

## Appendix Test Data

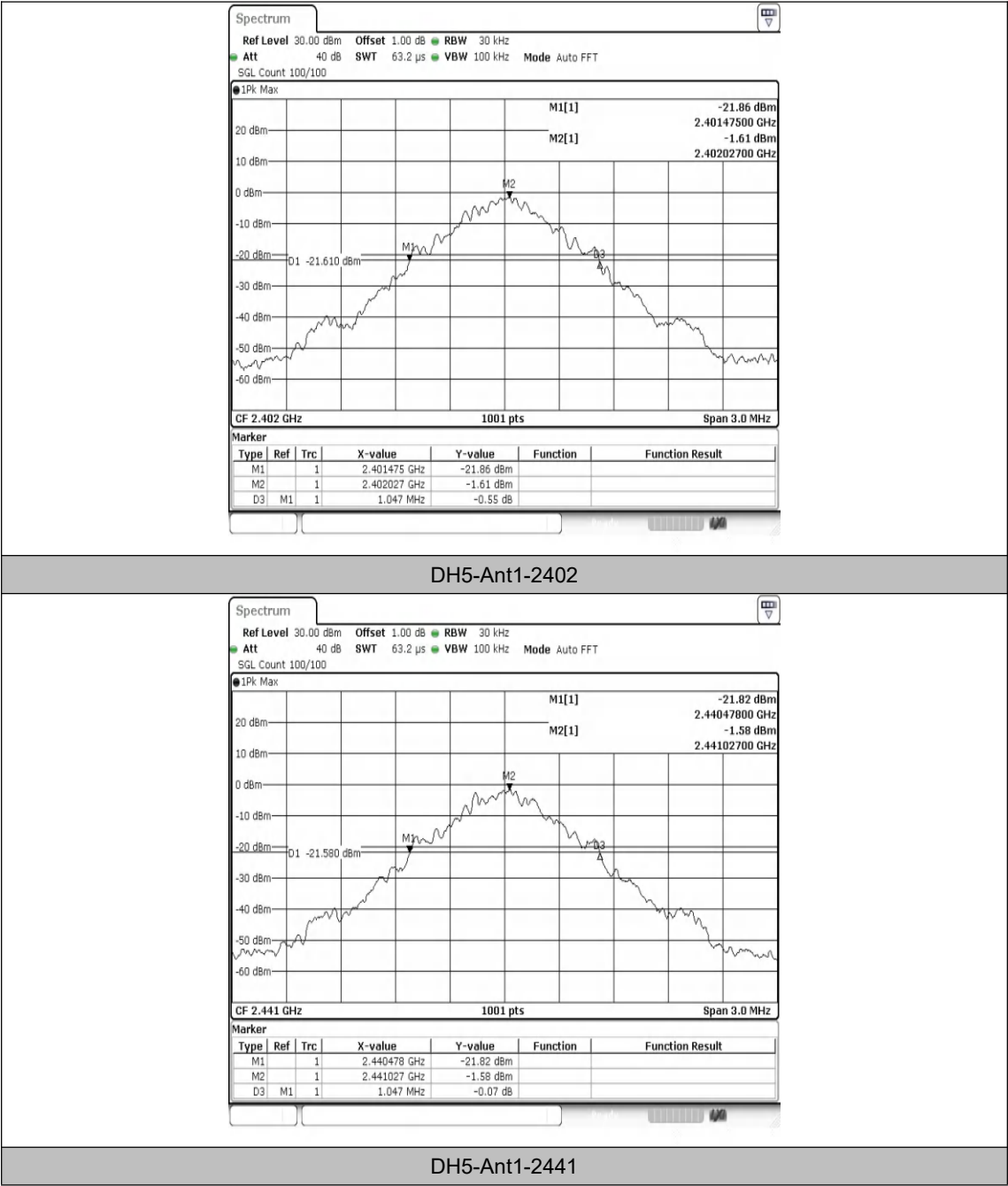
Report No.:	1812C50351512501	Test Sample No.:	1-2-2
Start Test Date:	2025-7-18	Finish Test Date:	2025-7-21
Test Engineer:	<i>dylan. Ma</i>	Auditor:	<i>Justin Feng</i>
Temperature:	26.1℃	Relative Humidity:	66%
Pressure:	101kPa		

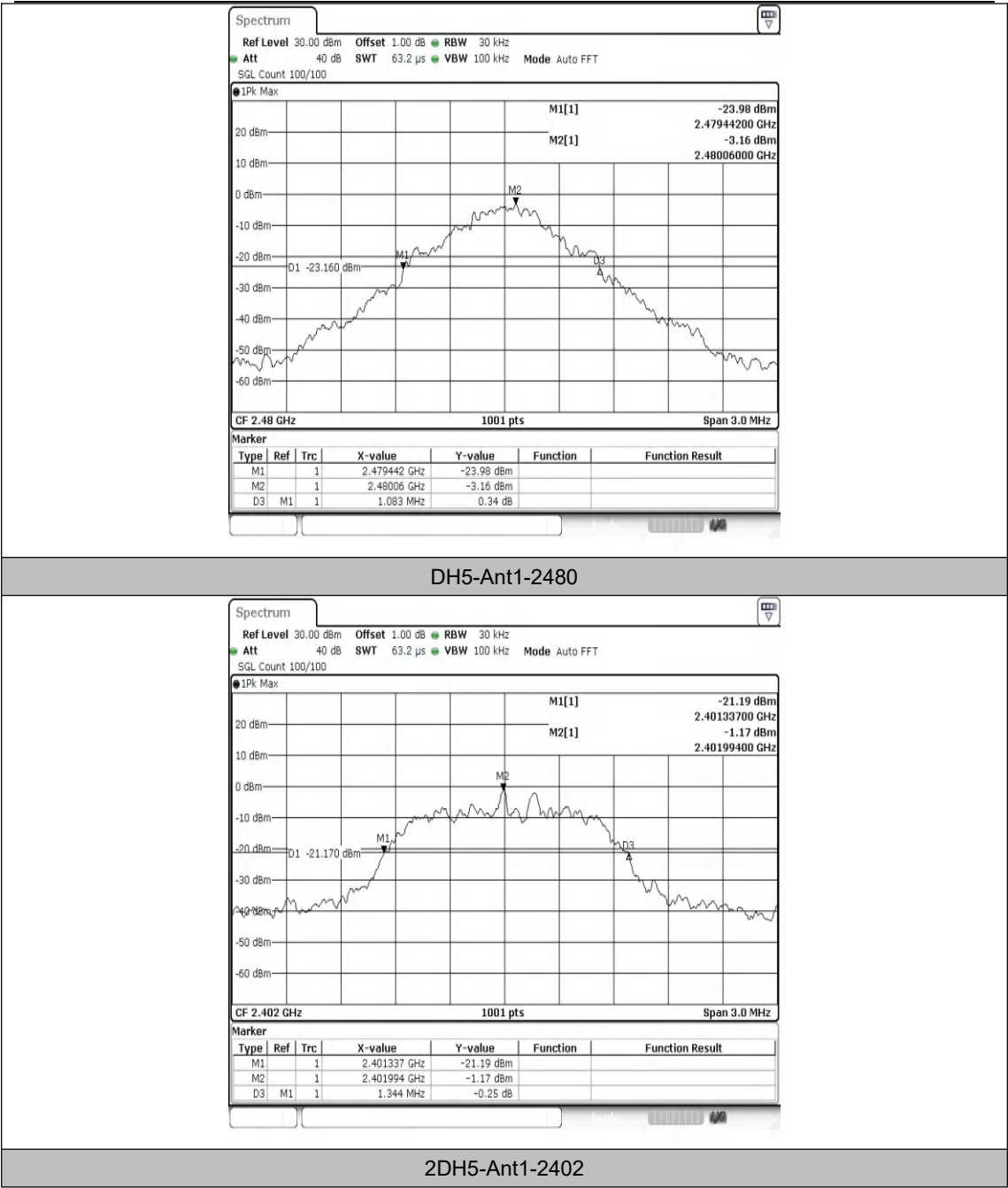
## Appendix A: 20dB Bandwidth

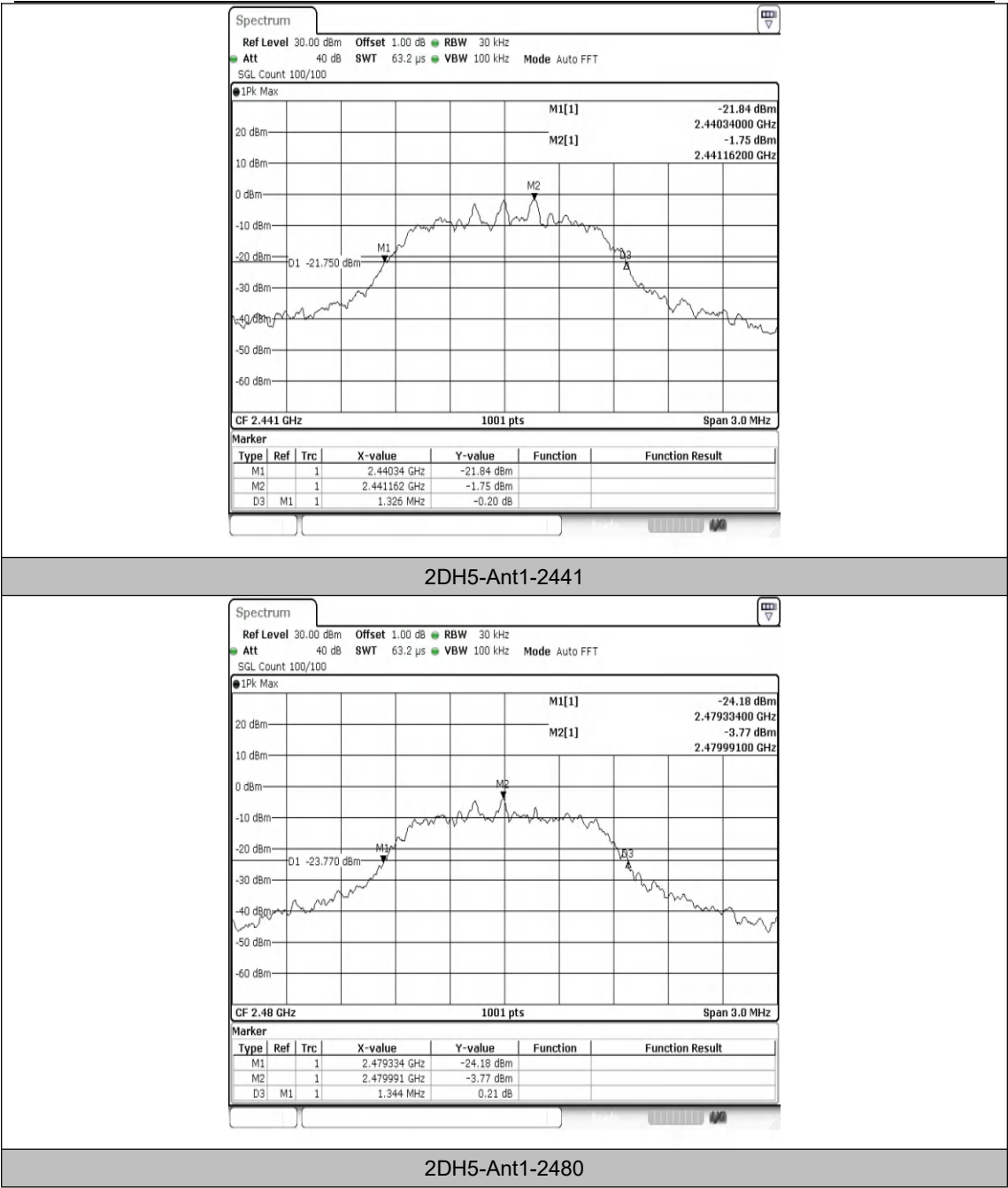
### Test Result

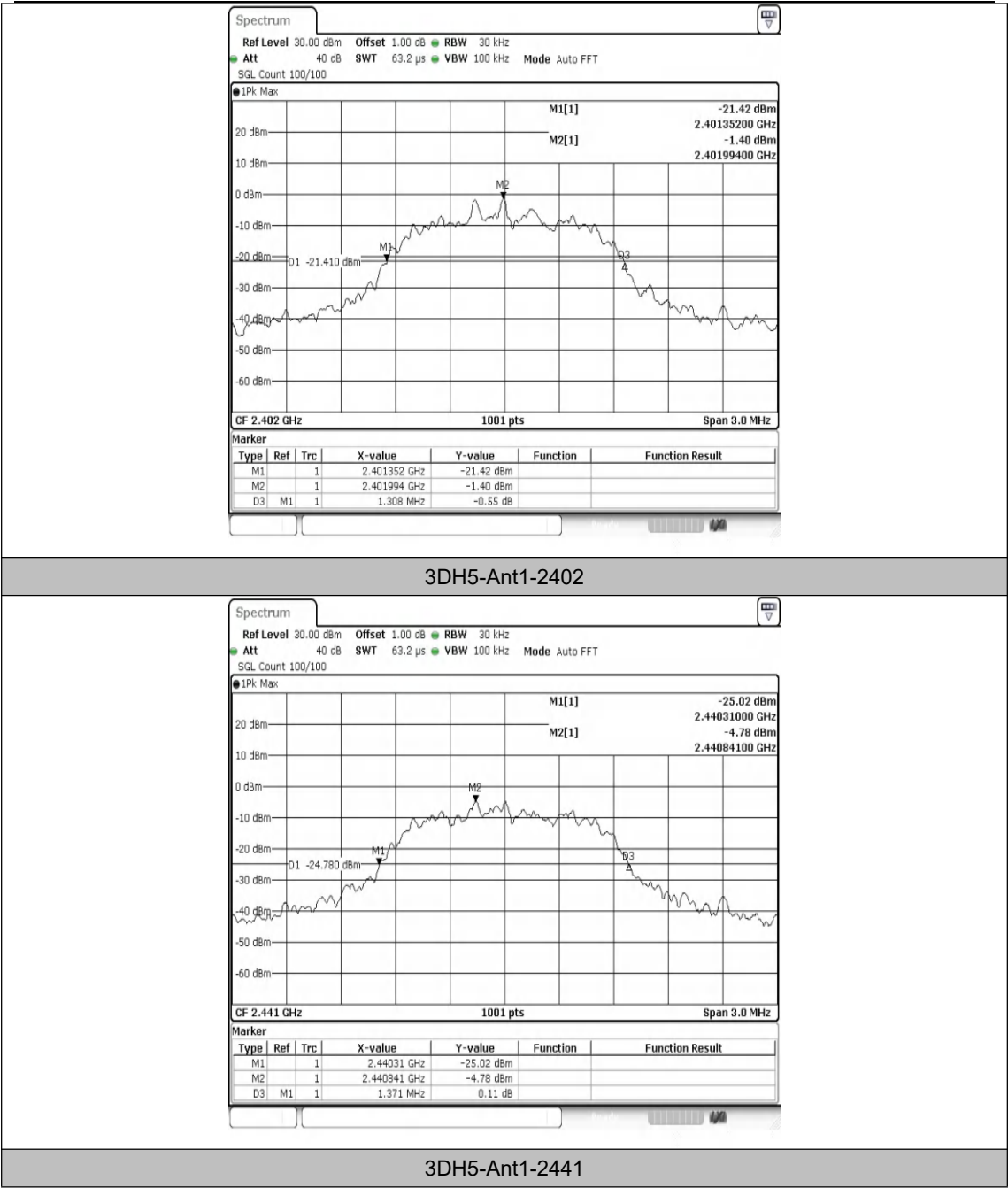
Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.05	2401.48	2402.52	---	---
DH5	Ant1	2441	1.05	2440.48	2441.53	---	---
DH5	Ant1	2480	1.08	2479.44	2480.53	---	---
2DH5	Ant1	2402	1.34	2401.34	2402.68	---	---
2DH5	Ant1	2441	1.33	2440.34	2441.67	---	---
2DH5	Ant1	2480	1.34	2479.33	2480.68	---	---
3DH5	Ant1	2402	1.31	2401.35	2402.66	---	---
3DH5	Ant1	2441	1.37	2440.31	2441.68	---	---
3DH5	Ant1	2480	1.36	2479.32	2480.68	---	---

Test Graphs











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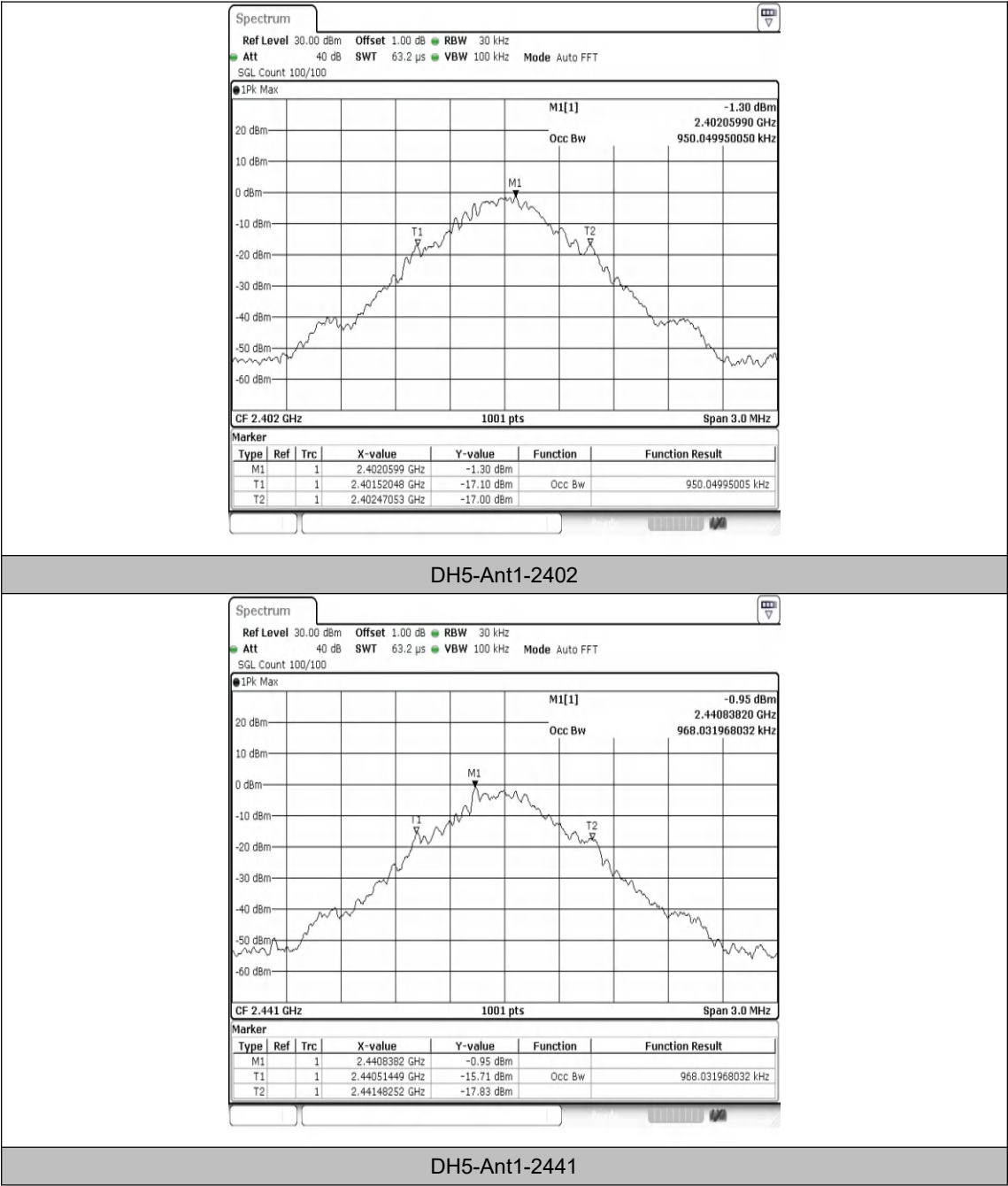
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## Appendix B: 99% Occupied Bandwidth

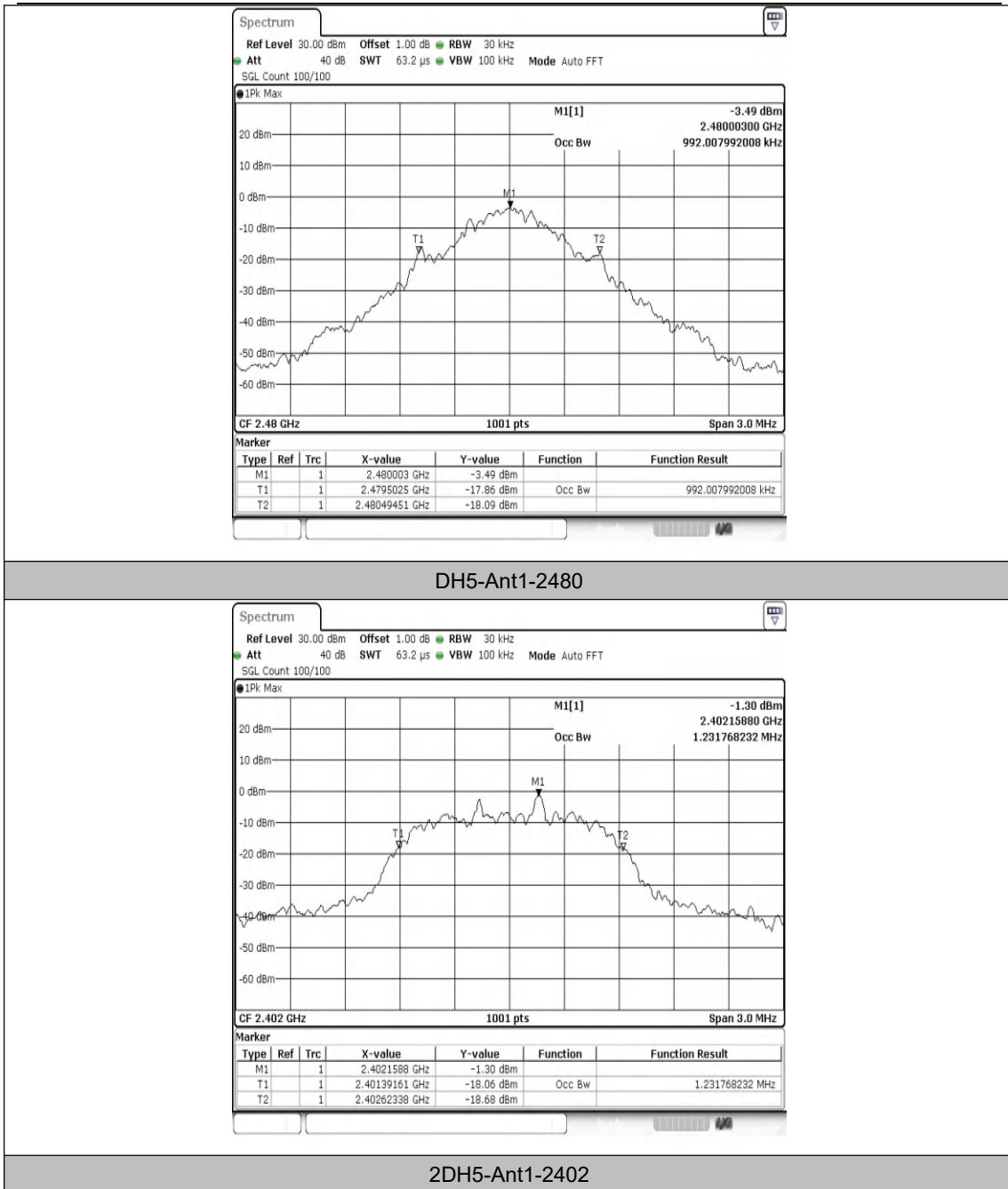
### Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.95005	2401.5205	2402.4705	---	---
DH5	Ant1	2441	0.96803	2440.5145	2441.4825	---	---
DH5	Ant1	2480	0.99201	2479.5025	2480.4945	---	---
2DH5	Ant1	2402	1.2318	2401.3916	2402.6234	---	---
2DH5	Ant1	2441	1.2408	2440.3916	2441.6324	---	---
2DH5	Ant1	2480	1.2617	2479.3766	2480.6384	---	---
3DH5	Ant1	2402	1.2348	2401.3826	2402.6174	---	---
3DH5	Ant1	2441	1.2348	2440.3826	2441.6174	---	---
3DH5	Ant1	2480	1.2527	2479.3736	2480.6264	---	---

Test Graphs



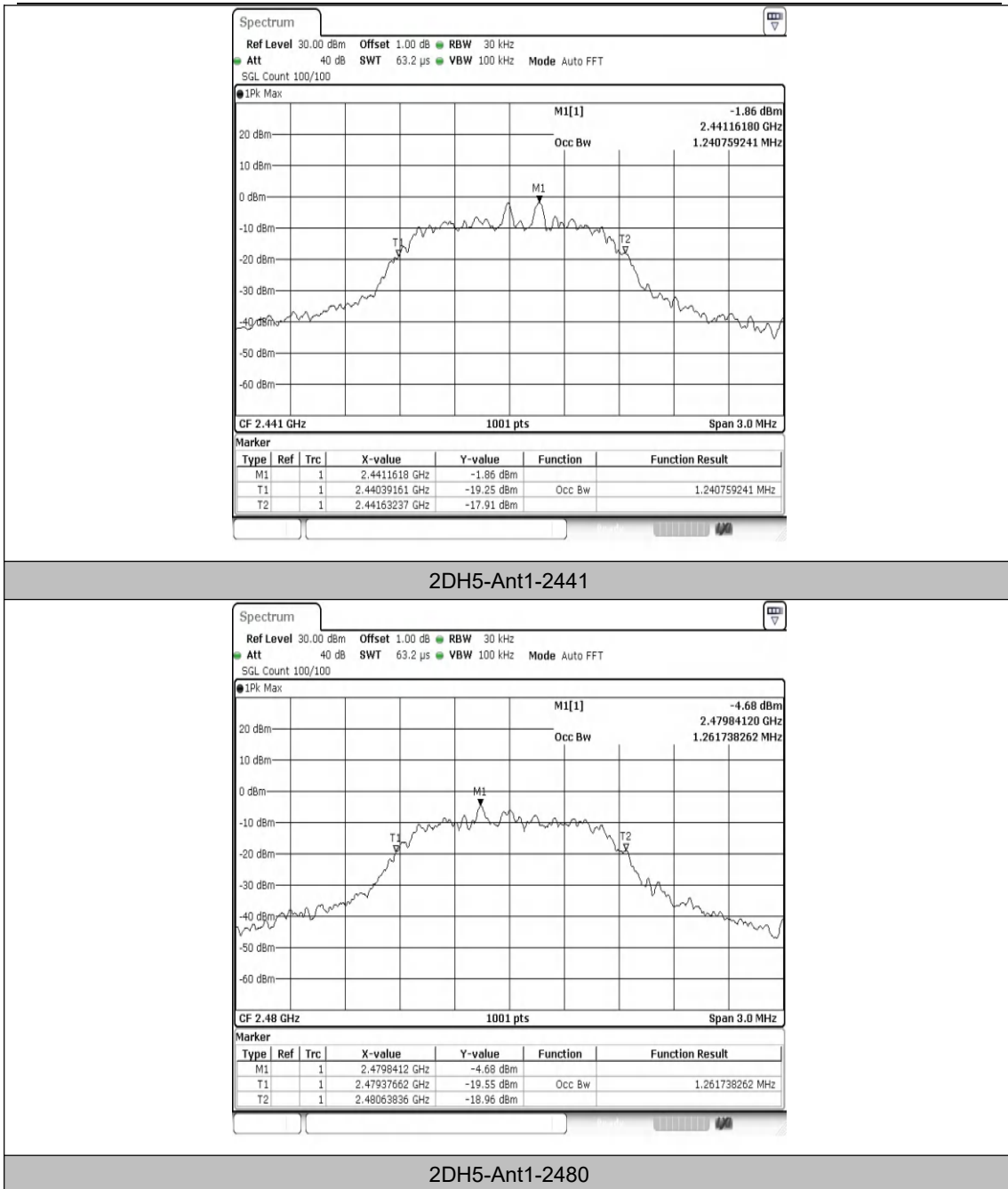




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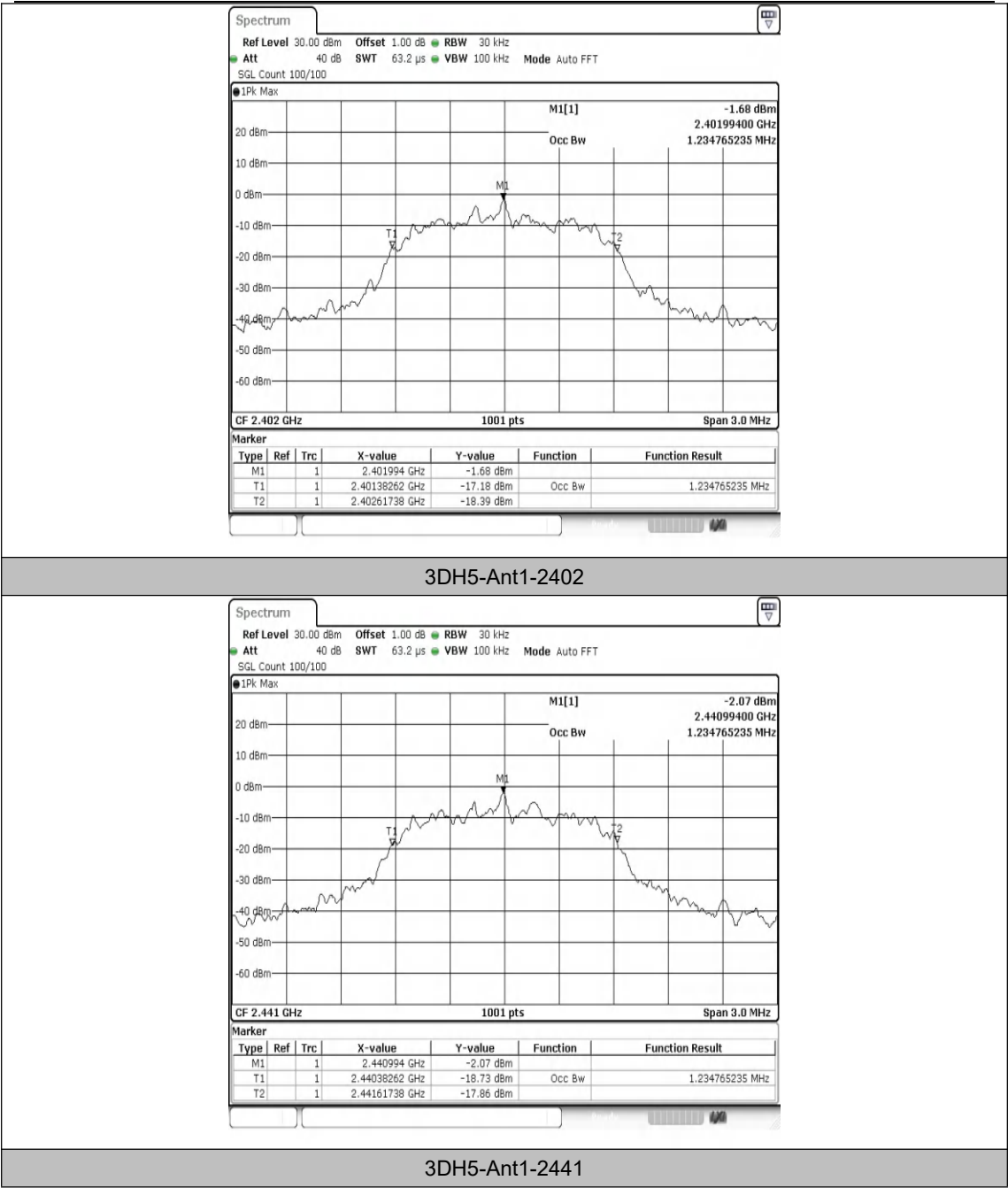
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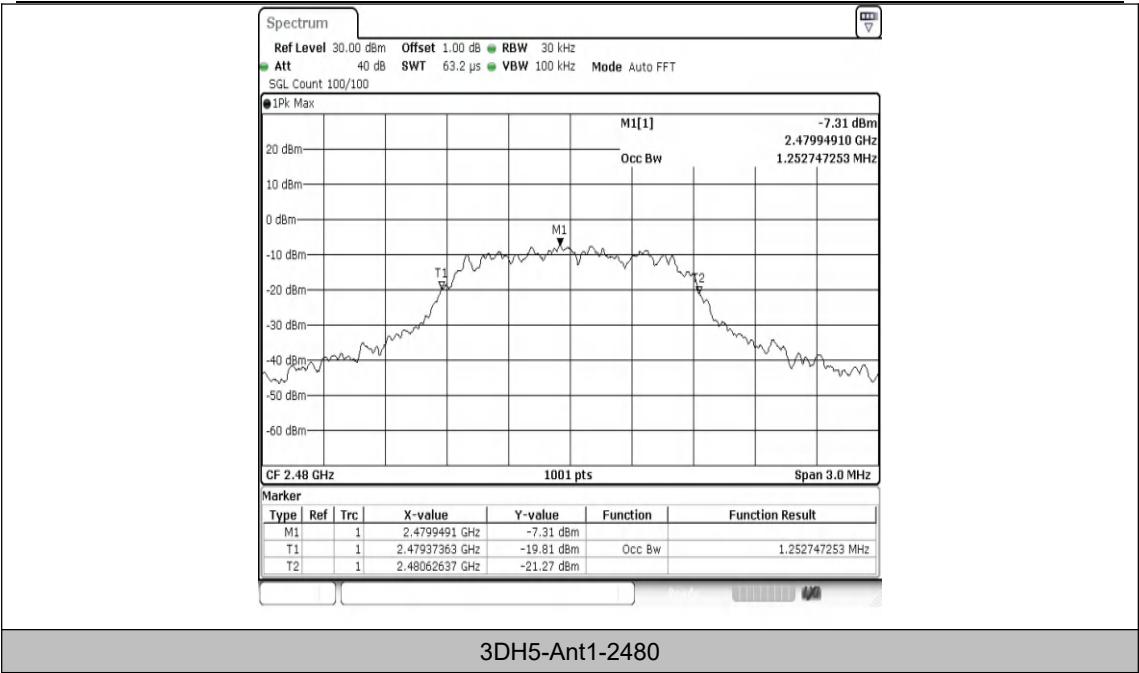


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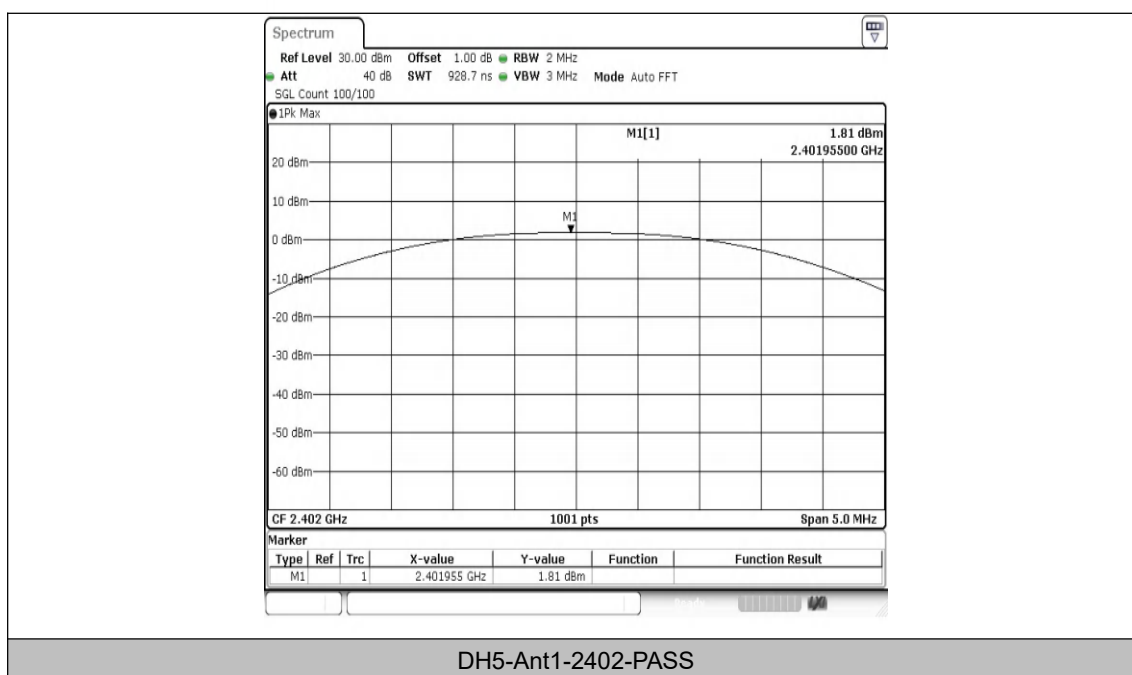
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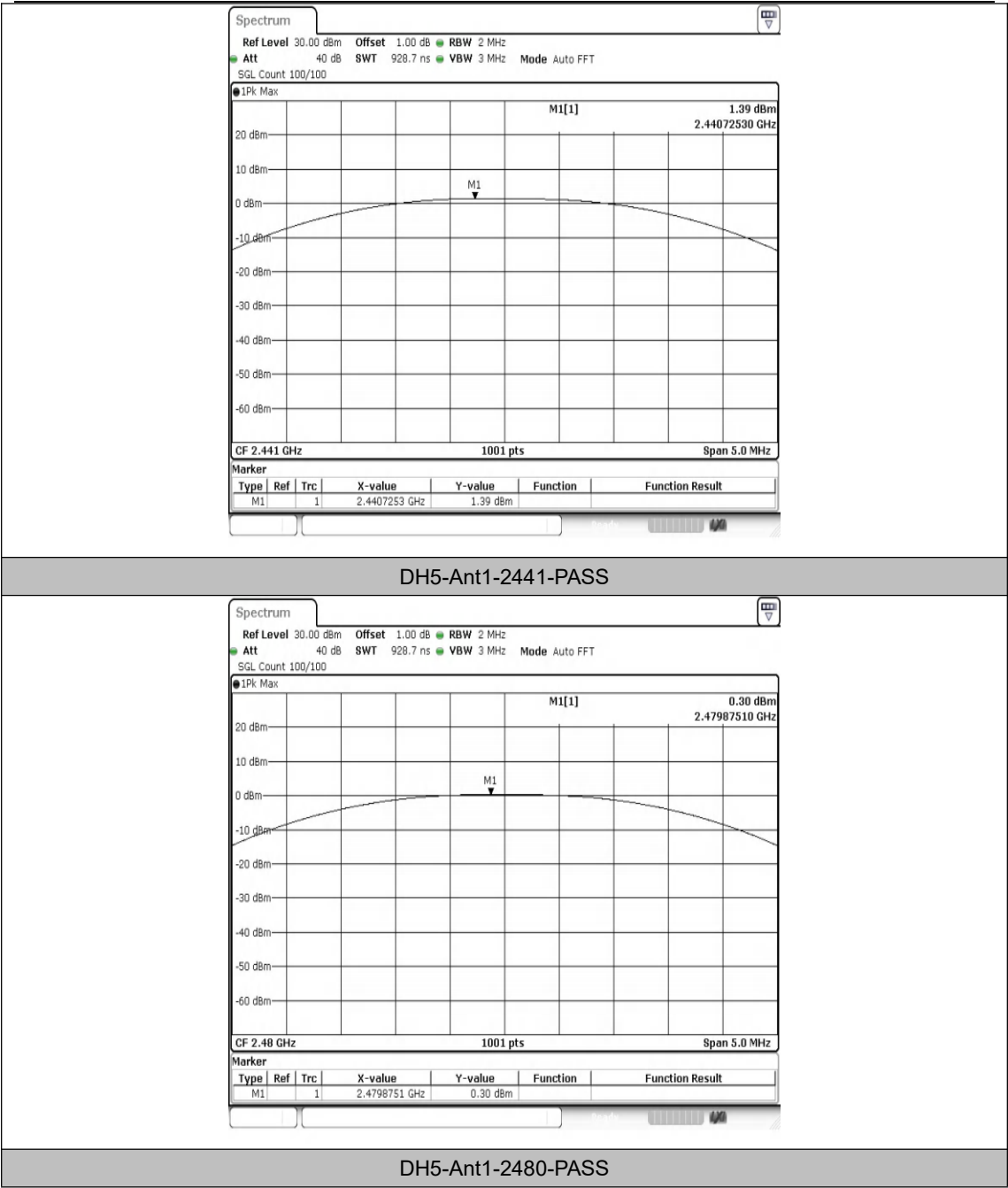
## Appendix C: Maximum Conducted Output Power

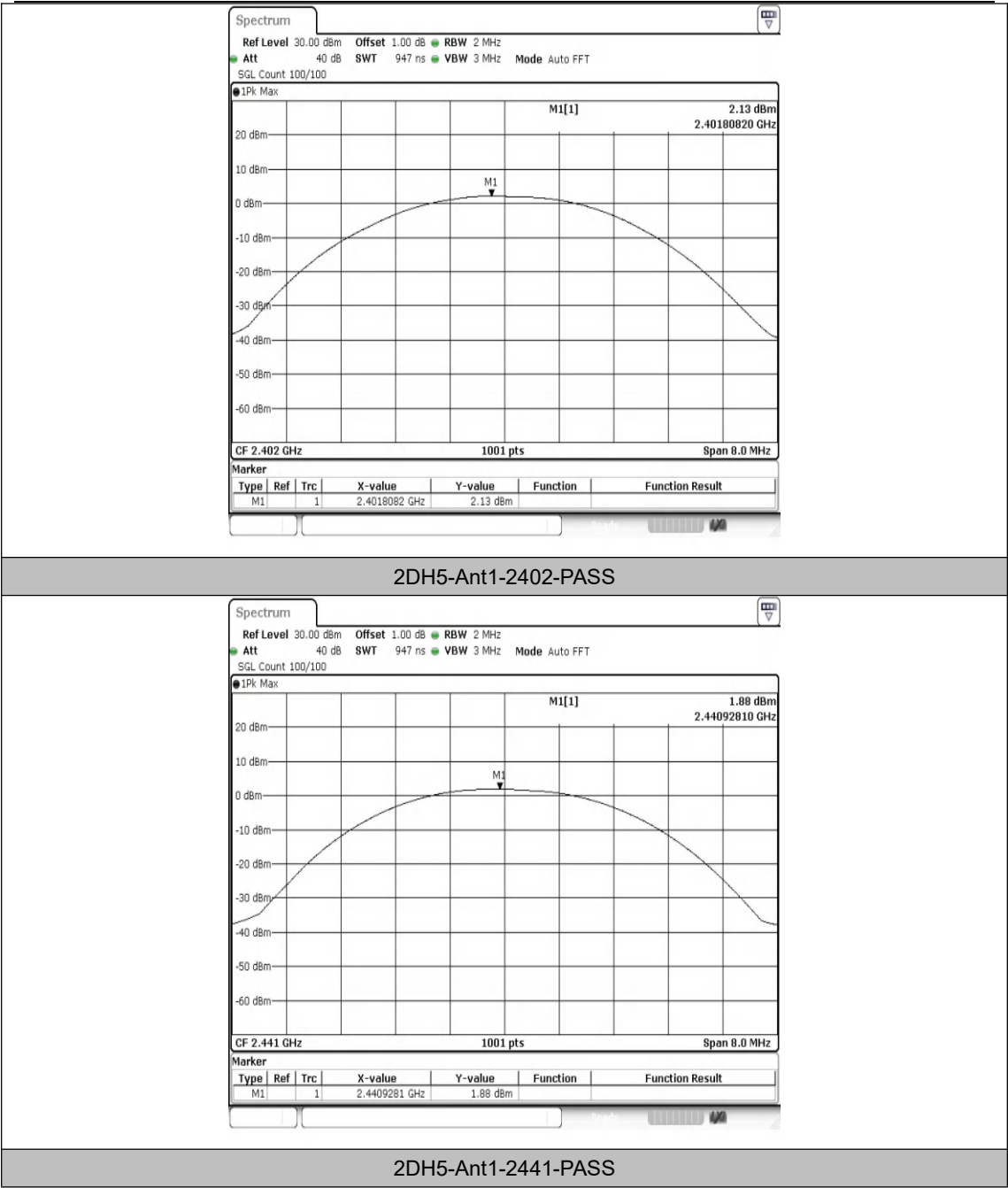
### Test Result Peak

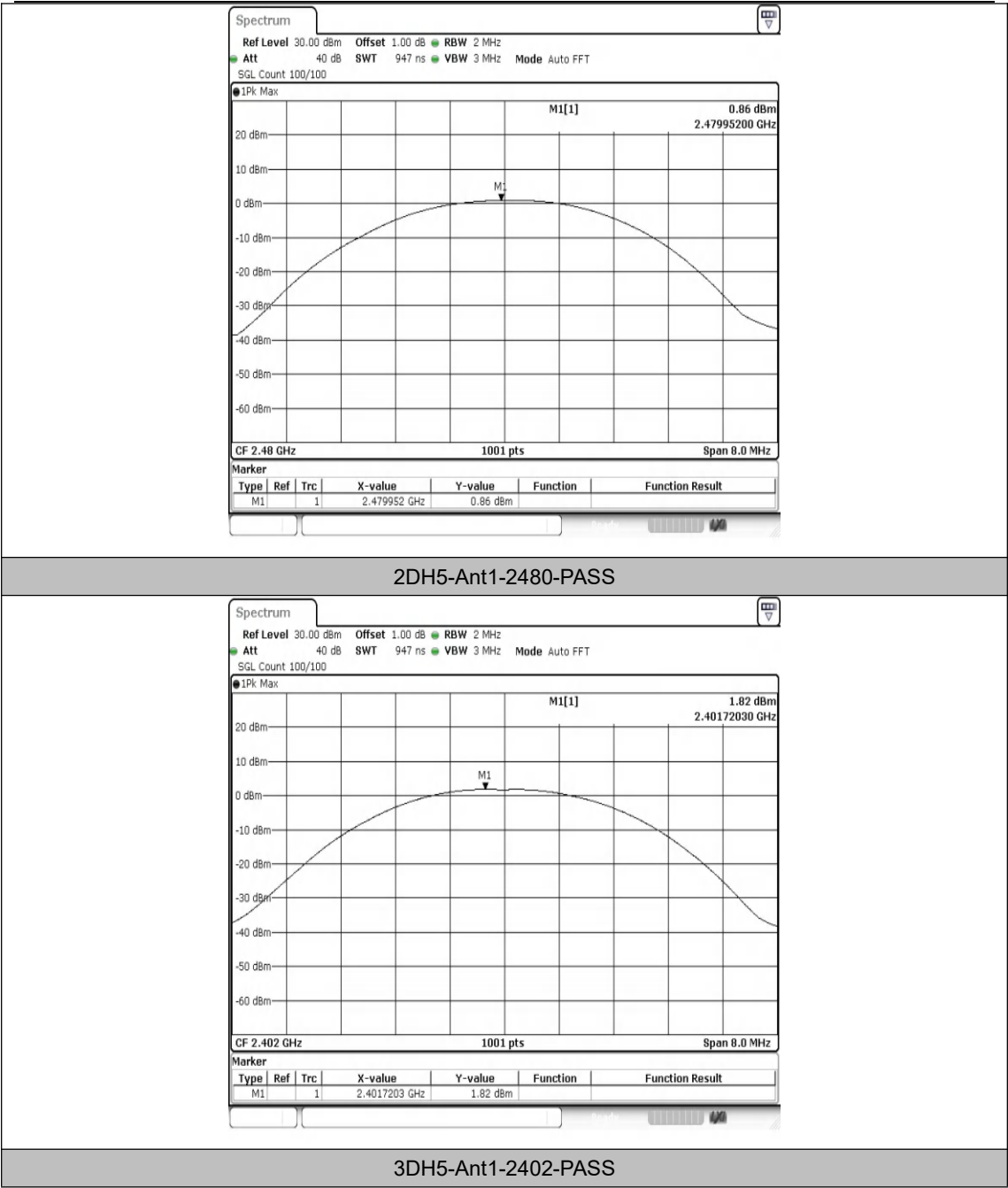
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	1.81	≤20.97	PASS
DH5	Ant1	2441	1.39	≤20.97	PASS
DH5	Ant1	2480	0.30	≤20.97	PASS
2DH5	Ant1	2402	2.13	≤20.97	PASS
2DH5	Ant1	2441	1.88	≤20.97	PASS
2DH5	Ant1	2480	0.86	≤20.97	PASS
3DH5	Ant1	2402	1.82	≤20.97	PASS
3DH5	Ant1	2441	1.75	≤20.97	PASS
3DH5	Ant1	2480	0.89	≤20.97	PASS

### Test Graphs







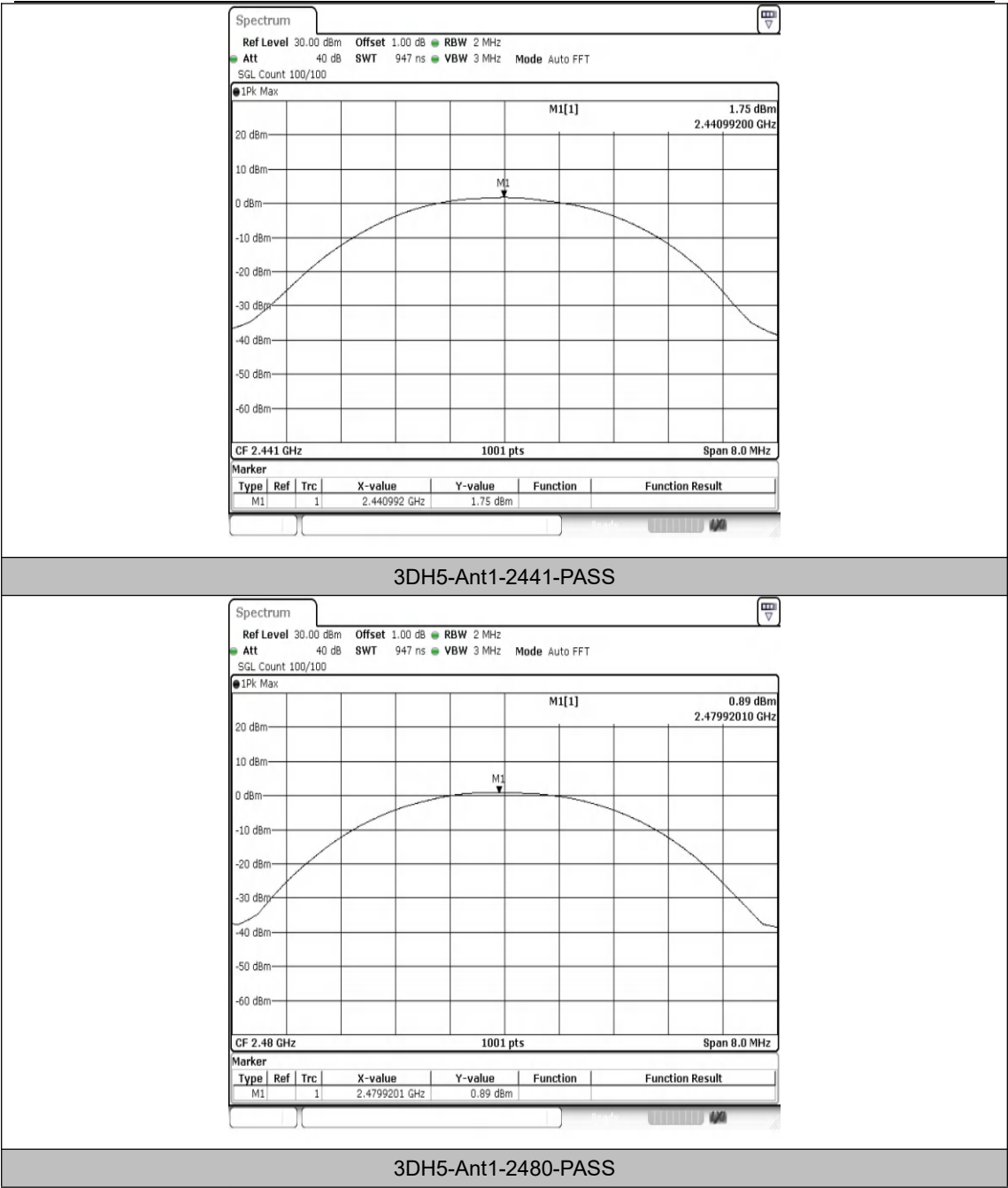


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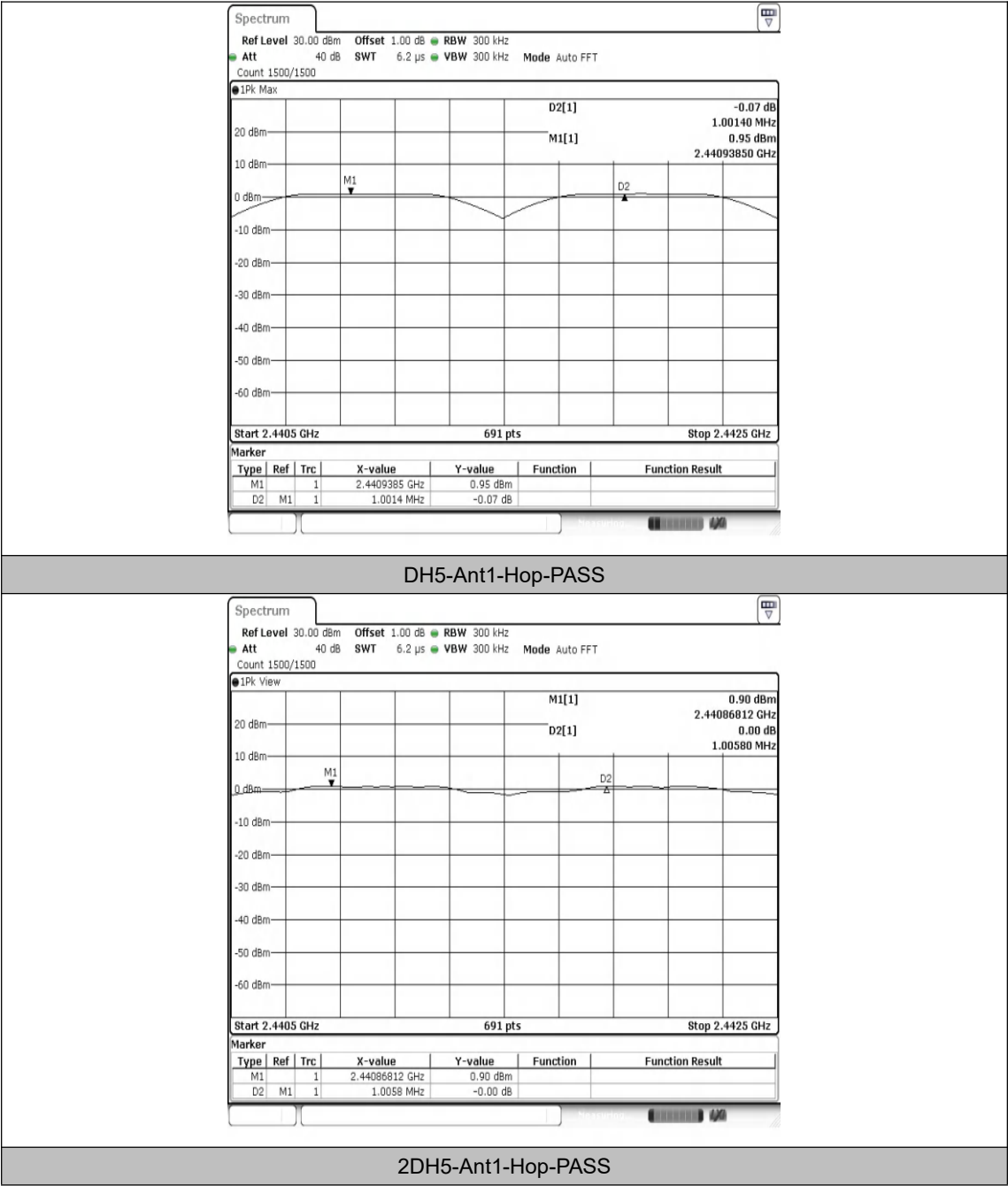
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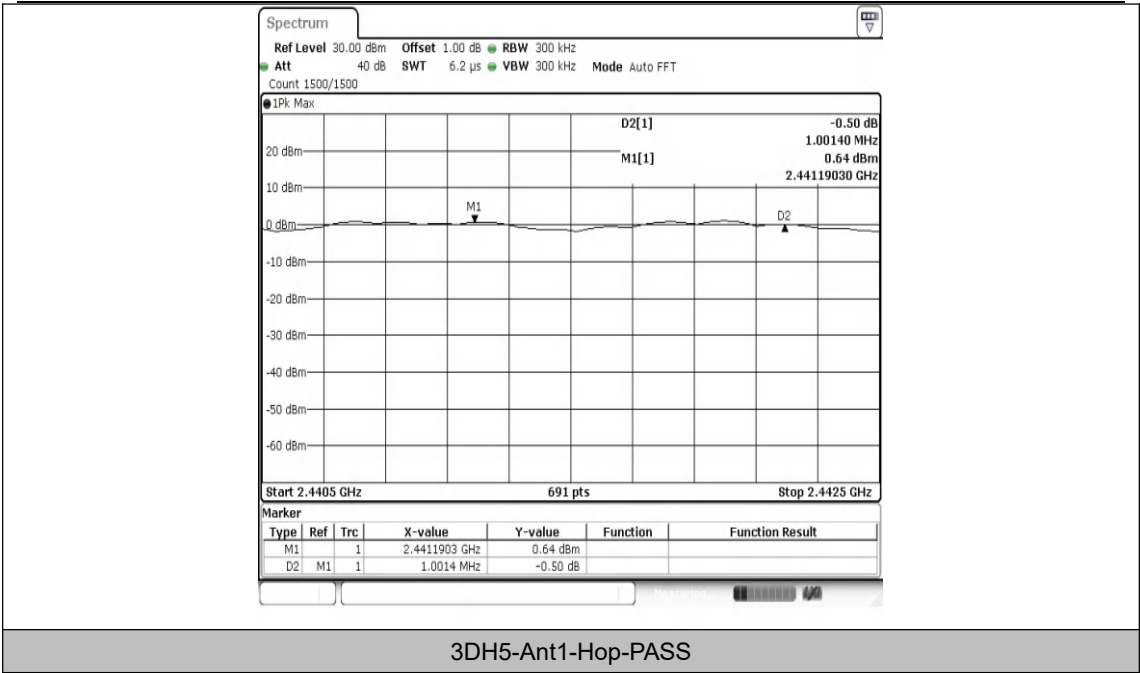
## Appendix D: Carrier frequency separation

### Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.001	$\geq 0.720$	PASS
2DH5	Ant1	Hop	1.006	$\geq 0.893$	PASS
3DH5	Ant1	Hop	1.001	$\geq 0.913$	PASS

Test Graphs





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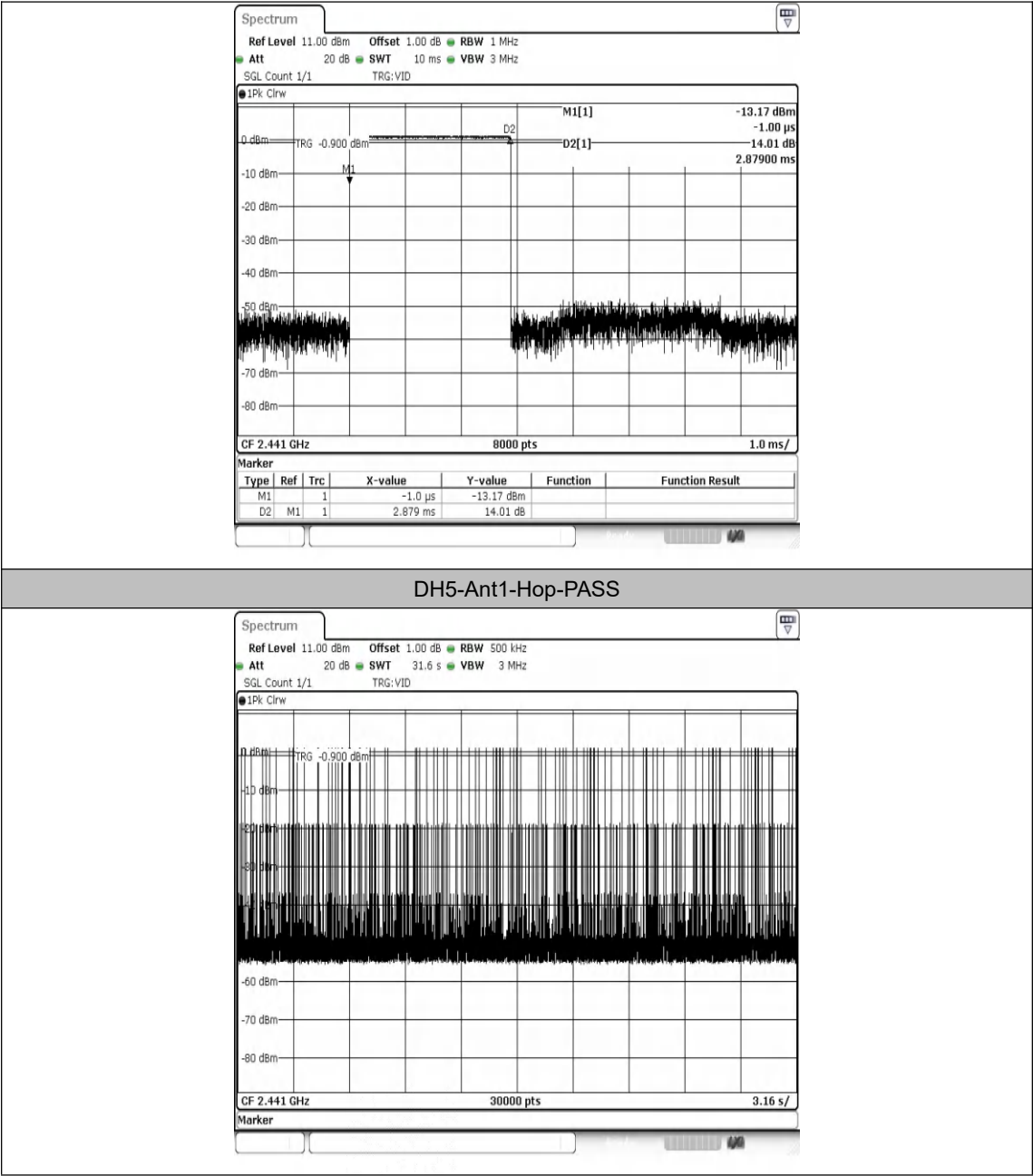
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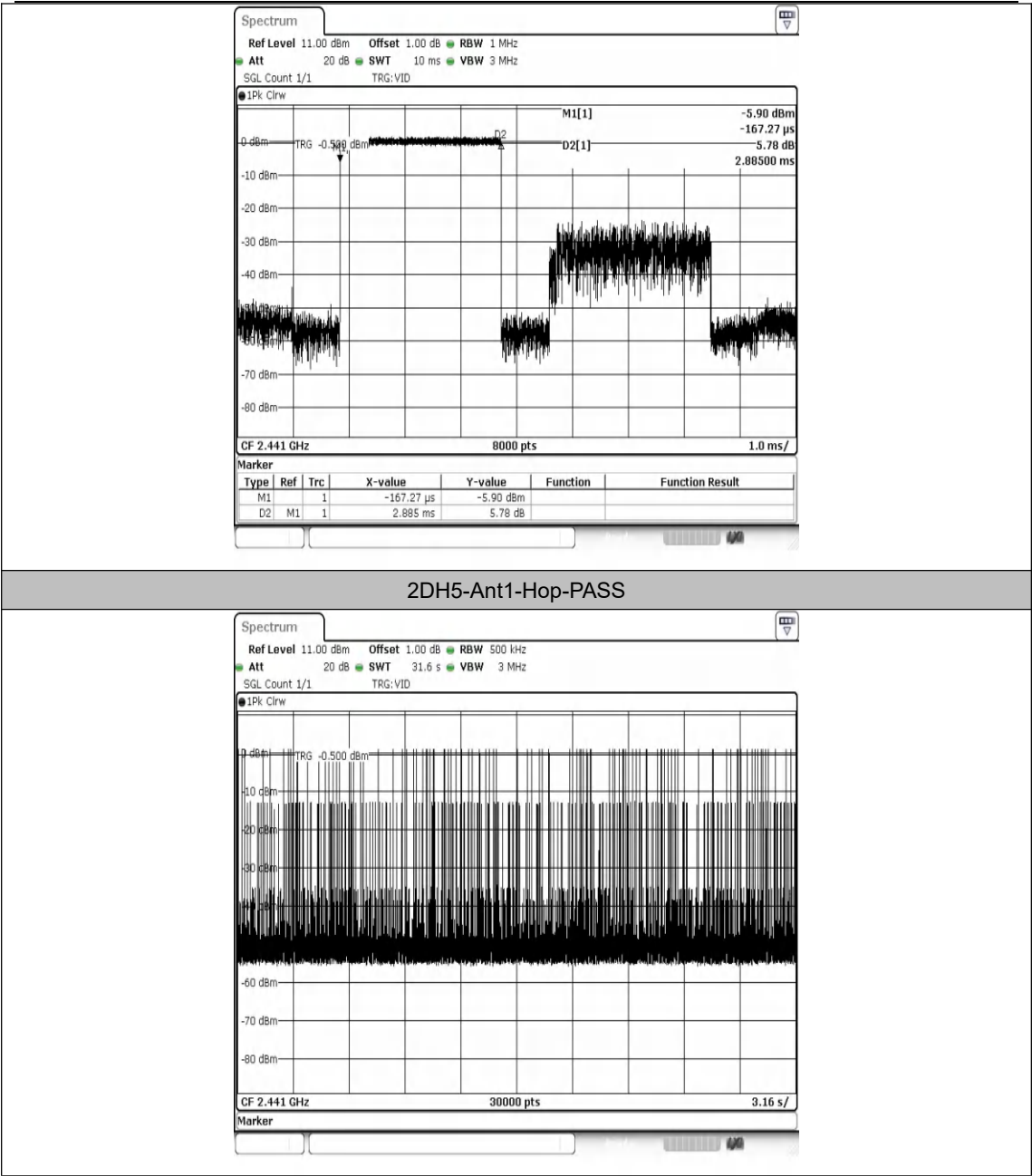
## Appendix E: Dwell Time

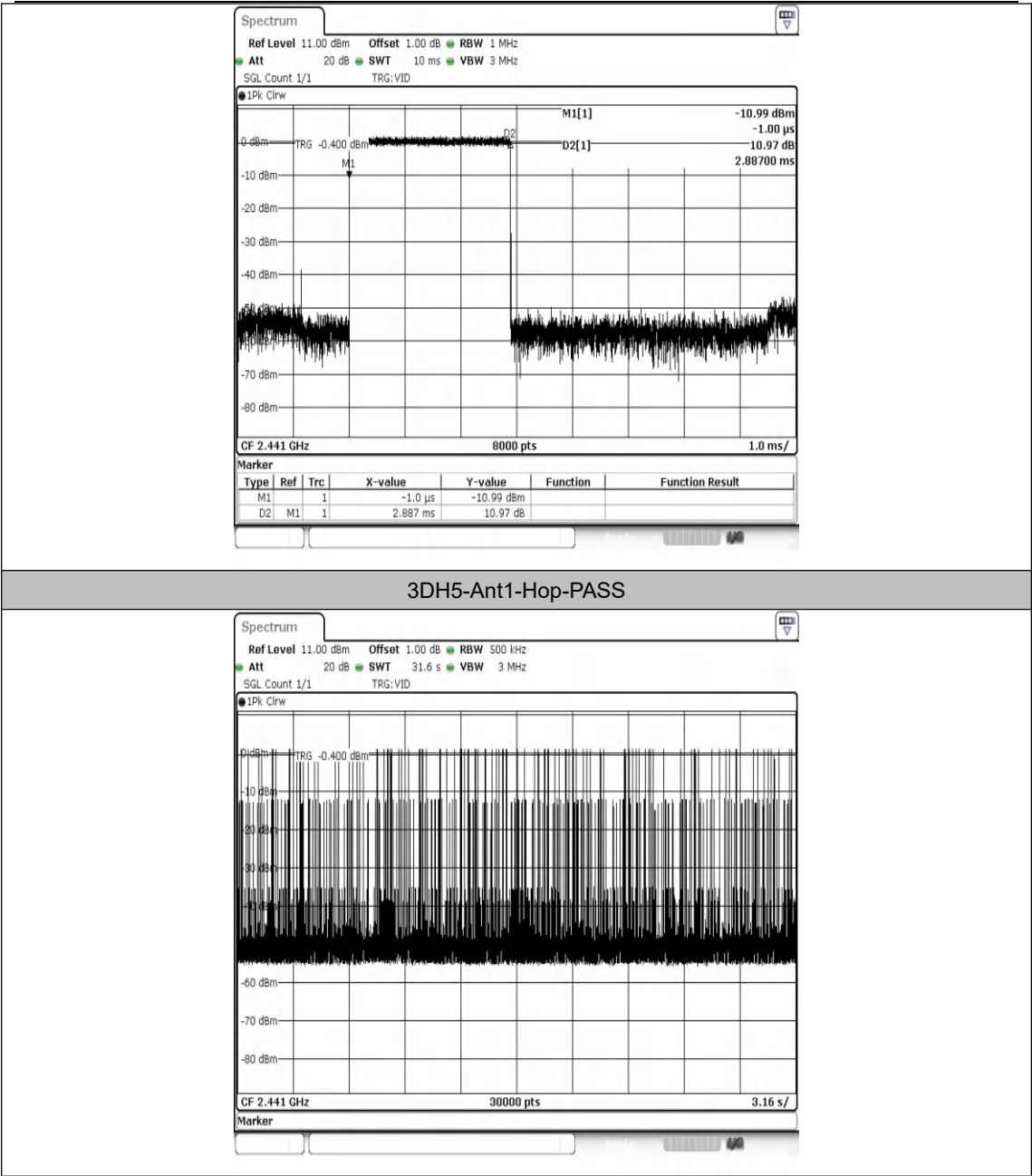
### Test Result

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	102	0.294	≤0.4	PASS
3DH5	Ant1	Hop	2.887	117	0.338	≤0.4	PASS

Test Graphs







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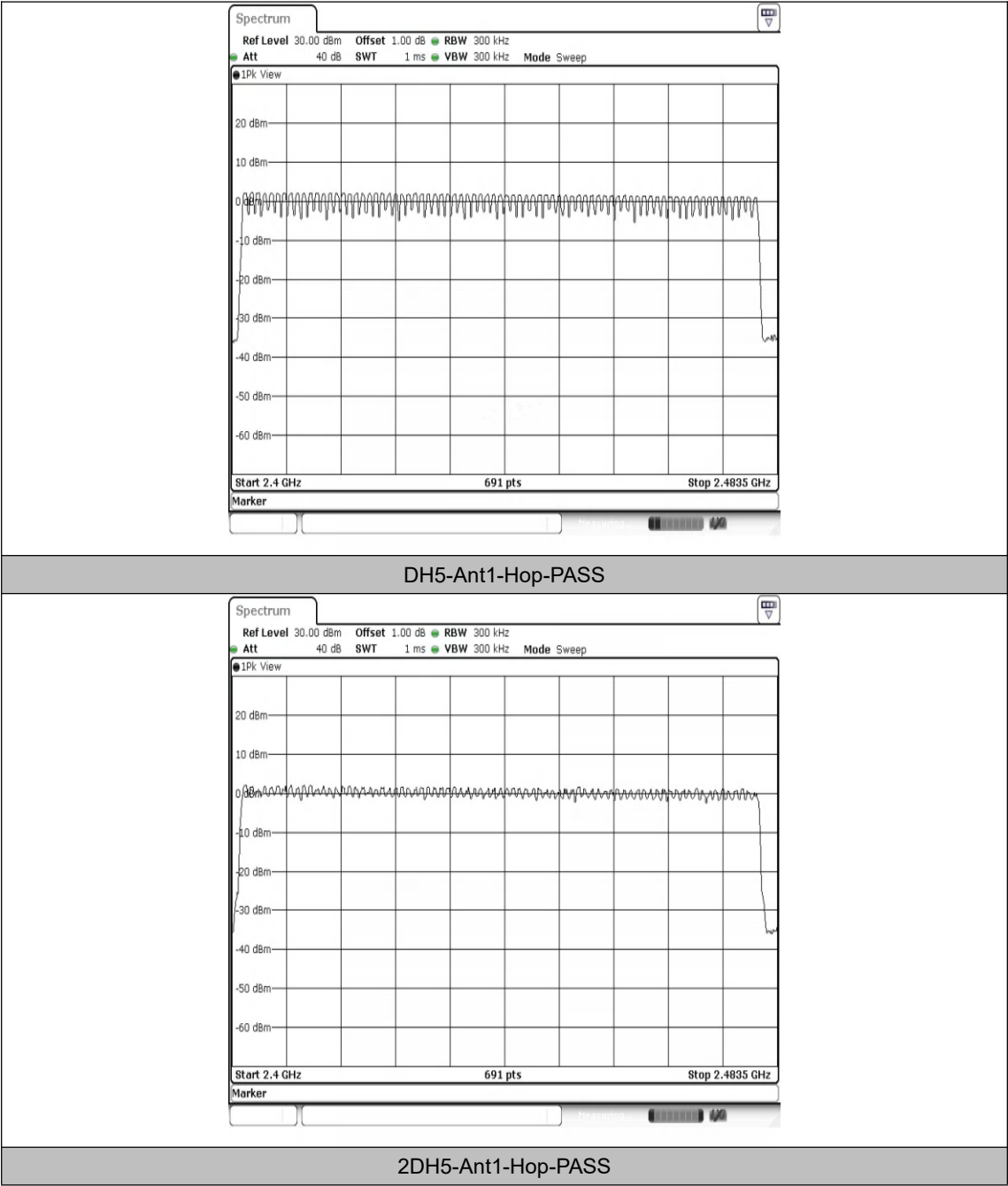
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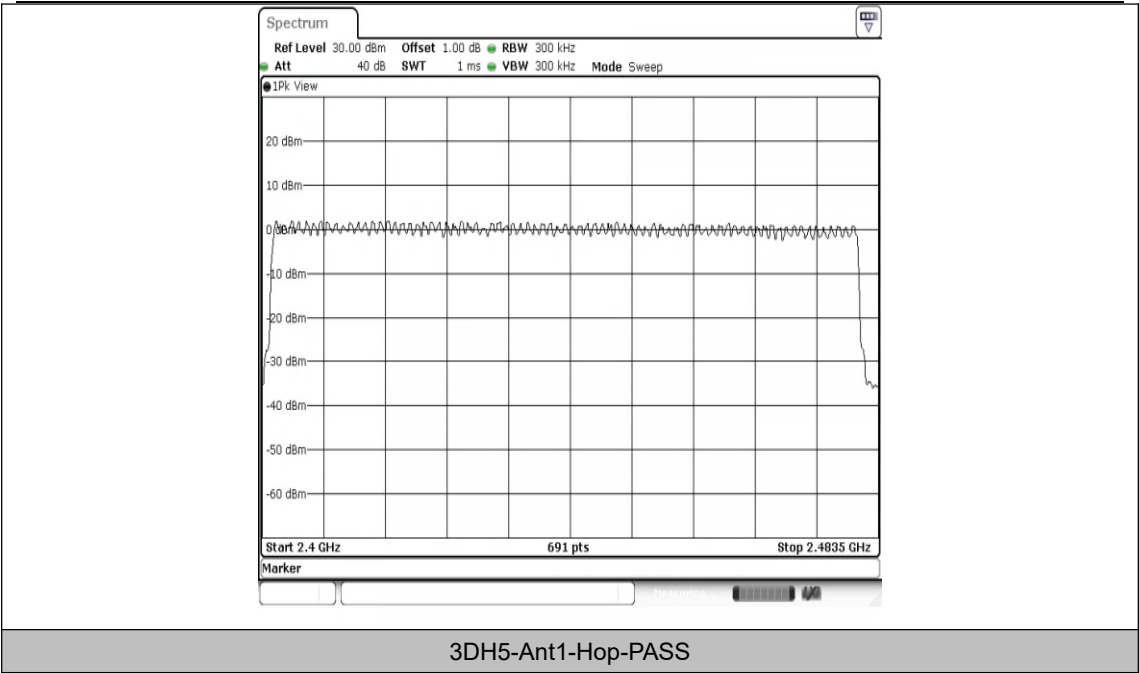
## Appendix F: Number of Hopping Channel

### 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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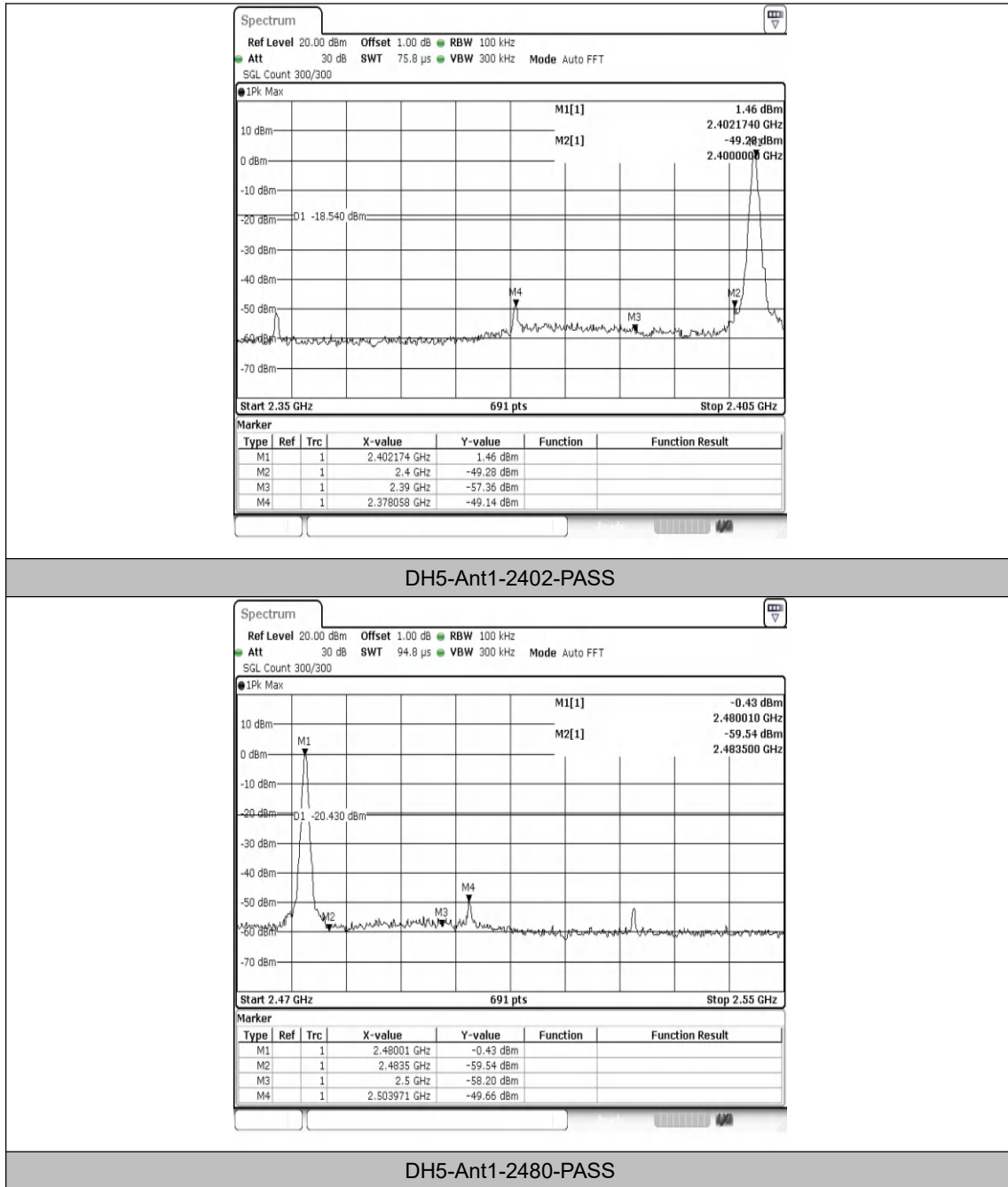
## Appendix G: Conducted Band edge

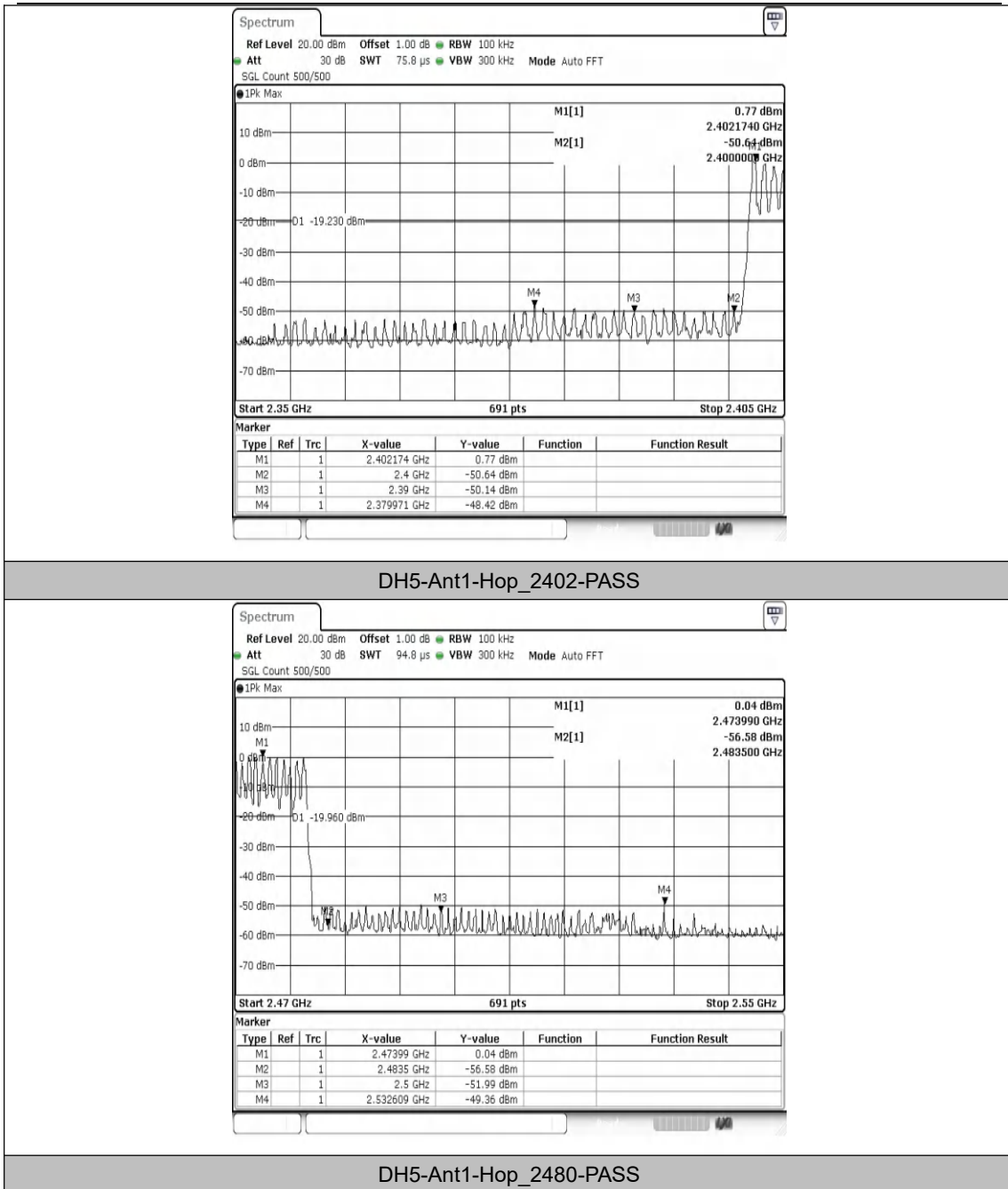
### Test Result

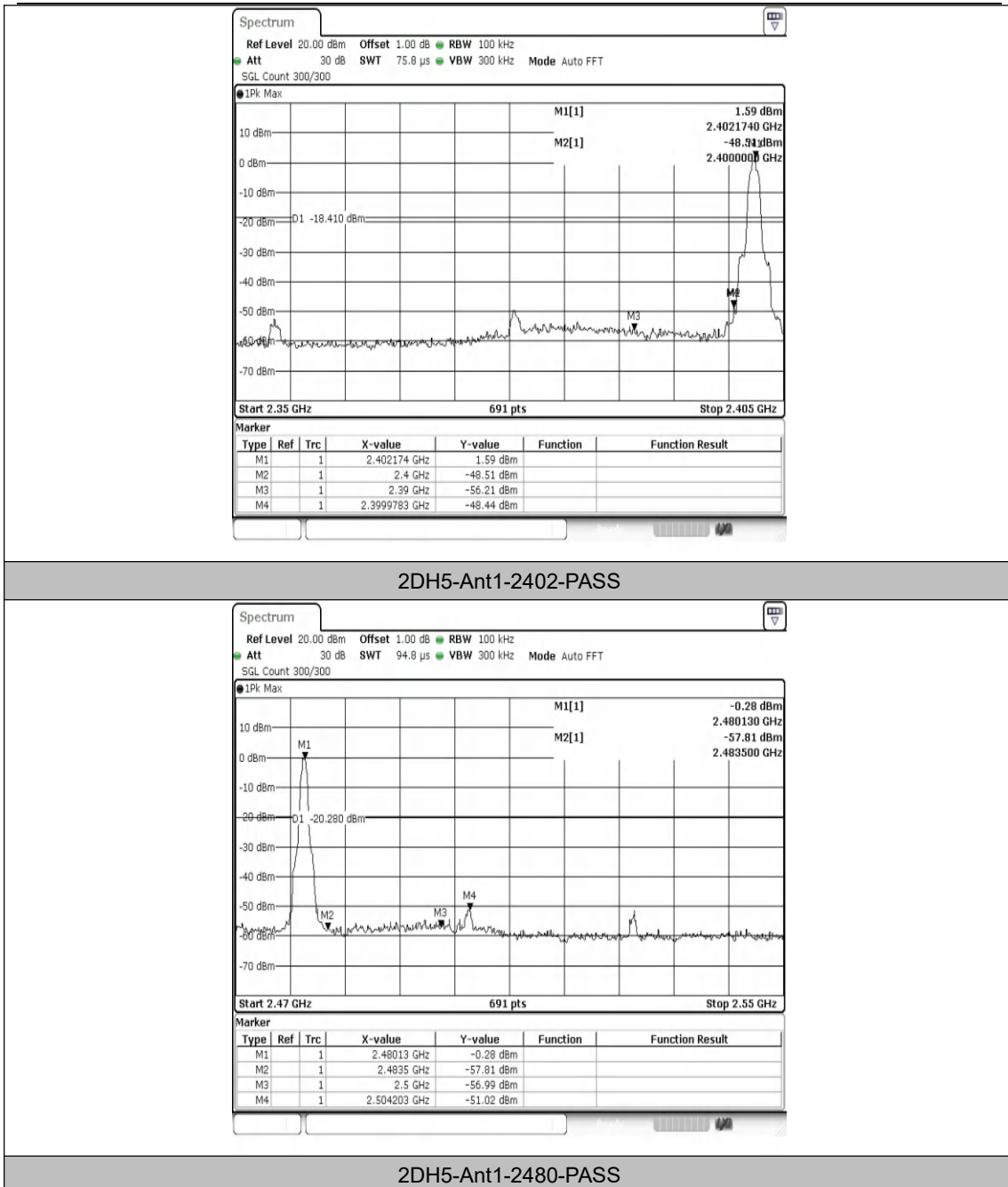
Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.46	-49.14	≤-18.54	PASS
DH5	Ant1	High	2480	-0.43	-49.66	≤-20.43	PASS
DH5	Ant1	Low	Hop_2402	0.77	-48.42	≤-19.23	PASS
DH5	Ant1	High	Hop_2480	0.04	-49.36	≤-19.96	PASS
2DH5	Ant1	Low	2402	1.59	-48.44	≤-18.41	PASS
2DH5	Ant1	High	2480	-0.28	-51.02	≤-20.28	PASS
2DH5	Ant1	Low	Hop_2402	1.24	-51.32	≤-18.76	PASS
2DH5	Ant1	High	Hop_2480	-0.54	-50.27	≤-20.54	PASS
3DH5	Ant1	Low	2402	1.21	-50.13	≤-18.79	PASS
3DH5	Ant1	High	2480	0.01	-50.46	≤-19.99	PASS
3DH5	Ant1	Low	Hop_2402	-2.48	-48.19	≤-22.48	PASS
3DH5	Ant1	High	Hop_2480	0.00	-51.22	≤-20	PASS

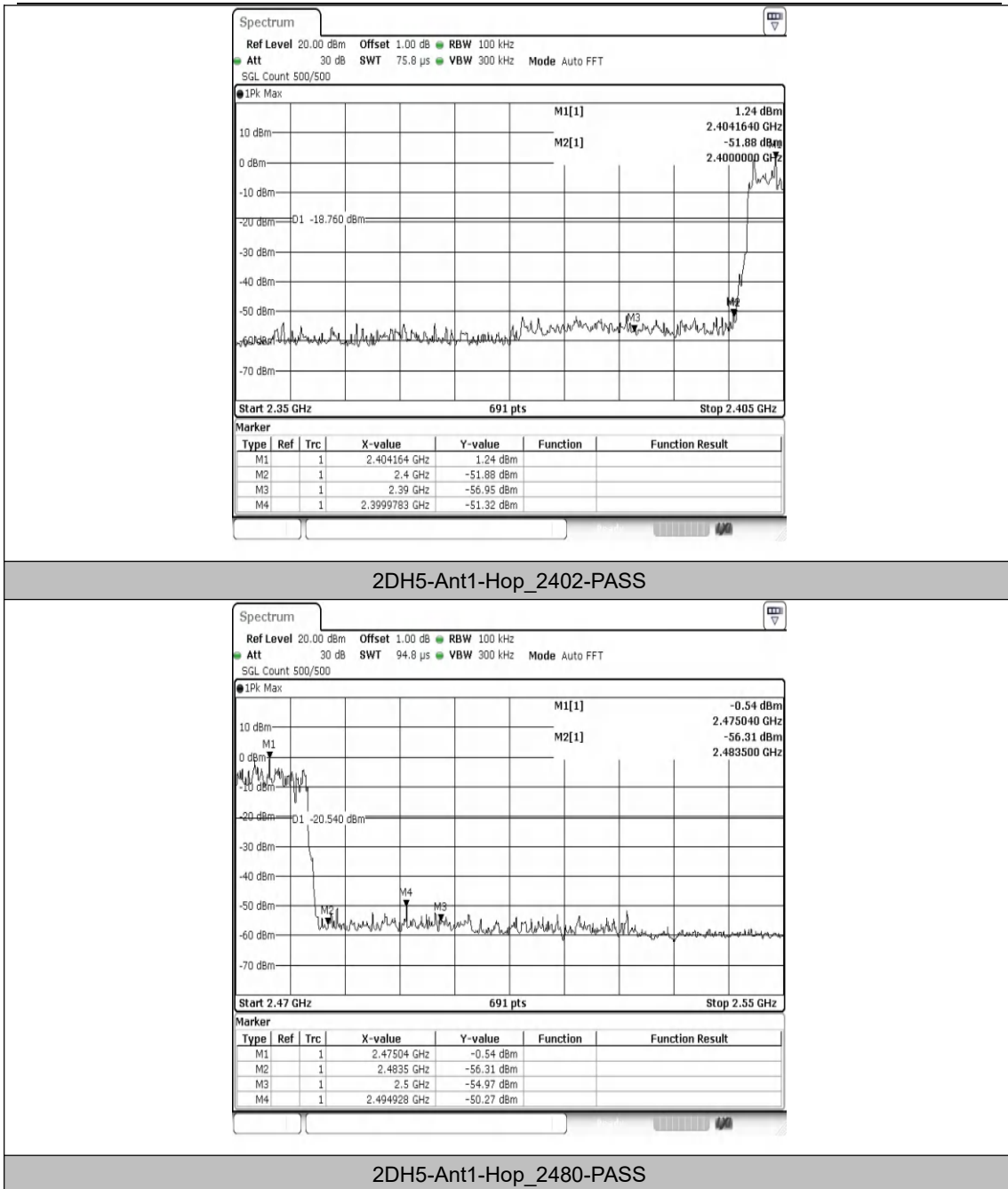
Remark:1. Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'offset' of the Spectrum Analyzer during the test.

## Test Graphs







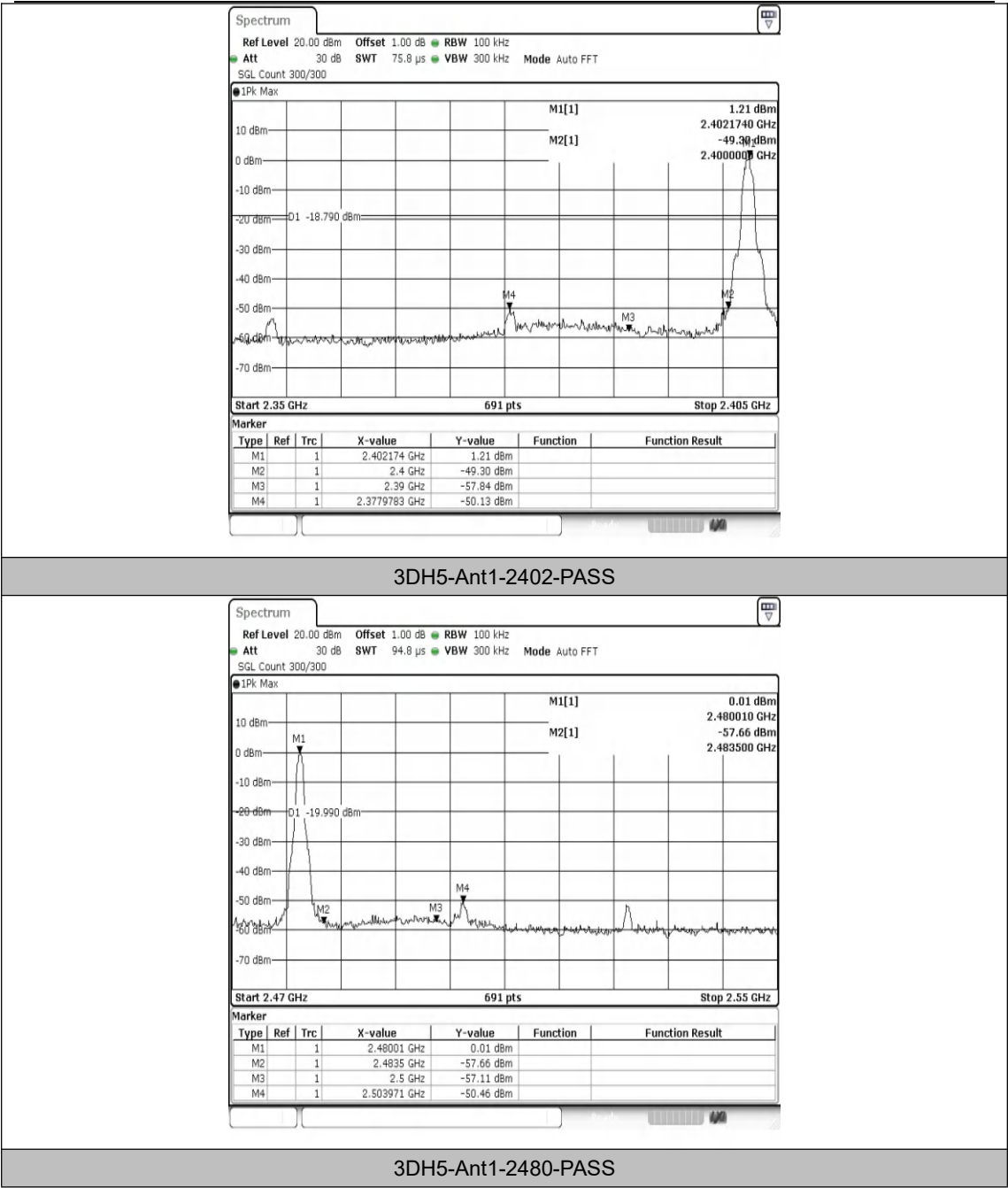


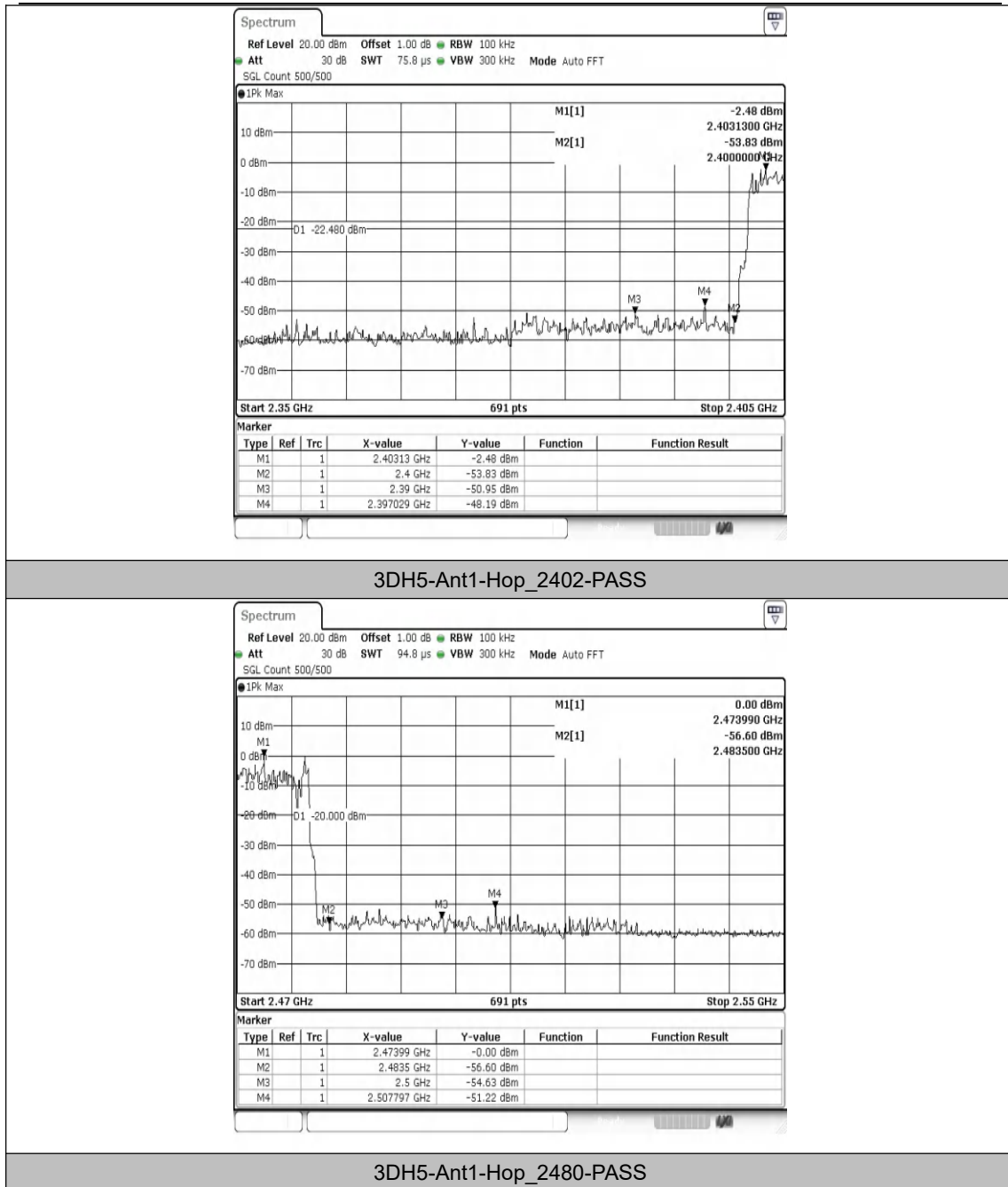
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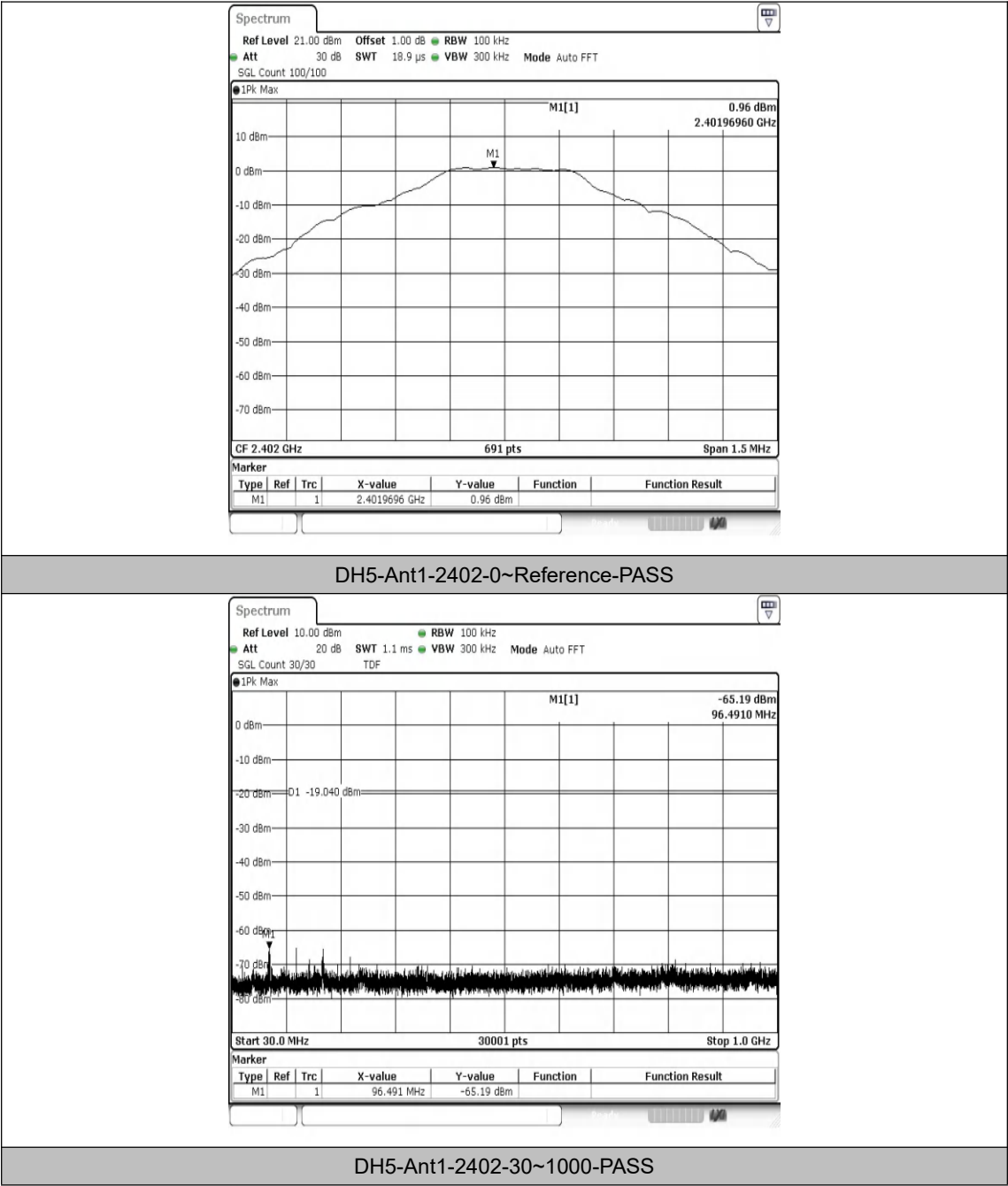
## Appendix H: Conducted Spurious Emission

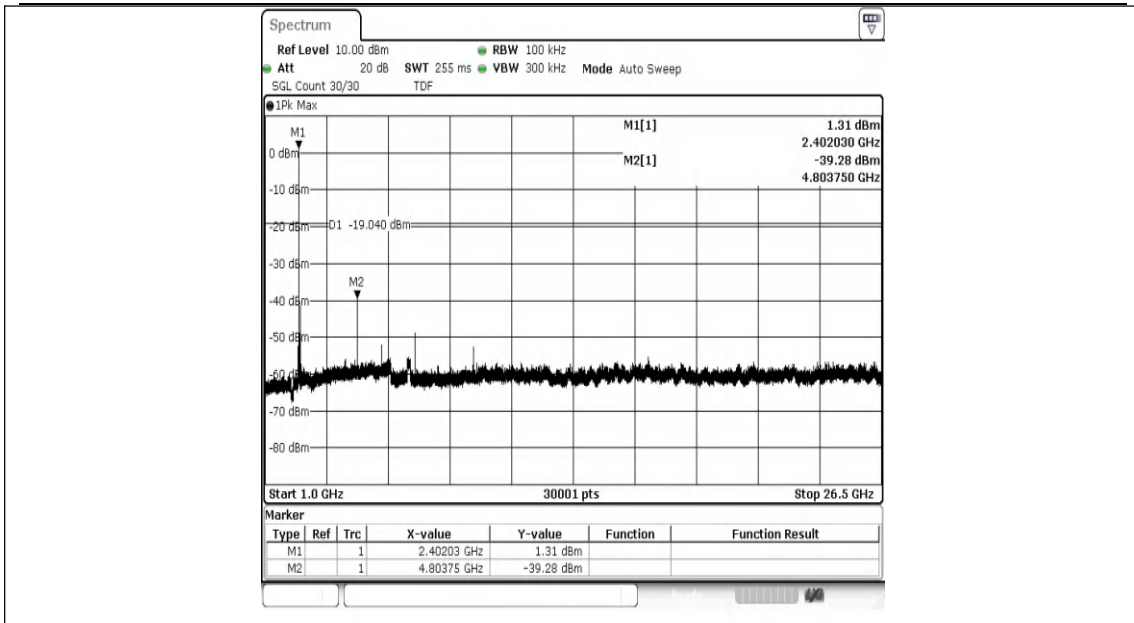
### Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	0.96	0.96	---	PASS
DH5	Ant1	2402	30~1000	0.96	-65.19	≤-19.04	PASS
DH5	Ant1	2402	1000~26500	0.96	-39.28	≤-19.04	PASS
DH5	Ant1	2441	0~Reference	0.70	0.70	---	PASS
DH5	Ant1	2441	30~1000	0.70	-63.24	≤-19.3	PASS
DH5	Ant1	2441	1000~26500	0.70	-39.71	≤-19.3	PASS
DH5	Ant1	2480	0~Reference	-0.45	-0.45	---	PASS
DH5	Ant1	2480	30~1000	-0.45	-61.84	≤-20.45	PASS
DH5	Ant1	2480	1000~26500	-0.45	-37.41	≤-20.45	PASS
2DH5	Ant1	2402	0~Reference	1.14	1.14	---	PASS
2DH5	Ant1	2402	30~1000	1.14	-65.03	≤-18.86	PASS
2DH5	Ant1	2402	1000~26500	1.14	-42.88	≤-18.86	PASS
2DH5	Ant1	2441	0~Reference	-0.36	-0.36	---	PASS
2DH5	Ant1	2441	30~1000	-0.36	-64.92	≤-20.36	PASS
2DH5	Ant1	2441	1000~26500	-0.36	-40.56	≤-20.36	PASS
2DH5	Ant1	2480	0~Reference	-1.05	-1.05	---	PASS
2DH5	Ant1	2480	30~1000	-1.05	-64.54	≤-21.05	PASS
2DH5	Ant1	2480	1000~26500	-1.05	-40.21	≤-21.05	PASS
3DH5	Ant1	2402	0~Reference	1.34	1.34	---	PASS
3DH5	Ant1	2402	30~1000	1.34	-64.29	≤-18.66	PASS
3DH5	Ant1	2402	1000~26500	1.34	-41.11	≤-18.66	PASS
3DH5	Ant1	2441	0~Reference	0.23	0.23	---	PASS
3DH5	Ant1	2441	30~1000	0.23	-58.47	≤-19.77	PASS
3DH5	Ant1	2441	1000~26500	0.23	-38.03	≤-19.77	PASS
3DH5	Ant1	2480	0~Reference	-2.14	-2.14	---	PASS
3DH5	Ant1	2480	30~1000	-2.14	-65.11	≤-22.14	PASS
3DH5	Ant1	2480	1000~26500	-2.14	-39.71	≤-22.14	PASS

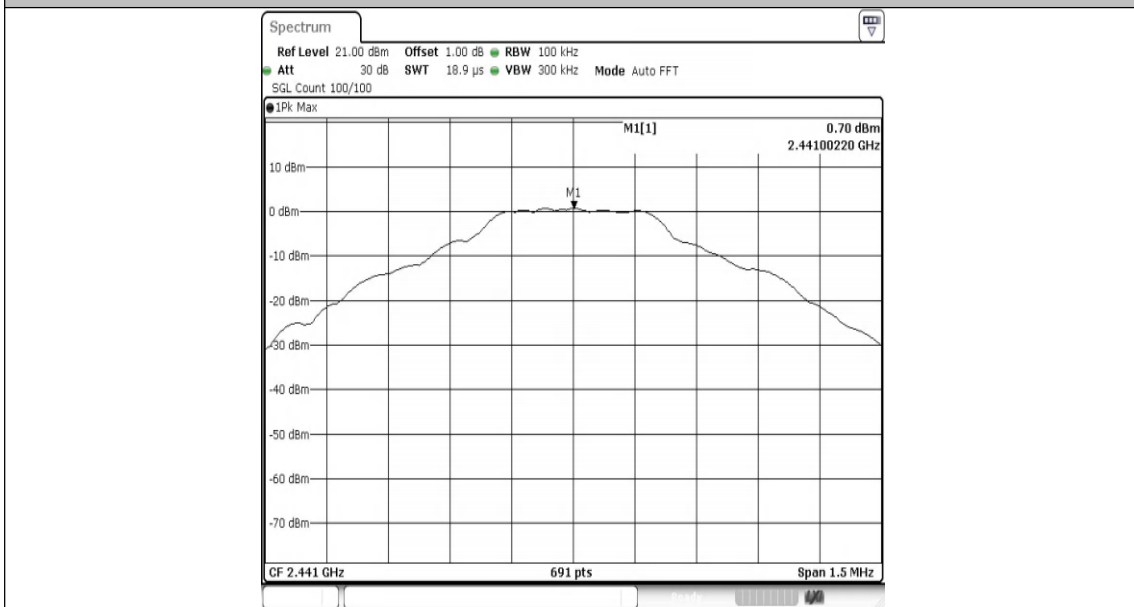
Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'TDF' of the Spectrum Analyzer during the test.

Test Graphs

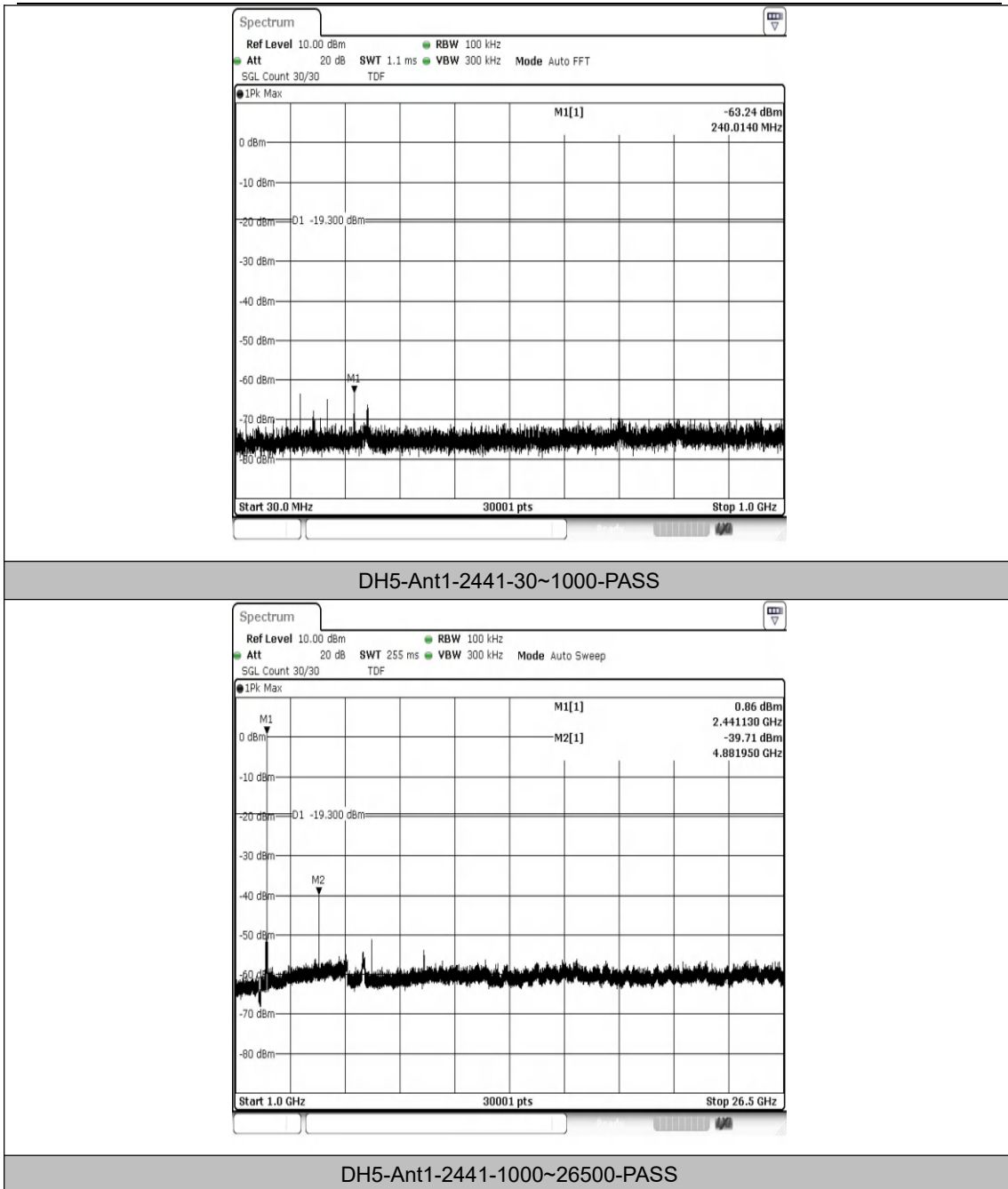




DH5-Ant1-2402-1000~26500-PASS



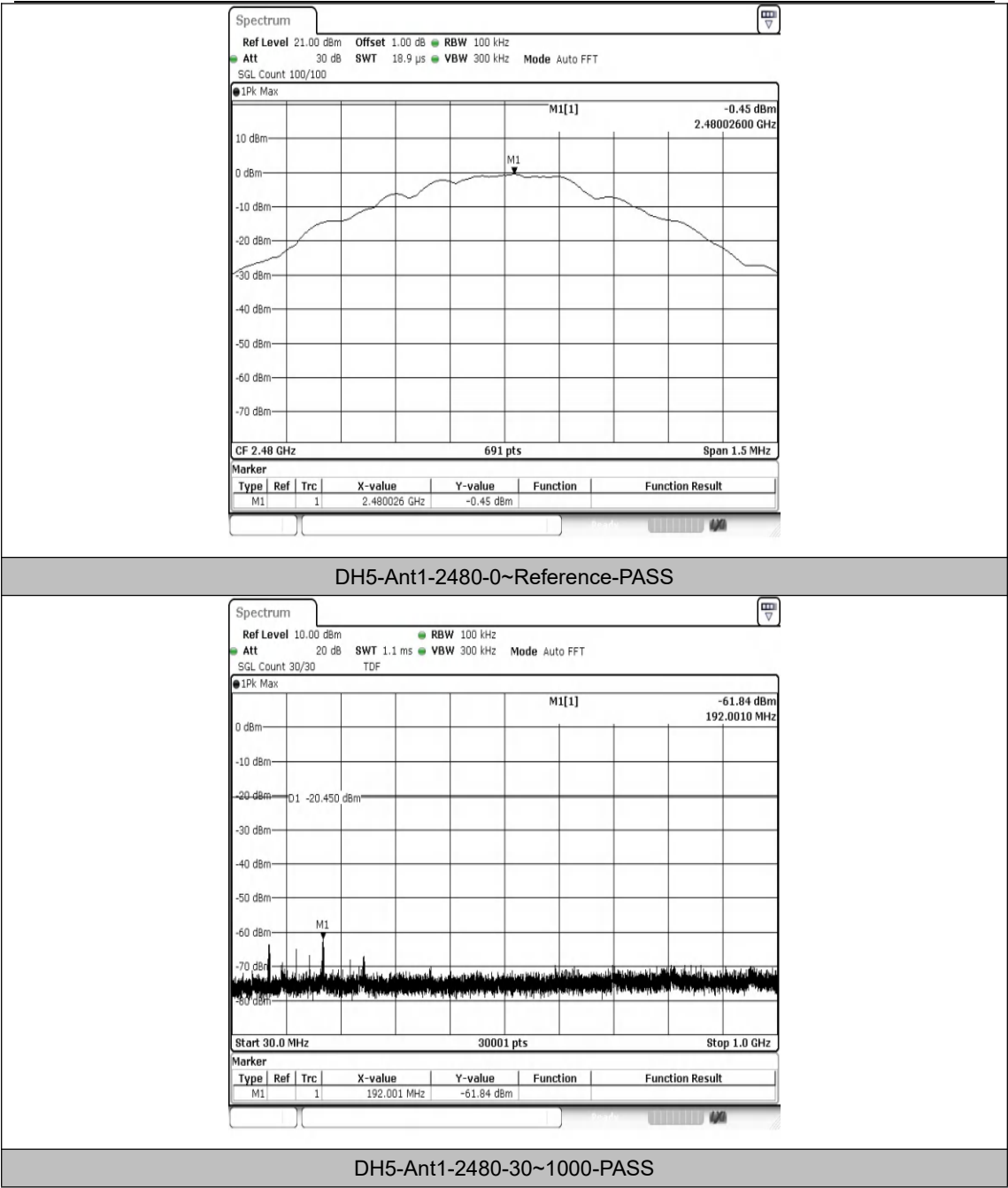
DH5-Ant1-2441-0~Reference-PASS



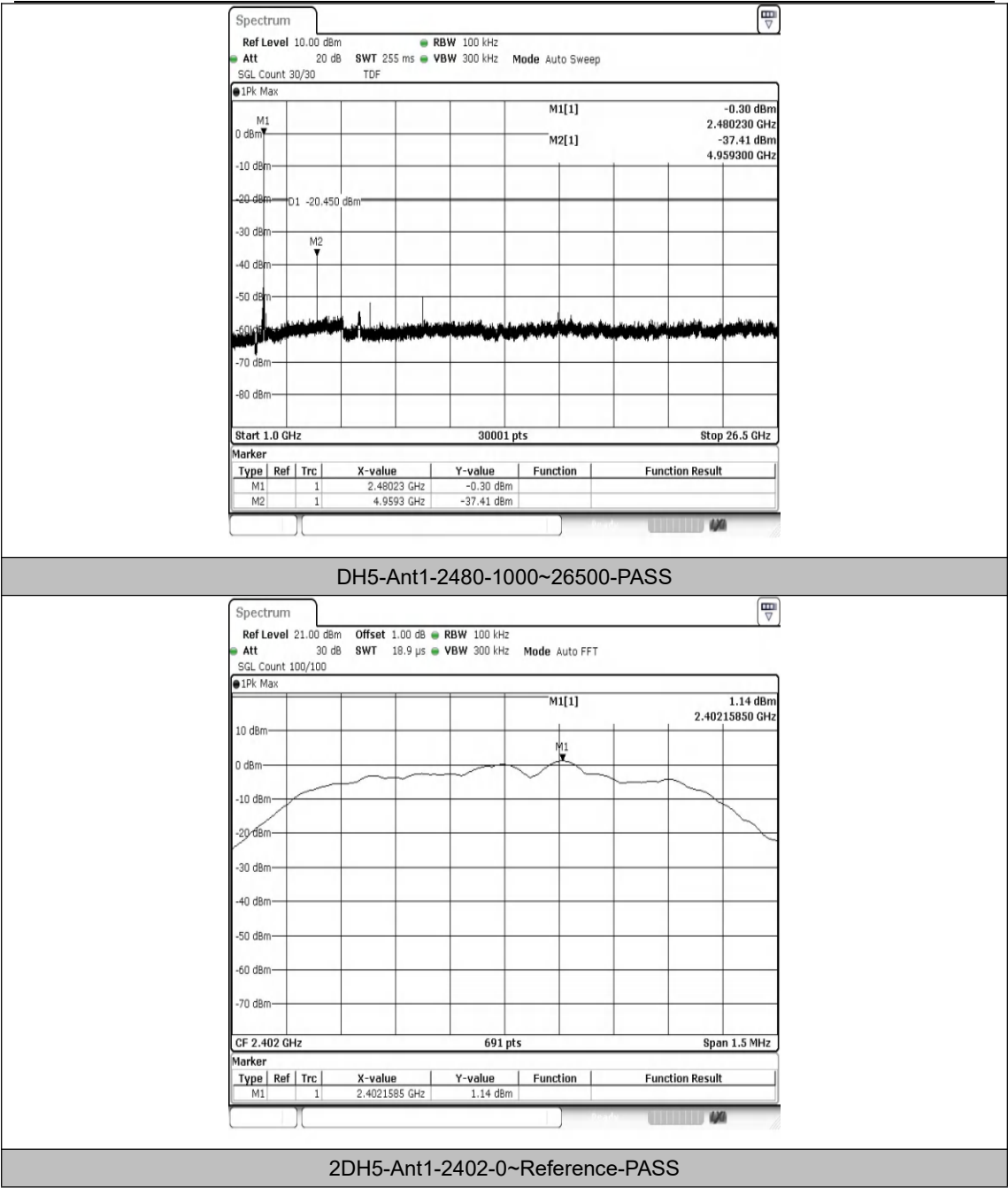
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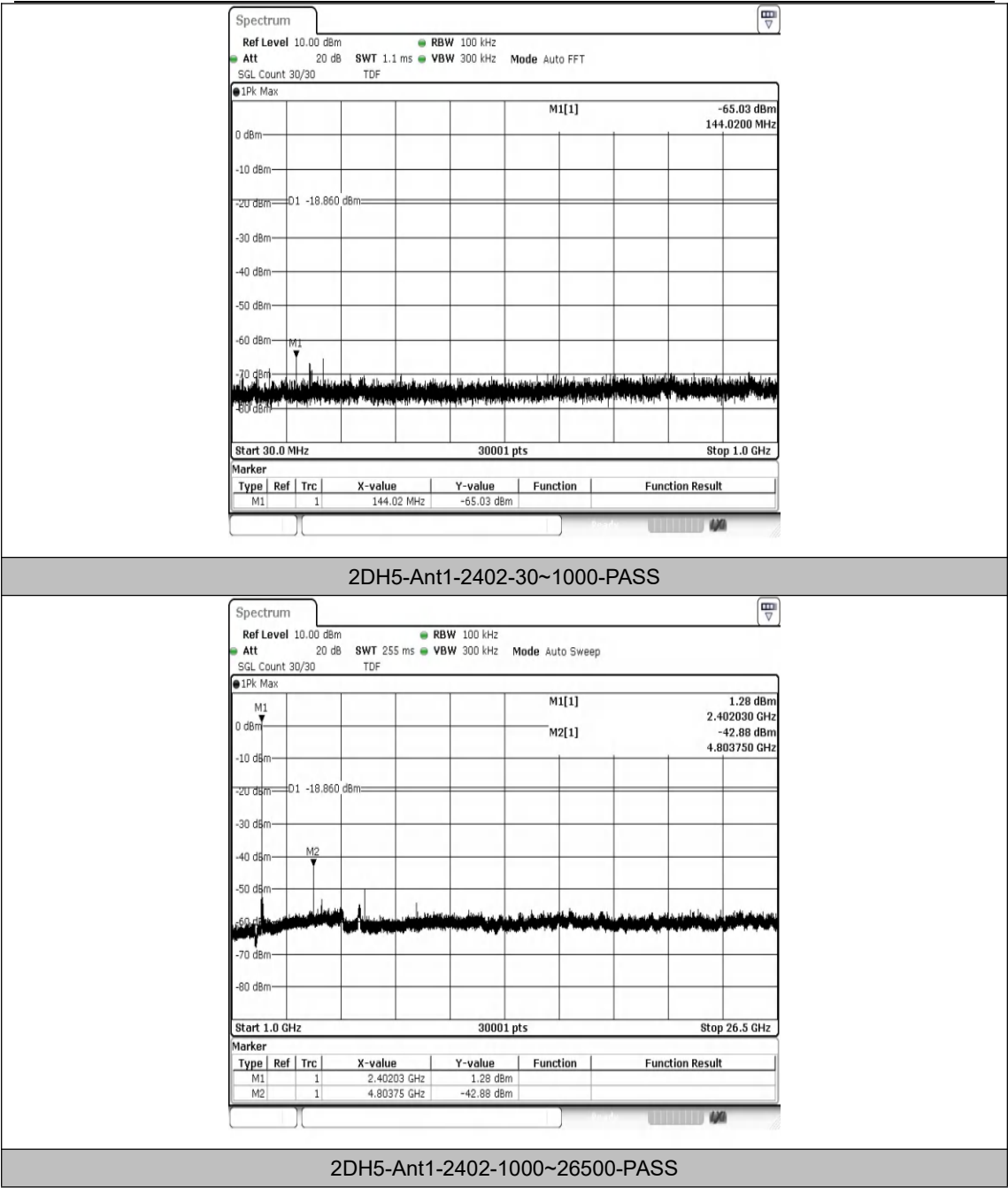
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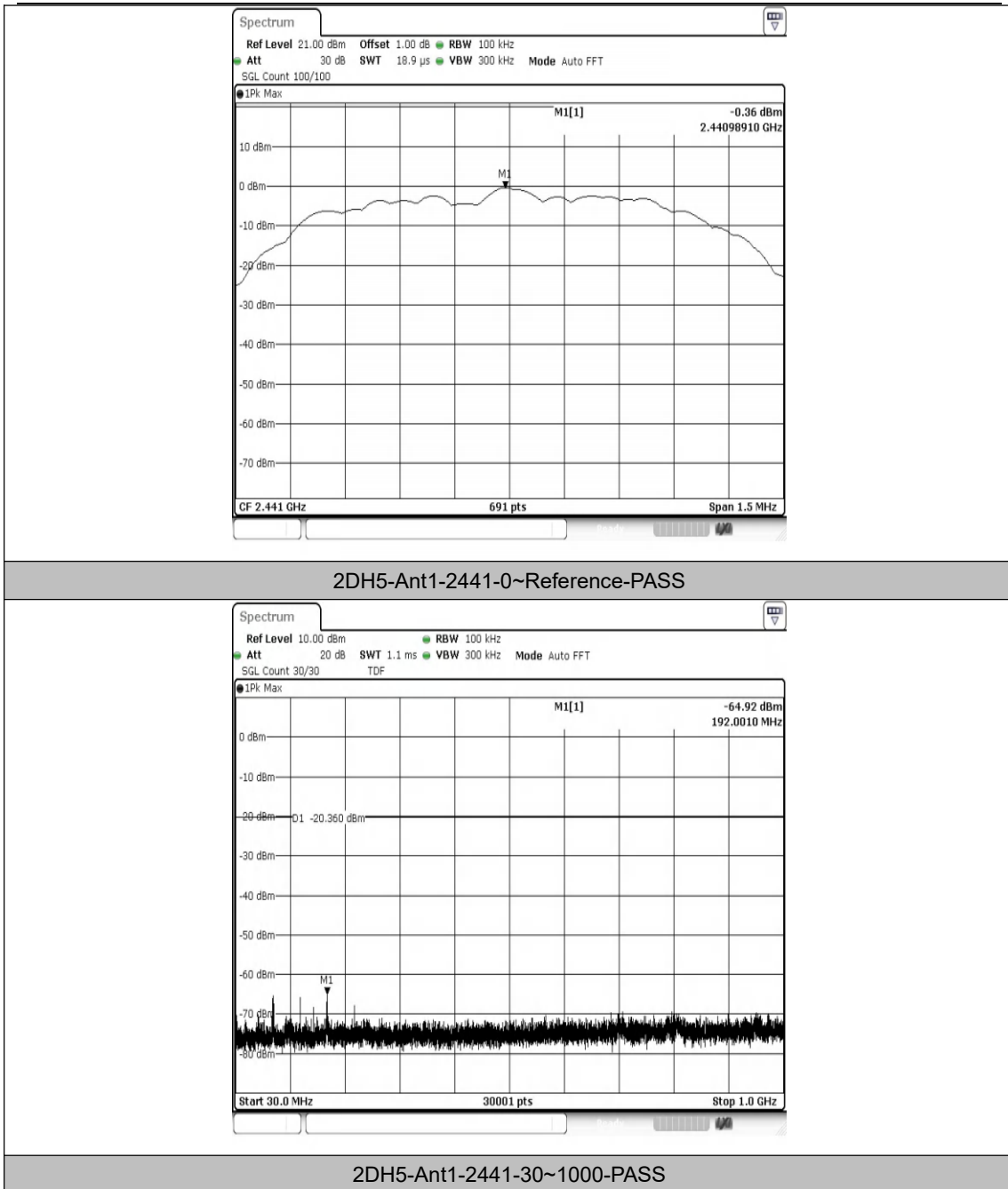








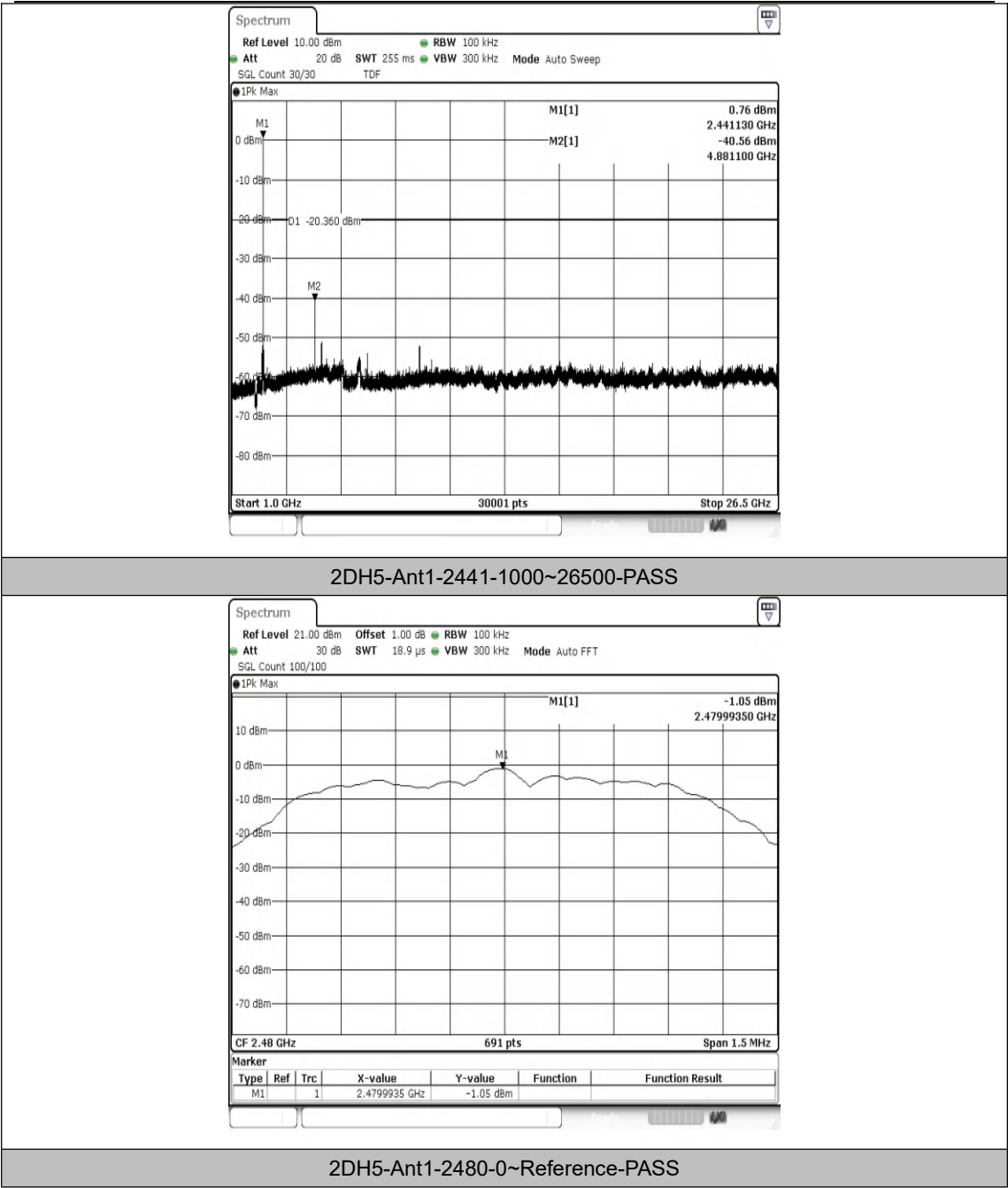


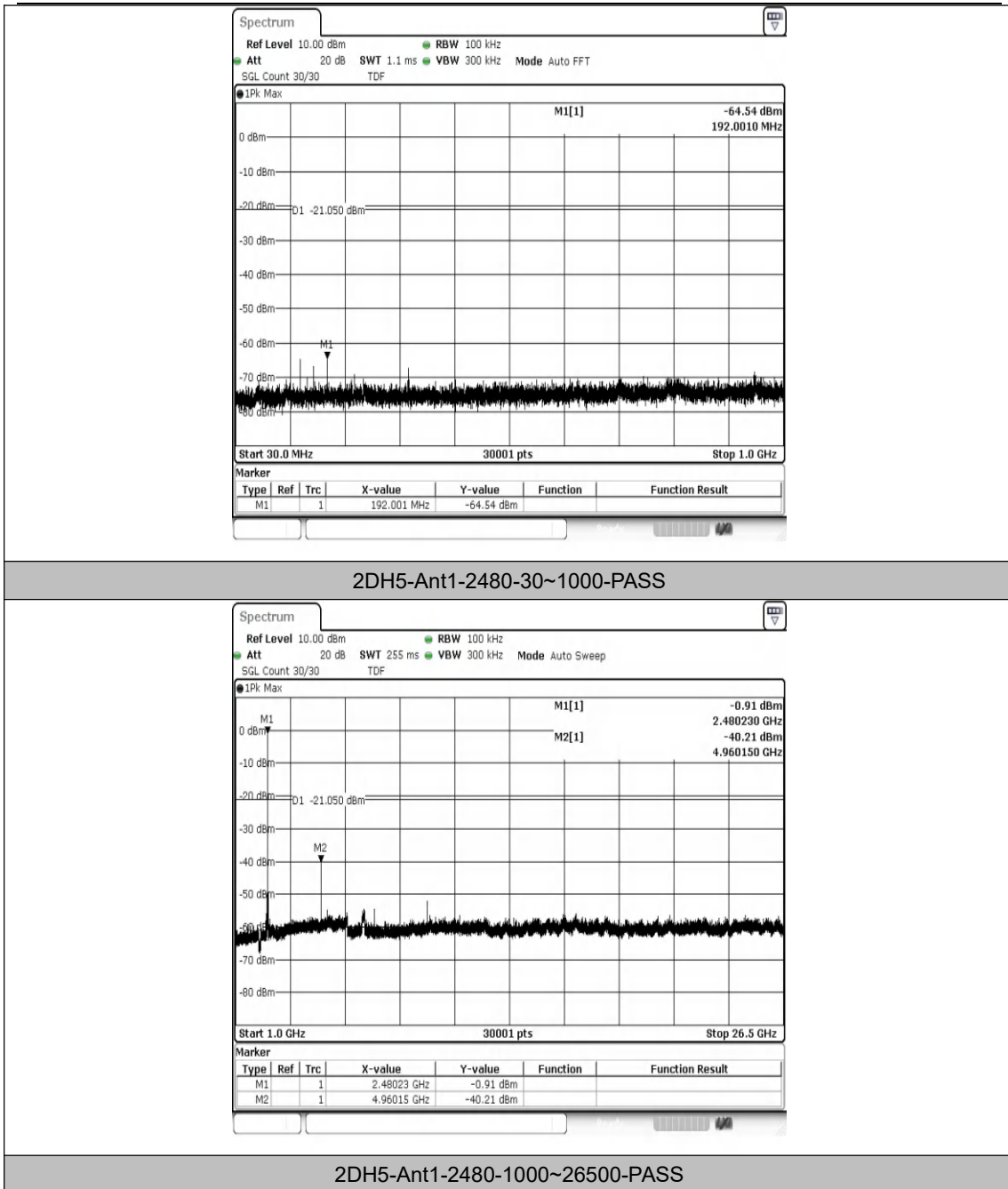


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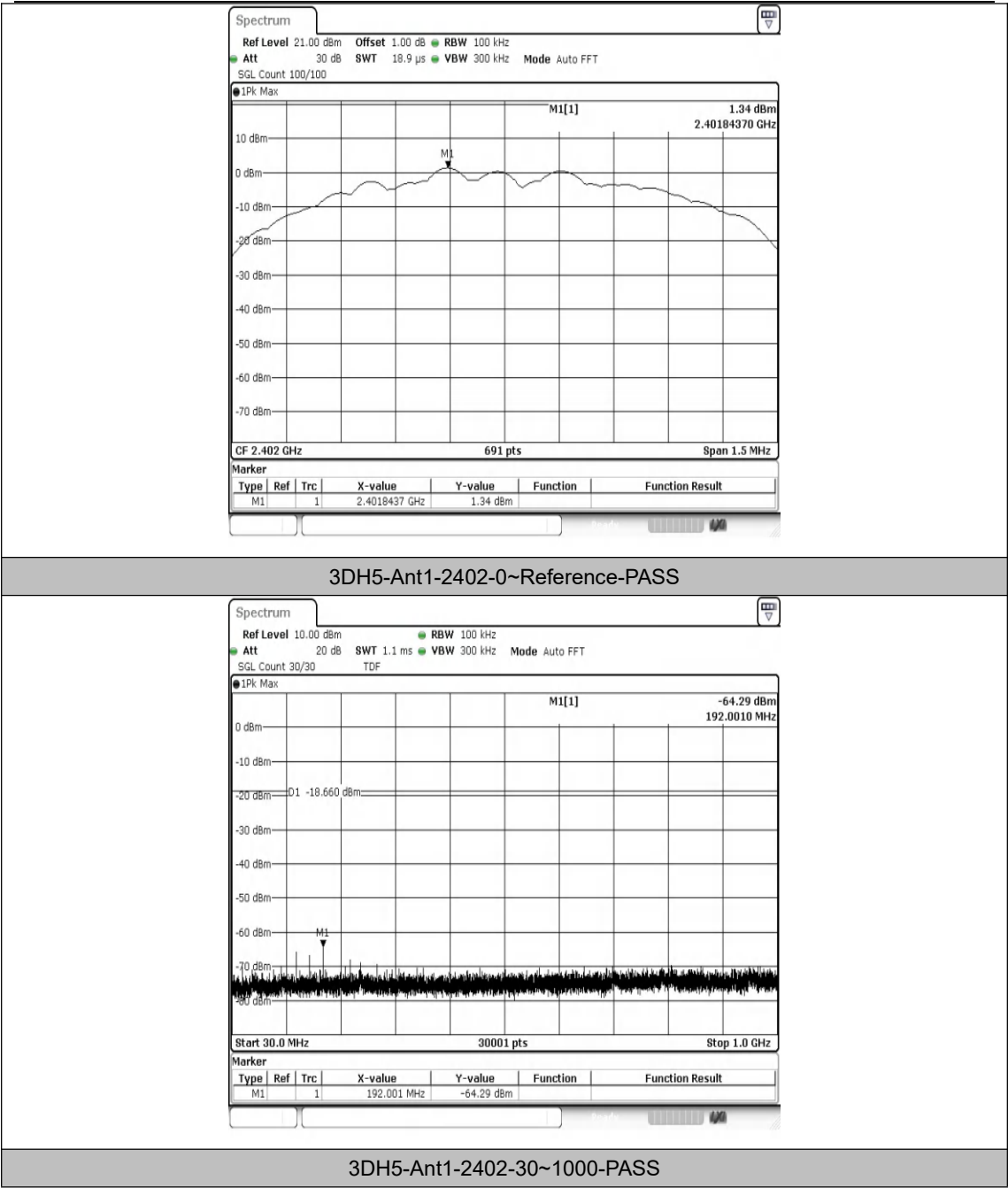




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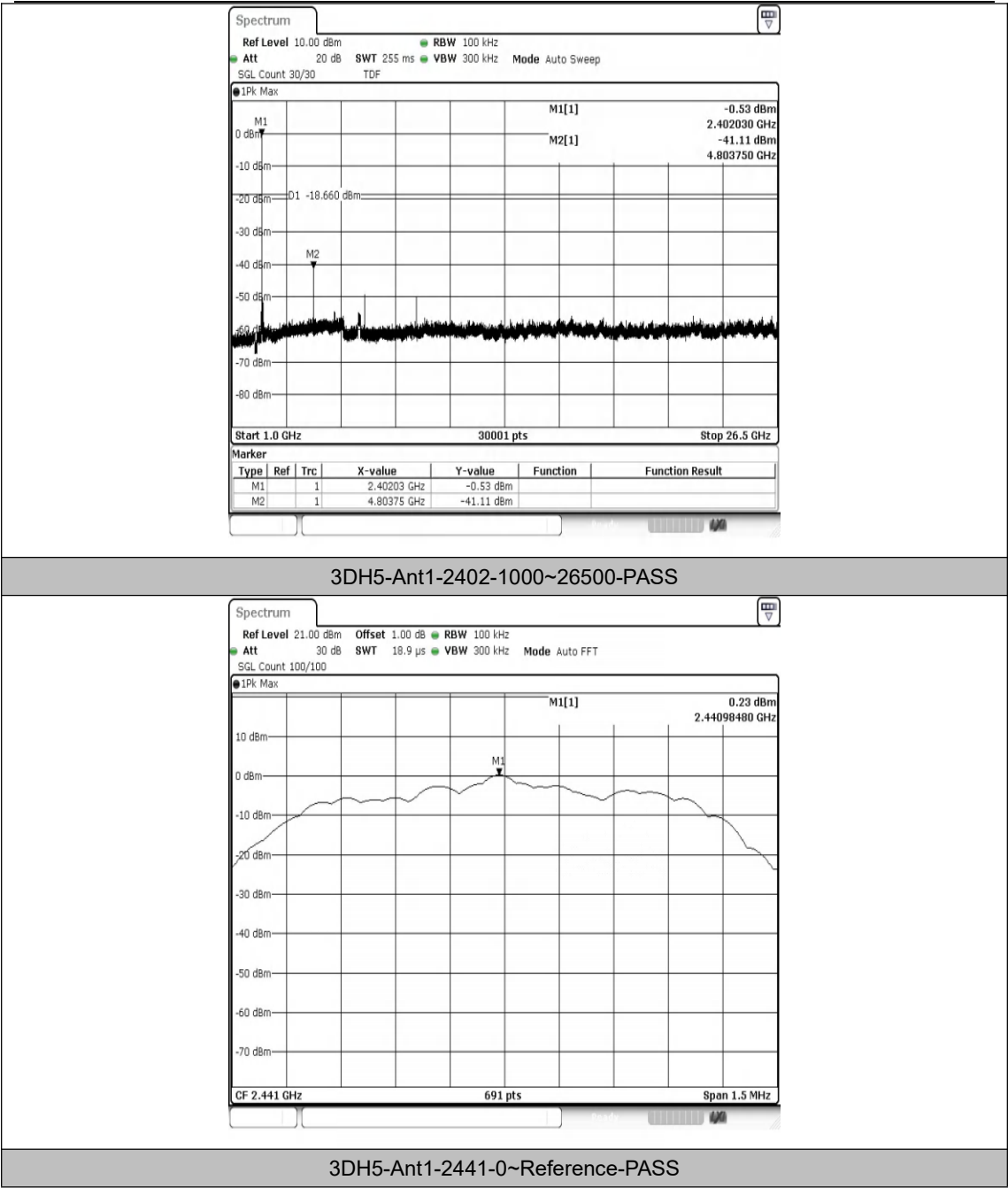
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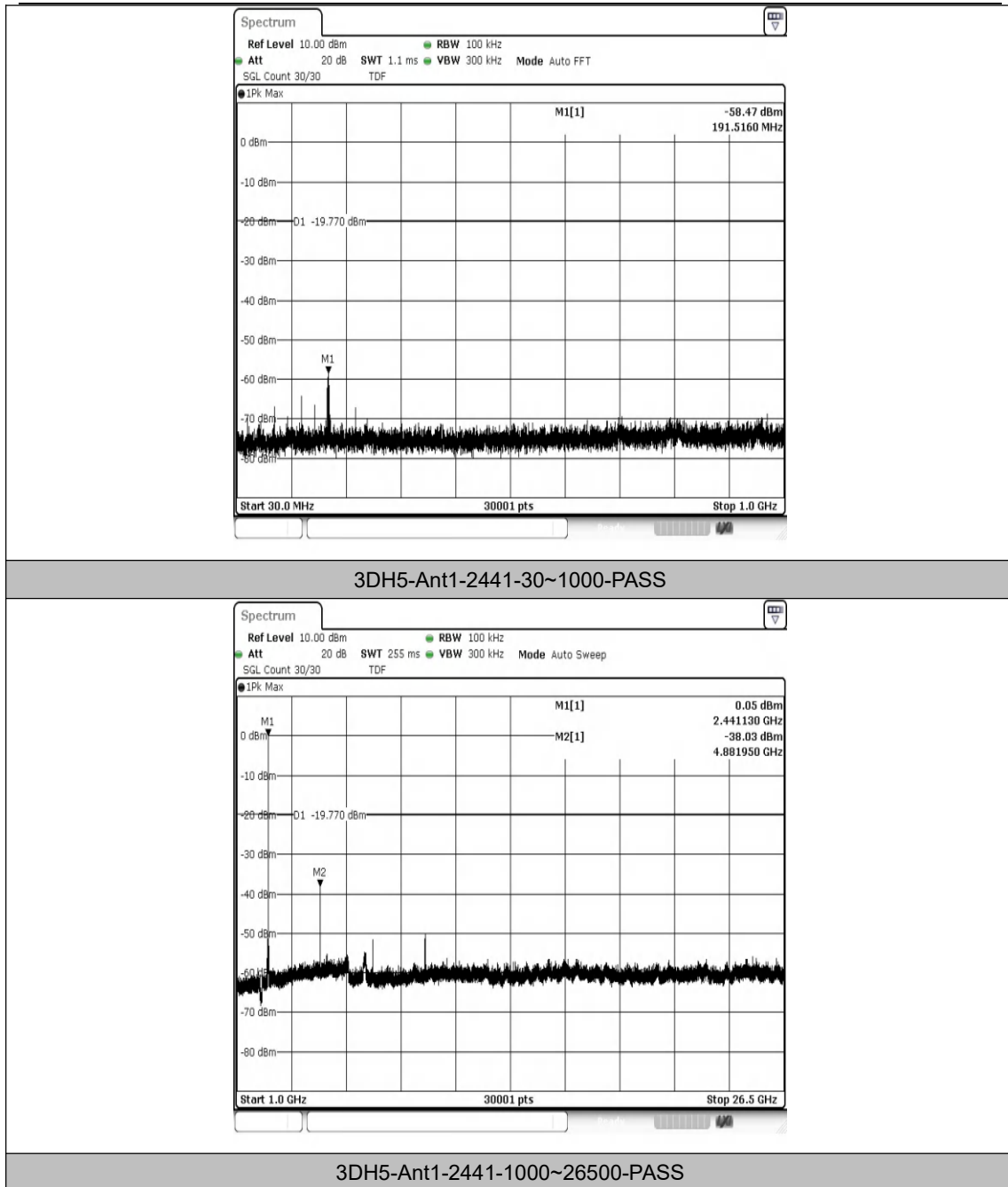


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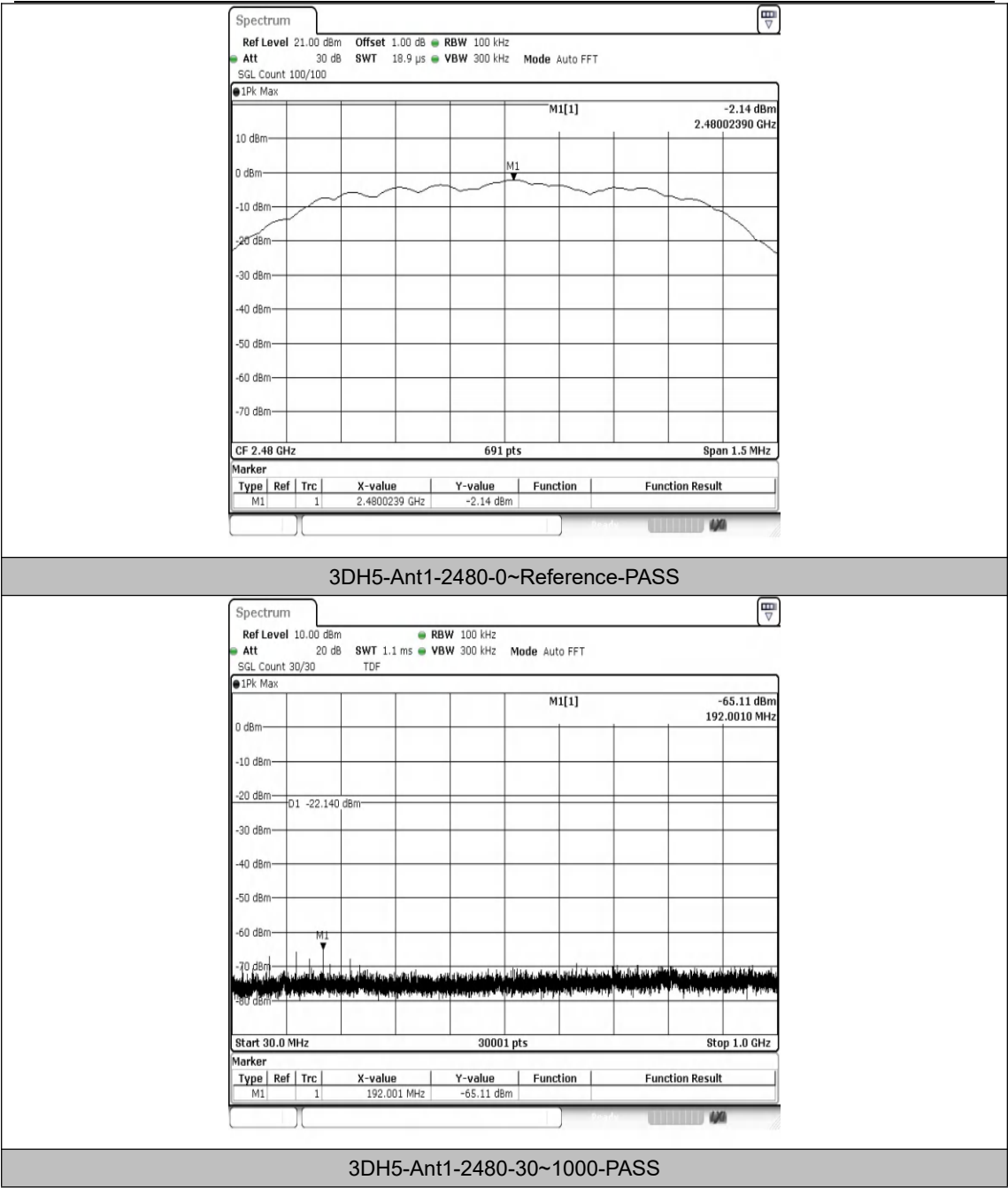


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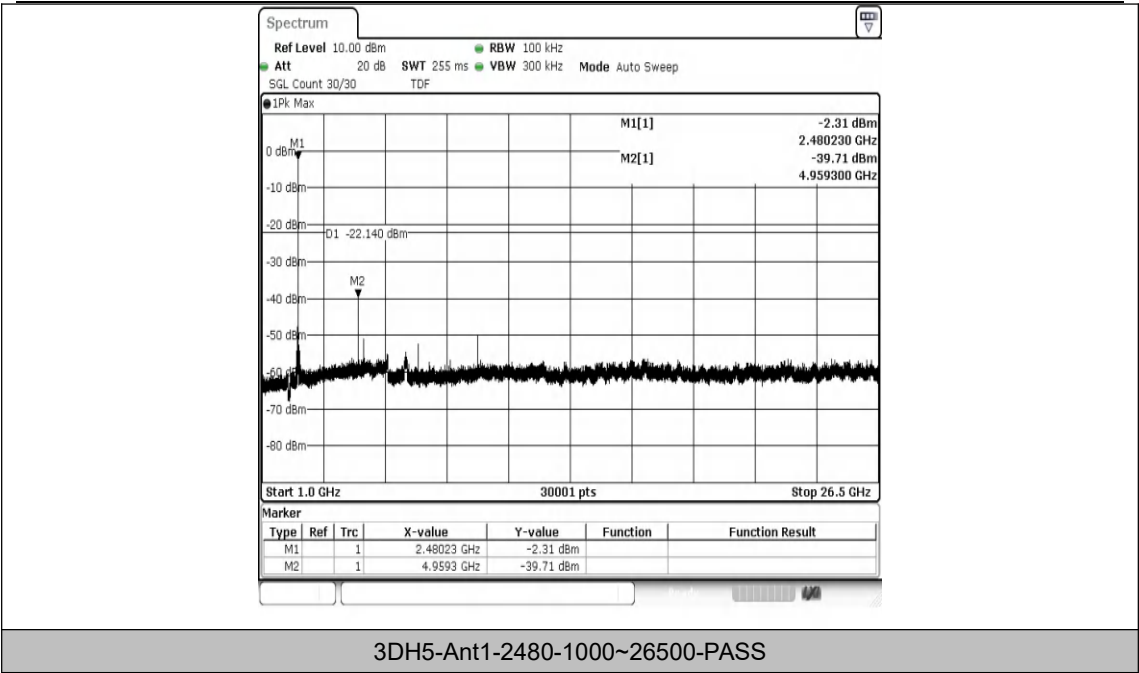


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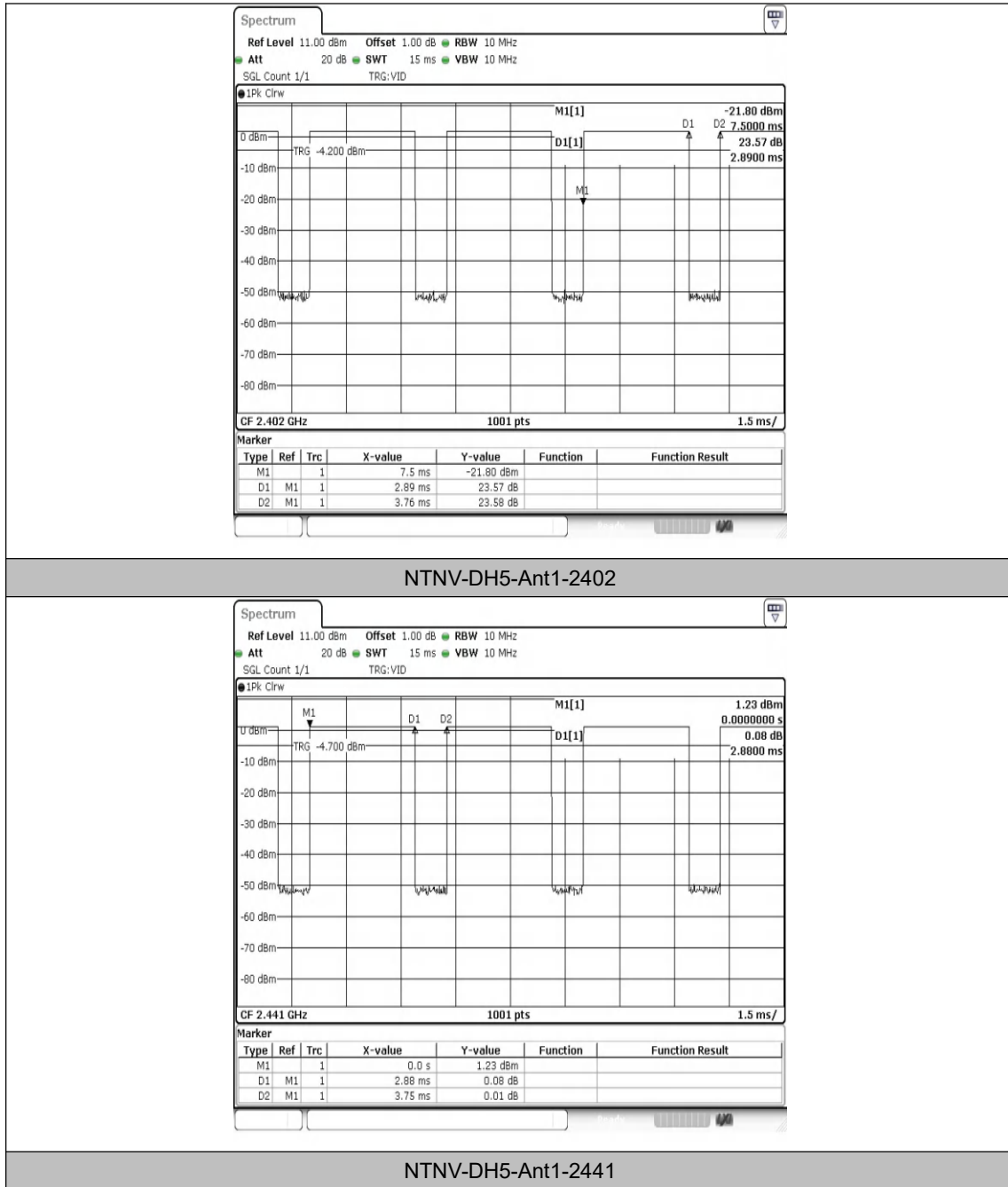
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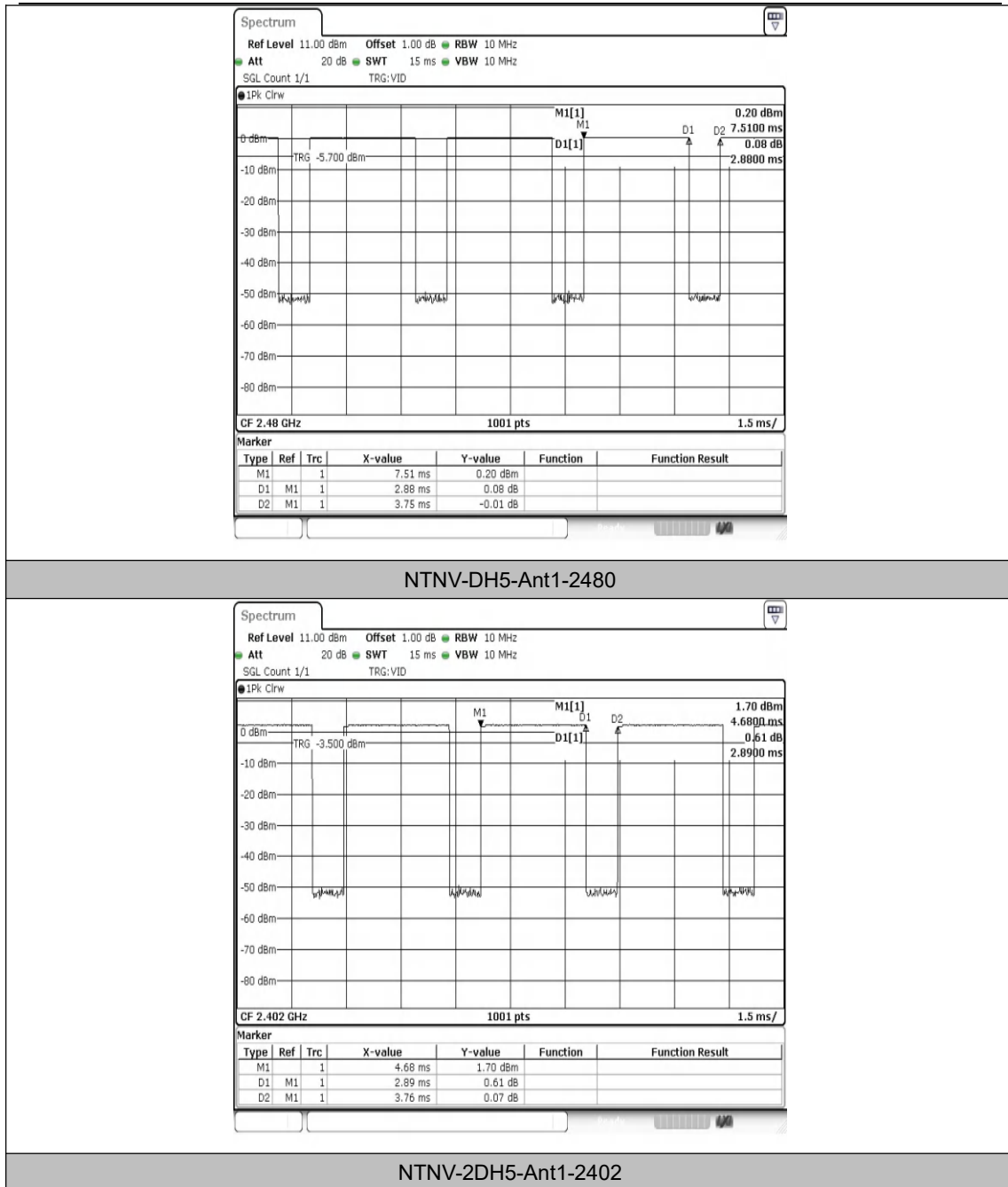
## Appendix I: Duty Cycle

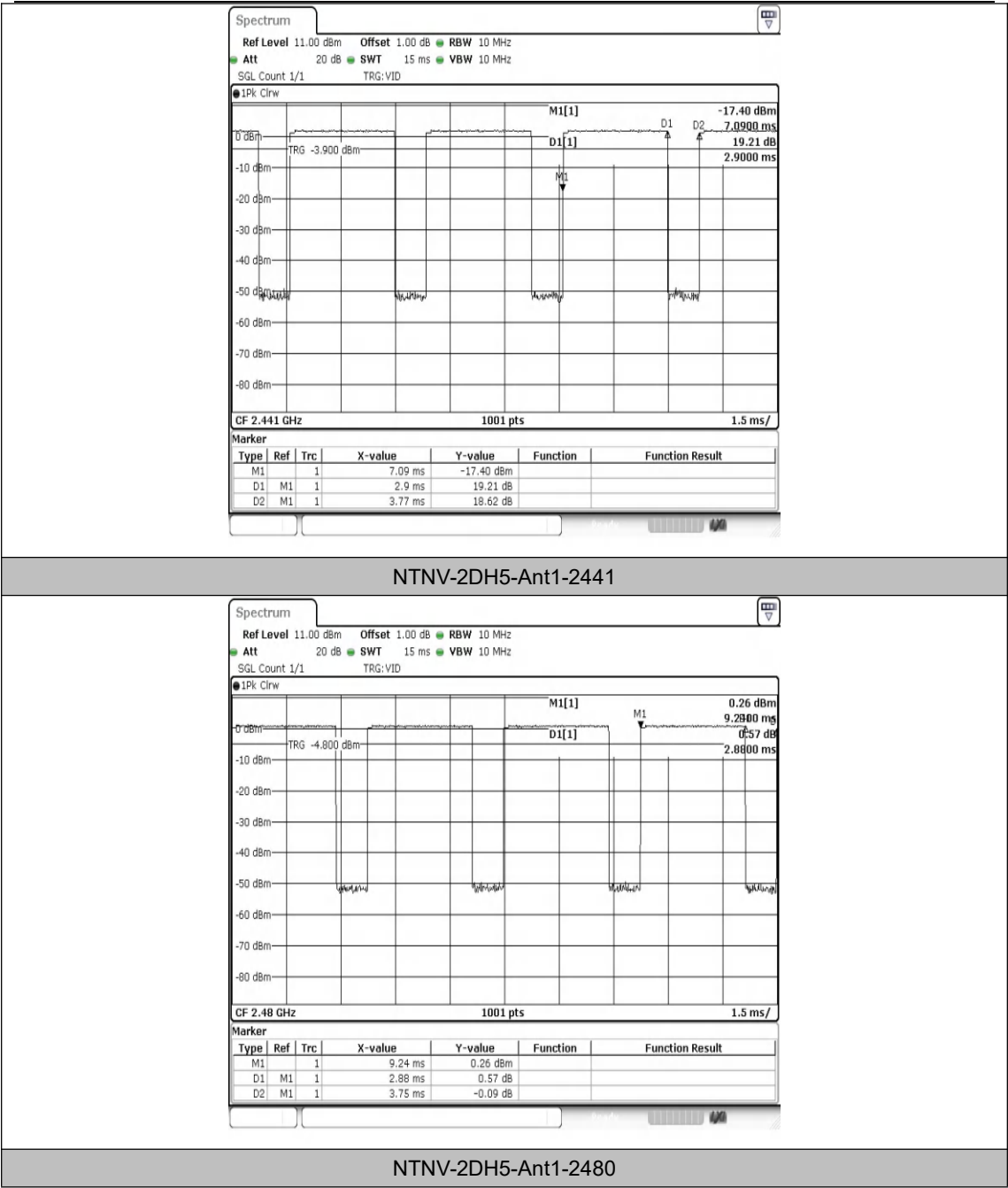
### Test Result

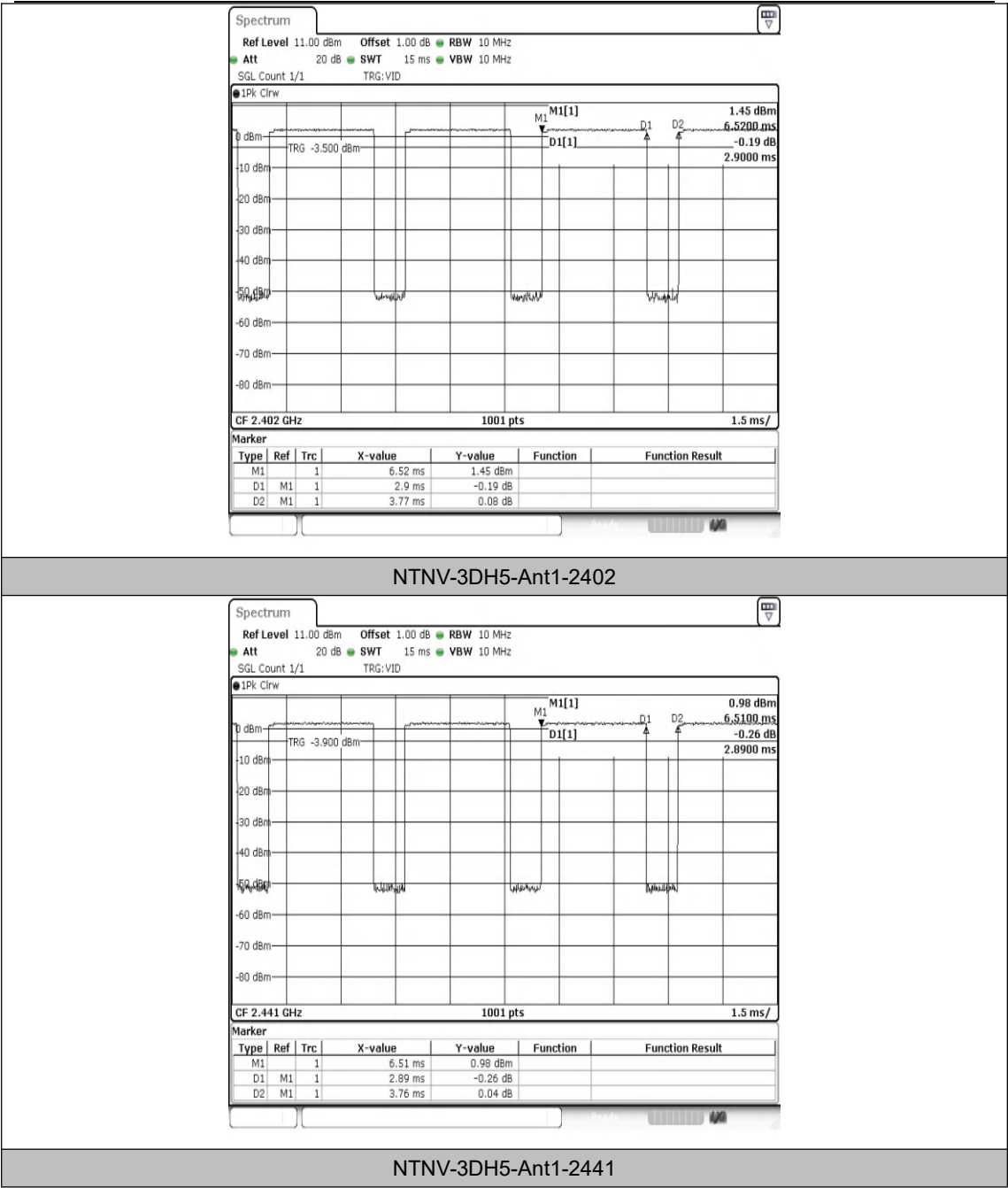
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.89	3.76	76.86	1.14
DH5	Ant1	2441	2.88	3.75	76.80	1.15
DH5	Ant1	2480	2.88	3.75	76.80	1.15
2DH5	Ant1	2402	2.89	3.76	76.86	1.14
2DH5	Ant1	2441	2.90	3.77	76.92	1.14
2DH5	Ant1	2480	2.88	3.75	76.80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

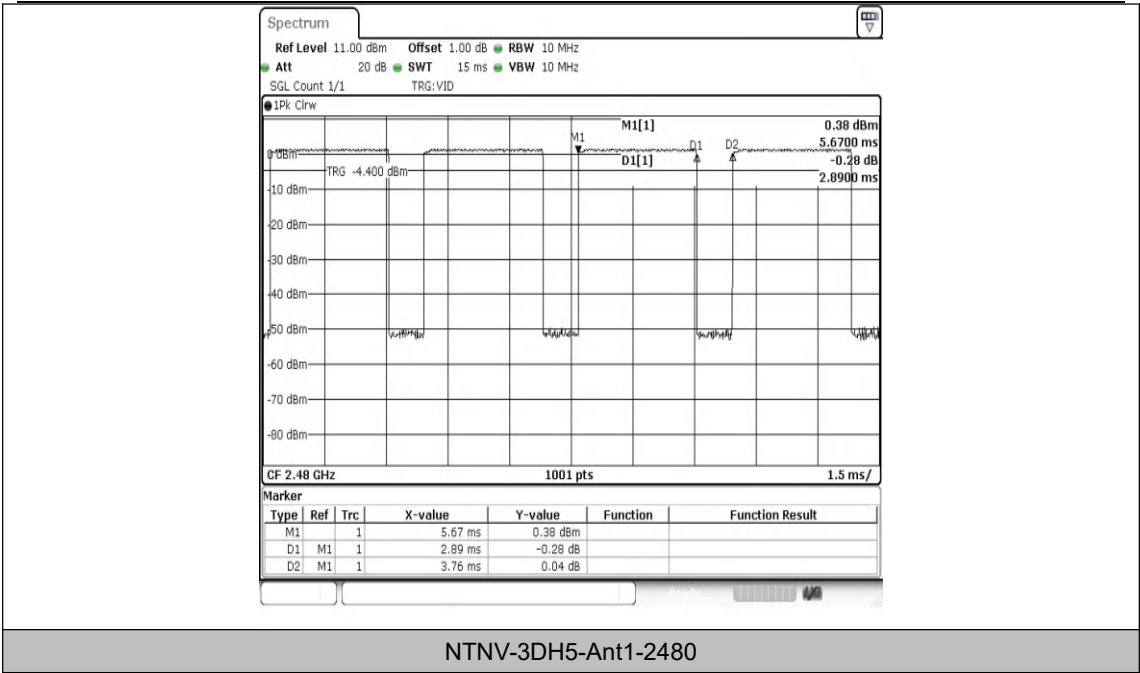
## Test Graphs











---End---