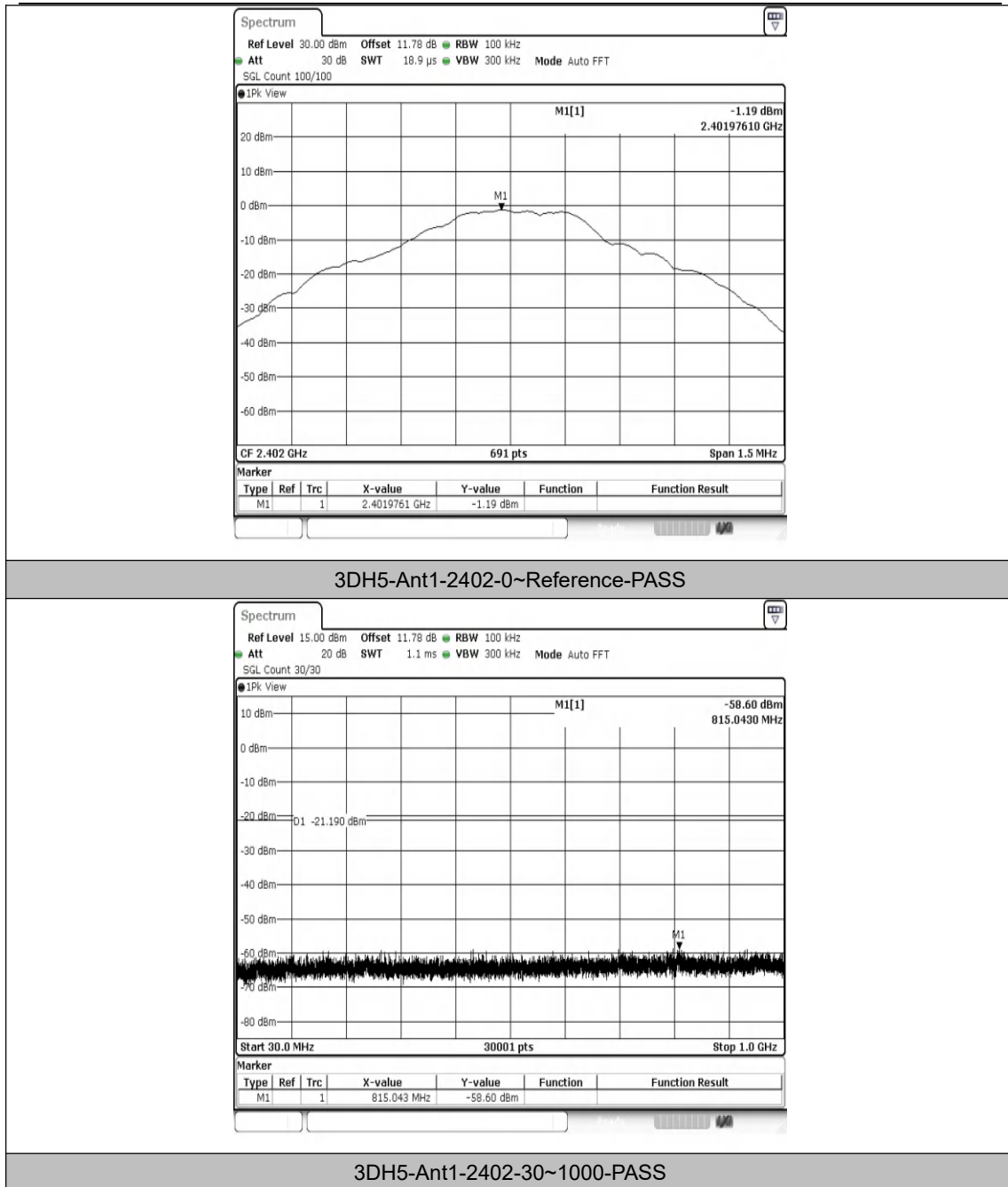


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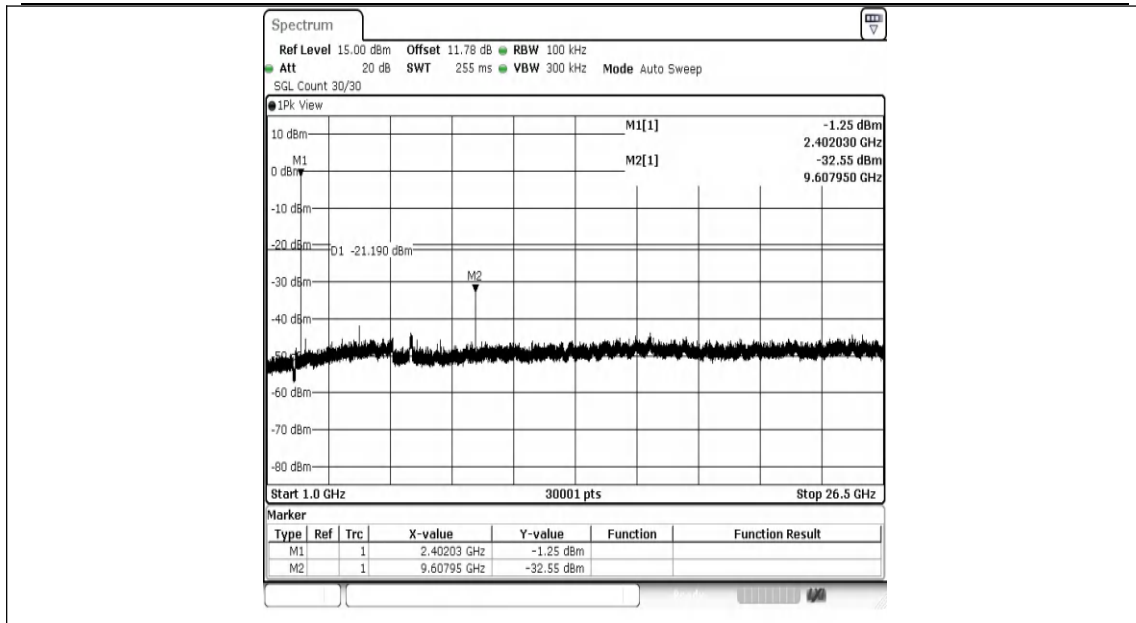




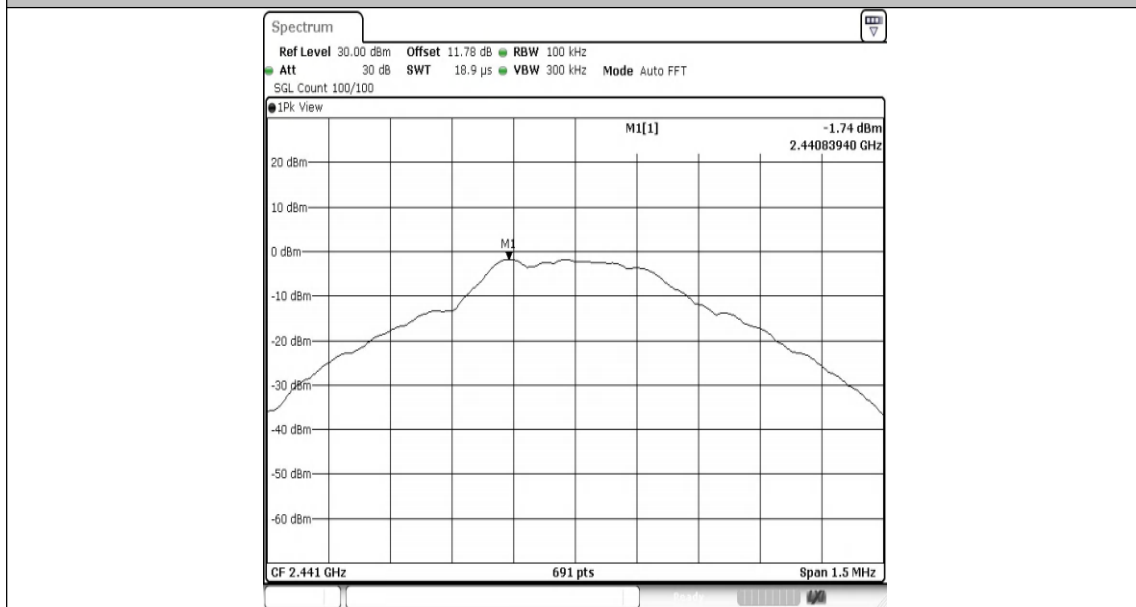
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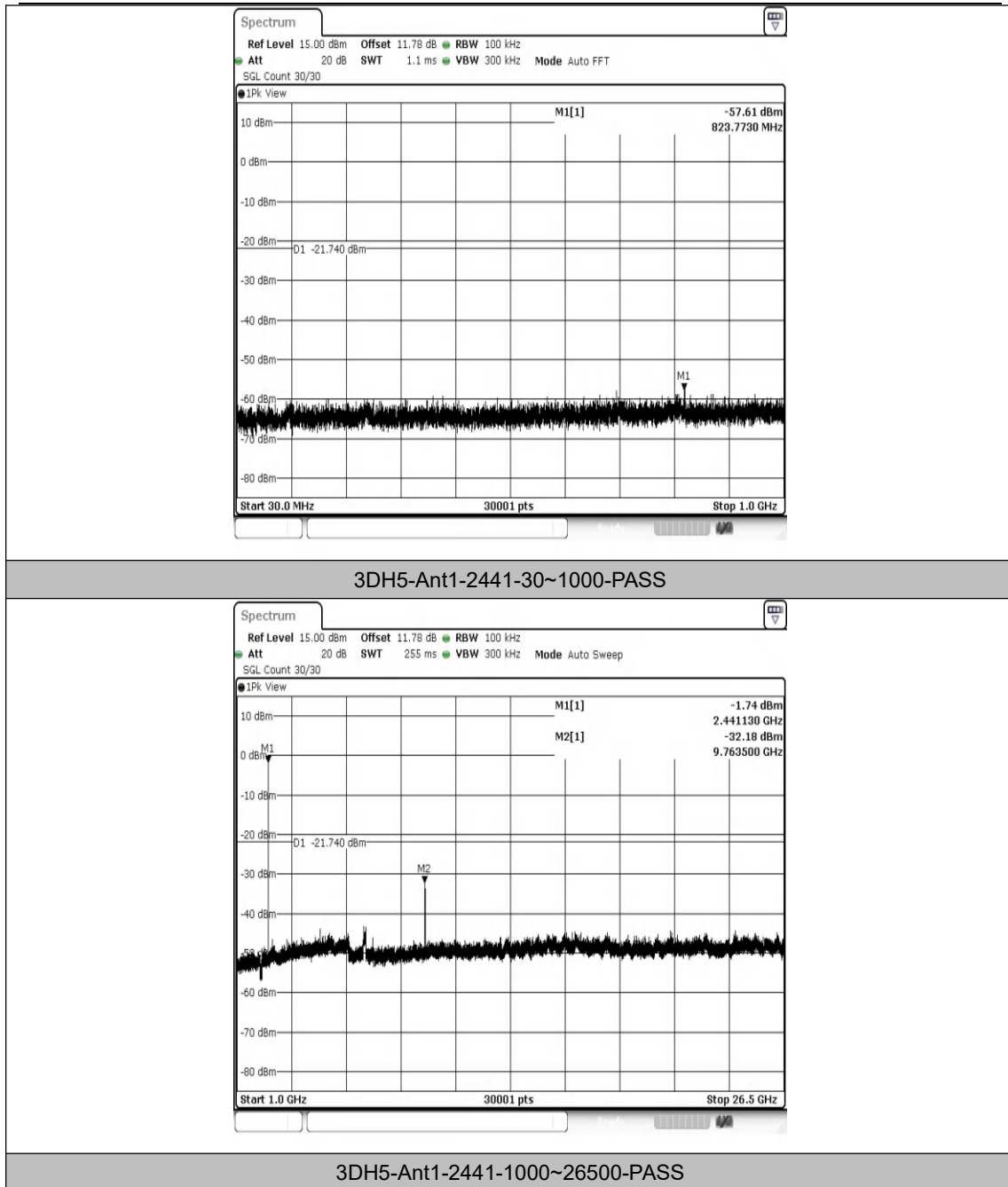
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3DH5-Ant1-2402-1000~26500-PASS



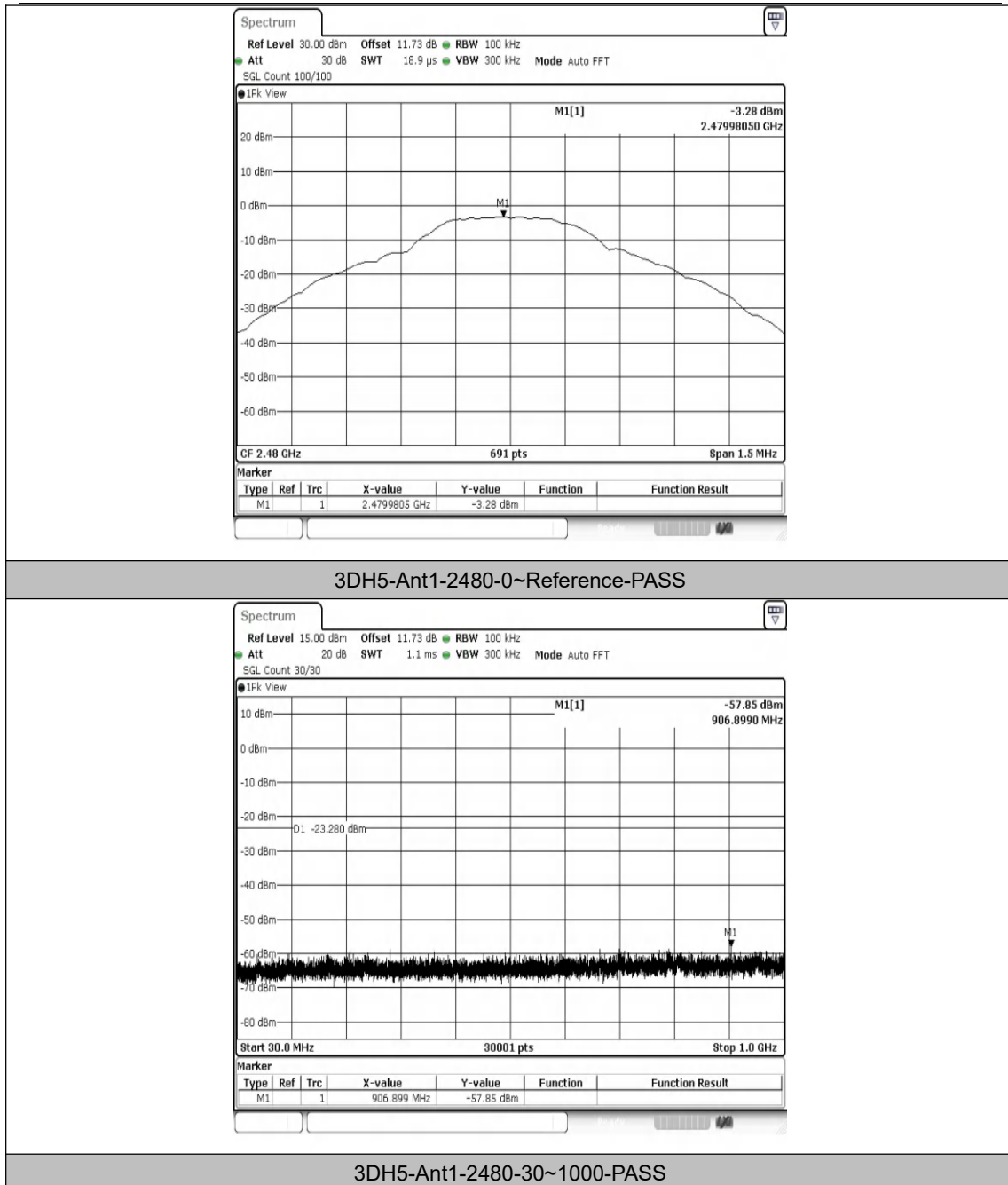
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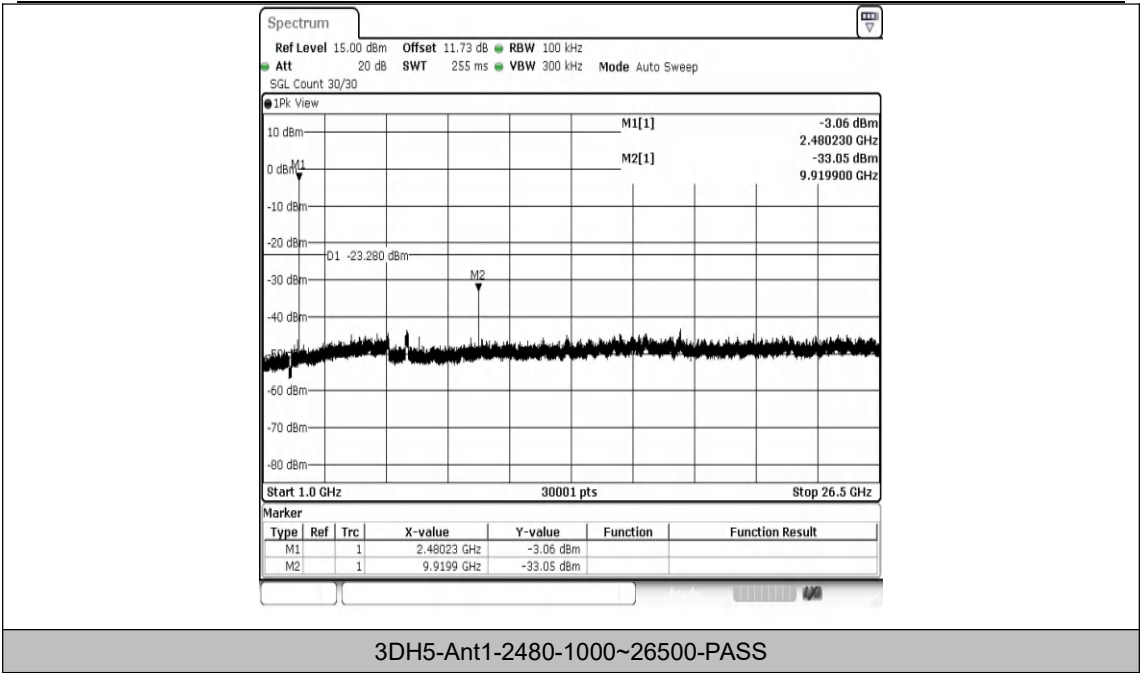


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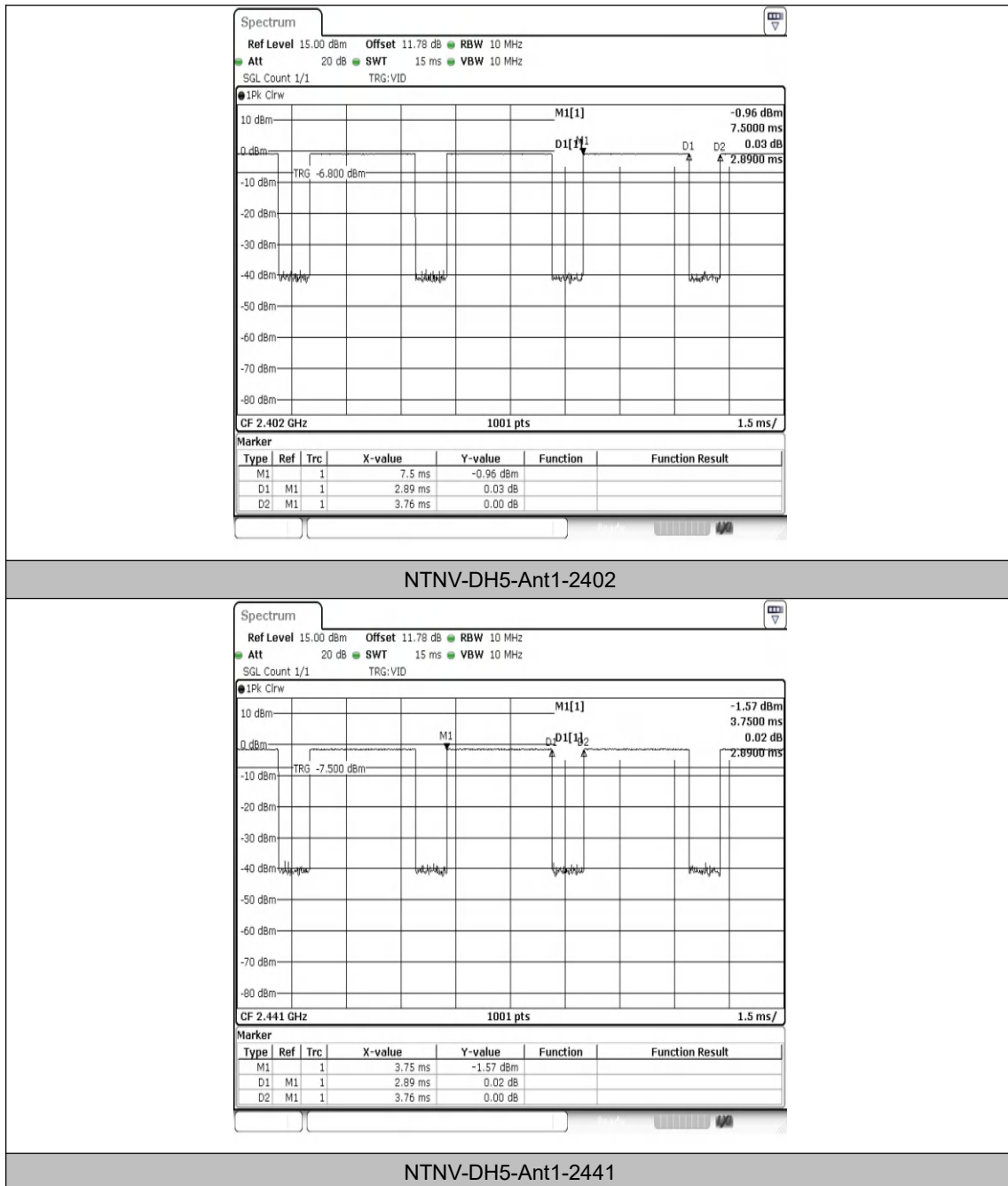
Appendix I: Duty Cycle

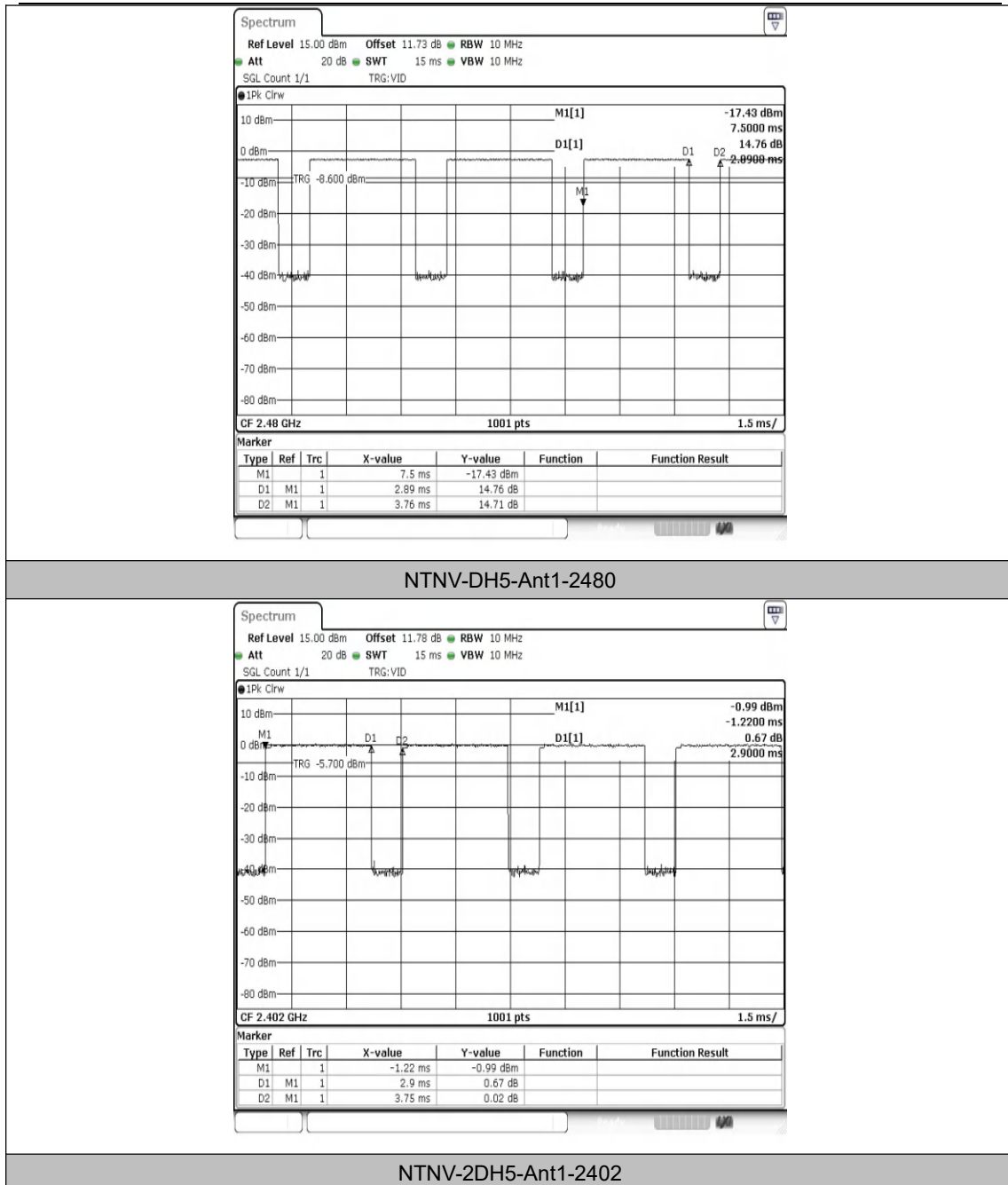
Test Result

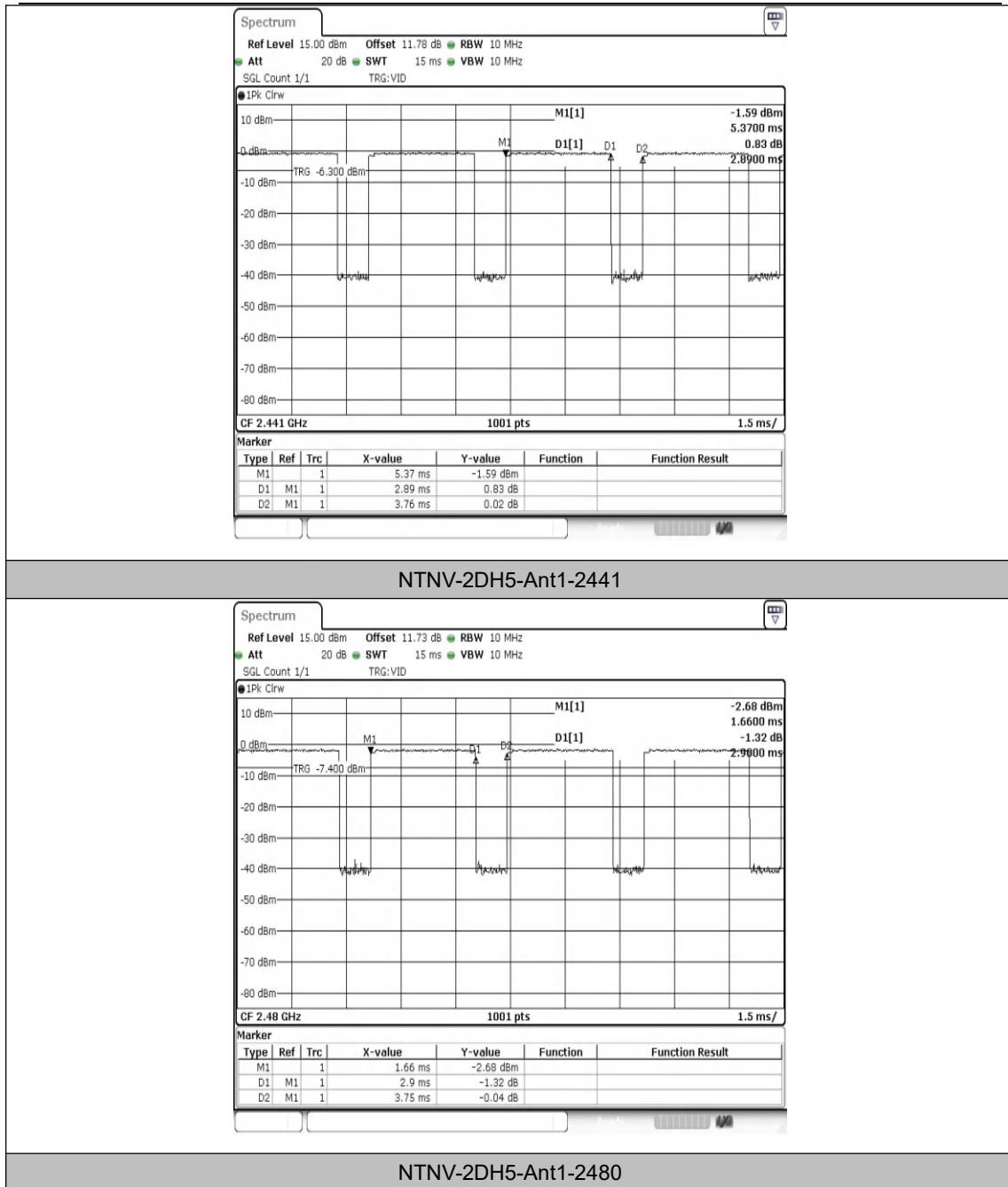
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.89	3.76	76.86	1.14
DH5	Ant1	2441	2.89	3.76	76.86	1.14
DH5	Ant1	2480	2.89	3.76	76.86	1.14
2DH5	Ant1	2402	2.90	3.75	77.33	1.12
2DH5	Ant1	2441	2.89	3.76	76.86	1.14
2DH5	Ant1	2480	2.90	3.75	77.33	1.12
3DH5	Ant1	2402	2.36	3.75	62.93	2.01
3DH5	Ant1	2441	2.37	3.76	63.03	2.00
3DH5	Ant1	2480	2.37	3.76	63.03	2.00

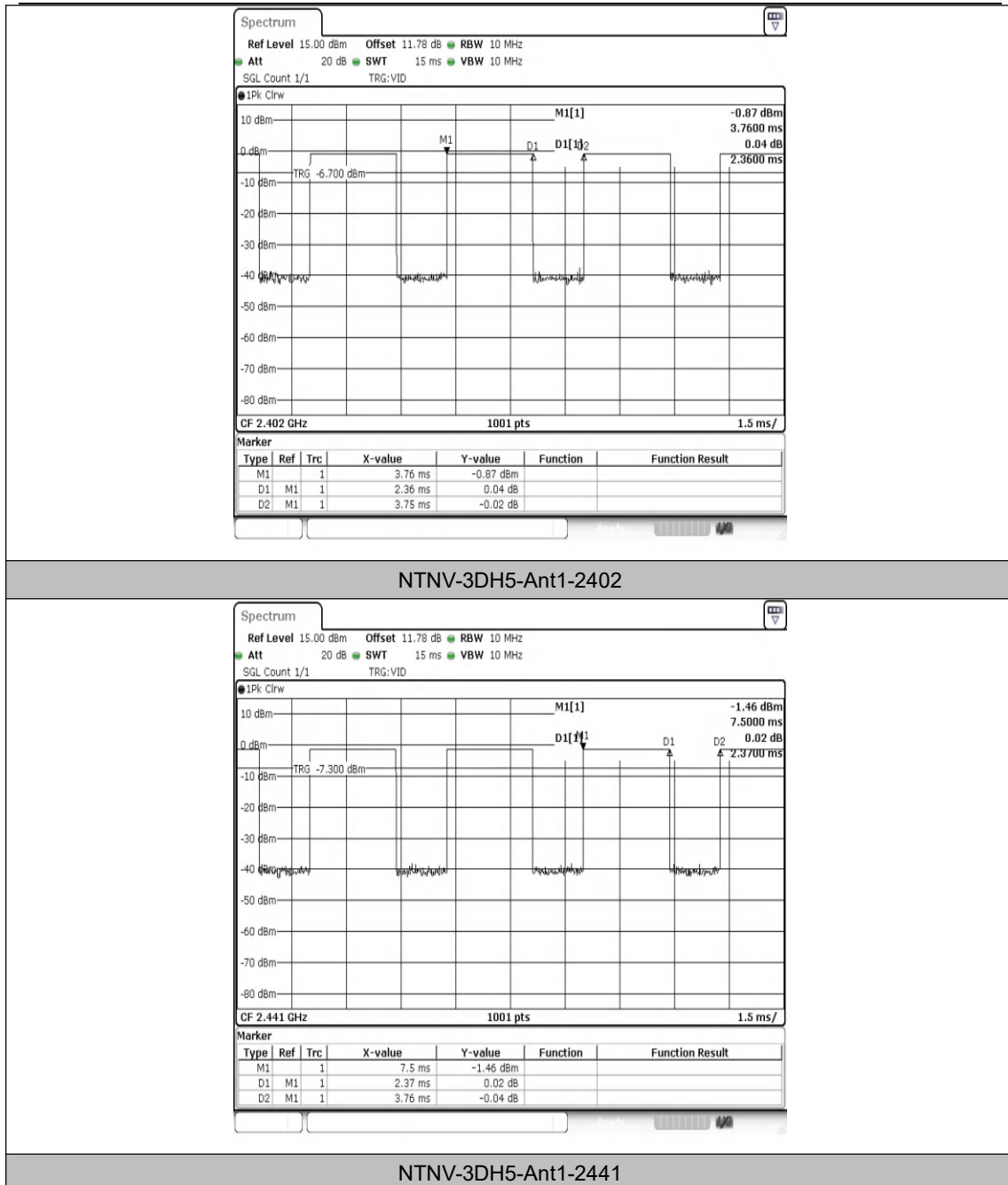


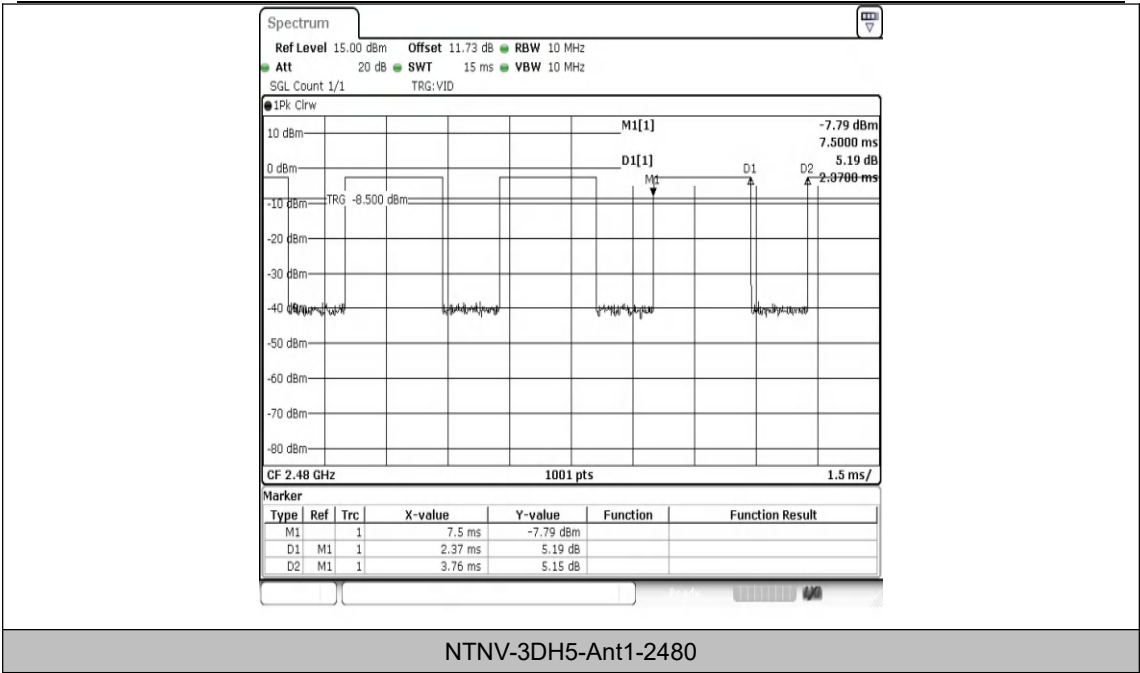
Test Graphs











---End---