

Appendix Test Data

Report No.:	1819C50056912501	Test Sample No.:	1-2-2
Start Test Date:	2025-5-20	Finish Test Date:	2025-5-26
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	25.1°C	Relative Humidity:	56%
Pressure:	101kPa		

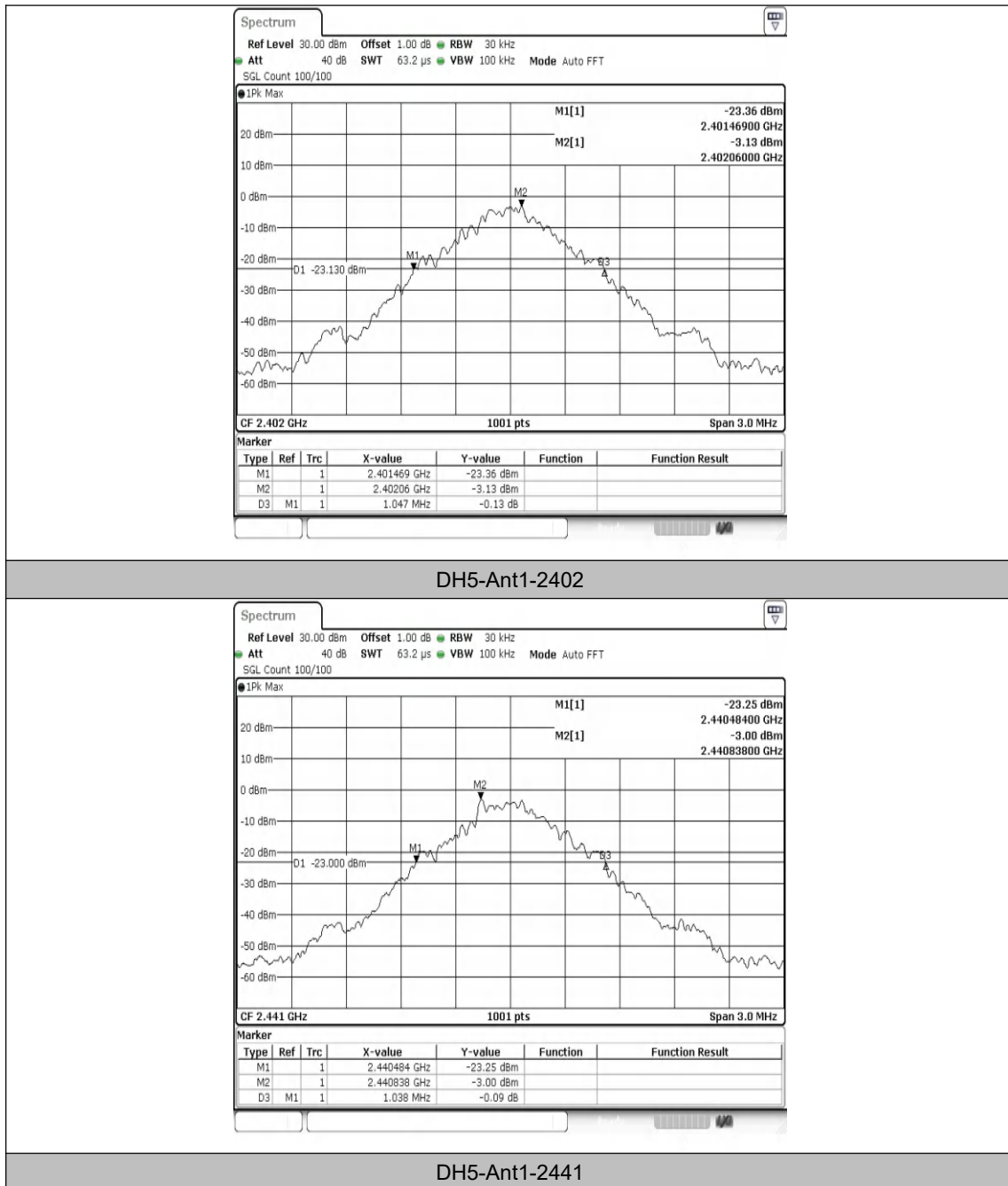
Appendix A: 20dB Bandwidth

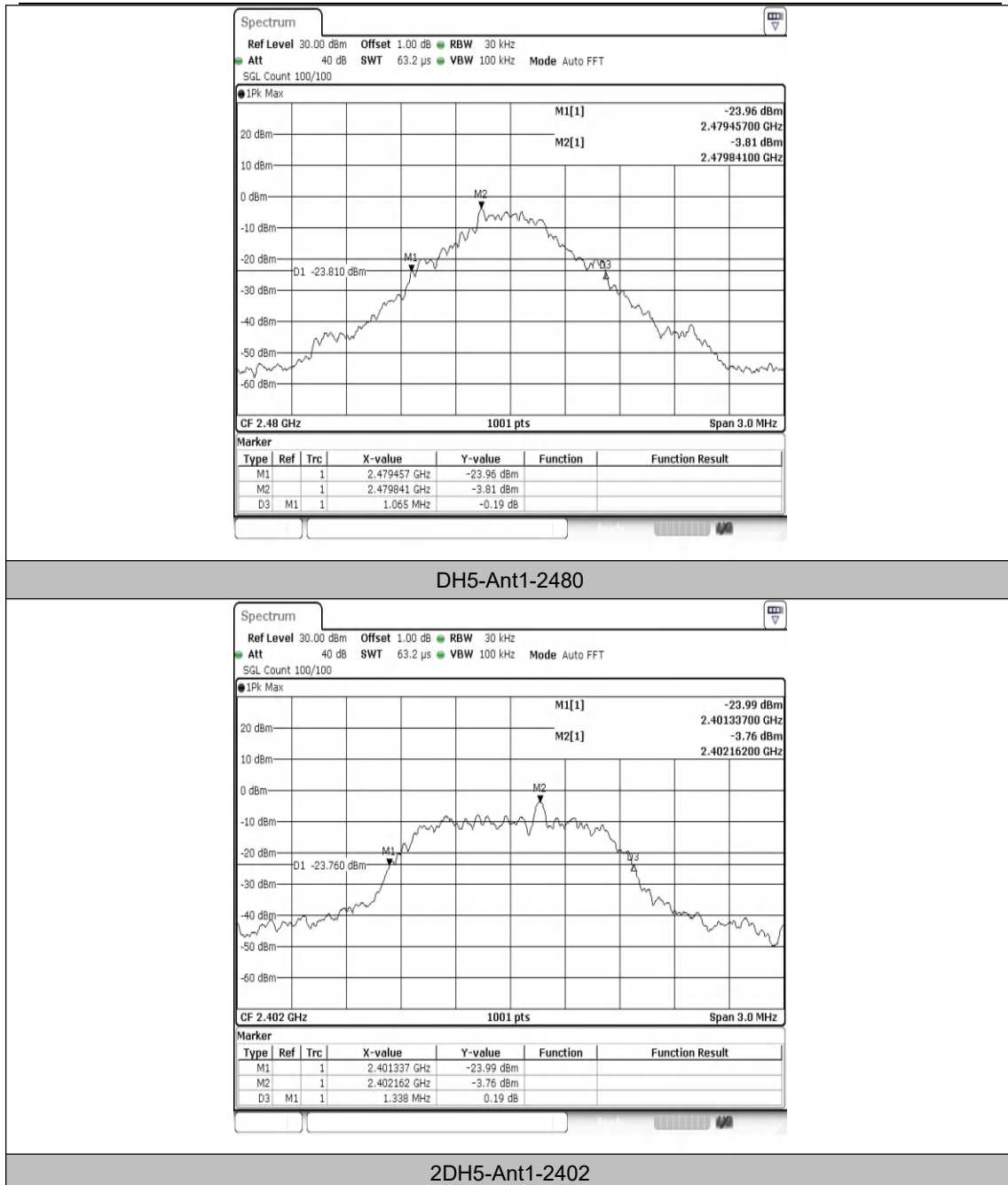
Test Result

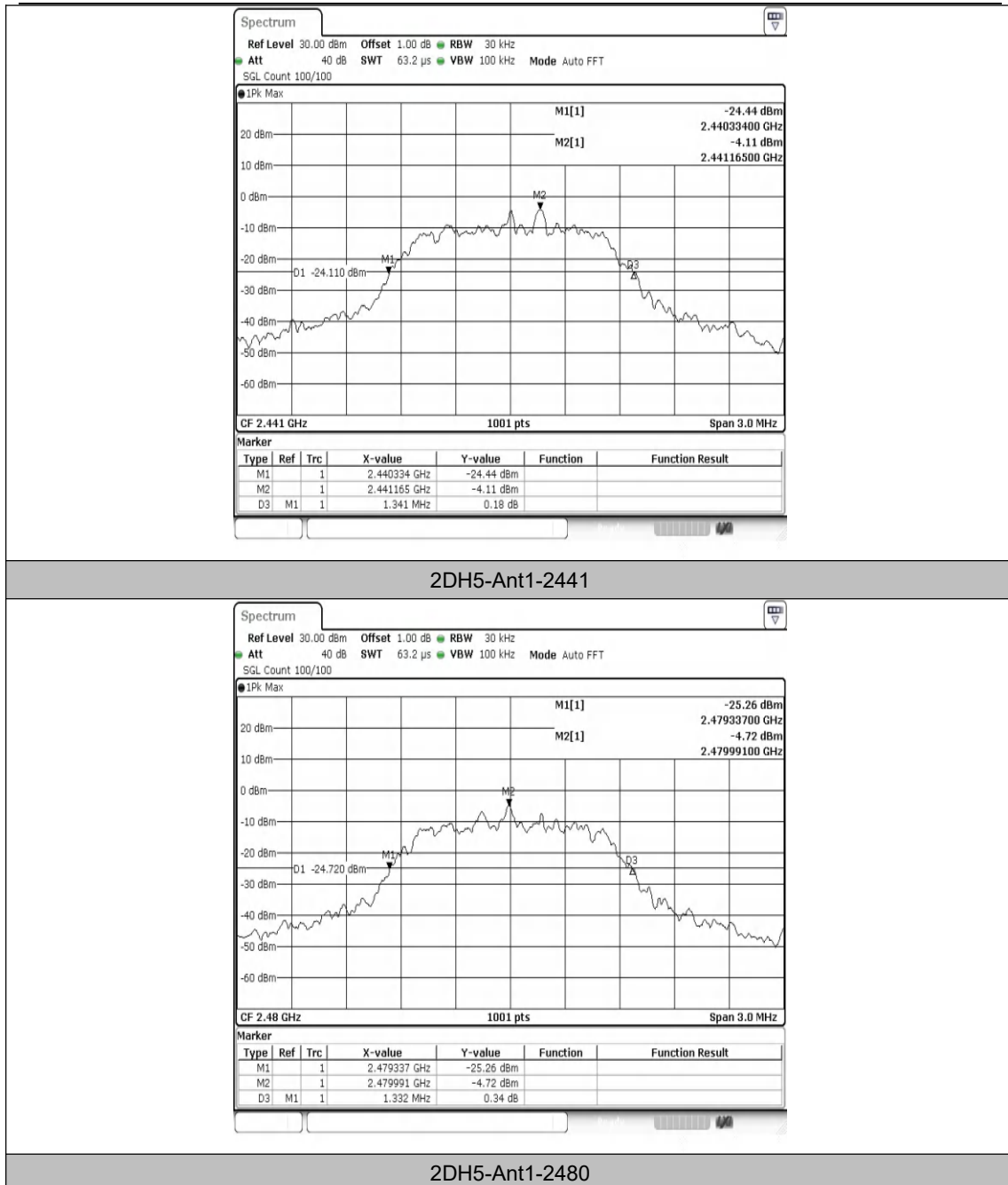
Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.05	2401.47	2402.52	---	---
DH5	Ant1	2441	1.04	2440.48	2441.52	---	---
DH5	Ant1	2480	1.07	2479.46	2480.52	---	---
2DH5	Ant1	2402	1.34	2401.34	2402.68	---	---
2DH5	Ant1	2441	1.34	2440.33	2441.68	---	---
2DH5	Ant1	2480	1.33	2479.34	2480.67	---	---
3DH5	Ant1	2402	1.36	2401.32	2402.68	---	---
3DH5	Ant1	2441	1.36	2440.32	2441.68	---	---
3DH5	Ant1	2480	1.28	2479.36	2480.64	---	---

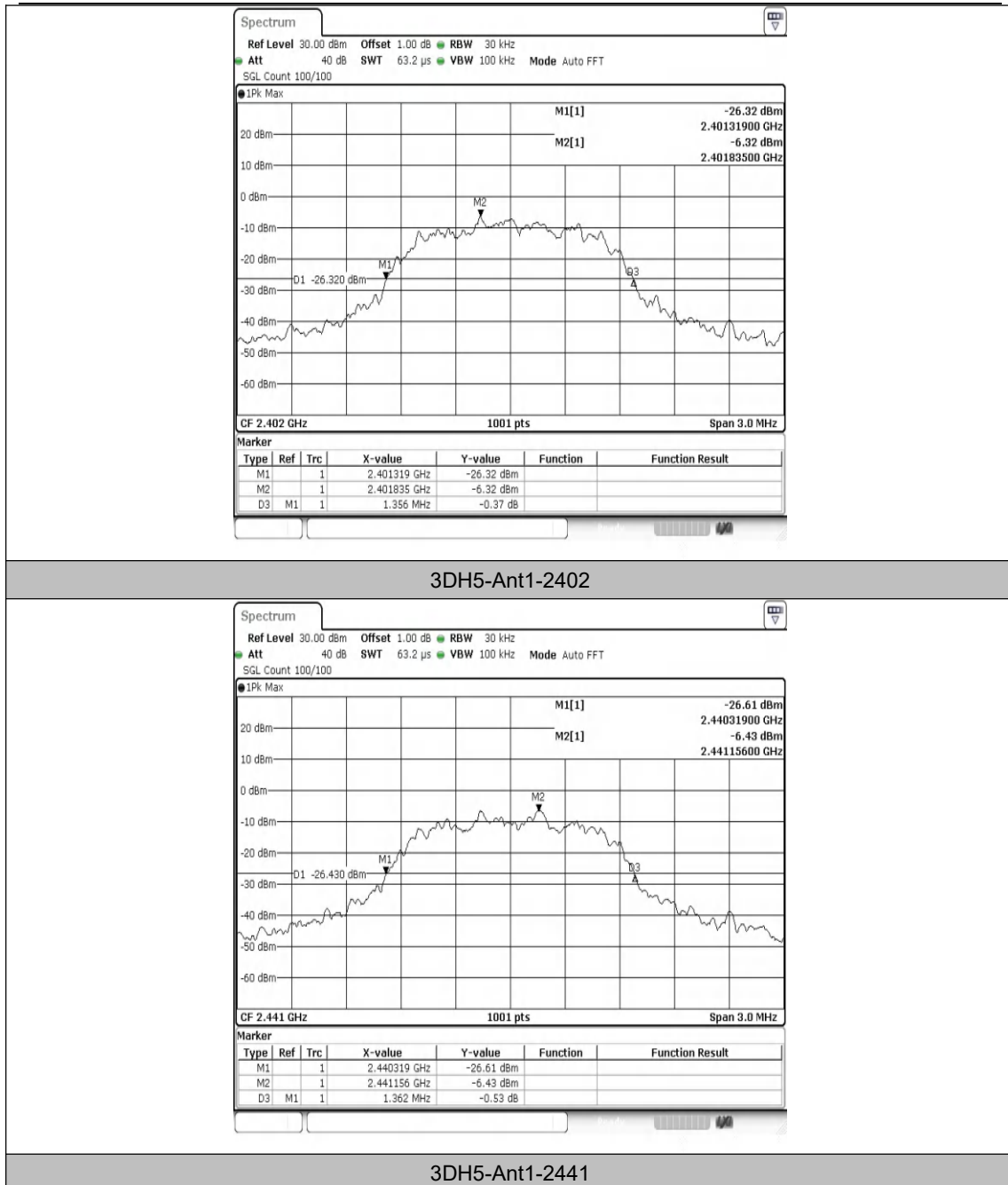


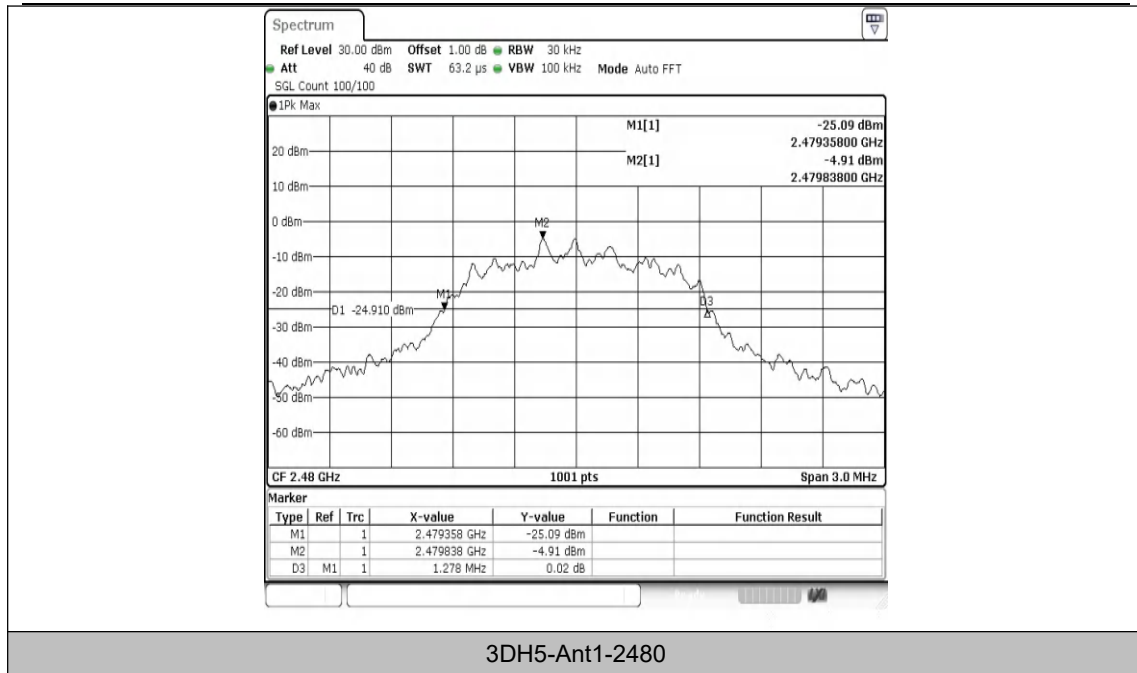
Test Graphs











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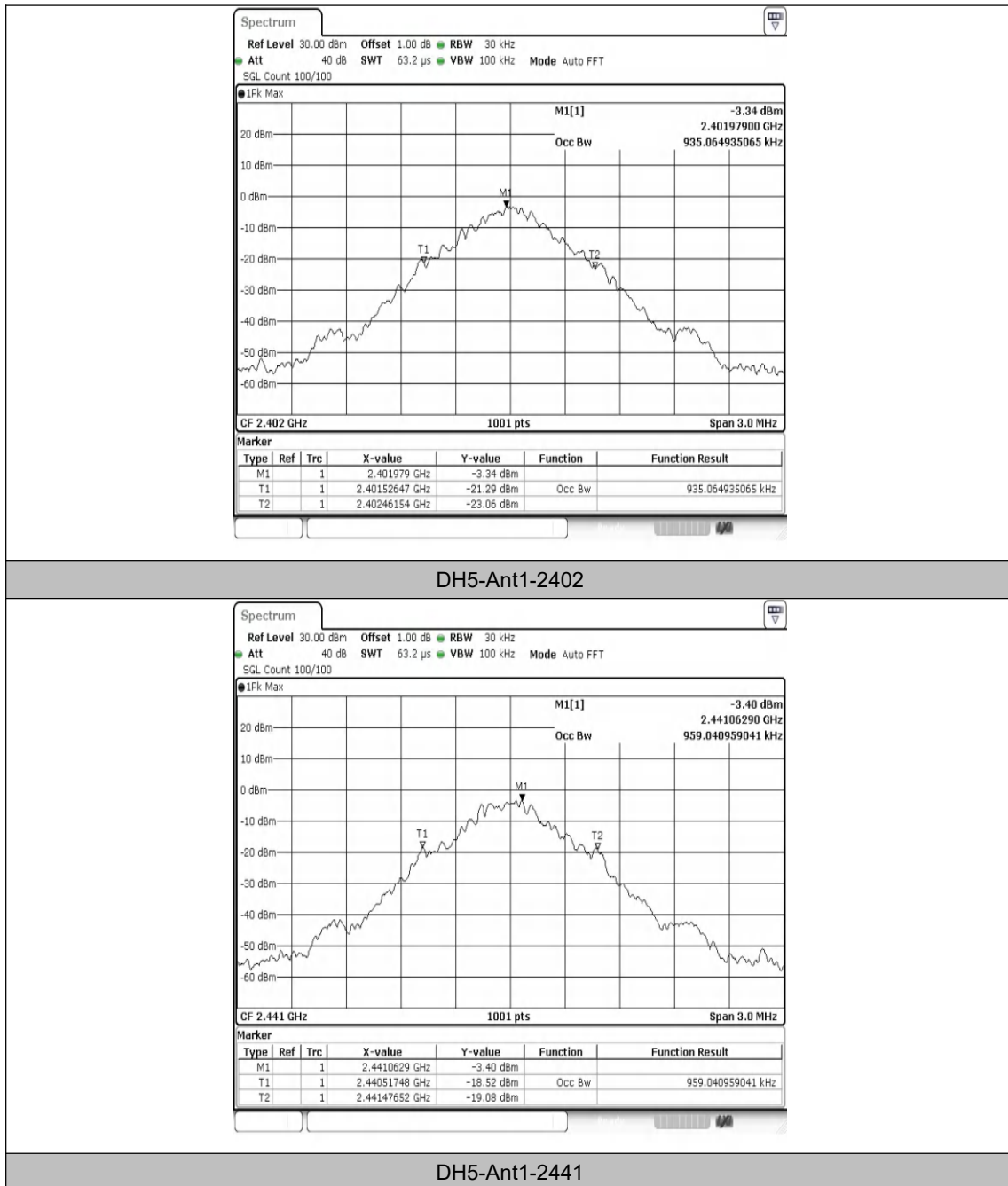
Appendix B: 99% Occupied Bandwidth

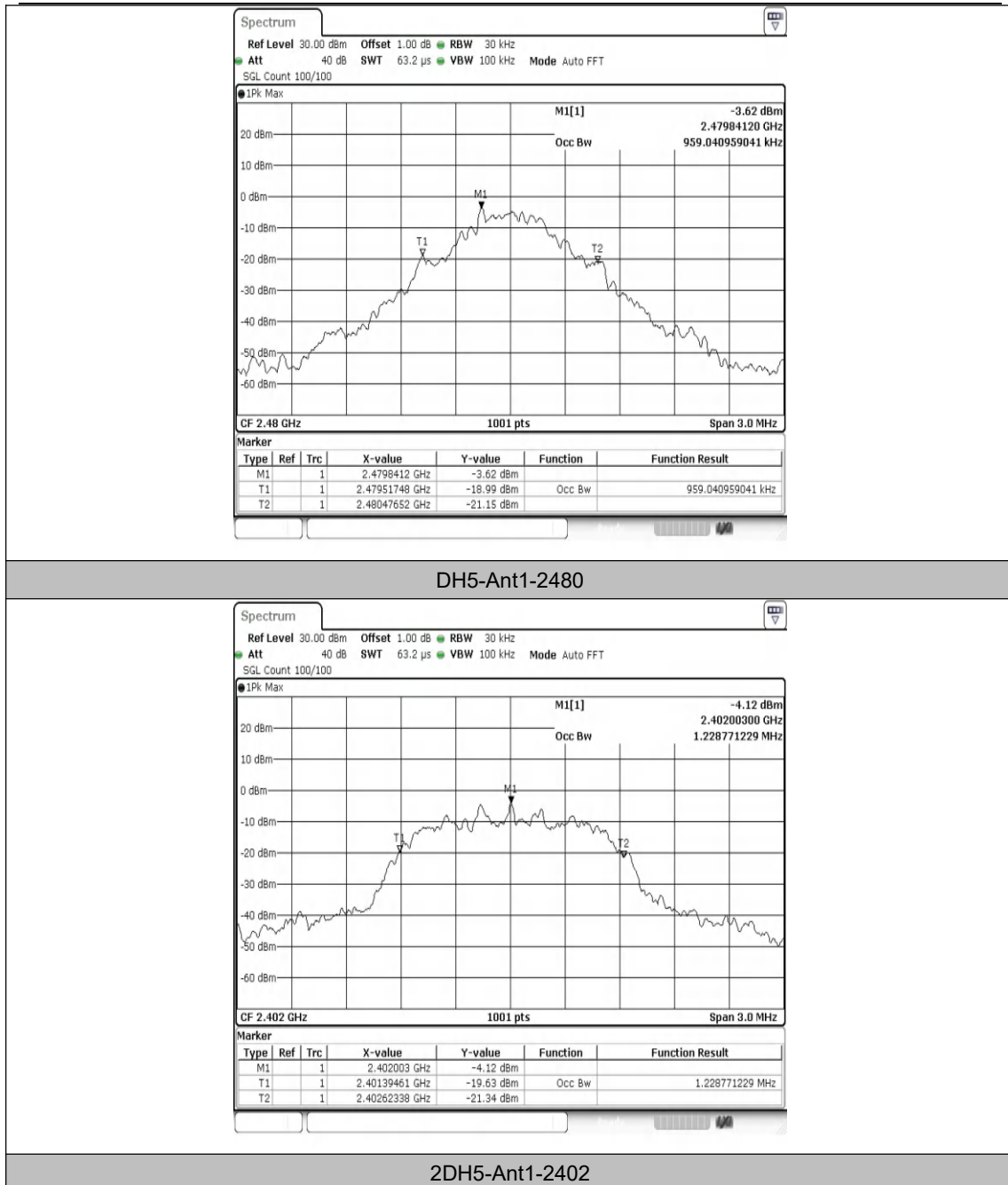
Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.93506	2401.5265	2402.4615	---	---
DH5	Ant1	2441	0.95904	2440.5175	2441.4765	---	---
DH5	Ant1	2480	0.95904	2479.5175	2480.4765	---	---
2DH5	Ant1	2402	1.2288	2401.3946	2402.6234	---	---
2DH5	Ant1	2441	1.2258	2440.3946	2441.6204	---	---
2DH5	Ant1	2480	1.2288	2479.3886	2480.6174	---	---
3DH5	Ant1	2402	1.2318	2401.3826	2402.6144	---	---
3DH5	Ant1	2441	1.2288	2440.3826	2441.6114	---	---
3DH5	Ant1	2480	1.2168	2479.3886	2480.6054	---	---



Test Graphs

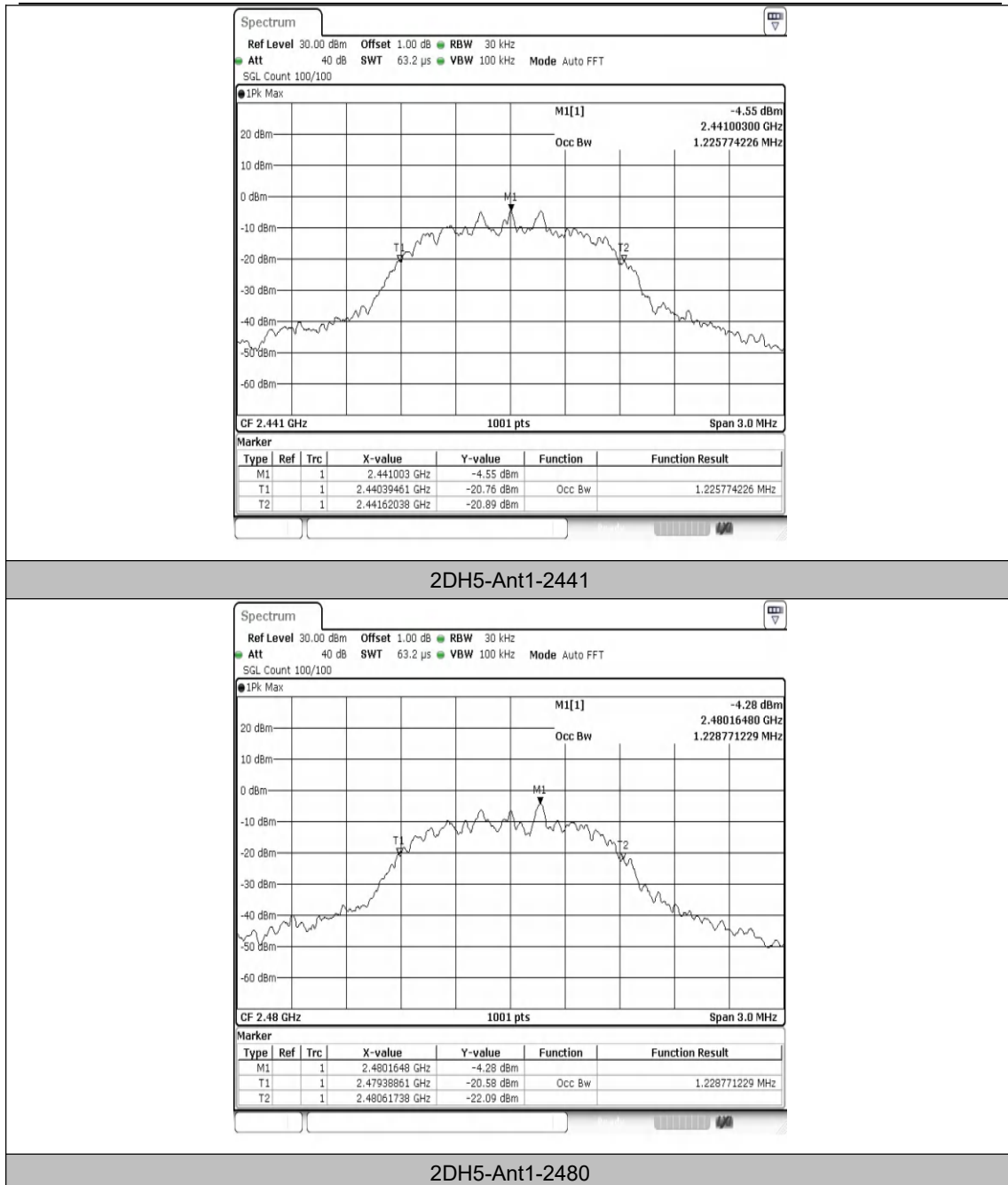




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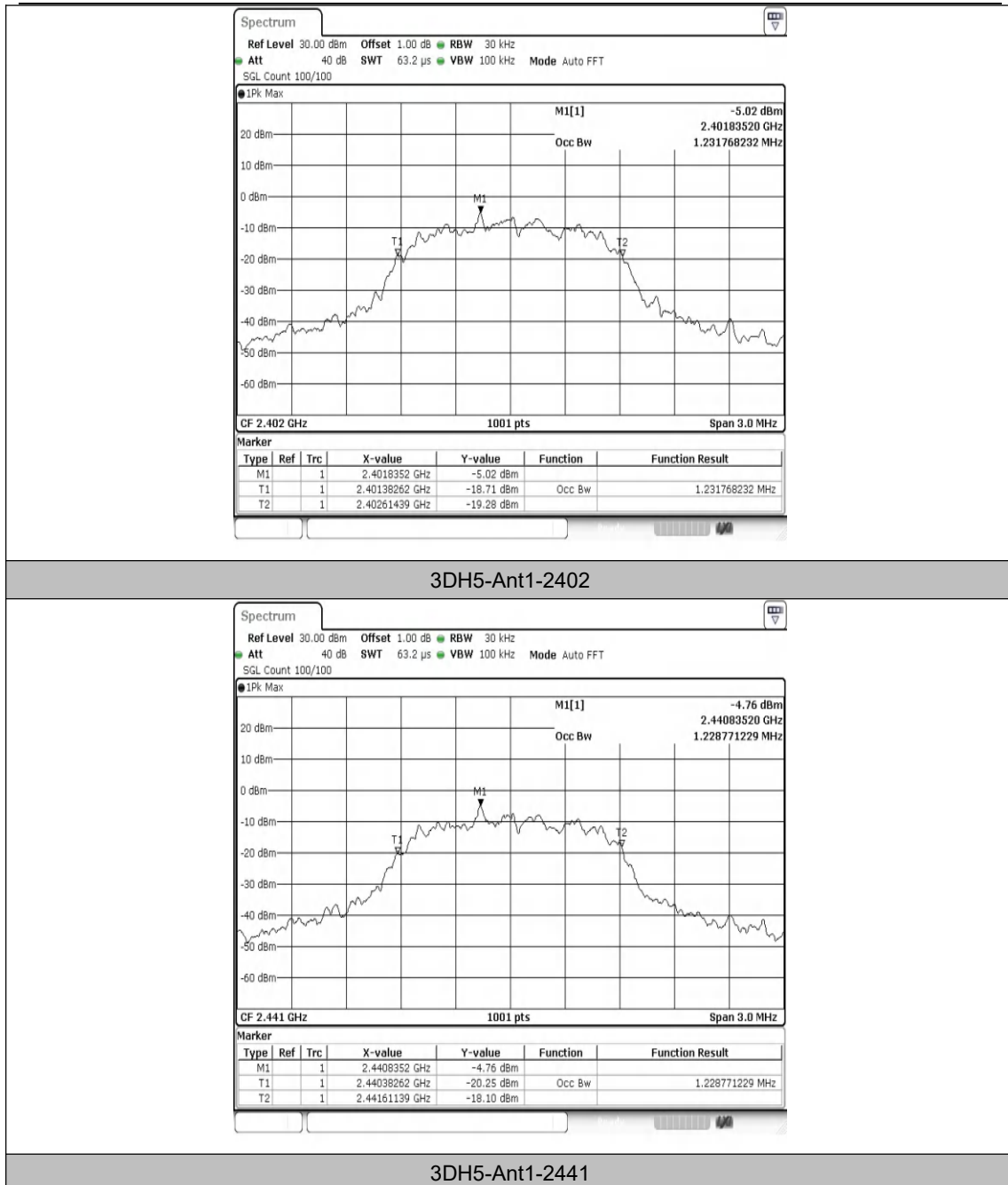
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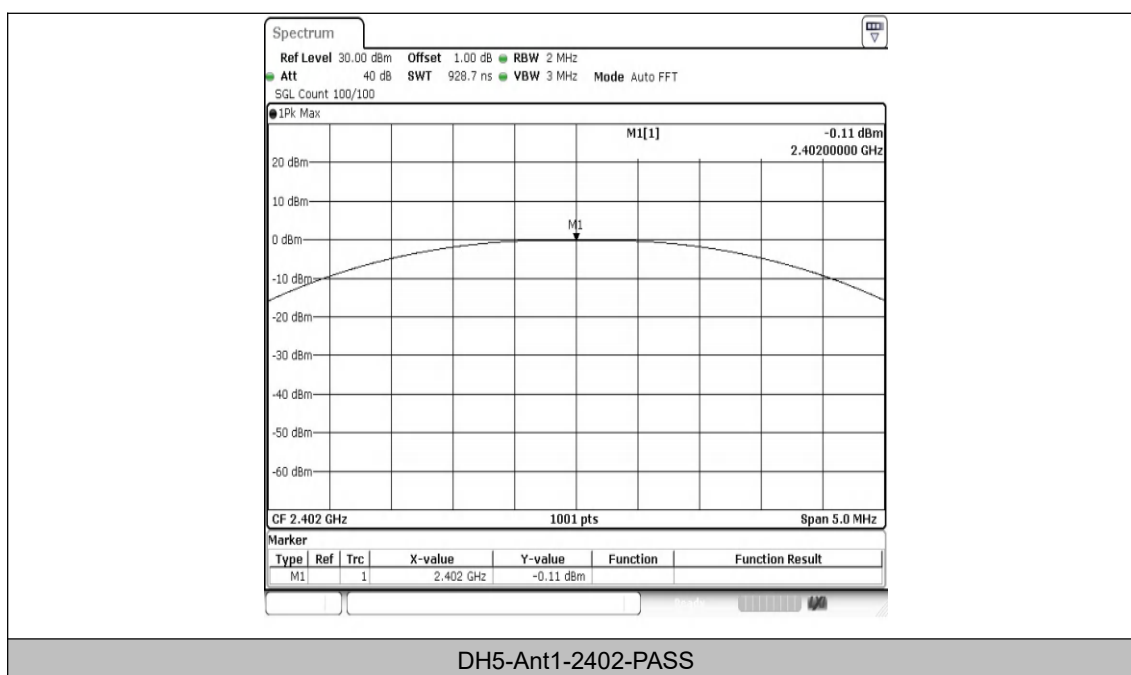
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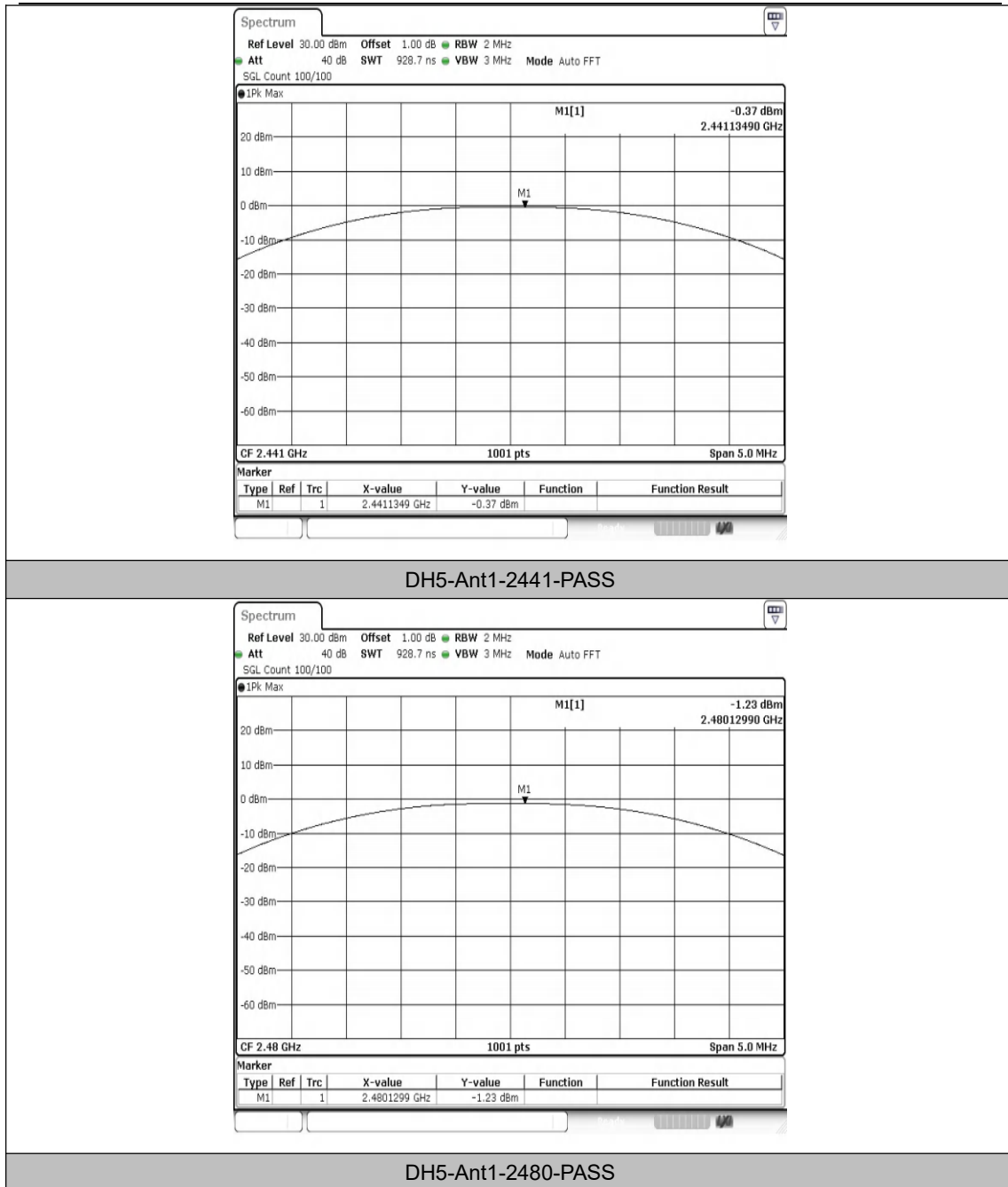
Appendix C: Maximum Conducted Output Power

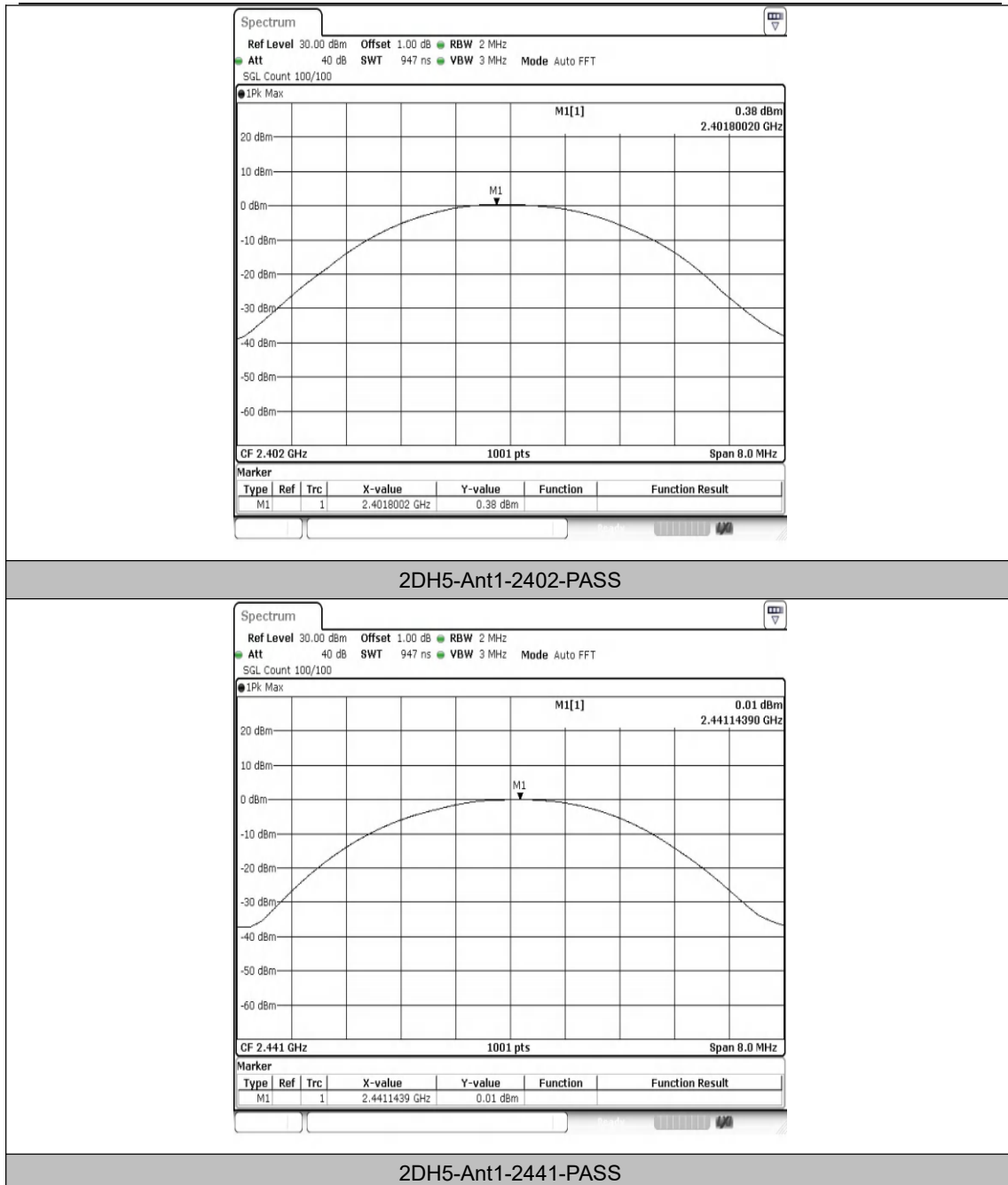
Test Result Peak-Right Earphone

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-0.11	≤20.97	PASS
DH5	Ant1	2441	-0.37	≤20.97	PASS
DH5	Ant1	2480	-1.23	≤20.97	PASS
2DH5	Ant1	2402	0.38	≤20.97	PASS
2DH5	Ant1	2441	0.01	≤20.97	PASS
2DH5	Ant1	2480	-0.72	≤20.97	PASS
3DH5	Ant1	2402	0.72	≤20.97	PASS
3DH5	Ant1	2441	0.36	≤20.97	PASS
3DH5	Ant1	2480	-0.48	≤20.97	PASS

Test Graphs-Right Earphone



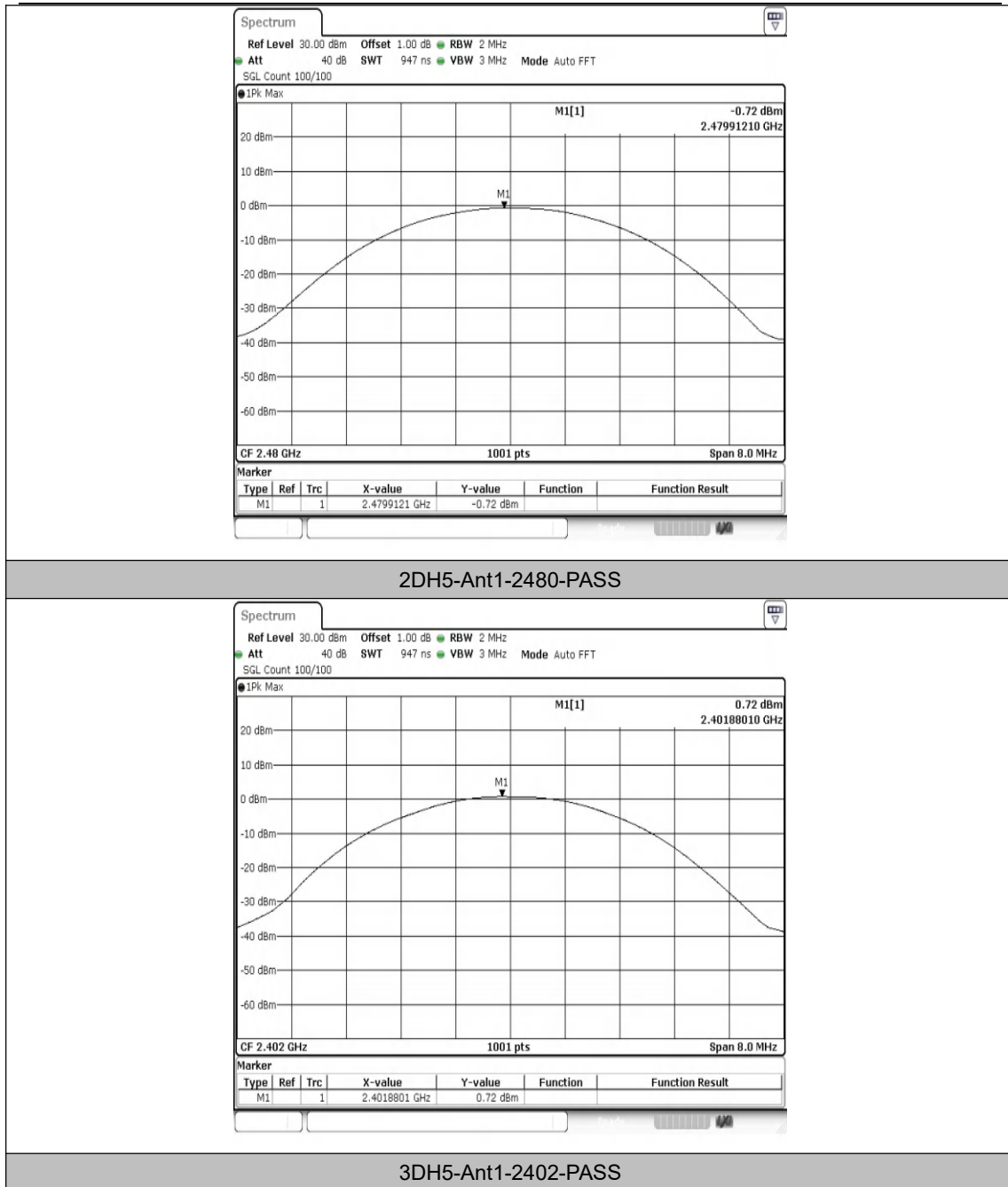


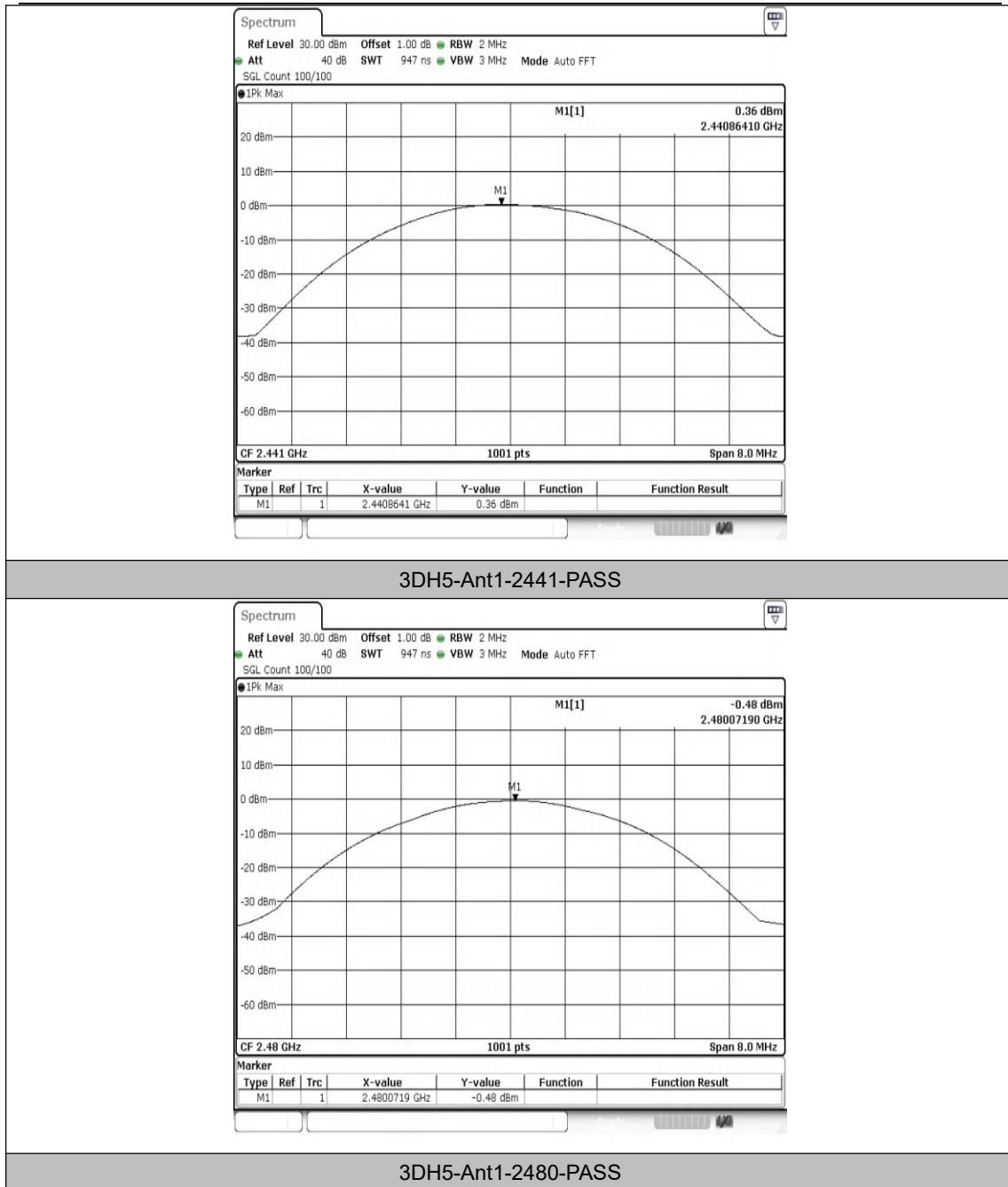


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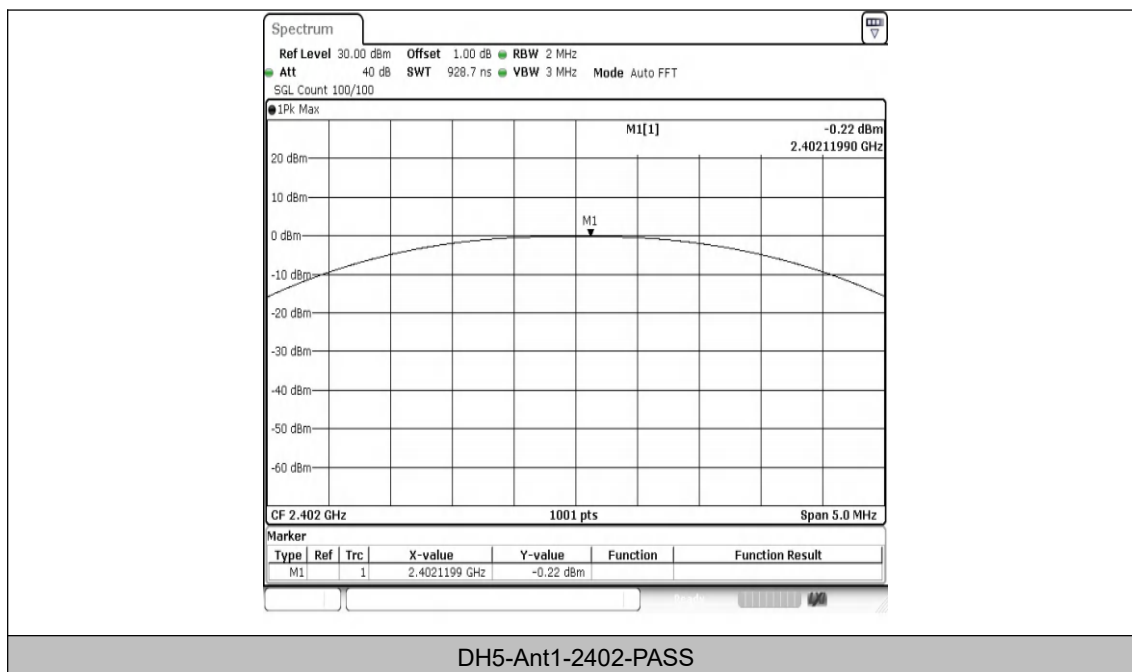
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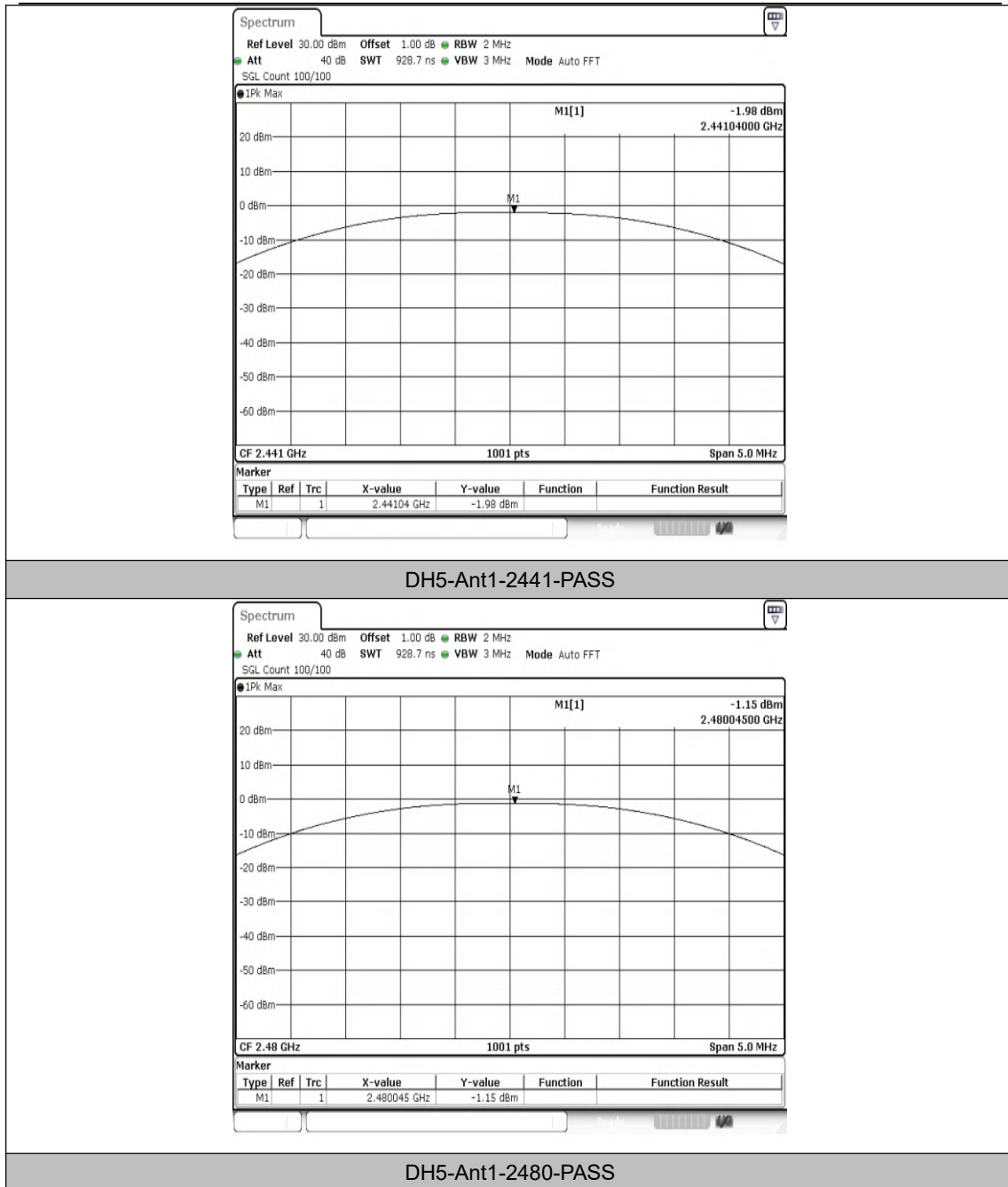
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Test Result Peak-Left Earphone

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-0.22	≤30	PASS
DH5	Ant1	2441	-1.98	≤30	PASS
DH5	Ant1	2480	-1.15	≤30	PASS
2DH5	Ant1	2402	-0.14	≤30	PASS
2DH5	Ant1	2441	-1.67	≤30	PASS
2DH5	Ant1	2480	-0.65	≤30	PASS
3DH5	Ant1	2402	0.63	≤30	PASS
3DH5	Ant1	2441	-1.24	≤30	PASS
3DH5	Ant1	2480	-1.00	≤30	PASS

Test Graphs-Left Earphone

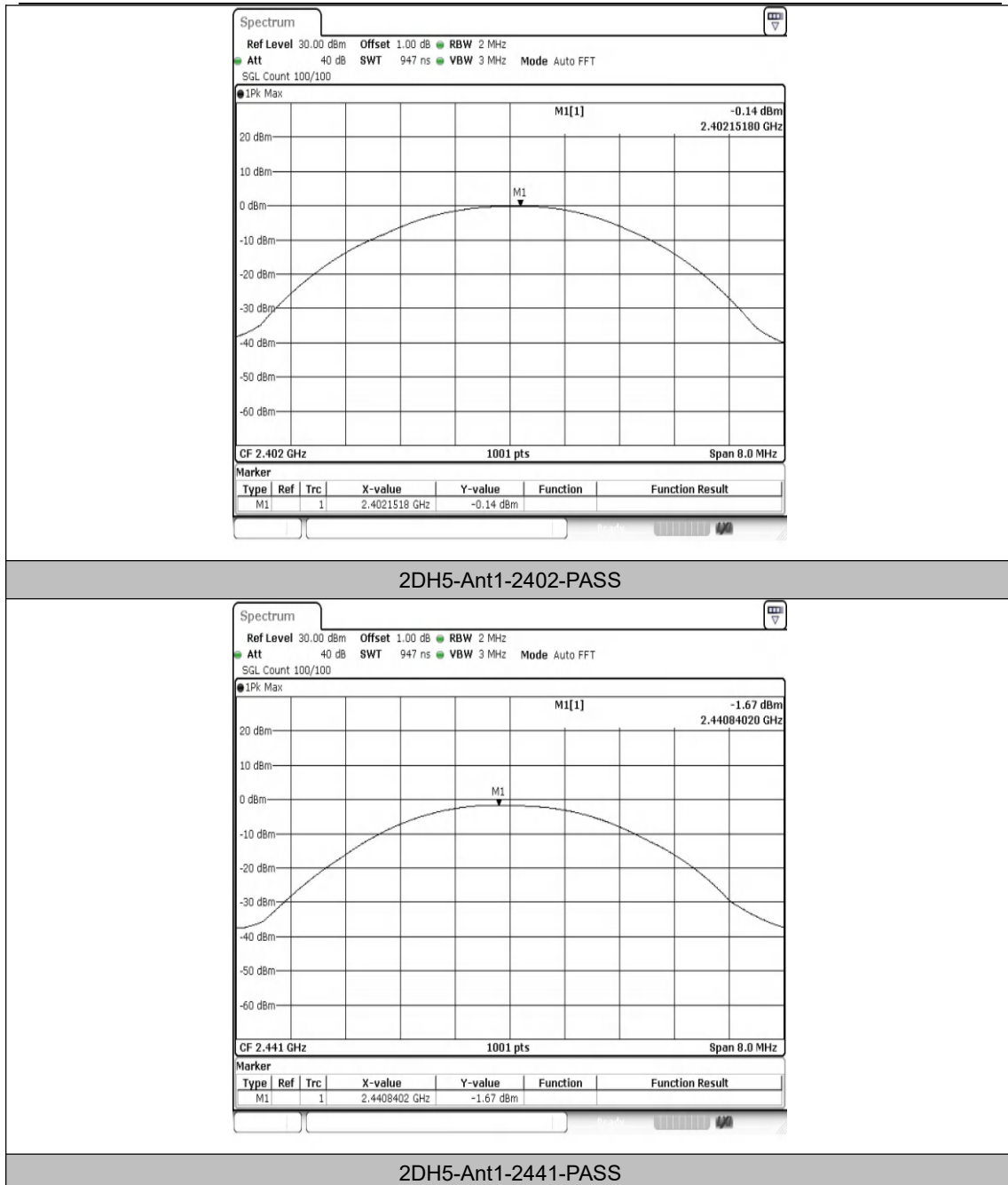


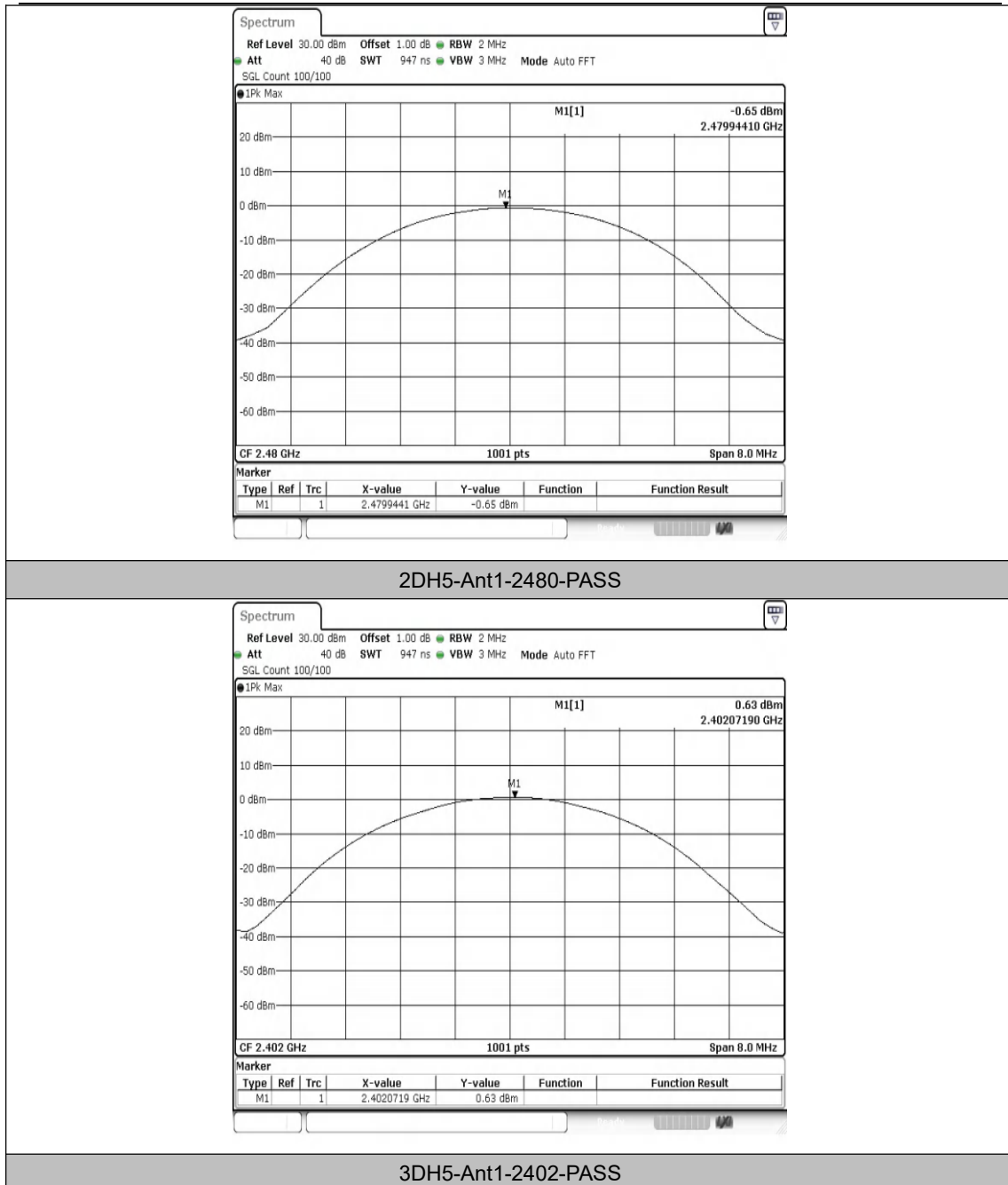


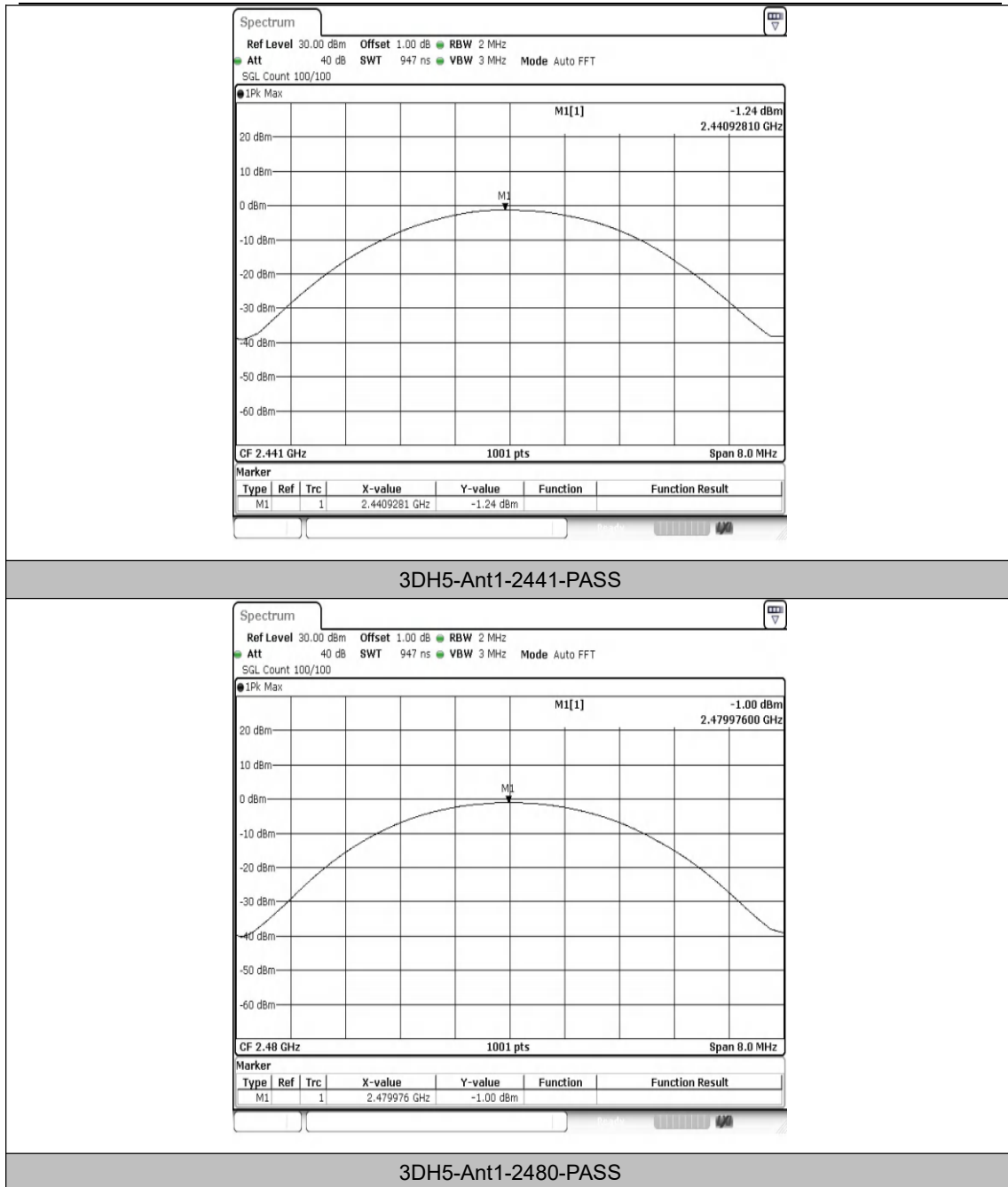
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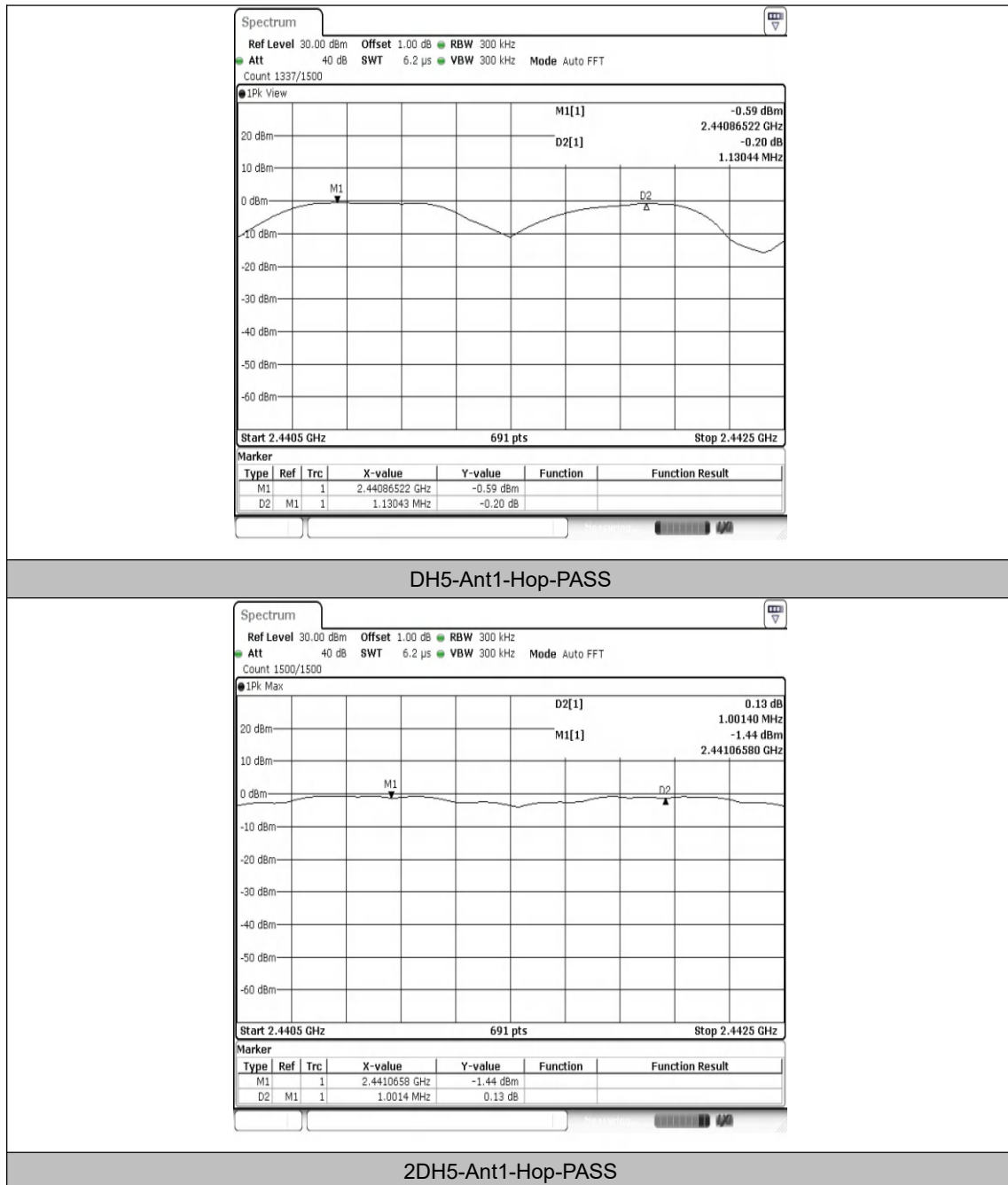
Appendix D: Carrier frequency separation

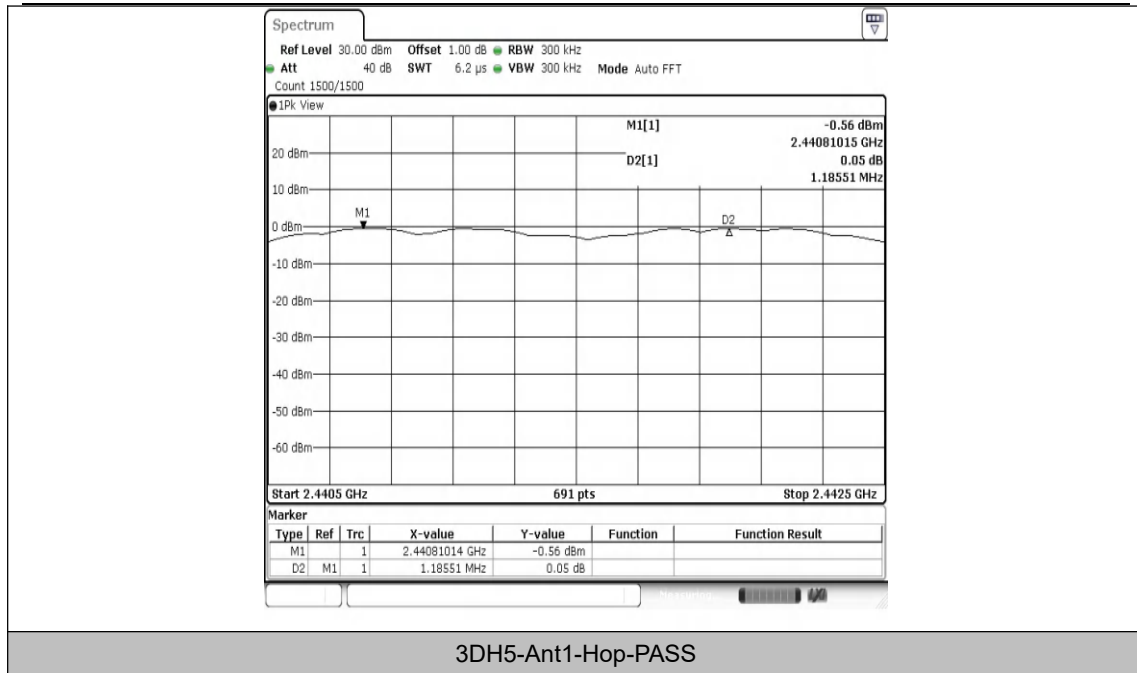
Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.13	≥ 1.070	PASS
2DH5	Ant1	Hop	1.001	≥ 0.893	PASS
3DH5	Ant1	Hop	1.186	≥ 0.907	PASS



Test Graphs





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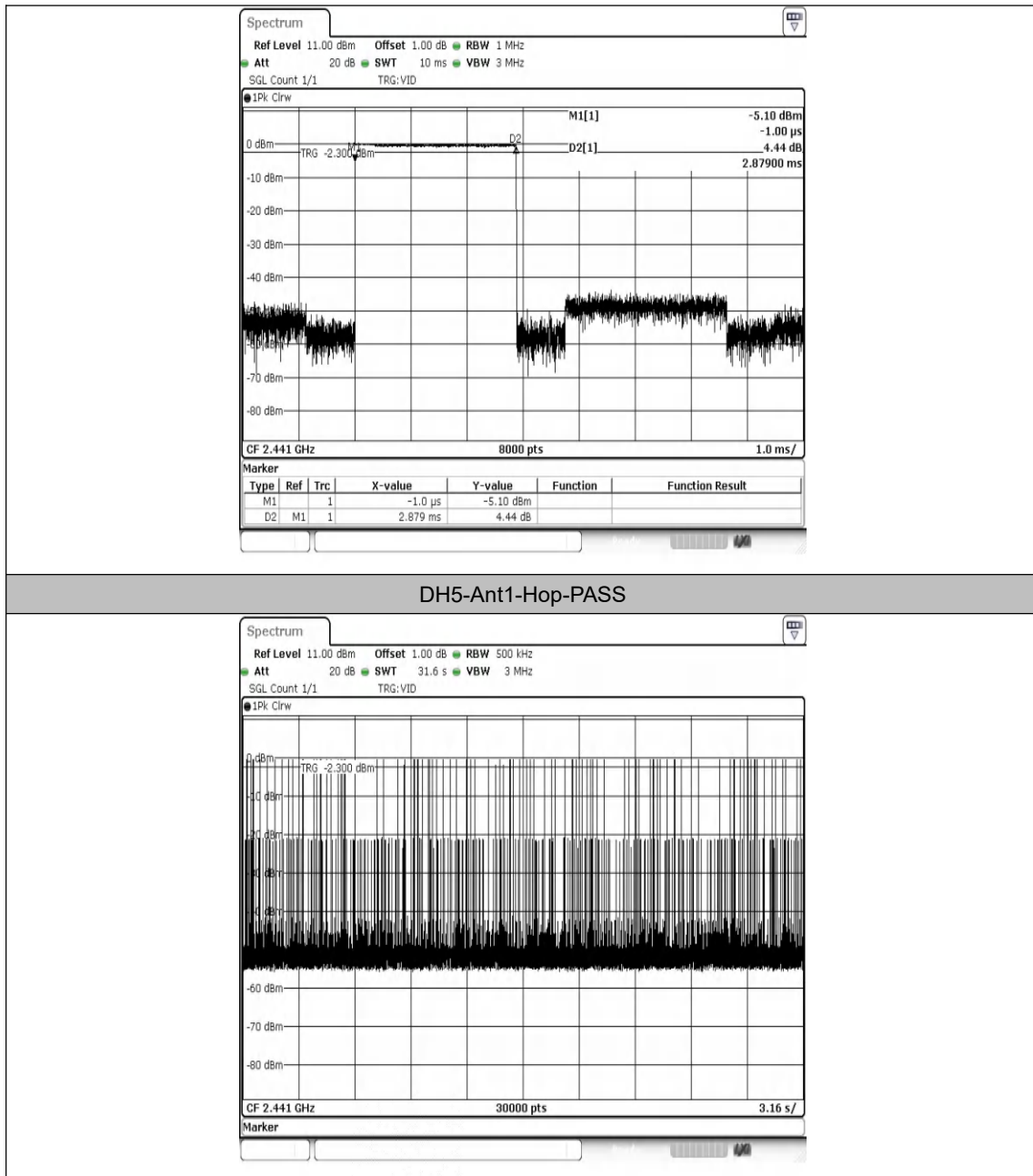
Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.879	102	0.294	≤0.4	PASS
2DH5	Ant1	Hop	2.885	99	0.286	≤0.4	PASS
3DH5	Ant1	Hop	2.887	102	0.294	≤0.4	PASS



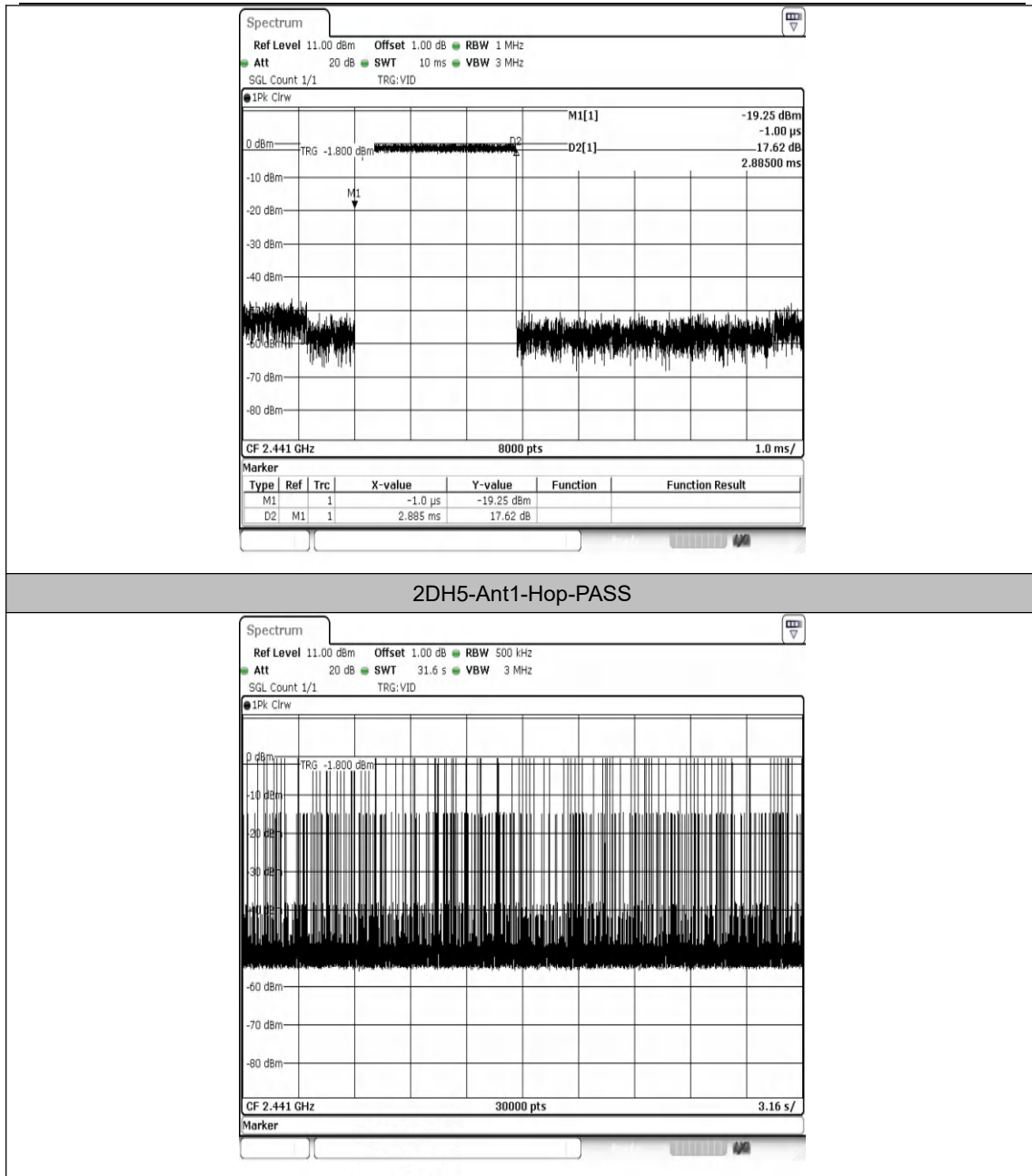
Test Graphs



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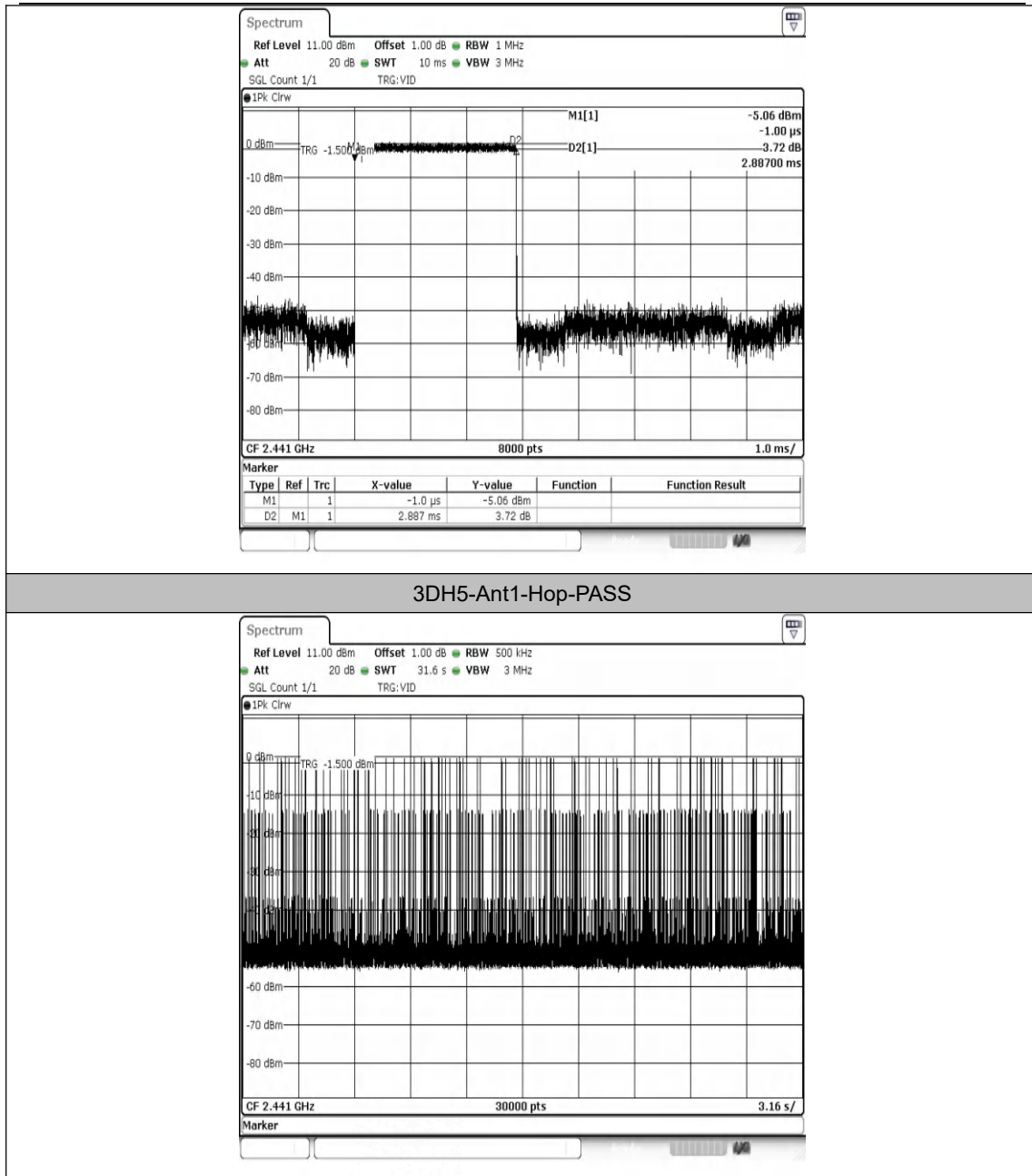
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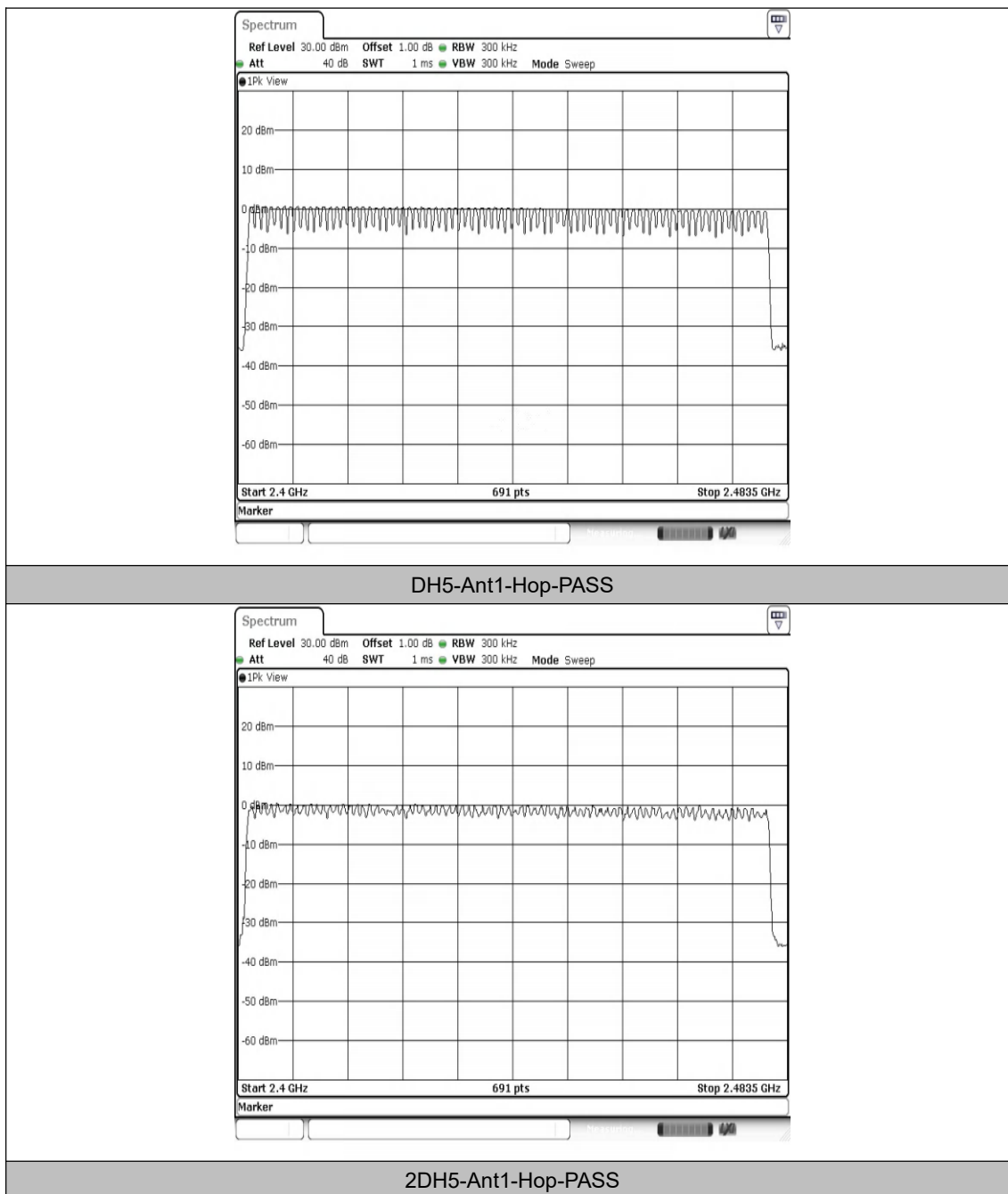
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Appendix F: Number of Hopping Channel

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

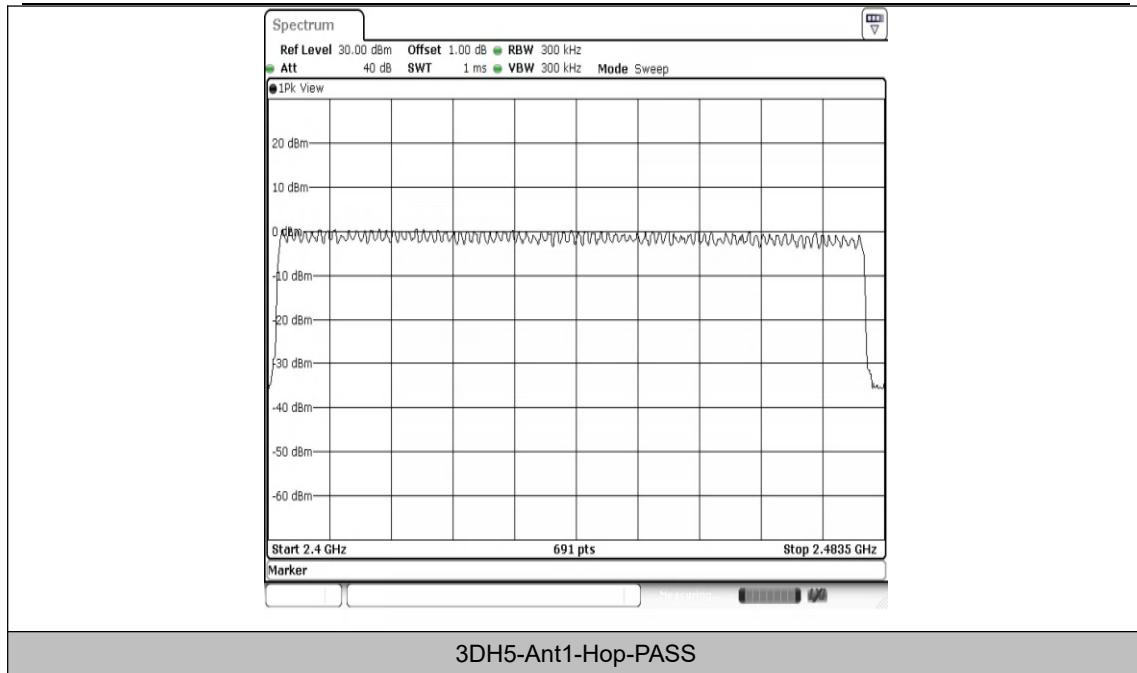
Test Graphs



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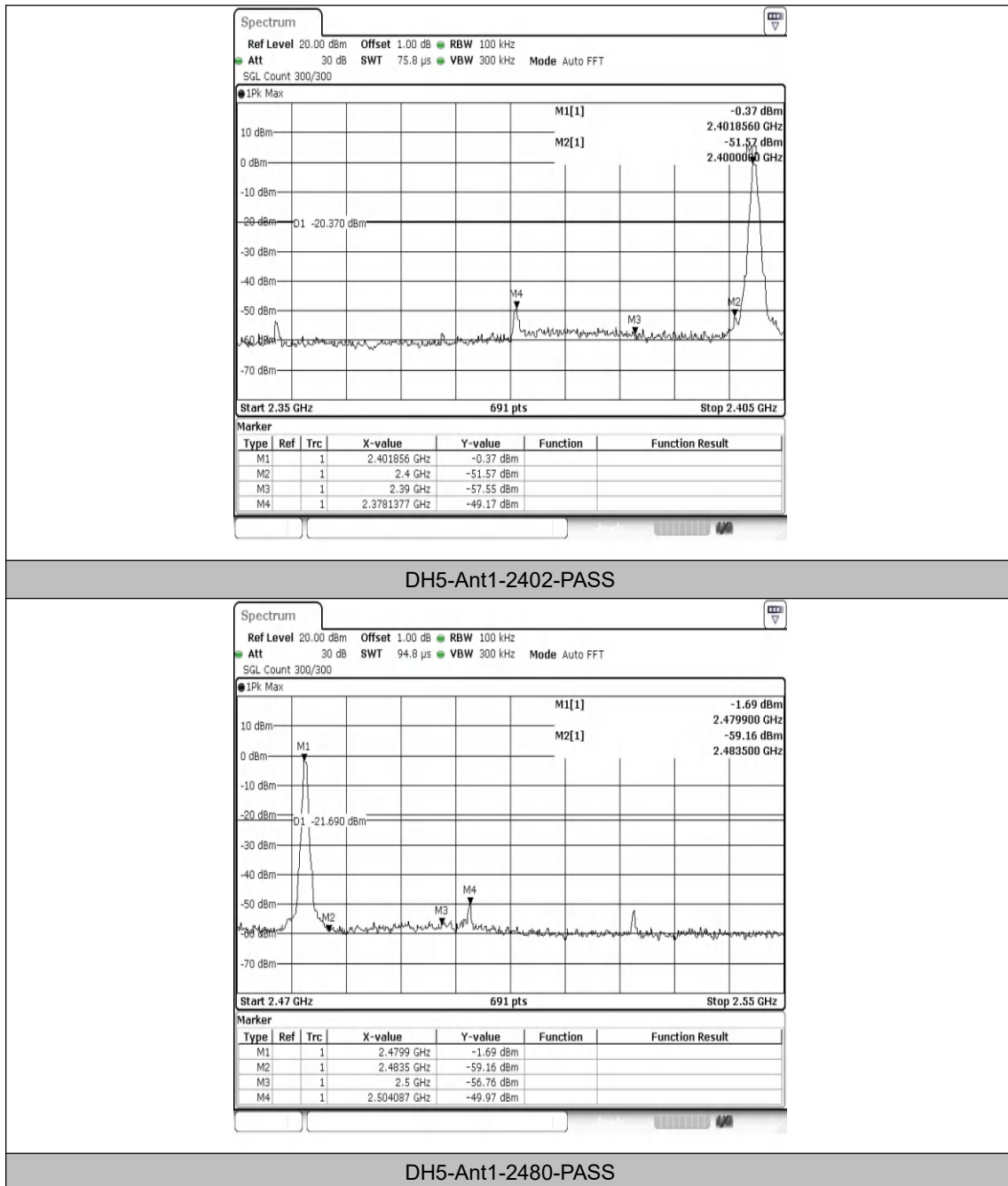
Appendix G: Conducted Band edge

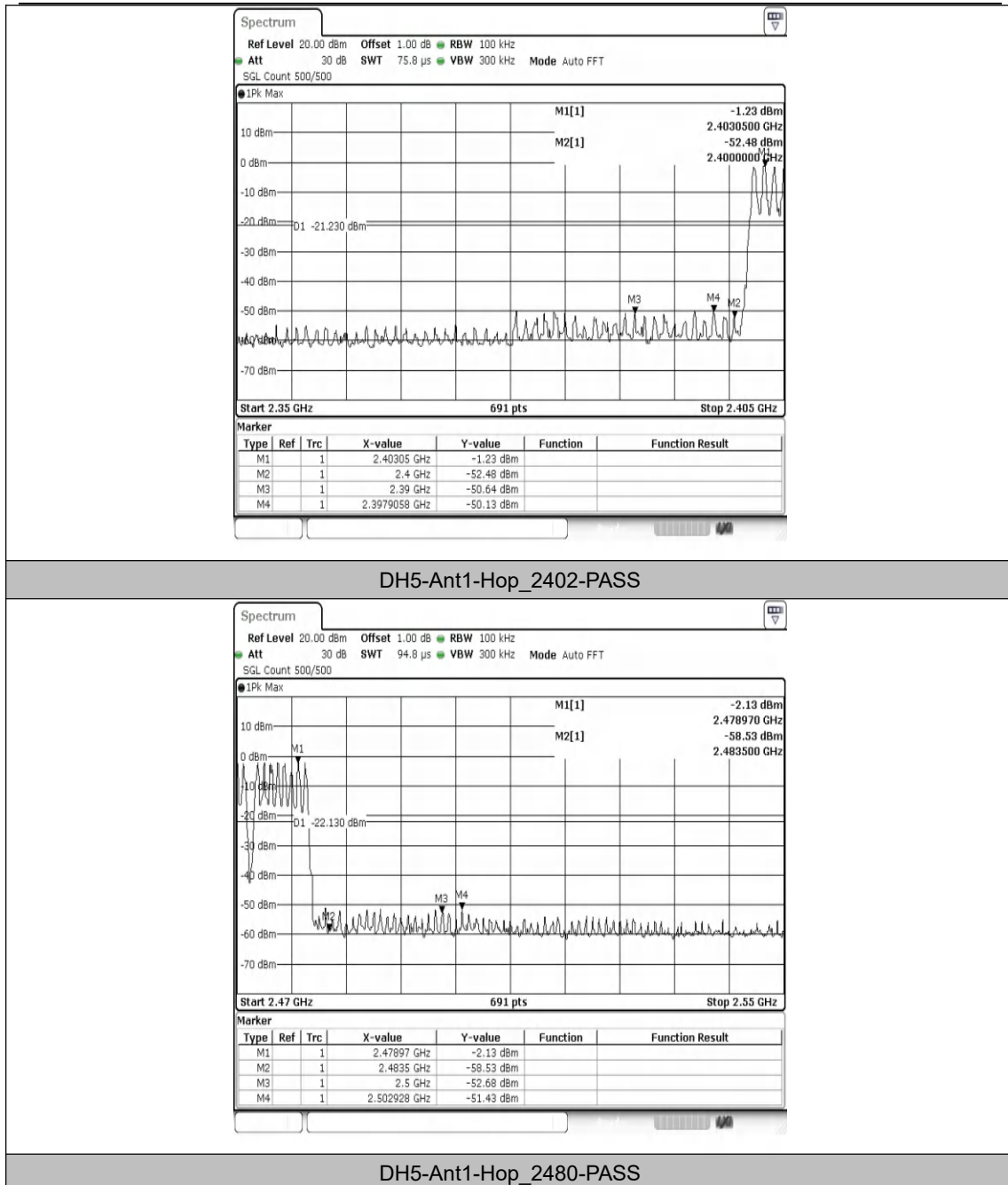
Test Result

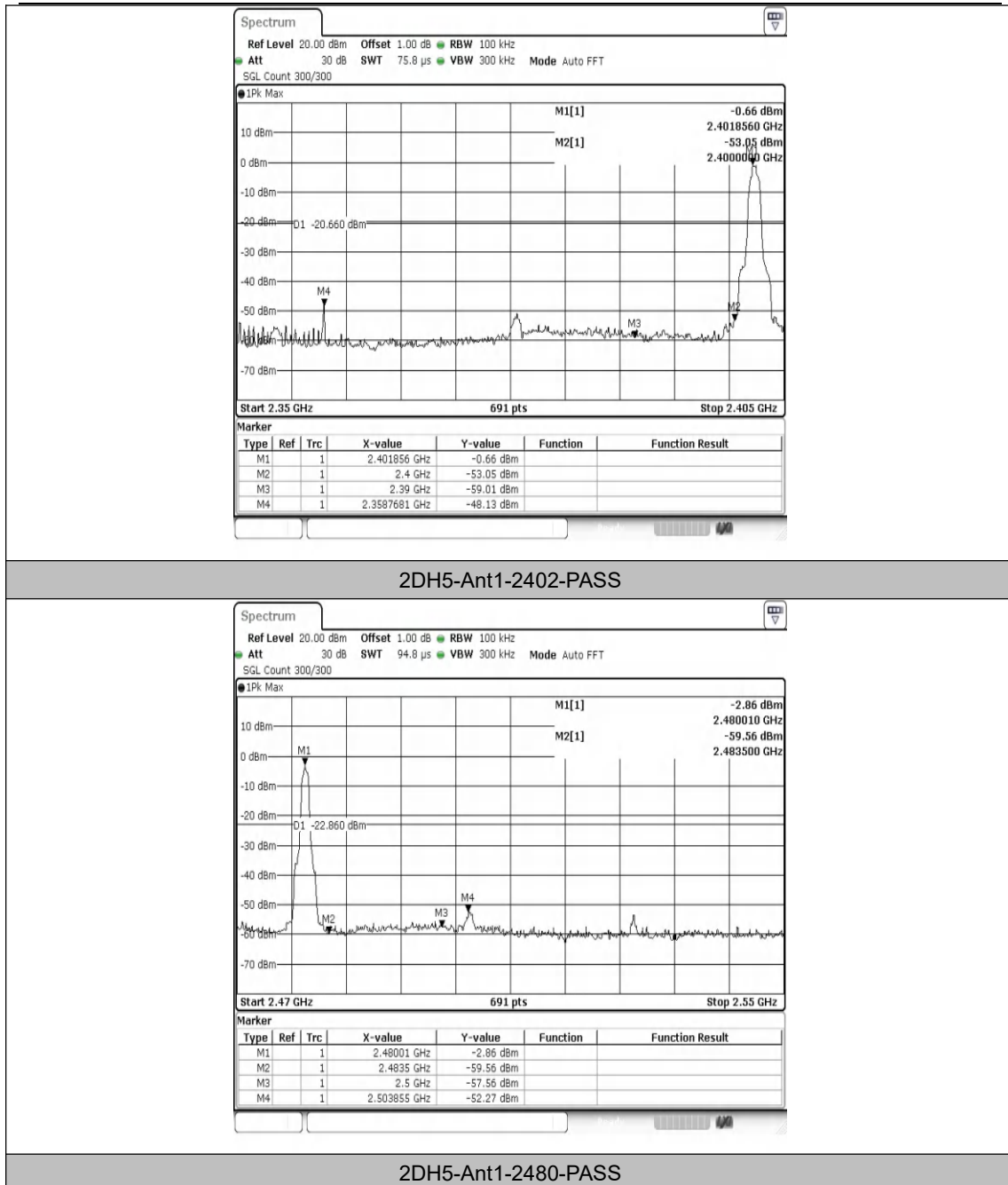
Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.37	-49.17	≤-20.37	PASS
DH5	Ant1	High	2480	-1.69	-49.97	≤-21.69	PASS
DH5	Ant1	Low	Hop_2402	-1.23	-50.13	≤-21.23	PASS
DH5	Ant1	High	Hop_2480	-2.13	-51.43	≤-22.13	PASS
2DH5	Ant1	Low	2402	-0.66	-48.13	≤-20.66	PASS
2DH5	Ant1	High	2480	-2.86	-52.27	≤-22.86	PASS
2DH5	Ant1	Low	Hop_2402	-1.68	-51.04	≤-21.68	PASS
2DH5	Ant1	High	Hop_2480	-2.11	-52.46	≤-22.11	PASS
3DH5	Ant1	Low	2402	-0.26	-51.51	≤-20.26	PASS
3DH5	Ant1	High	2480	-1.61	-51.41	≤-21.61	PASS
3DH5	Ant1	Low	Hop_2402	-4.03	-49.26	≤-24.03	PASS
3DH5	Ant1	High	Hop_2480	-2.55	-52.35	≤-22.55	PASS

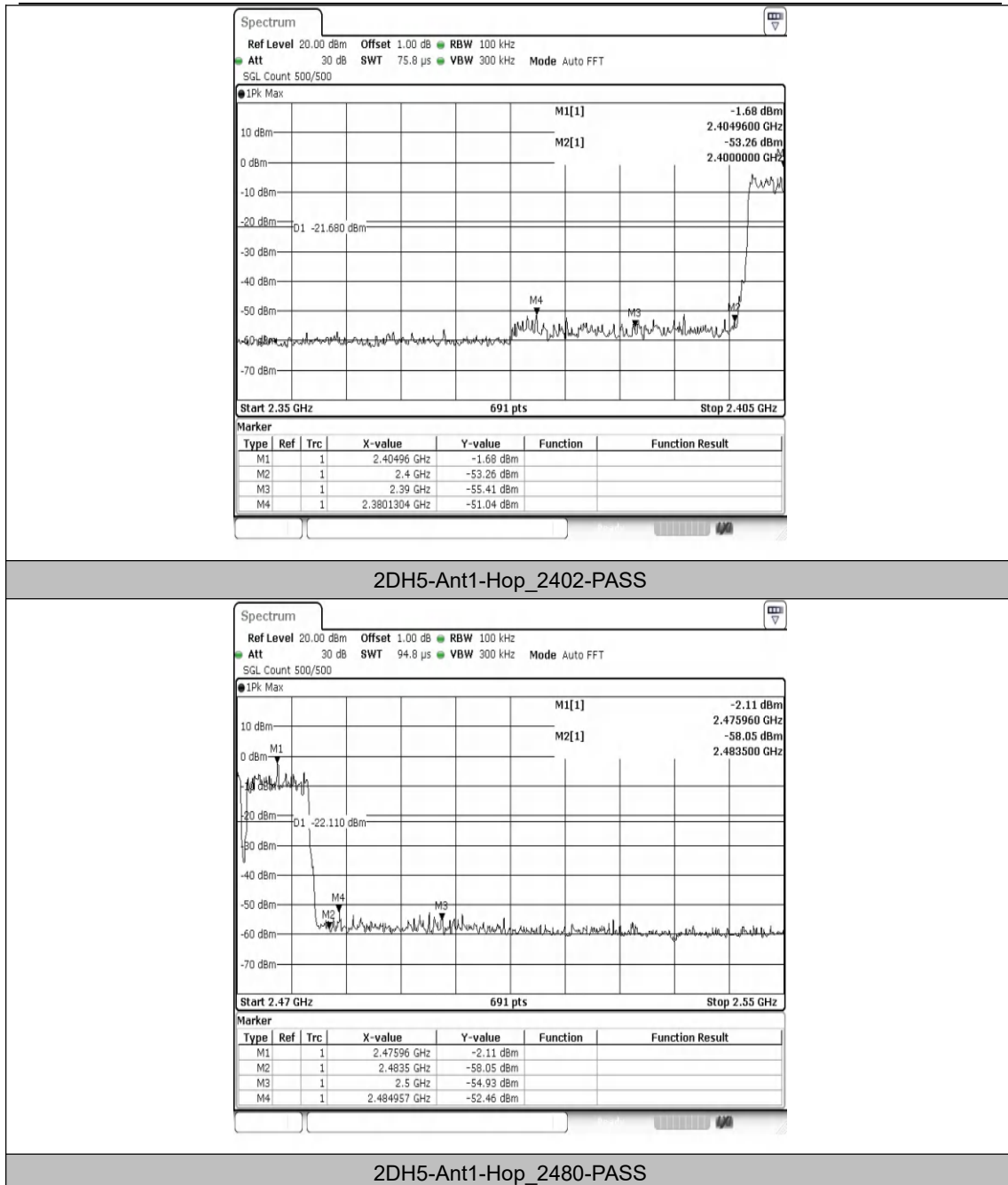
Remark:1. Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'offset' of the Spectrum Analyzer during the test.

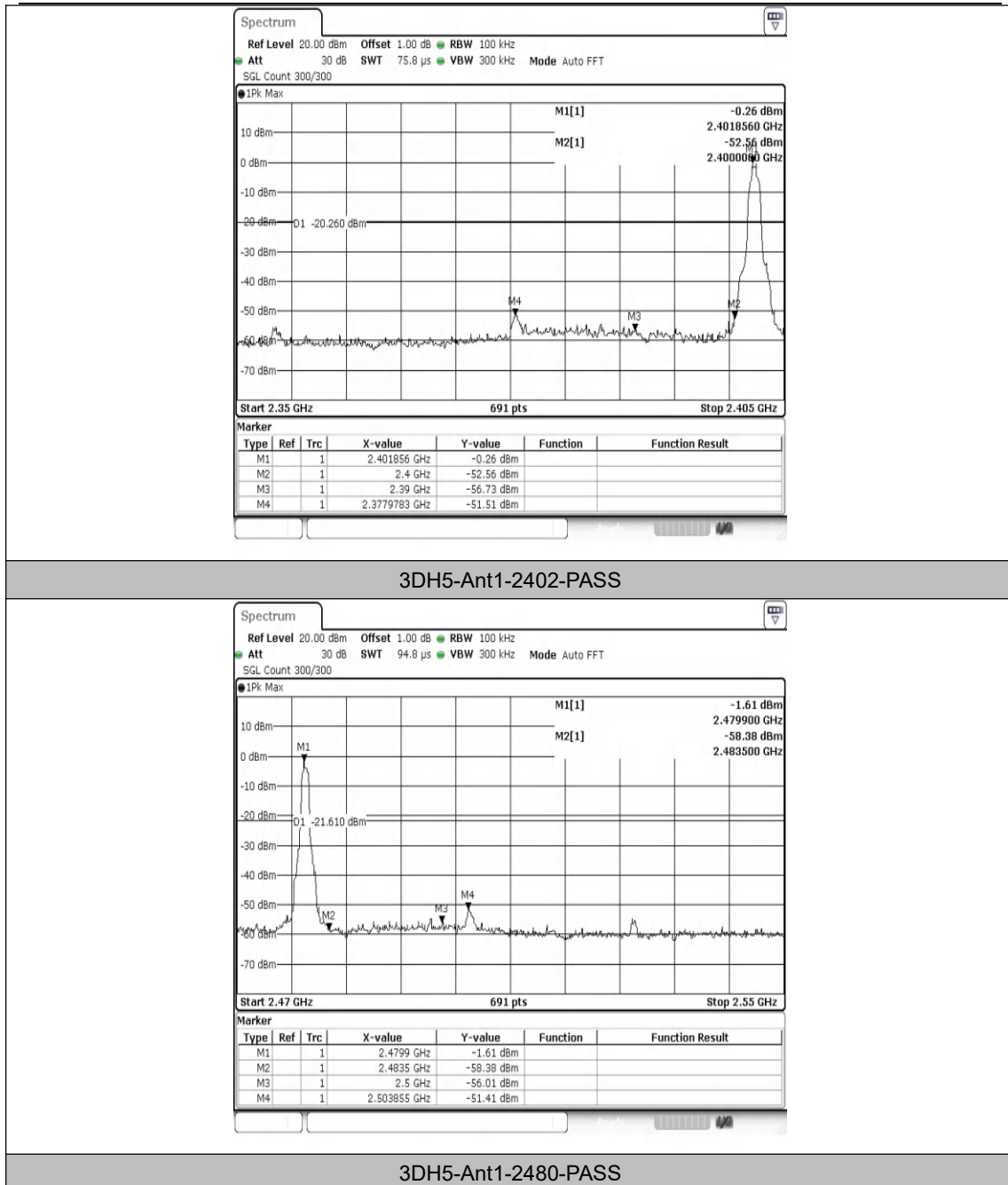
Test Graphs

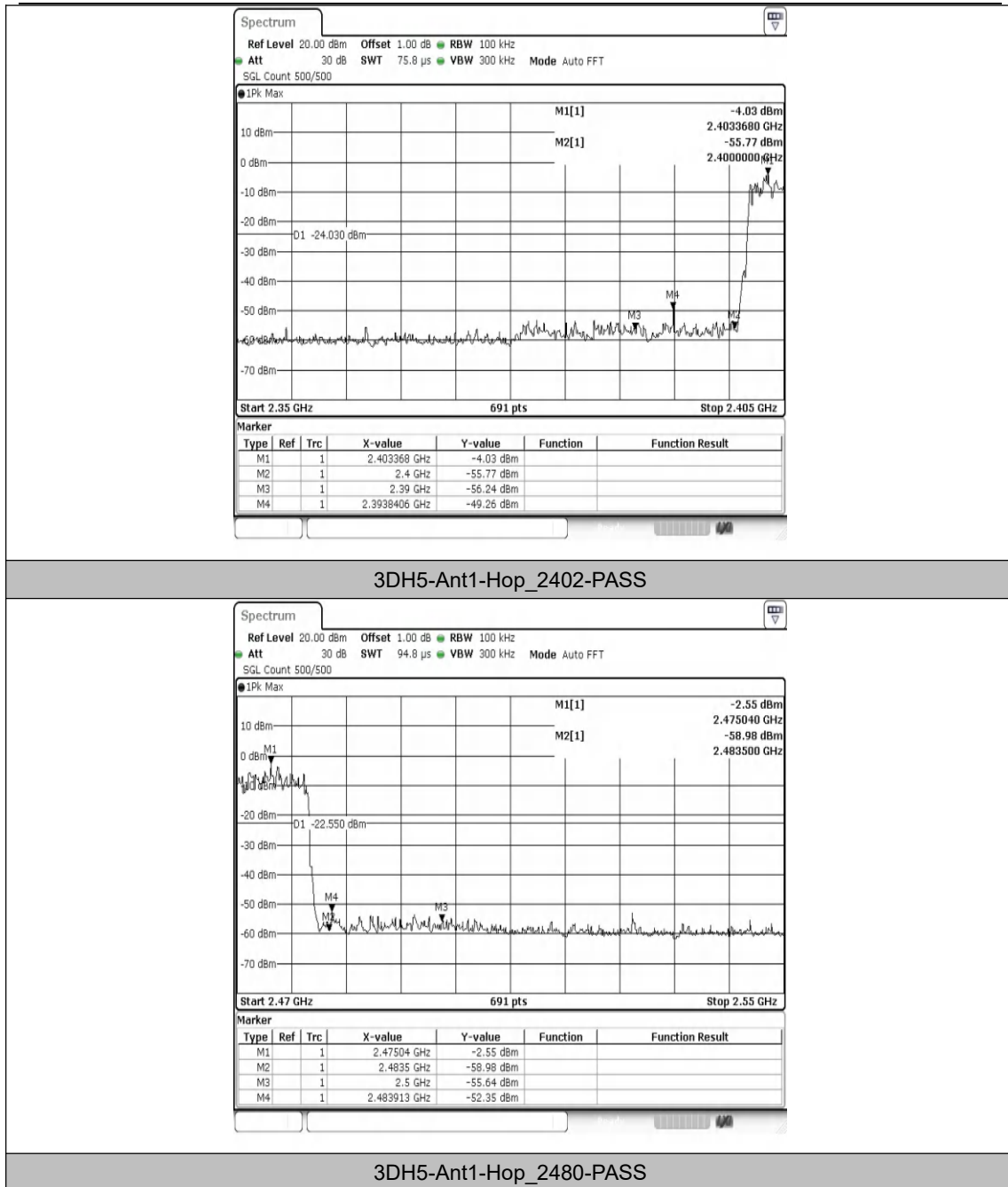












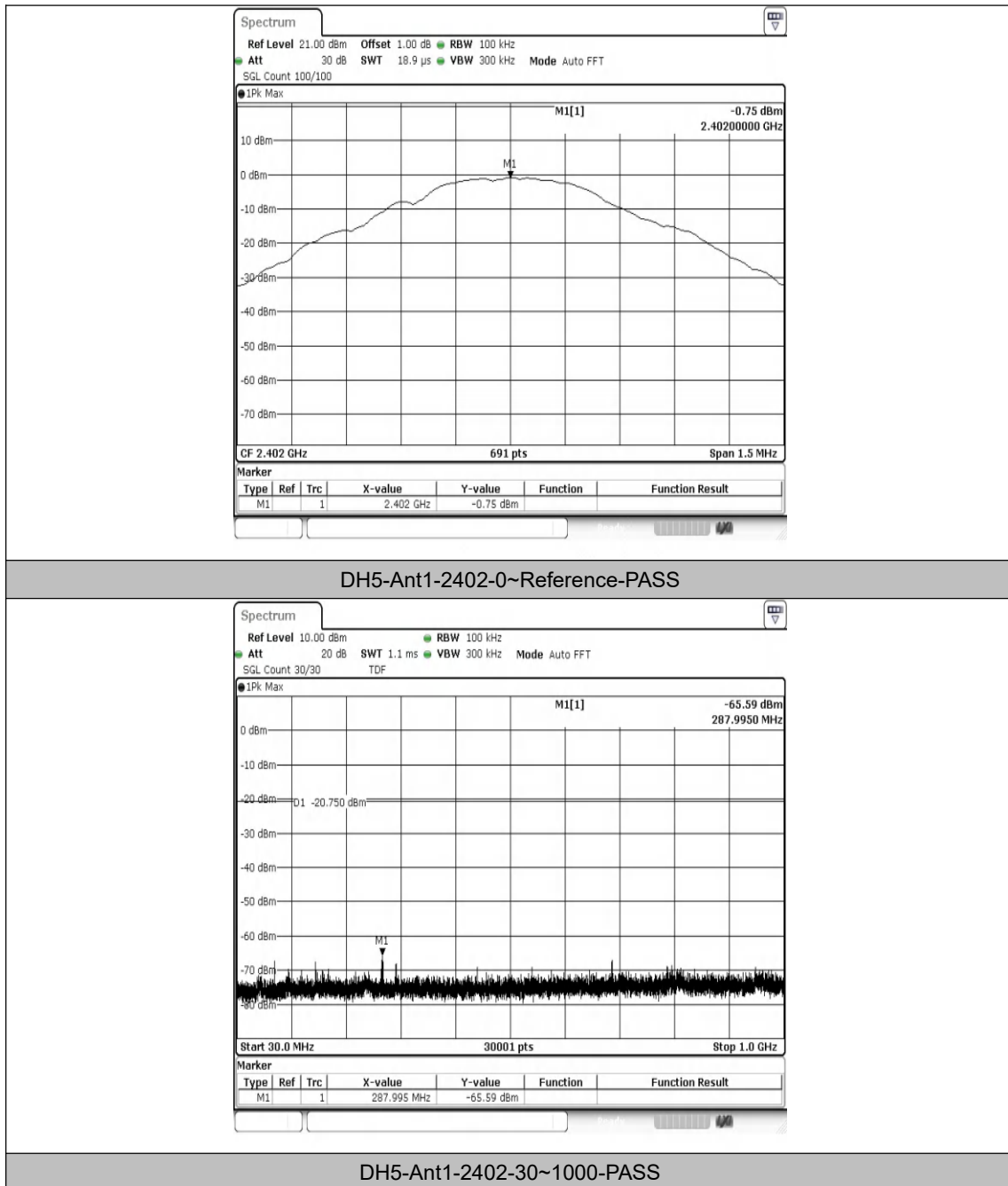
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-0.75	-0.75	---	PASS
DH5	Ant1	2402	30~1000	-0.75	-65.59	≤-20.75	PASS
DH5	Ant1	2402	1000~26500	-0.75	-40.9	≤-20.75	PASS
DH5	Ant1	2441	0~Reference	-1.00	-1.00	---	PASS
DH5	Ant1	2441	30~1000	-1.00	-63.96	≤-21	PASS
DH5	Ant1	2441	1000~26500	-1.00	-38.71	≤-21	PASS
DH5	Ant1	2480	0~Reference	-2.14	-2.14	---	PASS
DH5	Ant1	2480	30~1000	-2.14	-65.03	≤-22.14	PASS
DH5	Ant1	2480	1000~26500	-2.14	-40.45	≤-22.14	PASS
2DH5	Ant1	2402	0~Reference	-1.67	-1.67	---	PASS
2DH5	Ant1	2402	30~1000	-1.67	-67.56	≤-21.67	PASS
2DH5	Ant1	2402	1000~26500	-1.67	-42.13	≤-21.67	PASS
2DH5	Ant1	2441	0~Reference	-2.08	-2.08	---	PASS
2DH5	Ant1	2441	30~1000	-2.08	-67.6	≤-22.08	PASS
2DH5	Ant1	2441	1000~26500	-2.08	-39.9	≤-22.08	PASS
2DH5	Ant1	2480	0~Reference	-1.96	-1.96	---	PASS
2DH5	Ant1	2480	30~1000	-1.96	-62.37	≤-21.96	PASS
2DH5	Ant1	2480	1000~26500	-1.96	-40.96	≤-21.96	PASS
3DH5	Ant1	2402	0~Reference	-3.86	-3.86	---	PASS
3DH5	Ant1	2402	30~1000	-3.86	-65.29	≤-23.86	PASS
3DH5	Ant1	2402	1000~26500	-3.86	-39.14	≤-23.86	PASS
3DH5	Ant1	2441	0~Reference	-1.06	-1.06	---	PASS
3DH5	Ant1	2441	30~1000	-1.06	-67.82	≤-21.06	PASS
3DH5	Ant1	2441	1000~26500	-1.06	-40.5	≤-21.06	PASS
3DH5	Ant1	2480	0~Reference	-2.11	-2.11	---	PASS
3DH5	Ant1	2480	30~1000	-2.11	-64.92	≤-22.11	PASS
3DH5	Ant1	2480	1000~26500	-2.11	-42.2	≤-22.11	PASS

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose and attenuator factors have been set in the 'TDF' of the Spectrum Analyzer during the test.

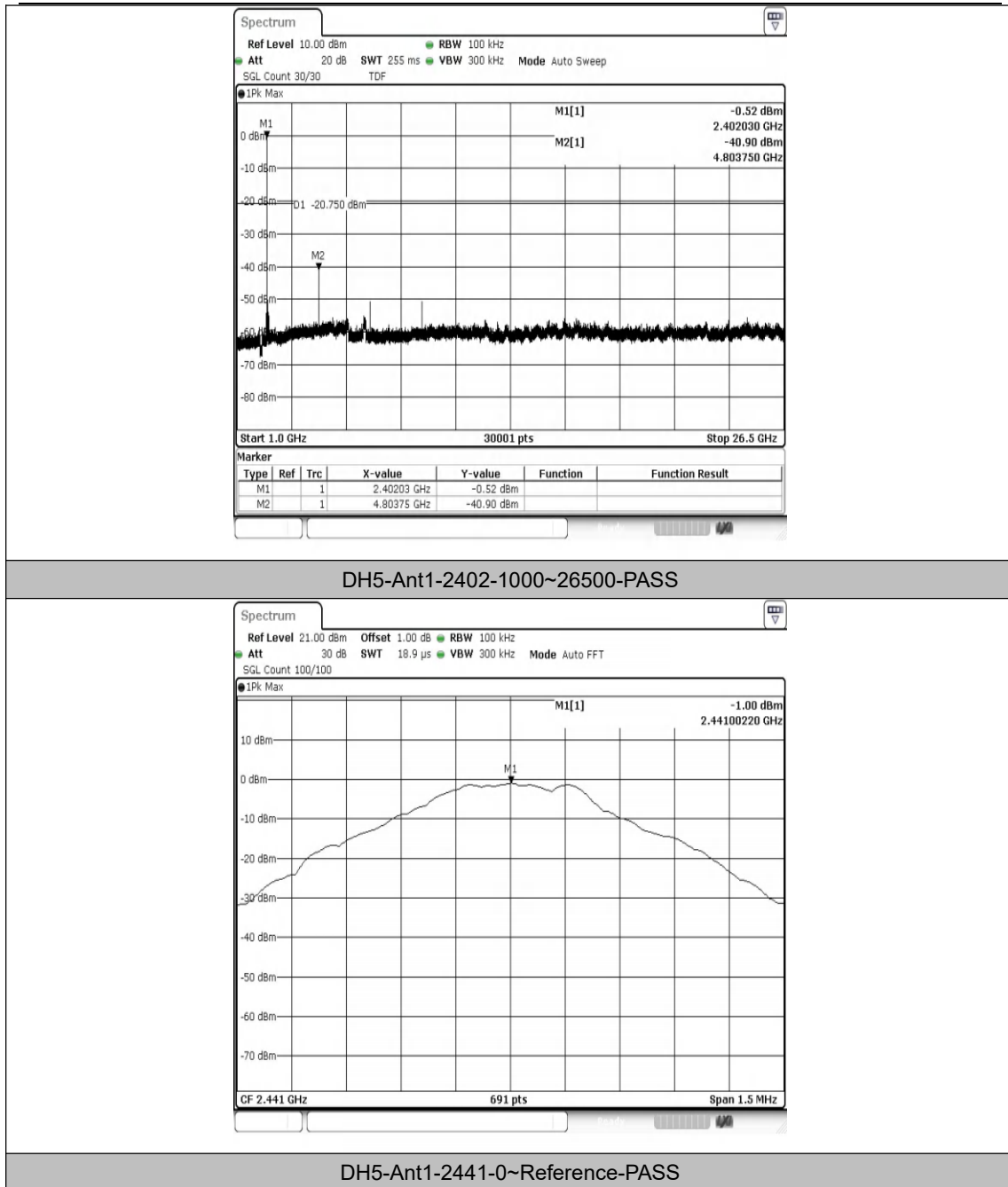
Test Graphs



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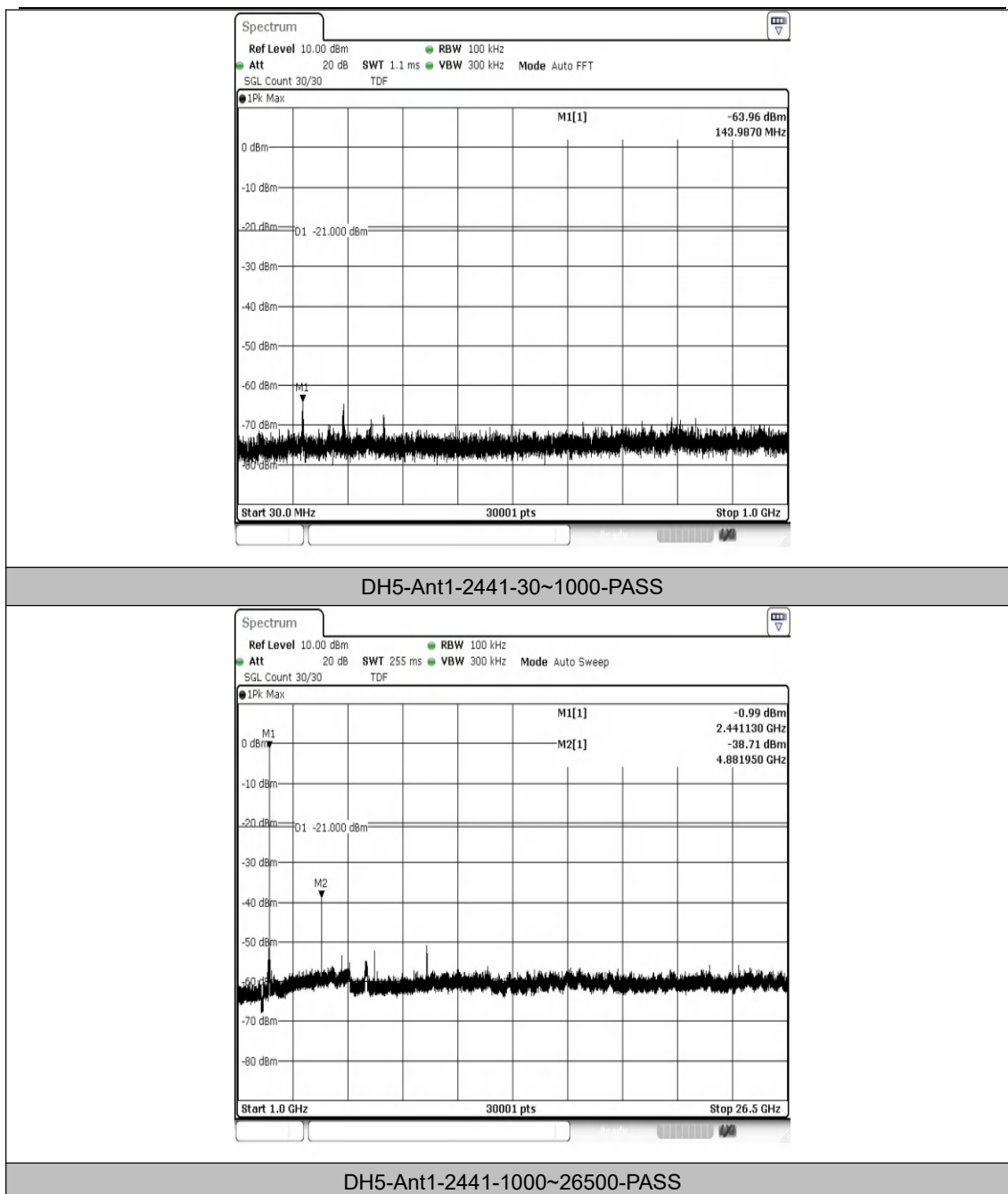
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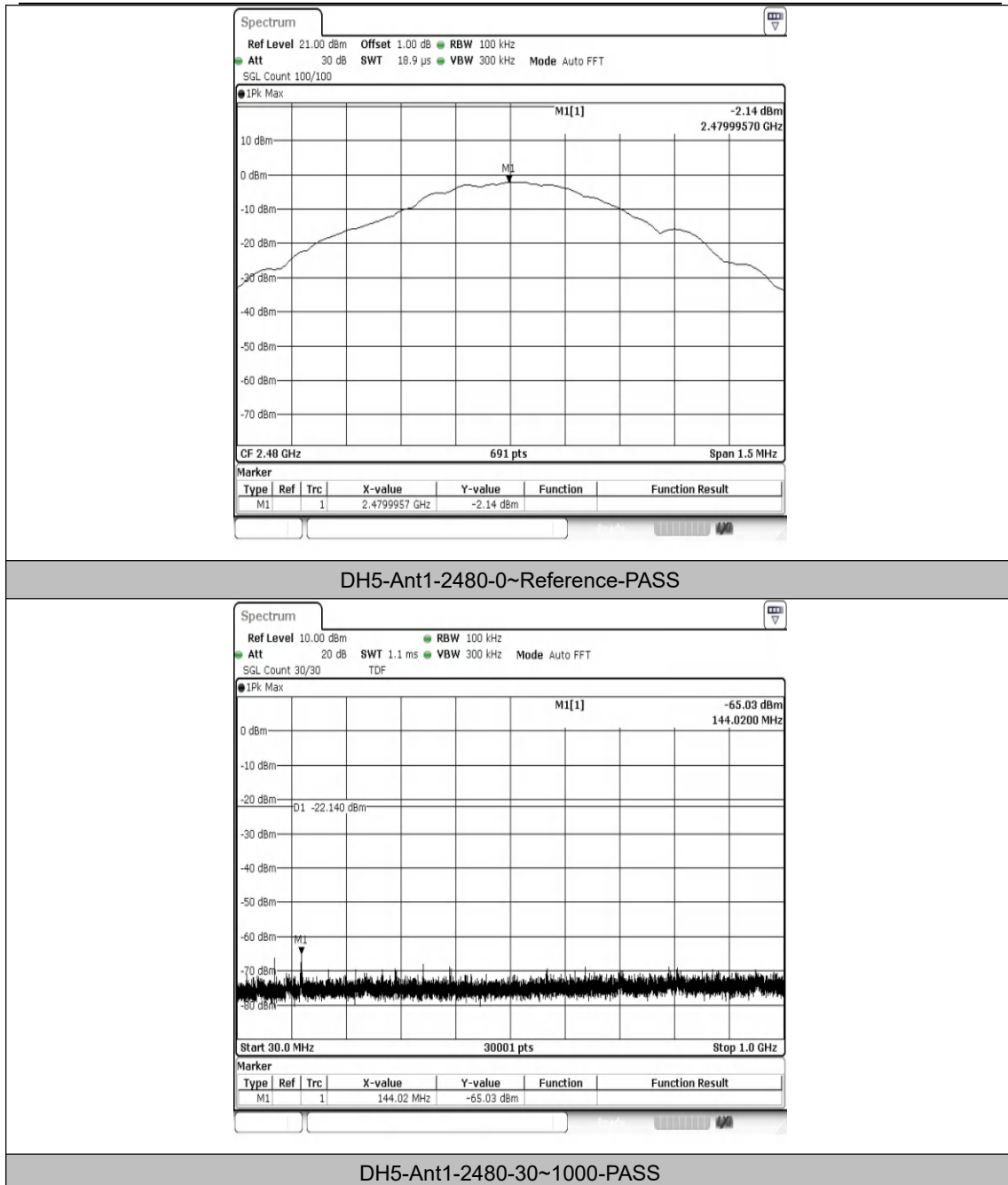


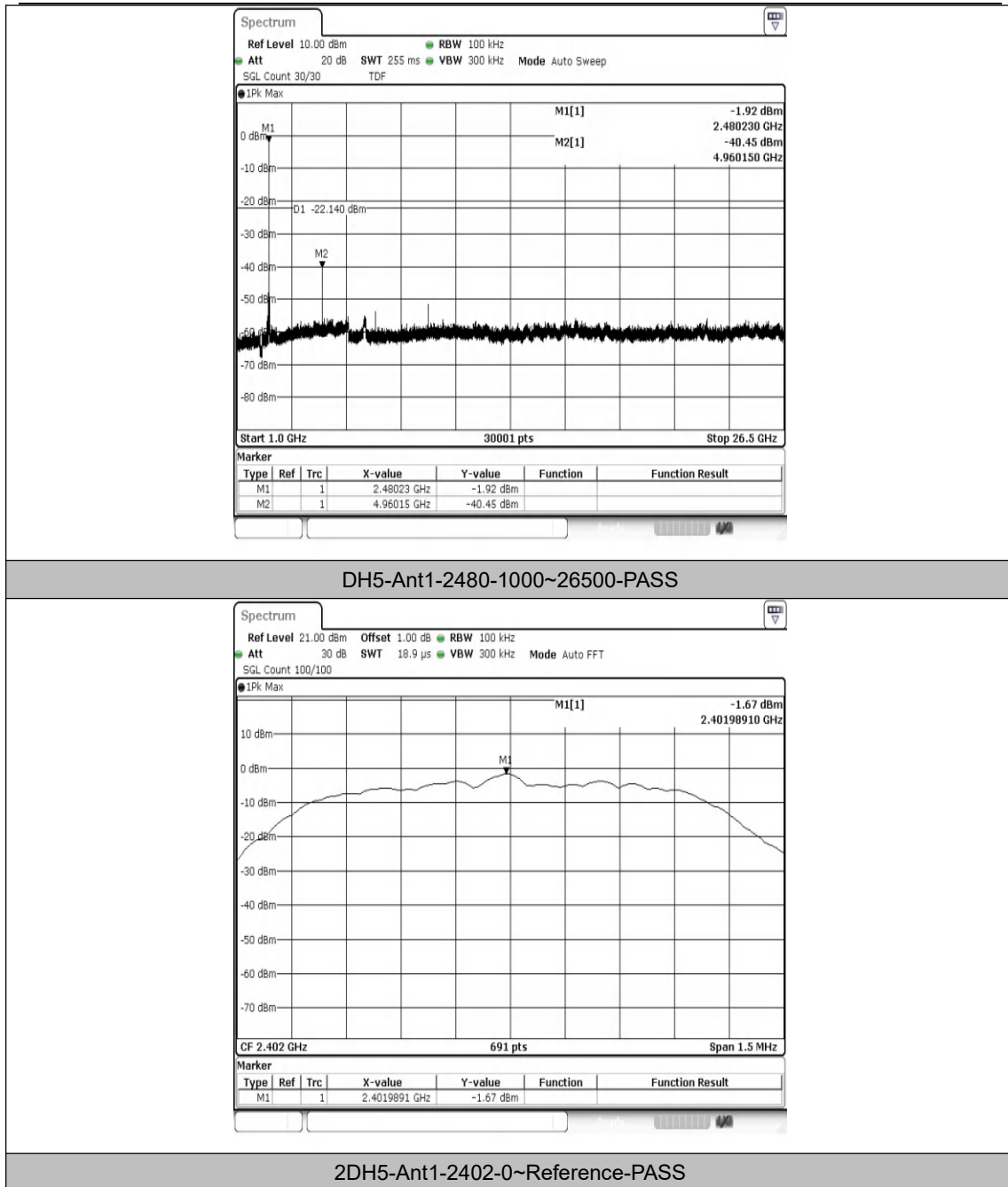
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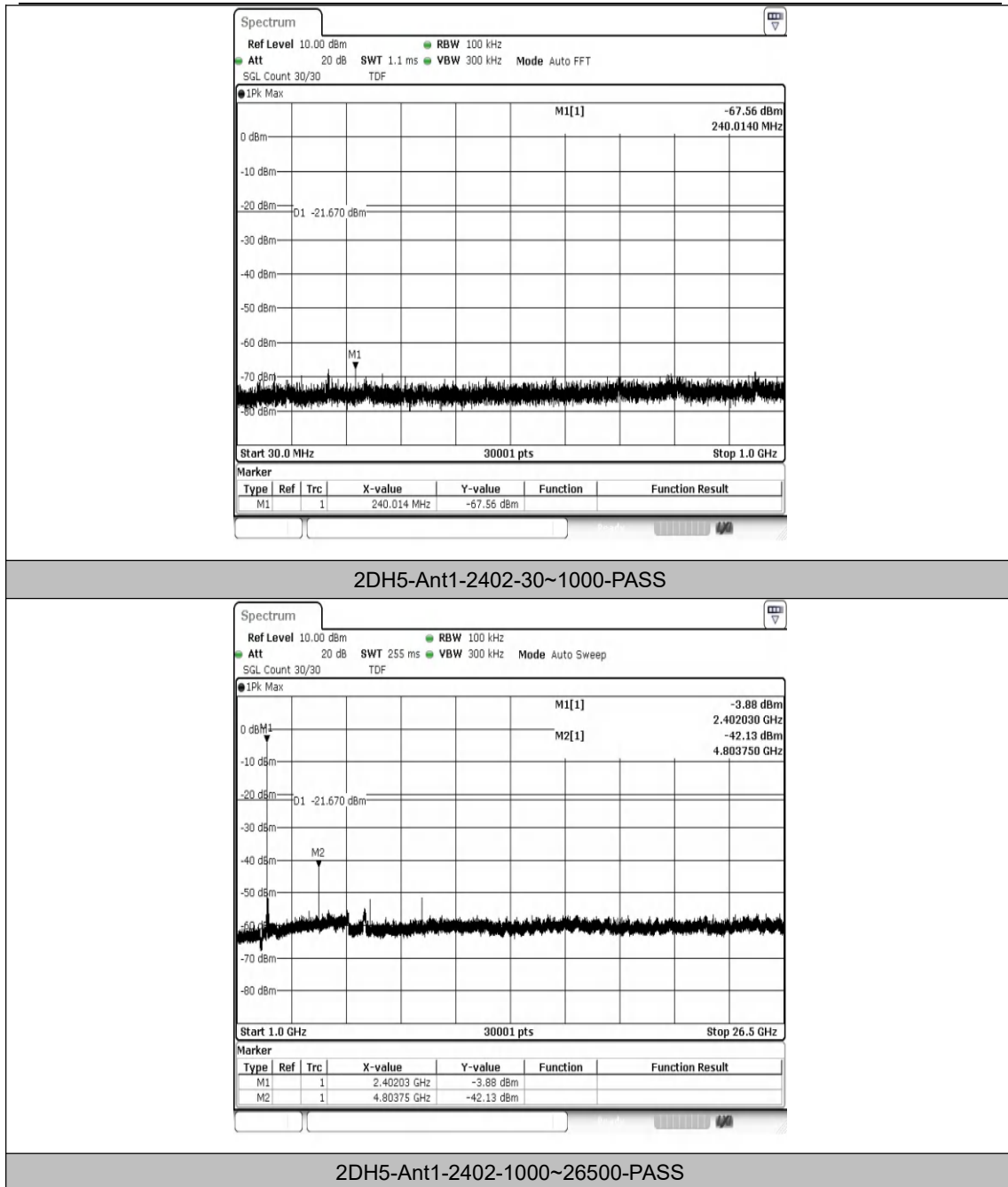




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Tel:(86)0755-26066440 Email:service@anbotech.com

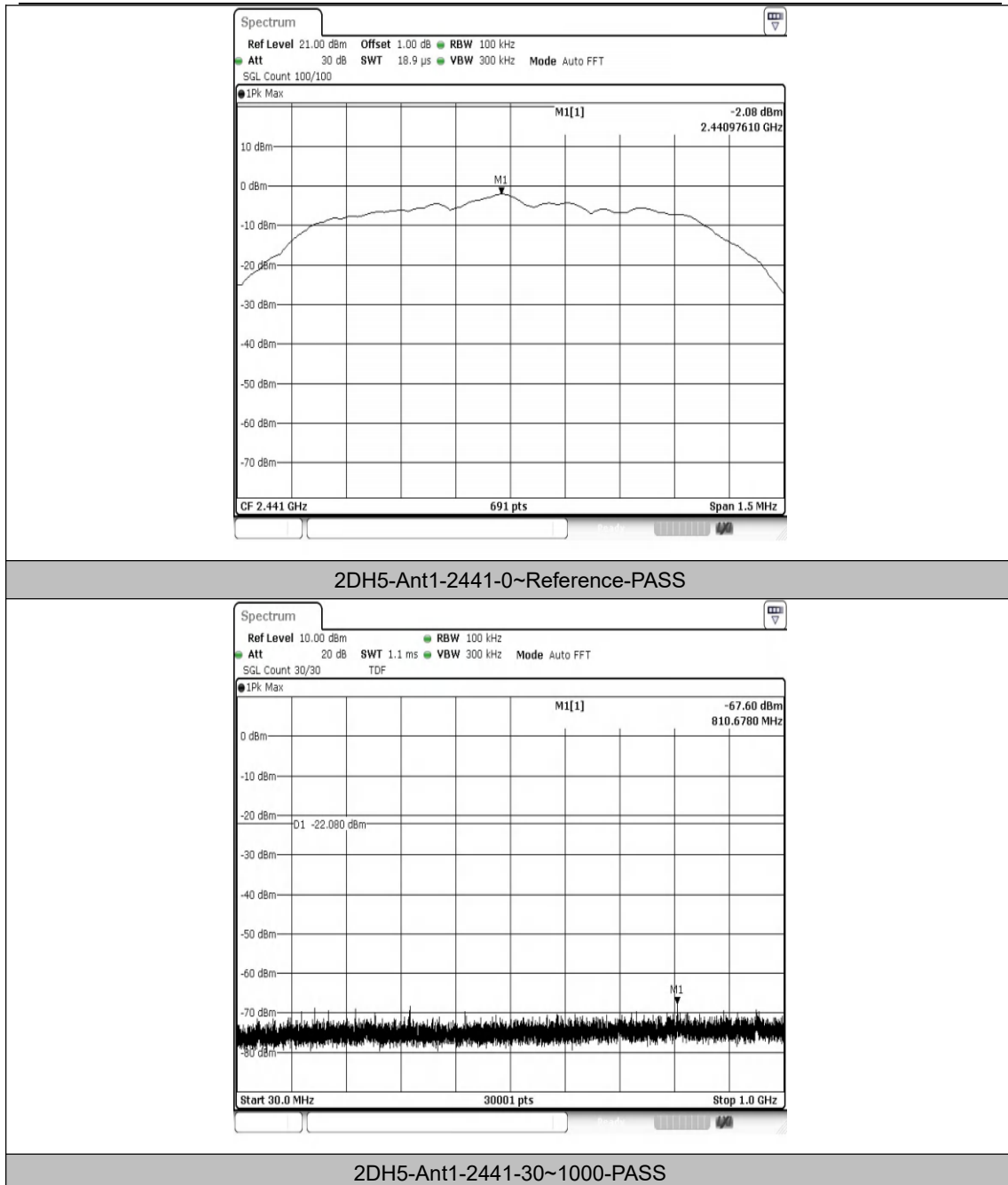
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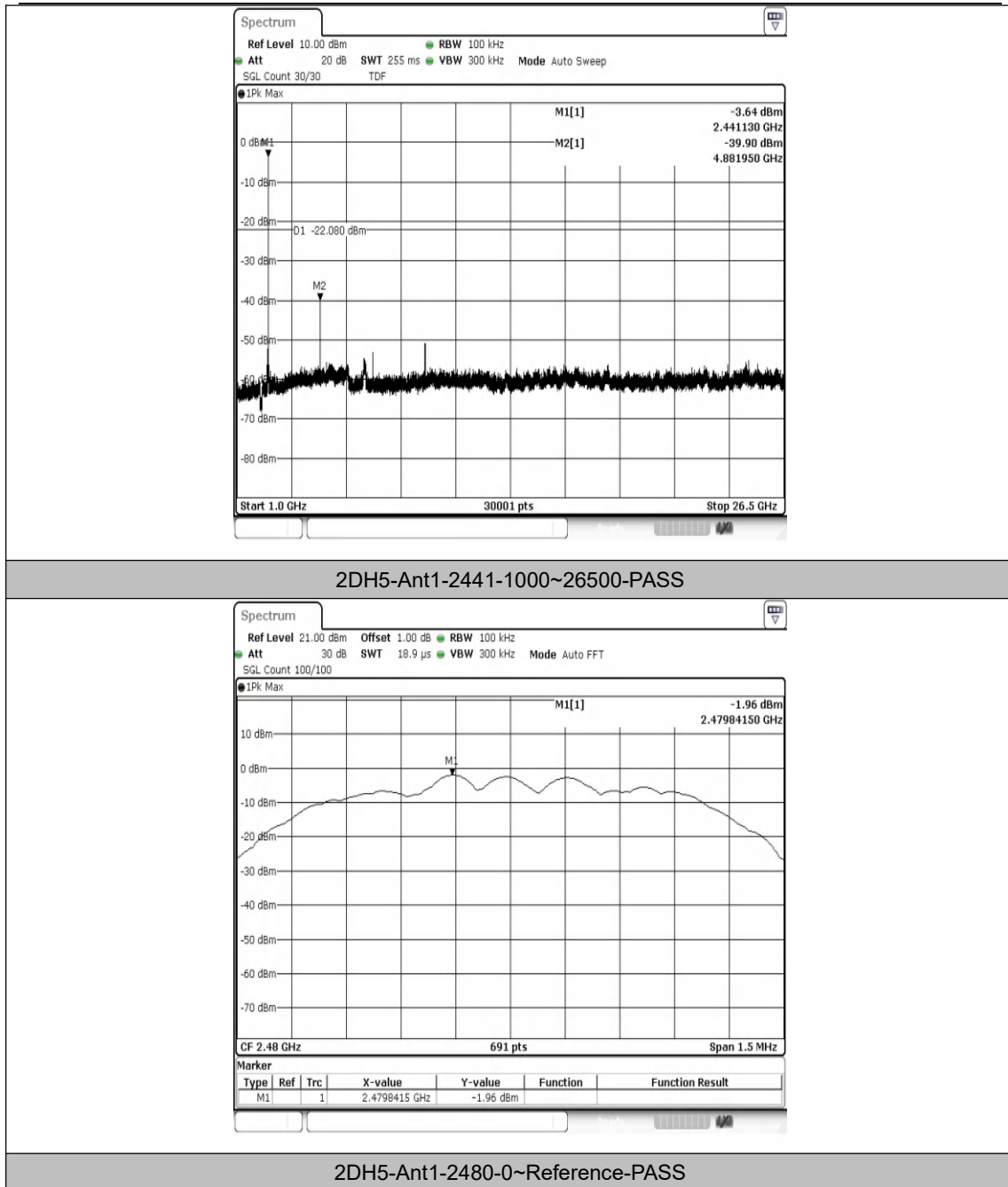
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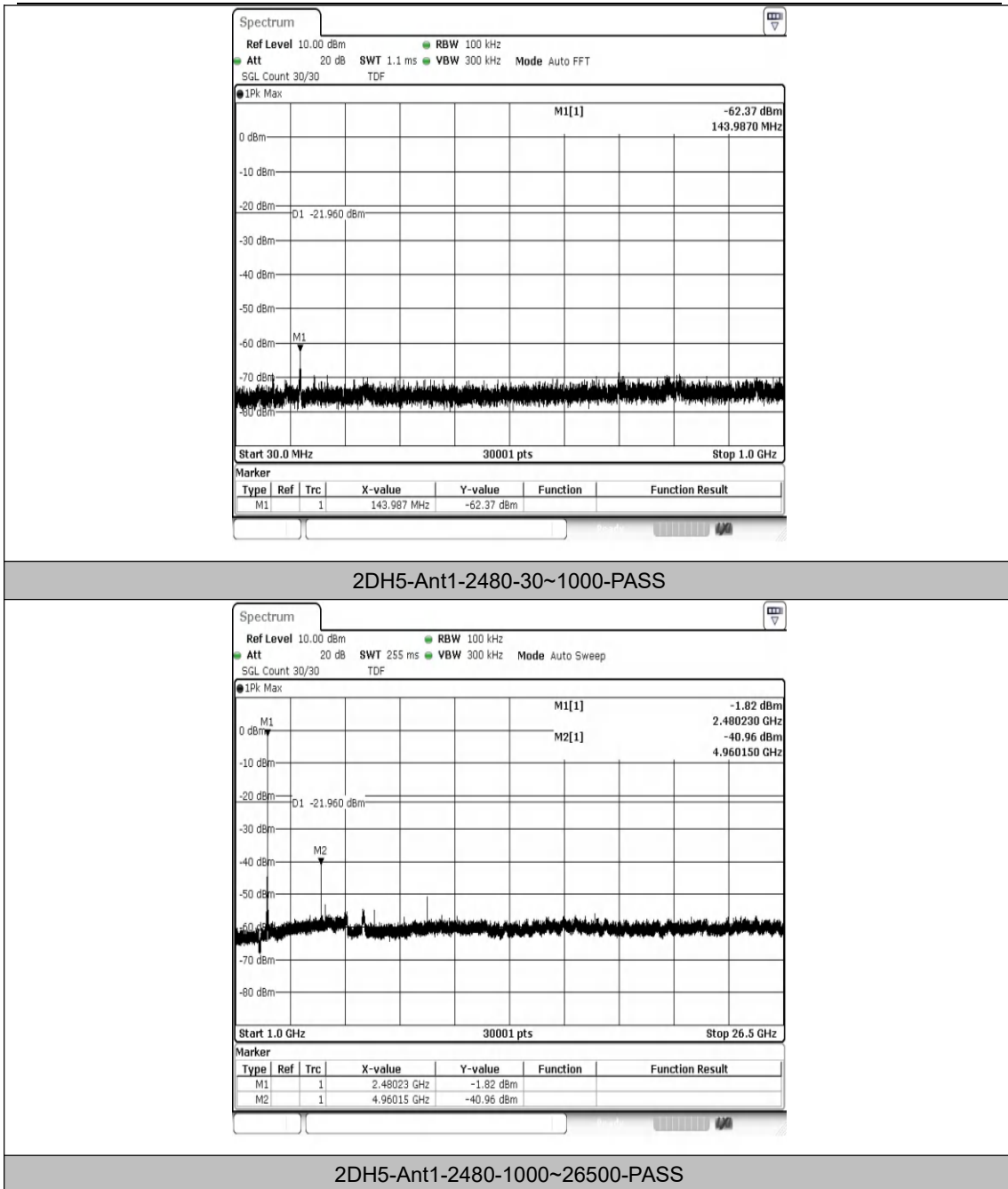
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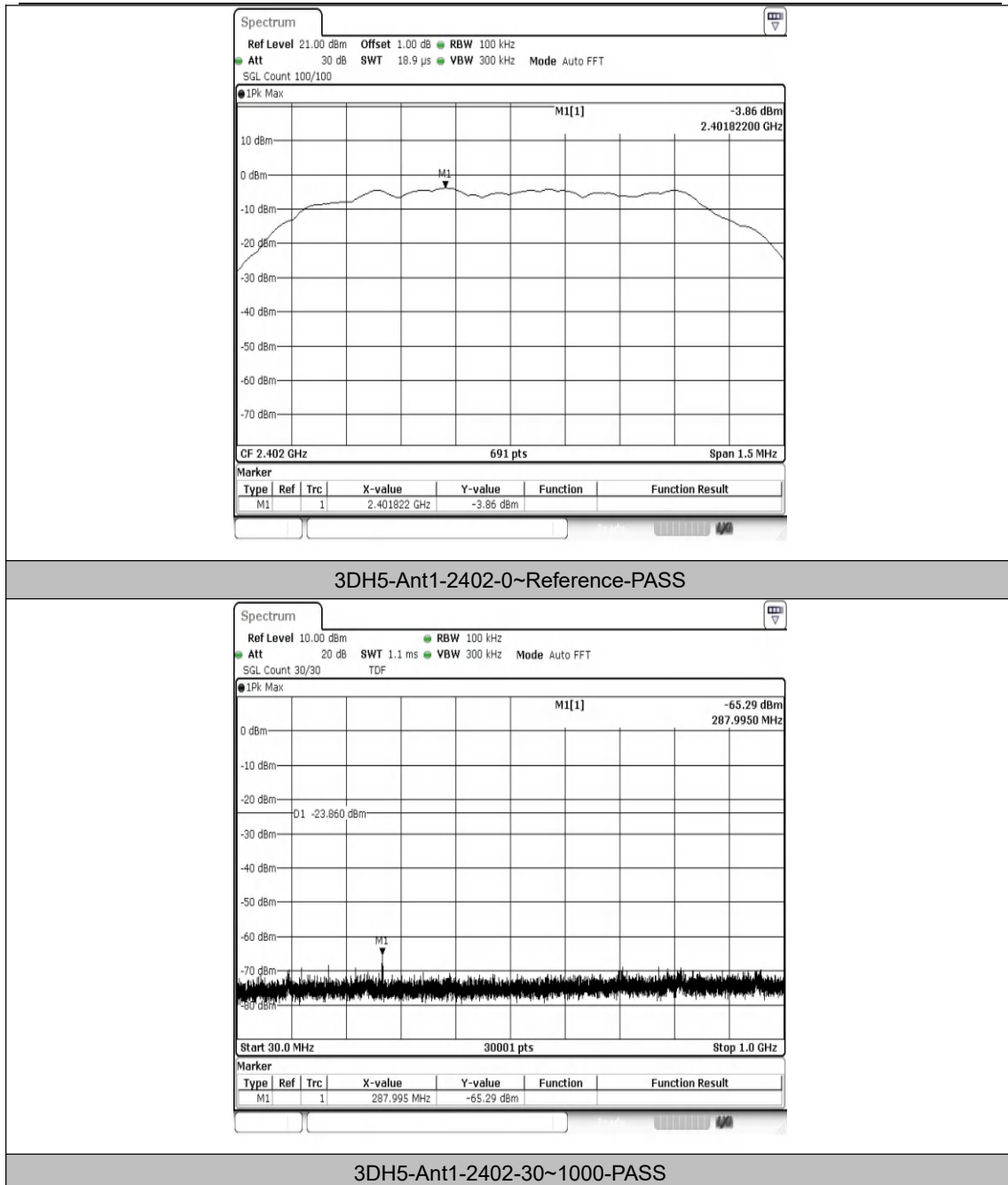
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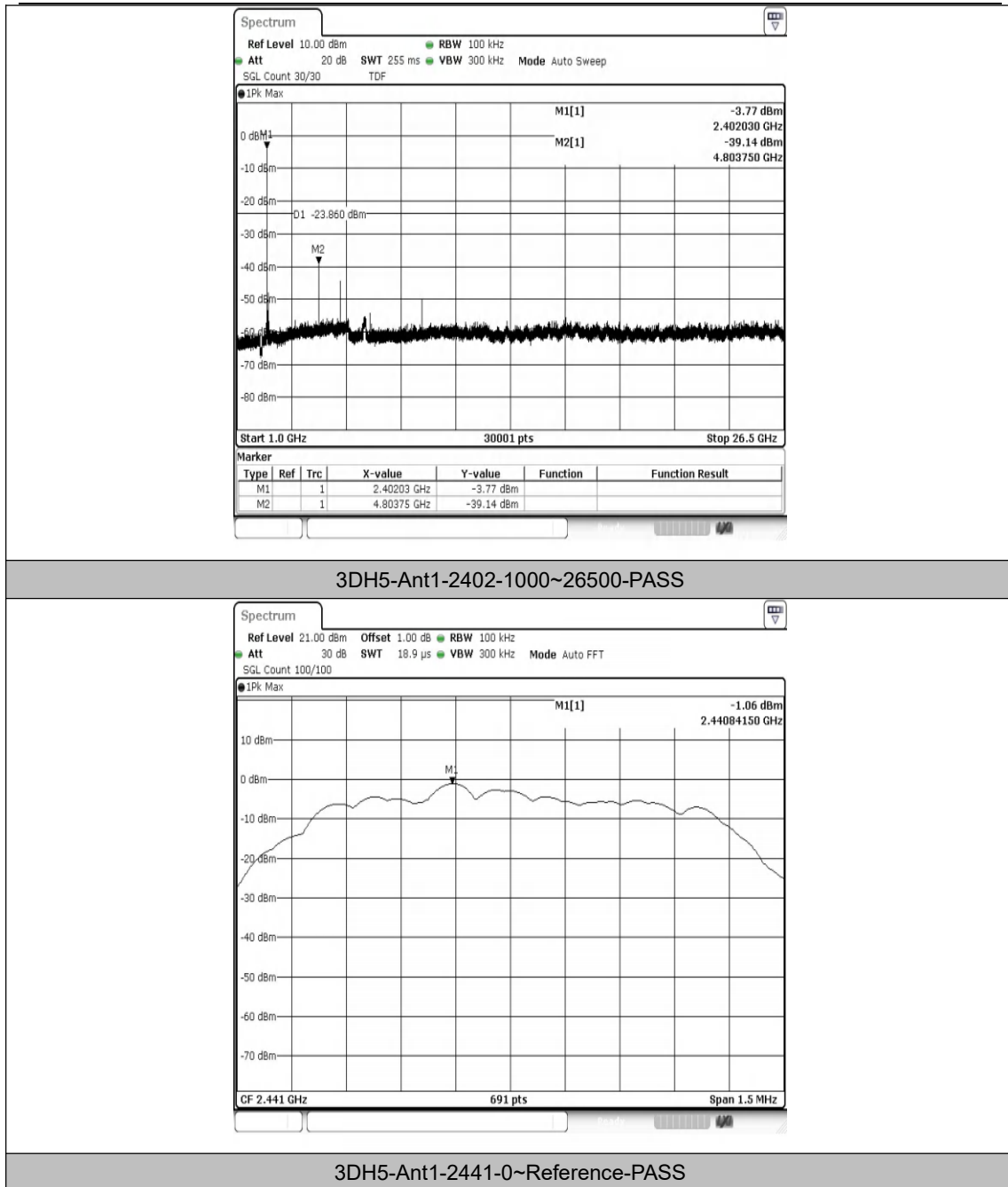
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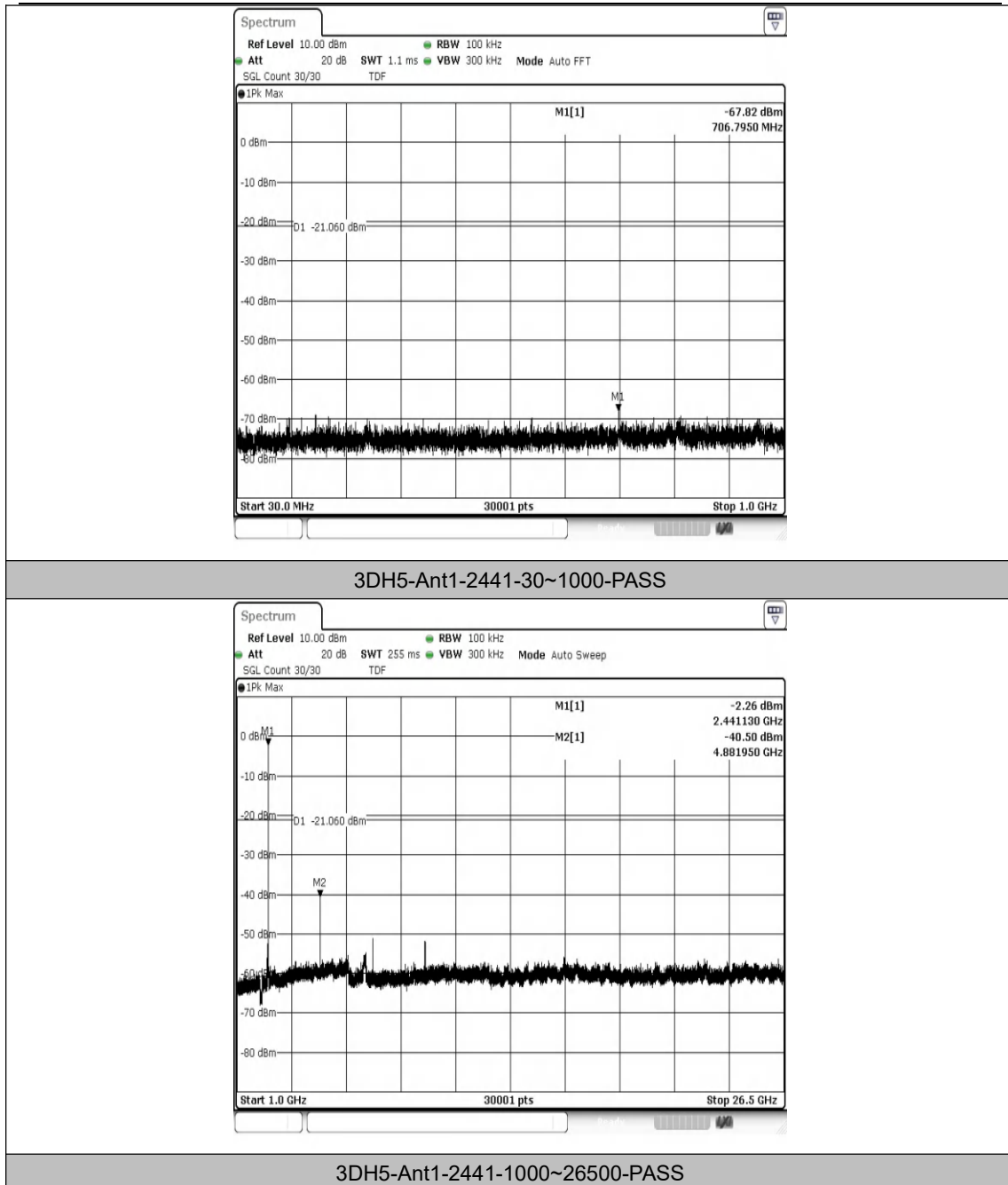
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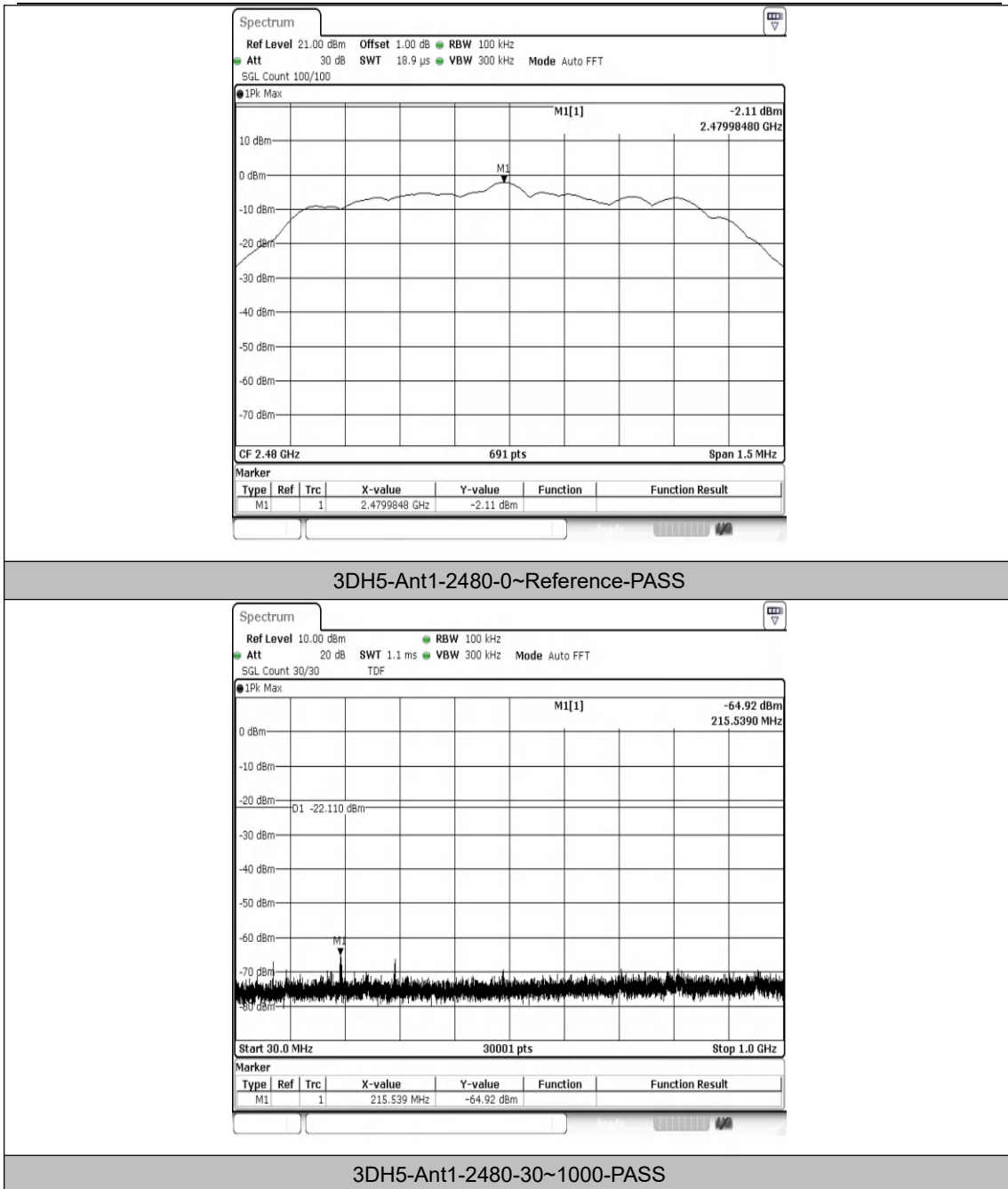


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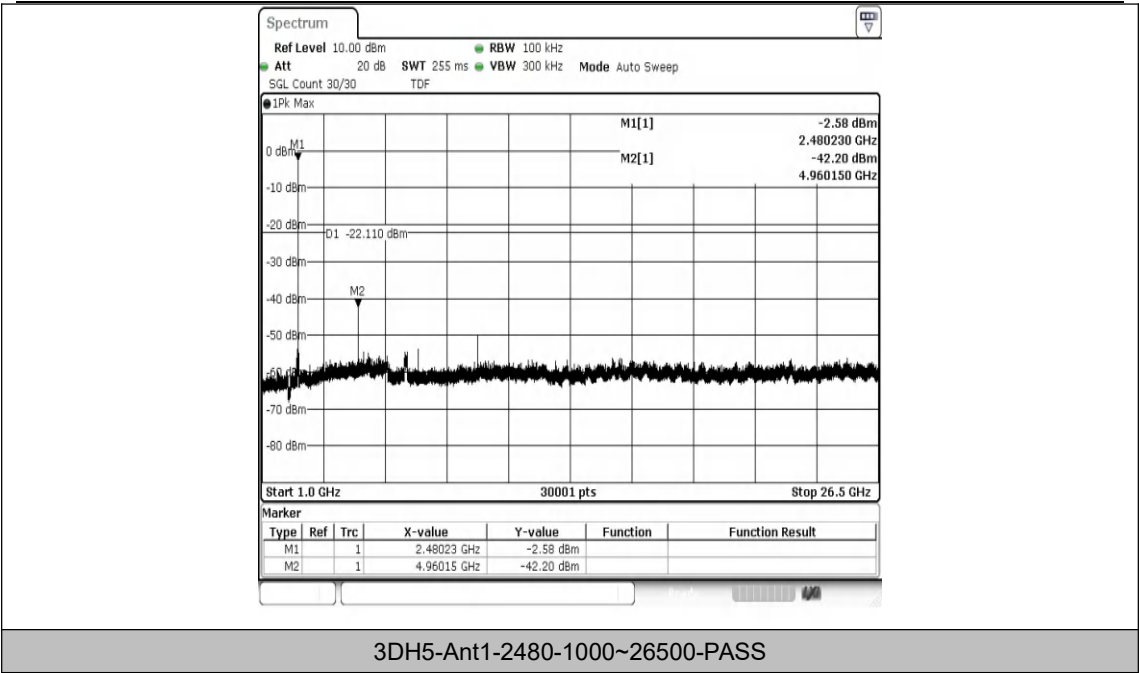




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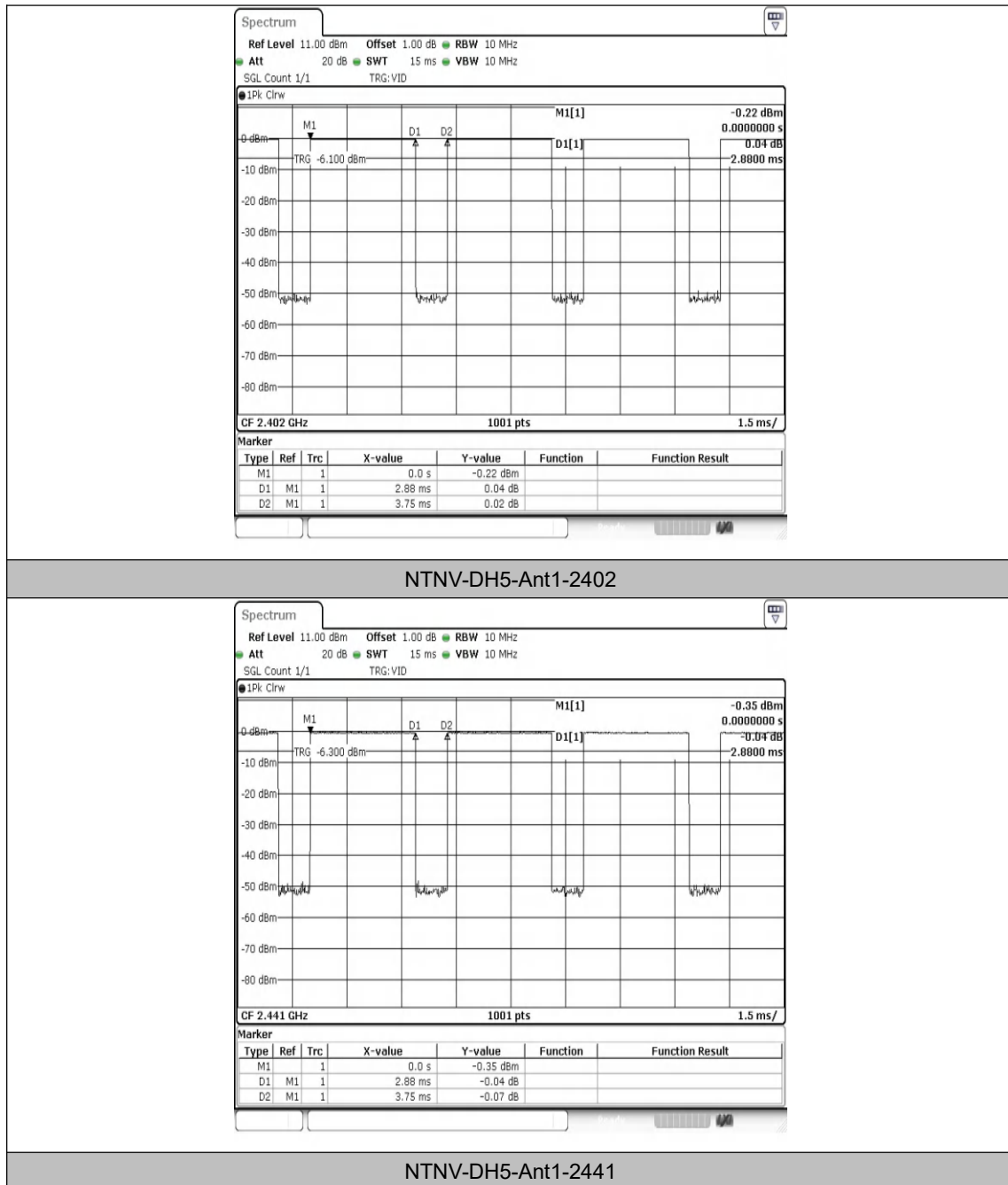
Appendix I: Duty Cycle

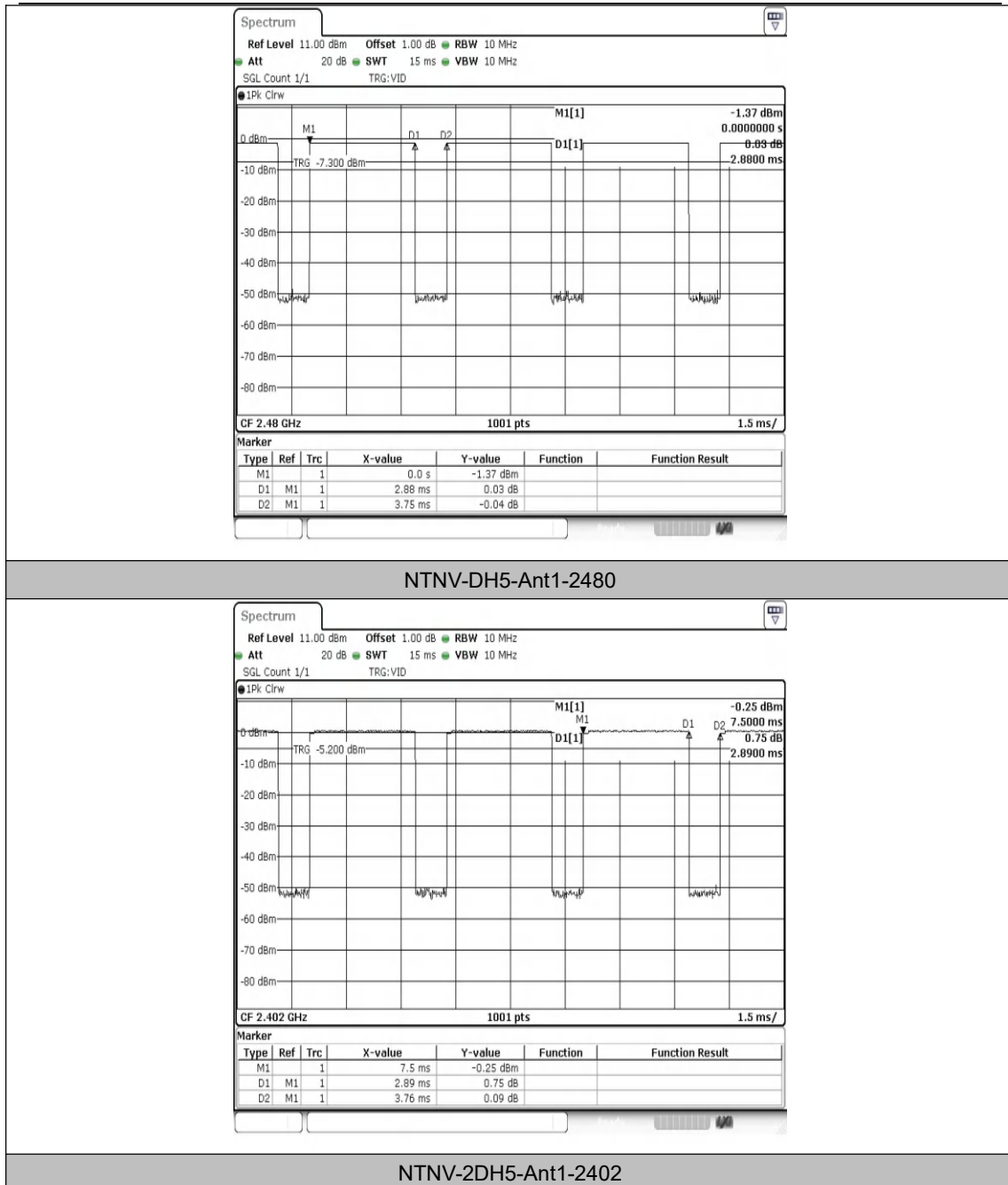
Test Result

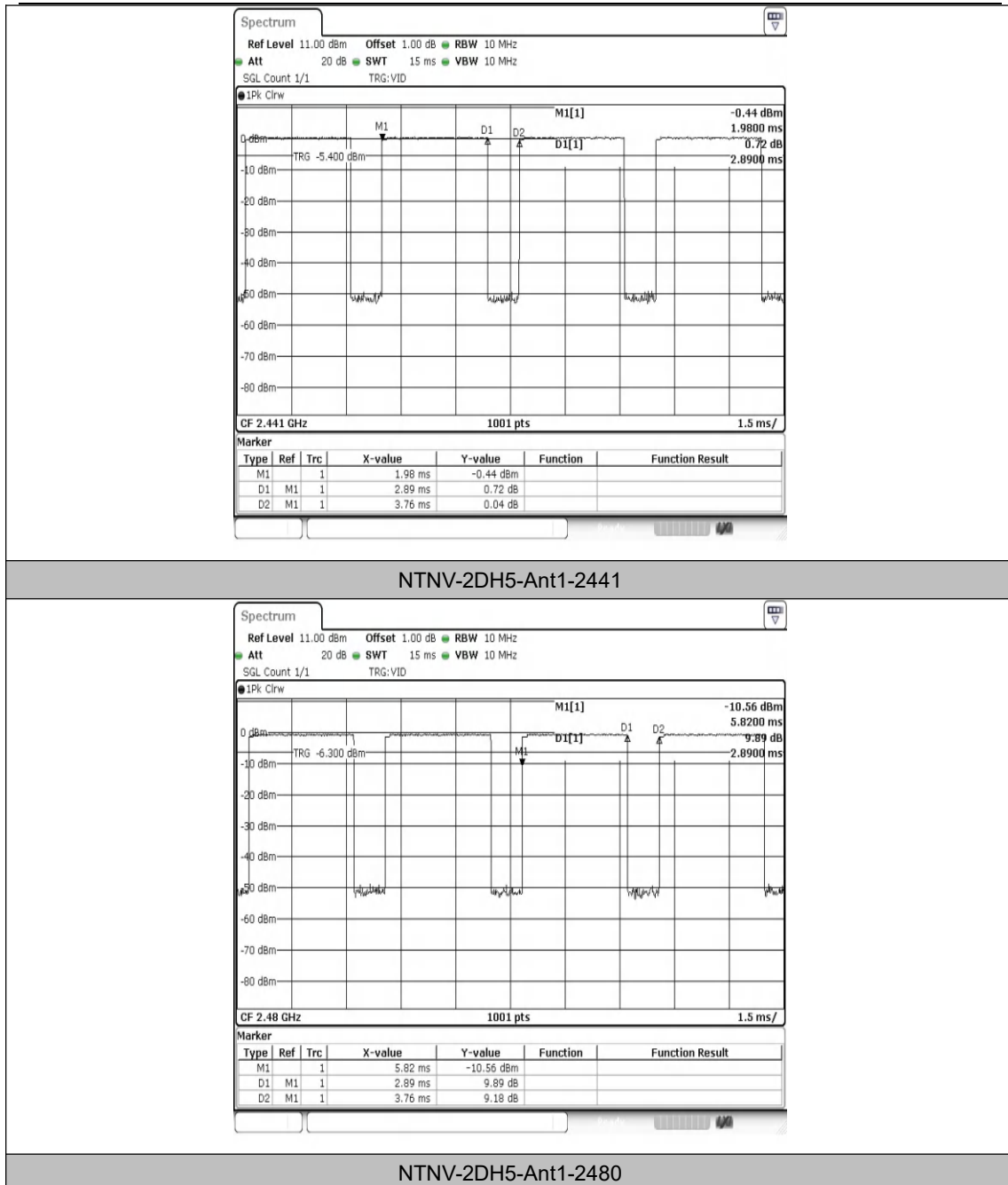
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.88	3.75	76.80	1.15
DH5	Ant1	2441	2.88	3.75	76.80	1.15
DH5	Ant1	2480	2.88	3.75	76.80	1.15
2DH5	Ant1	2402	2.89	3.76	76.86	1.14
2DH5	Ant1	2441	2.89	3.76	76.86	1.14
2DH5	Ant1	2480	2.89	3.76	76.86	1.14
3DH5	Ant1	2402	2.89	3.76	76.86	1.14
3DH5	Ant1	2441	2.90	3.77	76.92	1.14
3DH5	Ant1	2480	2.89	3.76	76.86	1.14

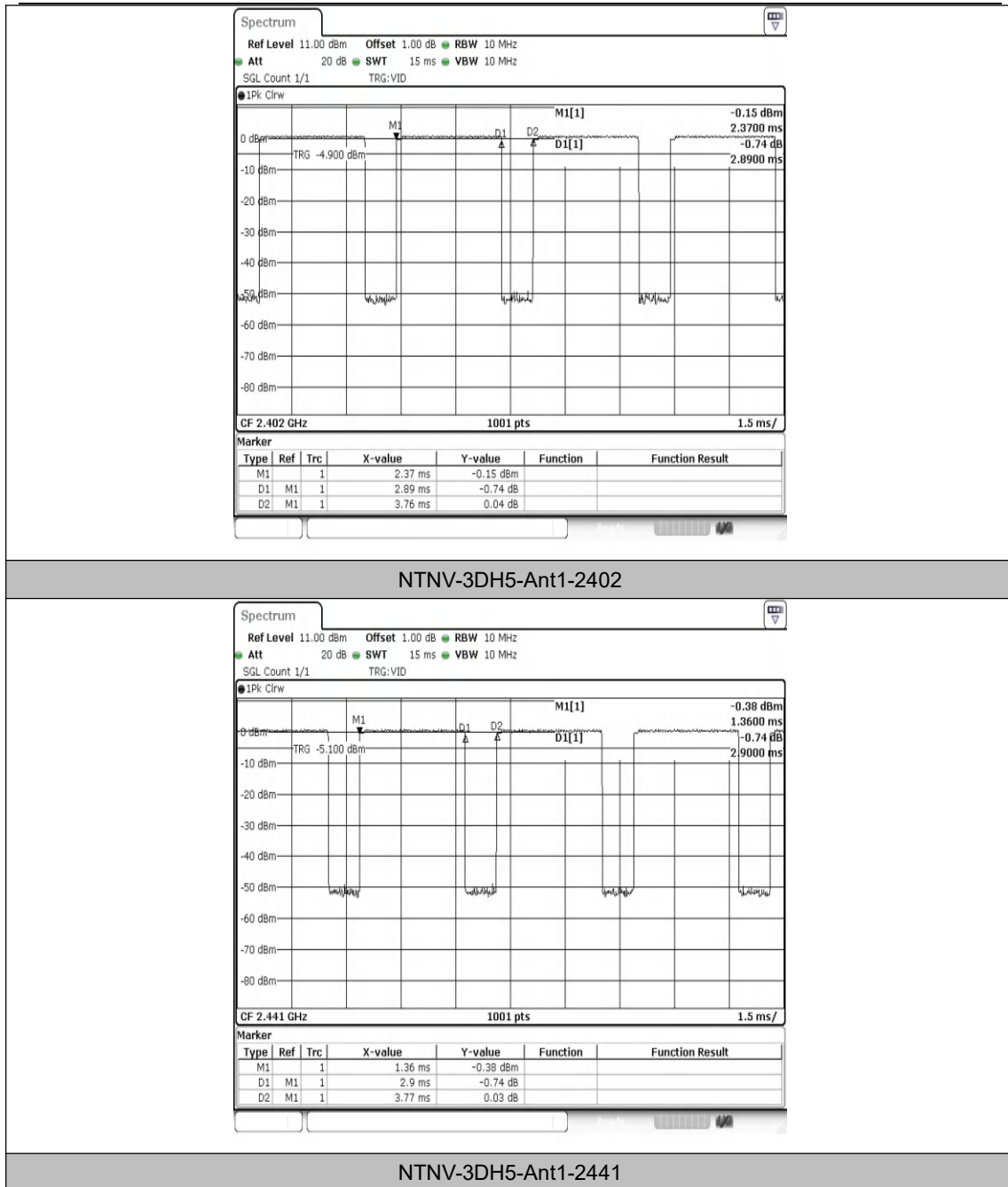


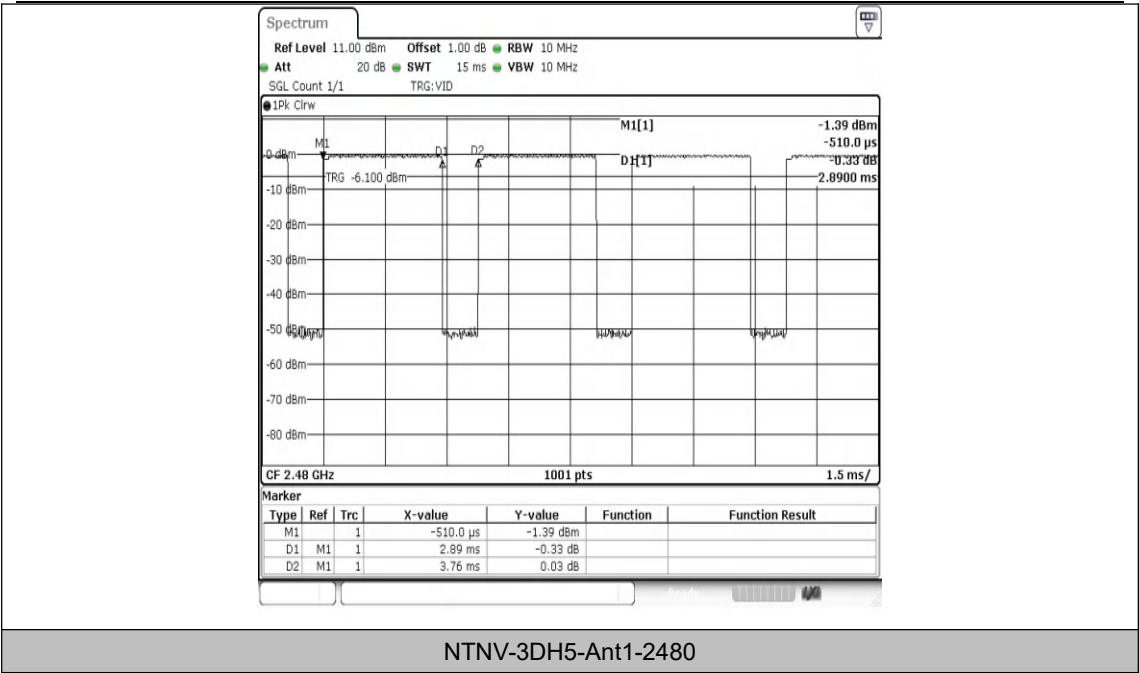
Test Graphs











---End---