

Appendix Test Data

Report No.:	1812C50225112501	Test Sample No.:	1-2-2
Start Test Date:	2025-5-14	Finish Test Date:	2025-5-21
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	26°C	Relative Humidity:	49%
Pressure:	101kPa		

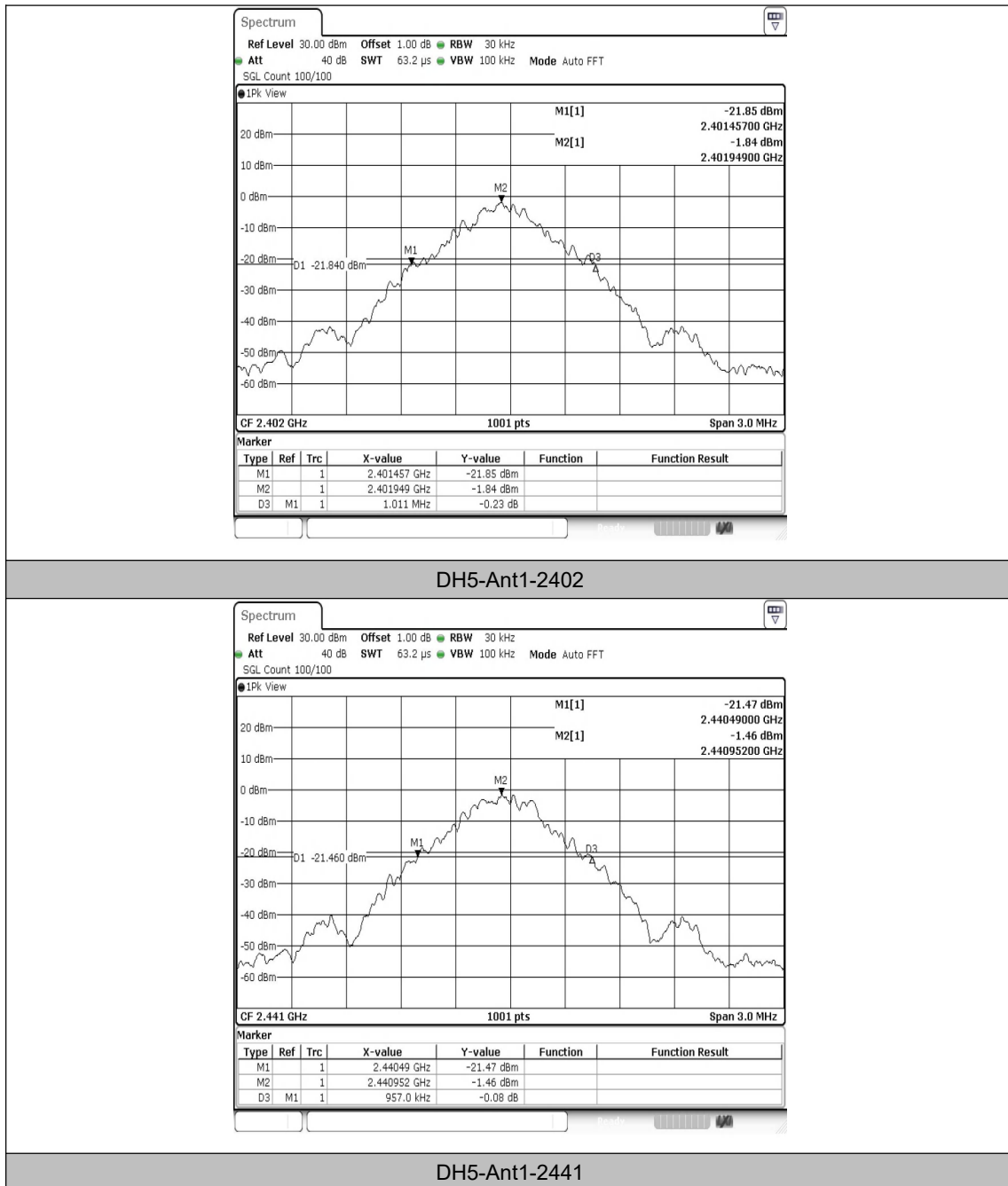
Appendix A: 20dB Bandwidth

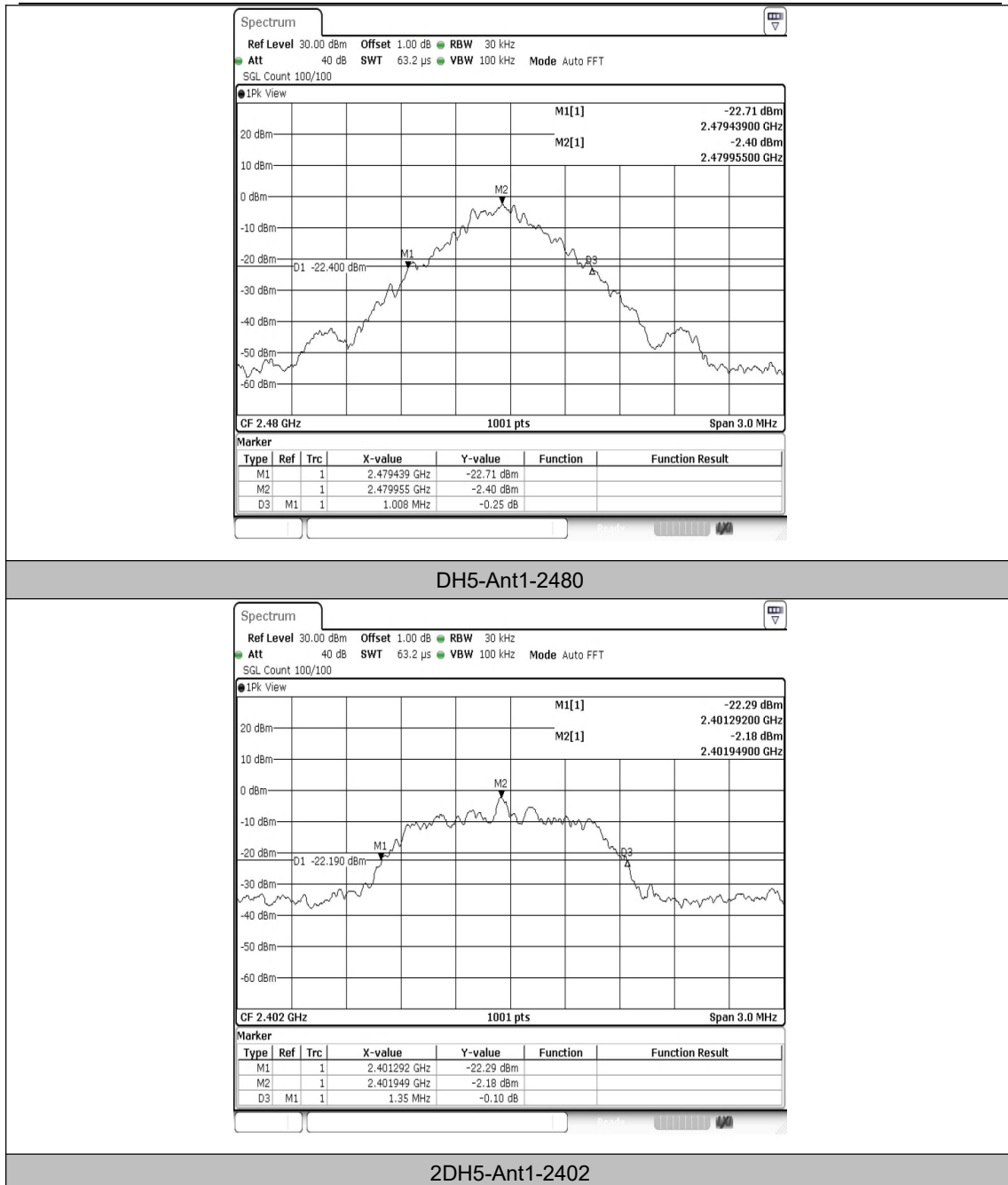
Test Result

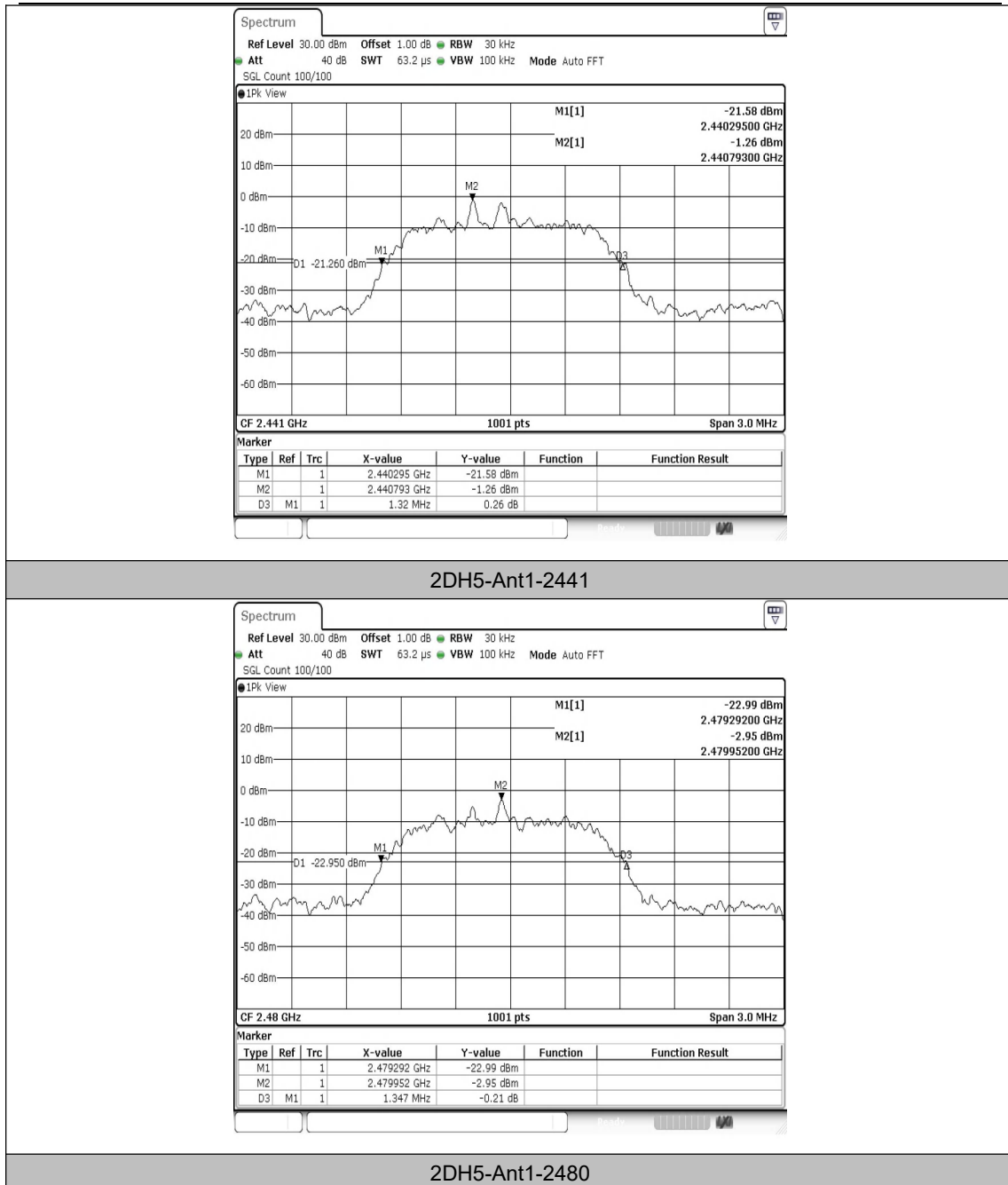
Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.01	2401.46	2402.47	---	---
DH5	Ant1	2441	0.96	2440.49	2441.45	---	---
DH5	Ant1	2480	1.01	2479.44	2480.45	---	---
2DH5	Ant1	2402	1.35	2401.29	2402.64	---	---
2DH5	Ant1	2441	1.32	2440.30	2441.61	---	---
2DH5	Ant1	2480	1.35	2479.29	2480.64	---	---
3DH5	Ant1	2402	1.30	2401.29	2402.59	---	---
3DH5	Ant1	2441	1.33	2440.29	2441.62	---	---
3DH5	Ant1	2480	1.32	2479.30	2480.62	---	---

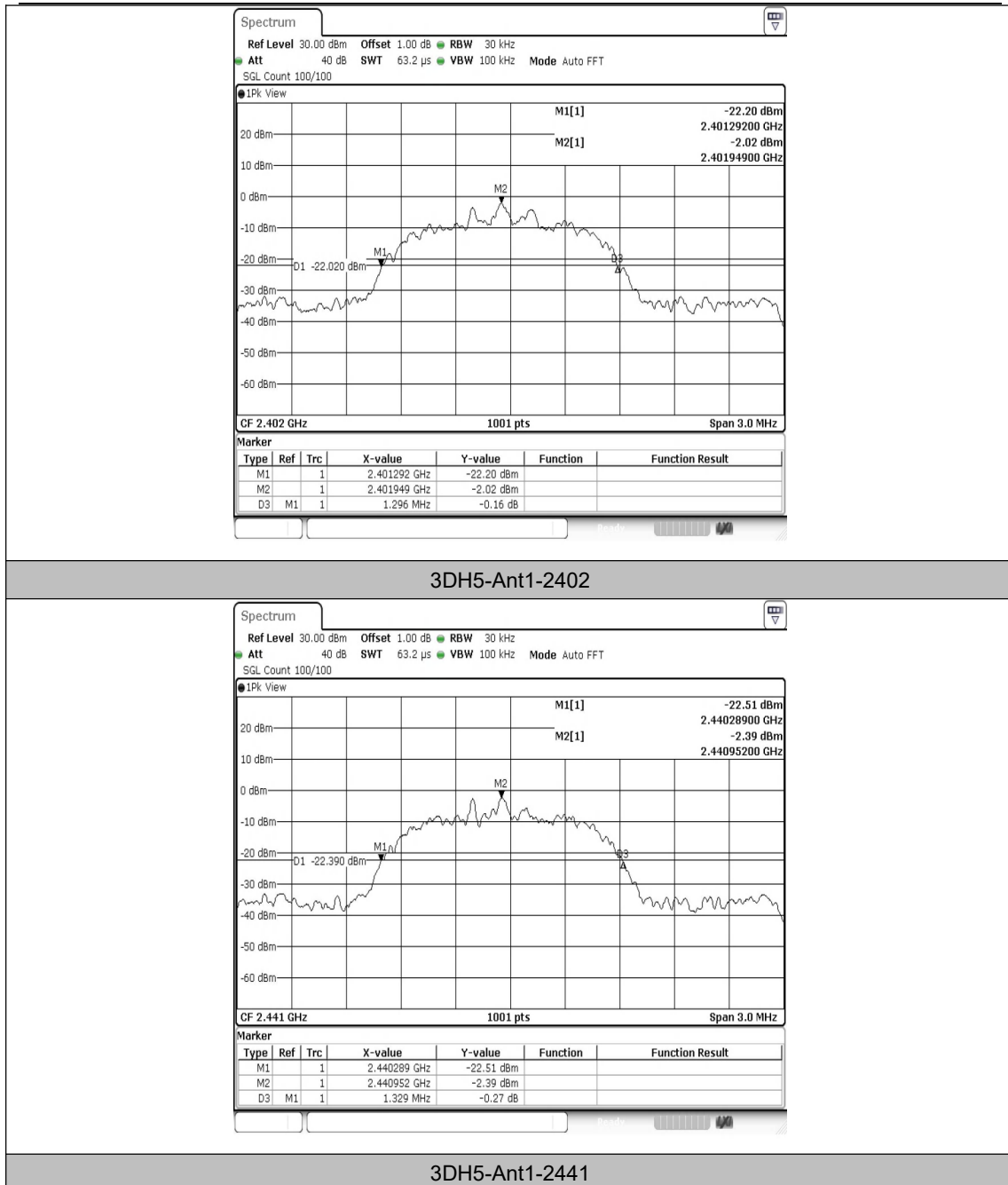


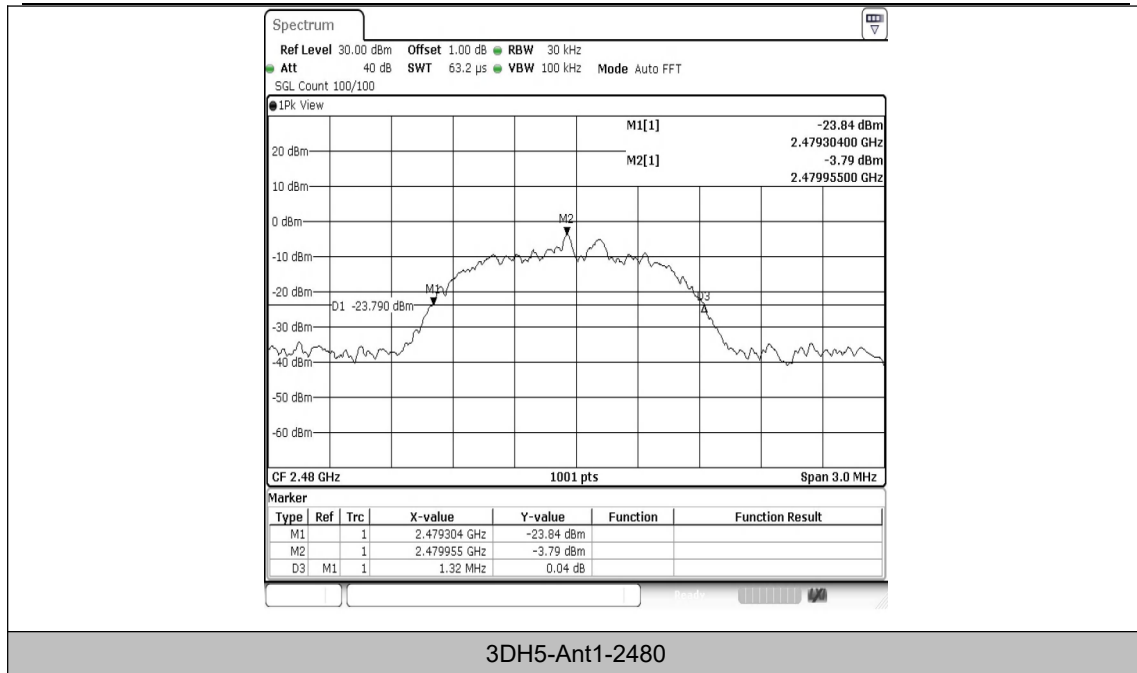
Test Graphs











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Appendix B: 99% Occupied Bandwidth

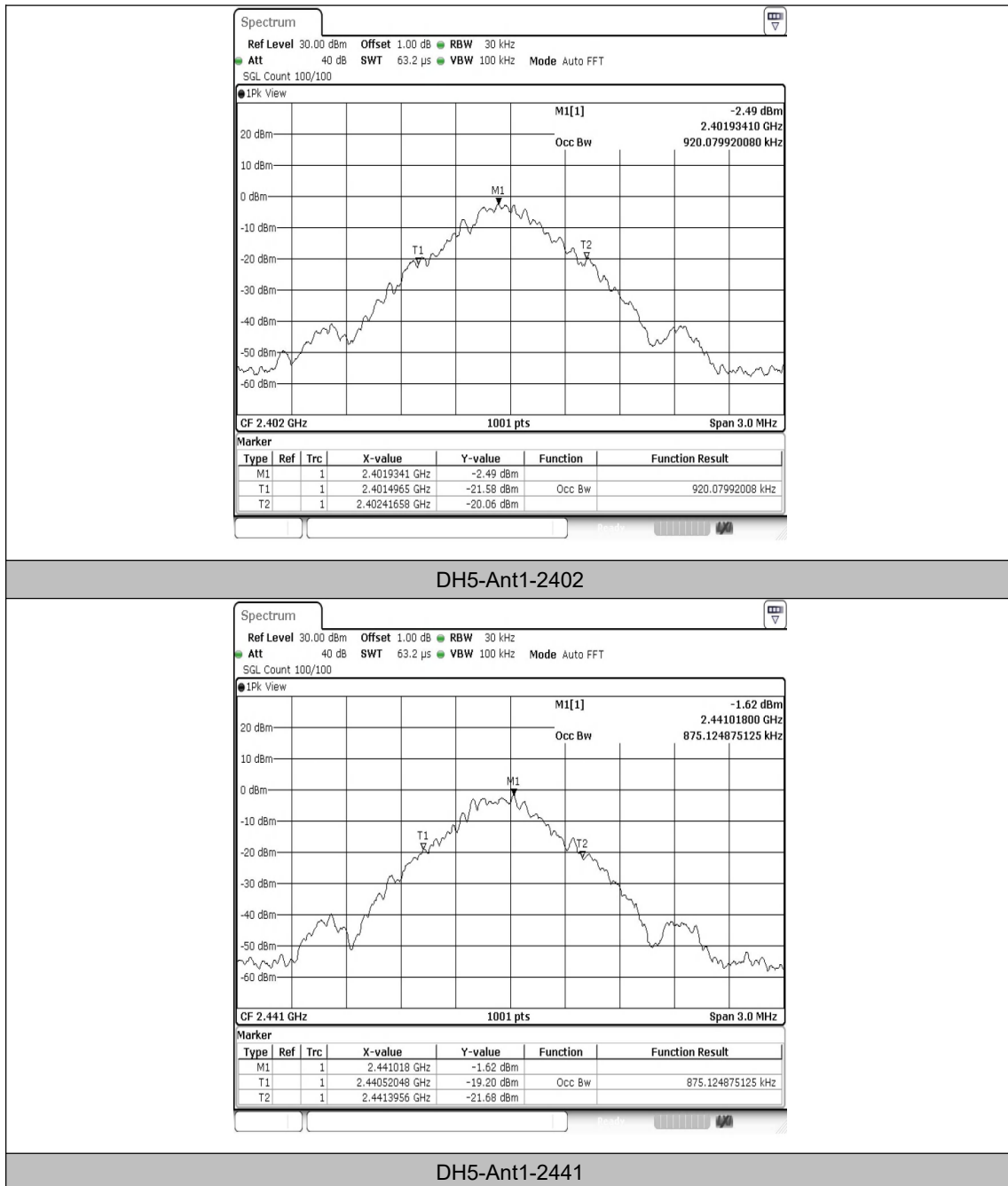
Test Result

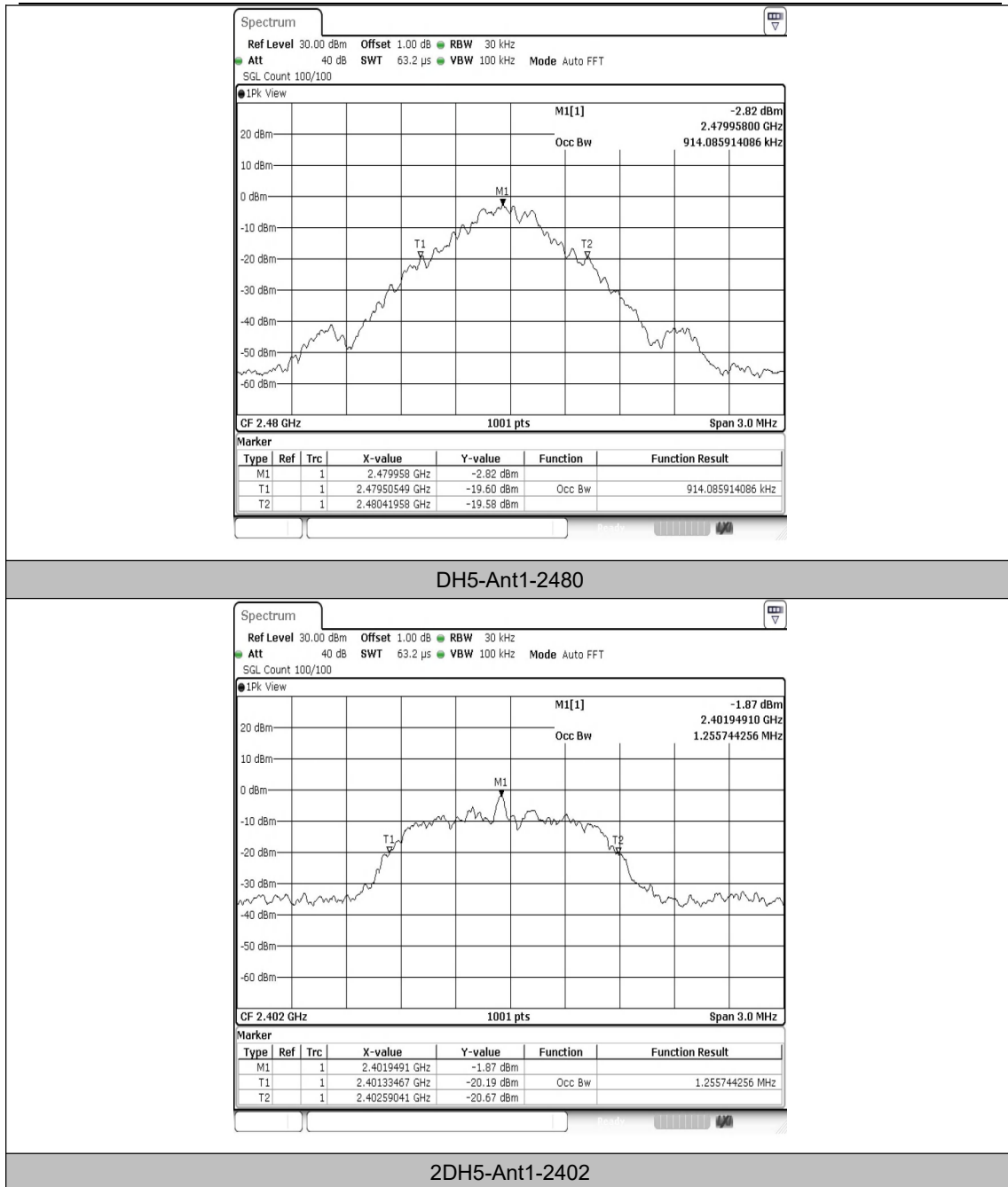
Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.92008	2401.4965	2402.4166	---	---
DH5	Ant1	2441	0.87512	2440.5205	2441.3956	---	---
DH5	Ant1	2480	0.91409	2479.5055	2480.4196	---	---
2DH5	Ant1	2402	1.2557	2401.3347	2402.5904	---	---
2DH5	Ant1	2441	1.2378	2440.3407	2441.5784	---	---
2DH5	Ant1	2480	1.2498	2479.3377	2480.5874	---	---
3DH5	Ant1	2402	1.2647	2401.3197	2402.5844	---	---
3DH5	Ant1	2441	1.2498	2440.3287	2441.5784	---	---
3DH5	Ant1	2480	1.2438	2479.3317	2480.5754	---	---

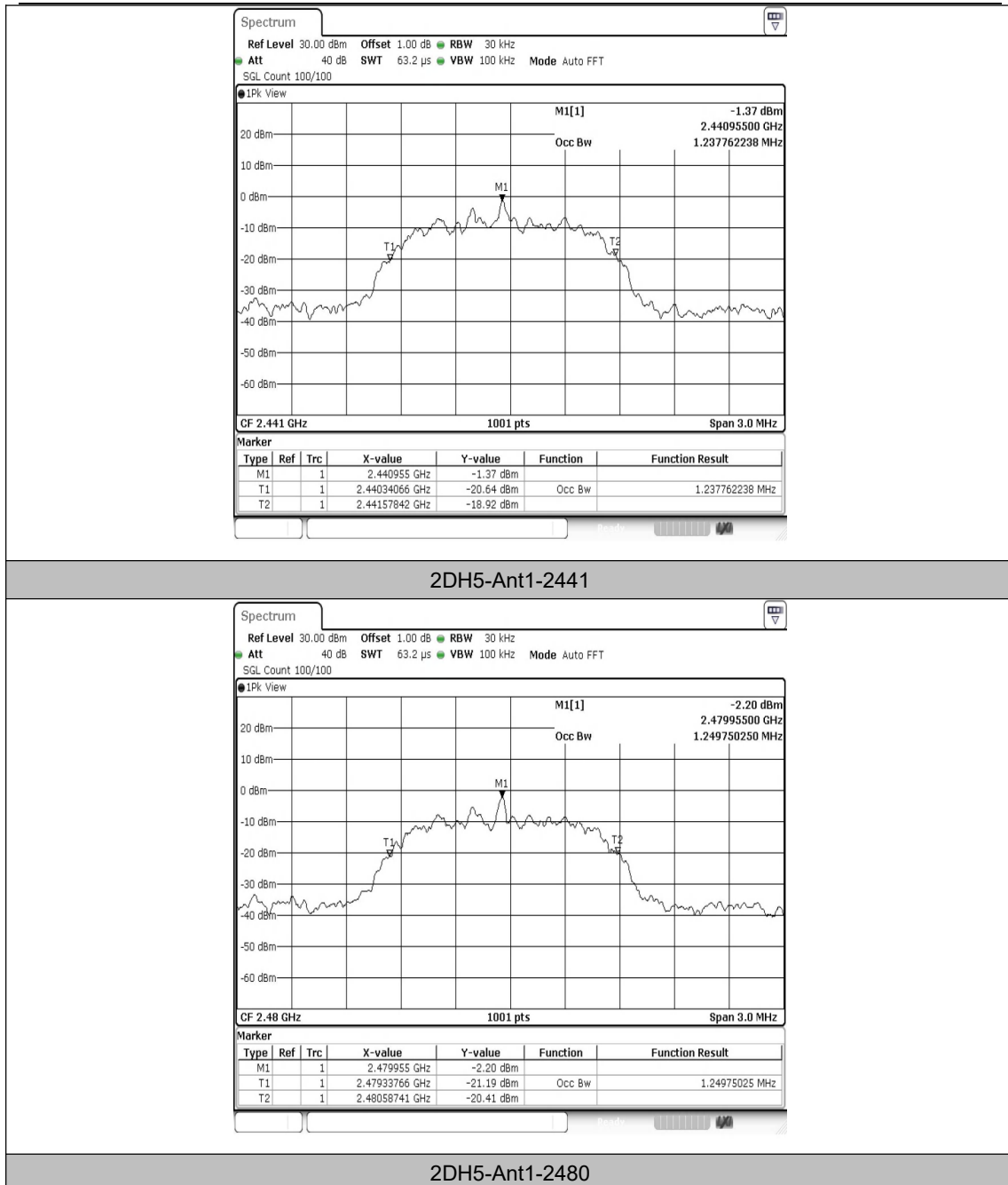
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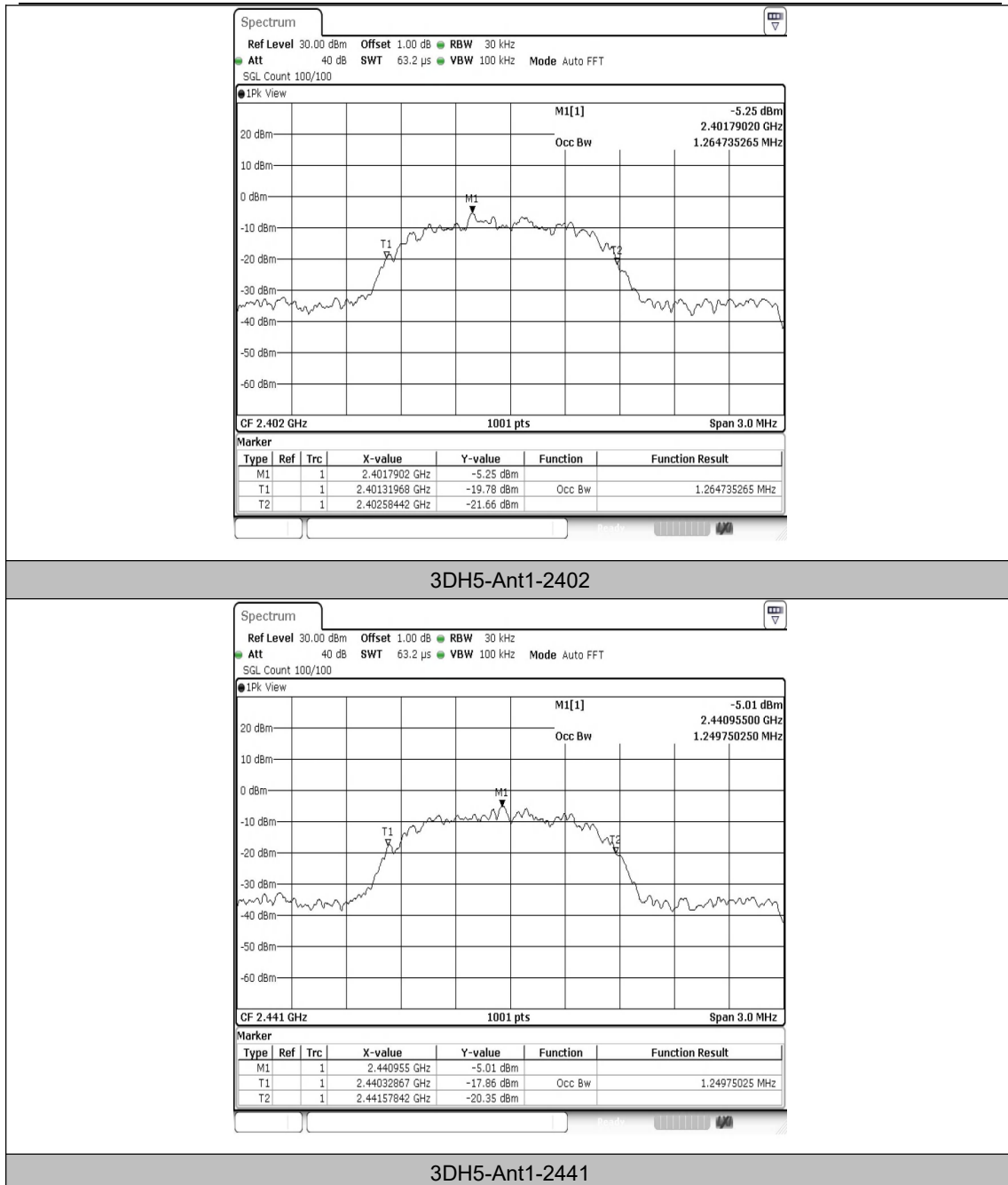


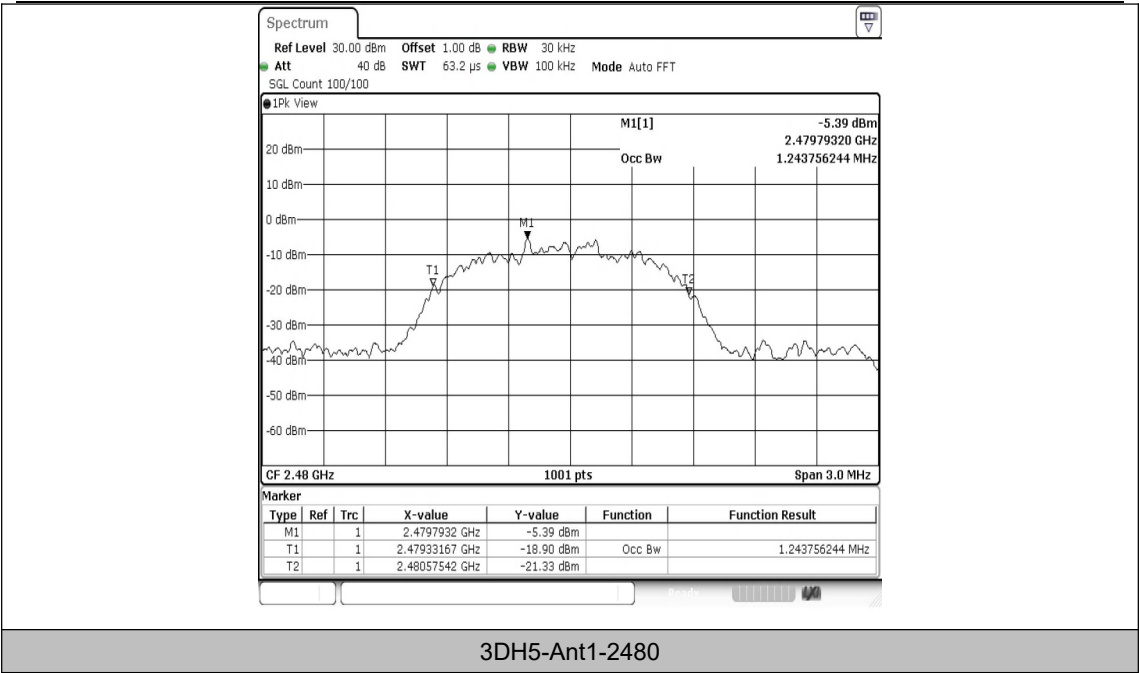
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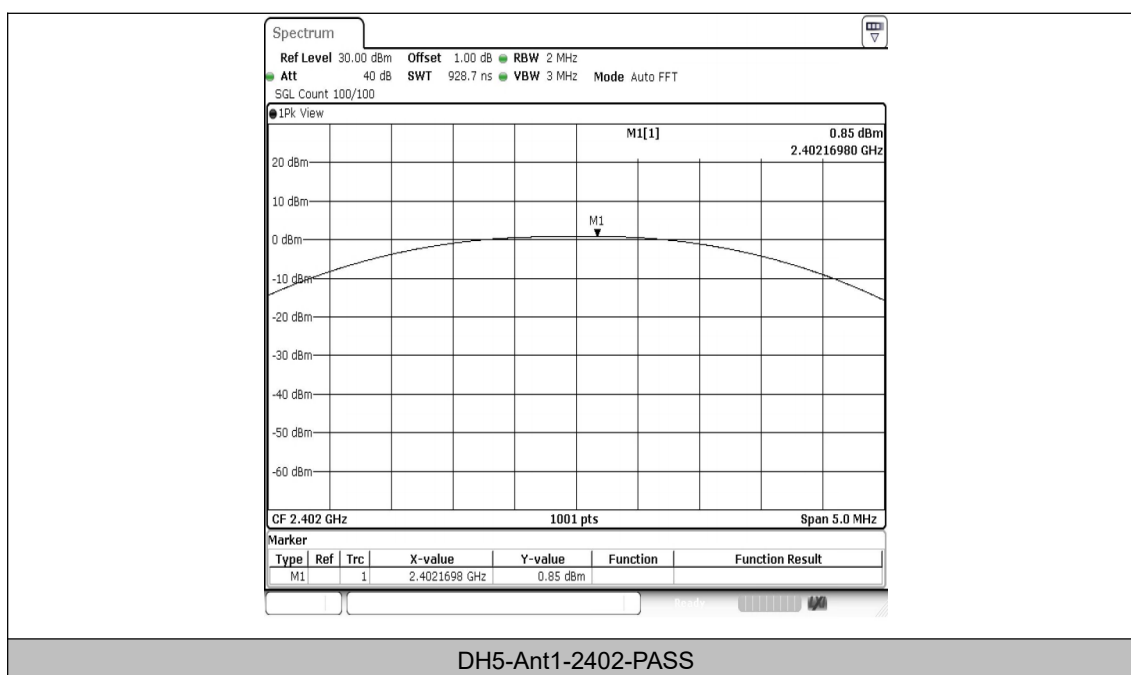
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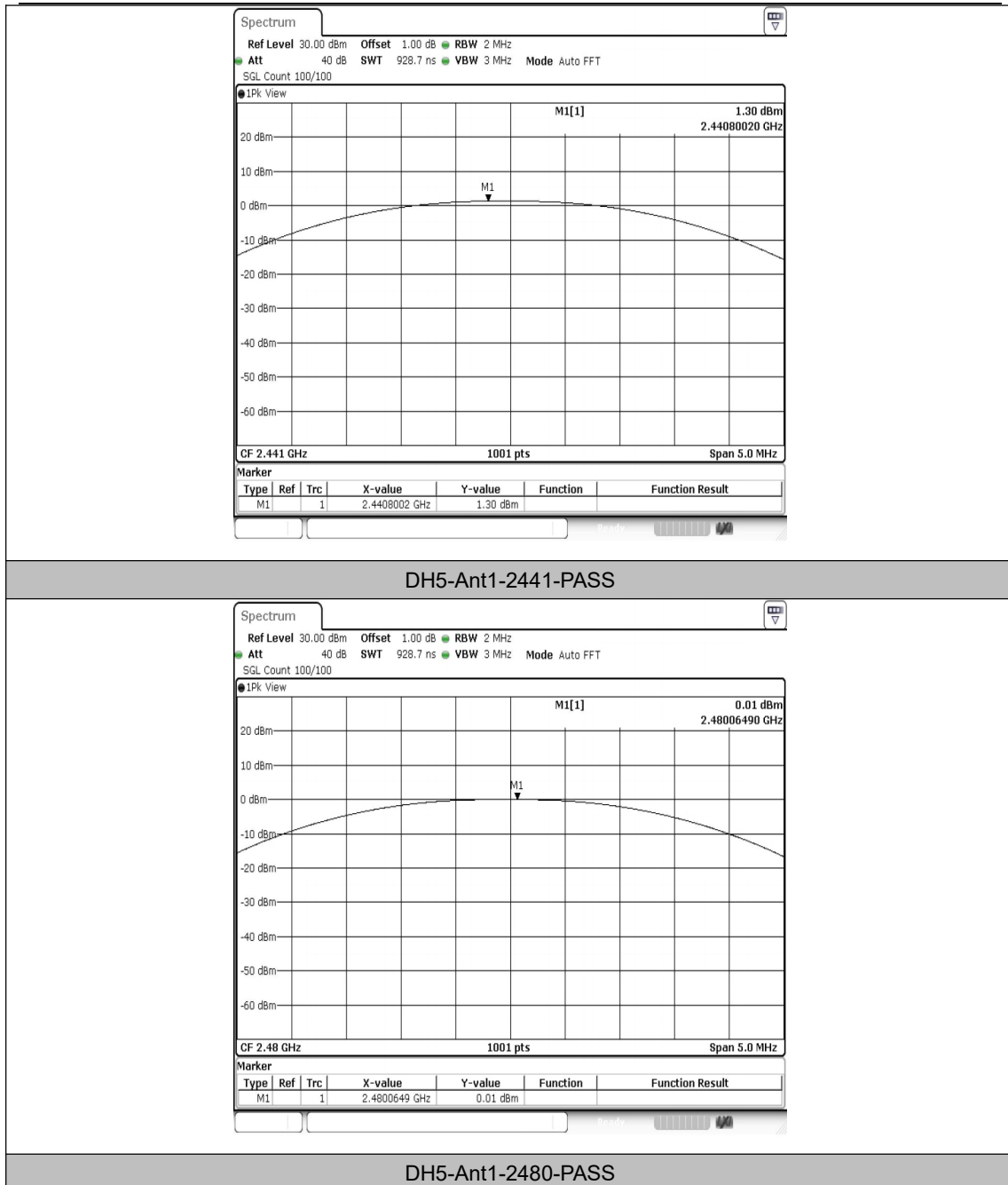
Appendix C: Maximum Conducted Output Power

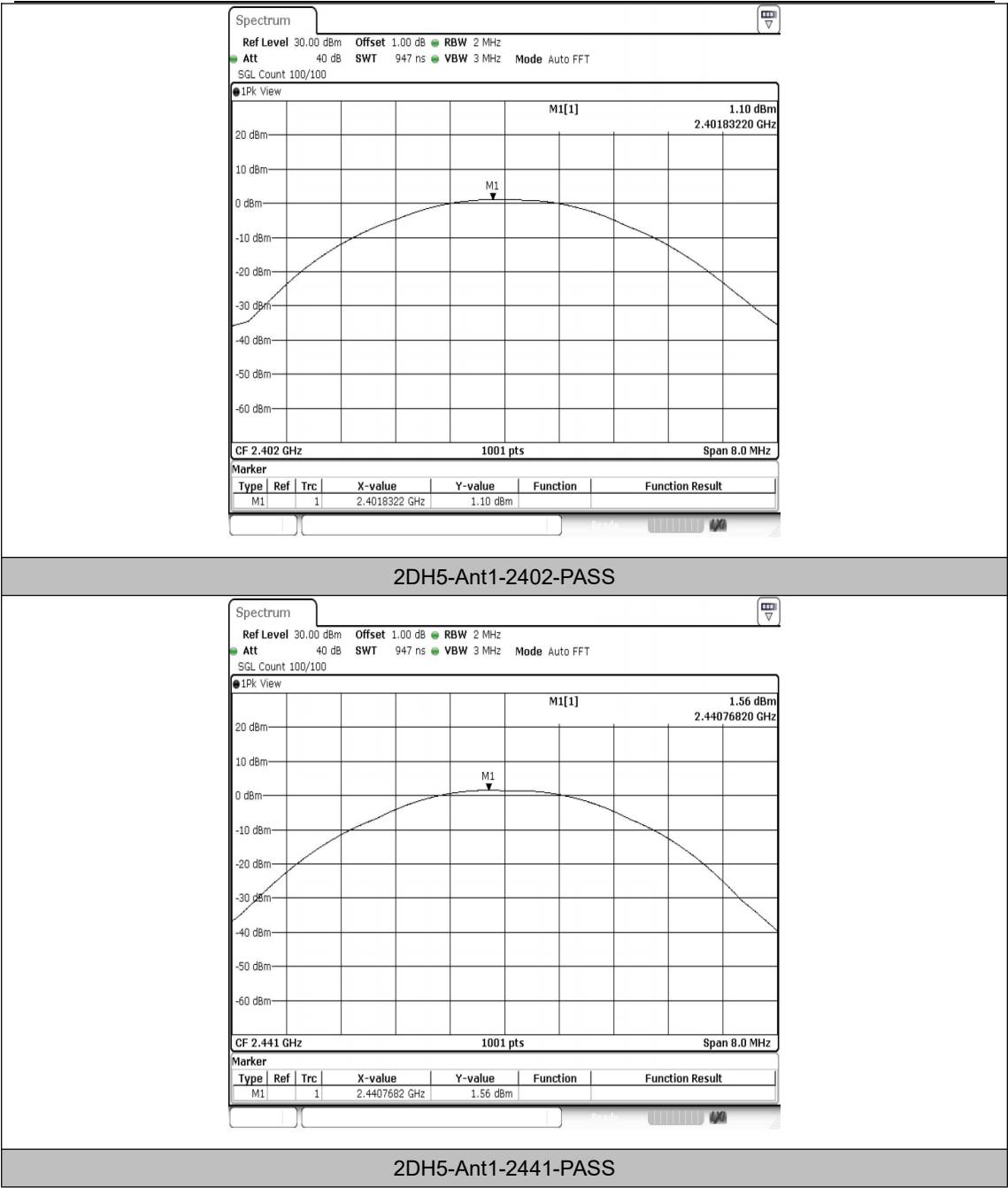
Test Result Peak

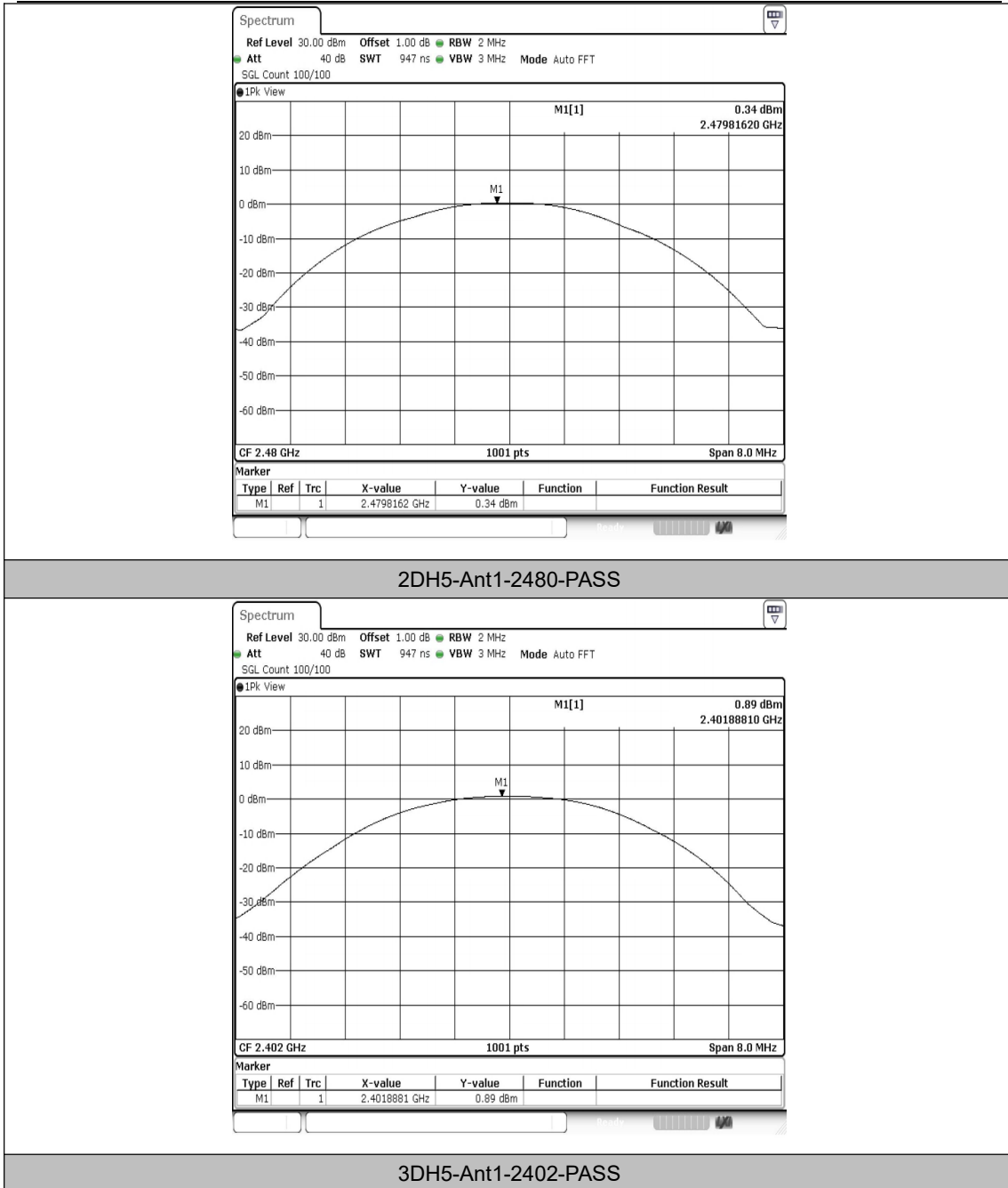
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	0.85	≤20.97	PASS
DH5	Ant1	2441	1.30	≤20.97	PASS
DH5	Ant1	2480	0.01	≤20.97	PASS
2DH5	Ant1	2402	1.10	≤20.97	PASS
2DH5	Ant1	2441	1.56	≤20.97	PASS
2DH5	Ant1	2480	0.34	≤20.97	PASS
3DH5	Ant1	2402	0.89	≤20.97	PASS
3DH5	Ant1	2441	1.65	≤20.97	PASS
3DH5	Ant1	2480	0.23	≤20.97	PASS

Test Graphs





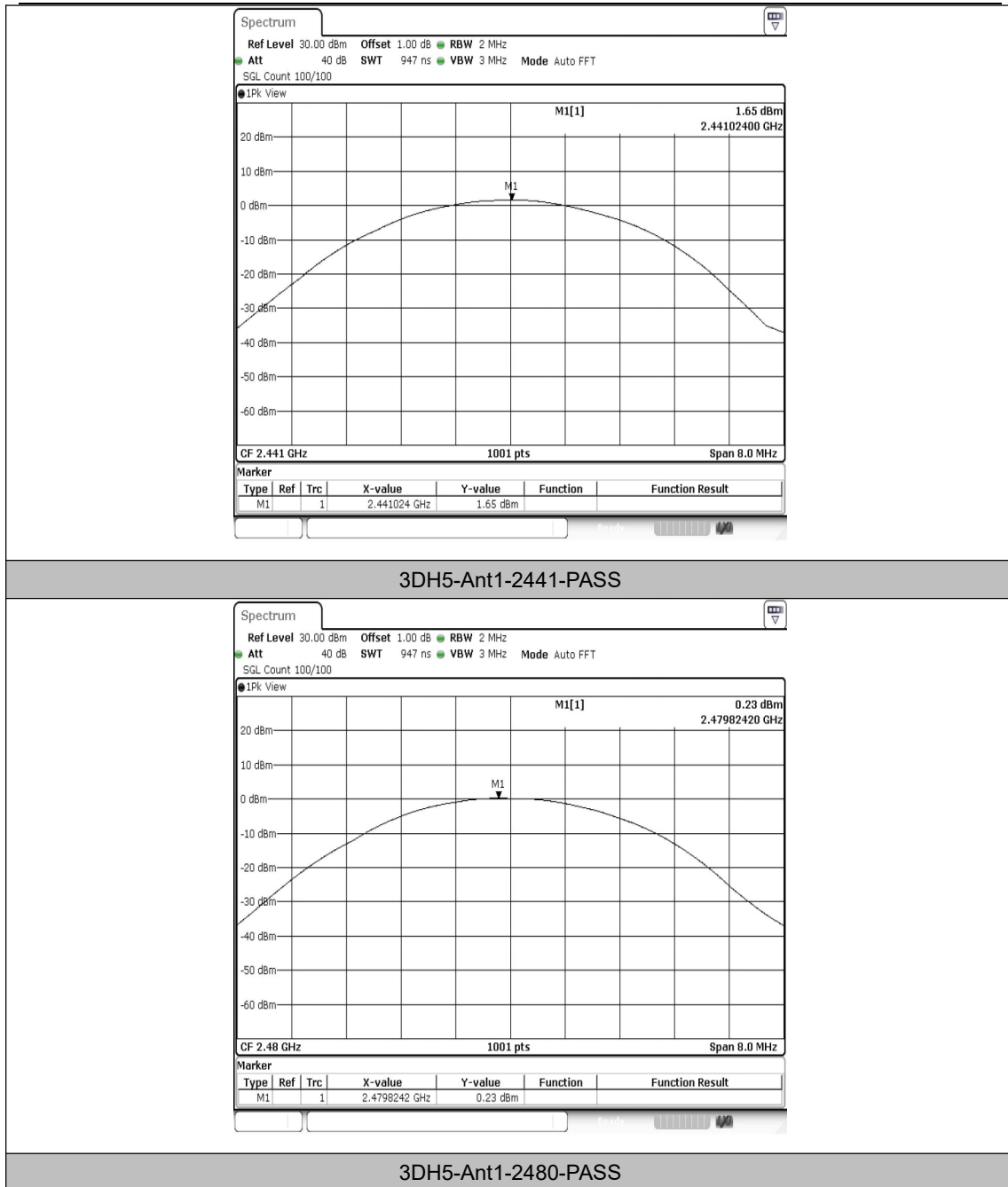




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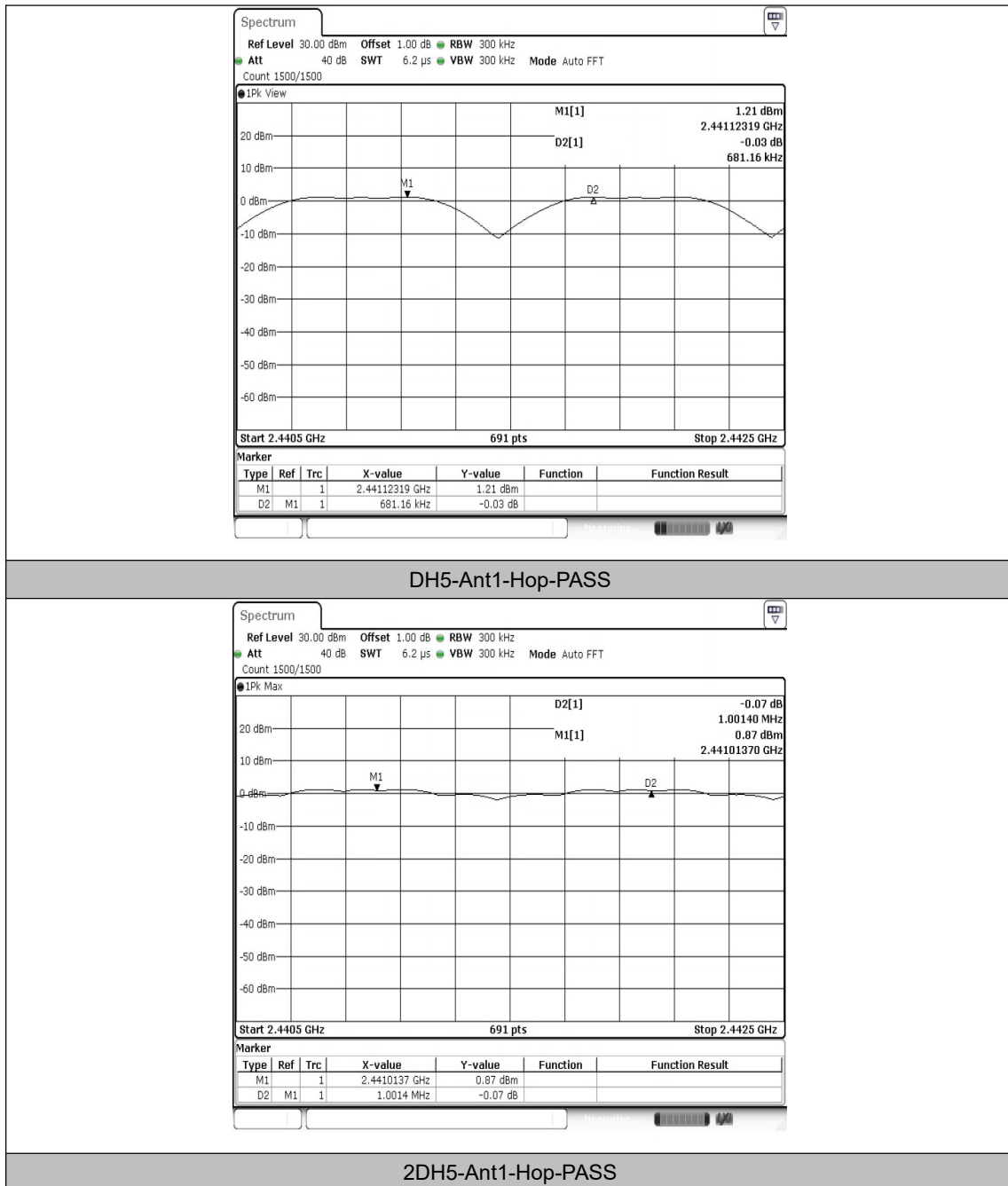
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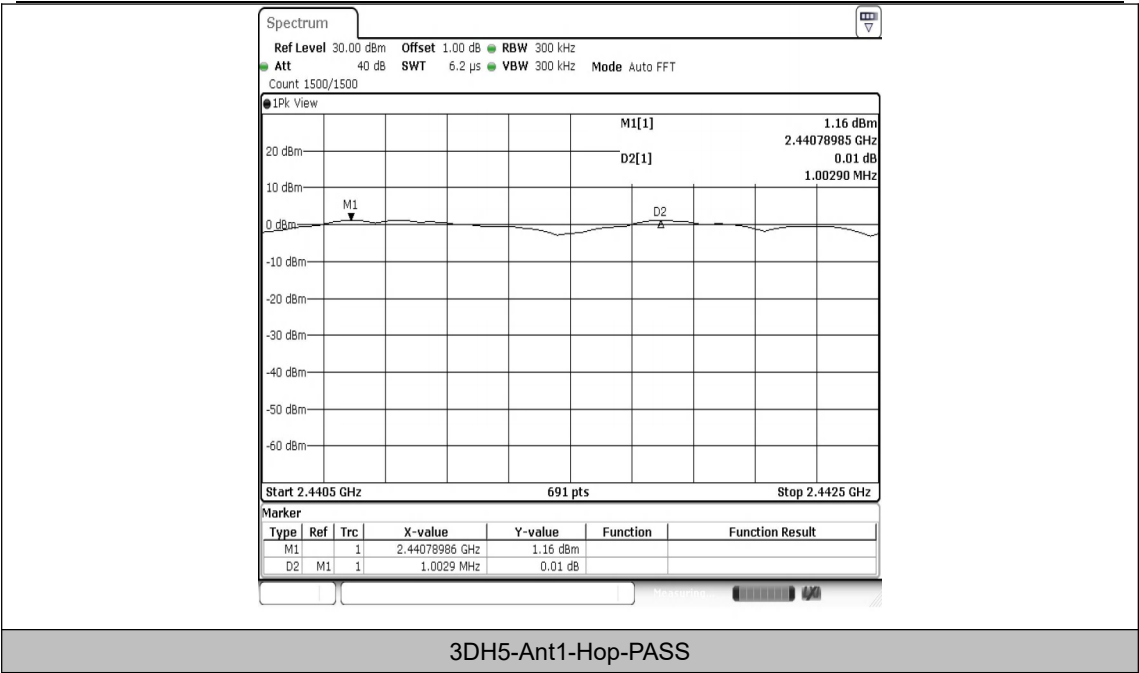
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.681	≥ 0.673	PASS
2DH5	Ant1	Hop	1.001	≥ 0.900	PASS
3DH5	Ant1	Hop	1.003	≥ 0.887	PASS

Test Graphs





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Appendix E: Dwell Time

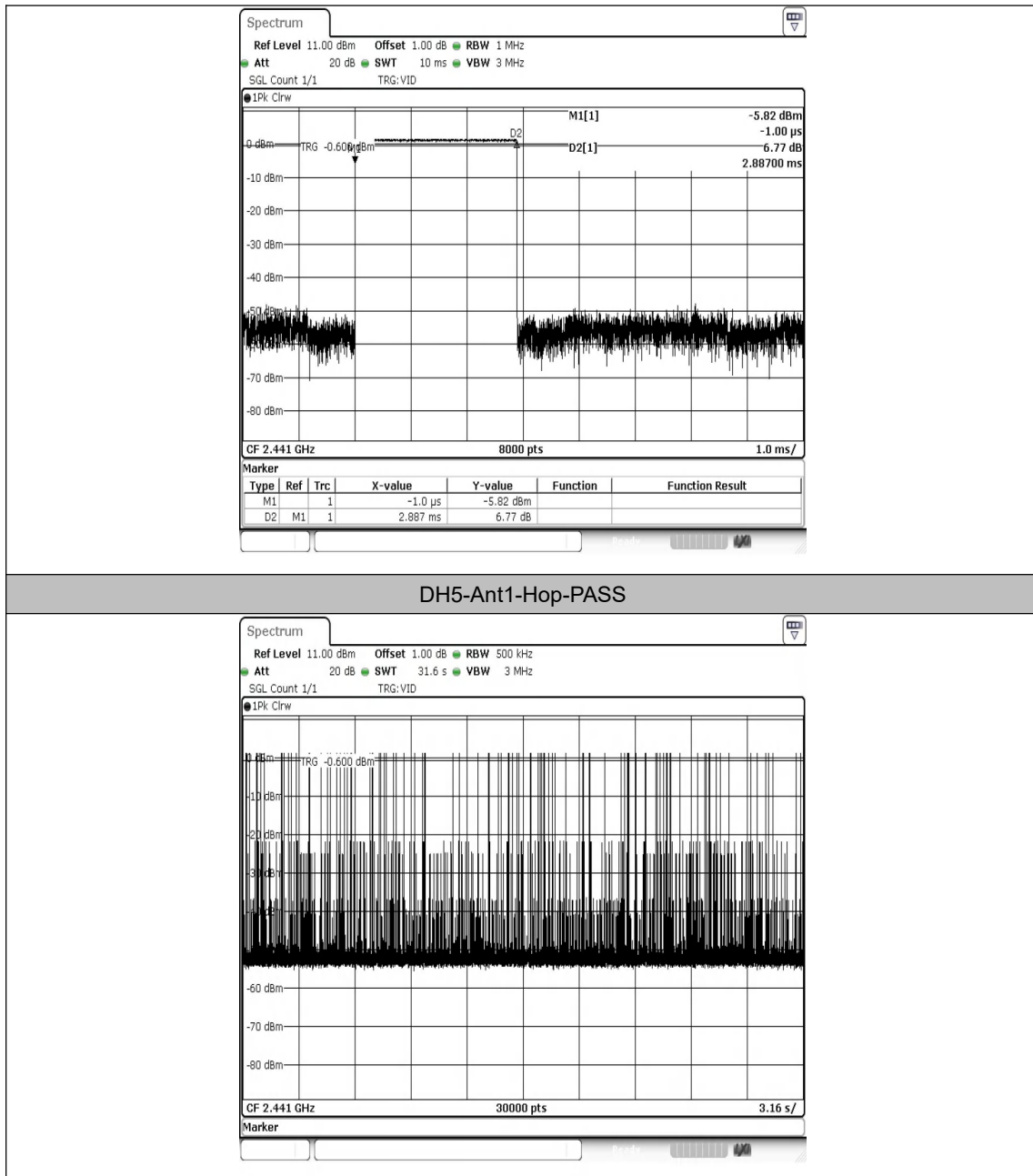
Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.887	99	0.286	≤0.4	PASS
2DH5	Ant1	Hop	2.892	105	0.304	≤0.4	PASS
3DH5	Ant1	Hop	2.893	108	0.312	≤0.4	PASS

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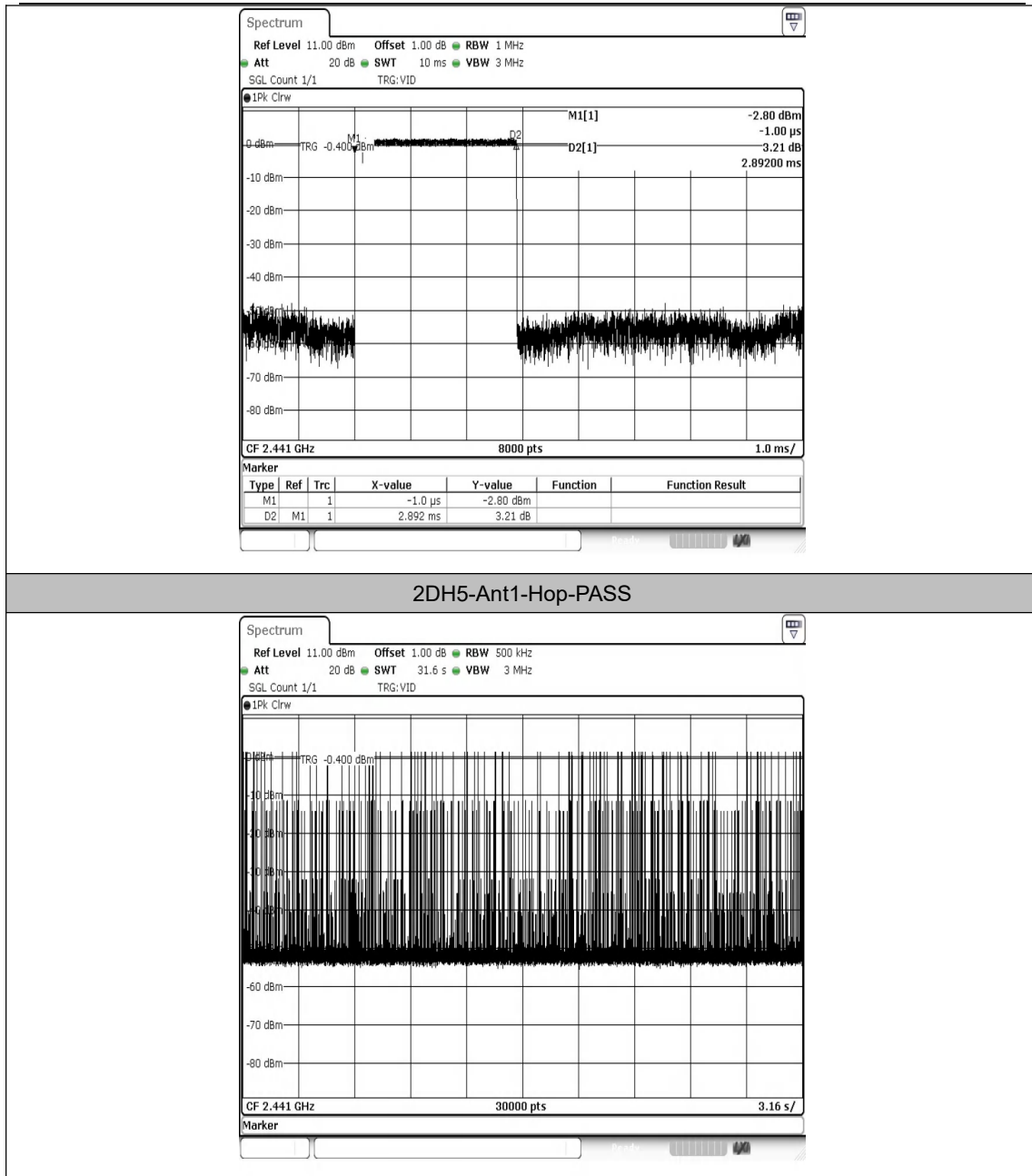
Test Graphs



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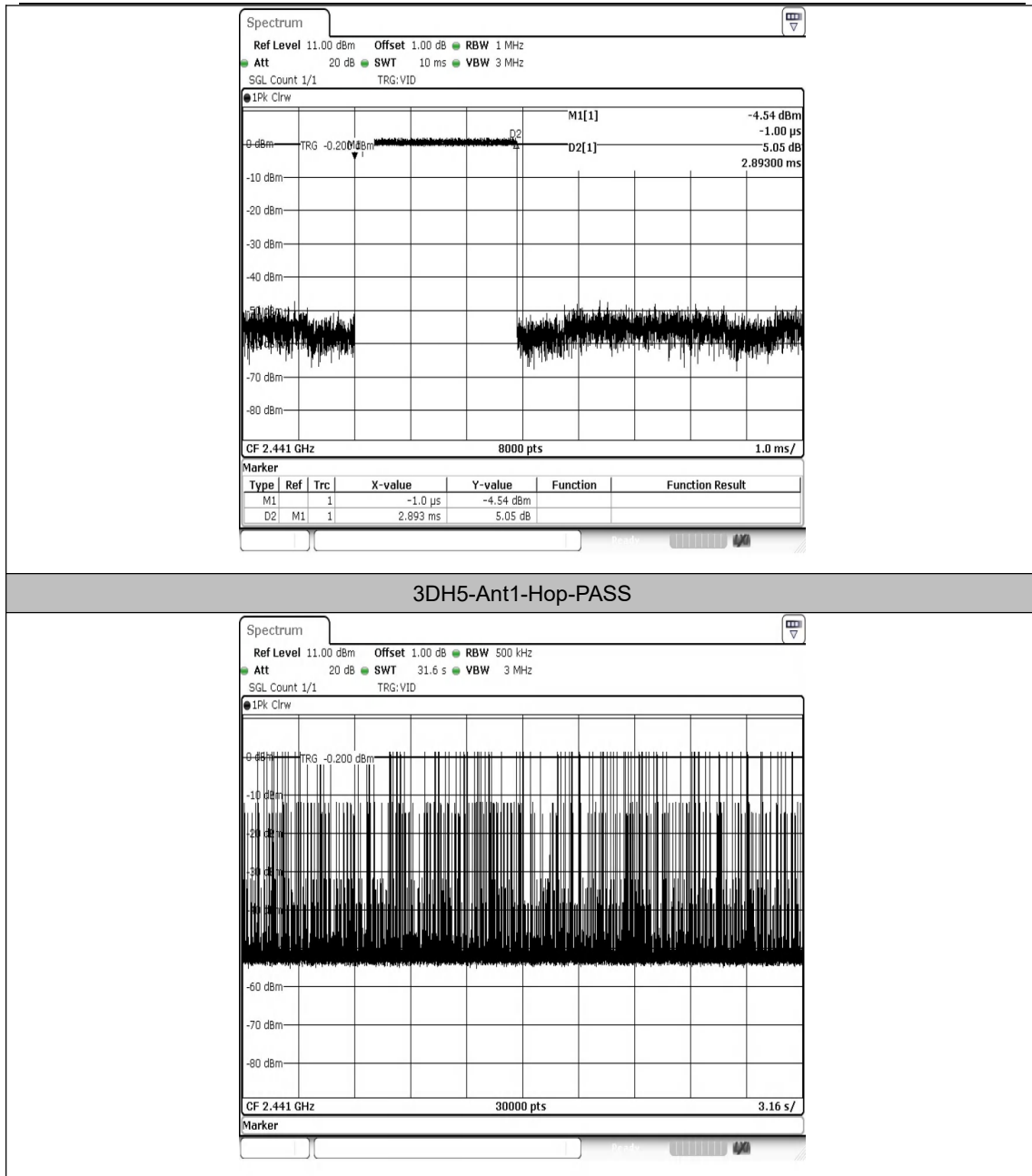
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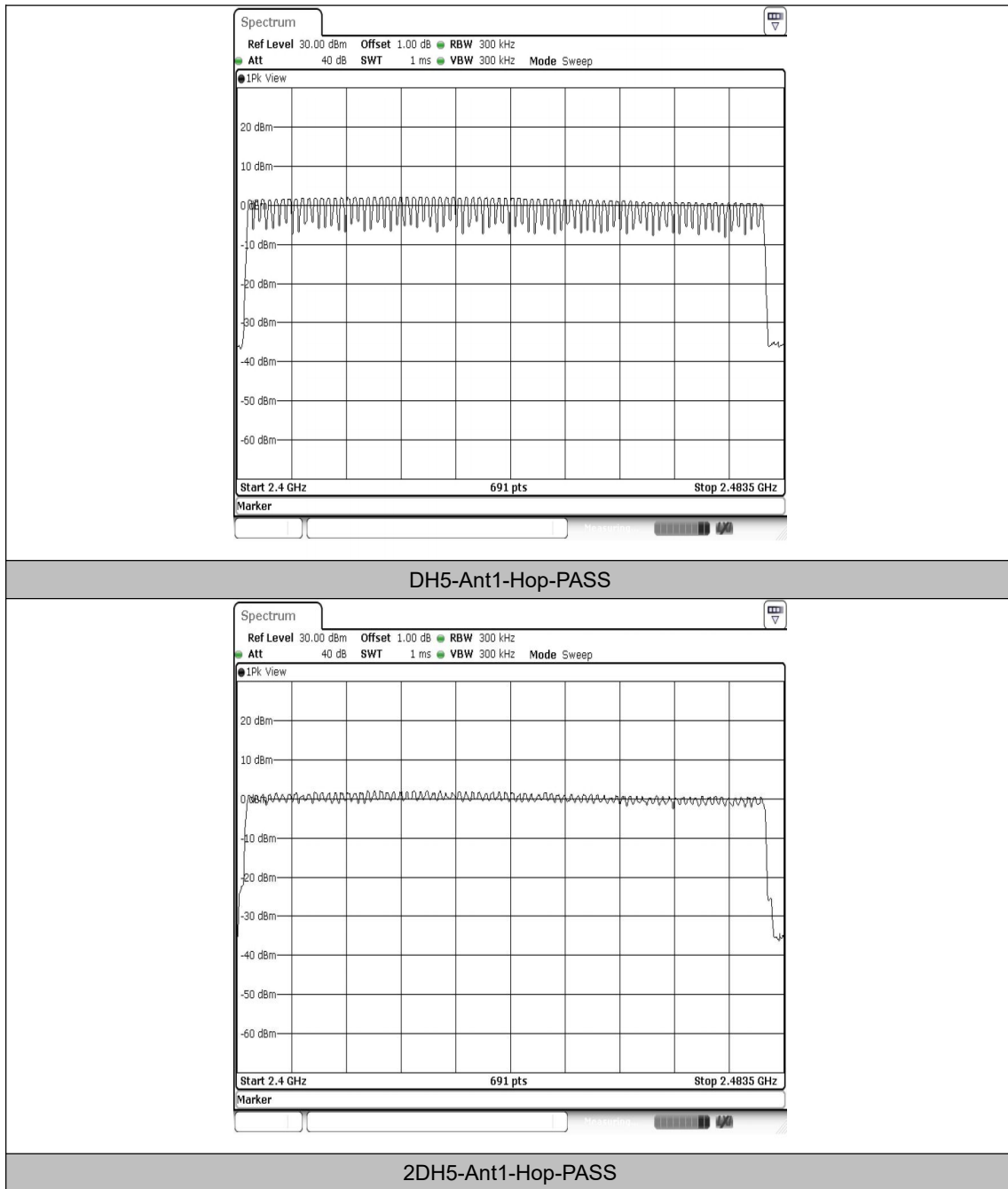


Appendix F: Number of Hopping Channel

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

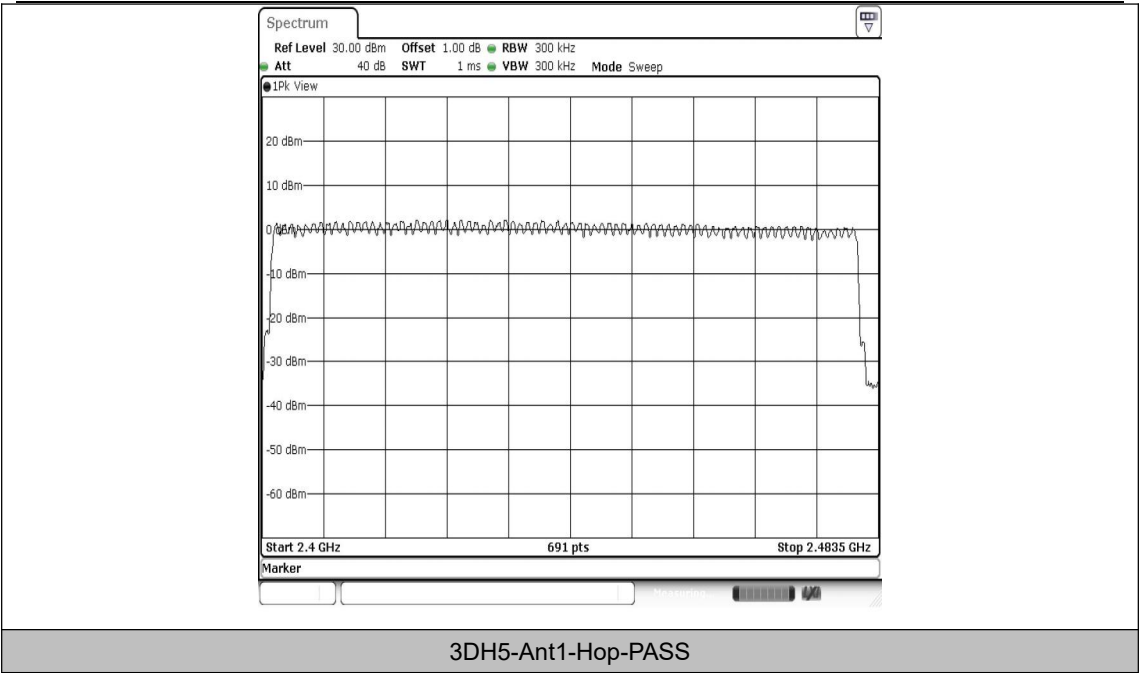
Test Graphs



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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	0.85	-53.55	≤-19.15	PASS
DH5	Ant1	High	2480	-0.07	-54.21	≤-20.07	PASS
DH5	Ant1	Low	Hop_2402	0.38	-55.97	≤-19.62	PASS
DH5	Ant1	High	Hop_2480	-0.13	-56.65	≤-20.13	PASS
2DH5	Ant1	Low	2402	0.82	-45.21	≤-19.18	PASS
2DH5	Ant1	High	2480	-0.12	-55.8	≤-20.12	PASS
2DH5	Ant1	Low	Hop_2402	-0.47	-50.11	≤-20.47	PASS
2DH5	Ant1	High	Hop_2480	-0.94	-53.45	≤-20.94	PASS
3DH5	Ant1	Low	2402	0.69	-45.2	≤-19.31	PASS
3DH5	Ant1	High	2480	-0.17	-55.29	≤-20.17	PASS
3DH5	Ant1	Low	Hop_2402	-1.84	-48.81	≤-21.84	PASS
3DH5	Ant1	High	Hop_2480	0.02	-52.36	≤-19.98	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

