

Appendix Test Data

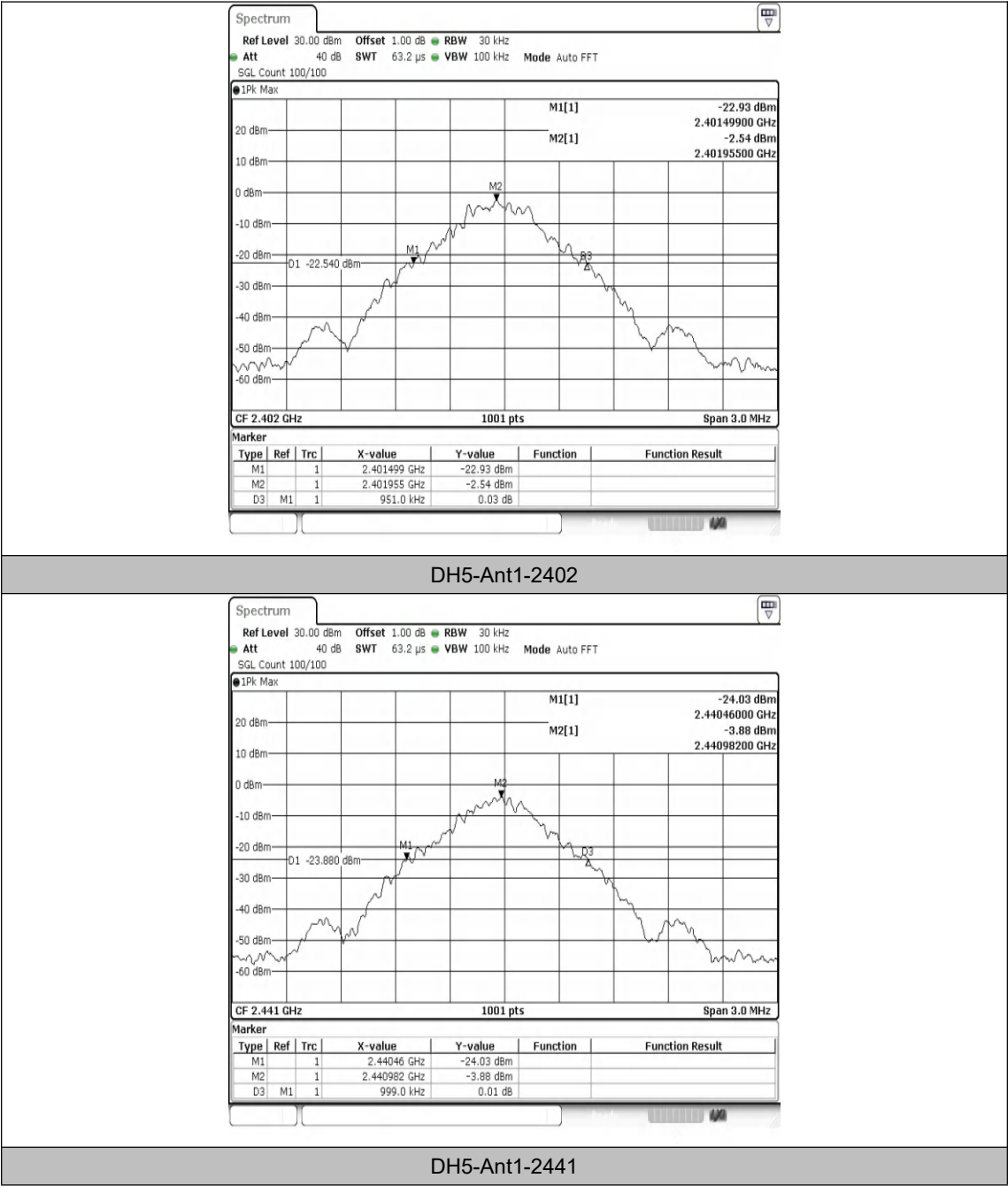
Report No.:	1812C50487912501	Test Sample No.:	1-2-2
Start Test Date:	2025-9-22	Finish Test Date:	2025-9-25
Test Engineer:	<i>dylan. Ma</i>	Auditor:	<i>Justin Feng</i>
Temperature:	26.7°C	Relative Humidity:	55%
Pressure:	101kPa		

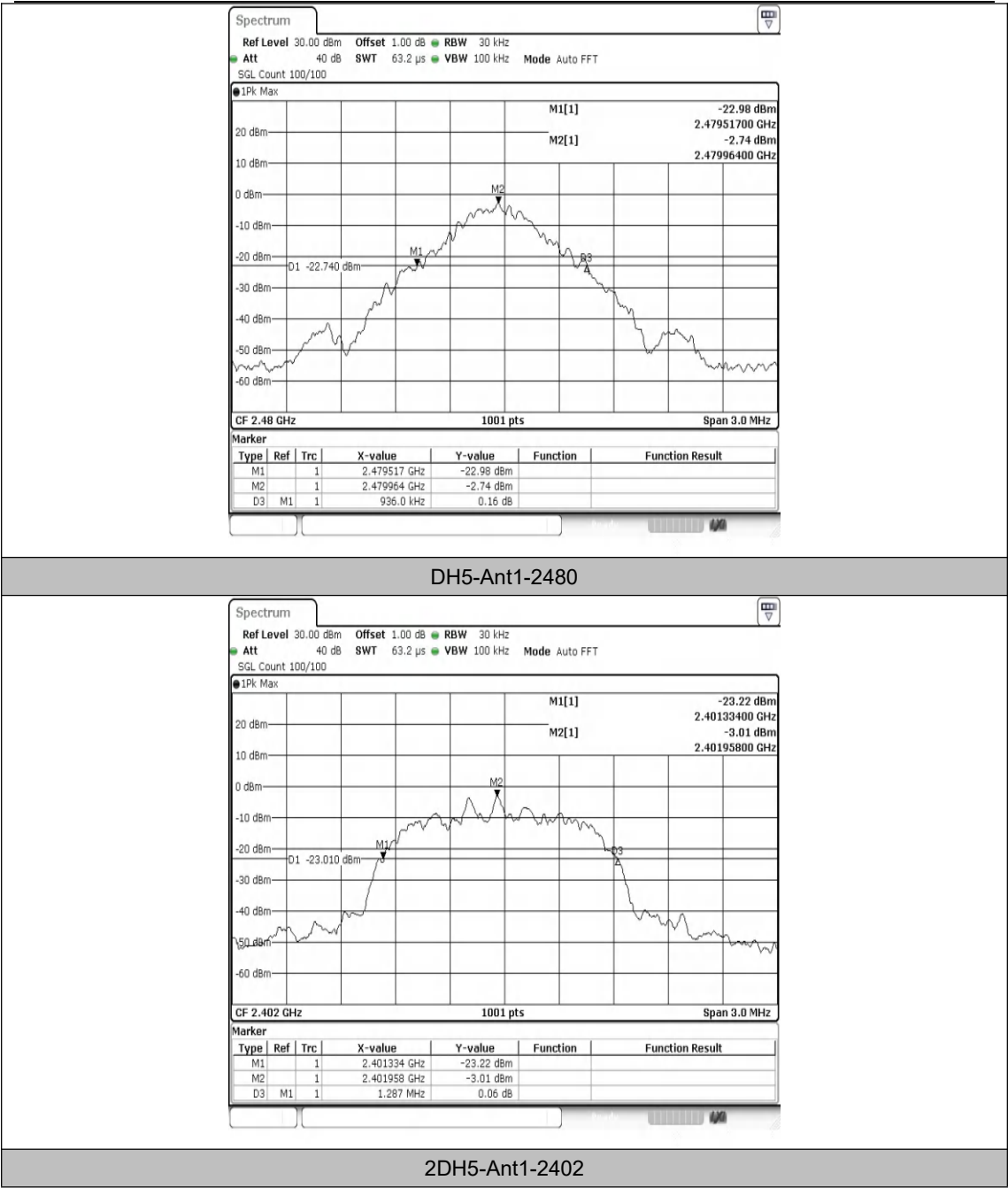
Appendix A: 20dB Bandwidth

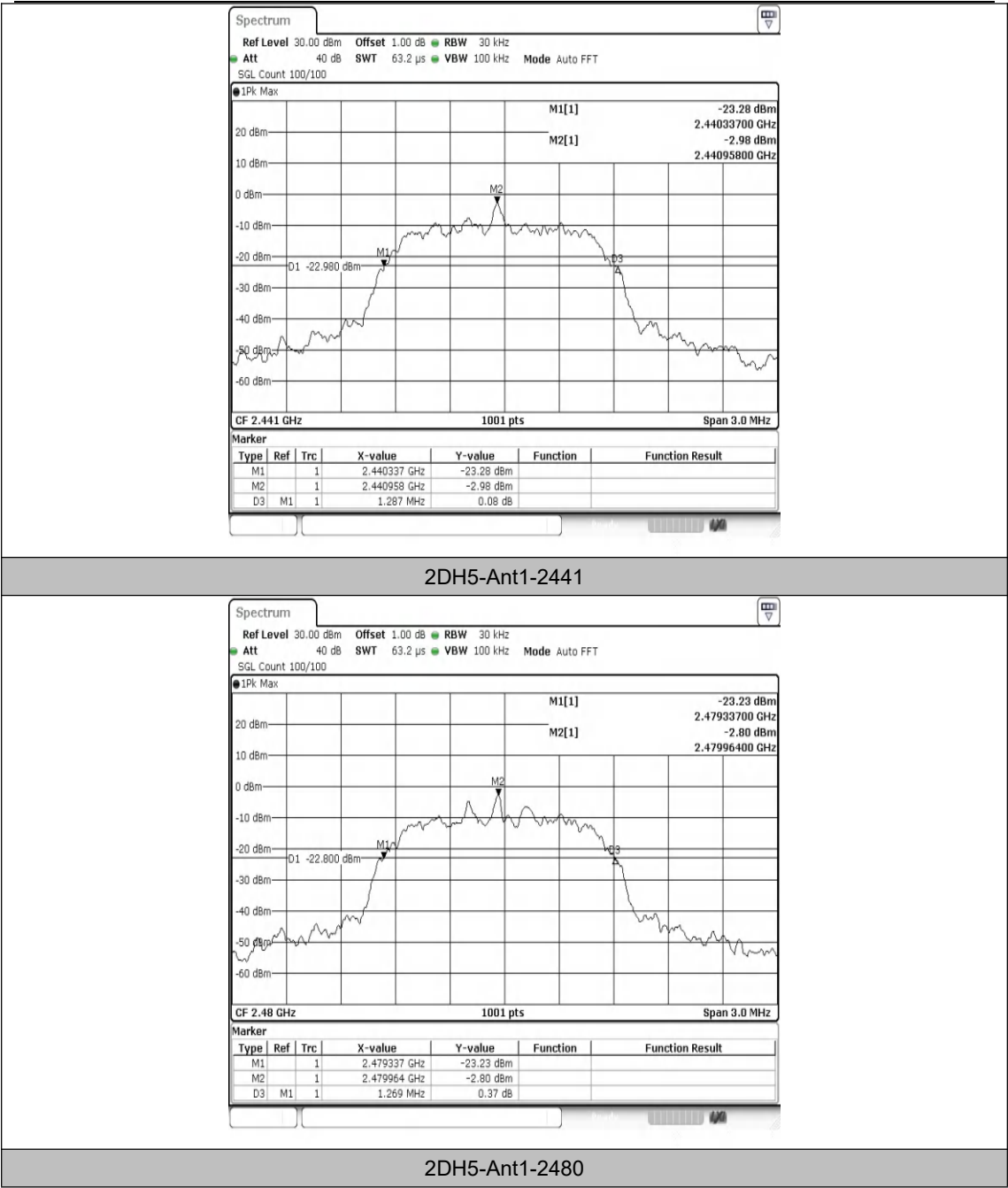
Test Result

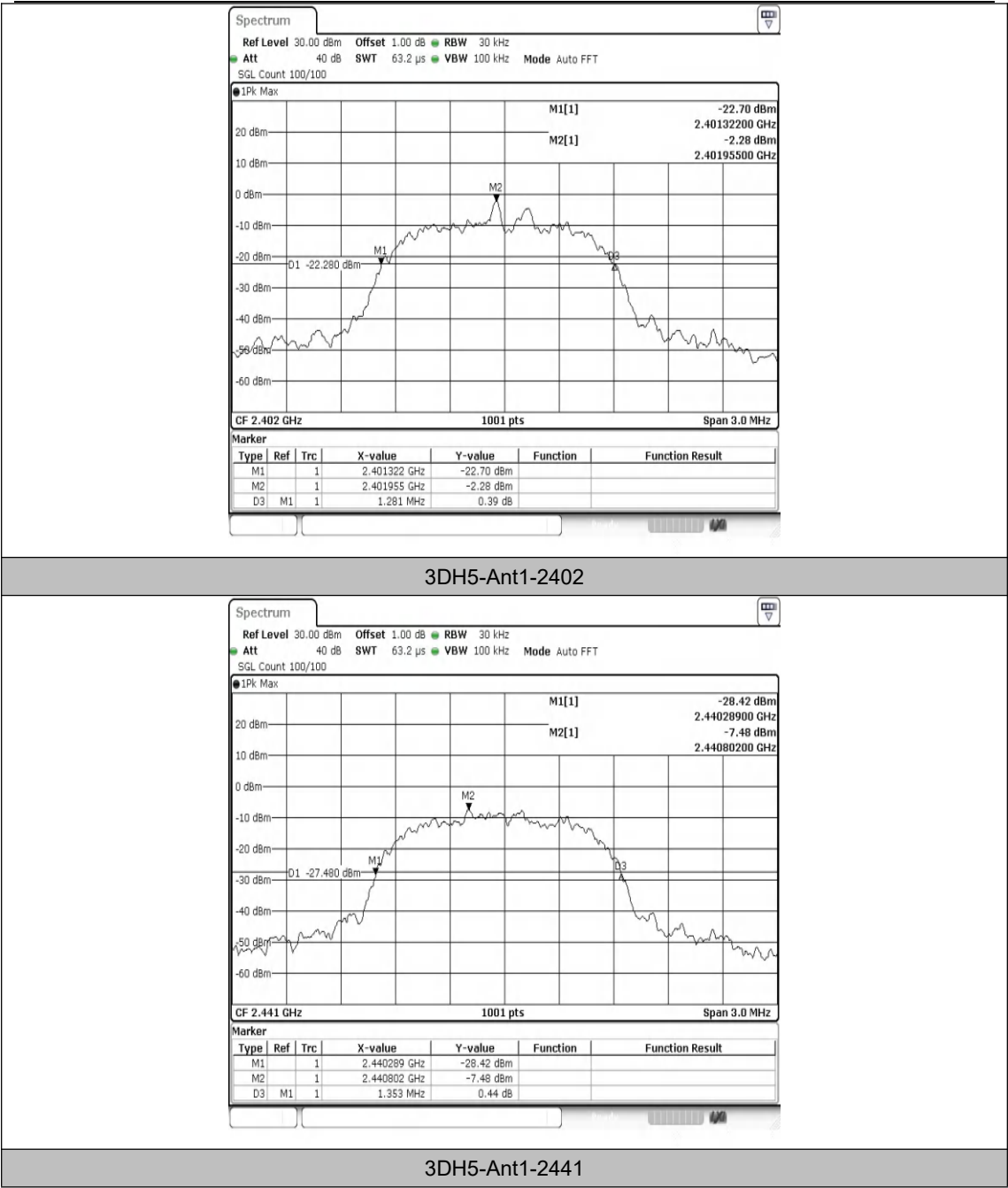
Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.95	2401.50	2402.45	---	---
DH5	Ant1	2441	1.00	2440.46	2441.46	---	---
DH5	Ant1	2480	0.94	2479.52	2480.45	---	---
2DH5	Ant1	2402	1.29	2401.33	2402.62	---	---
2DH5	Ant1	2441	1.29	2440.34	2441.62	---	---
2DH5	Ant1	2480	1.27	2479.34	2480.61	---	---
3DH5	Ant1	2402	1.28	2401.32	2402.60	---	---
3DH5	Ant1	2441	1.35	2440.29	2441.64	---	---
3DH5	Ant1	2480	1.30	2479.32	2480.62	---	---

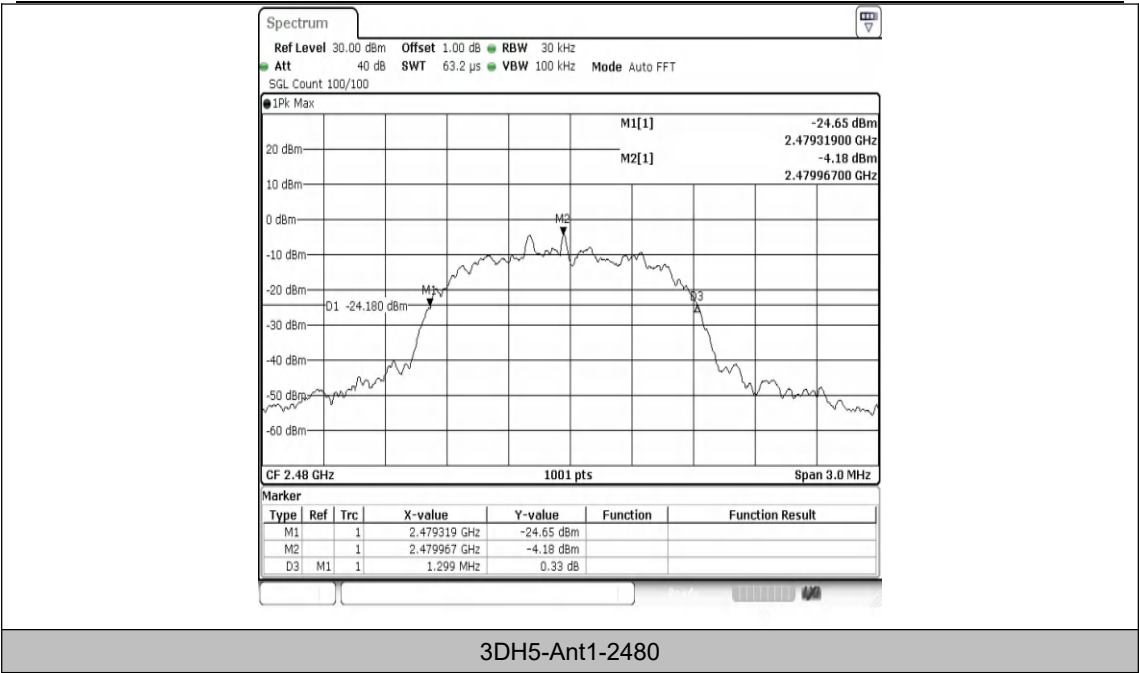
Test Graphs











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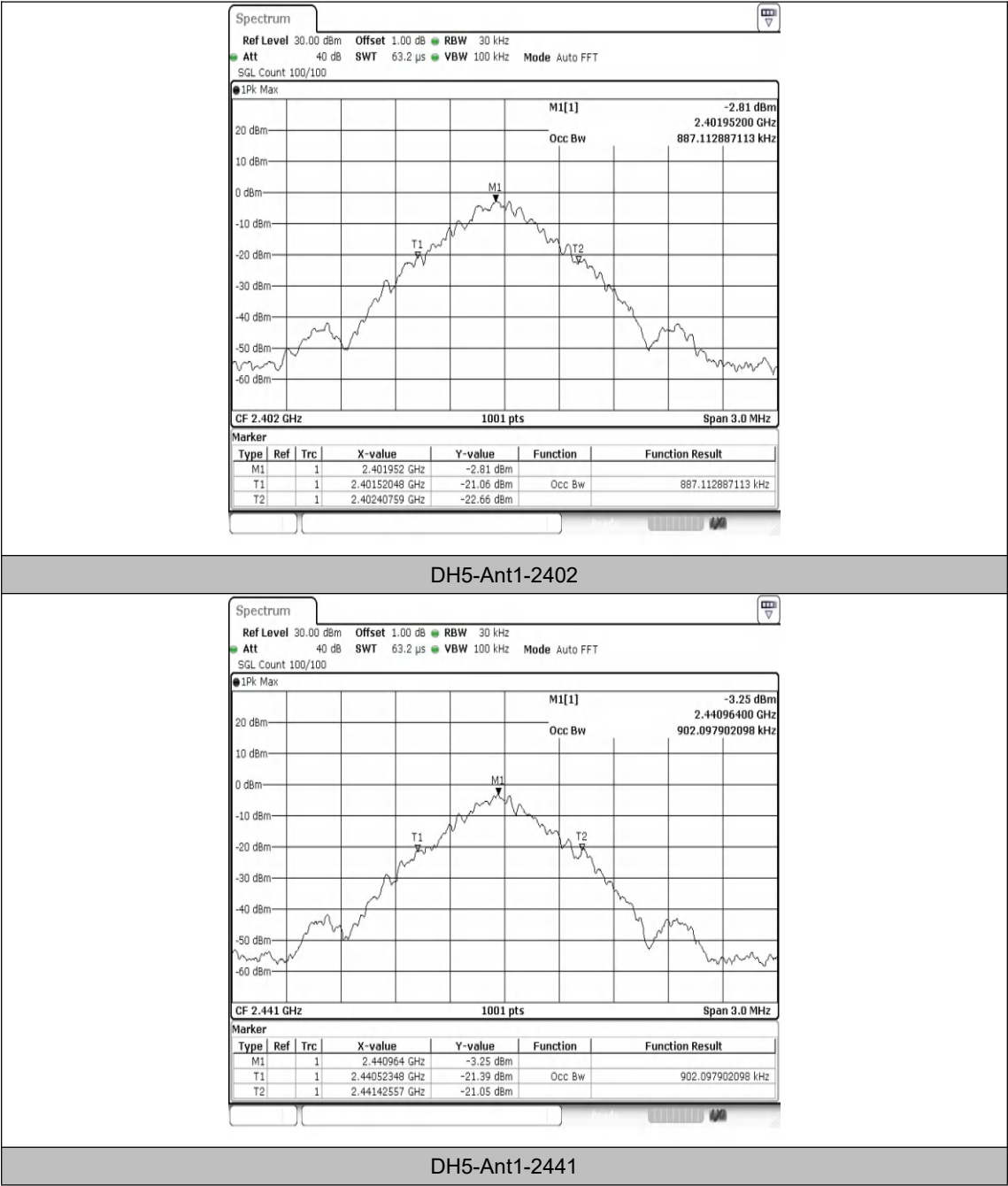
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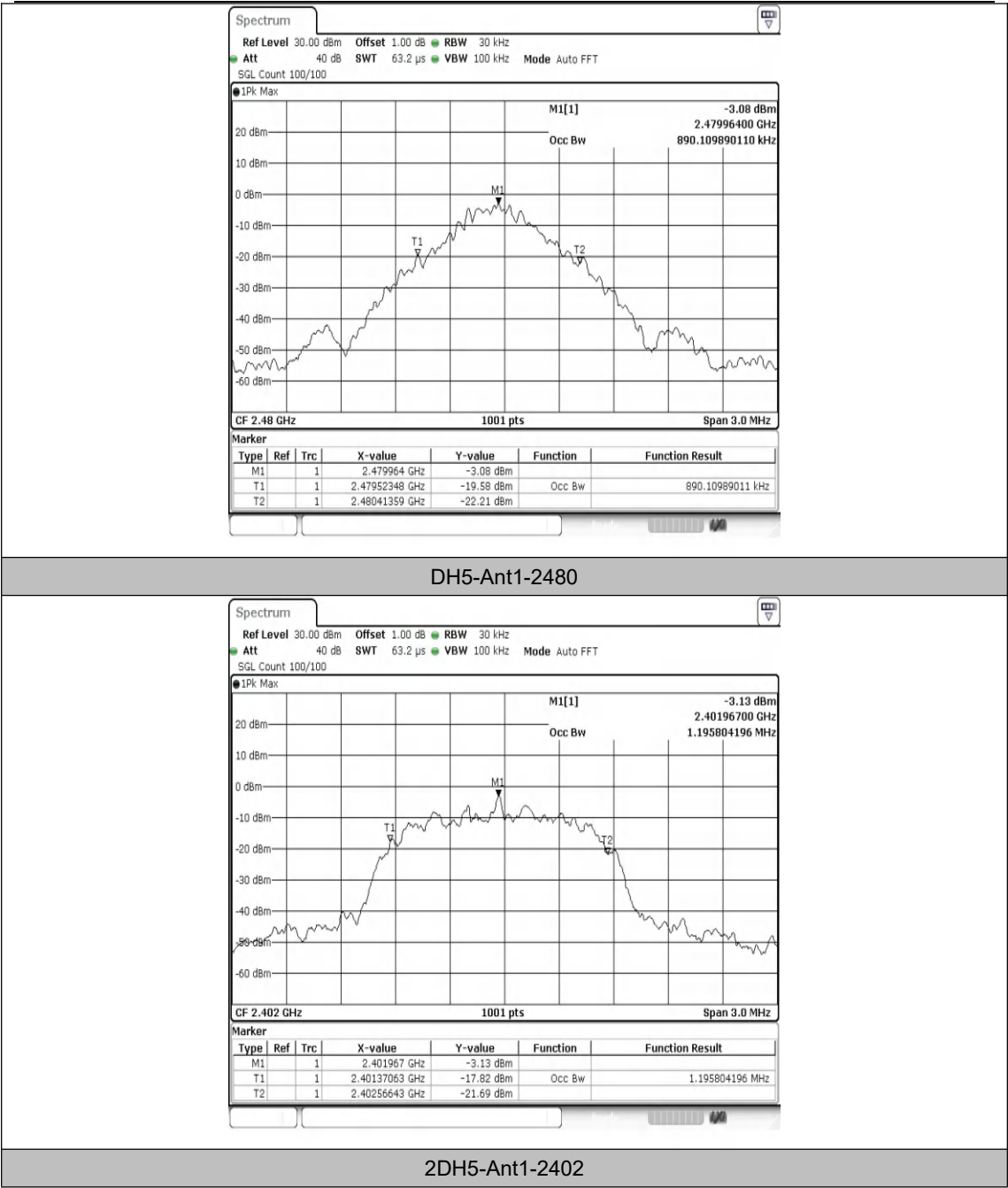
Appendix B: 99% Occupied Bandwidth

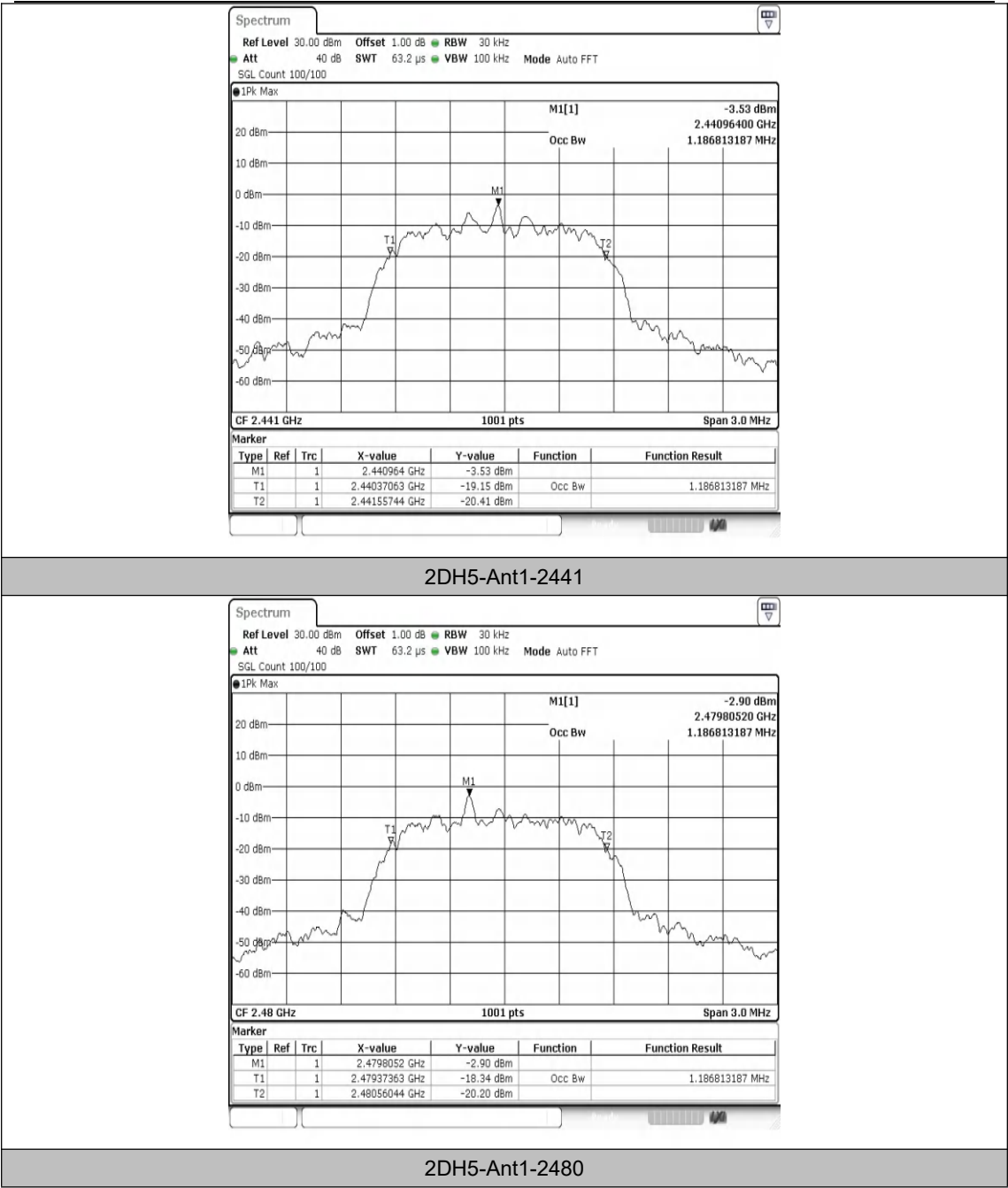
Test Result

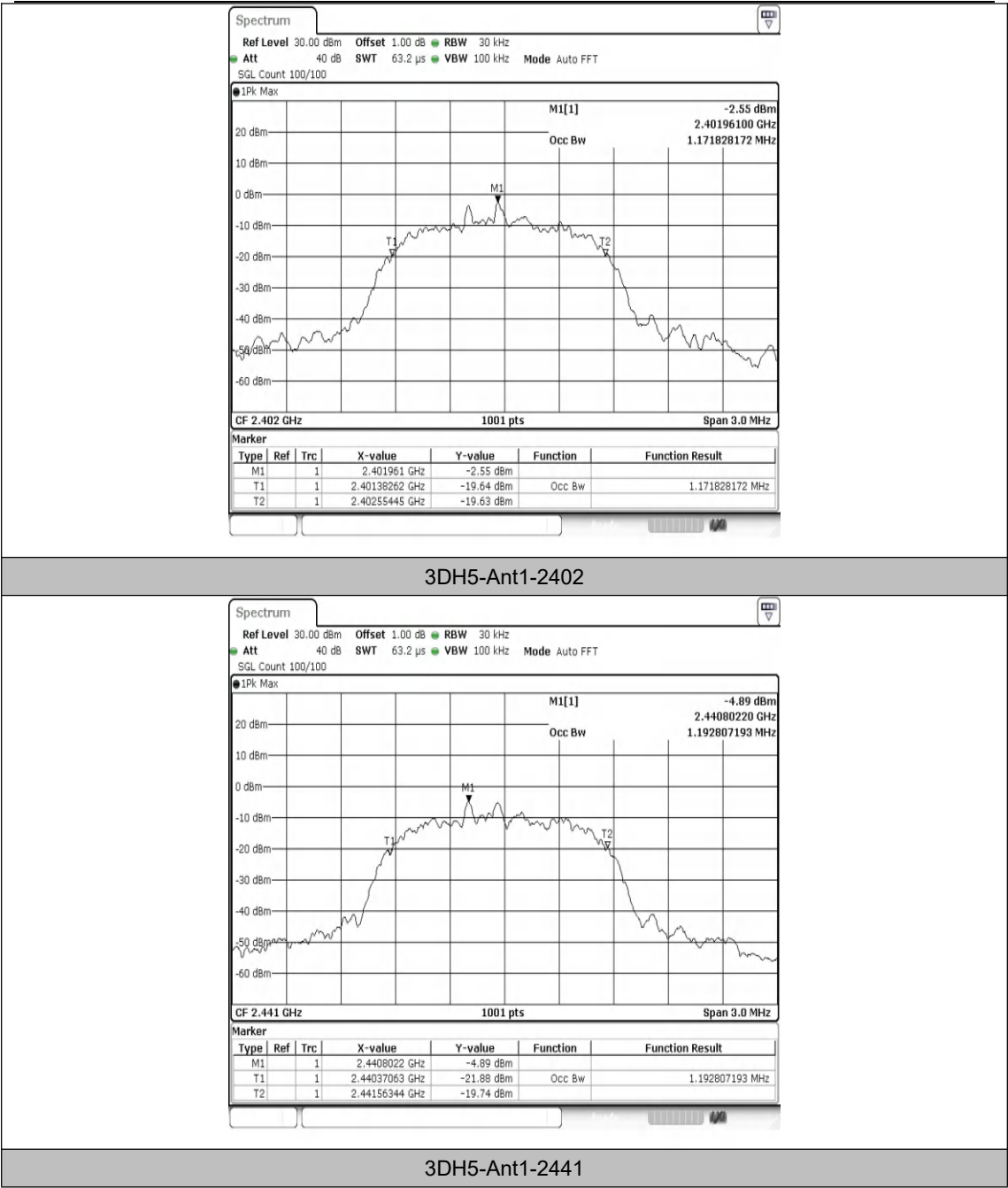
Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.88711	2401.5205	2402.4076	---	---
DH5	Ant1	2441	0.90210	2440.5235	2441.4256	---	---
DH5	Ant1	2480	0.89011	2479.5235	2480.4136	---	---
2DH5	Ant1	2402	1.1958	2401.3706	2402.5664	---	---
2DH5	Ant1	2441	1.1868	2440.3706	2441.5574	---	---
2DH5	Ant1	2480	1.1868	2479.3736	2480.5604	---	---
3DH5	Ant1	2402	1.1718	2401.3826	2402.5544	---	---
3DH5	Ant1	2441	1.1928	2440.3706	2441.5634	---	---
3DH5	Ant1	2480	1.1958	2479.3706	2480.5664	---	---

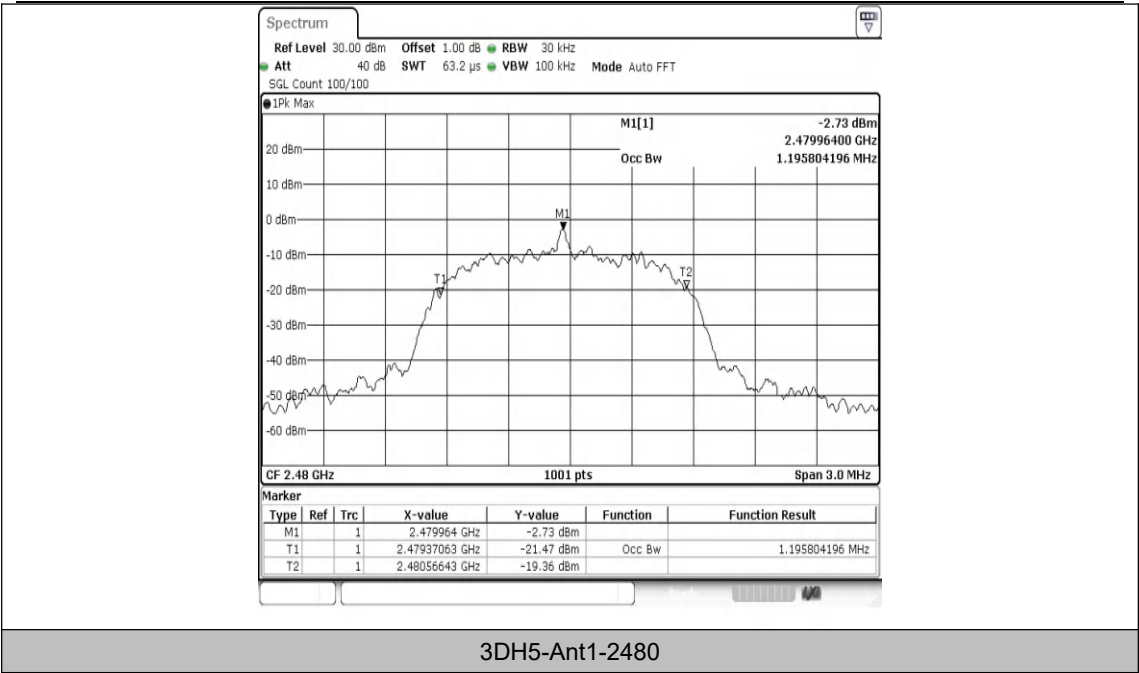
Test Graphs











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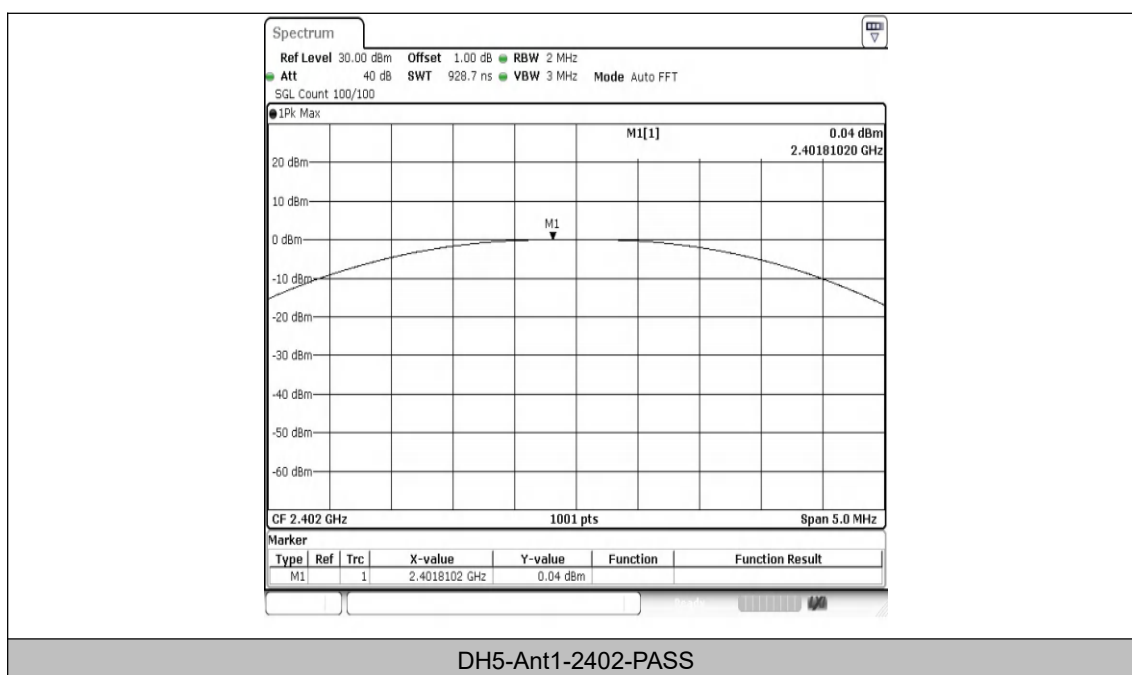
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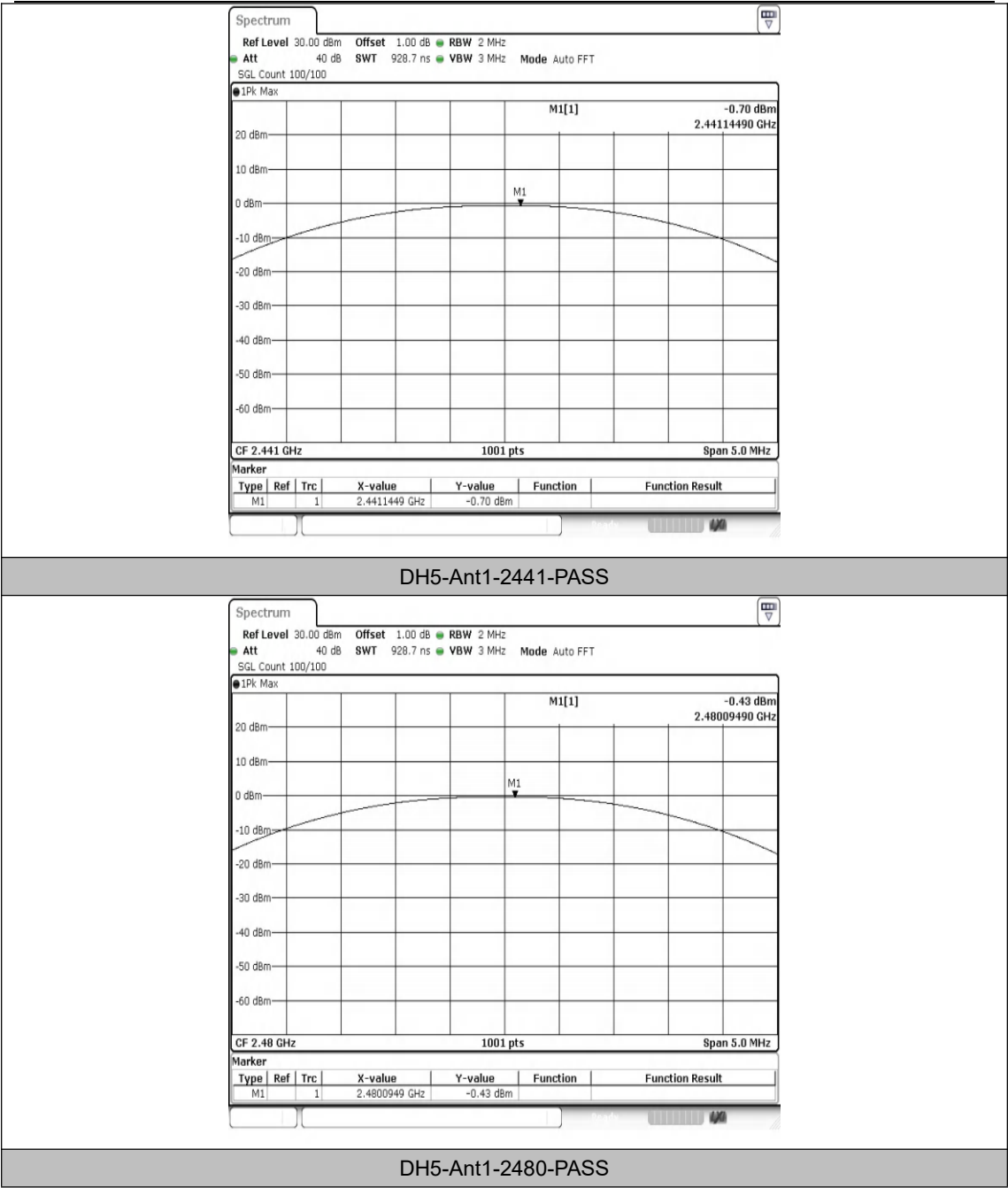
Appendix C: Maximum Conducted Output Power

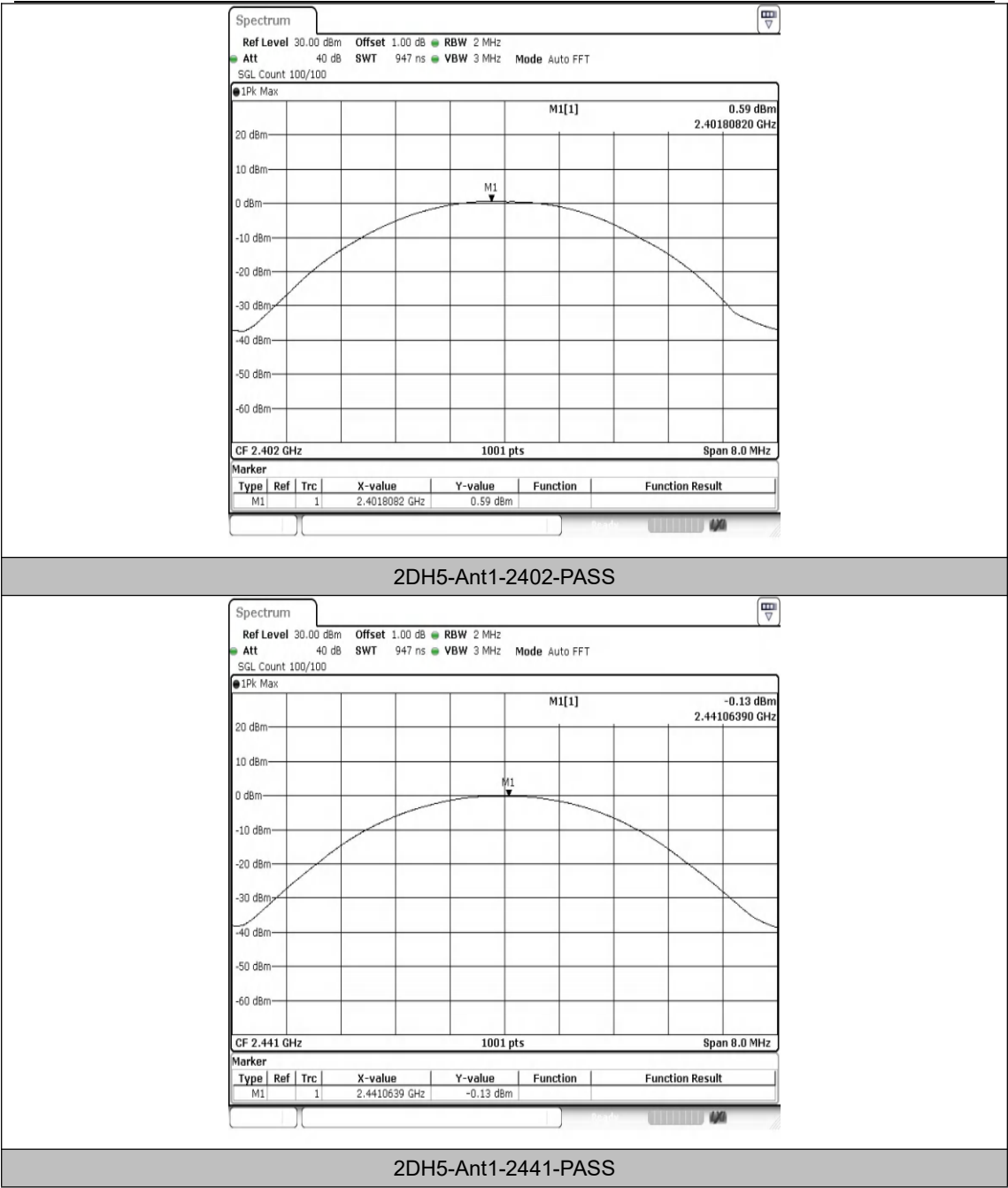
Test Result Peak

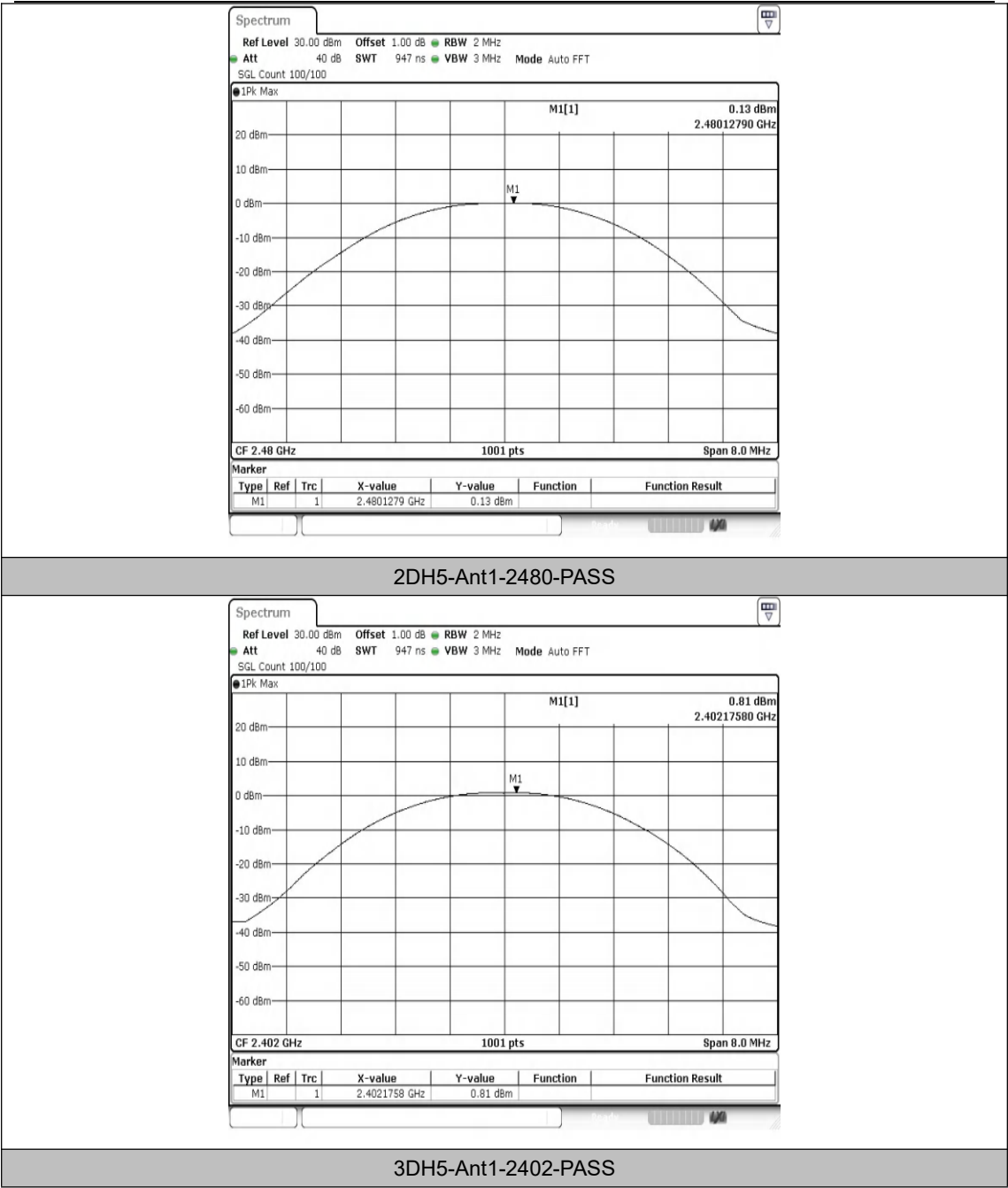
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	0.04	≤20.97	PASS
DH5	Ant1	2441	-0.70	≤20.97	PASS
DH5	Ant1	2480	-0.43	≤20.97	PASS
2DH5	Ant1	2402	0.59	≤20.97	PASS
2DH5	Ant1	2441	-0.13	≤20.97	PASS
2DH5	Ant1	2480	0.13	≤20.97	PASS
3DH5	Ant1	2402	0.81	≤20.97	PASS
3DH5	Ant1	2441	0.00	≤20.97	PASS
3DH5	Ant1	2480	0.24	≤20.97	PASS

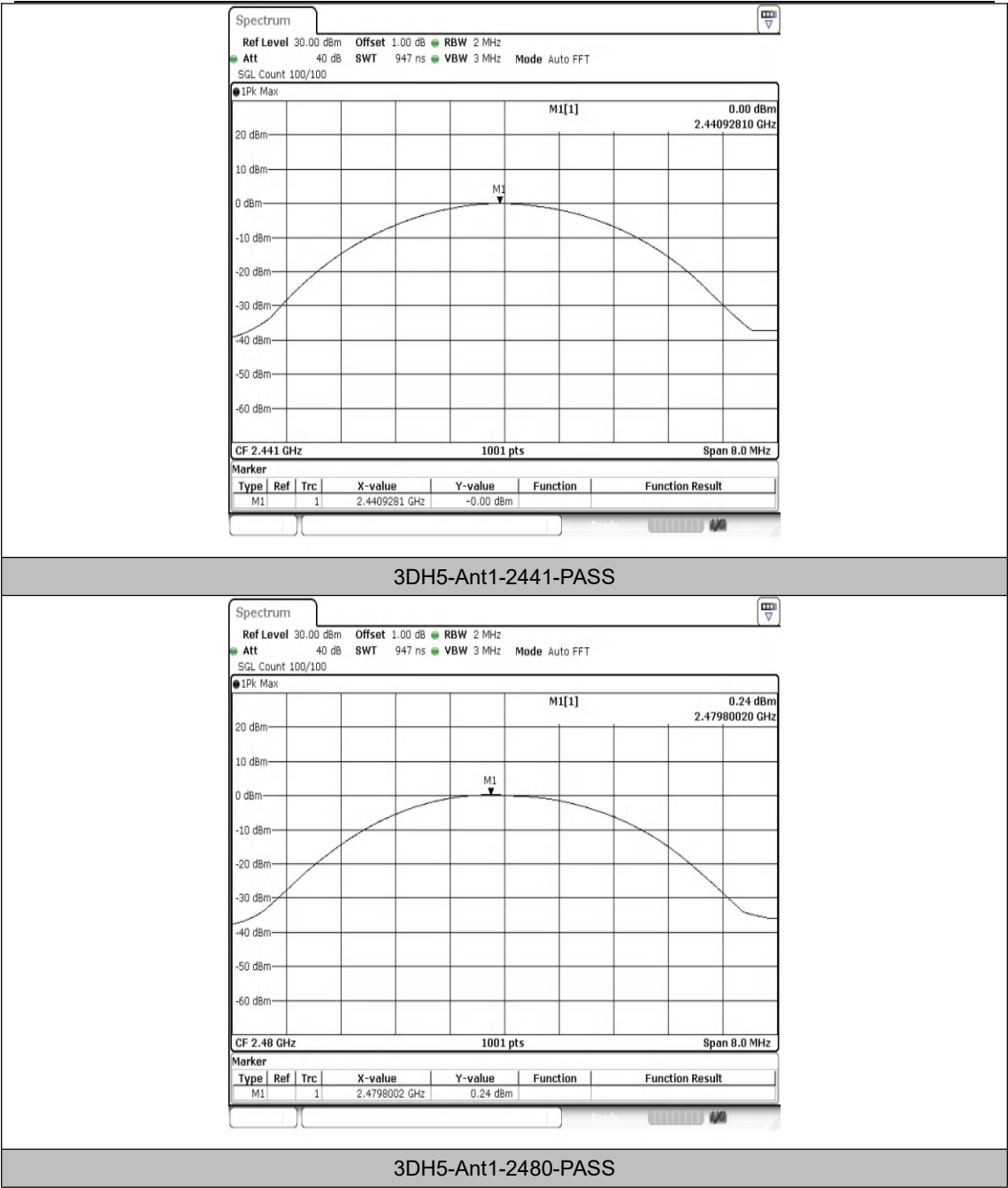
Test Graphs









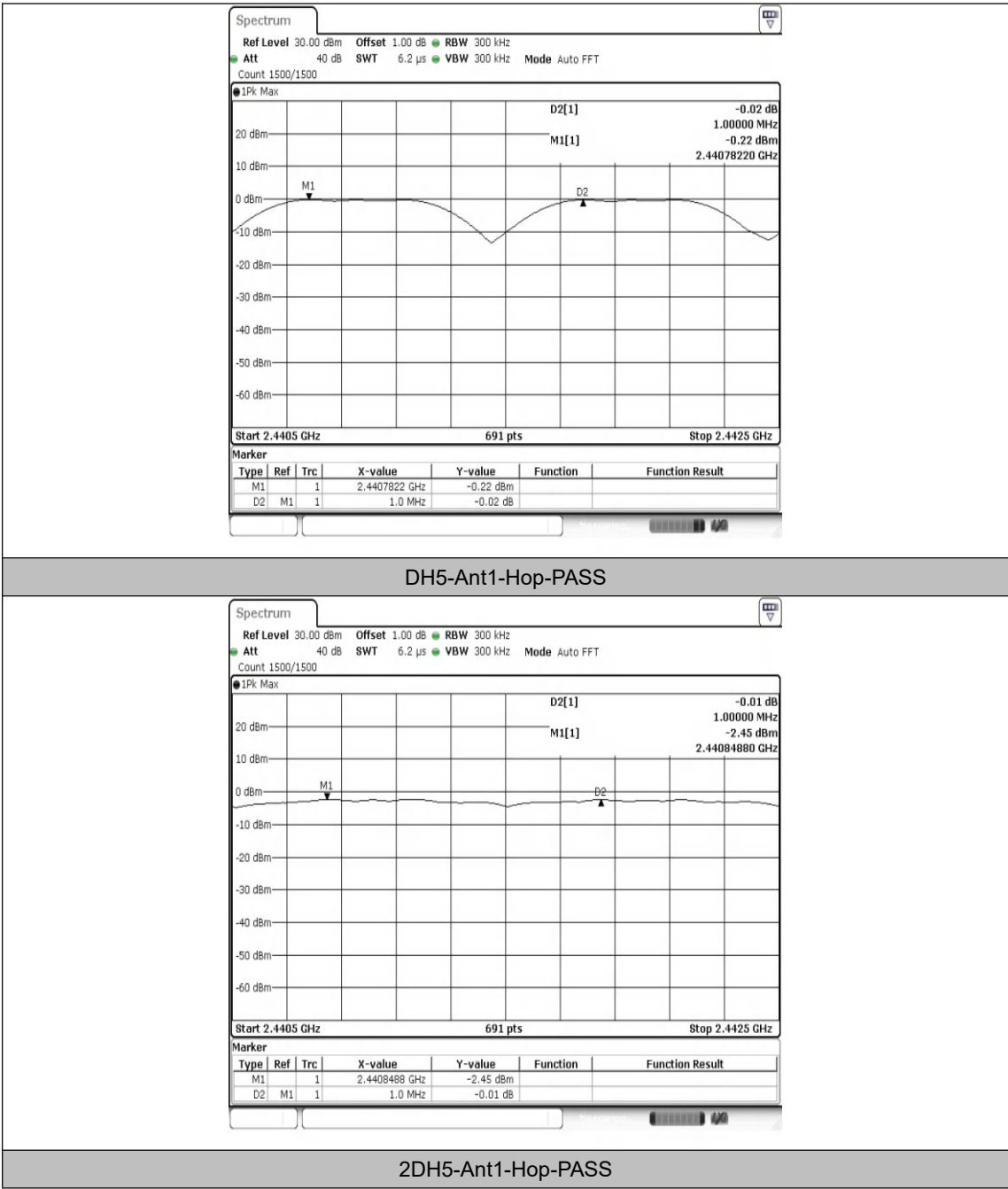


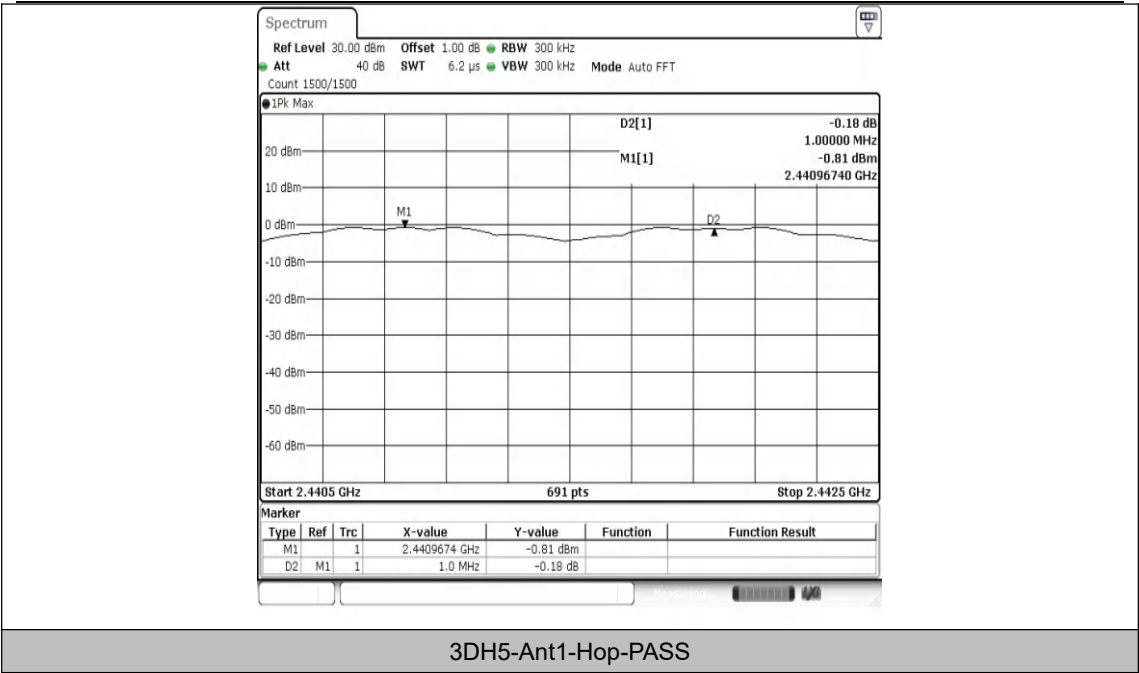
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.000	≥ 0.667	PASS
2DH5	Ant1	Hop	1.000	≥ 0.860	PASS
3DH5	Ant1	Hop	1.000	≥ 0.900	PASS

Test Graphs





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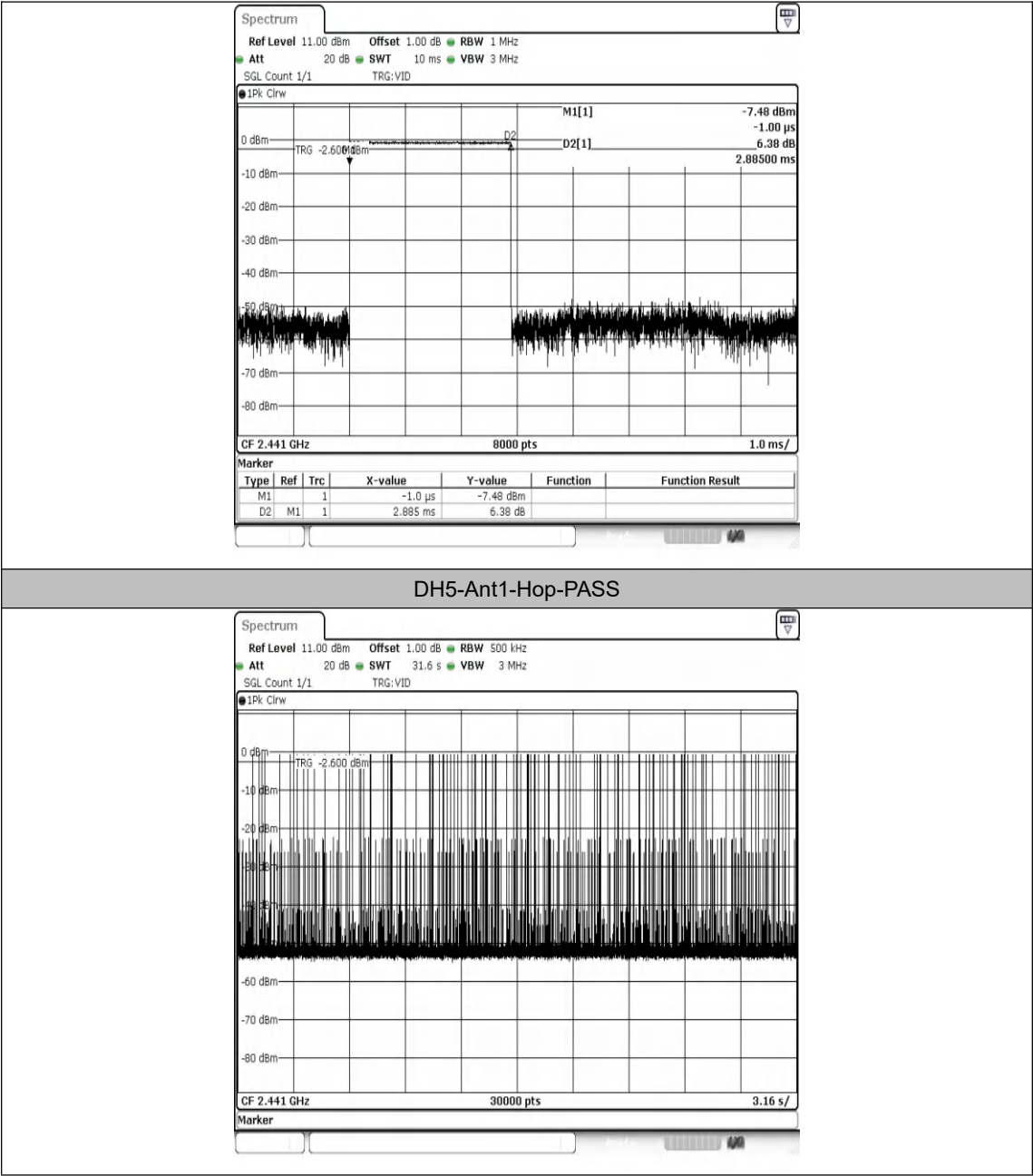
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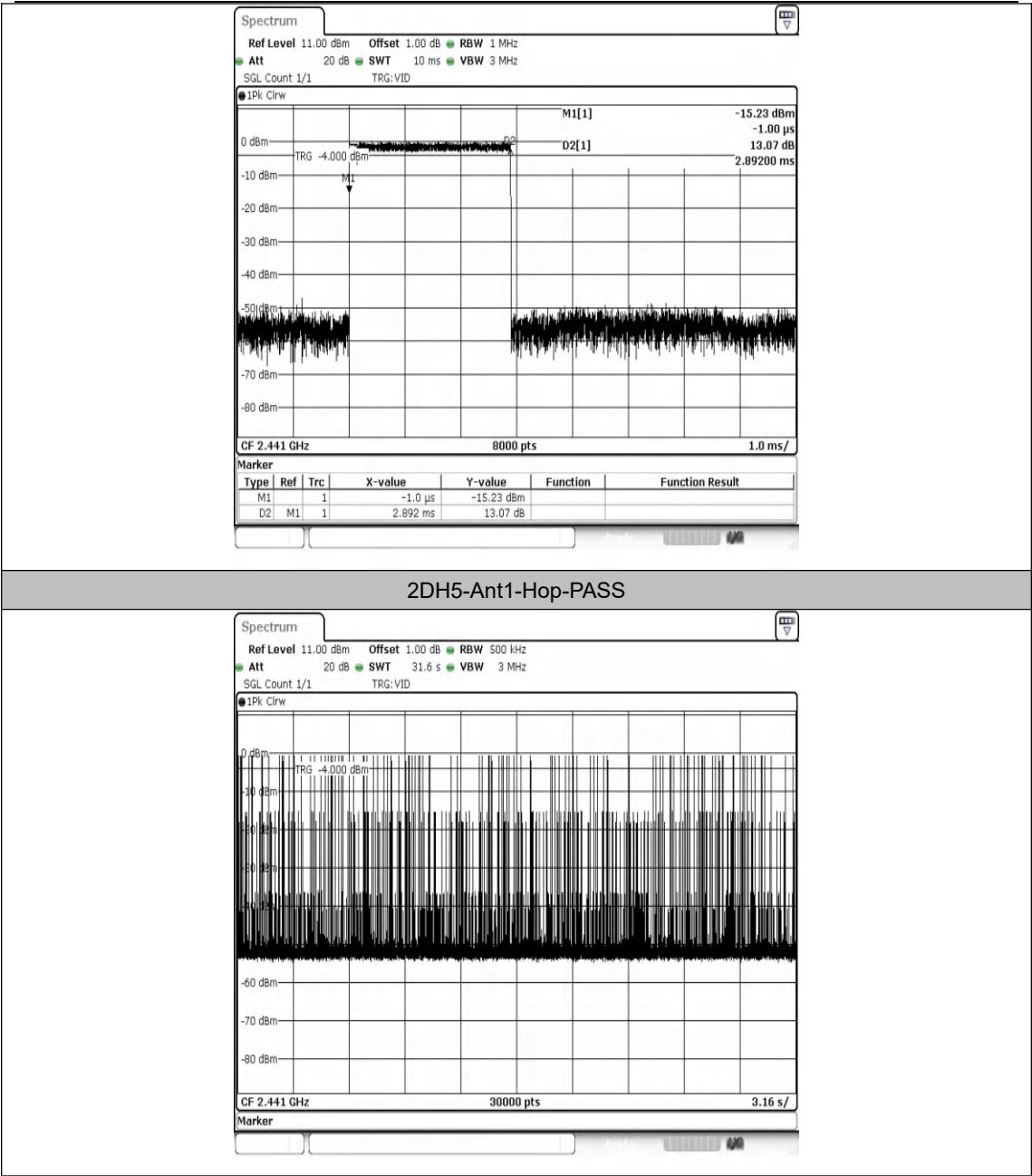
Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.885	112	0.323	≤0.4	PASS
2DH5	Ant1	Hop	2.892	112	0.324	≤0.4	PASS
3DH5	Ant1	Hop	2.893	120	0.347	≤0.4	PASS

Test Graphs

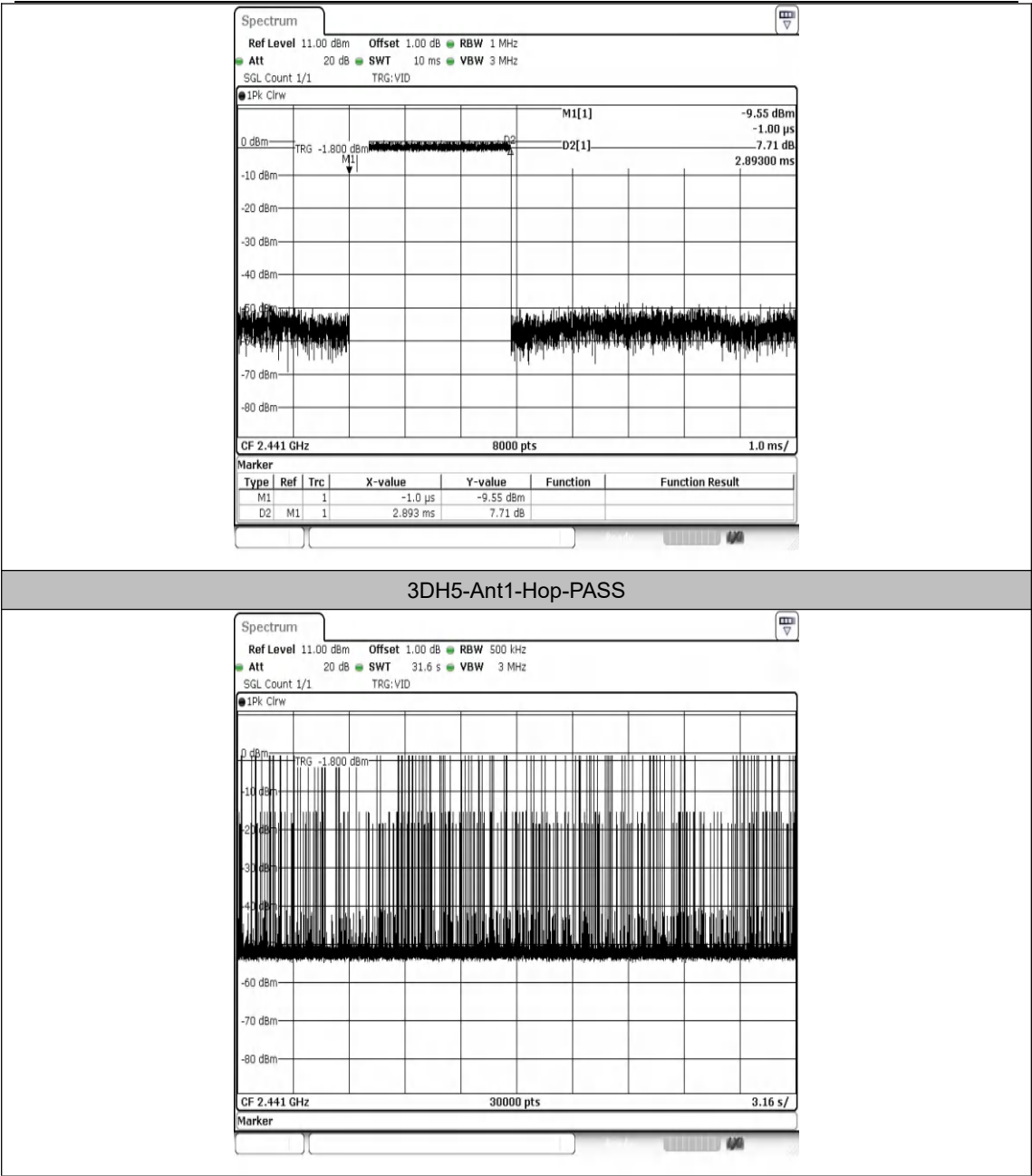




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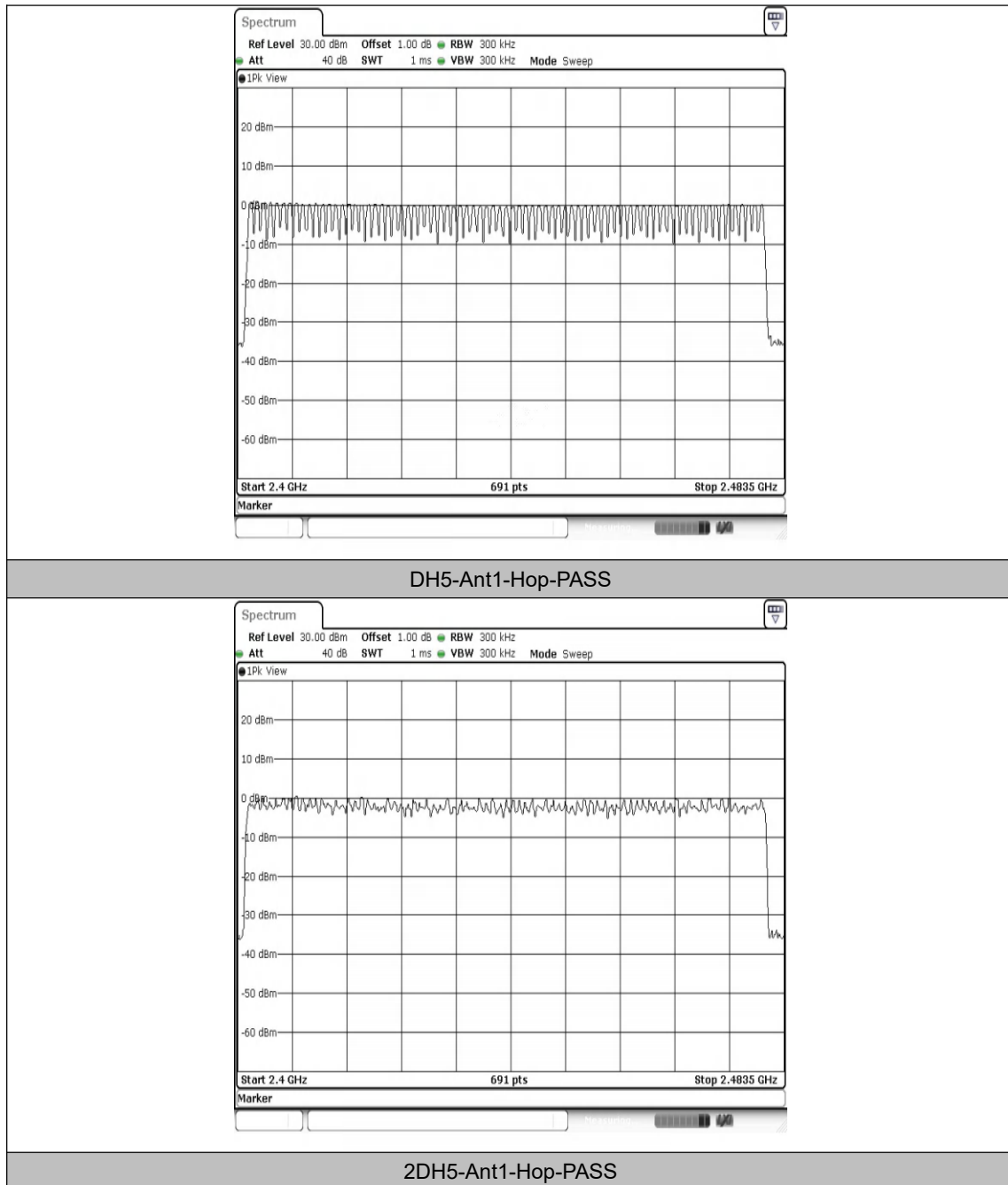
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Appendix F: Number of Hopping Channel

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

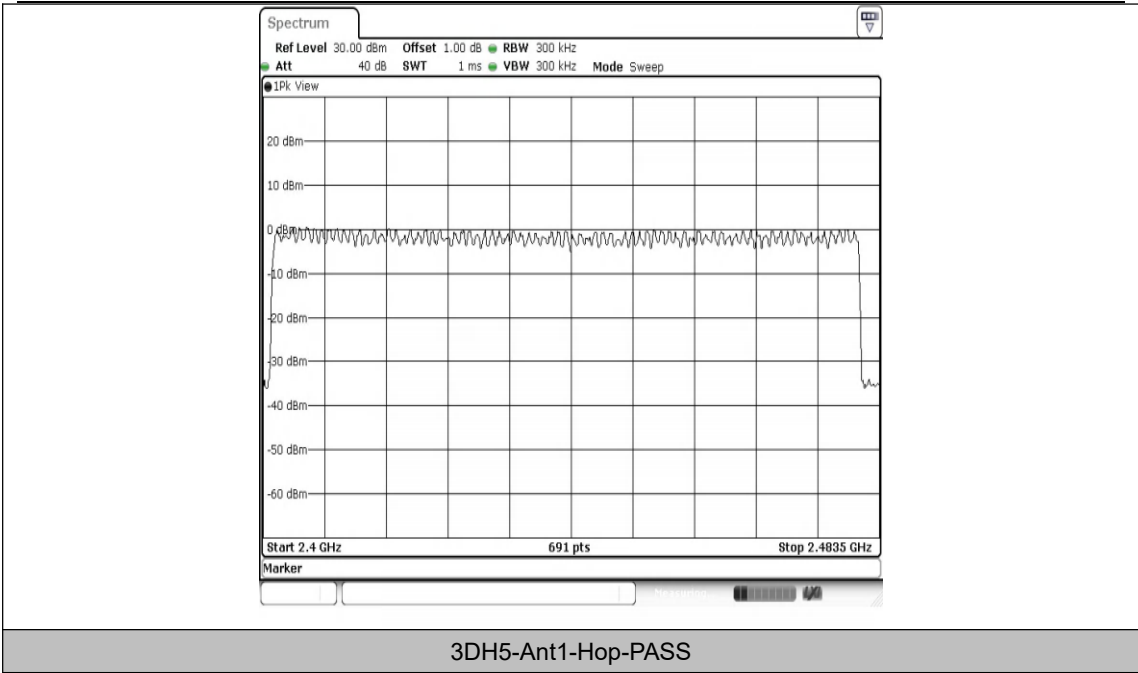
Test Graphs



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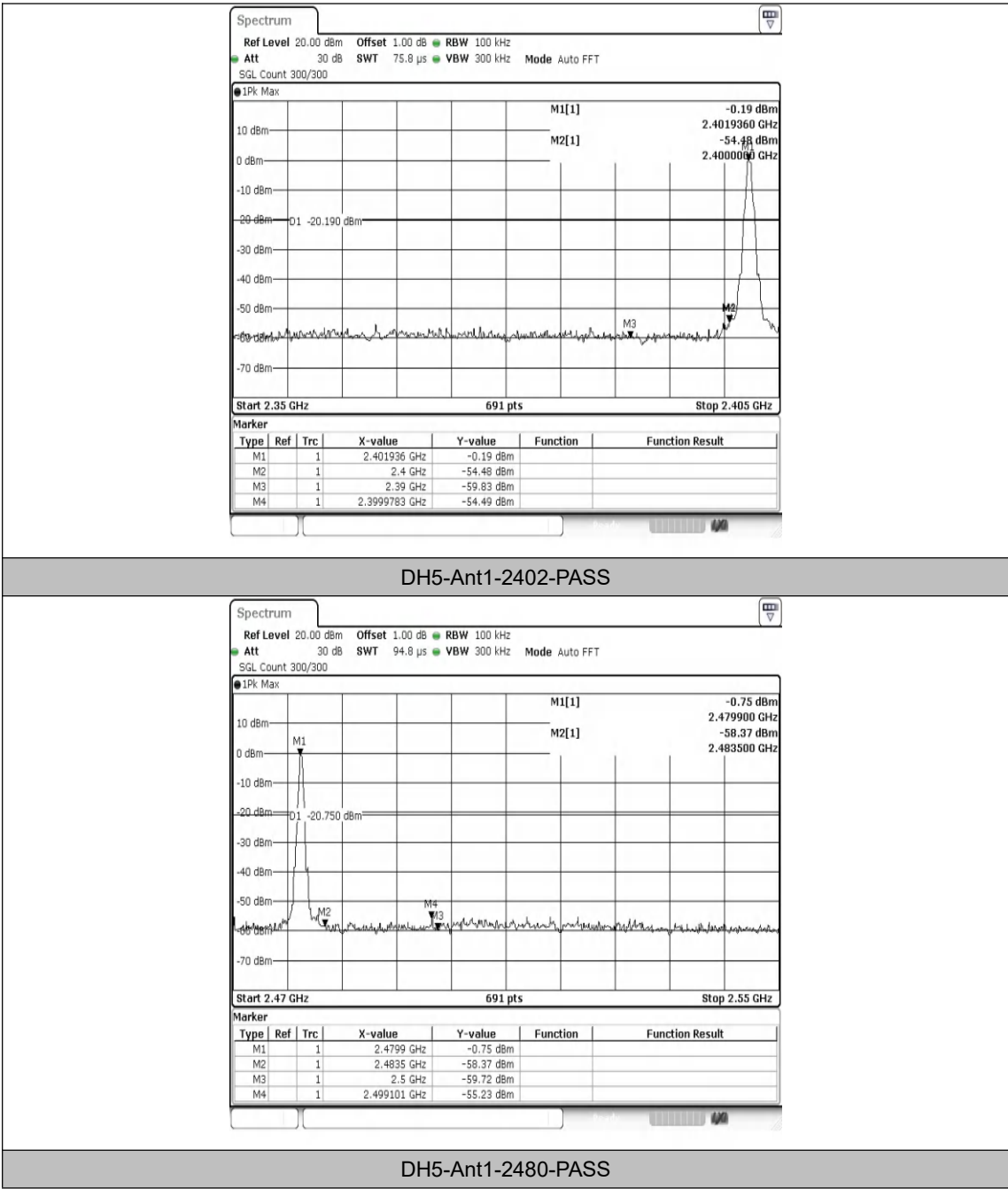
Appendix G: Conducted Band edge

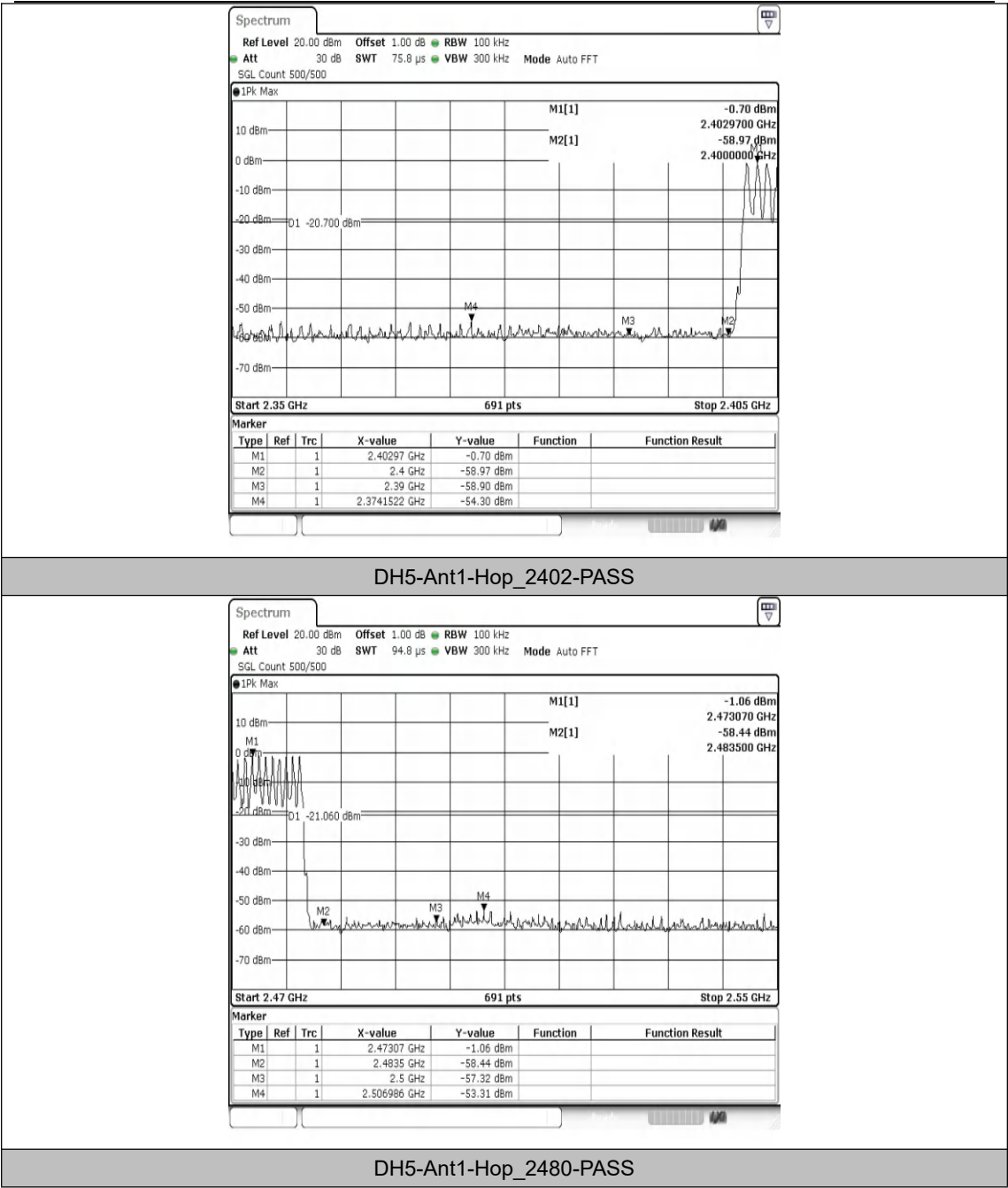
Test Result

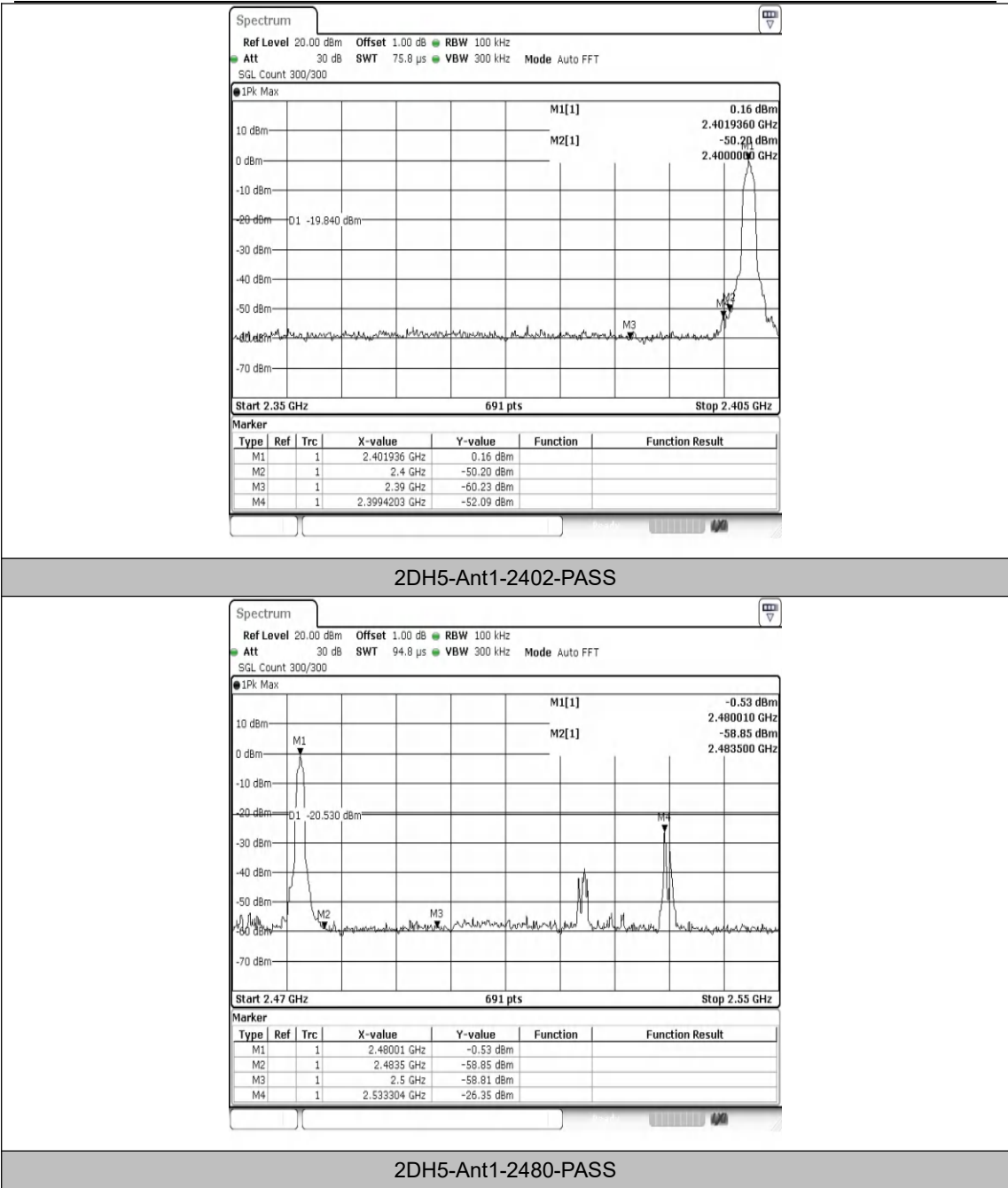
Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.19	-54.49	≤-20.19	PASS
DH5	Ant1	High	2480	-0.75	-55.23	≤-20.75	PASS
DH5	Ant1	Low	Hop_2402	-0.70	-54.3	≤-20.7	PASS
DH5	Ant1	High	Hop_2480	-1.06	-53.31	≤-21.06	PASS
2DH5	Ant1	Low	2402	0.16	-52.09	≤-19.84	PASS
2DH5	Ant1	High	2480	-0.53	-26.35	≤-20.53	PASS
2DH5	Ant1	Low	Hop_2402	-0.11	-56.34	≤-20.11	PASS
2DH5	Ant1	High	Hop_2480	-0.38	-37.76	≤-20.38	PASS
3DH5	Ant1	Low	2402	-0.01	-50.69	≤-20.01	PASS
3DH5	Ant1	High	2480	-0.45	-55.31	≤-20.45	PASS
3DH5	Ant1	Low	Hop_2402	-0.09	-56.05	≤-20.09	PASS
3DH5	Ant1	High	Hop_2480	-0.55	-53.96	≤-20.55	PASS

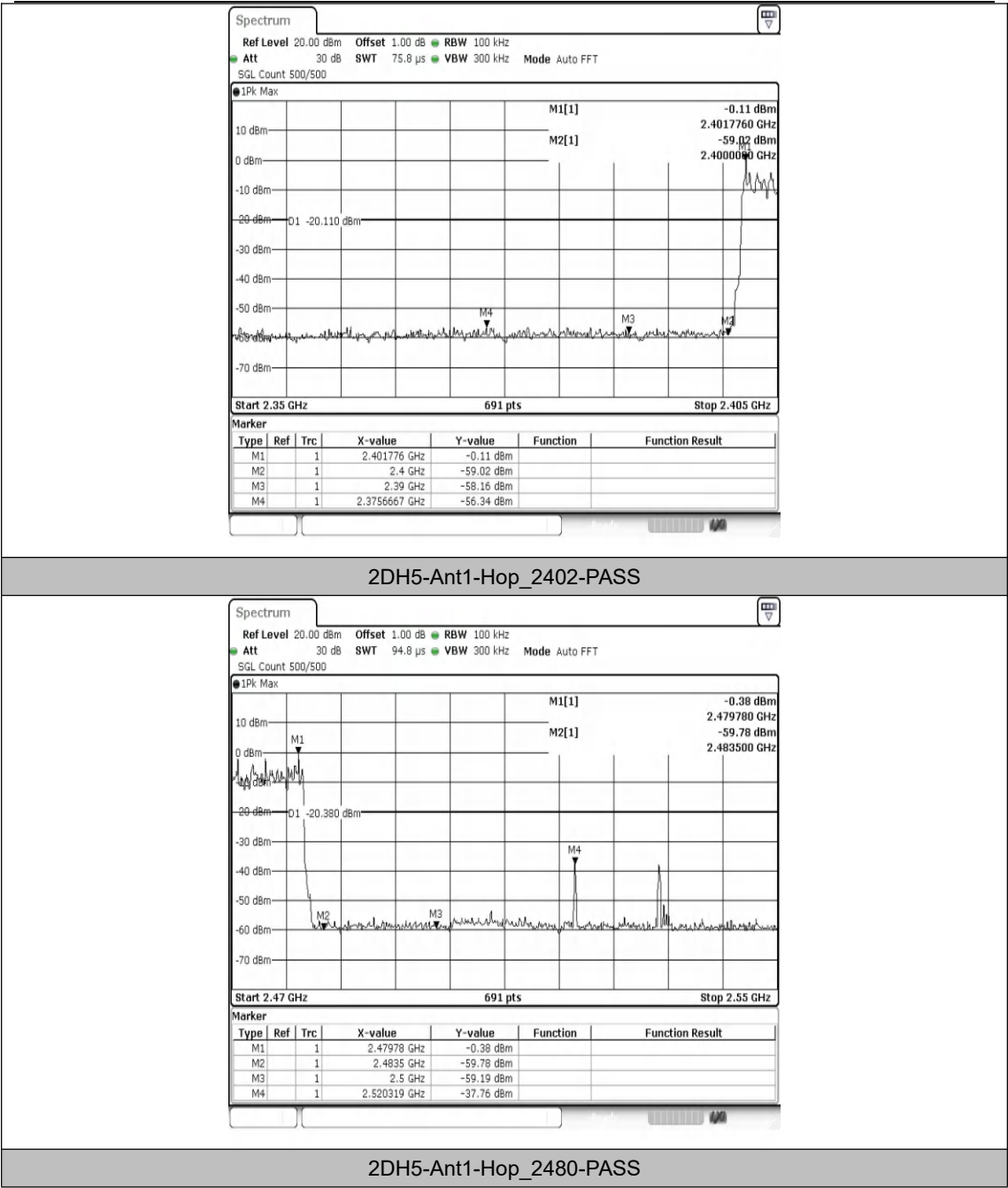
Remark:1. Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'offset' of the Spectrum Analyzer during the test.

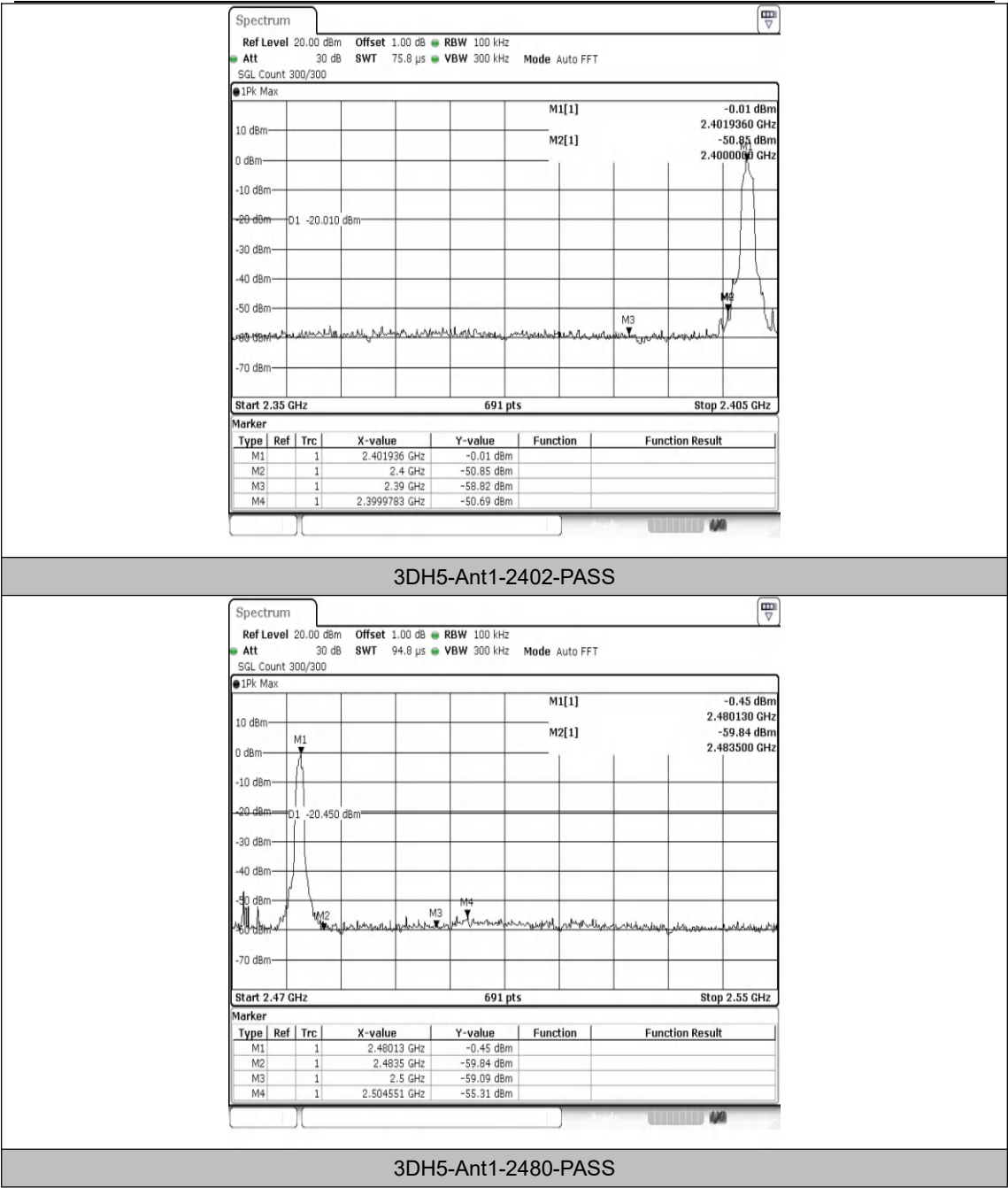
Test Graphs

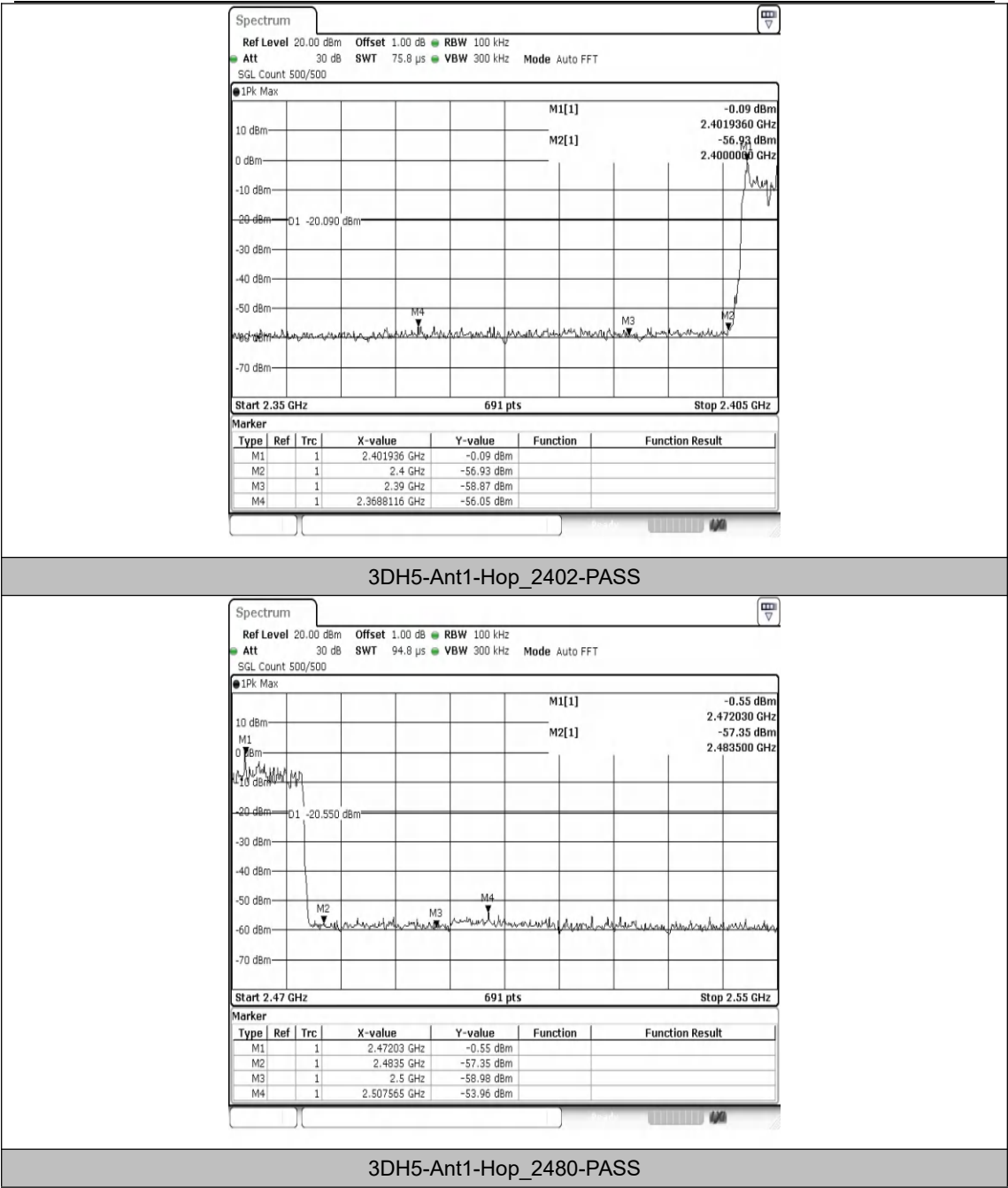












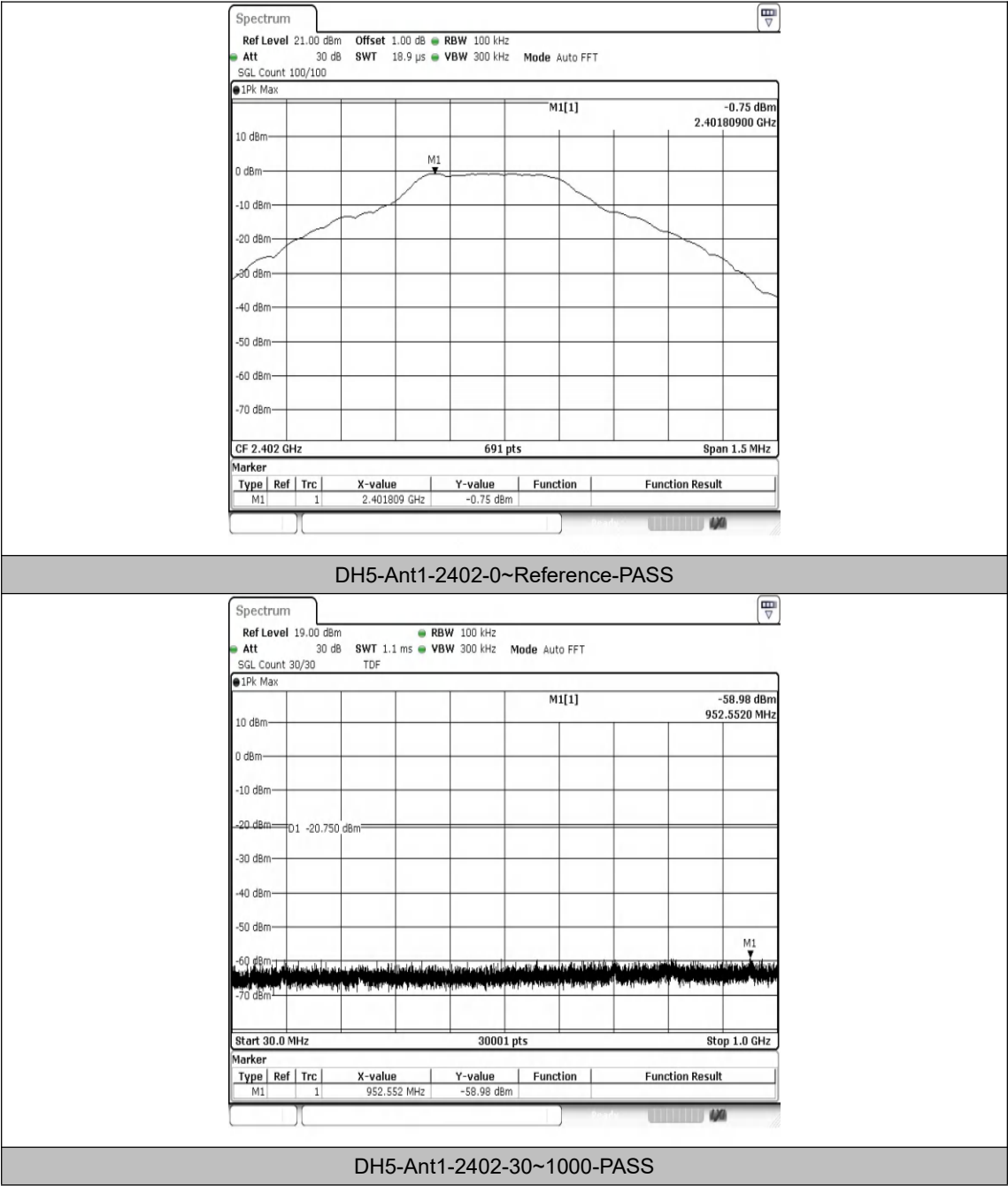
Appendix H: Conducted Spurious Emission

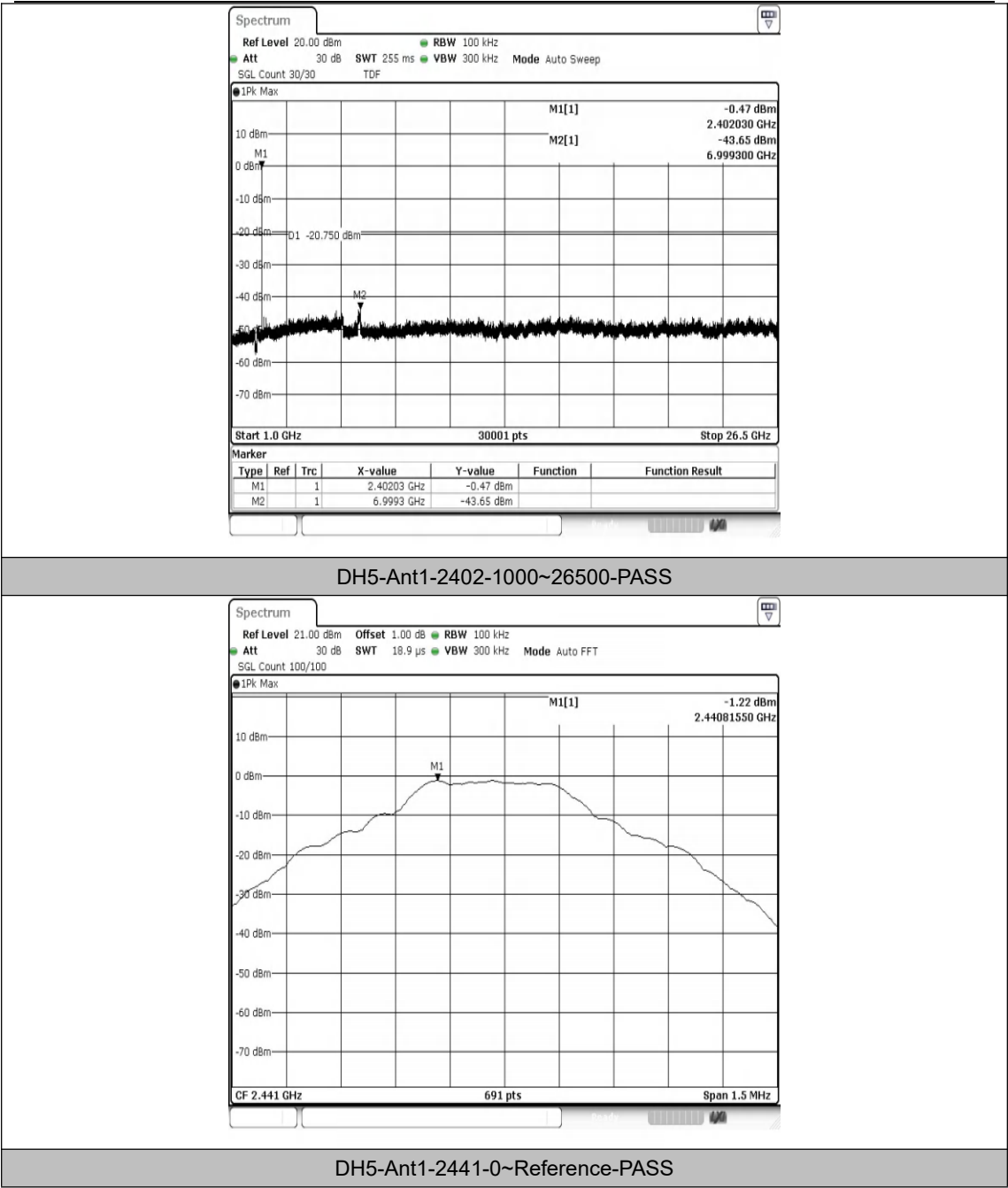
Test Result

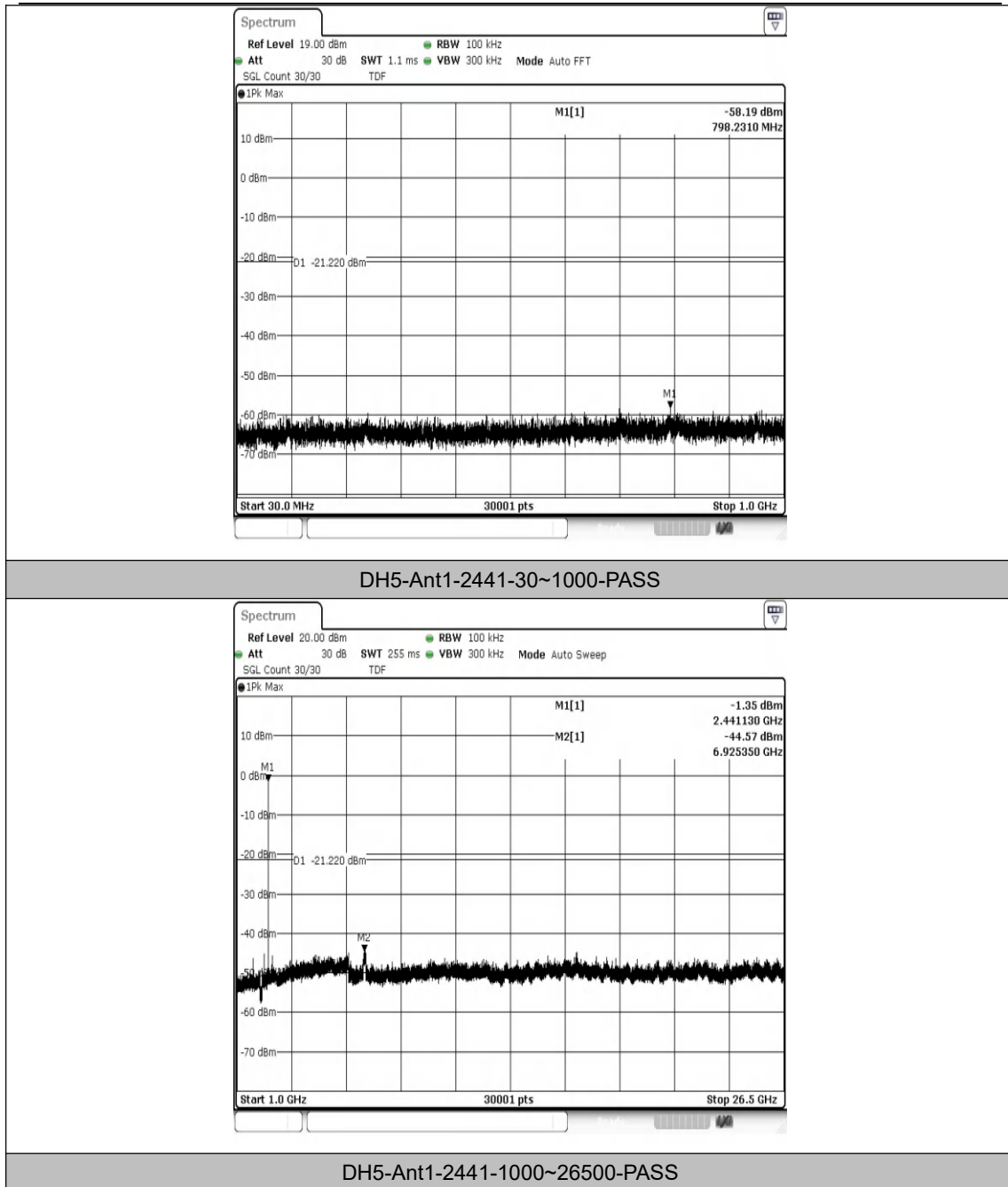
Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-0.75	-0.75	---	PASS
DH5	Ant1	2402	30~1000	-0.75	-58.98	≤-20.75	PASS
DH5	Ant1	2402	1000~26500	-0.75	-43.65	≤-20.75	PASS
DH5	Ant1	2441	0~Reference	-1.22	-1.22	---	PASS
DH5	Ant1	2441	30~1000	-1.22	-58.19	≤-21.22	PASS
DH5	Ant1	2441	1000~26500	-1.22	-44.57	≤-21.22	PASS
DH5	Ant1	2480	0~Reference	-1.06	-1.06	---	PASS
DH5	Ant1	2480	30~1000	-1.06	-58.54	≤-21.06	PASS
DH5	Ant1	2480	1000~26500	-1.06	-43.42	≤-21.06	PASS
2DH5	Ant1	2402	0~Reference	-1.90	-1.90	---	PASS
2DH5	Ant1	2402	30~1000	-1.90	-58.95	≤-21.9	PASS
2DH5	Ant1	2402	1000~26500	-1.90	-44.35	≤-21.9	PASS
2DH5	Ant1	2441	0~Reference	-1.18	-1.18	---	PASS
2DH5	Ant1	2441	30~1000	-1.18	-57.6	≤-21.18	PASS
2DH5	Ant1	2441	1000~26500	-1.18	-43.75	≤-21.18	PASS
2DH5	Ant1	2480	0~Reference	-0.69	-0.69	---	PASS
2DH5	Ant1	2480	30~1000	-0.69	-58.07	≤-20.69	PASS
2DH5	Ant1	2480	1000~26500	-0.69	-38.73	≤-20.69	PASS
3DH5	Ant1	2402	0~Reference	-0.37	-0.37	---	PASS
3DH5	Ant1	2402	30~1000	-0.37	-58.69	≤-20.37	PASS
3DH5	Ant1	2402	1000~26500	-0.37	-43.88	≤-20.37	PASS
3DH5	Ant1	2441	0~Reference	-0.79	-0.79	---	PASS
3DH5	Ant1	2441	30~1000	-0.79	-57.74	≤-20.79	PASS
3DH5	Ant1	2441	1000~26500	-0.79	-43.55	≤-20.79	PASS
3DH5	Ant1	2480	0~Reference	-2.09	-2.09	---	PASS
3DH5	Ant1	2480	30~1000	-2.09	-57.79	≤-22.09	PASS
3DH5	Ant1	2480	1000~26500	-2.09	-44.49	≤-22.09	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



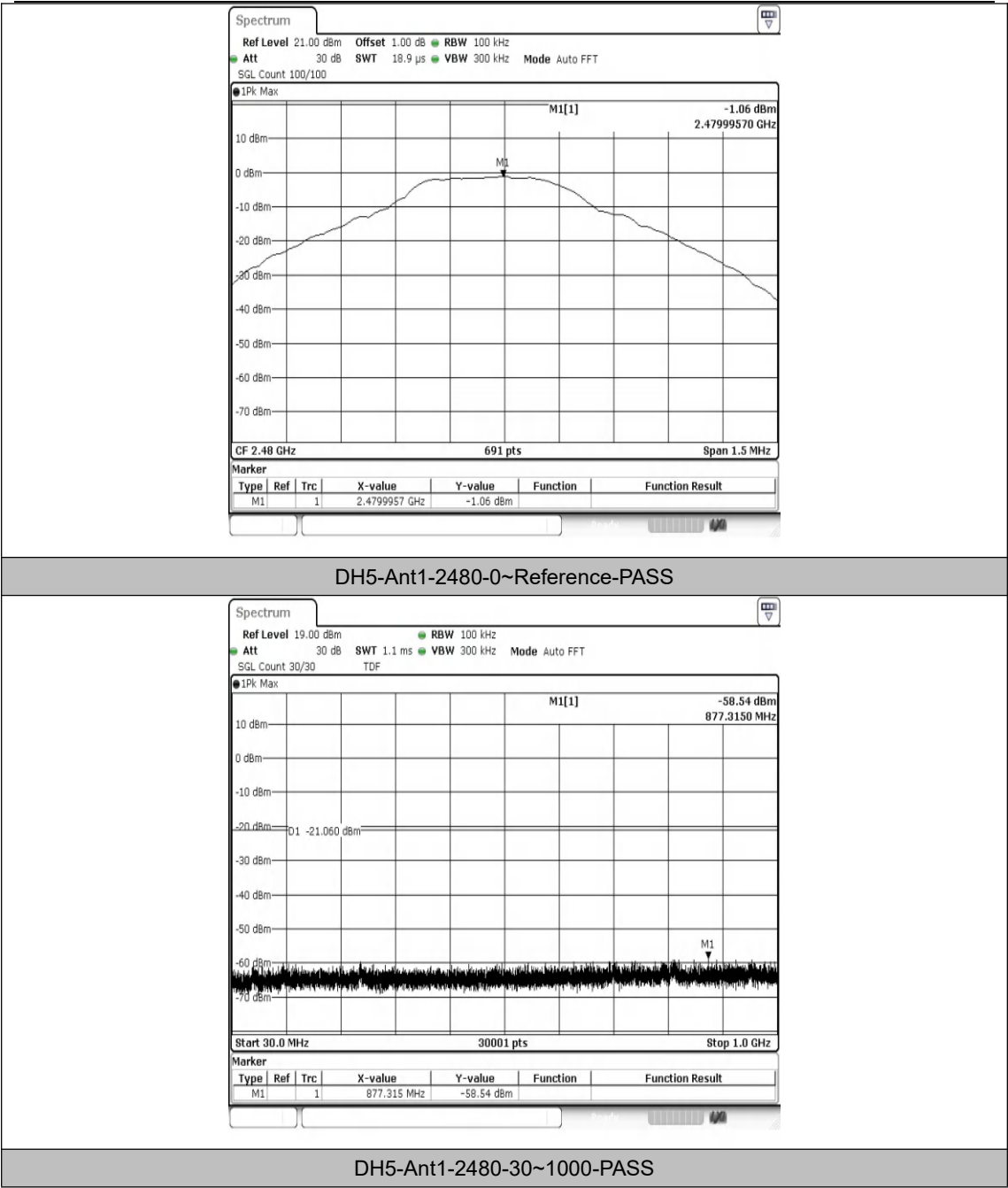


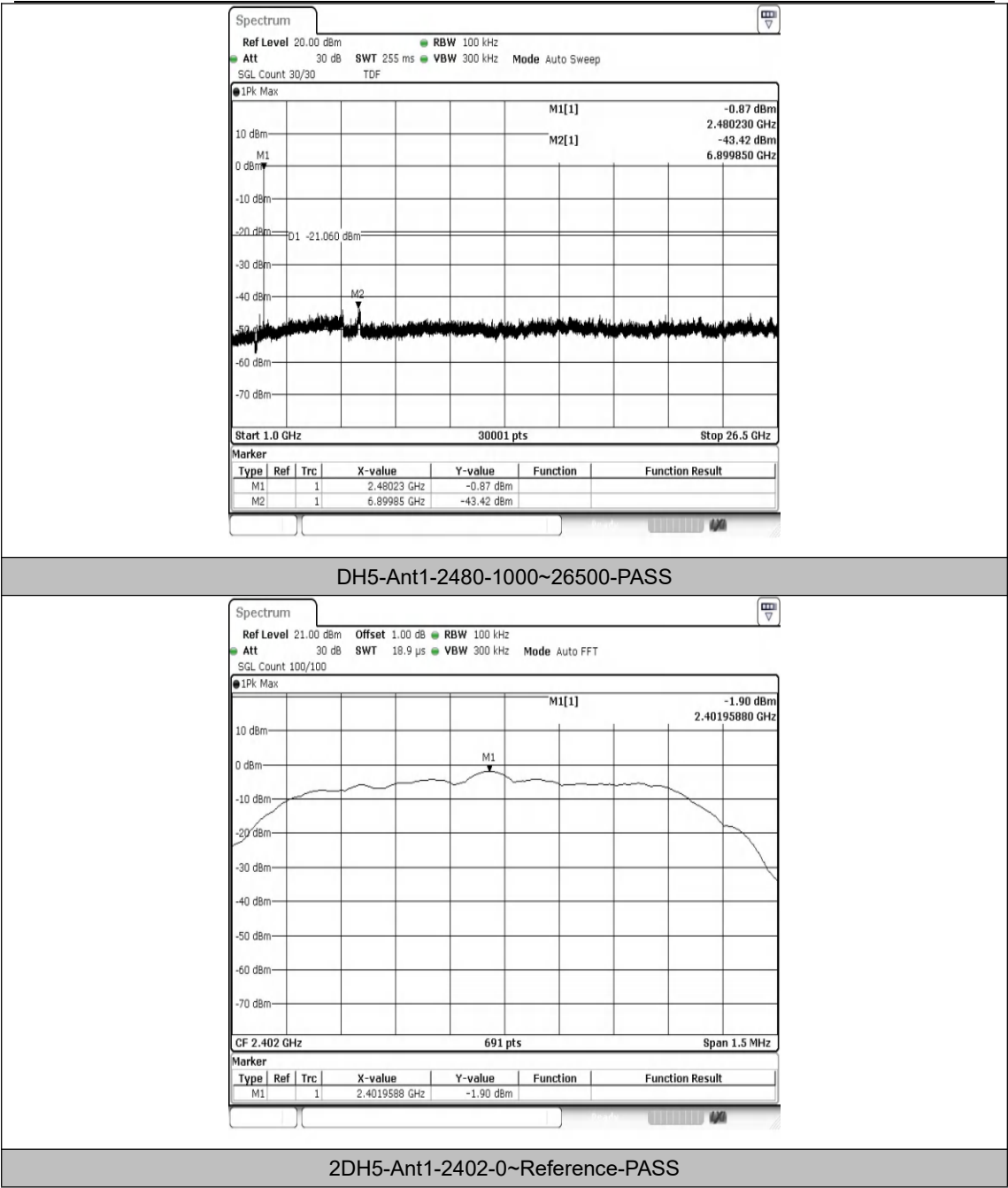


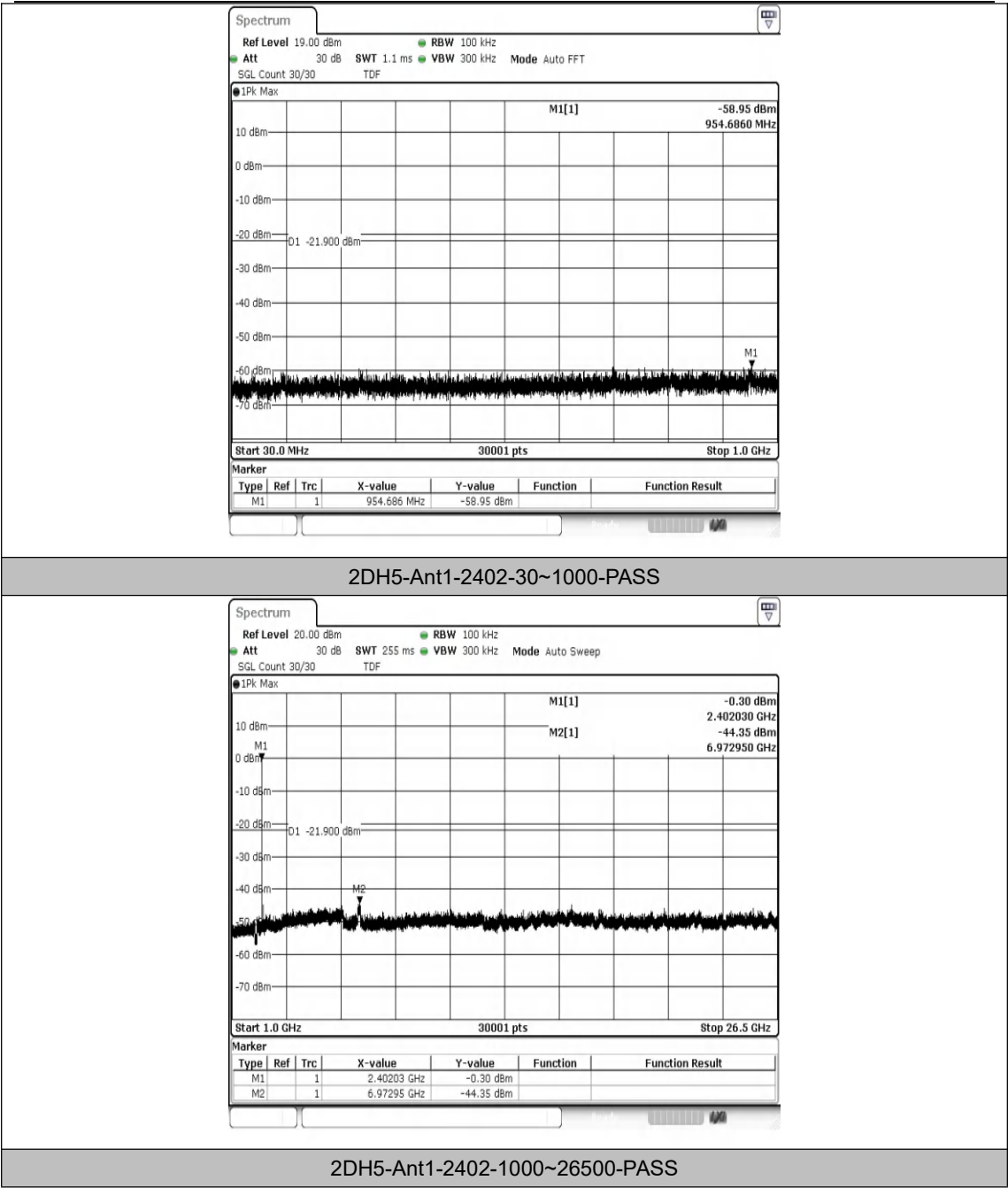
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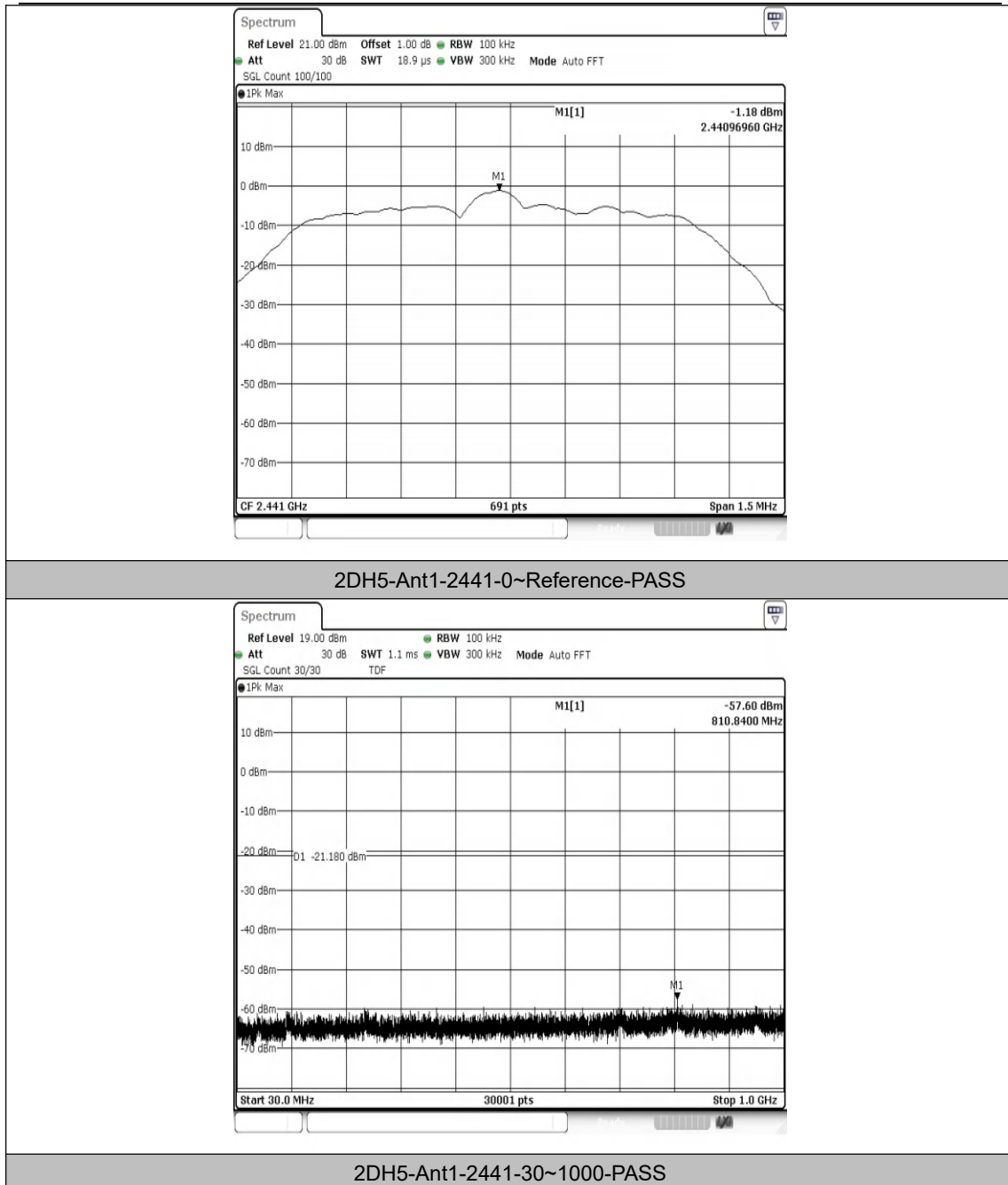
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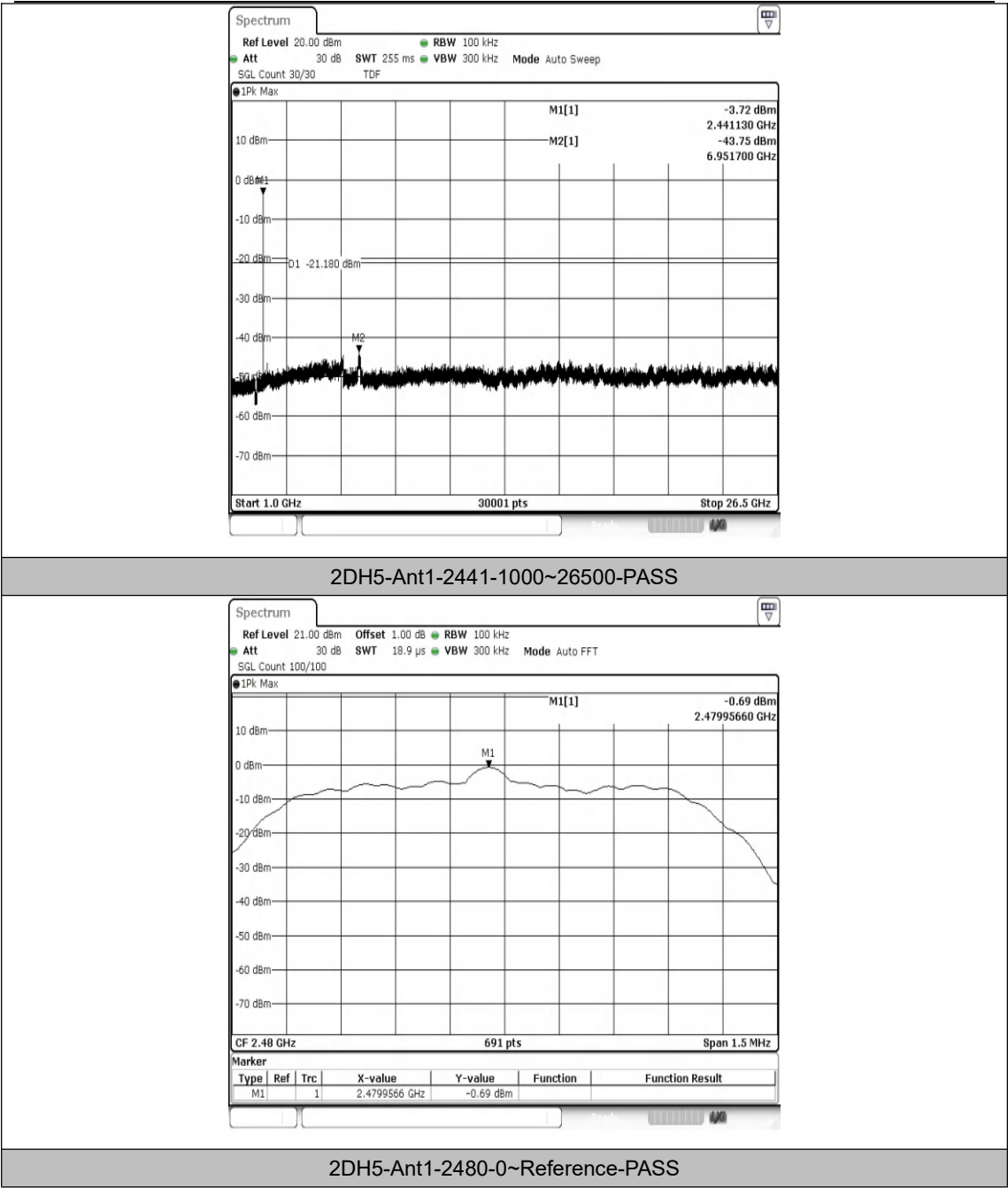


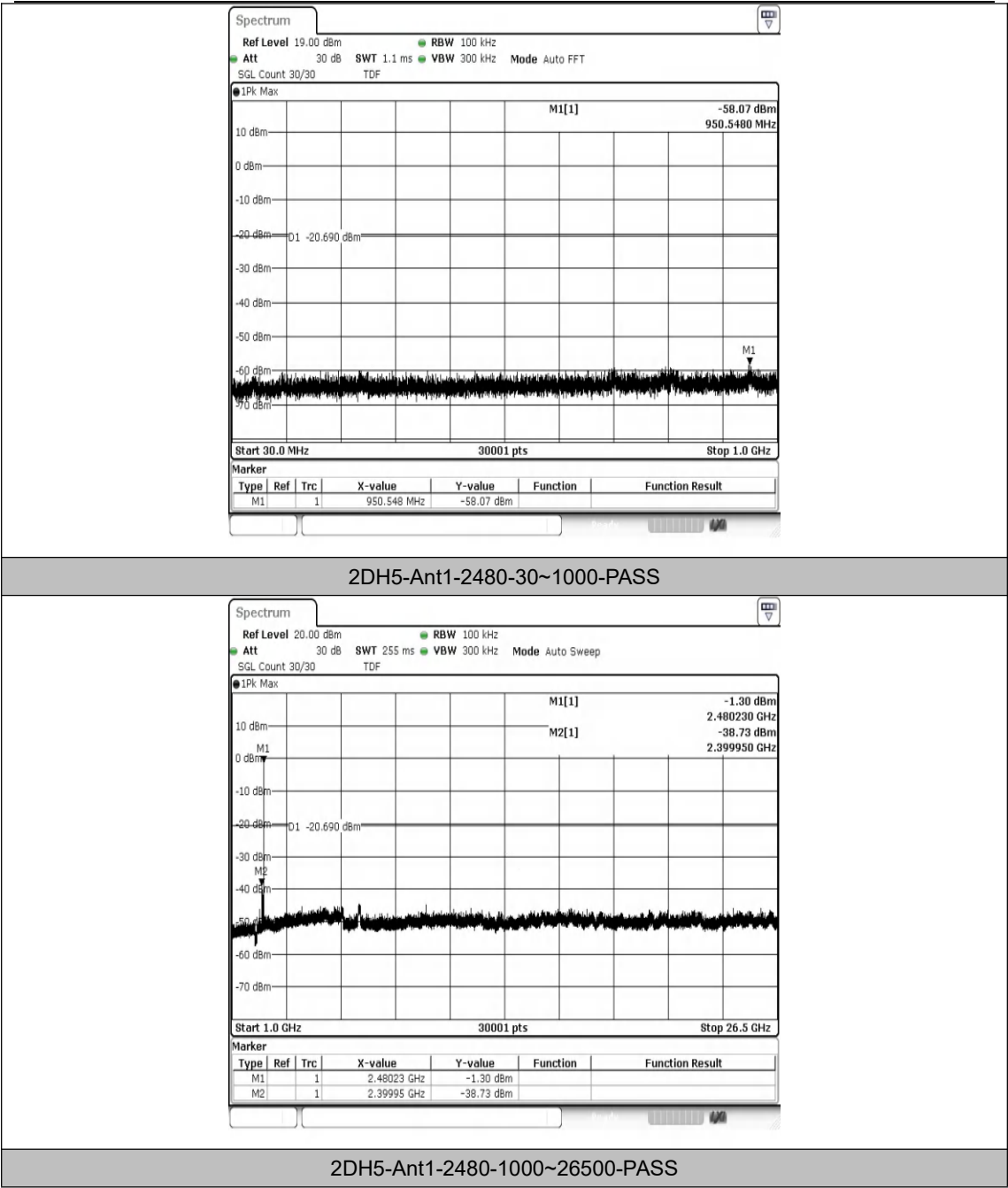


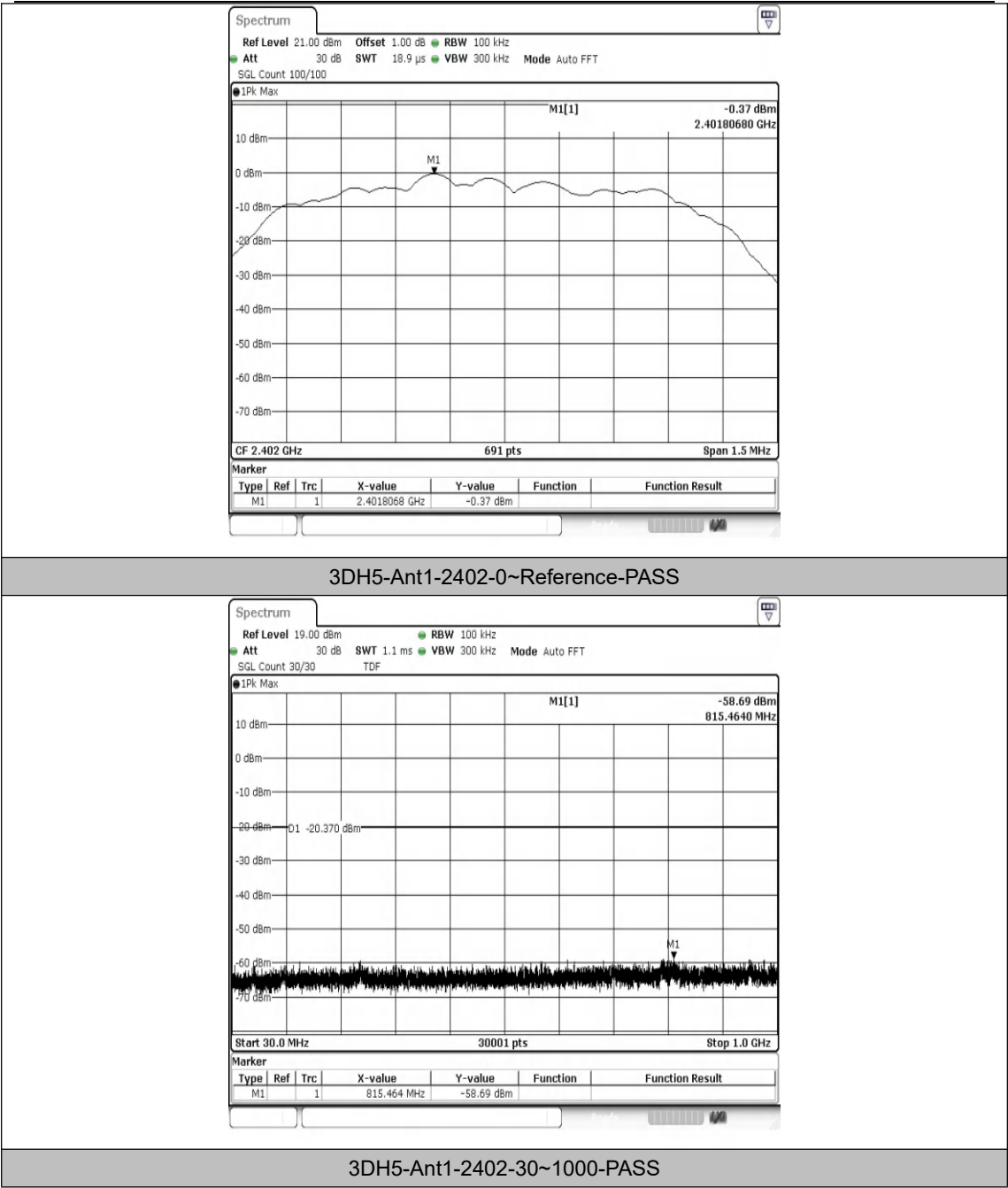
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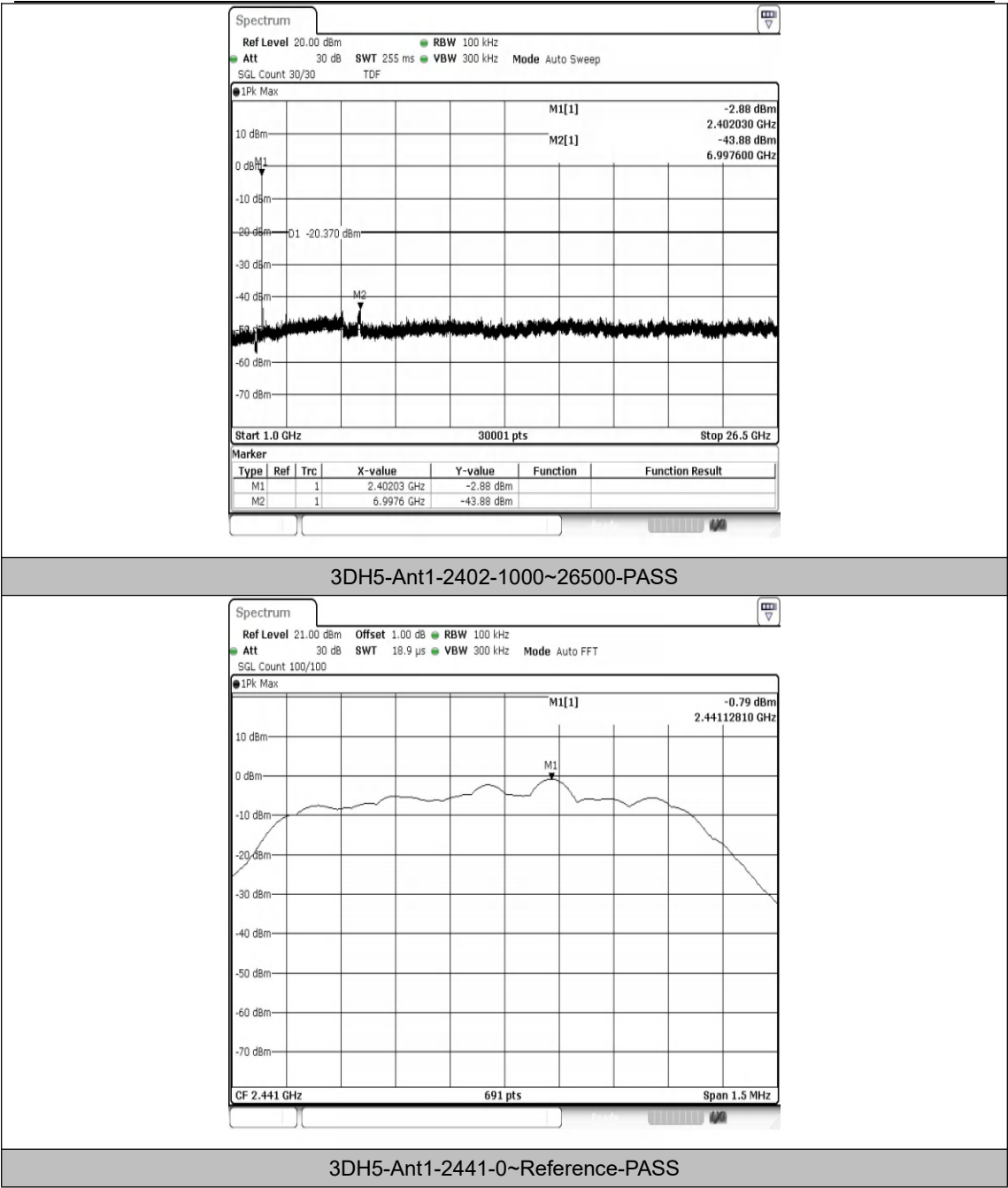
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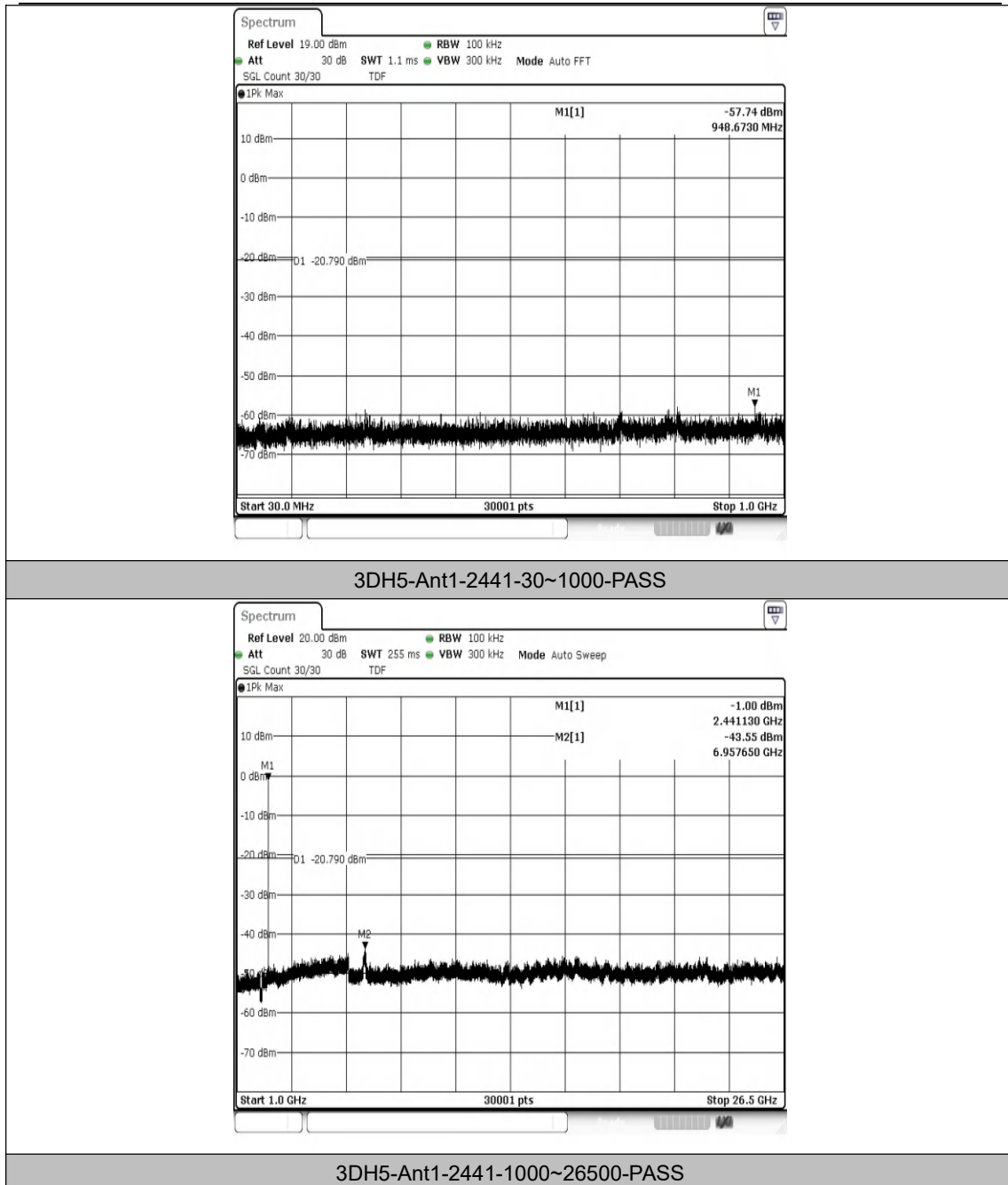
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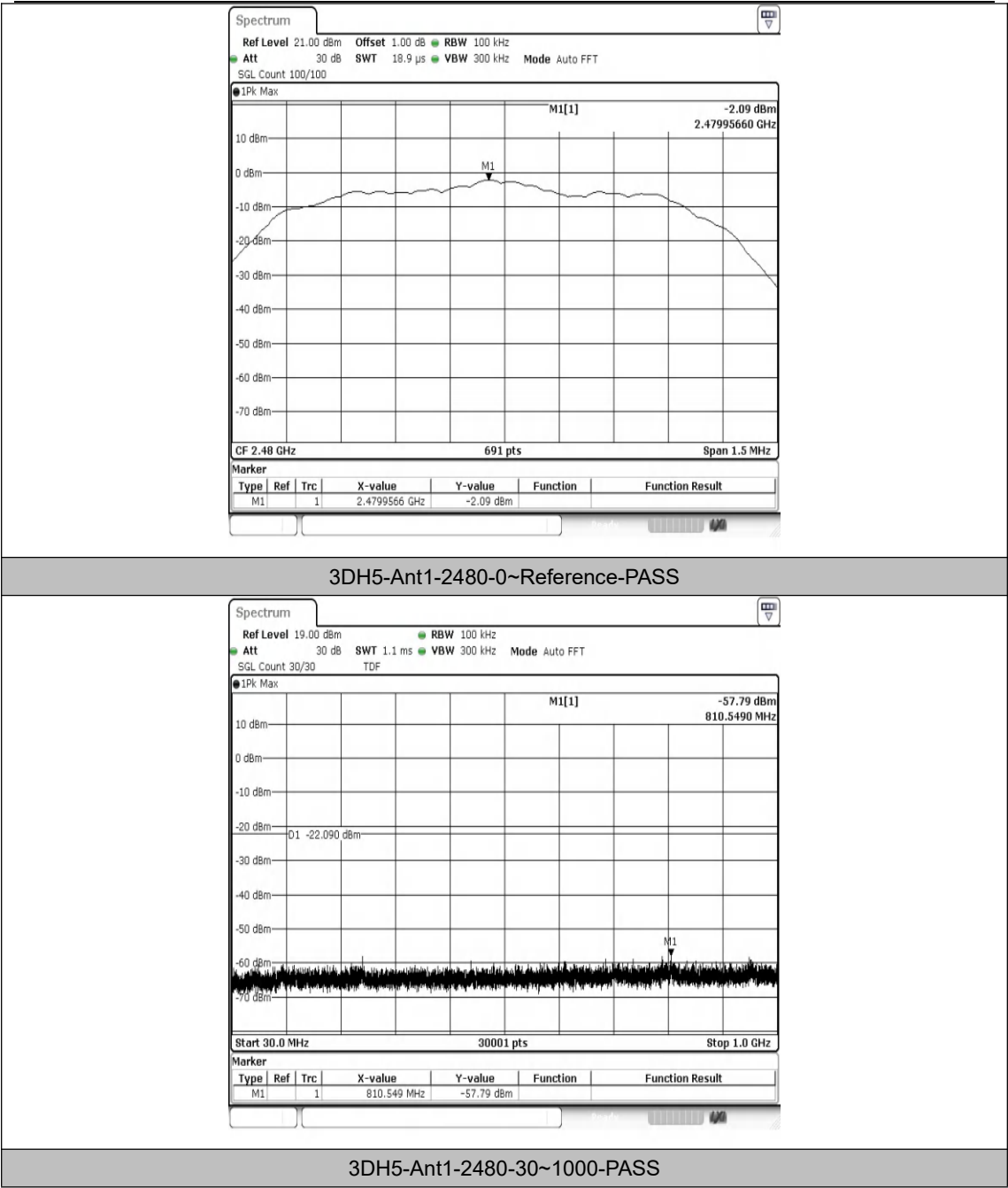


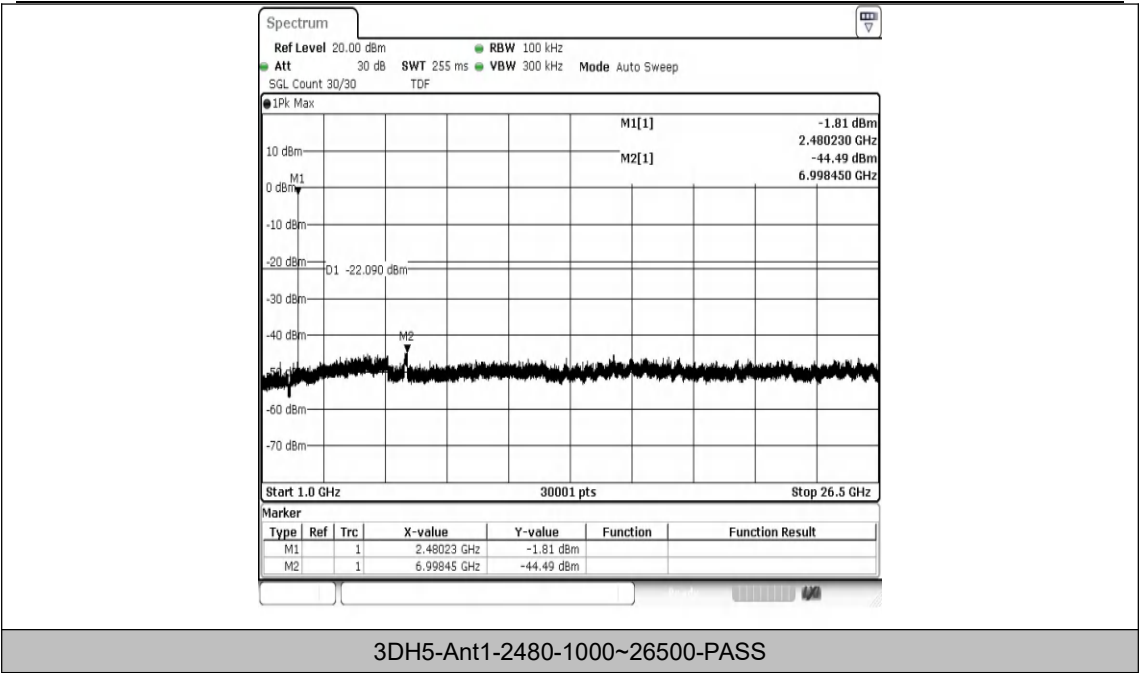


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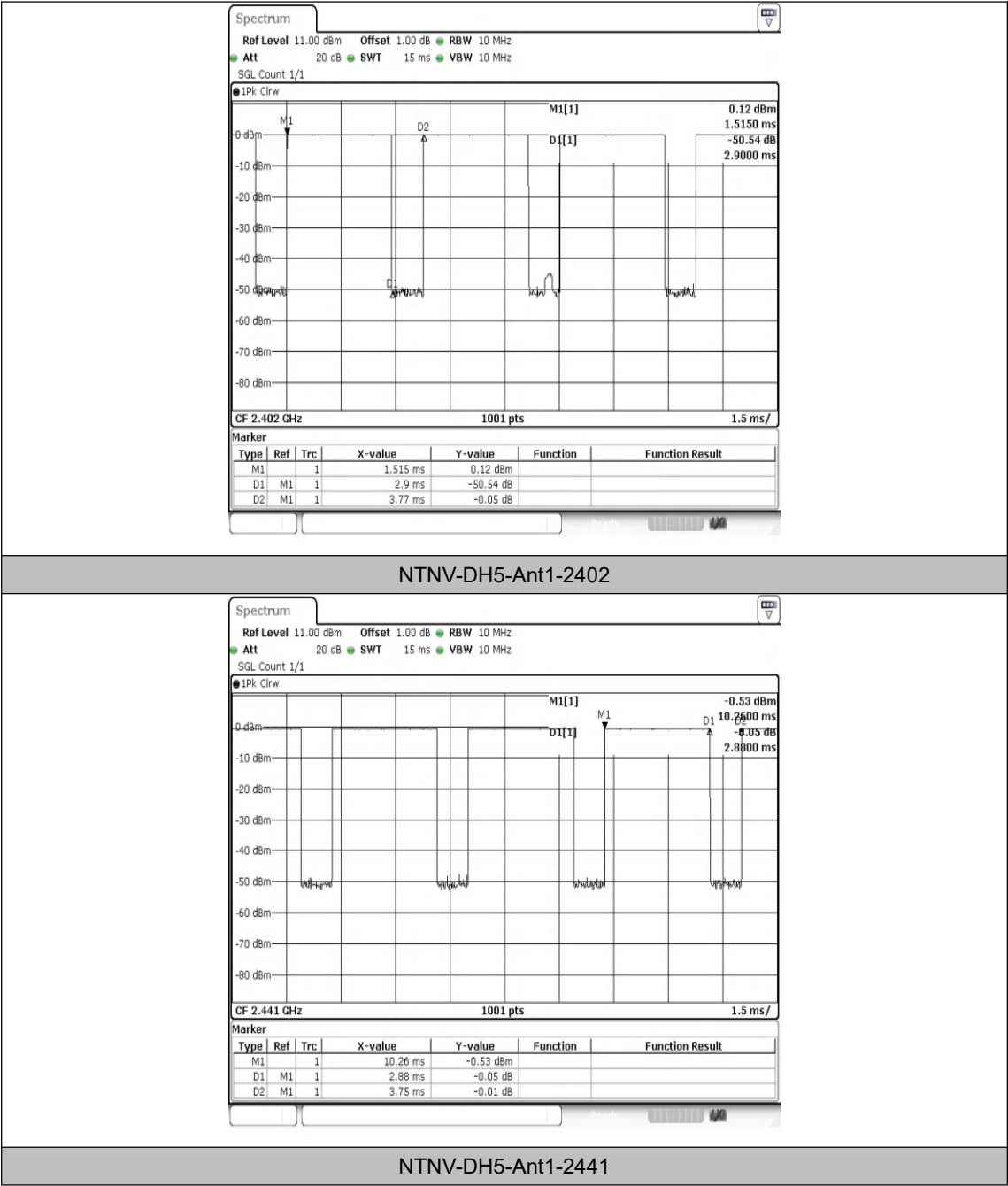
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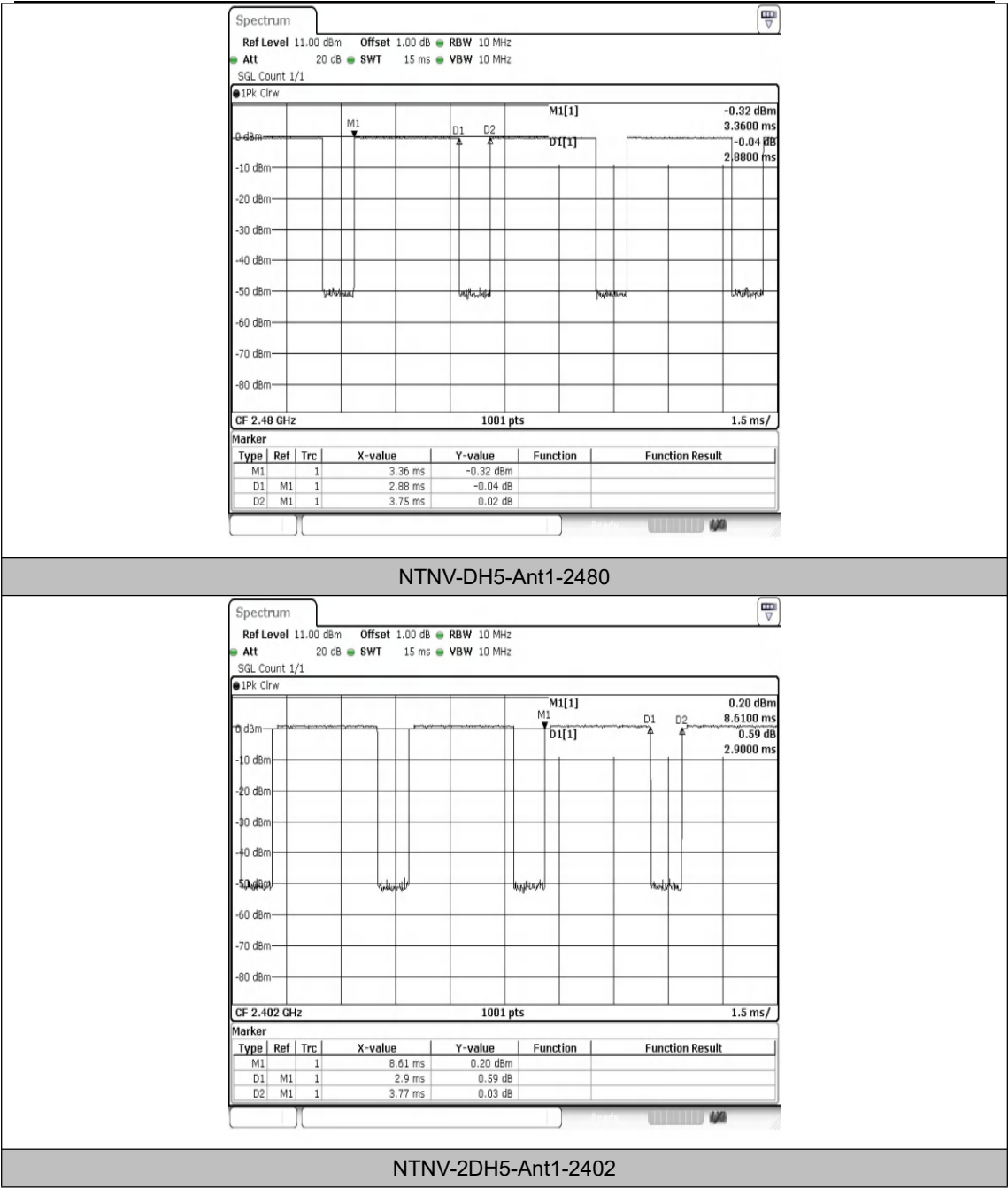
Appendix I: Duty Cycle

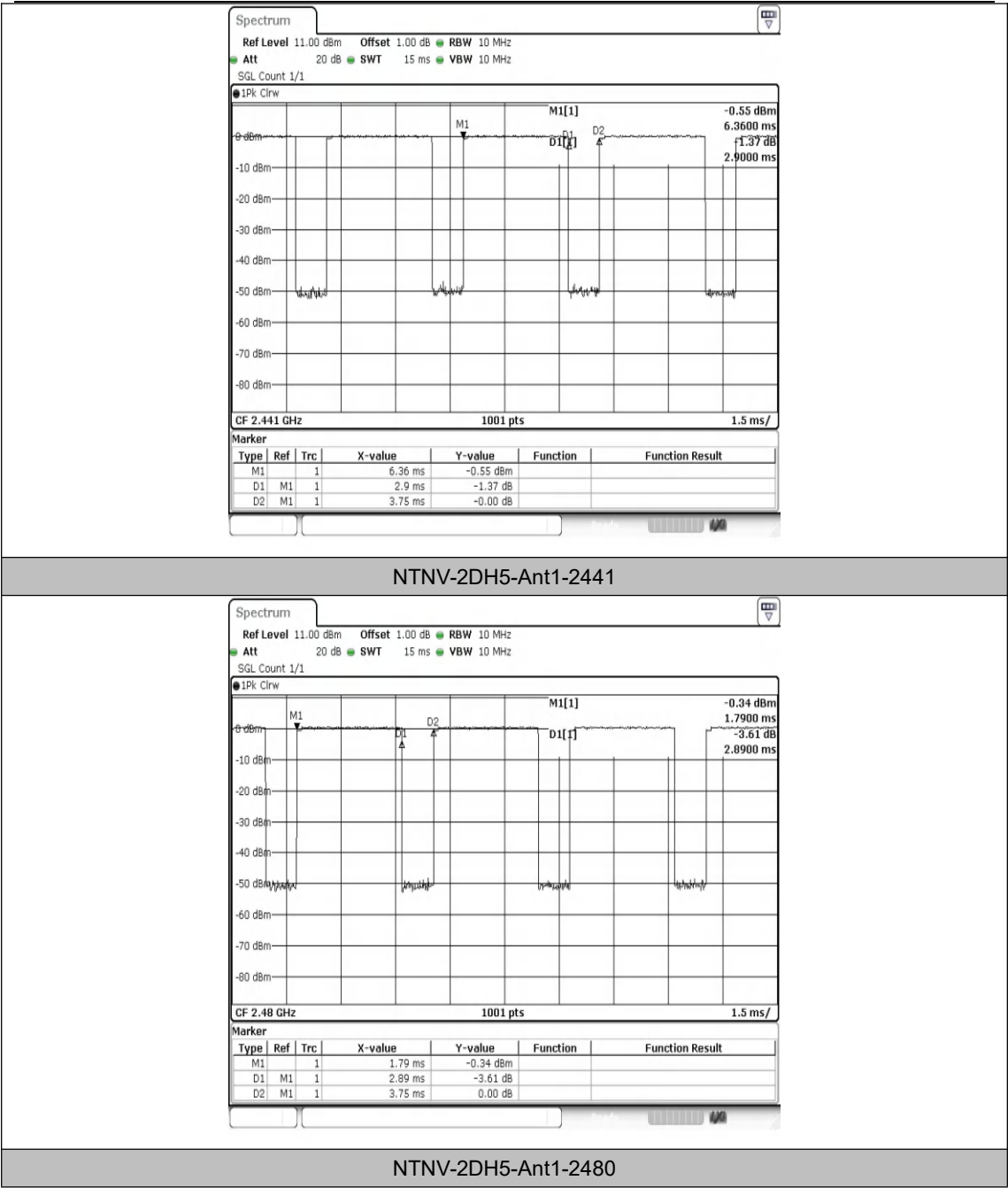
Test Result

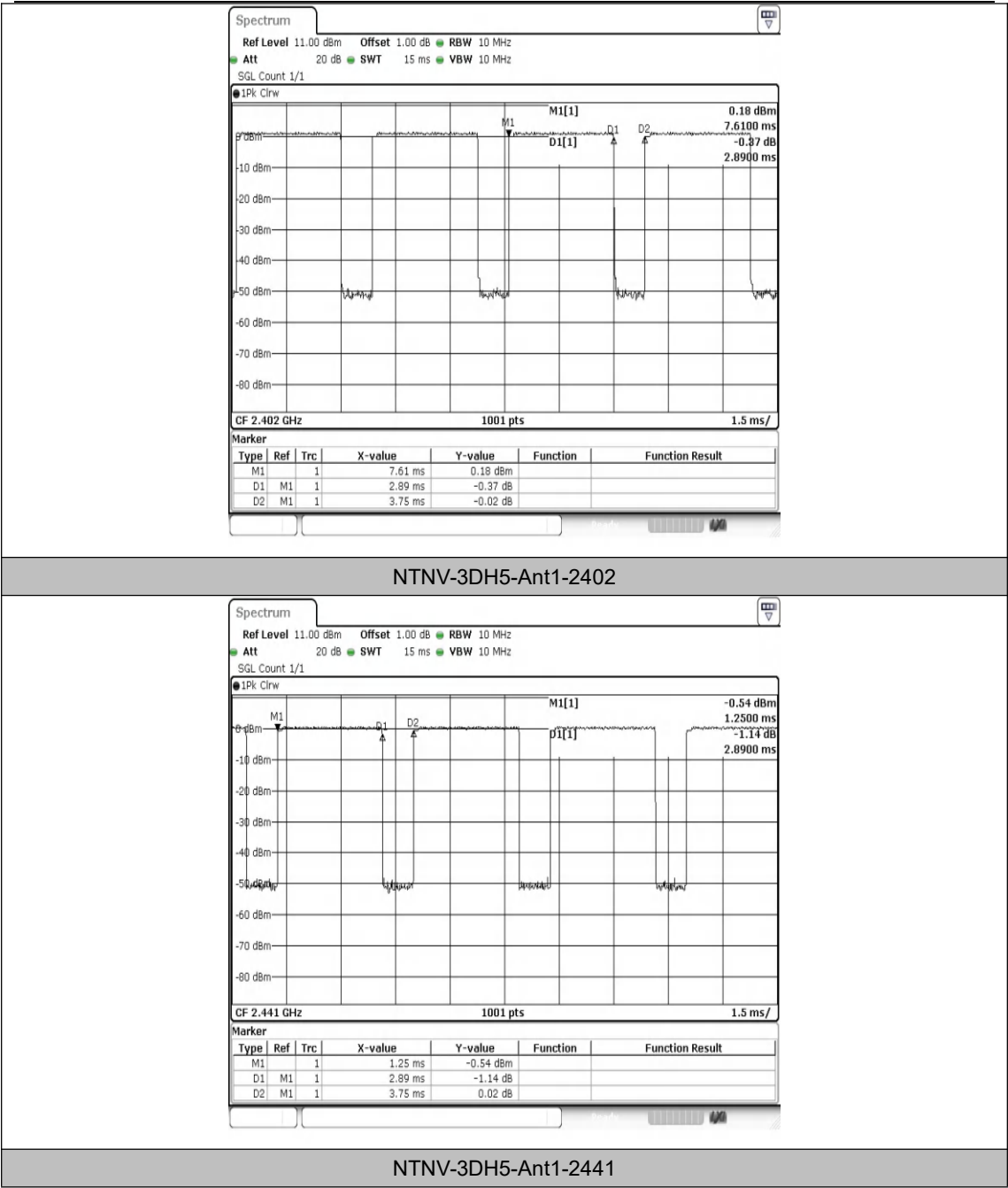
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.90	3.77	76.92	1.14
DH5	Ant1	2441	2.88	3.75	76.80	1.15
DH5	Ant1	2480	2.88	3.75	76.80	1.15
2DH5	Ant1	2402	2.90	3.77	76.92	1.14
2DH5	Ant1	2441	2.90	3.75	77.33	1.12
2DH5	Ant1	2480	2.89	3.75	77.07	1.13
3DH5	Ant1	2402	2.89	3.75	77.07	1.13
3DH5	Ant1	2441	2.89	3.75	77.07	1.13
3DH5	Ant1	2480	2.90	3.75	77.33	1.12

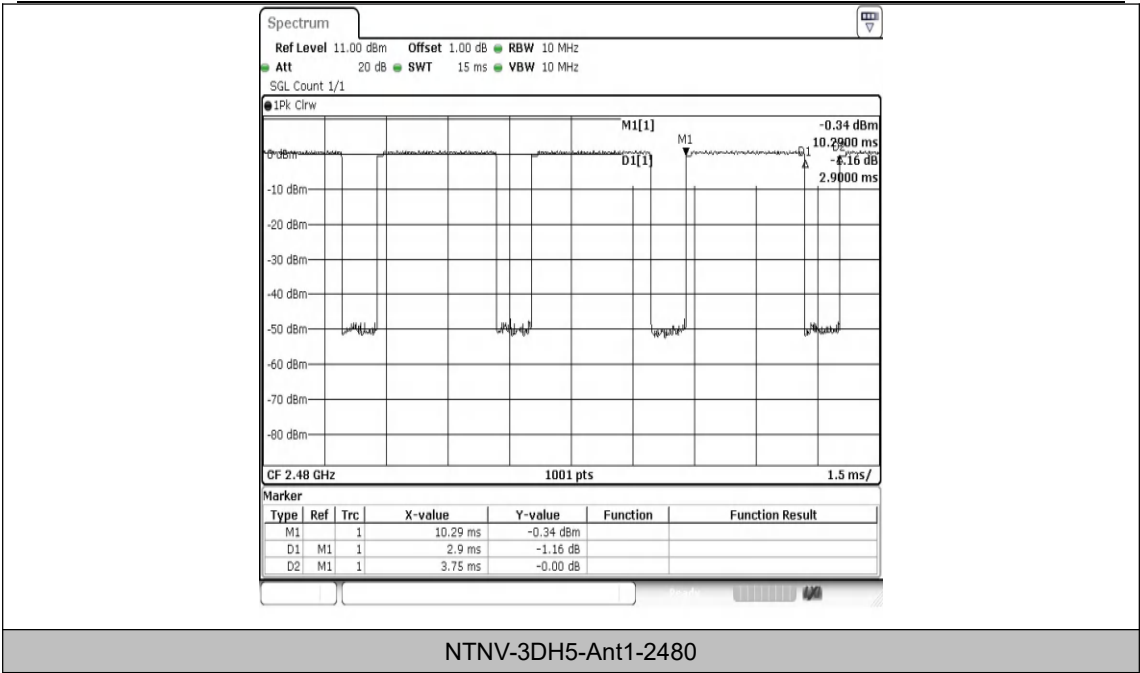
Test Graphs











---End---