

Appendix Test Data

Report No.:	1813C40256712501	Test Sample No.:	1-2-2
Start Test Date:	2025.1.3	Finish Test Date:	2025.1.11
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	24.5°C	Relative Humidity:	57%
Pressure:	101kPa		

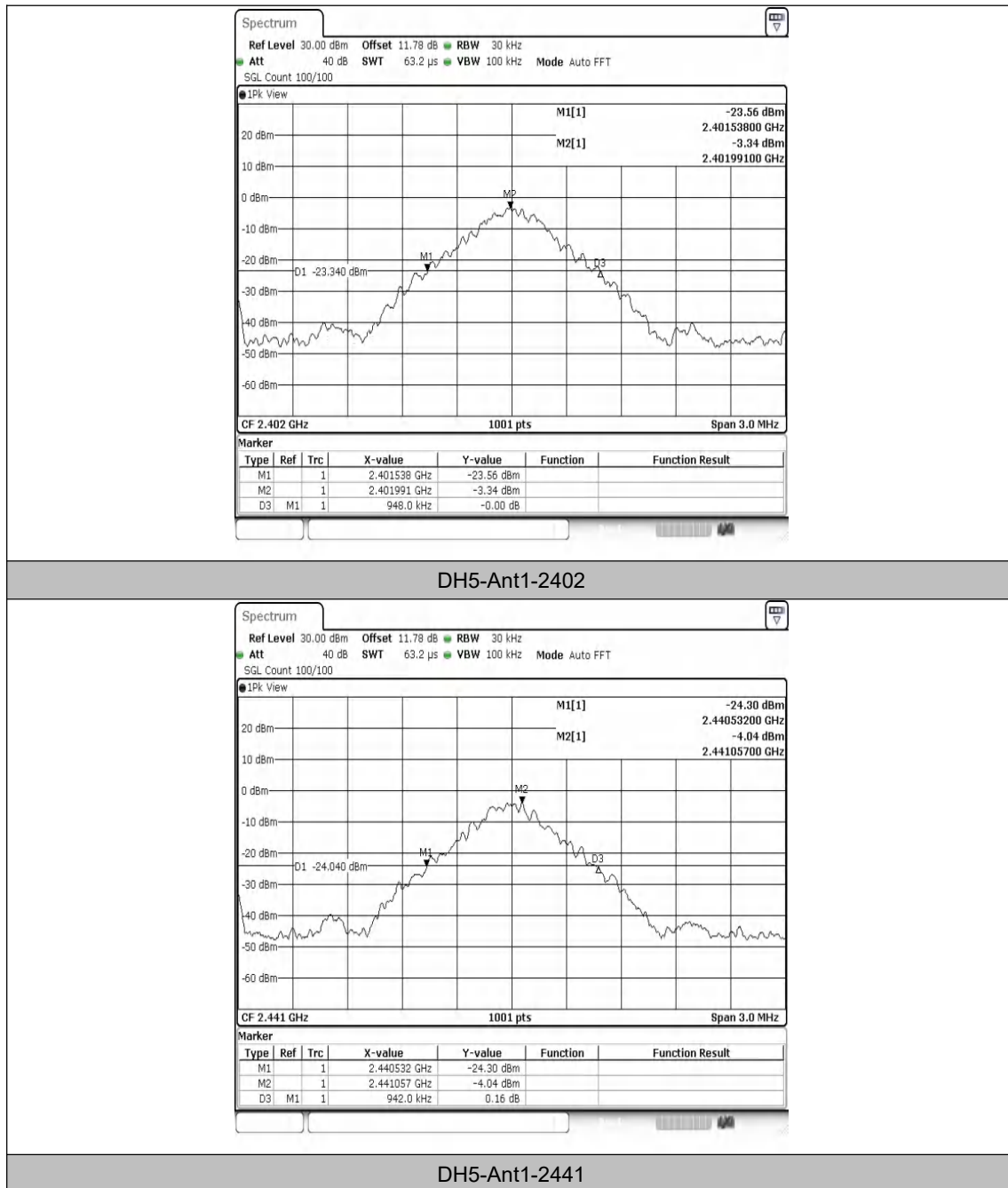
Appendix A: 20dB Bandwidth

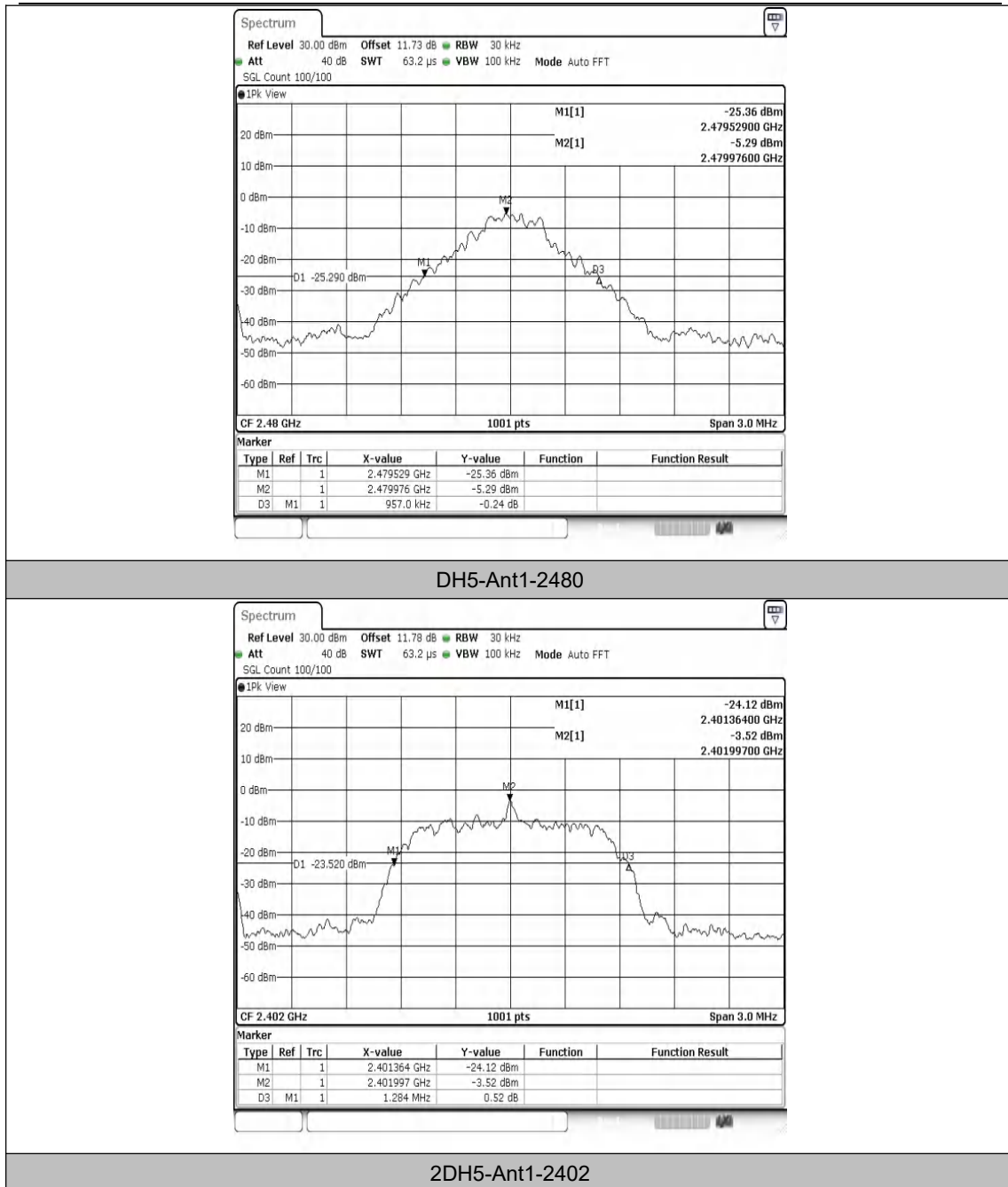
Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.95	2401.54	2402.49	---	---
DH5	Ant1	2441	0.94	2440.53	2441.47	---	---
DH5	Ant1	2480	0.96	2479.53	2480.49	---	---
2DH5	Ant1	2402	1.28	2401.36	2402.65	---	---
2DH5	Ant1	2441	1.31	2440.34	2441.65	---	---
2DH5	Ant1	2480	1.30	2479.35	2480.65	---	---



Test Graphs

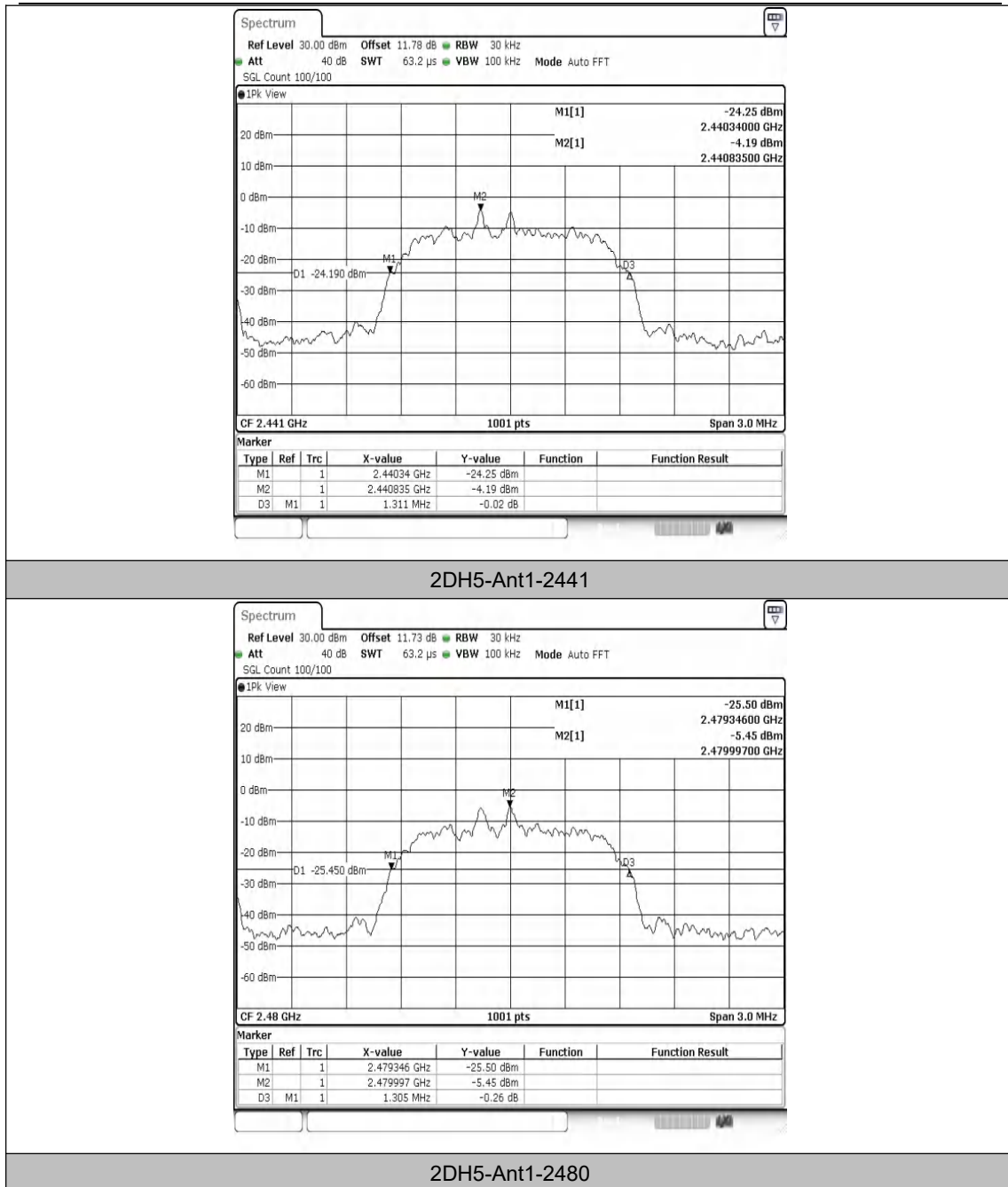




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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.872	2401.5594	2402.4316	---	---
DH5	Ant1	2441	0.896	2440.5504	2441.4466	---	---
DH5	Ant1	2480	0.875	2479.5534	2480.4286	---	---
2DH5	Ant1	2402	1.181	2401.4006	2402.5814	---	---
2DH5	Ant1	2441	1.205	2440.3946	2441.5994	---	---
2DH5	Ant1	2480	1.205	2479.3916	2480.5964	---	---

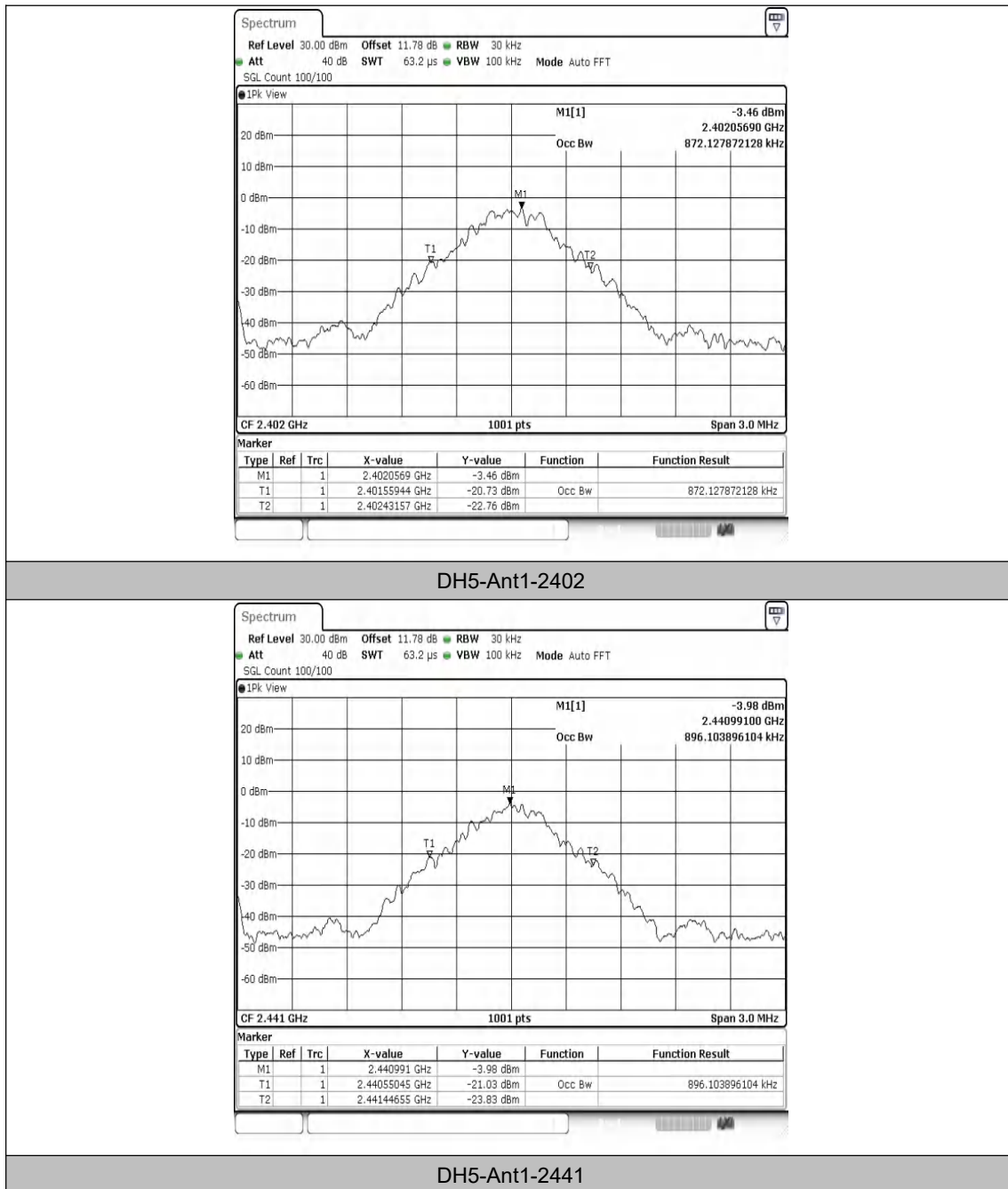
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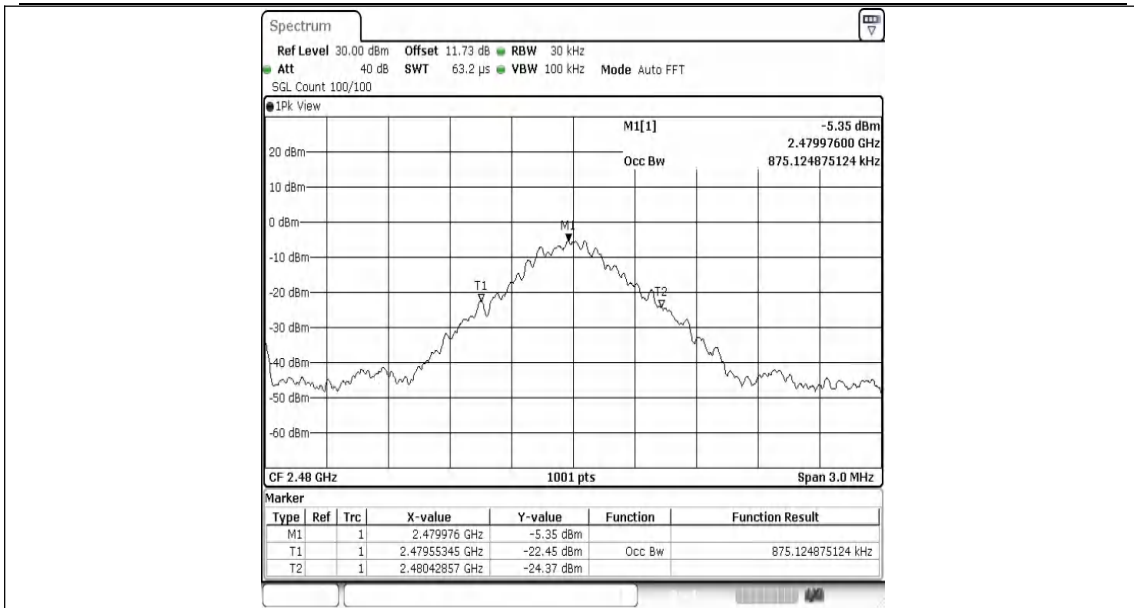
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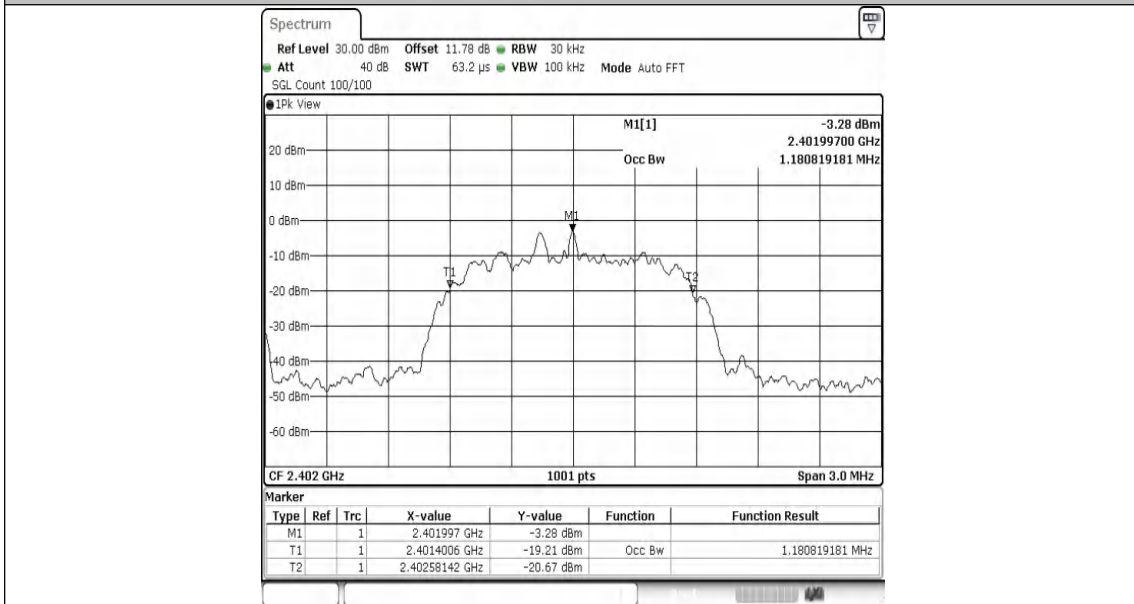
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Test Graphs

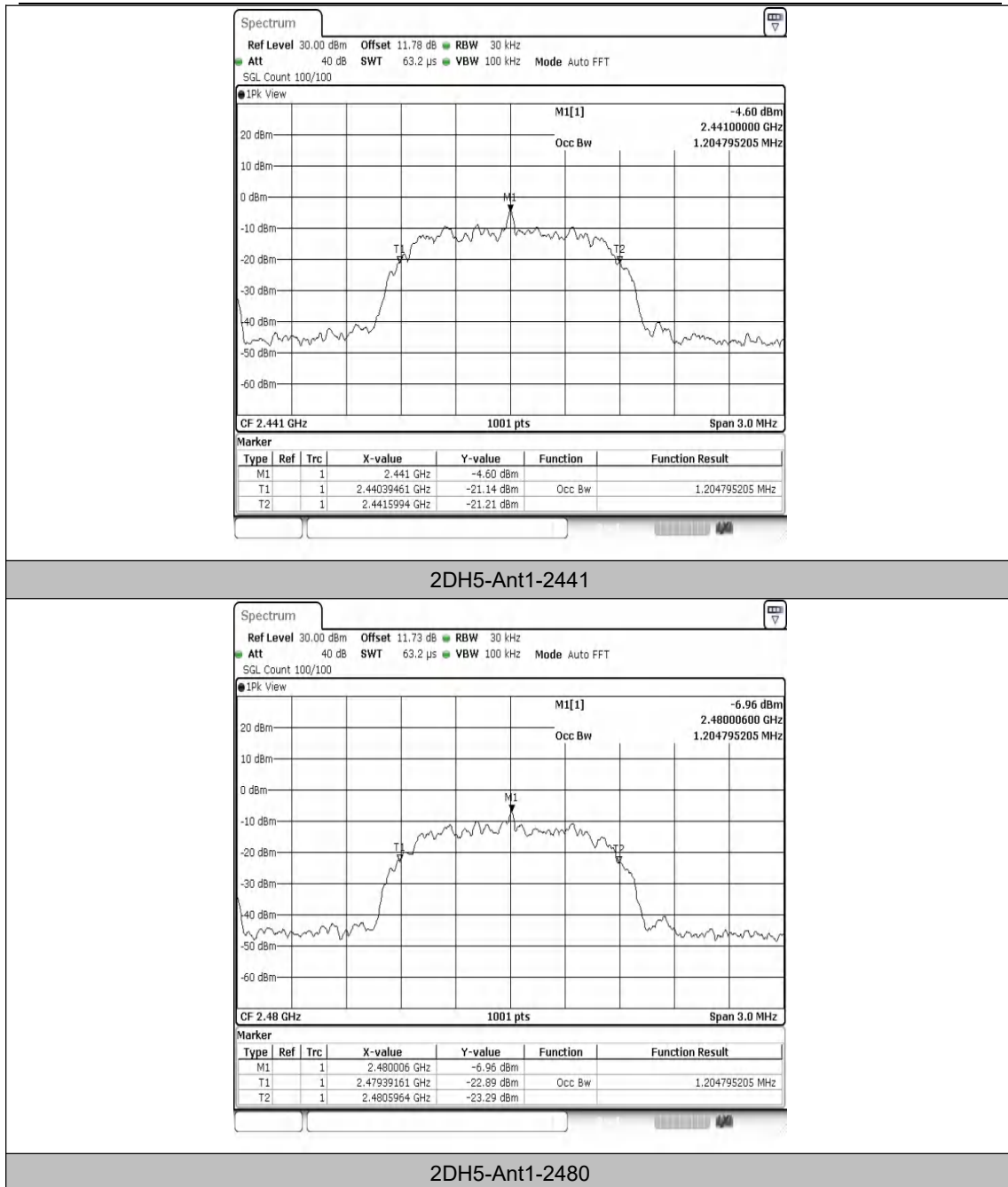




DH5-Ant1-2480



2DH5-Ant1-2402



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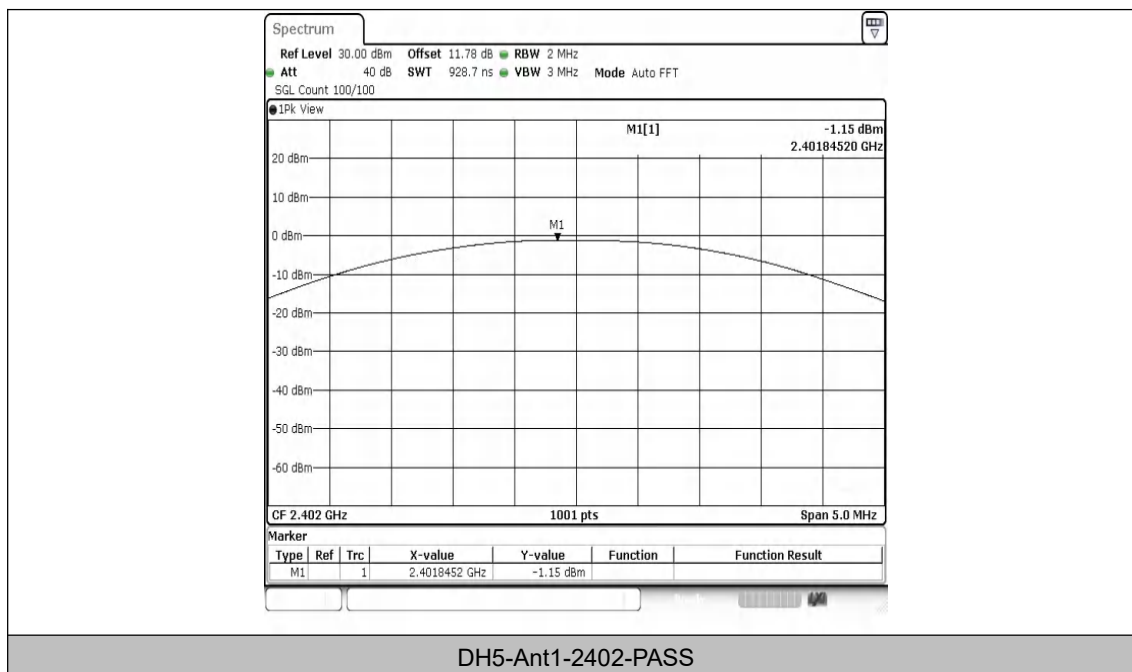
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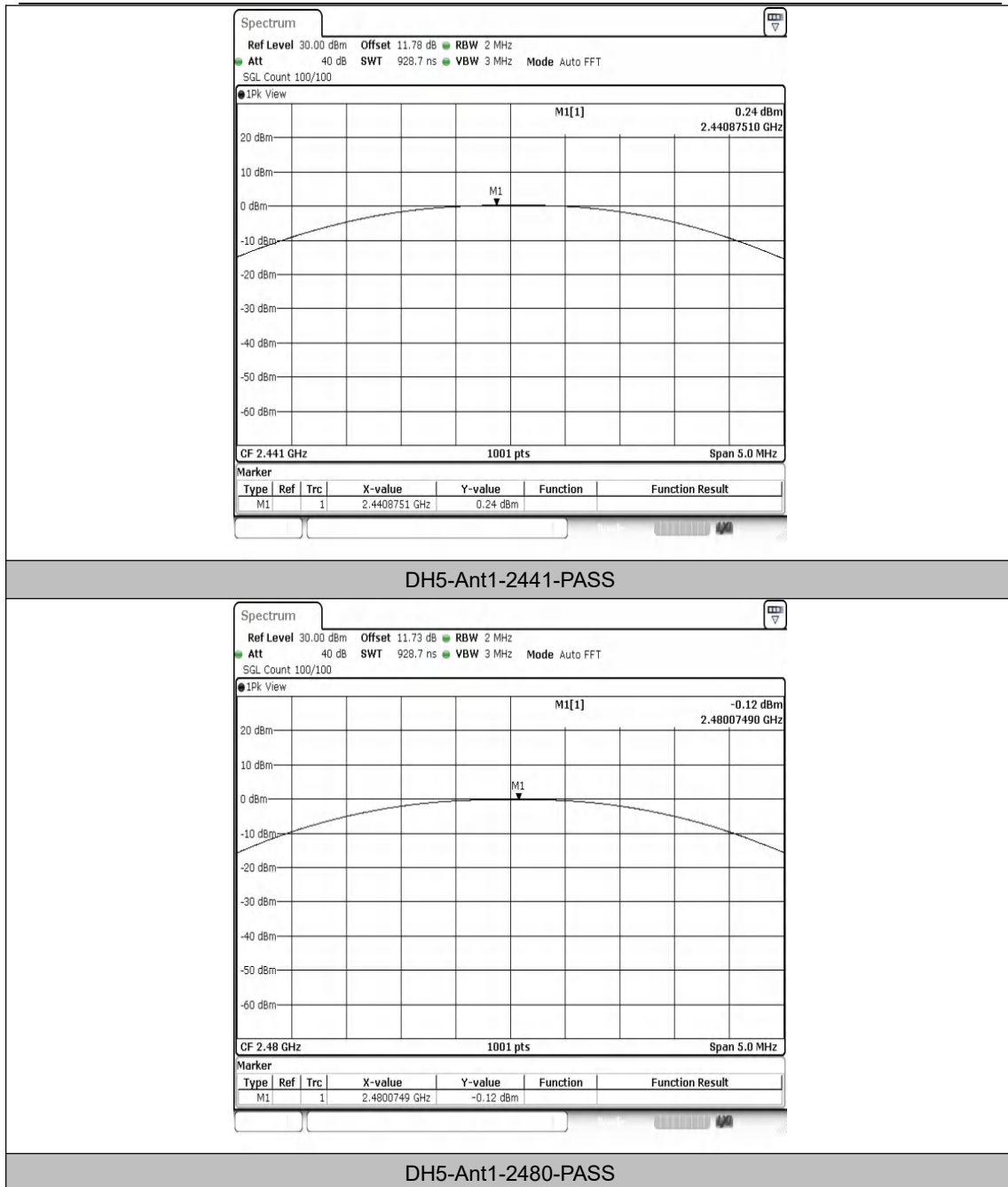
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-1.15	≤20.97	PASS
DH5	Ant1	2441	0.24	≤20.97	PASS
DH5	Ant1	2480	-0.12	≤20.97	PASS
2DH5	Ant1	2402	-0.92	≤20.97	PASS
2DH5	Ant1	2441	0.29	≤20.97	PASS
2DH5	Ant1	2480	0.13	≤20.97	PASS

Test Graphs

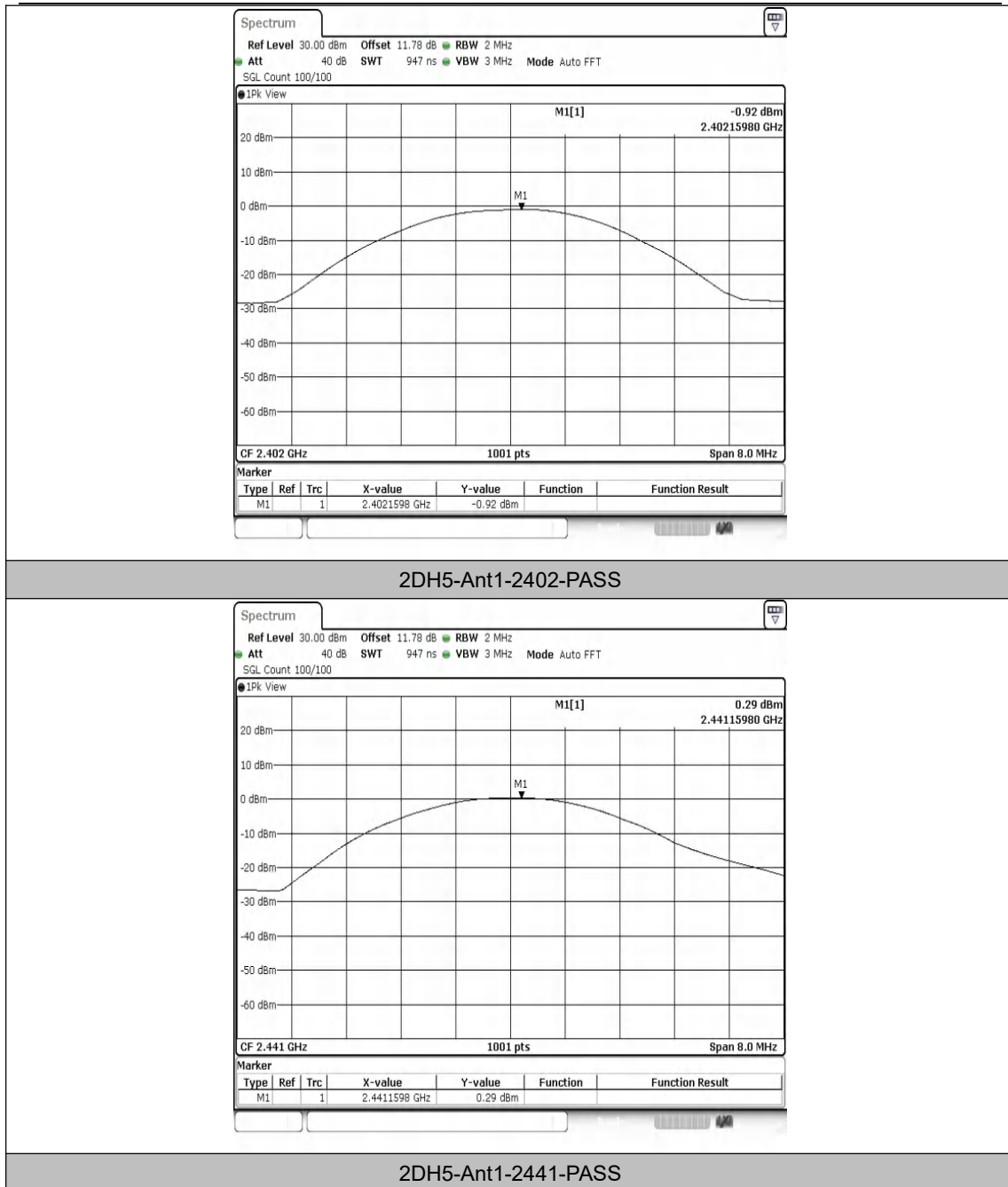




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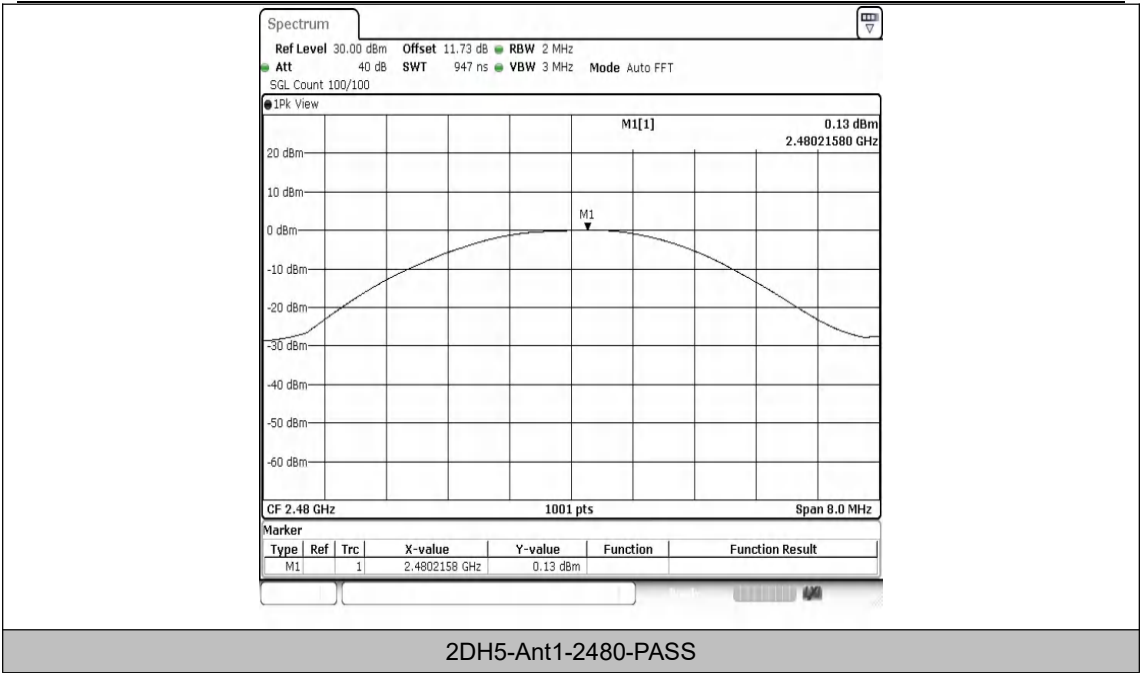
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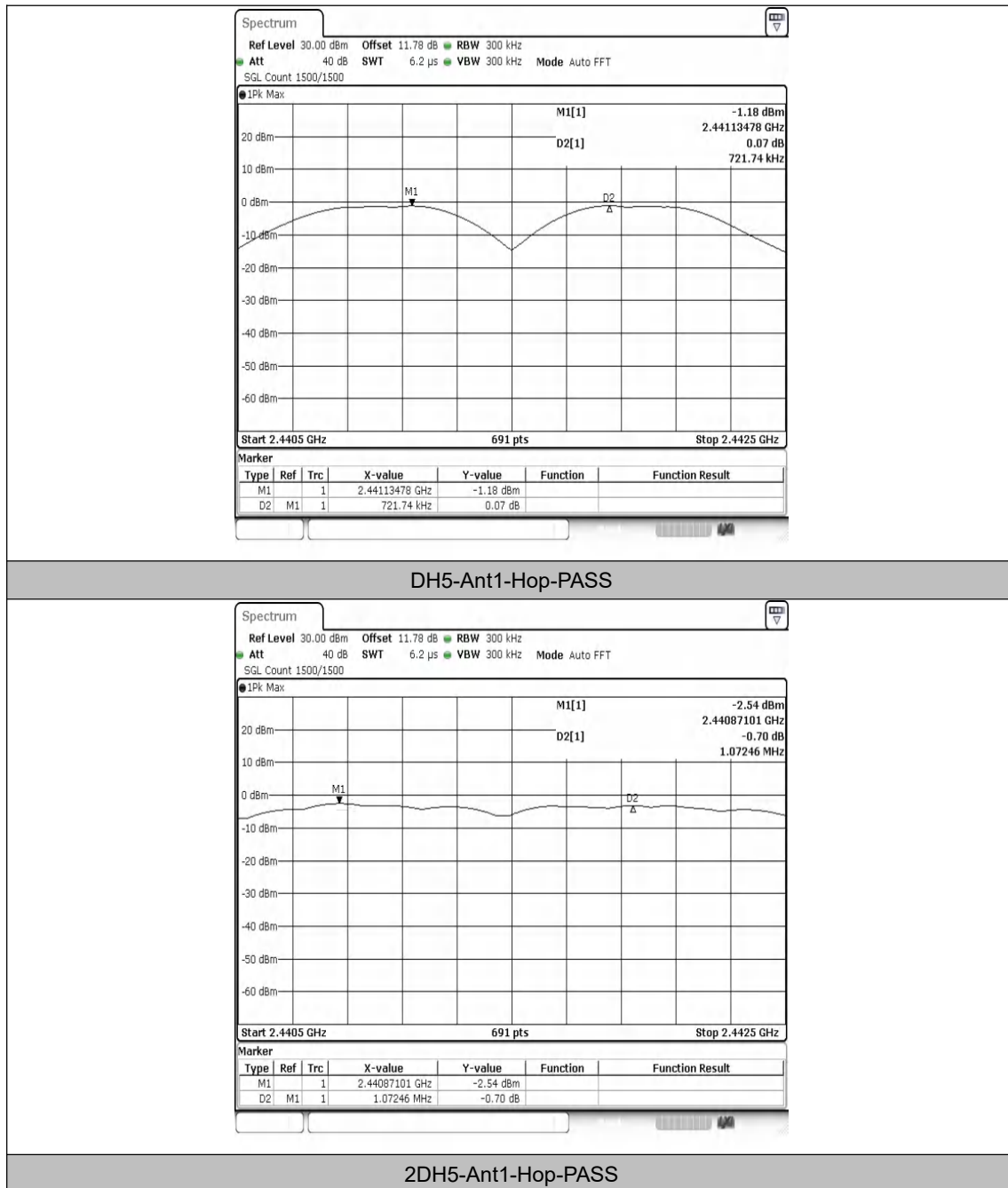
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Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.722	≥0.640	PASS
2DH5	Ant1	Hop	1.072	≥0.873	PASS

Test Graphs



Appendix E: Dwell Time

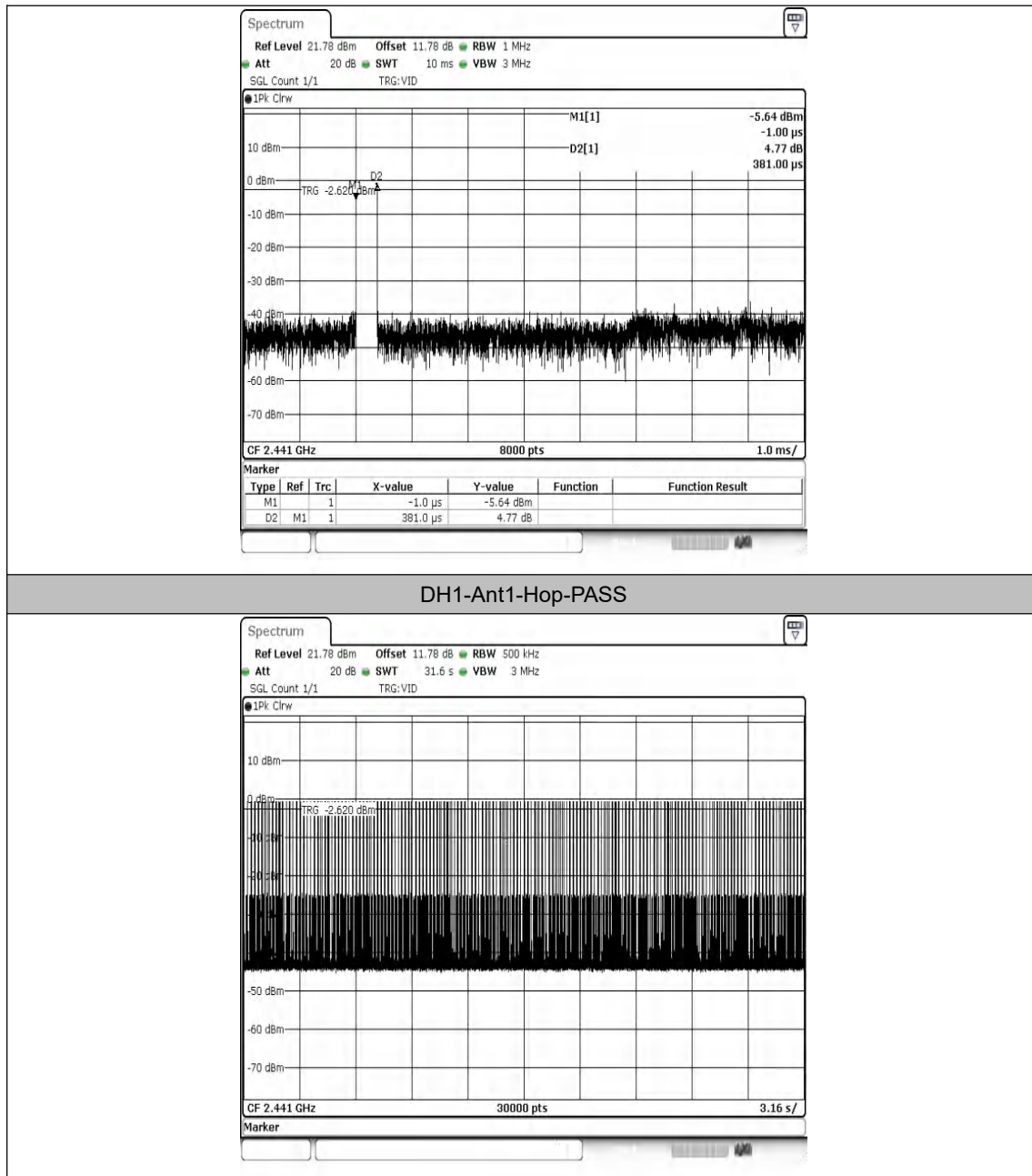
Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH1	Ant1	Hop	0.381	319	0.122	≤0.4	PASS
DH3	Ant1	Hop	1.638	150	0.246	≤0.4	PASS
DH5	Ant1	Hop	2.887	118	0.341	≤0.4	PASS
2DH1	Ant1	Hop	0.390	316	0.123	≤0.4	PASS
2DH3	Ant1	Hop	1.643	153	0.251	≤0.4	PASS
2DH5	Ant1	Hop	2.890	110	0.318	≤0.4	PASS

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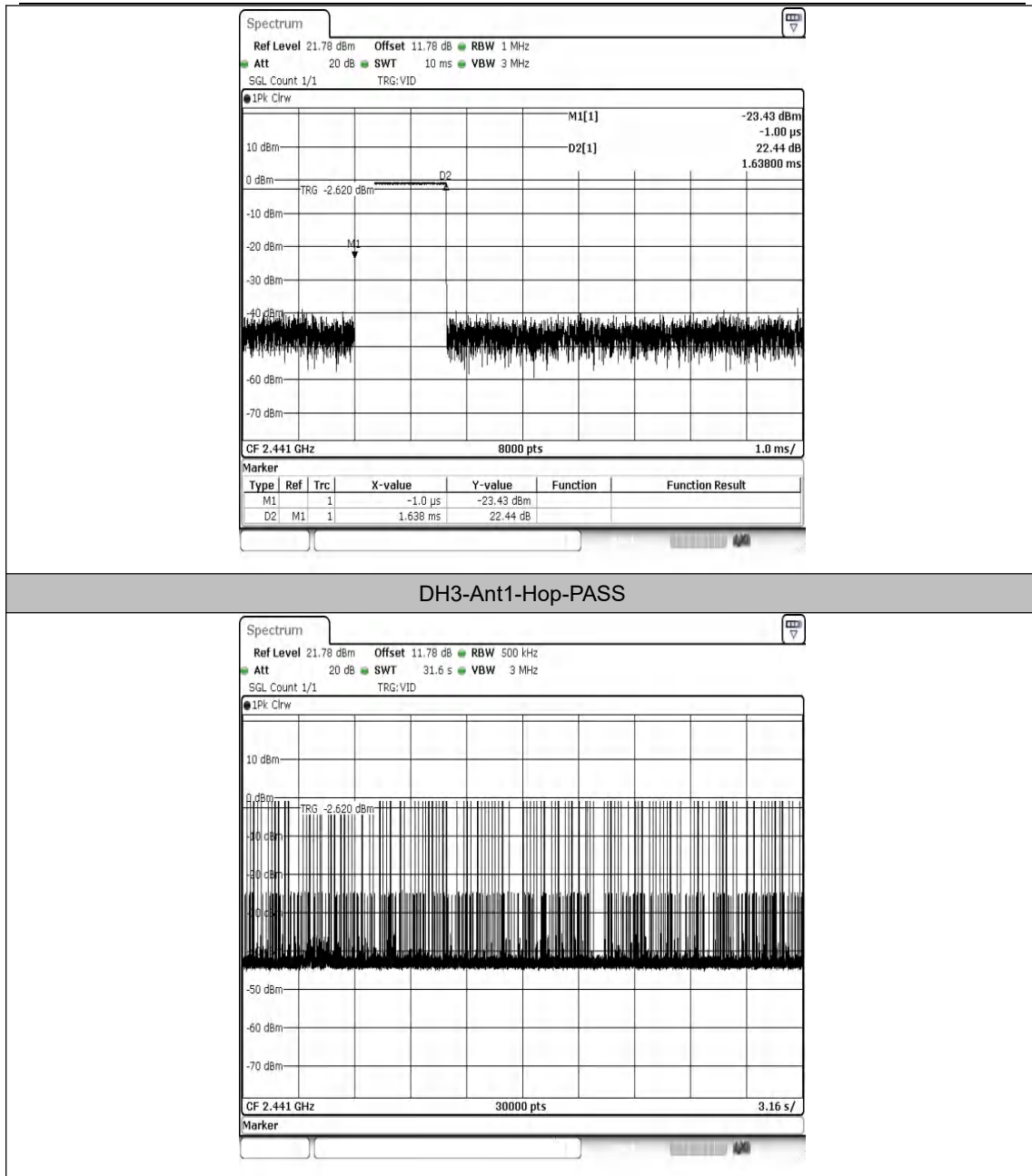
Test Graphs

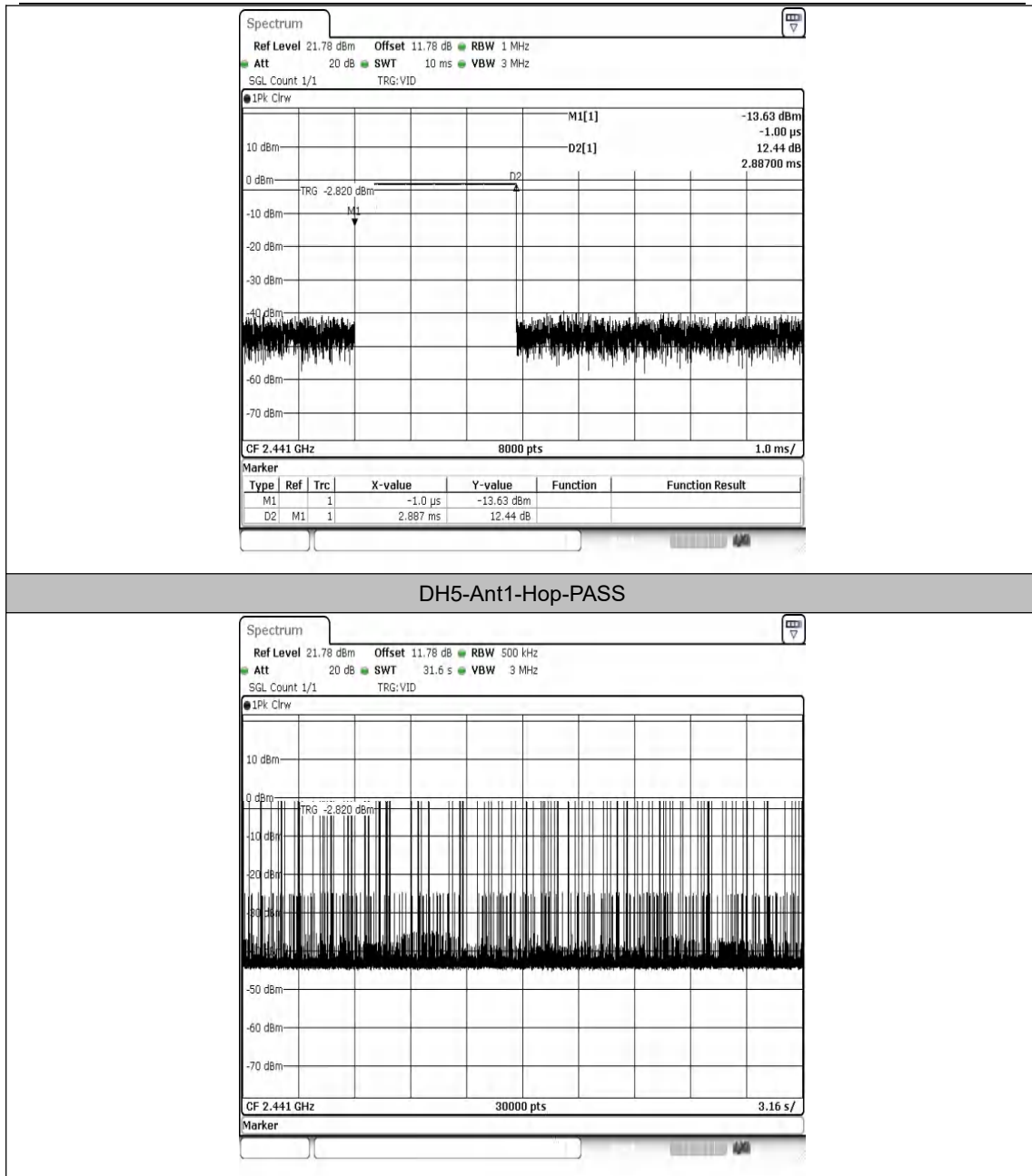


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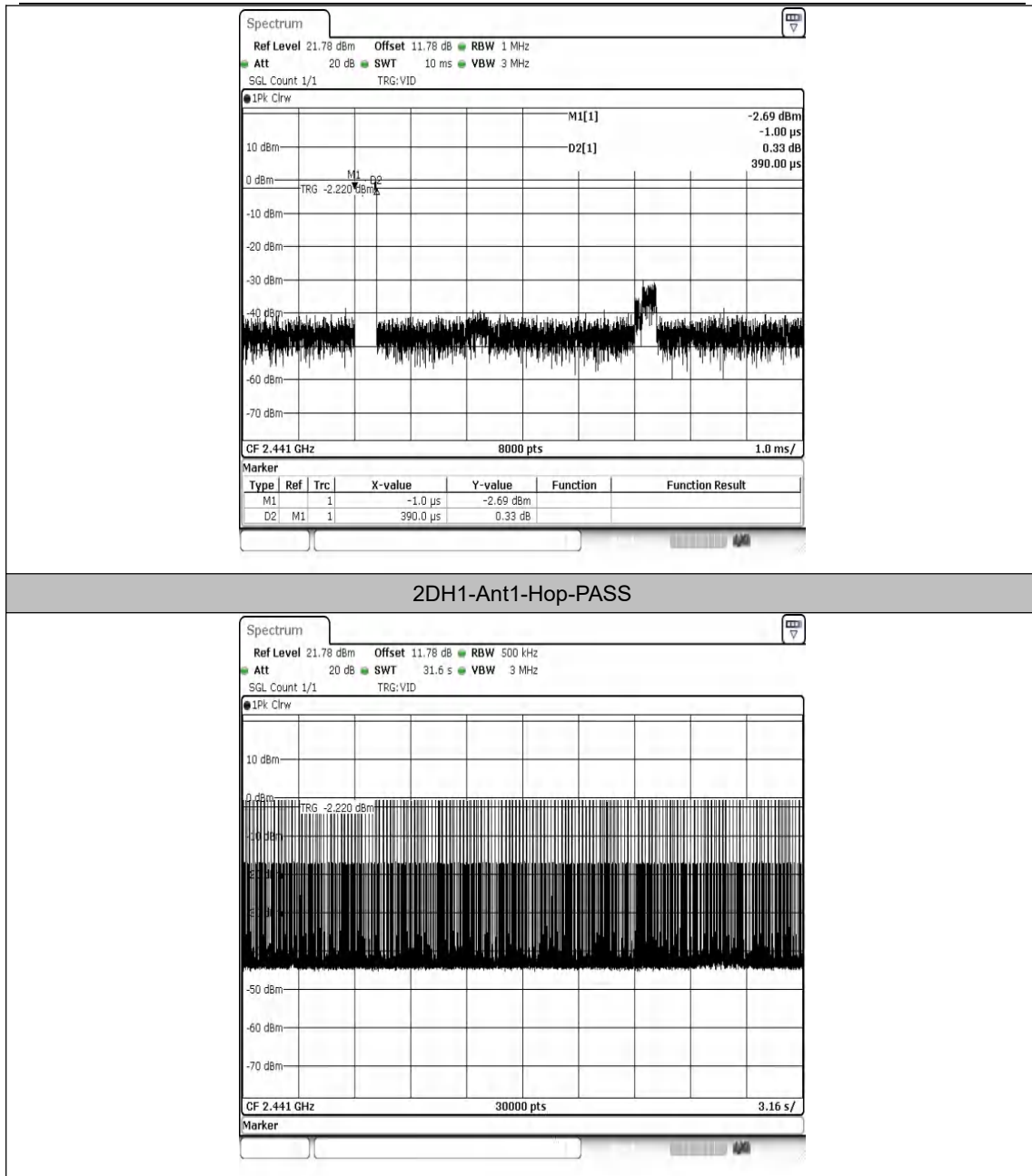




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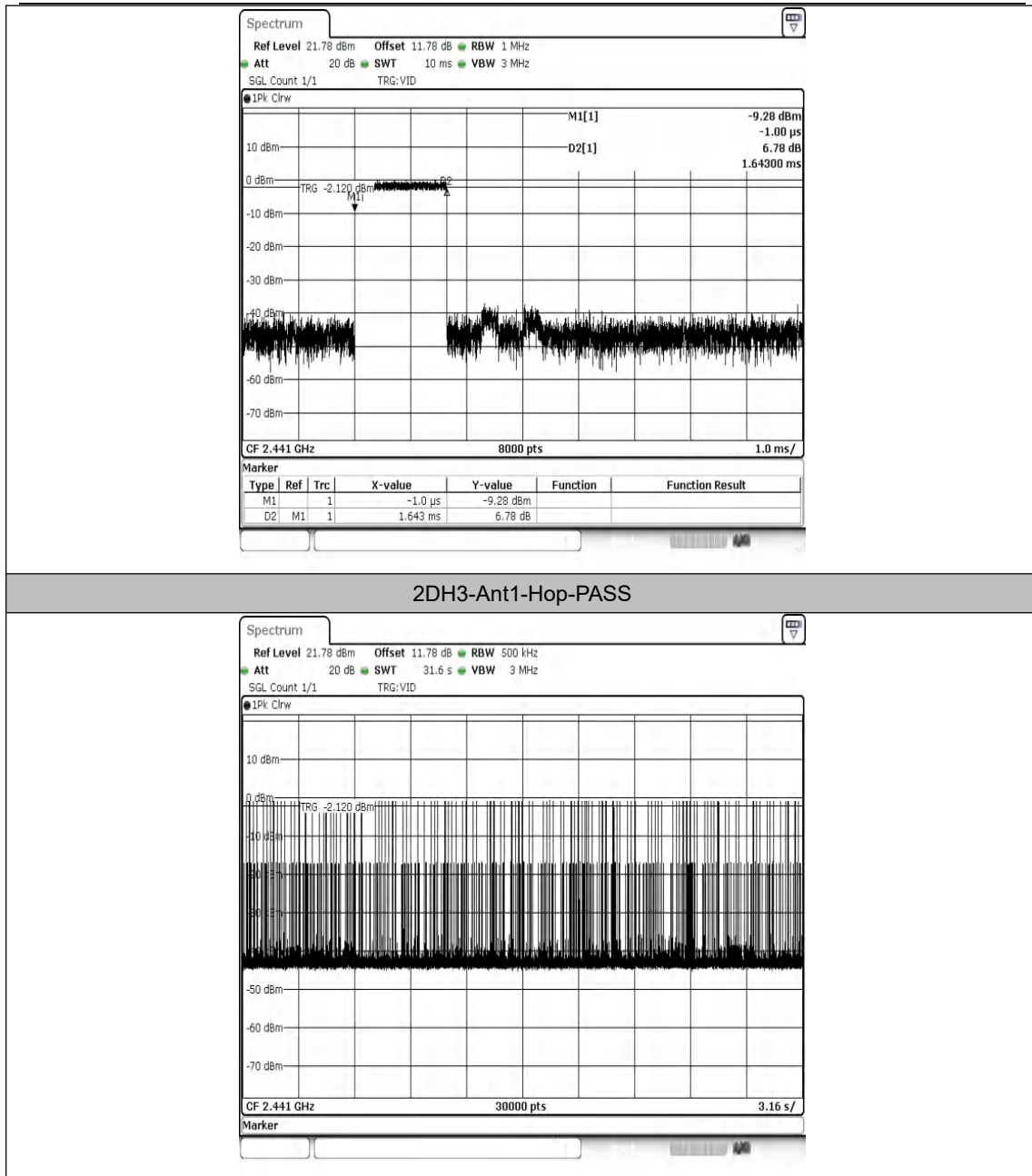
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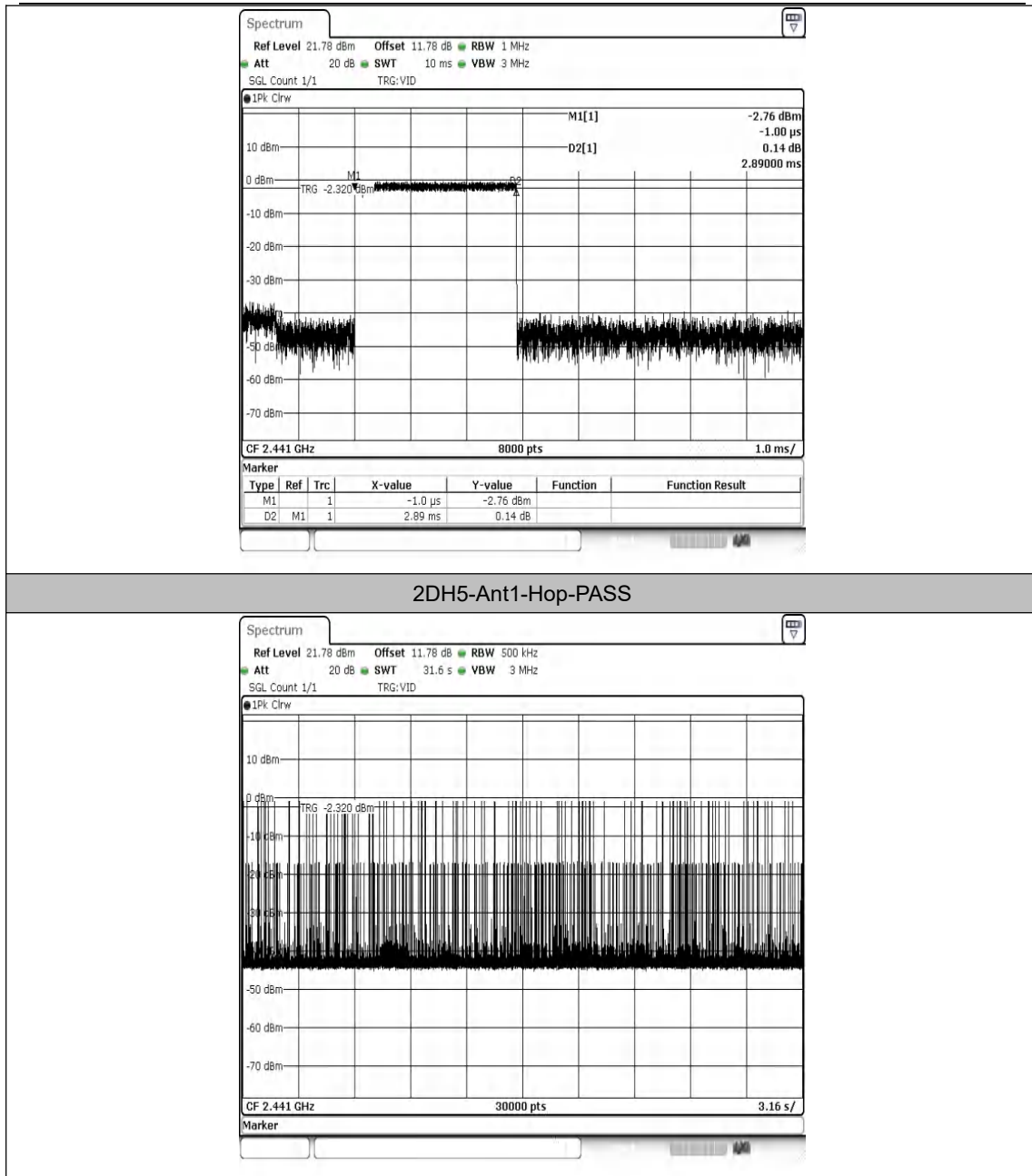
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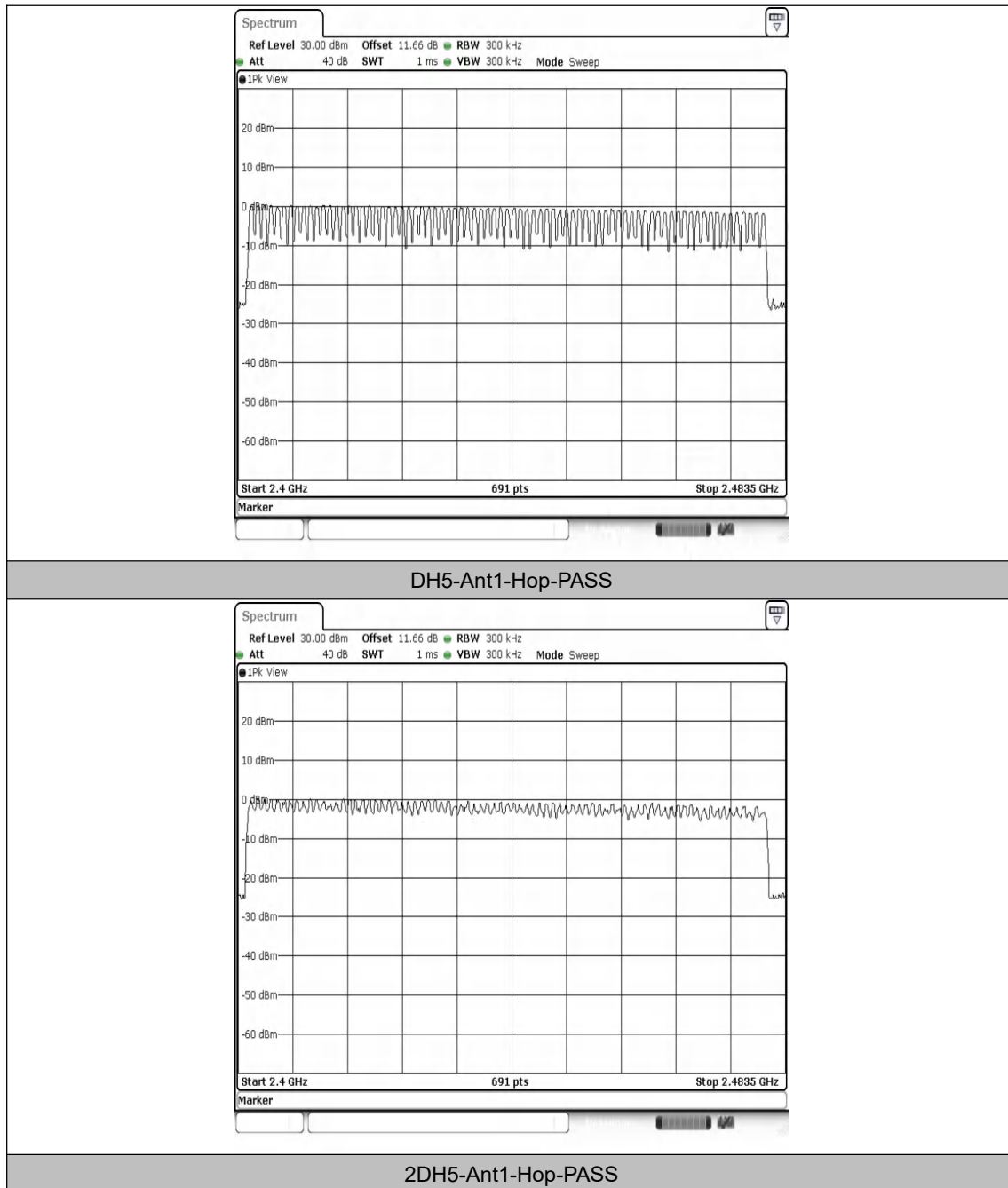
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Appendix F: Number of Hopping Channel

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [Num]	Limit [Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS

Test Graphs



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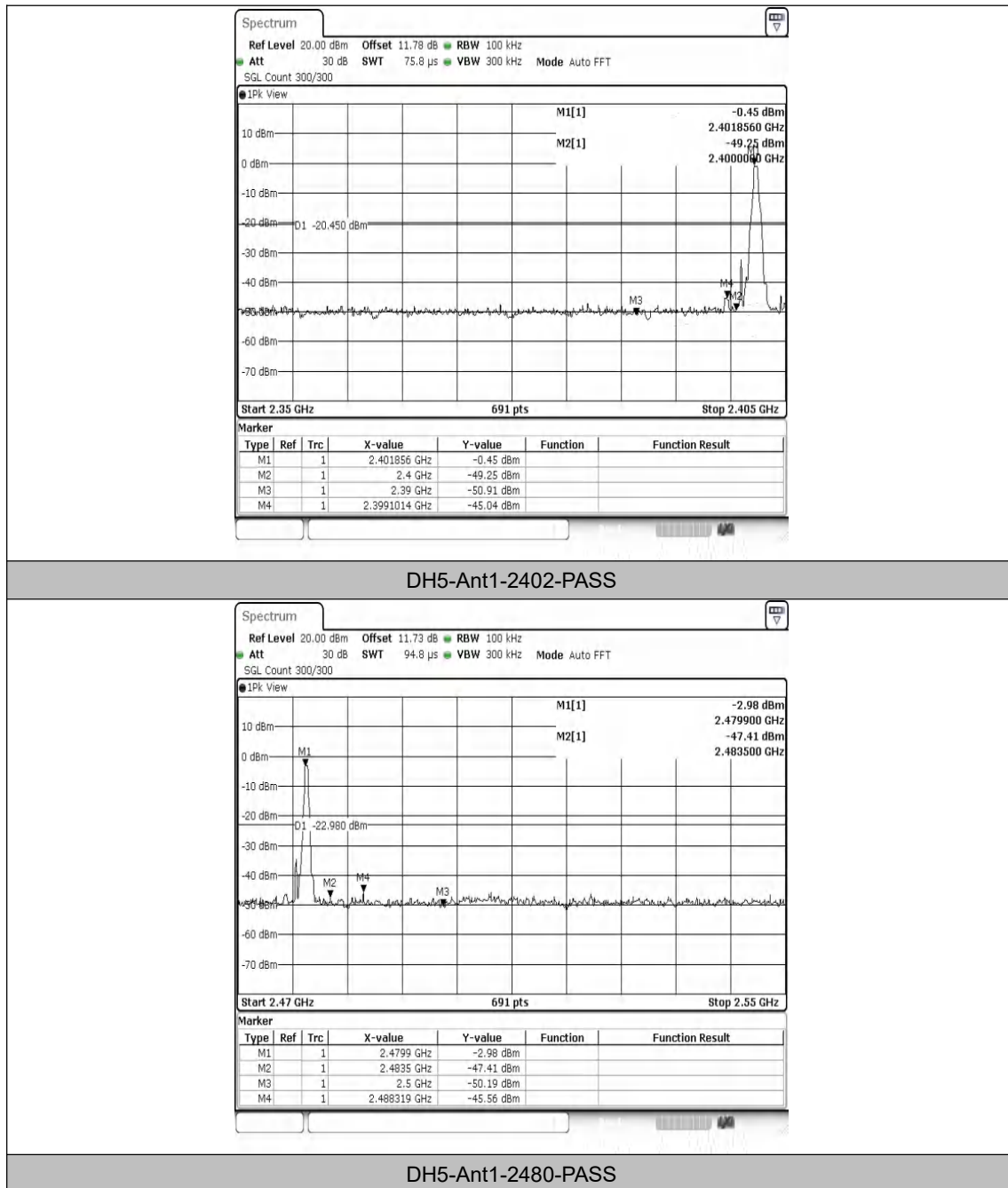
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.45	-45.04	≤-20.45	PASS
DH5	Ant1	High	2480	-2.98	-45.56	≤-22.98	PASS
DH5	Ant1	Low	Hop_2402	-1.09	-45.8	≤-21.09	PASS
DH5	Ant1	High	Hop_2480	-2.64	-45.86	≤-22.64	PASS
2DH5	Ant1	Low	2402	-0.60	-46.58	≤-20.6	PASS
2DH5	Ant1	High	2480	-2.29	-45.73	≤-22.29	PASS
2DH5	Ant1	Low	Hop_2402	-3.61	-46.81	≤-23.61	PASS
2DH5	Ant1	High	Hop_2480	-3.44	-46.02	≤-23.44	PASS



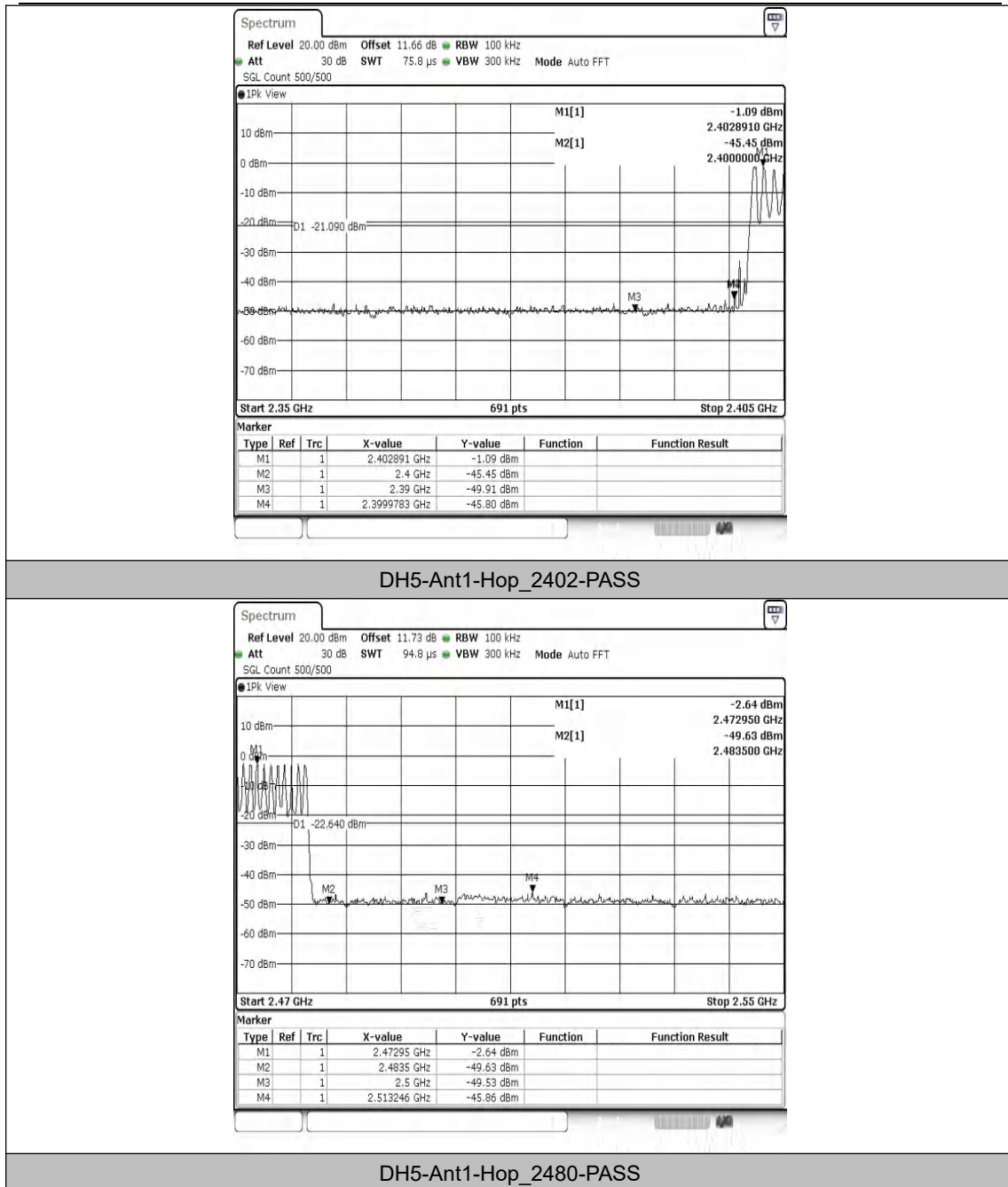
Test Graphs

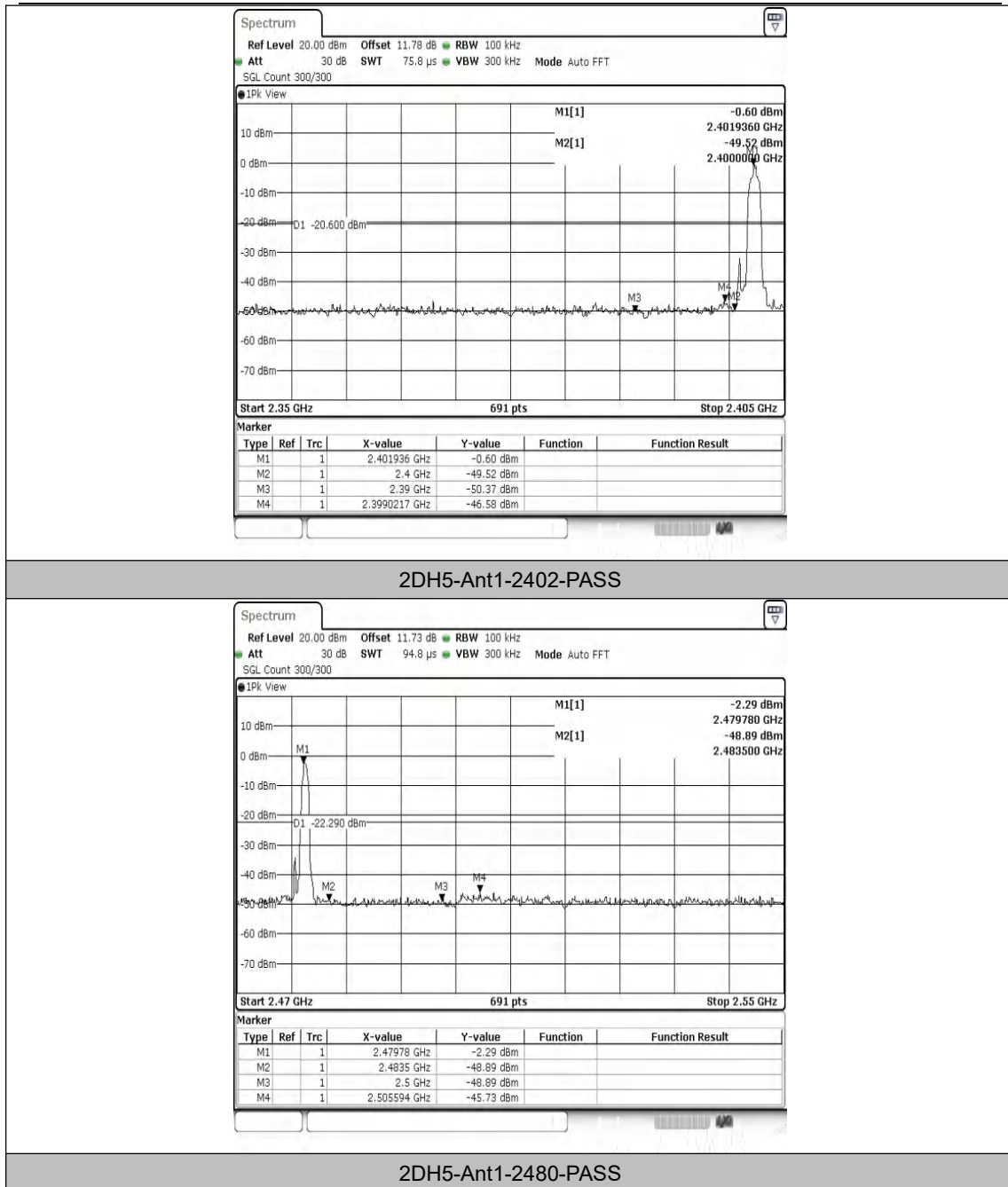


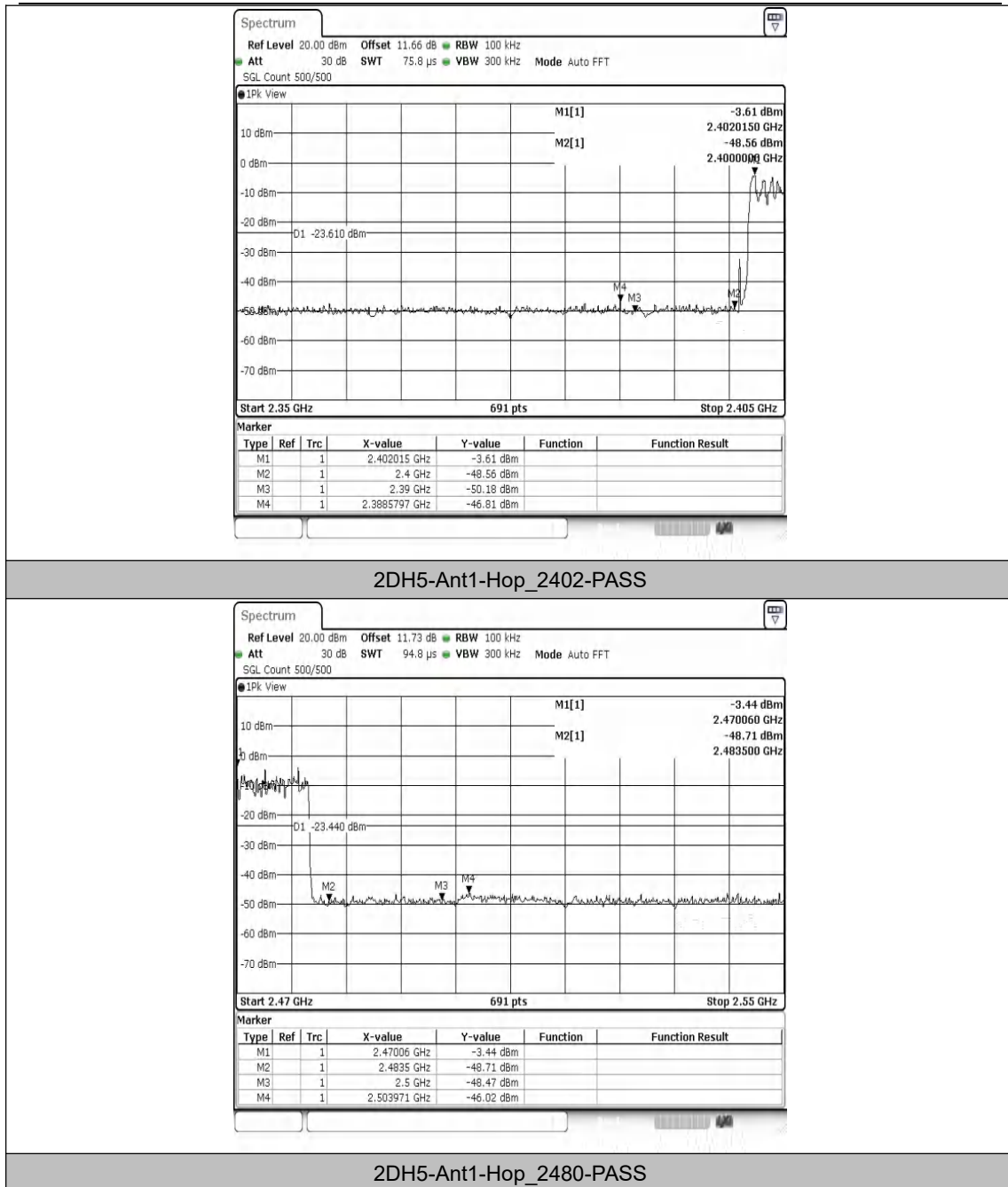
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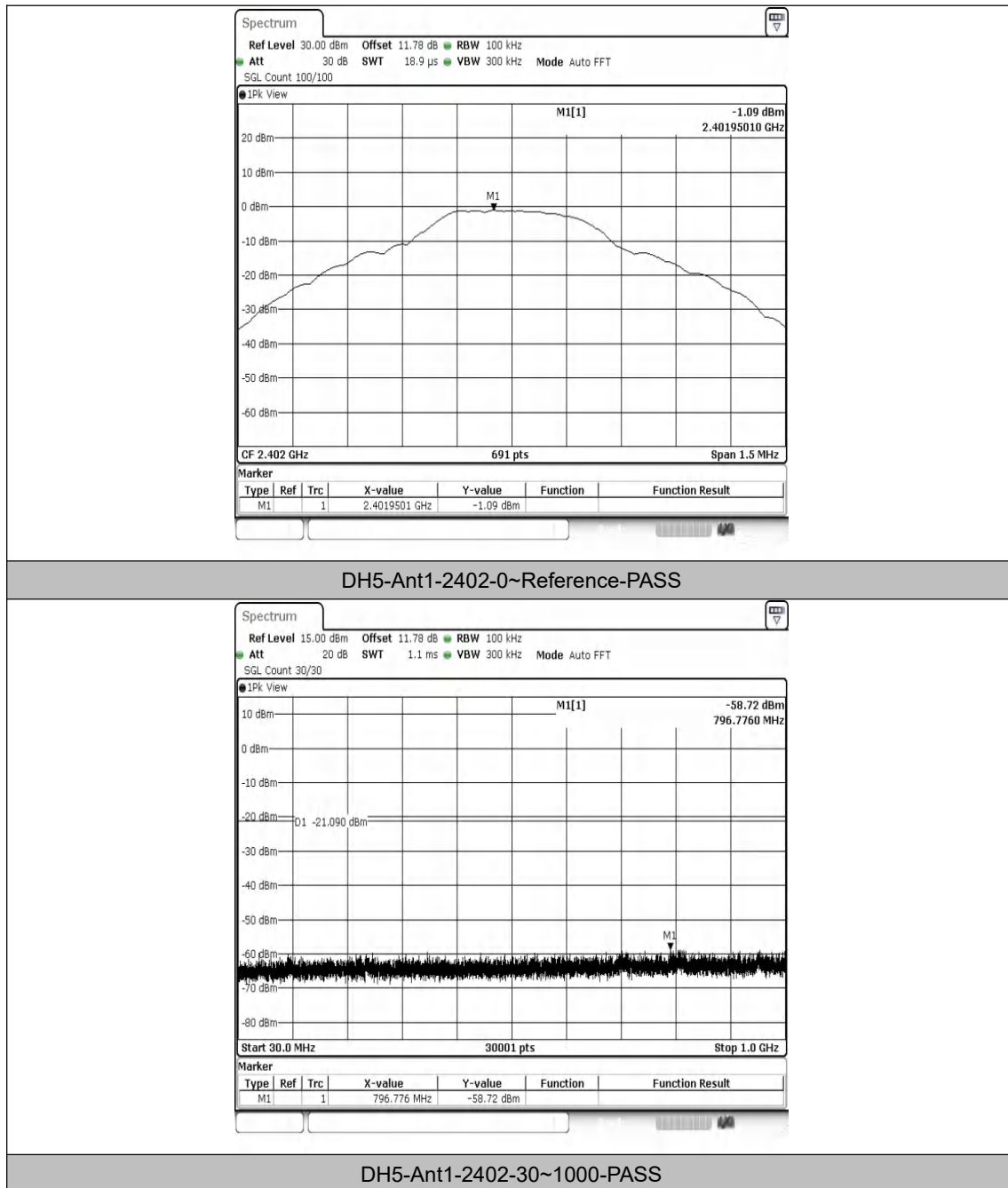
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Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-1.09	-1.09	---	PASS
DH5	Ant1	2402	30~1000	-1.09	-58.72	≤-21.09	PASS
DH5	Ant1	2402	1000~26500	-1.09	-31.85	≤-21.09	PASS
DH5	Ant1	2441	0~Reference	-1.20	-1.20	---	PASS
DH5	Ant1	2441	30~1000	-1.20	-56.36	≤-21.2	PASS
DH5	Ant1	2441	1000~26500	-1.20	-31.36	≤-21.2	PASS
DH5	Ant1	2480	0~Reference	-2.73	-2.73	---	PASS
DH5	Ant1	2480	30~1000	-2.73	-58.27	≤-22.73	PASS
DH5	Ant1	2480	1000~26500	-2.73	-32.65	≤-22.73	PASS
2DH5	Ant1	2402	0~Reference	-0.86	-0.86	---	PASS
2DH5	Ant1	2402	30~1000	-0.86	-56.93	≤-20.86	PASS
2DH5	Ant1	2402	1000~26500	-0.86	-31.99	≤-20.86	PASS
2DH5	Ant1	2441	0~Reference	-2.50	-2.50	---	PASS
2DH5	Ant1	2441	30~1000	-2.50	-57.73	≤-22.5	PASS
2DH5	Ant1	2441	1000~26500	-2.50	-30.92	≤-22.5	PASS
2DH5	Ant1	2480	0~Reference	-3.24	-3.24	---	PASS
2DH5	Ant1	2480	30~1000	-3.24	-57.94	≤-23.24	PASS
2DH5	Ant1	2480	1000~26500	-3.24	-32.98	≤-23.24	PASS

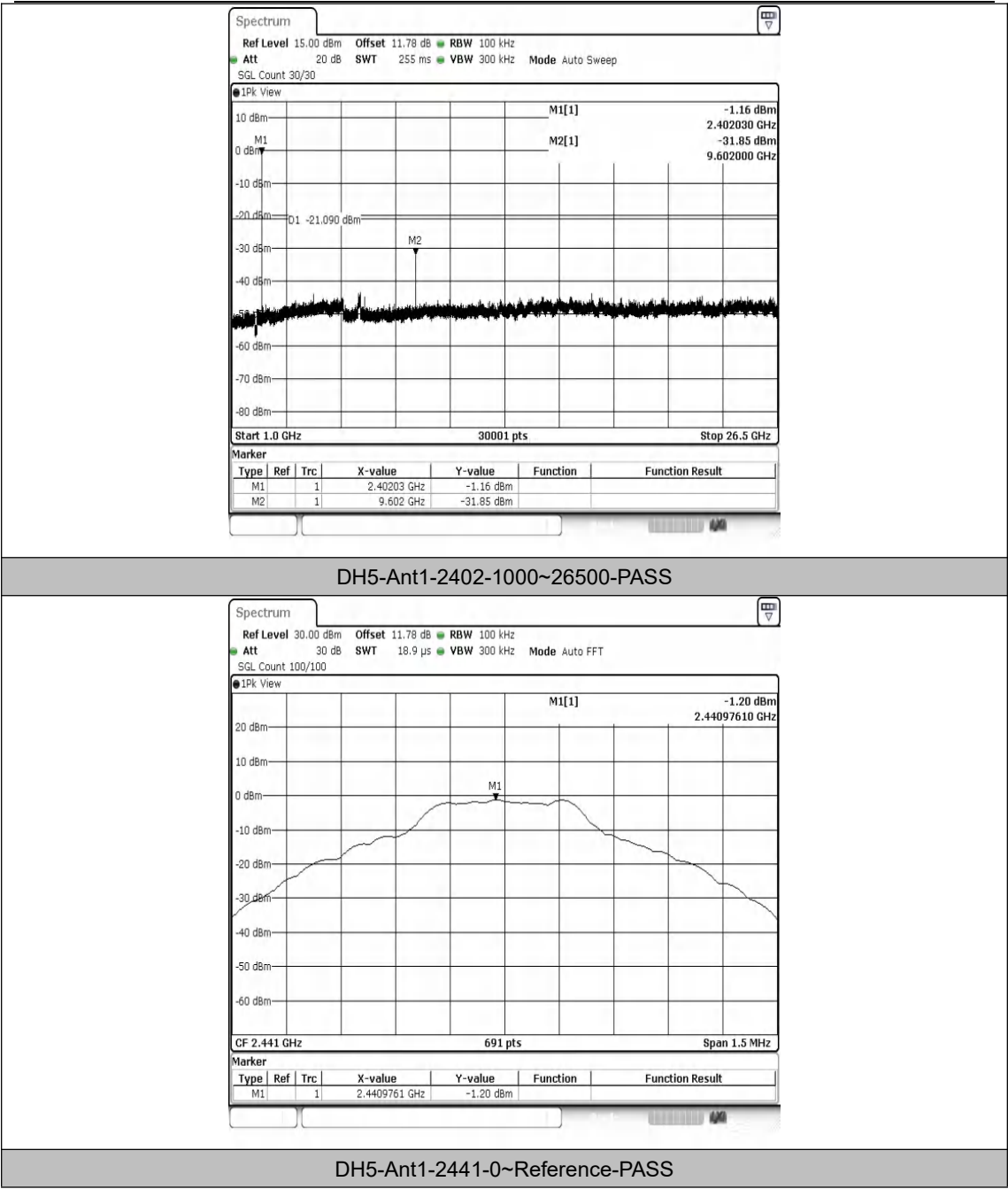
Test Graphs

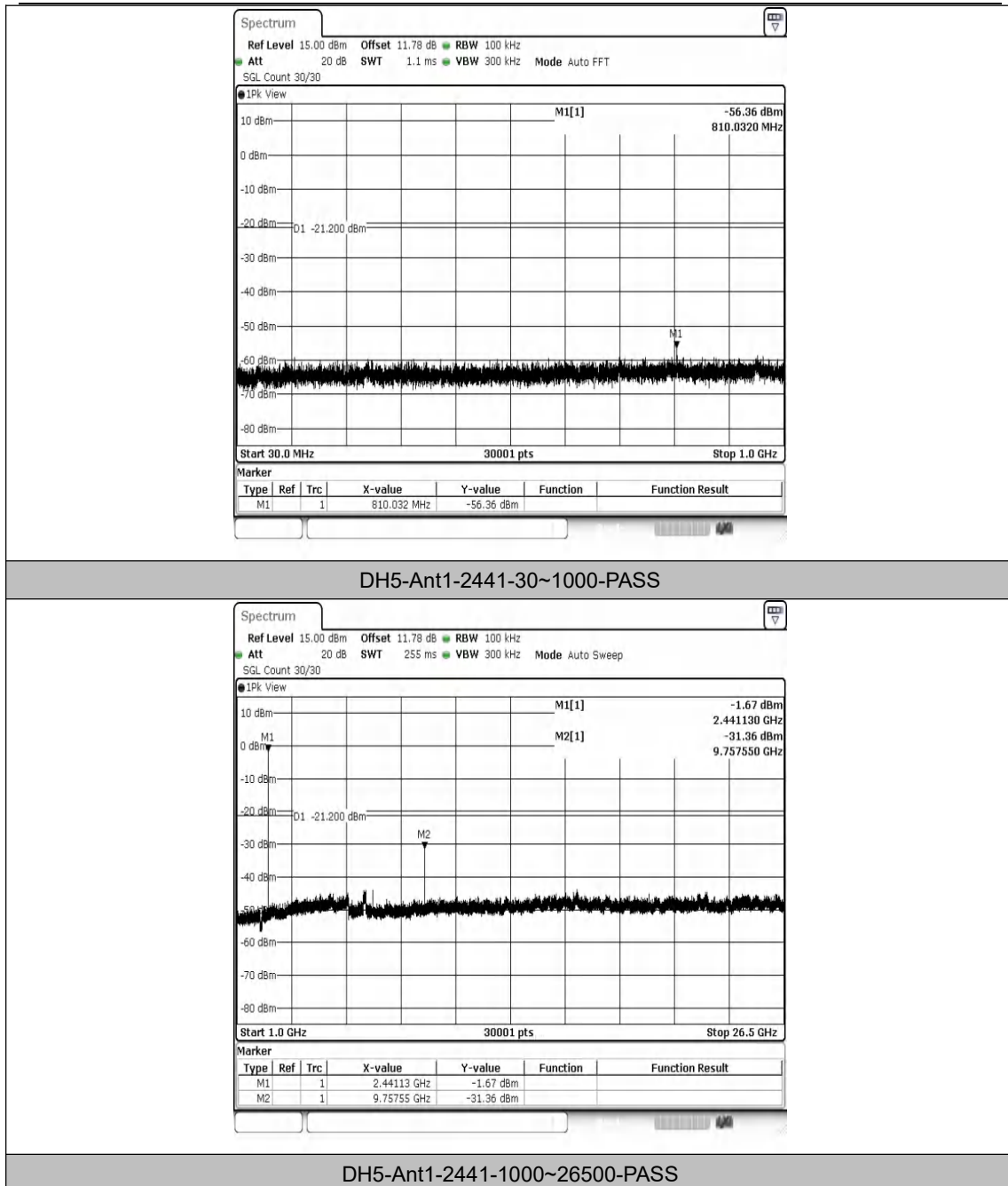


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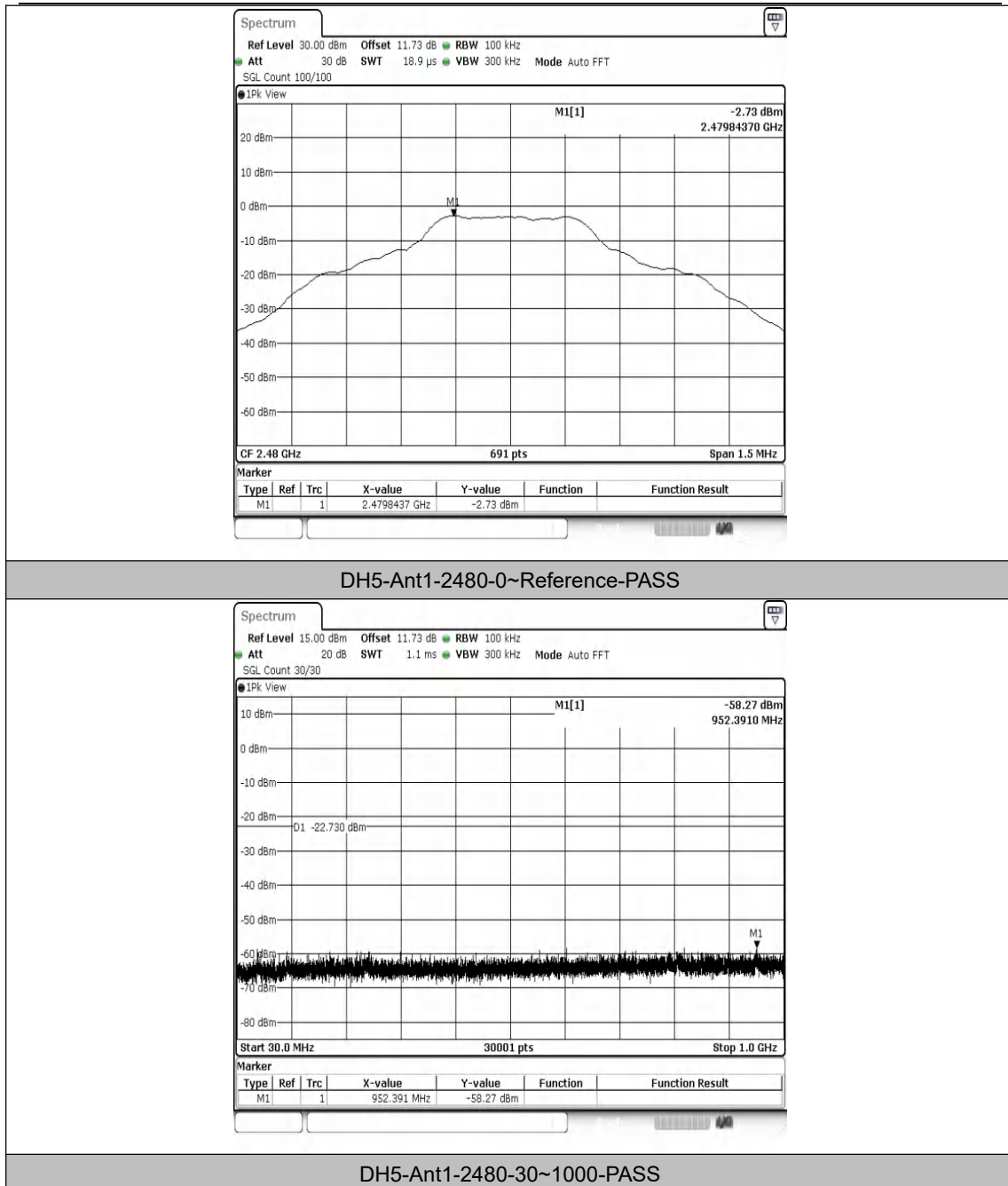




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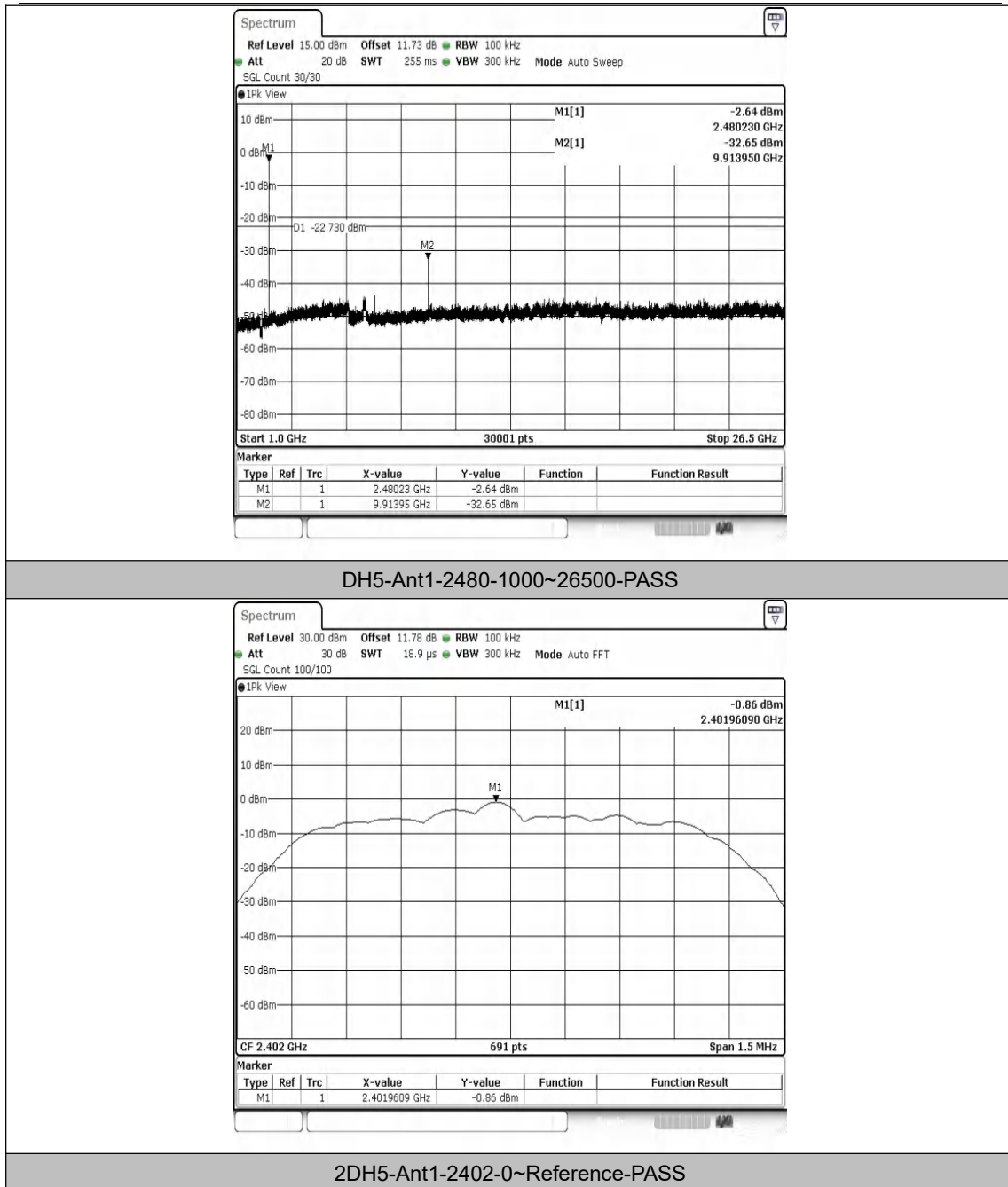
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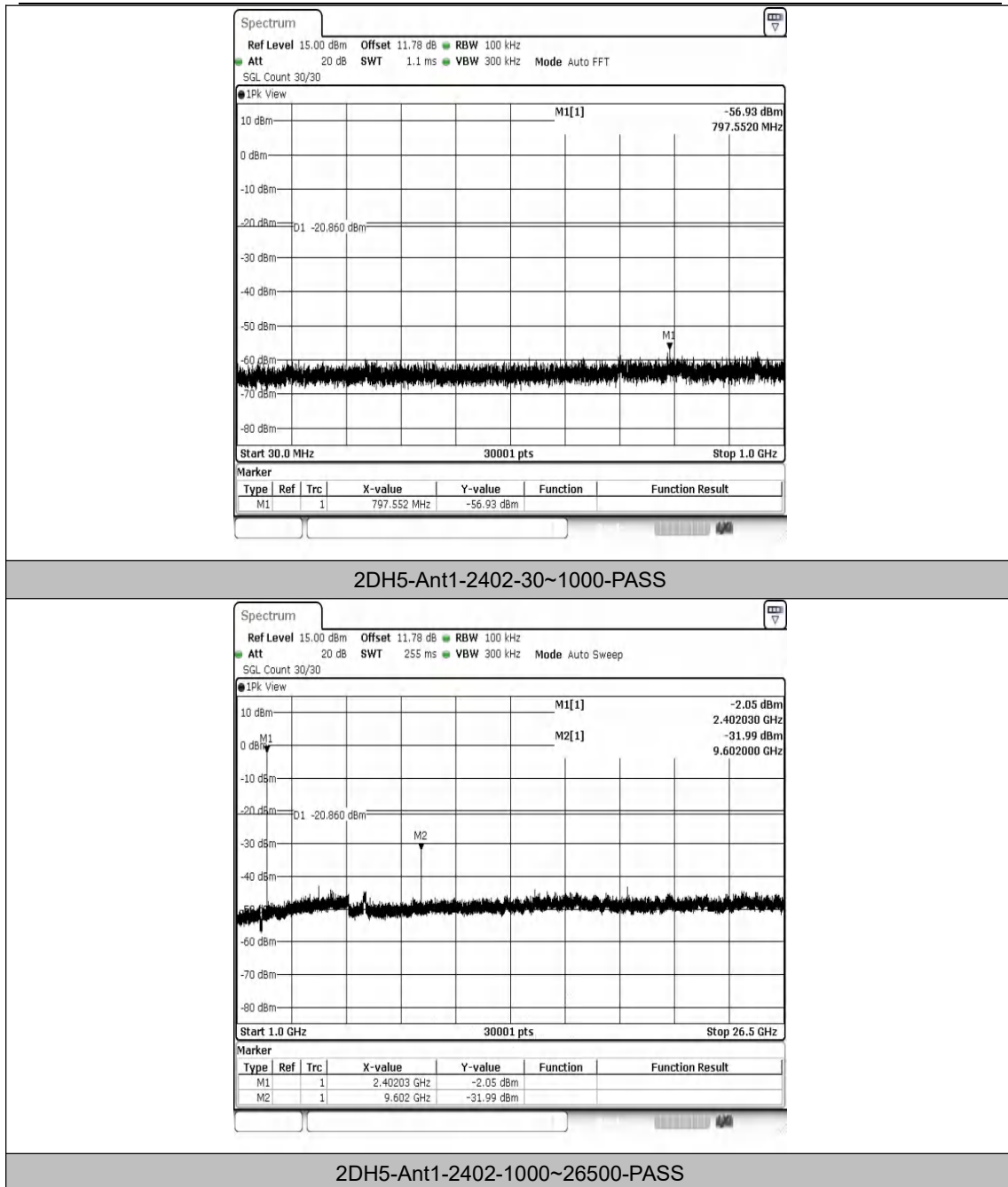
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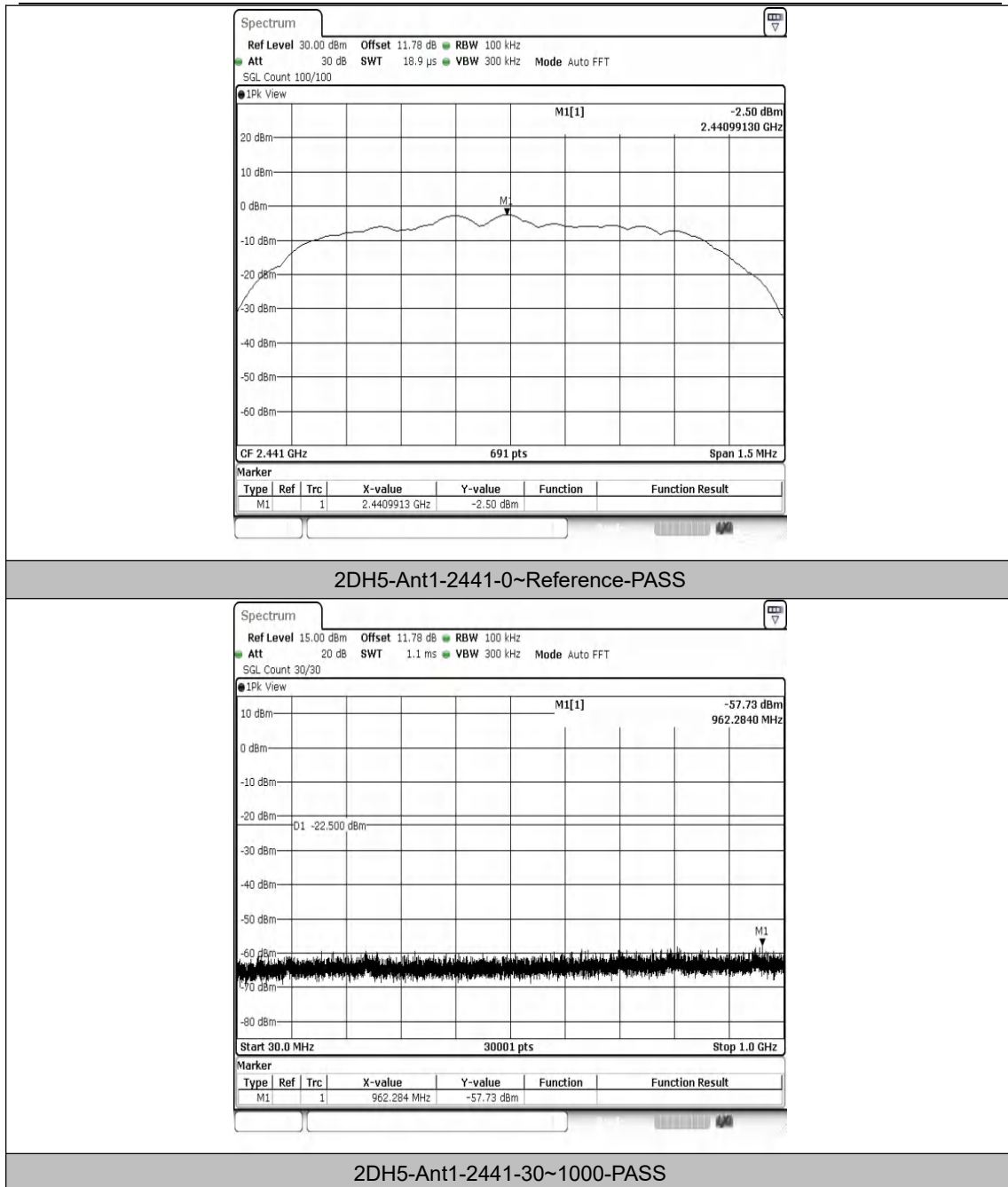
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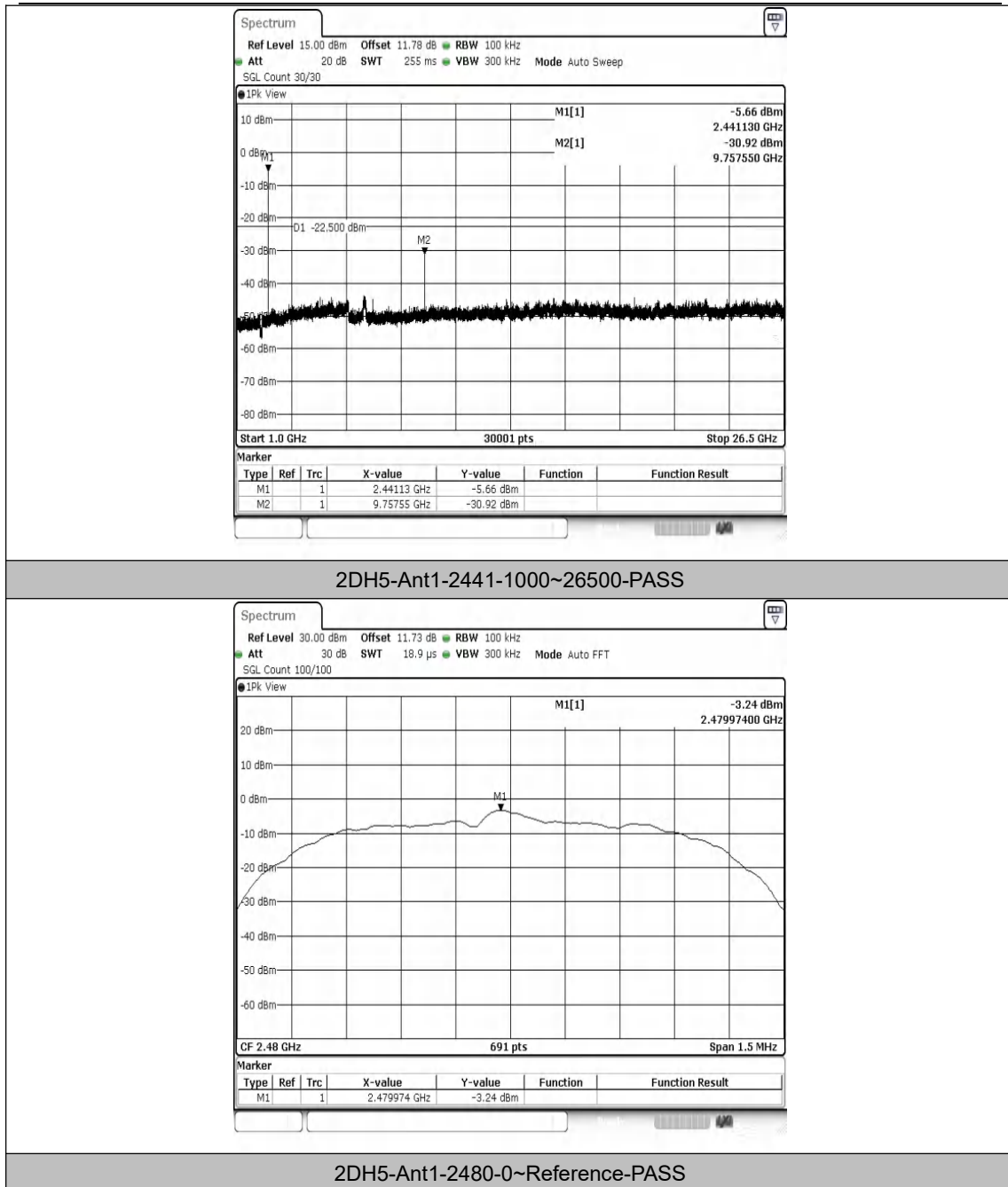
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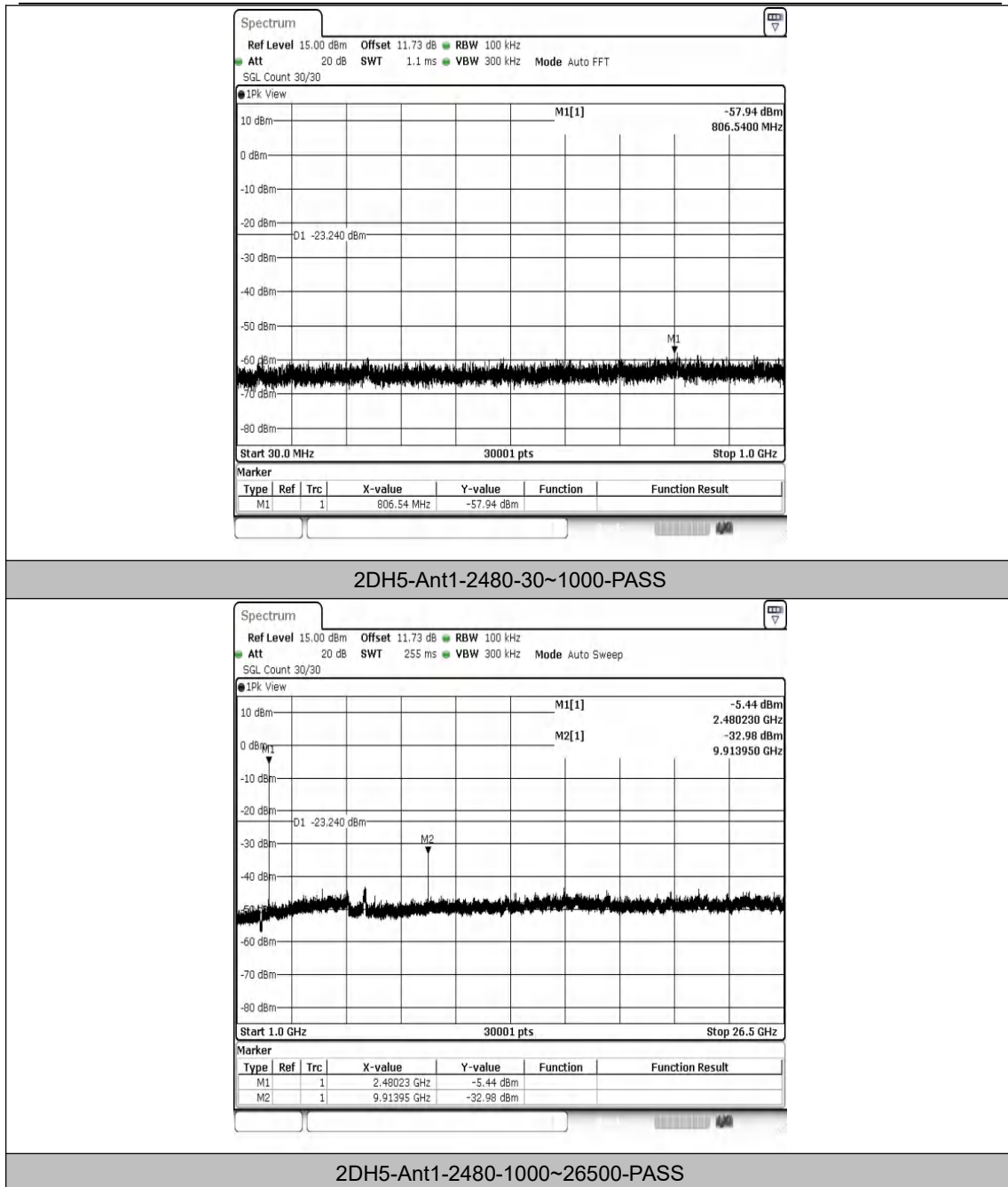
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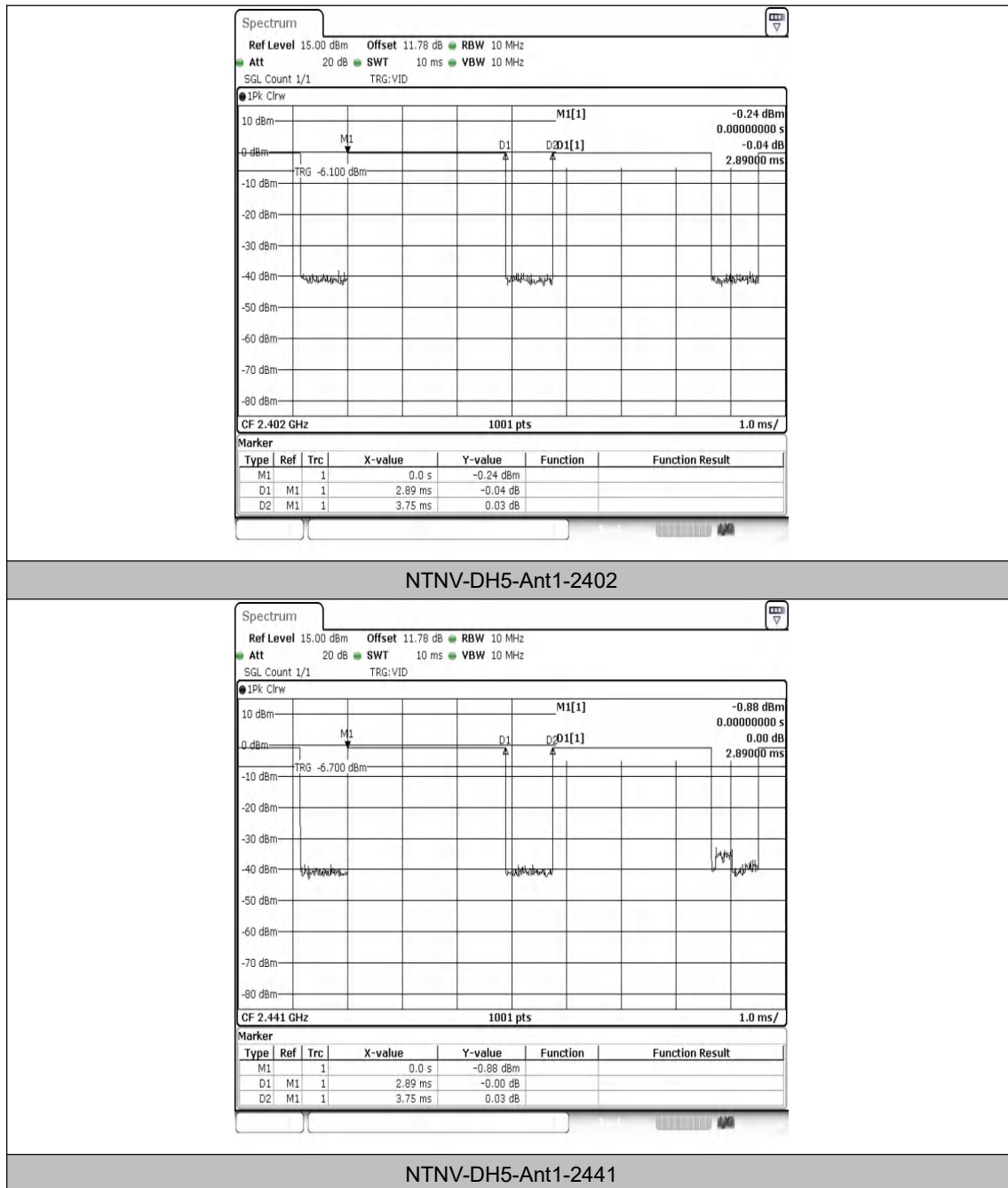
Appendix I: Duty Cycle

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	3.76	76.86	1.14
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	2.90	3.76	77.13	1.13



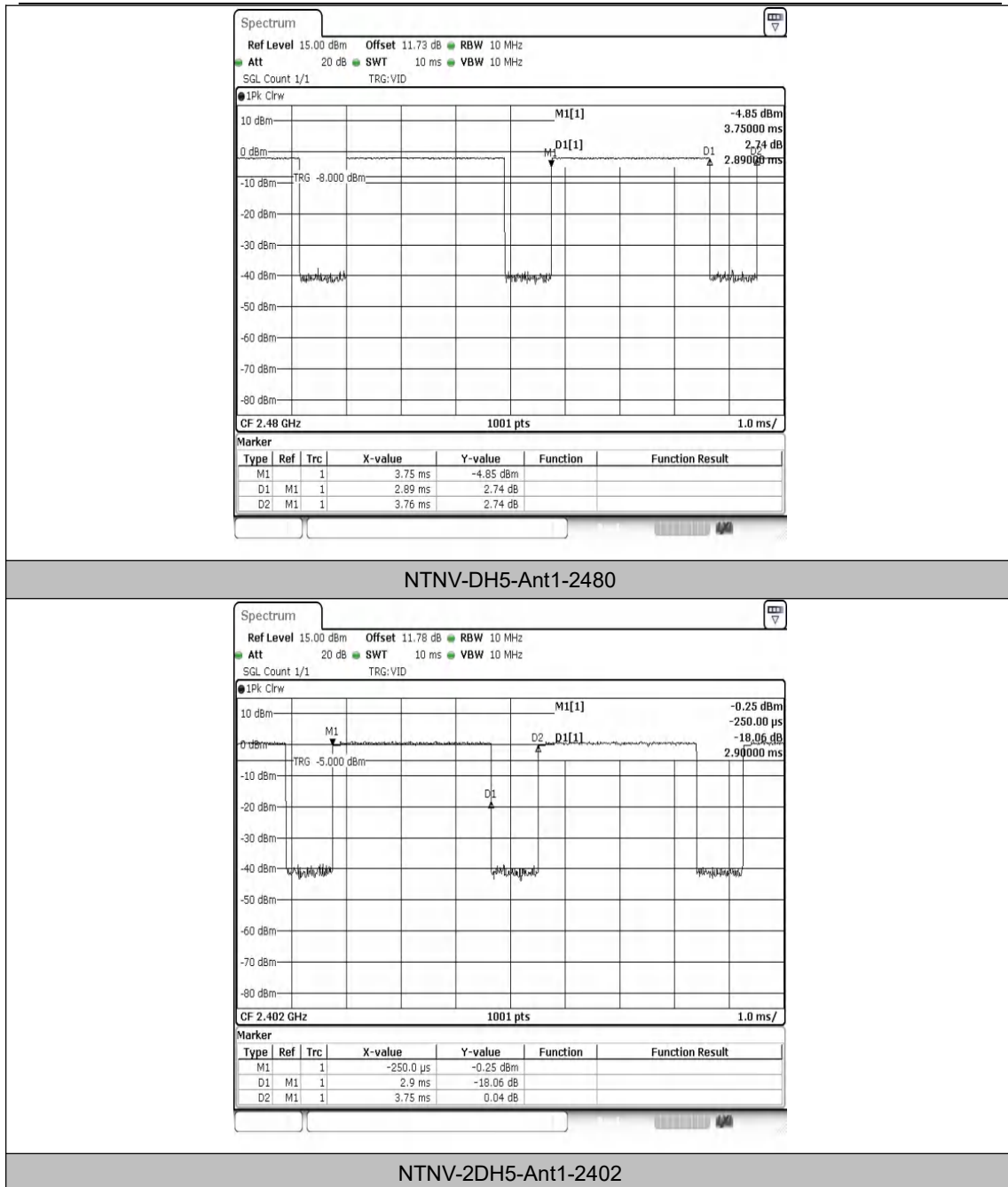
Test Graphs

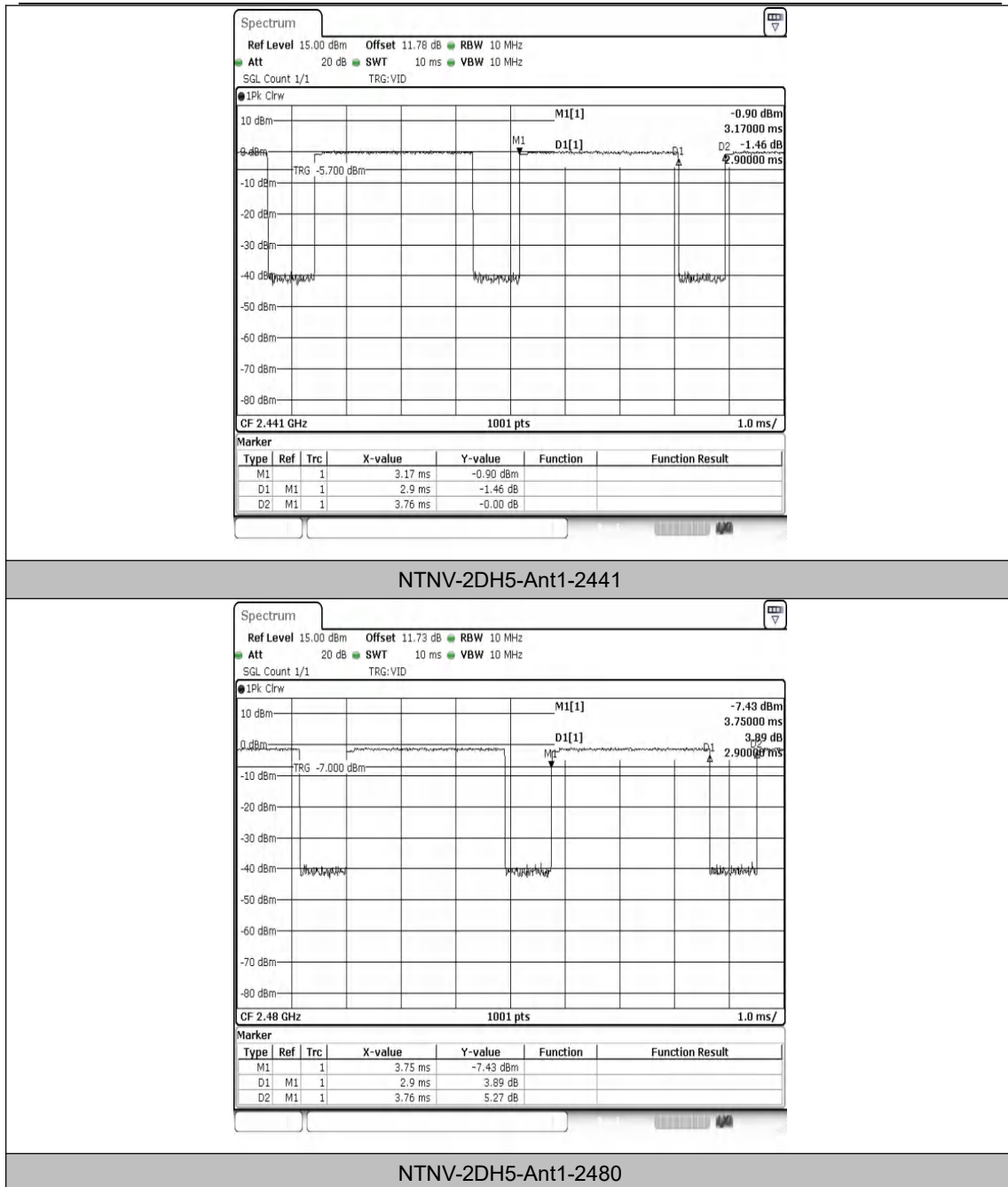


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