

Appendix Test Data

Report No.:	1812C50244112502	Test Sample No.:	1-2-2
Start Test Date:	2025-5-27	Finish Test Date:	2025-5-28
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	24.5°C	Relative Humidity:	51%
Pressure:	101kPa		

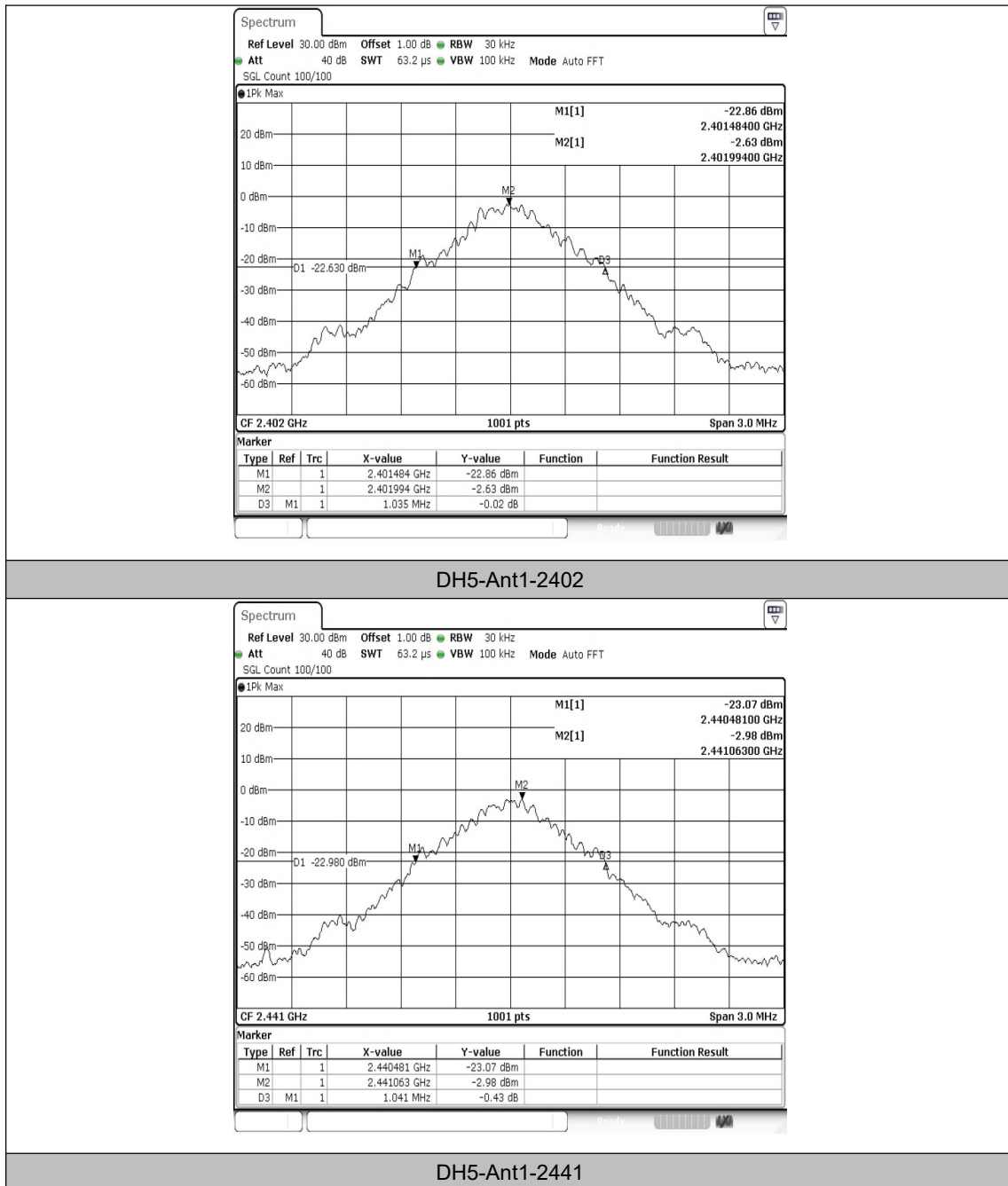
Appendix A: 20dB Bandwidth

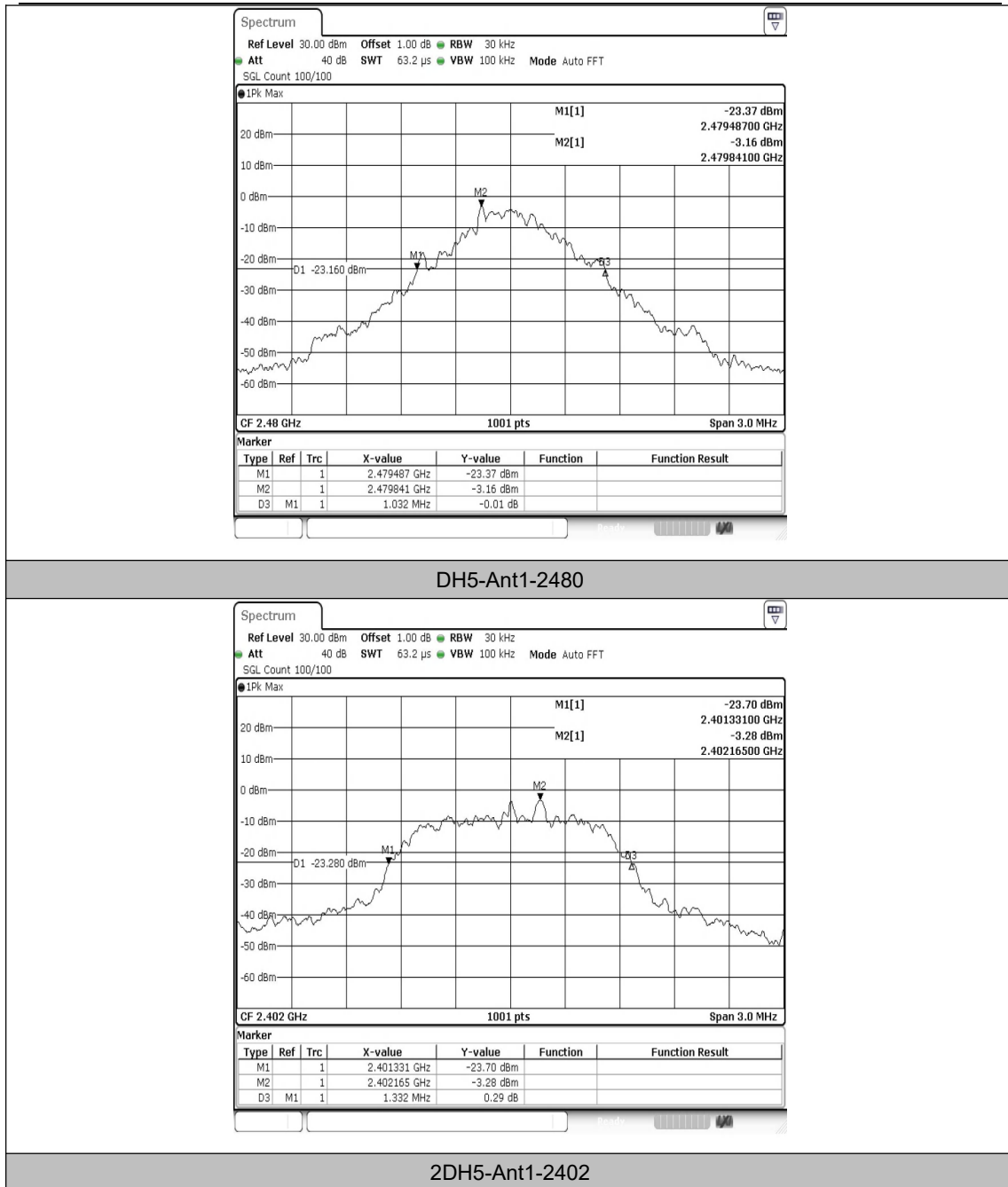
Test Result

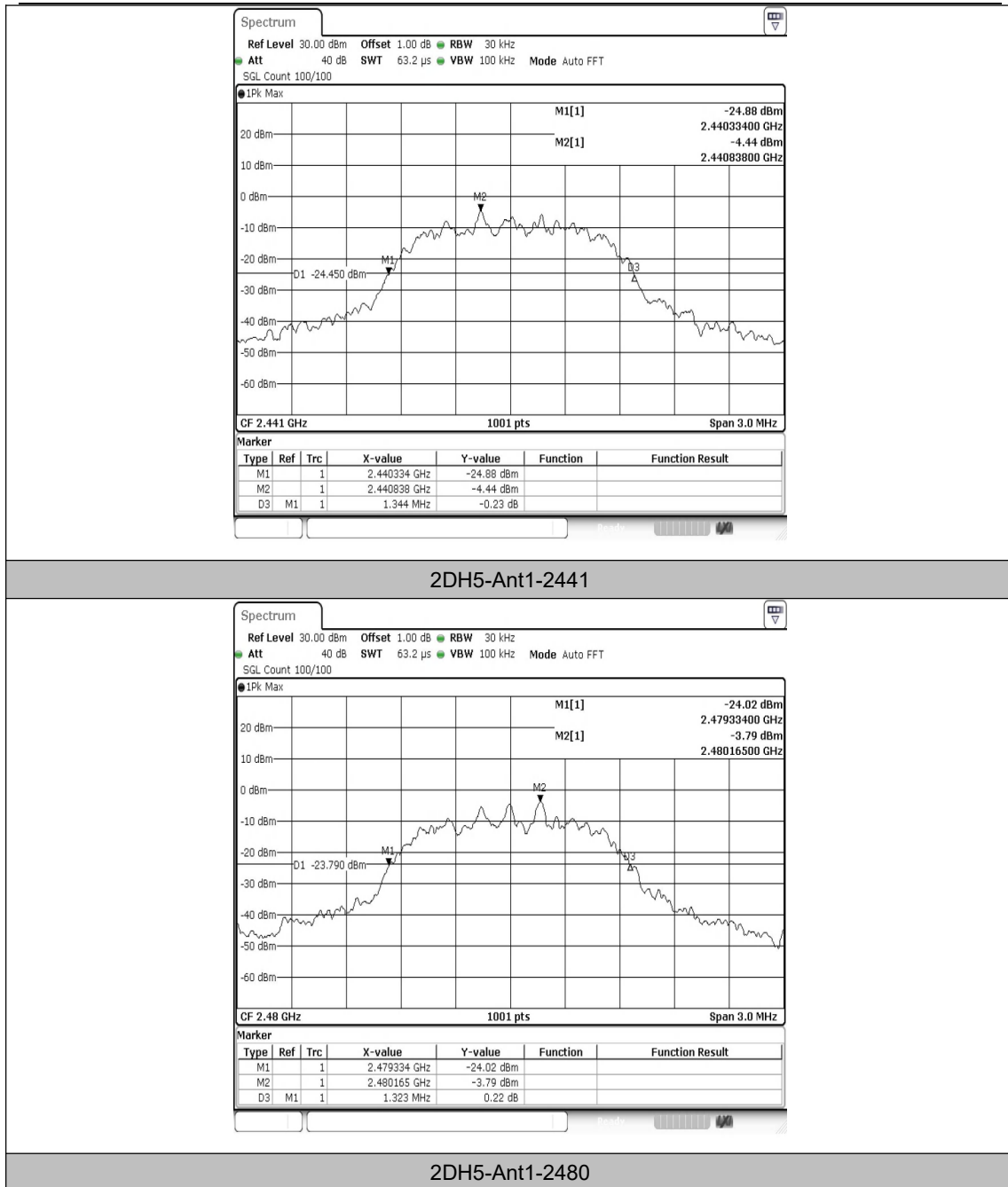
Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.03	2401.48	2402.52	---	---
DH5	Ant1	2441	1.04	2440.48	2441.52	---	---
DH5	Ant1	2480	1.03	2479.49	2480.52	---	---
2DH5	Ant1	2402	1.33	2401.33	2402.66	---	---
2DH5	Ant1	2441	1.34	2440.33	2441.68	---	---
2DH5	Ant1	2480	1.32	2479.33	2480.66	---	---
3DH5	Ant1	2402	1.29	2401.35	2402.64	---	---
3DH5	Ant1	2441	1.32	2440.34	2441.66	---	---
3DH5	Ant1	2480	1.34	2479.33	2480.67	---	---

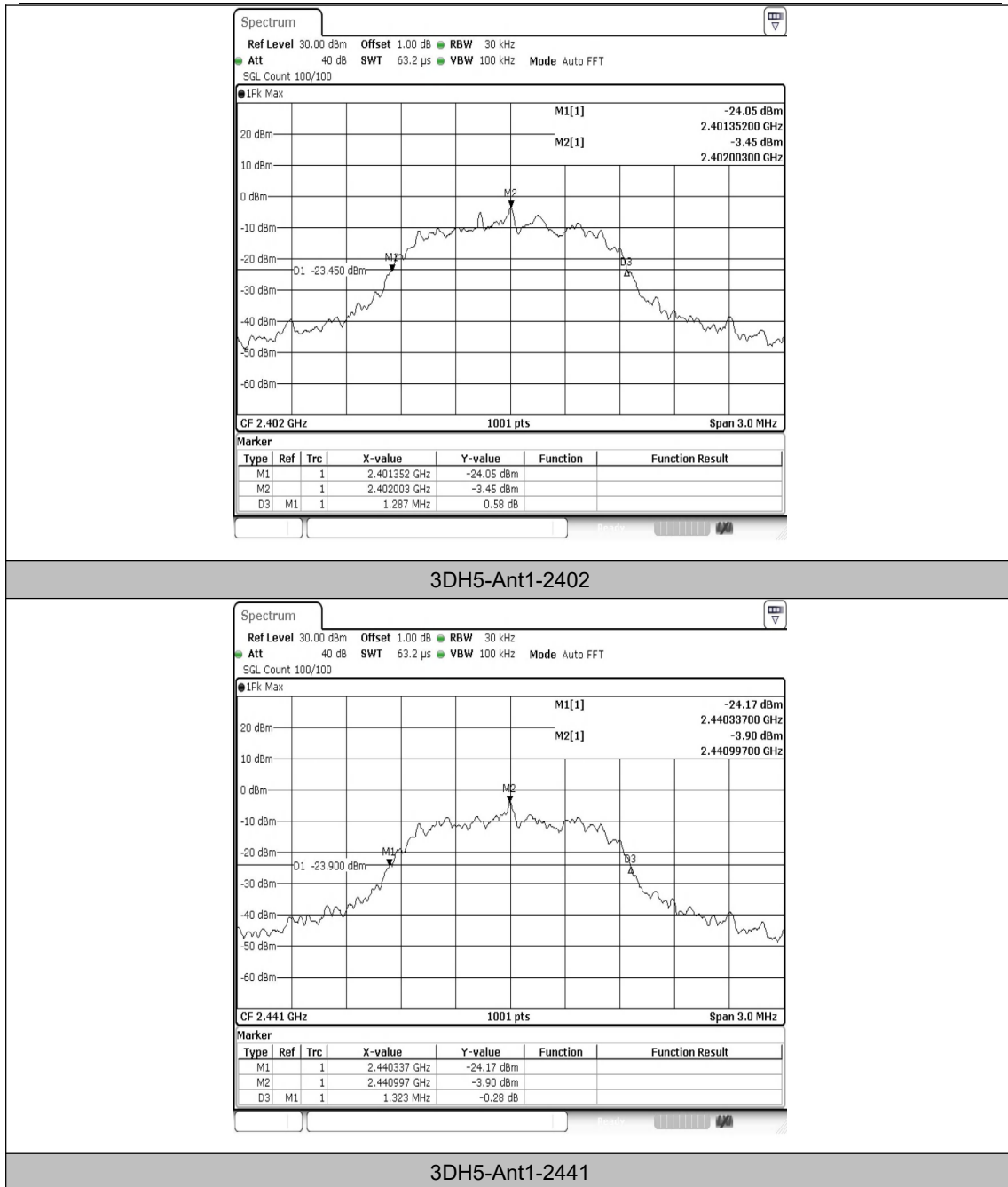


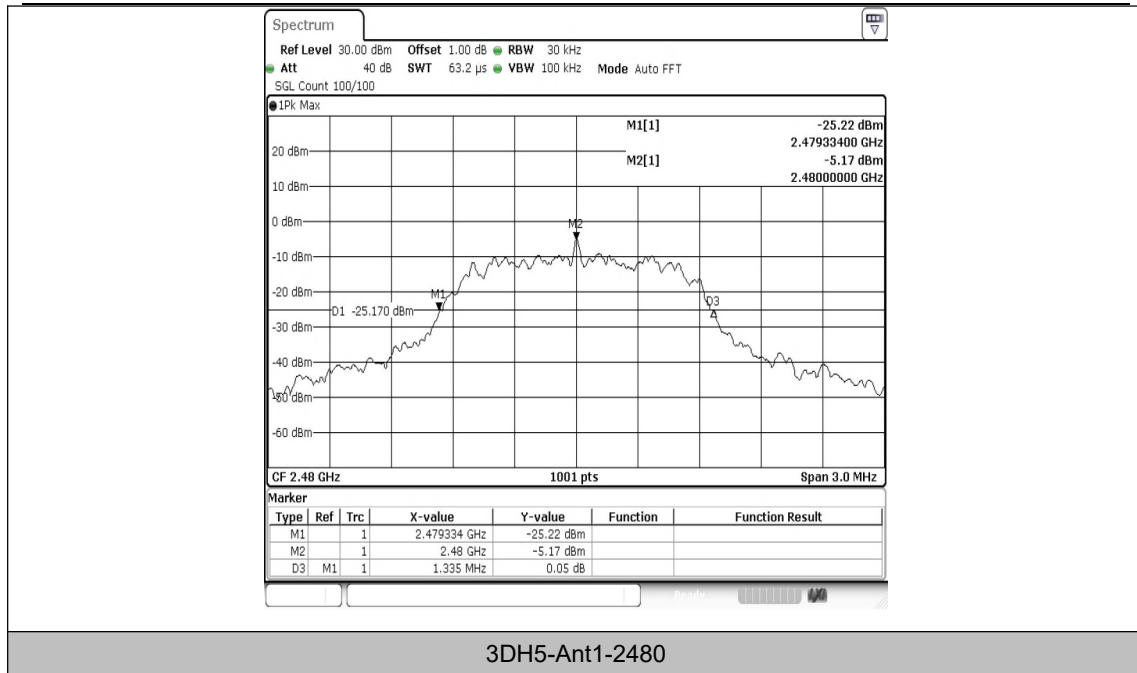
Test Graphs











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Appendix B: 99% Occupied Bandwidth

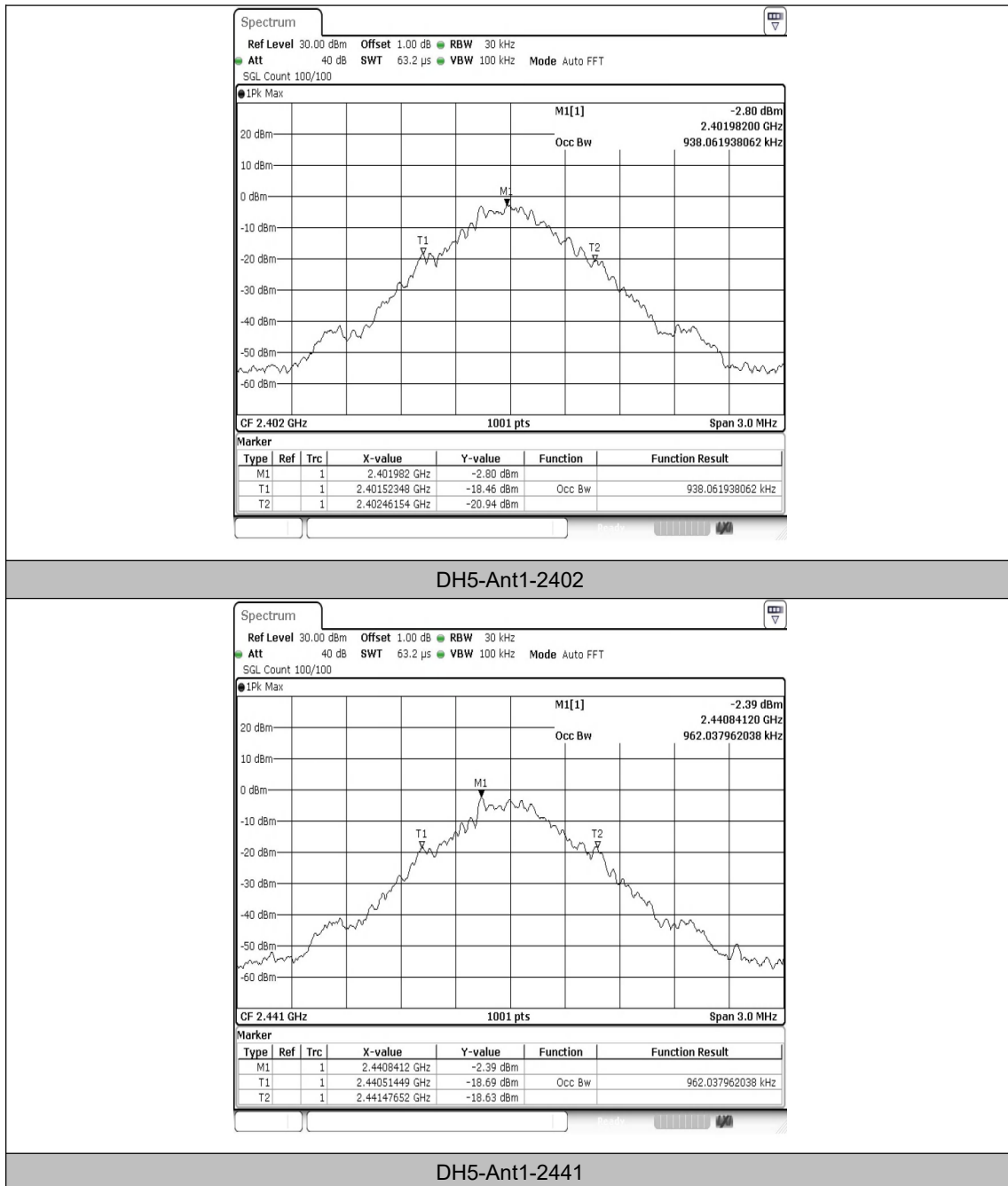
Test Result

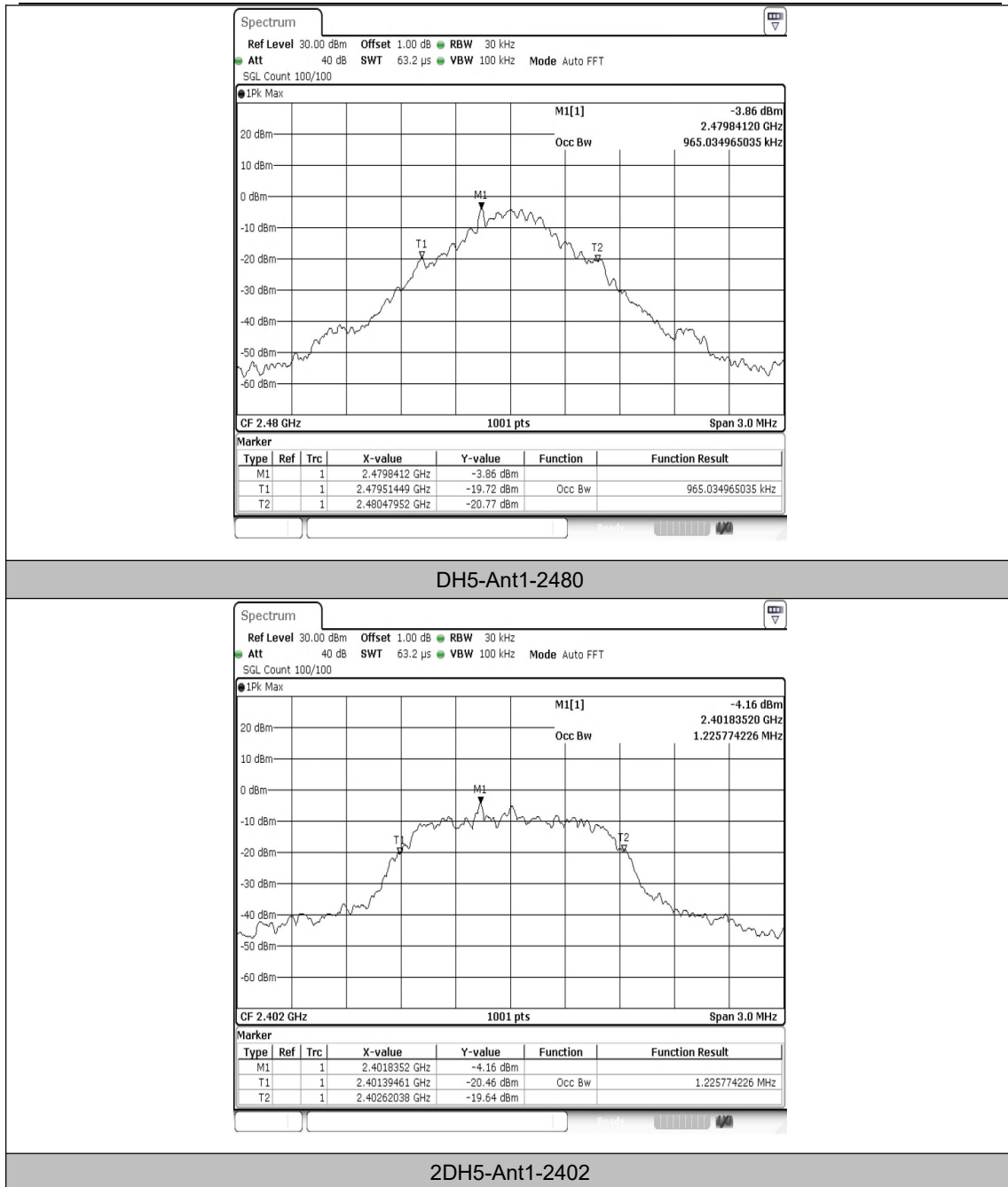
Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.93806	2401.5235	2402.4615	---	---
DH5	Ant1	2441	0.96204	2440.5145	2441.4765	---	---
DH5	Ant1	2480	0.96503	2479.5145	2480.4795	---	---
2DH5	Ant1	2402	1.2258	2401.3946	2402.6204	---	---
2DH5	Ant1	2441	1.2318	2440.3946	2441.6264	---	---
2DH5	Ant1	2480	1.2498	2479.3796	2480.6294	---	---
3DH5	Ant1	2402	1.2198	2401.3886	2402.6084	---	---
3DH5	Ant1	2441	1.2318	2440.3826	2441.6144	---	---
3DH5	Ant1	2480	1.2198	2479.3916	2480.6114	---	---

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Test Graphs

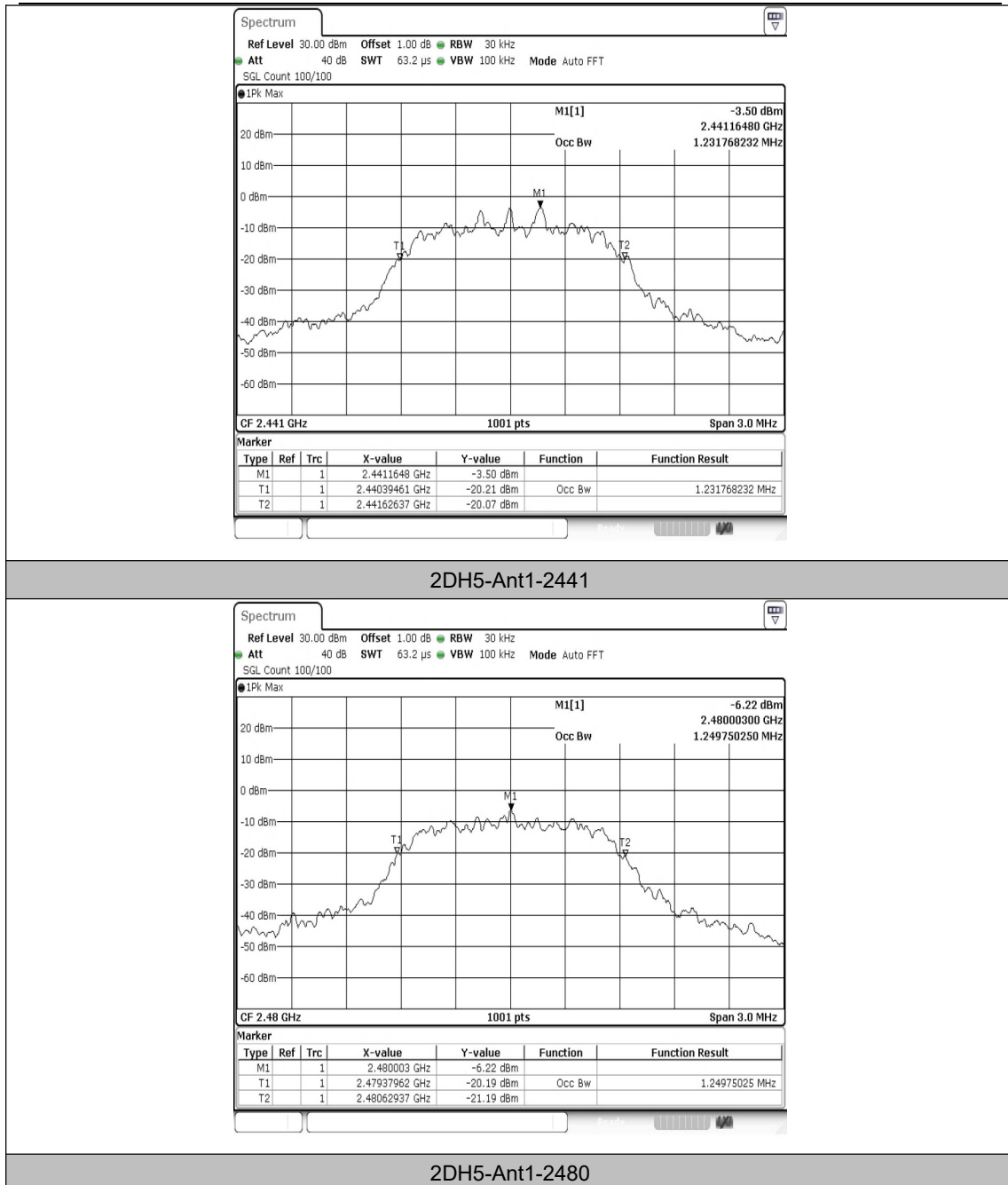


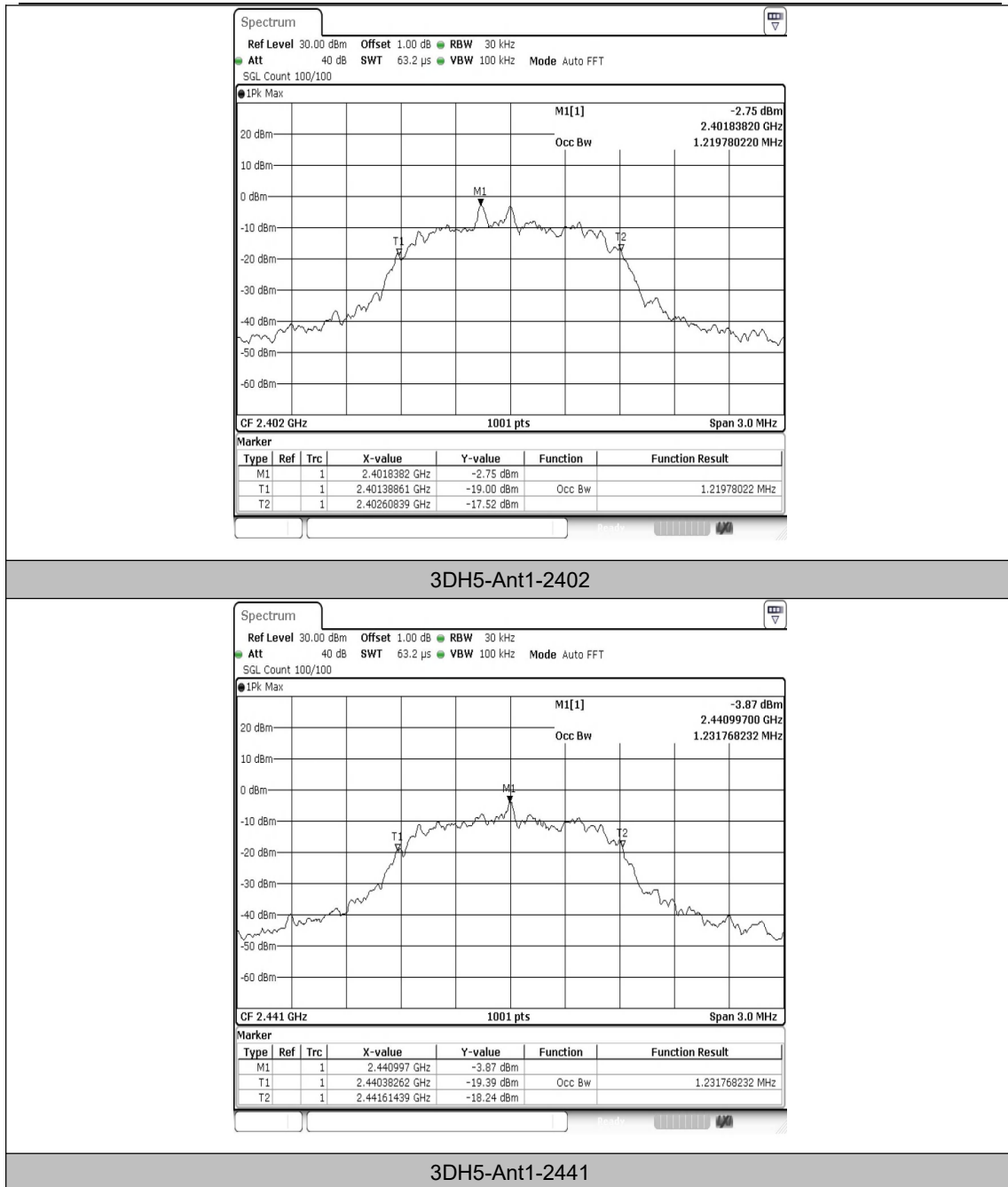


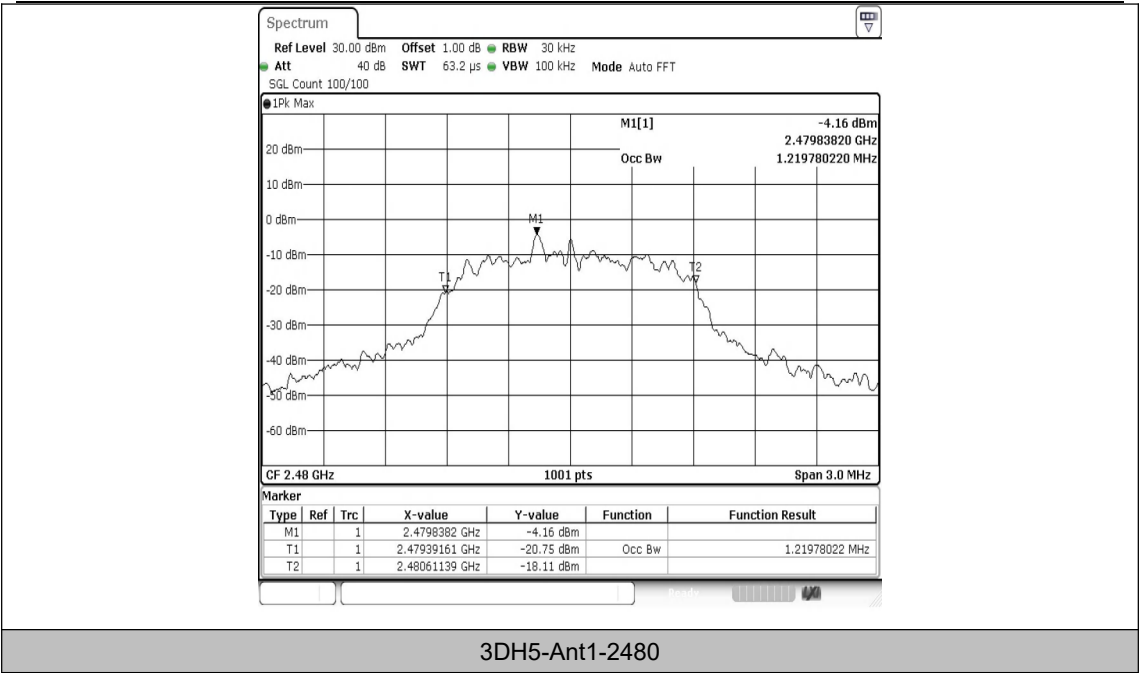
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400-003-0500
www.anbotech.com







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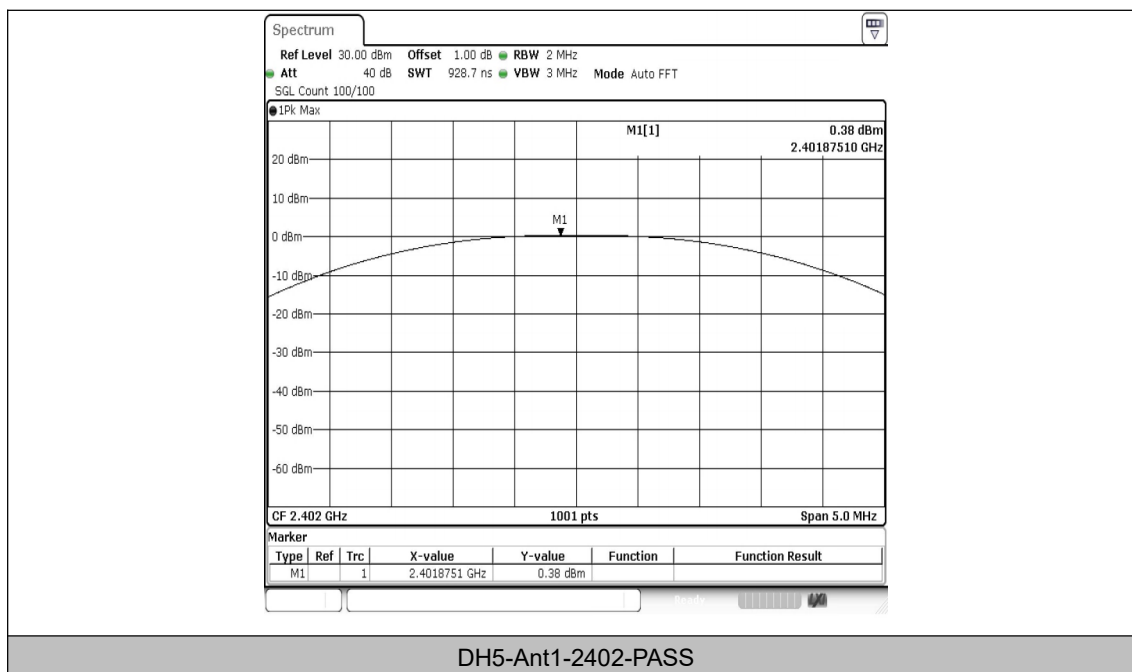
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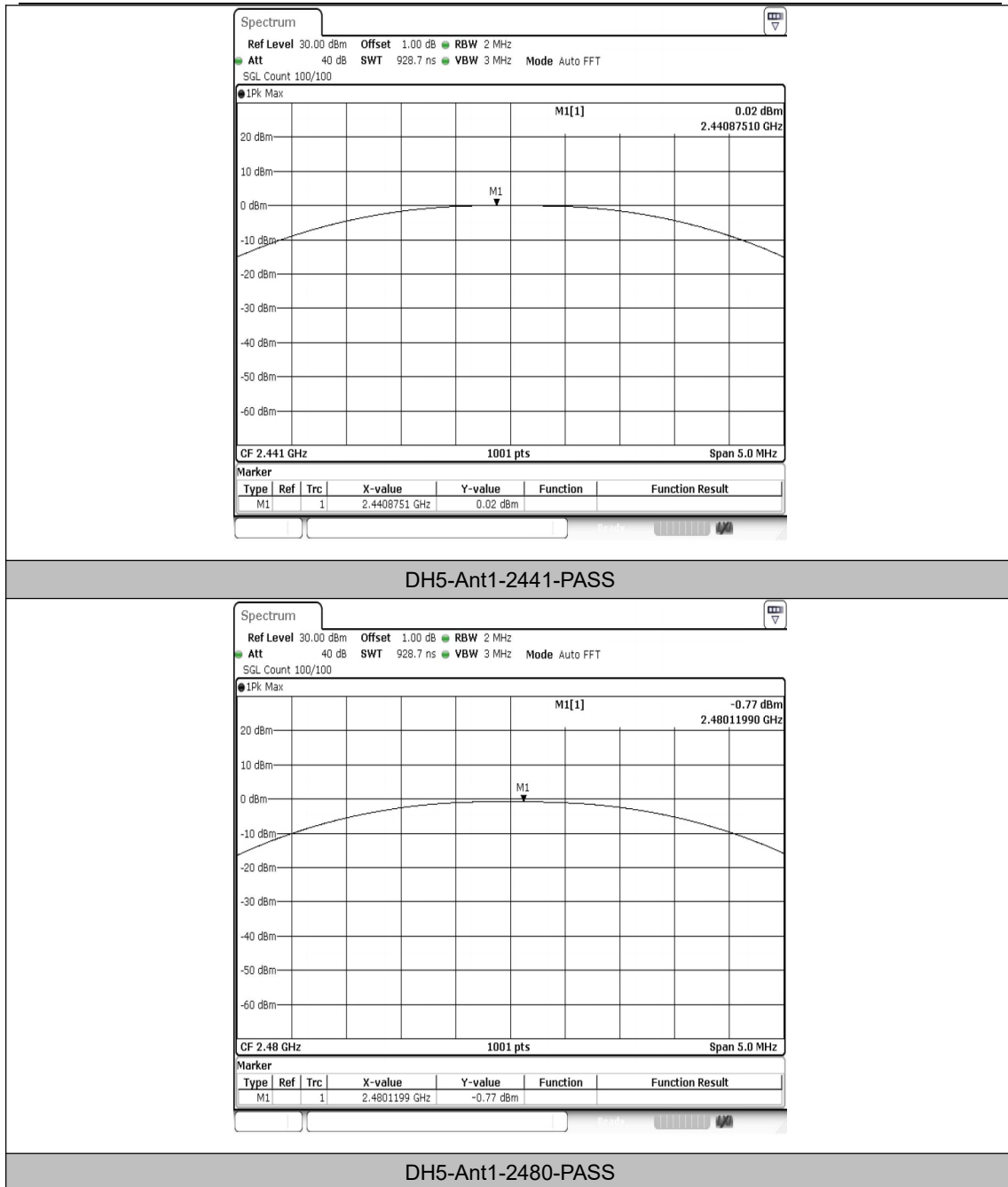
Appendix C: Maximum Conducted Output Power

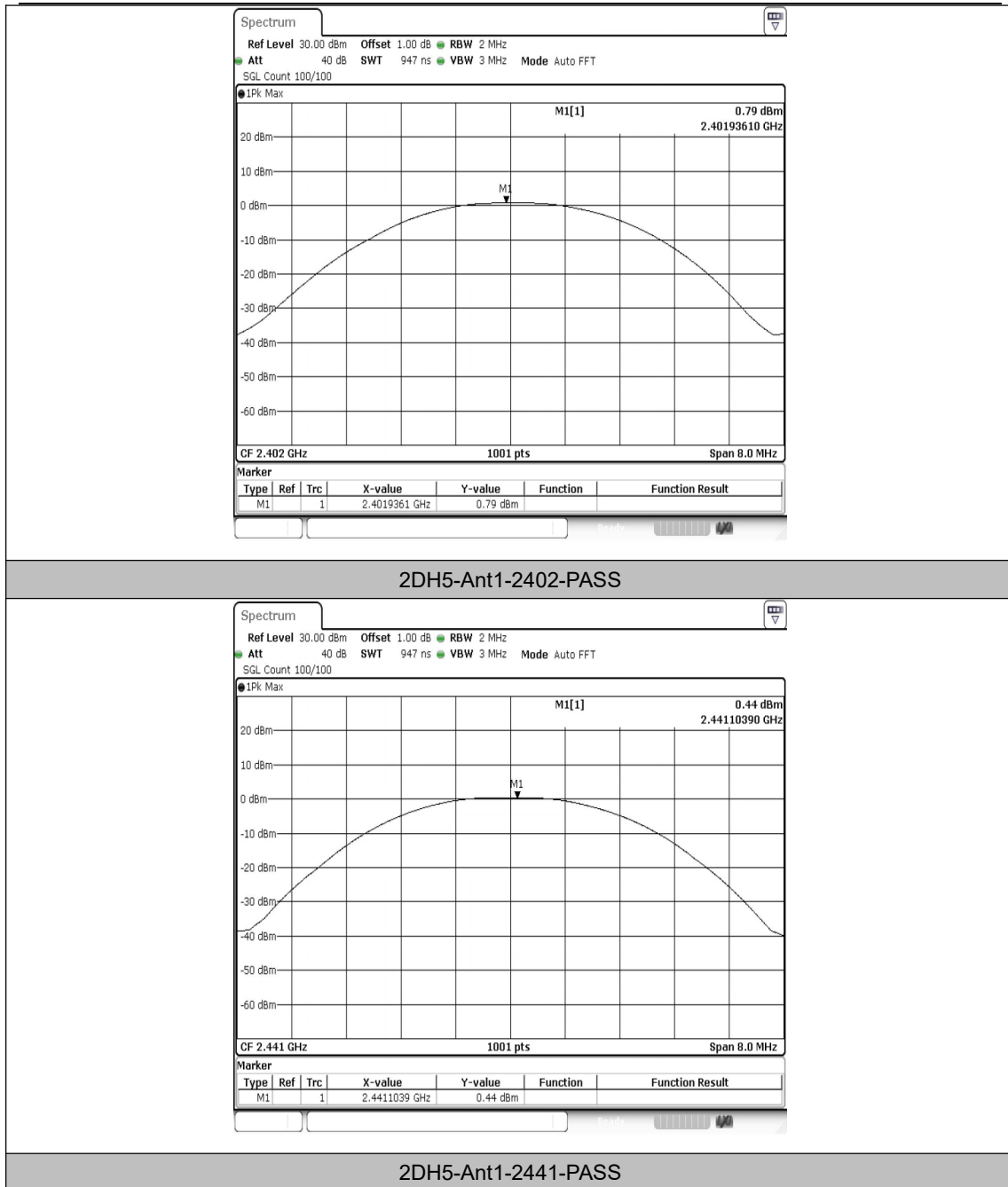
Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	0.38	≤20.97	PASS
DH5	Ant1	2441	0.02	≤20.97	PASS
DH5	Ant1	2480	-0.77	≤20.97	PASS
2DH5	Ant1	2402	0.79	≤20.97	PASS
2DH5	Ant1	2441	0.44	≤20.97	PASS
2DH5	Ant1	2480	-0.20	≤20.97	PASS
3DH5	Ant1	2402	0.96	≤20.97	PASS
3DH5	Ant1	2441	0.57	≤20.97	PASS
3DH5	Ant1	2480	0.17	≤20.97	PASS

Test Graphs



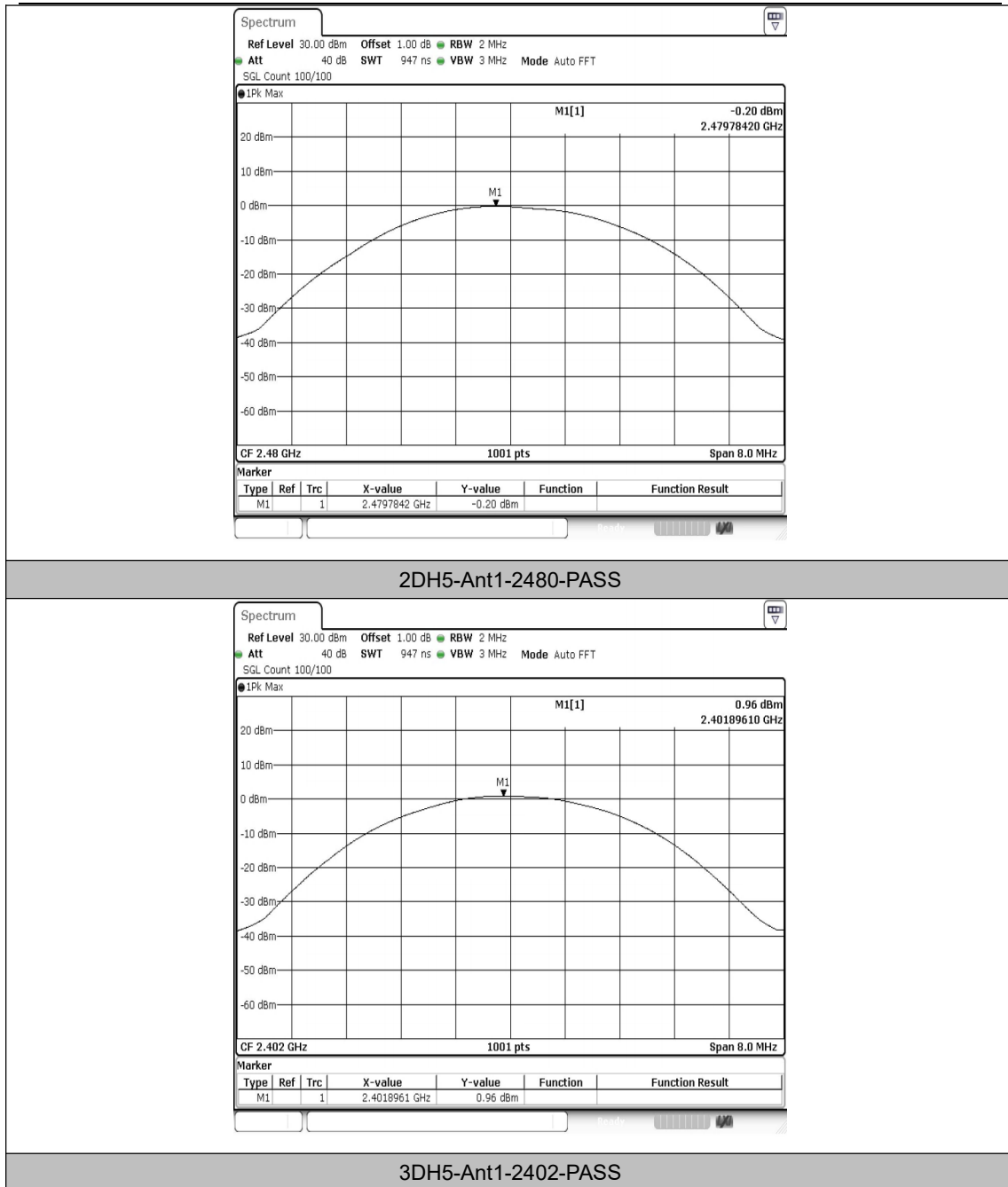




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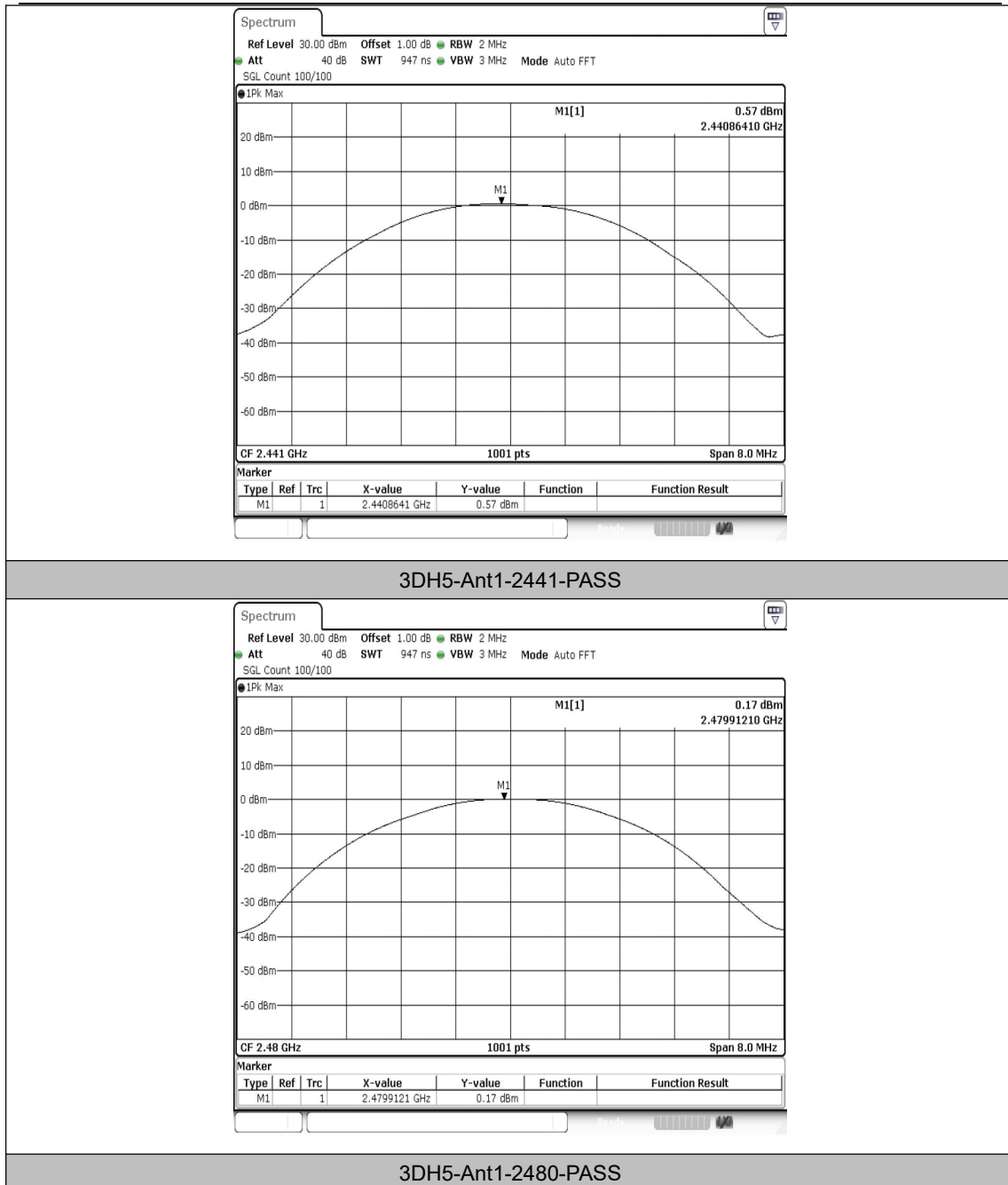
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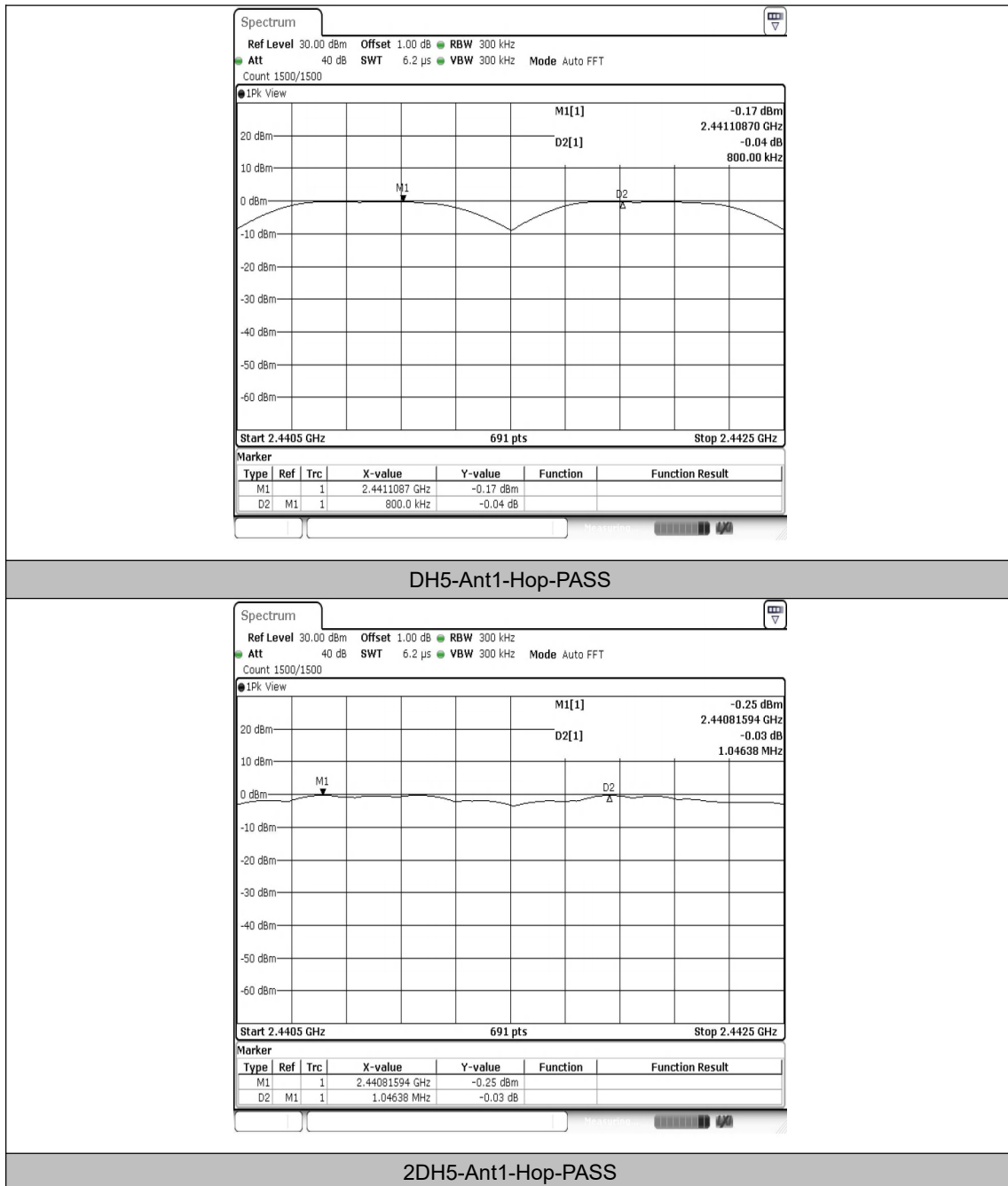
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Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.8	≥0.693	PASS
2DH5	Ant1	Hop	1.046	≥0.893	PASS
3DH5	Ant1	Hop	0.925	≥0.893	PASS

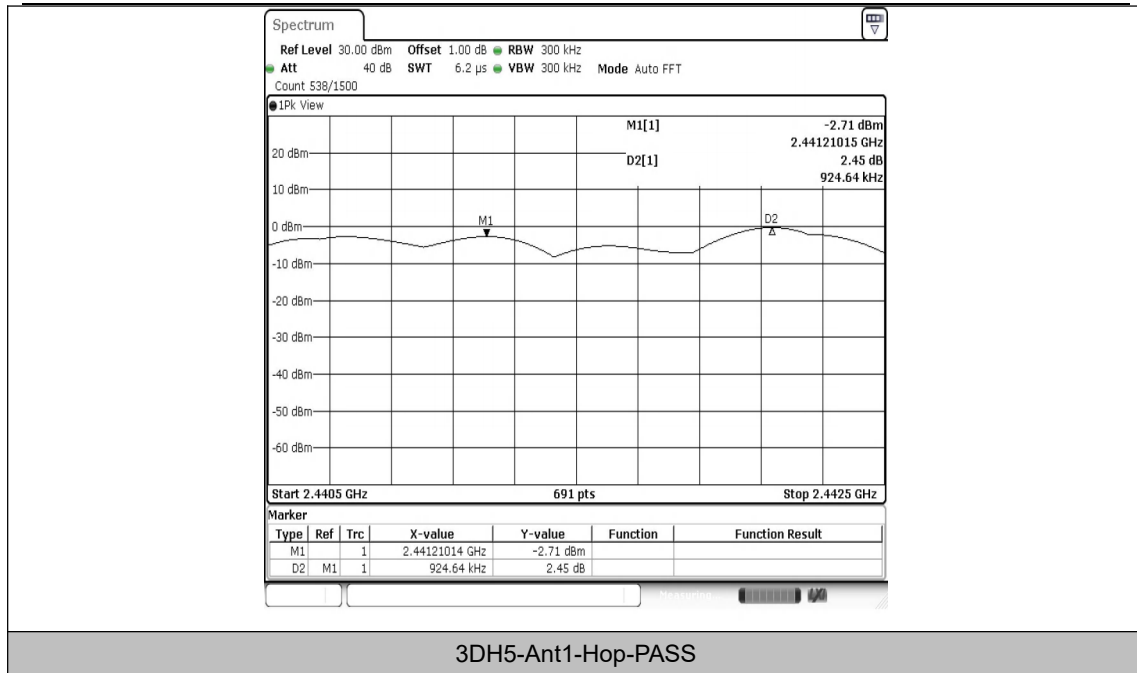
Test Graphs



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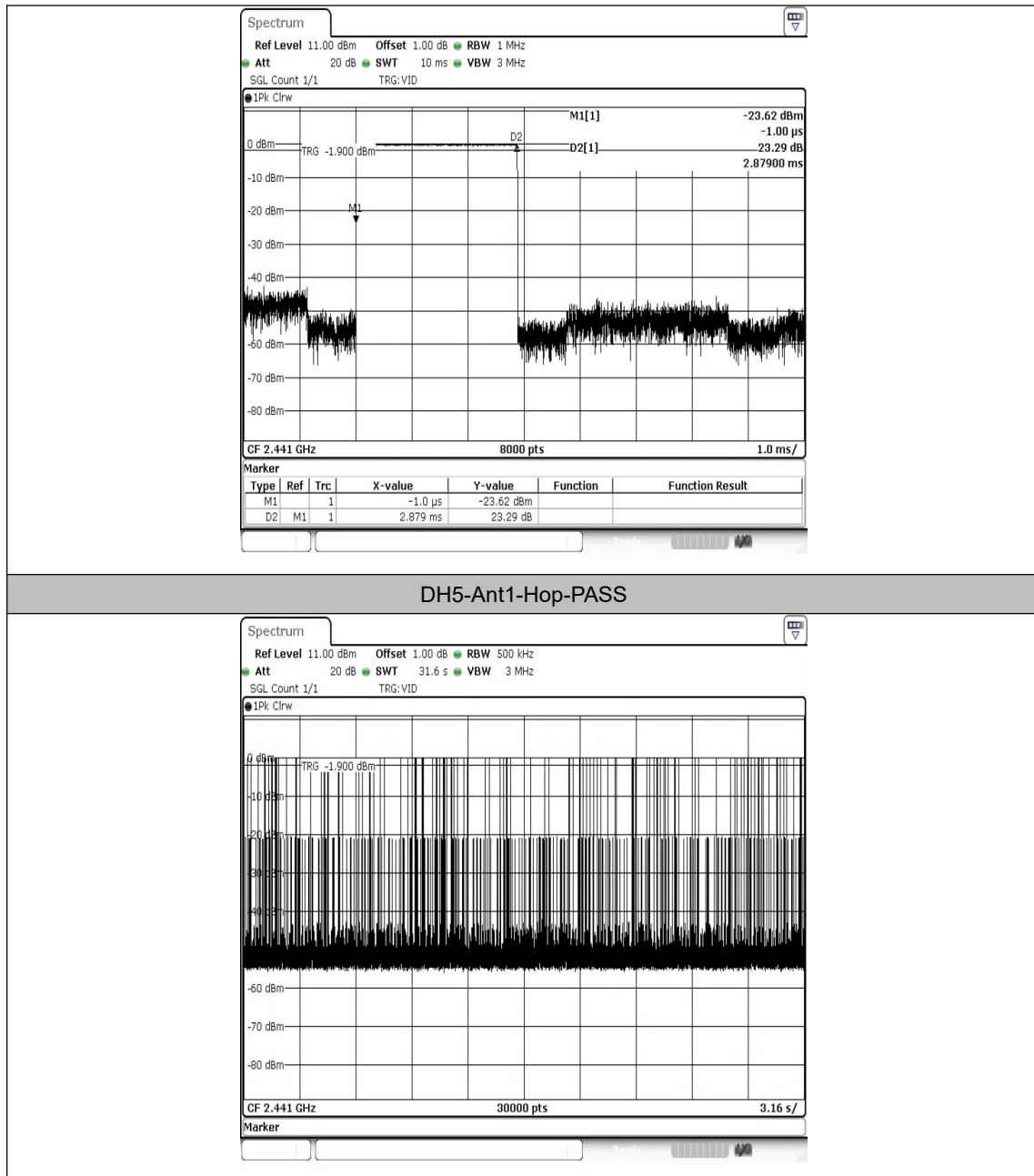
Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.879	111	0.32	≤0.4	PASS
2DH5	Ant1	Hop	2.884	107	0.309	≤0.4	PASS
3DH5	Ant1	Hop	2.887	112	0.323	≤0.4	PASS



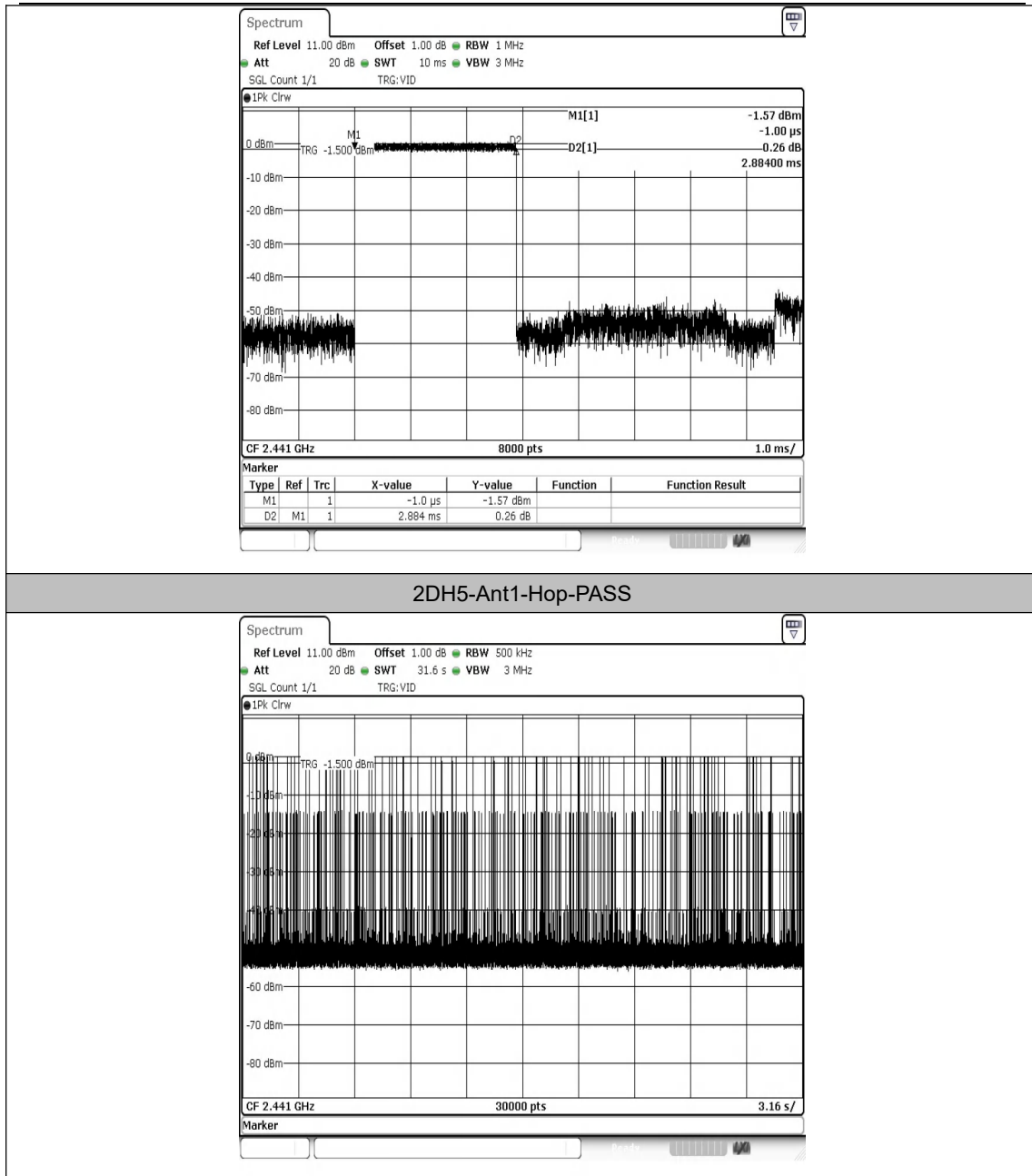
Test Graphs

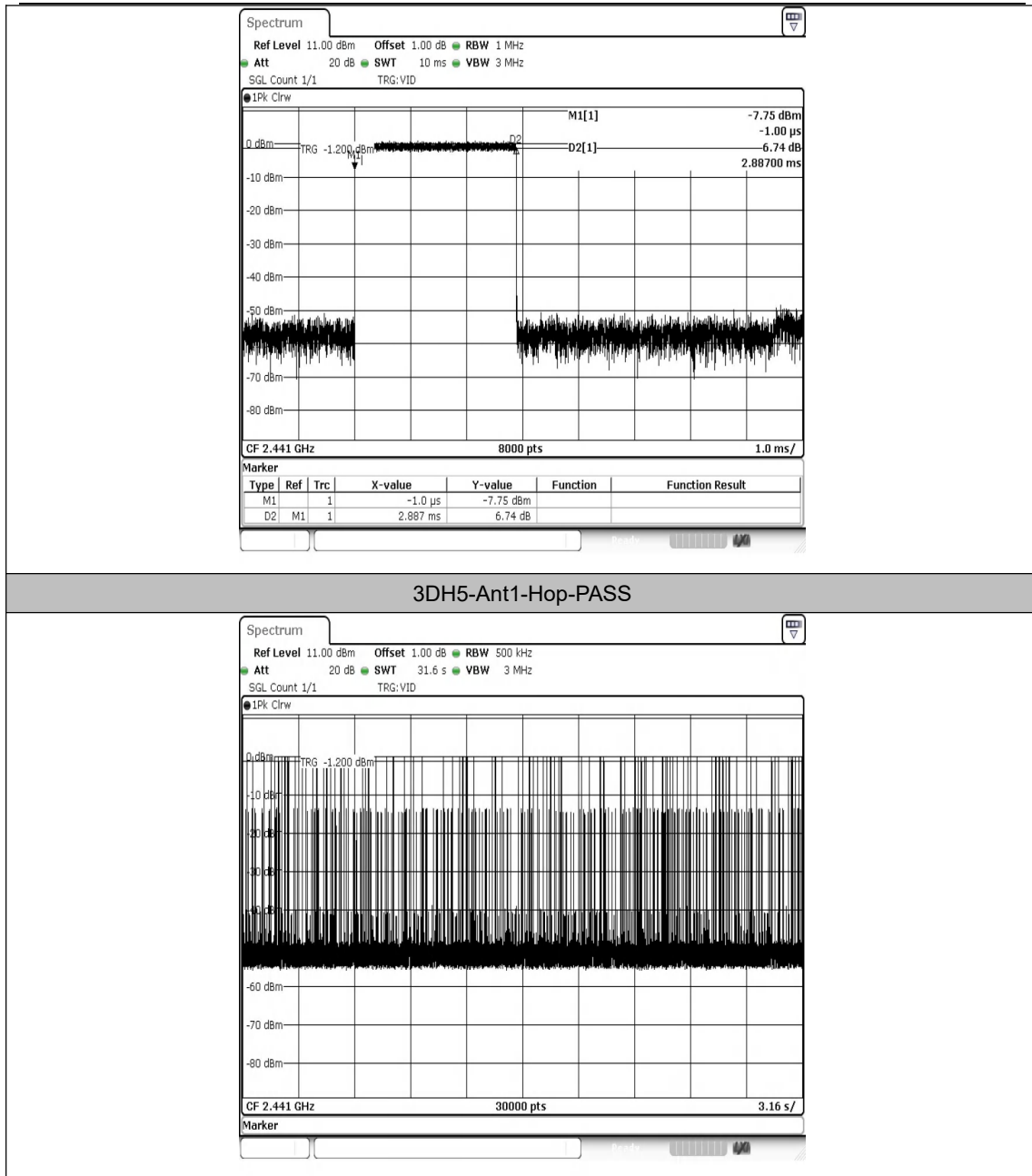


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Tel:(86)0755-26066440 Email:service@anbotek.com

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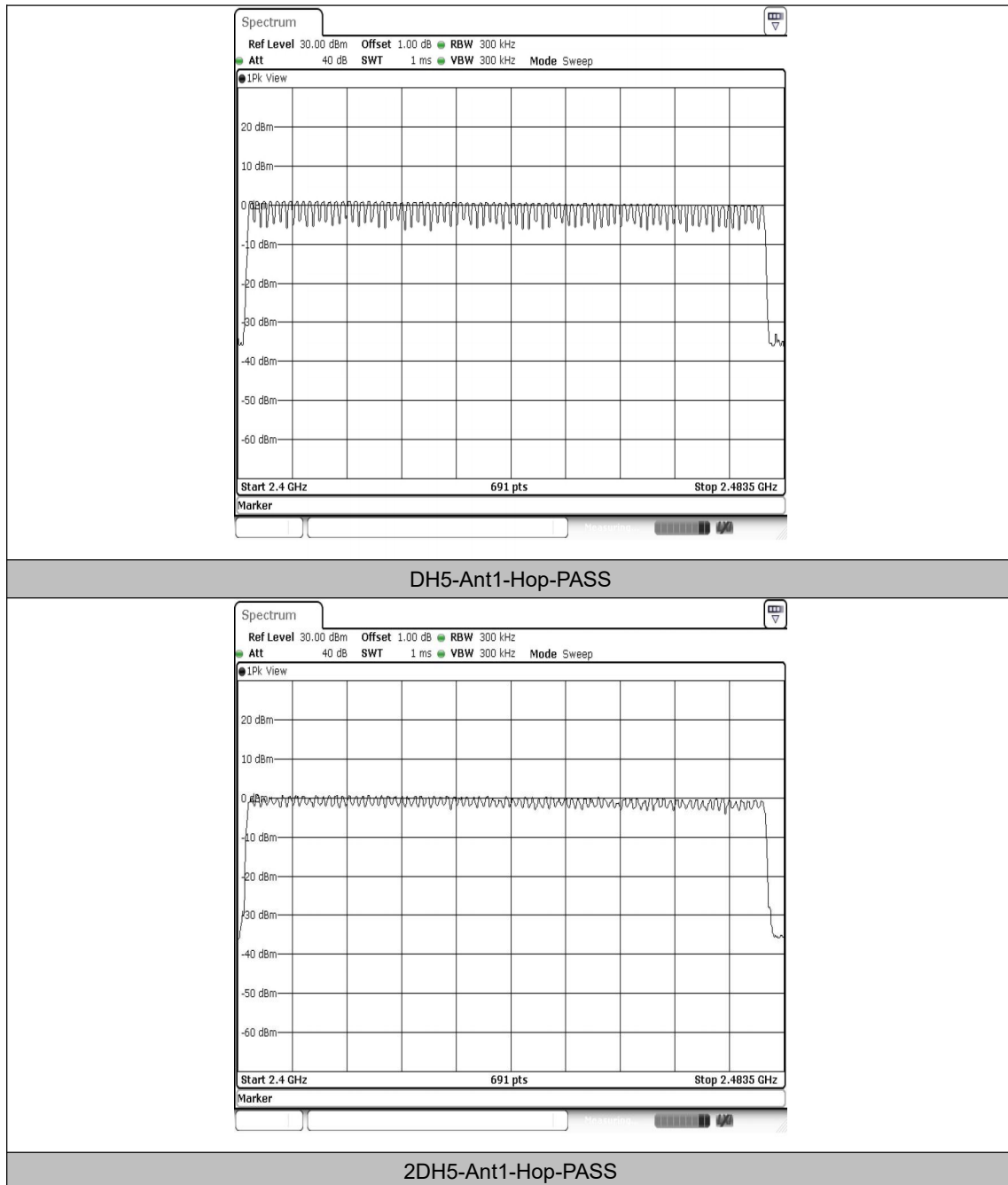
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Appendix F: Number of Hopping Channel

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

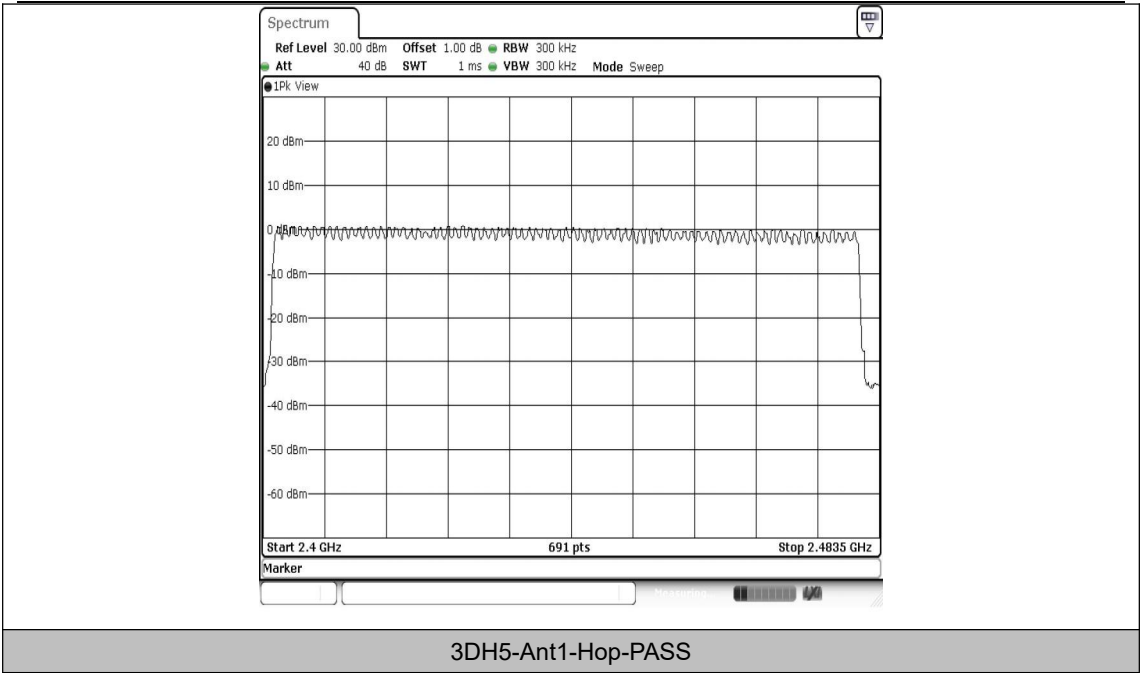
Test Graphs



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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	0.10	-49.77	≤ -19.9	PASS
DH5	Ant1	High	2480	-1.23	-49.77	≤ -21.23	PASS
DH5	Ant1	Low	Hop_2402	-0.49	-49.46	≤ -20.49	PASS
DH5	Ant1	High	Hop_2480	-1.20	-49.74	≤ -21.2	PASS
2DH5	Ant1	Low	2402	0.15	-49.18	≤ -19.85	PASS
2DH5	Ant1	High	2480	-1.19	-51.69	≤ -21.19	PASS
2DH5	Ant1	Low	Hop_2402	-1.23	-52.31	≤ -21.23	PASS
2DH5	Ant1	High	Hop_2480	-1.68	-51.76	≤ -21.68	PASS
3DH5	Ant1	Low	2402	0.00	-50.18	≤ -20	PASS
3DH5	Ant1	High	2480	-1.50	-51.03	≤ -21.5	PASS
3DH5	Ant1	Low	Hop_2402	0.18	-51.11	≤ -19.82	PASS
3DH5	Ant1	High	Hop_2480	-2.78	-51.98	≤ -22.78	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

