

Appendix Test Data

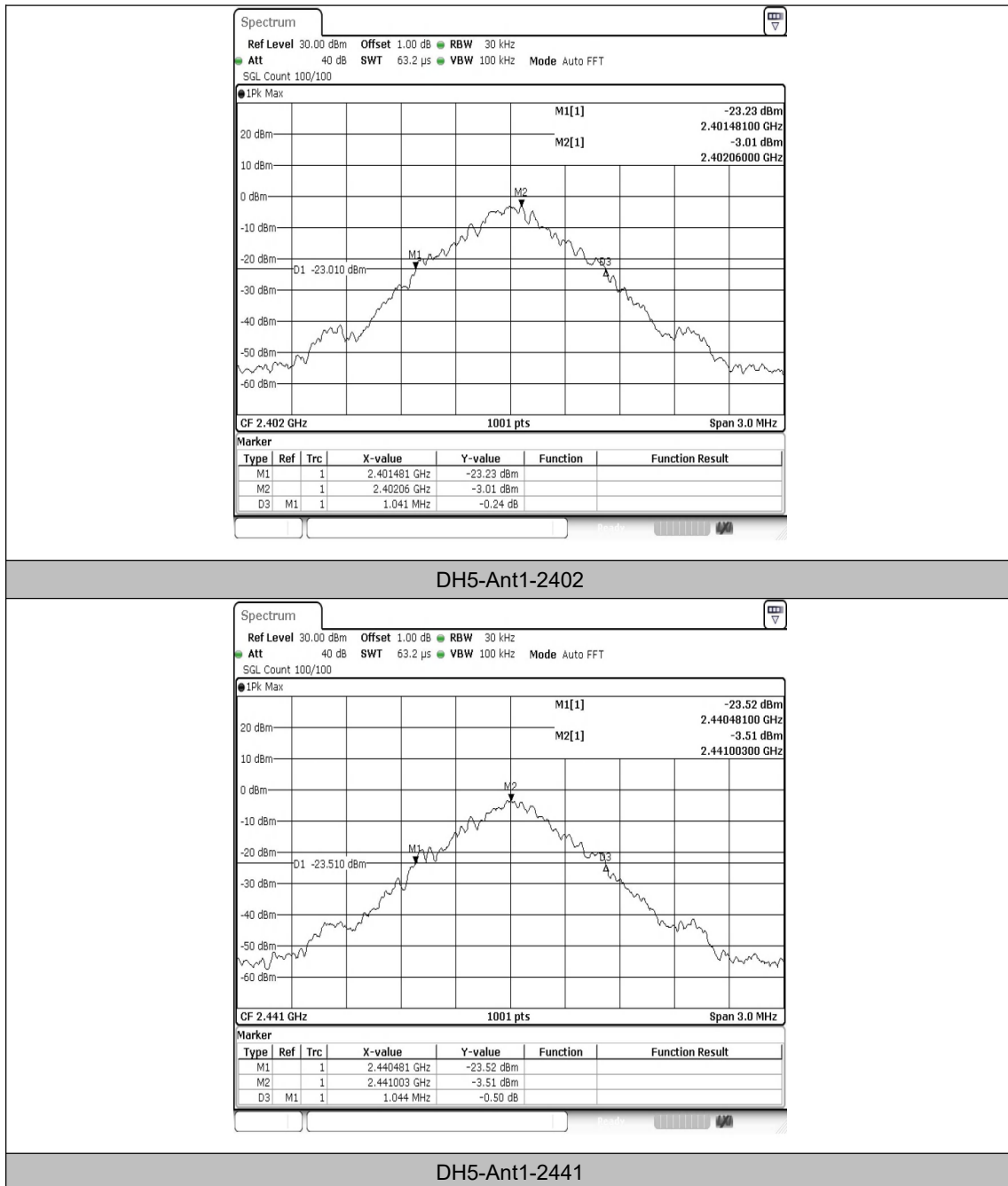
Report No.:	1812C50252412501	Test Sample No.:	1-2-2
Start Test Date:	2025-5-27	Finish Test Date:	2025-6-6
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	25°C	Relative Humidity:	50%
Pressure:	101kPa		

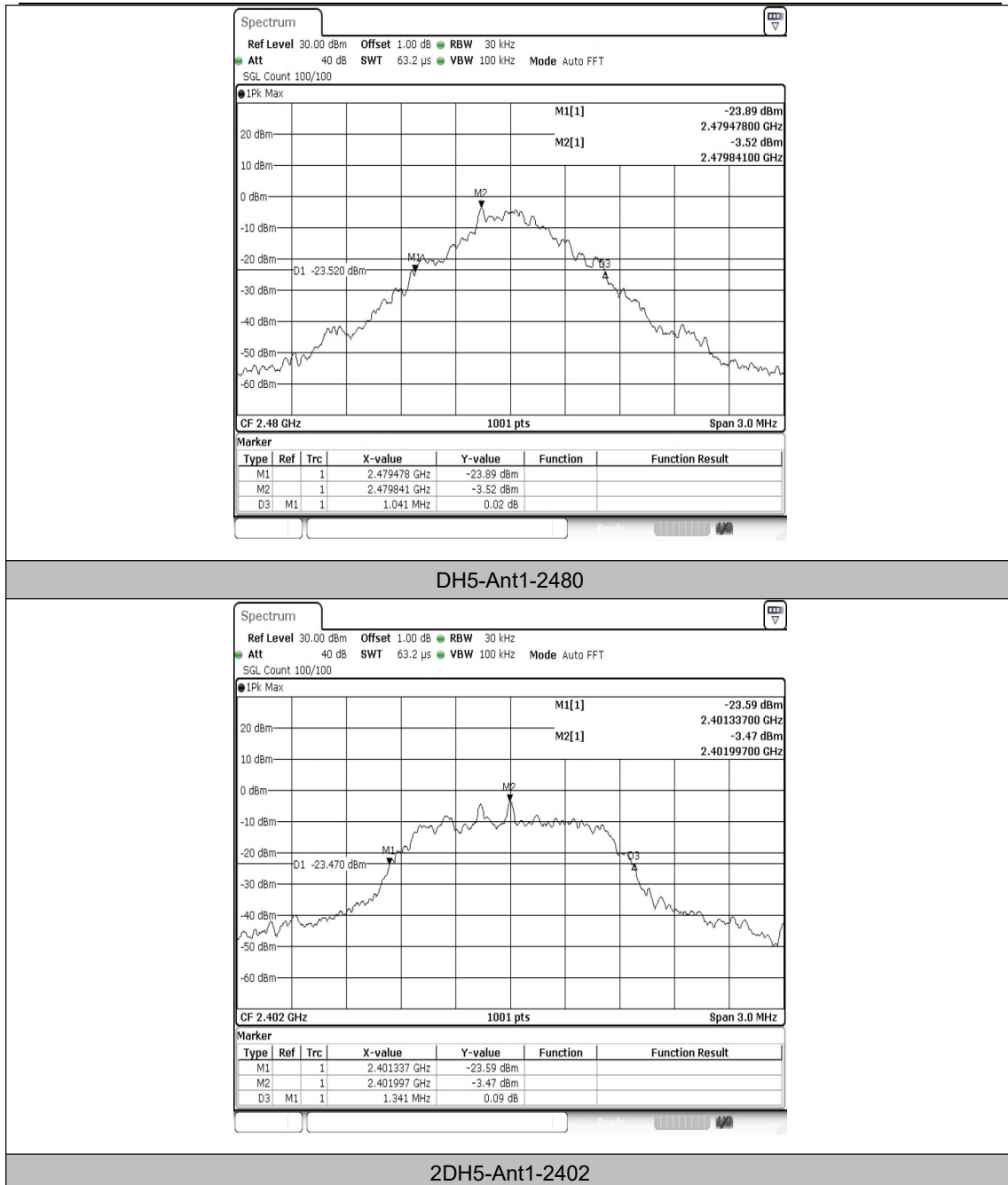
Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.04	2401.48	2402.52	---	---
DH5	Ant1	2441	1.04	2440.48	2441.53	---	---
DH5	Ant1	2480	1.04	2479.48	2480.52	---	---
2DH5	Ant1	2402	1.34	2401.34	2402.68	---	---
2DH5	Ant1	2441	1.33	2440.34	2441.67	---	---
2DH5	Ant1	2480	1.37	2479.32	2480.69	---	---
3DH5	Ant1	2402	1.30	2401.36	2402.65	---	---
3DH5	Ant1	2441	1.30	2440.35	2441.65	---	---
3DH5	Ant1	2480	1.30	2479.35	2480.65	---	---

Test Graphs

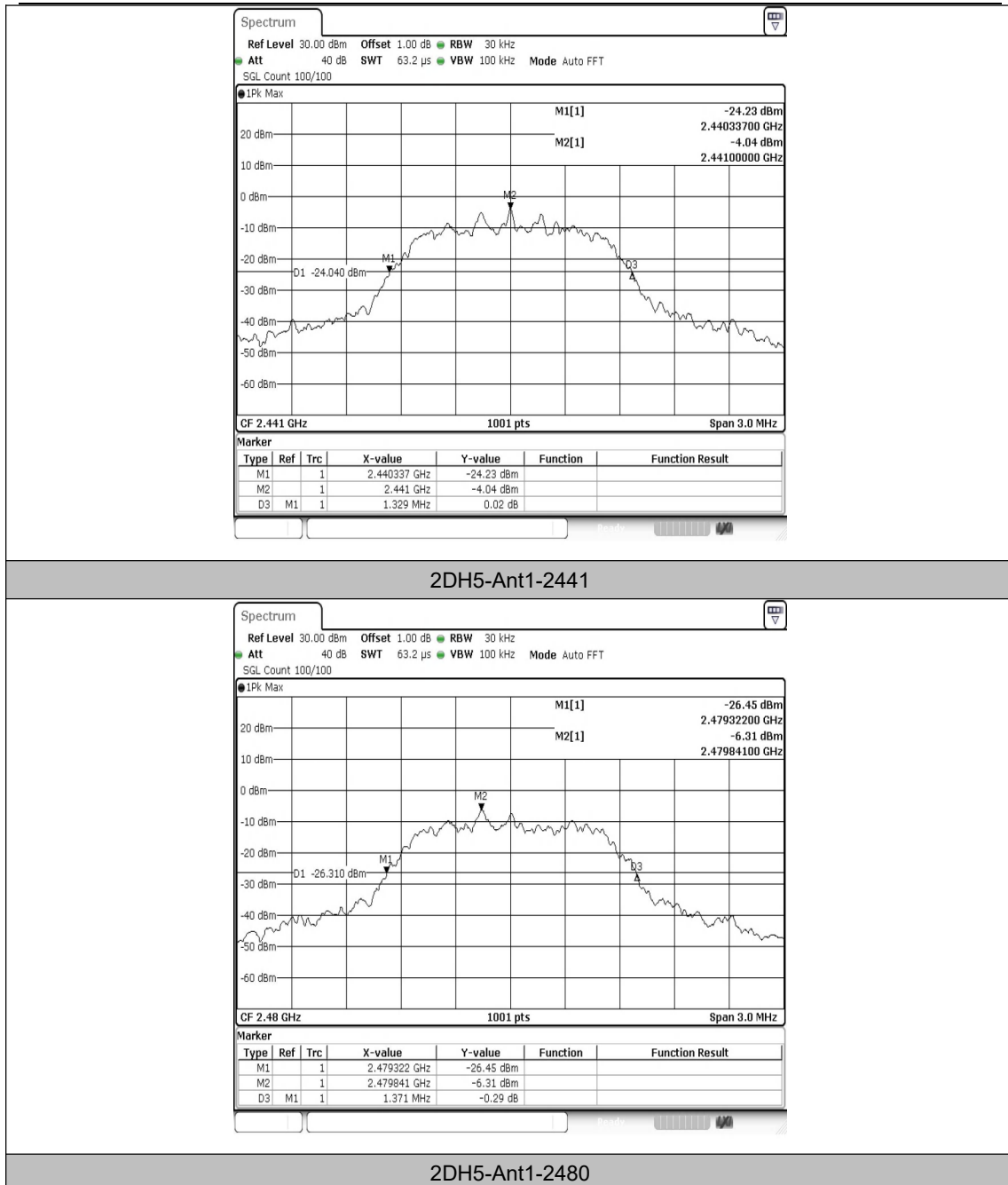


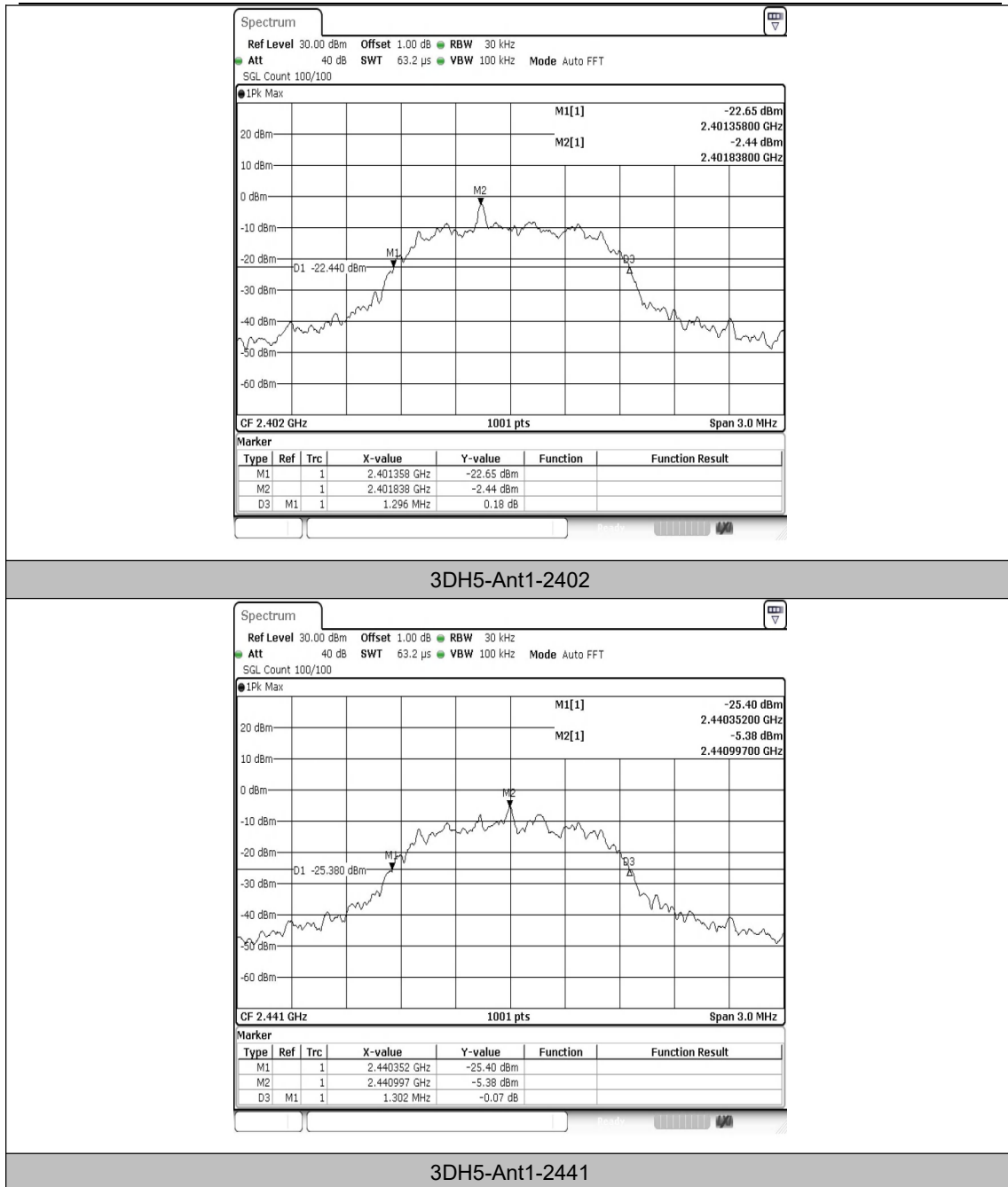


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Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel: (86) 0755-26066440 Email: service@anbotek.com

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400-003-0500
www.anbotek.com







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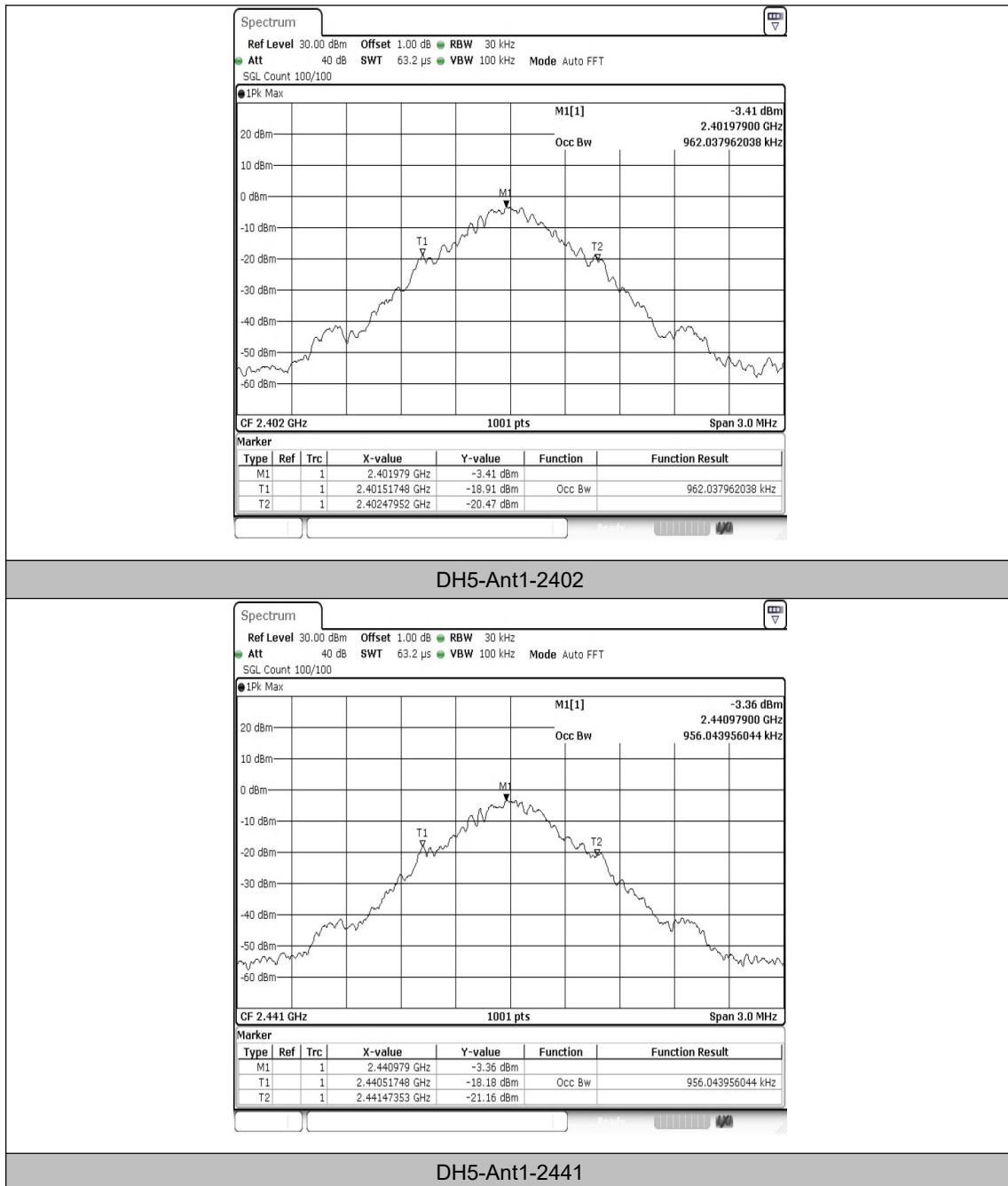
Appendix B: 99% Occupied Bandwidth

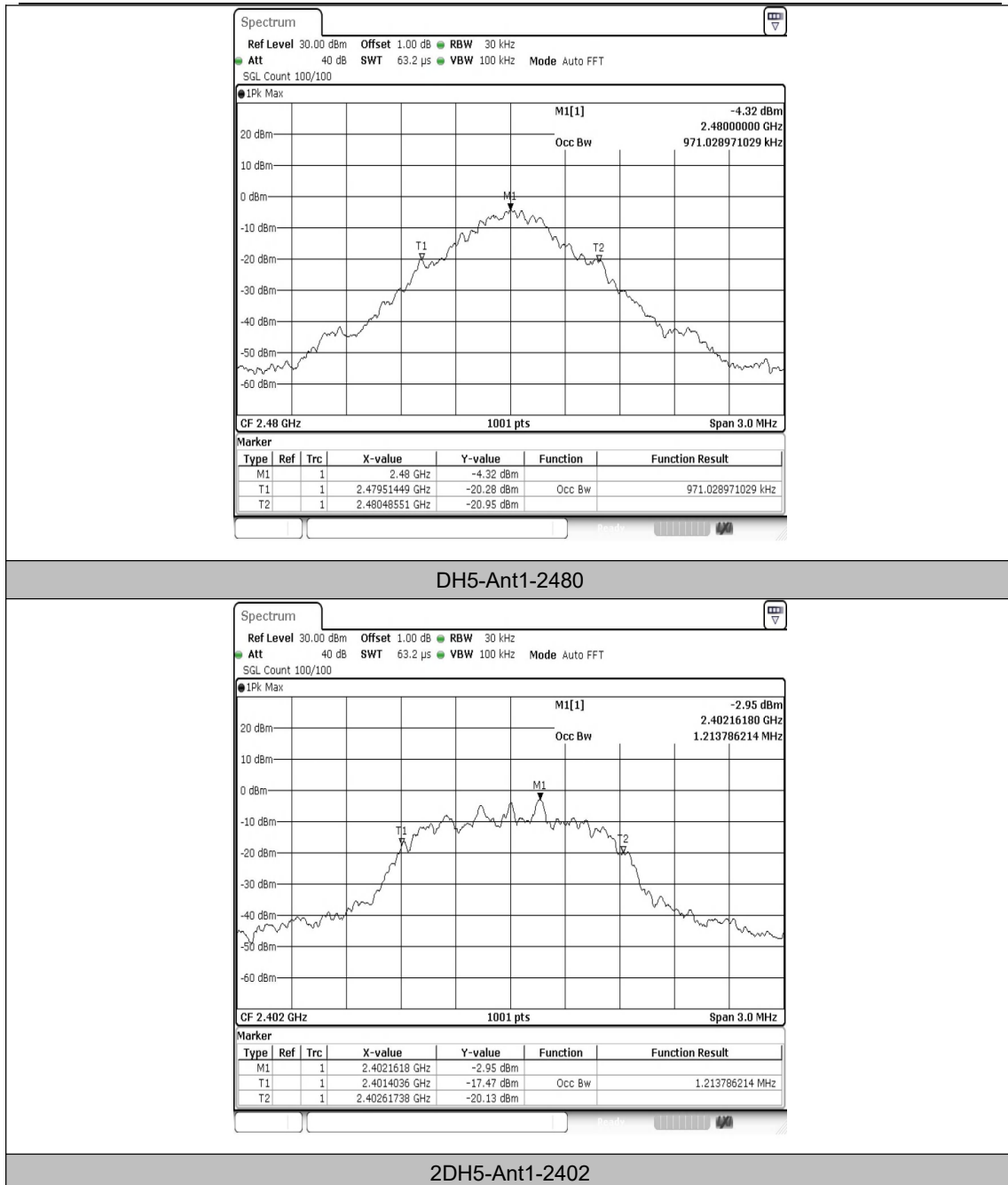
Test Result

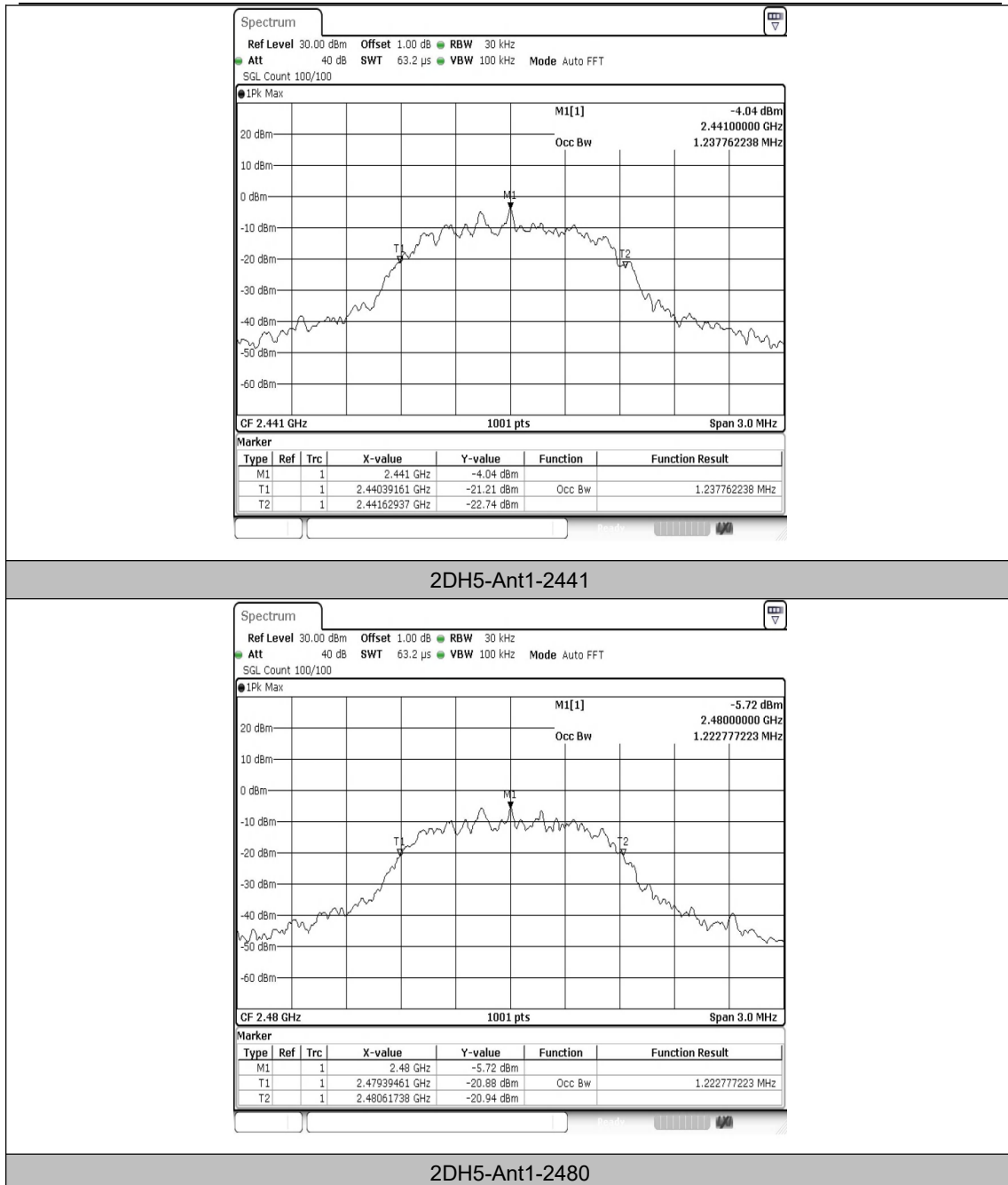
Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.96204	2401.5175	2402.4795	---	---
DH5	Ant1	2441	0.95604	2440.5175	2441.4735	---	---
DH5	Ant1	2480	0.97103	2479.5145	2480.4855	---	---
2DH5	Ant1	2402	1.2138	2401.4036	2402.6174	---	---
2DH5	Ant1	2441	1.2378	2440.3916	2441.6294	---	---
2DH5	Ant1	2480	1.2228	2479.3946	2480.6174	---	---
3DH5	Ant1	2402	1.2228	2401.3886	2402.6114	---	---
3DH5	Ant1	2441	1.2348	2440.3826	2441.6174	---	---
3DH5	Ant1	2480	1.2228	2479.3916	2480.6144	---	---

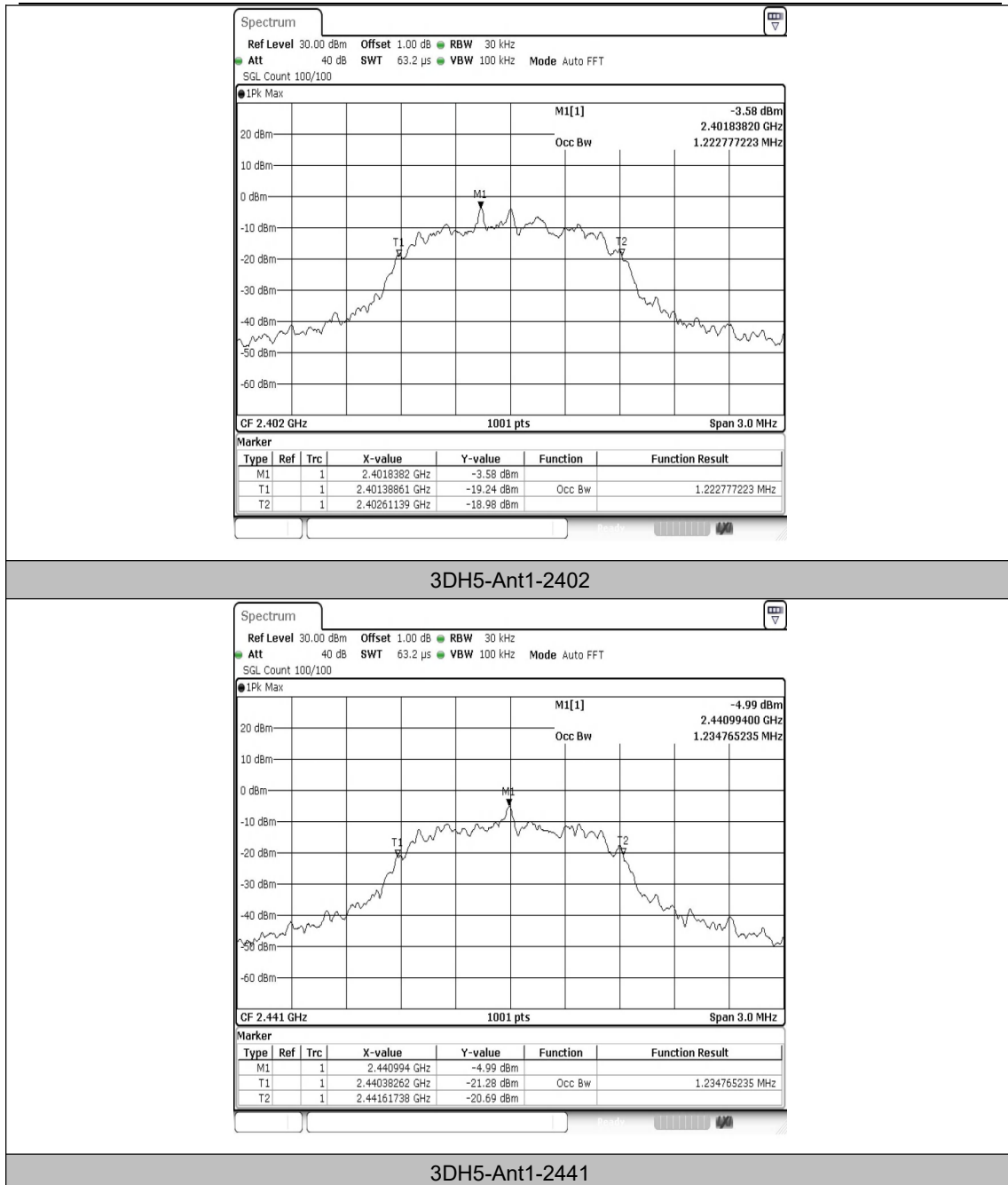


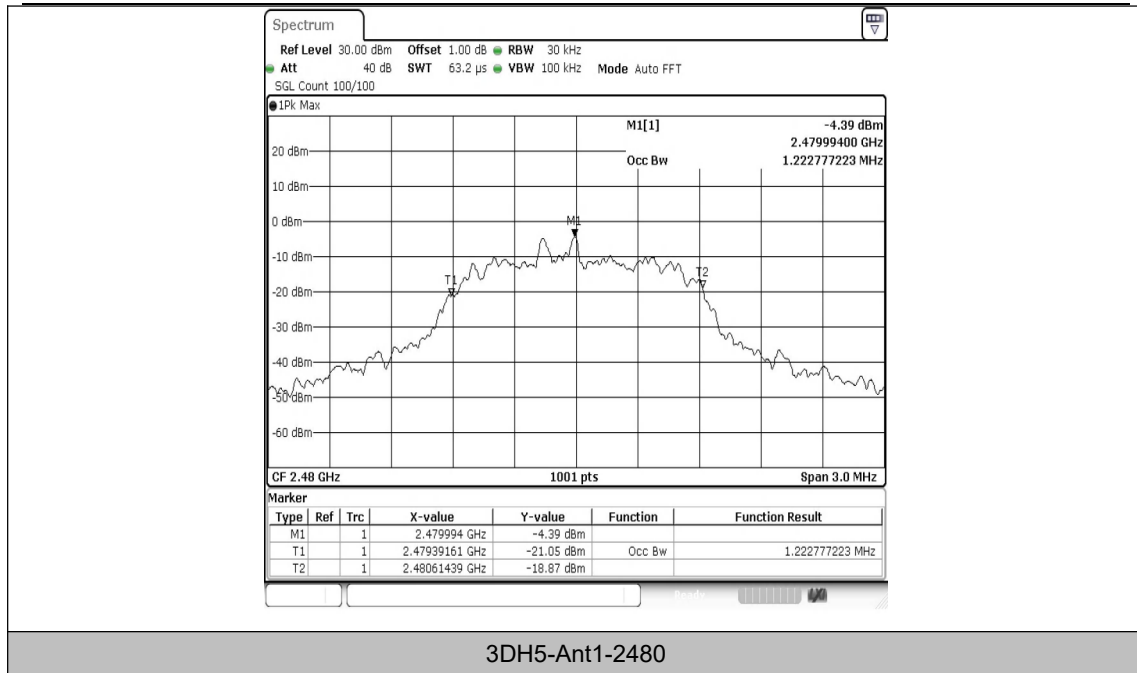
Test Graphs











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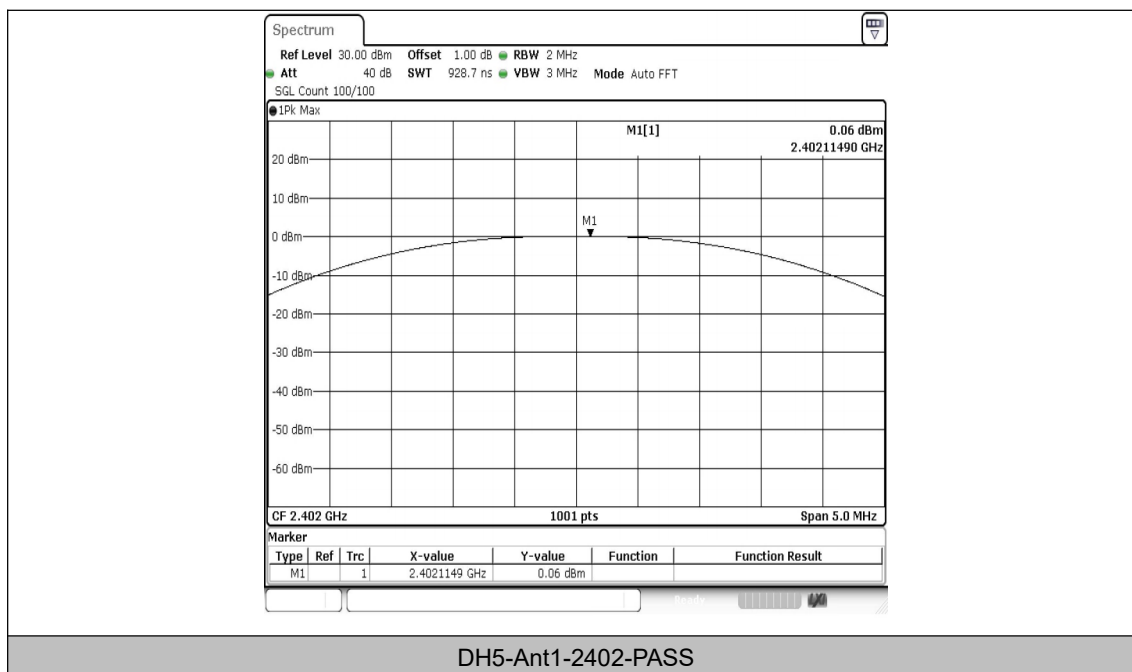
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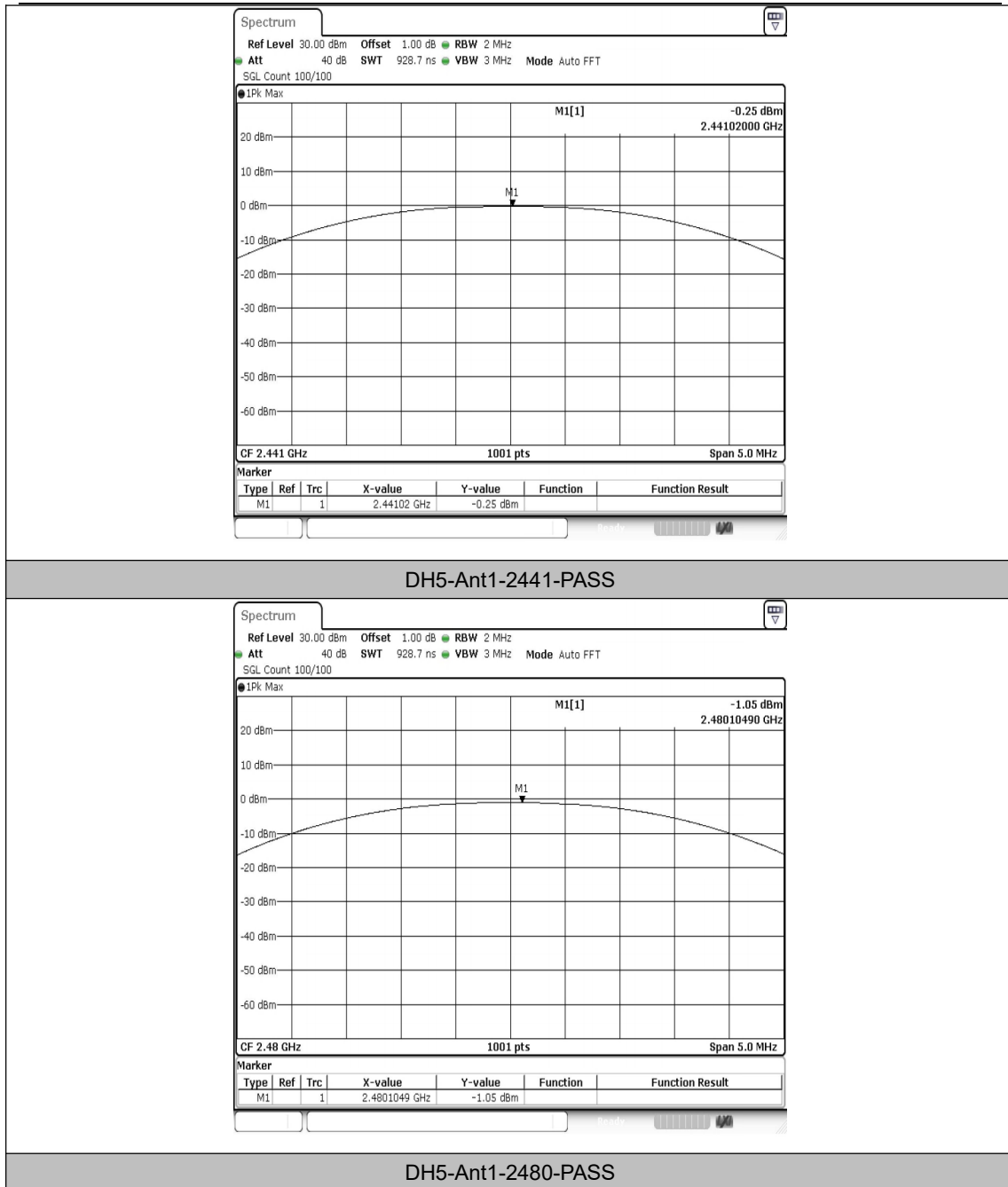
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	0.06	≤20.97	PASS
DH5	Ant1	2441	-0.25	≤20.97	PASS
DH5	Ant1	2480	-1.05	≤20.97	PASS
2DH5	Ant1	2402	0.59	≤20.97	PASS
2DH5	Ant1	2441	0.00	≤20.97	PASS
2DH5	Ant1	2480	-0.70	≤20.97	PASS
3DH5	Ant1	2402	0.69	≤20.97	PASS
3DH5	Ant1	2441	-1.11	≤20.97	PASS
3DH5	Ant1	2480	-0.22	≤20.97	PASS

Test Graphs



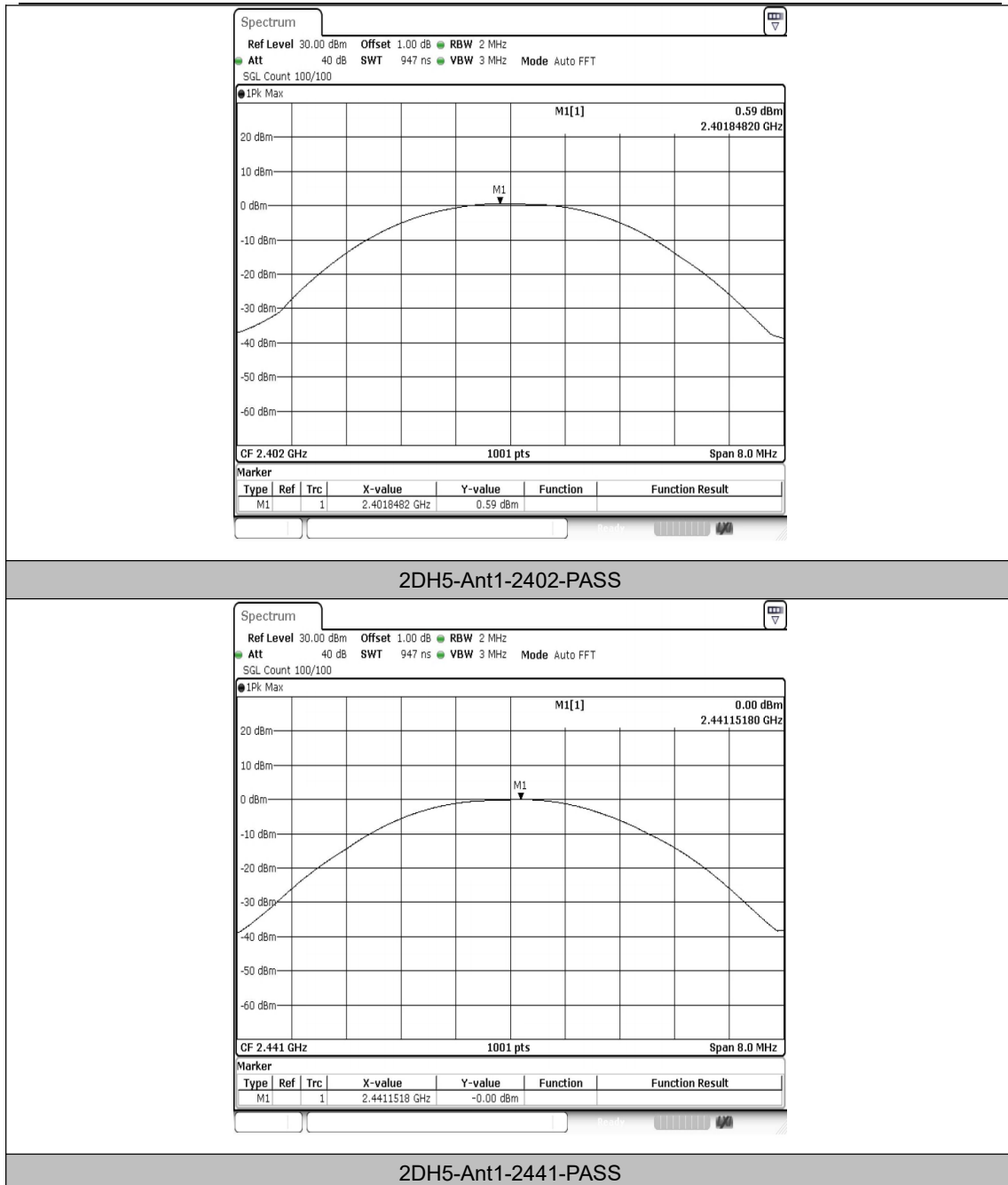


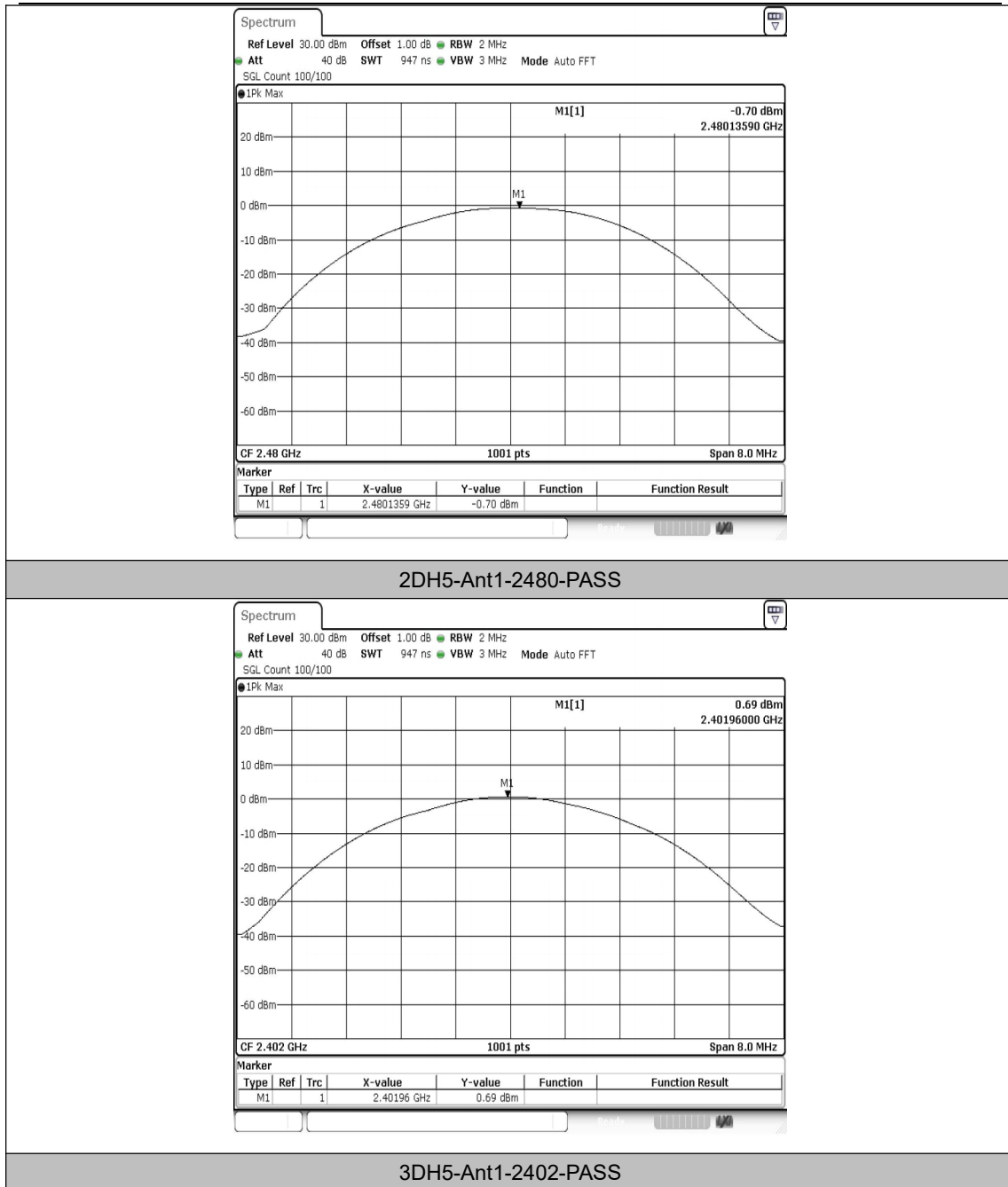
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Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
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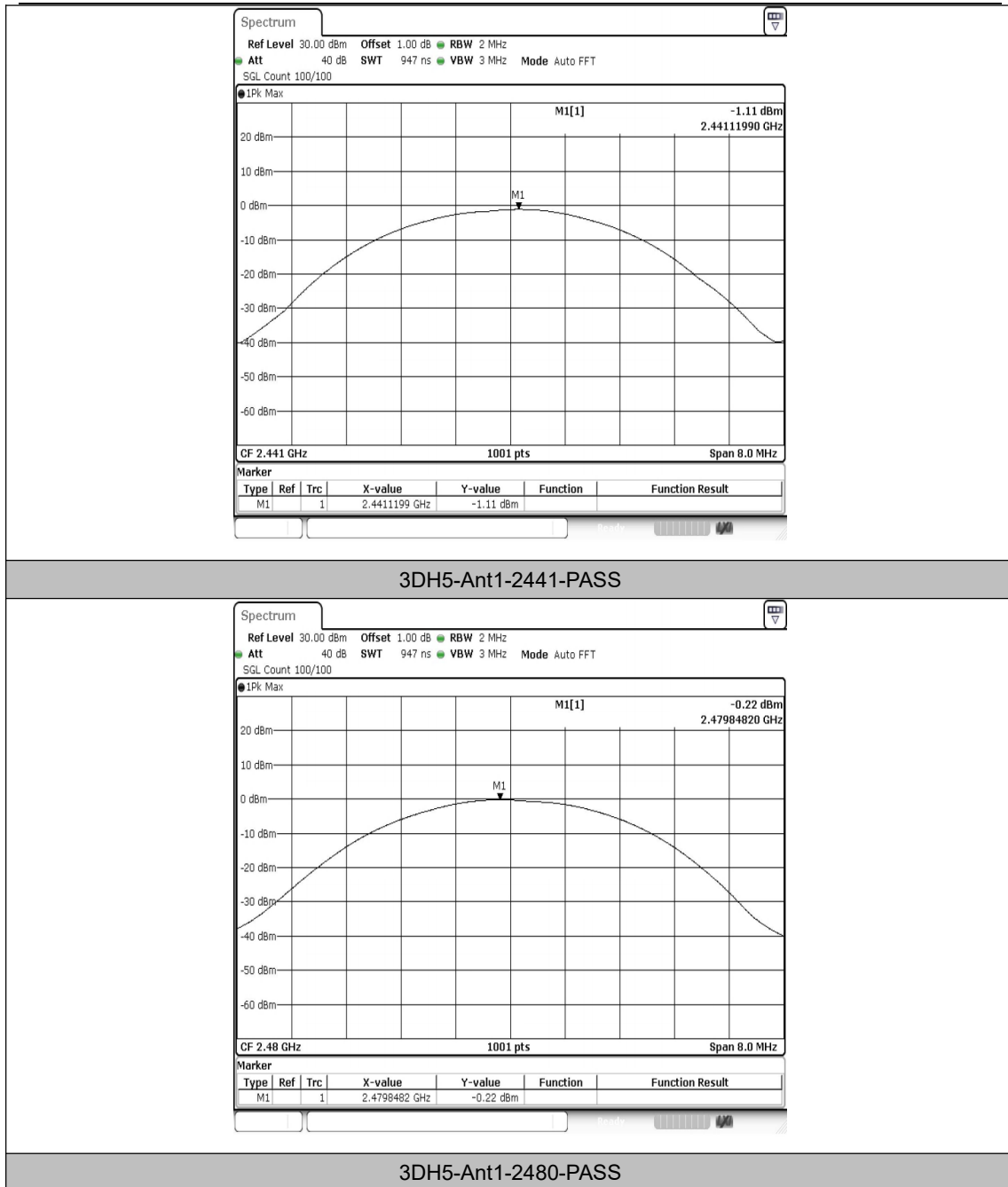




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www.anbotek.com



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Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel: (86) 0755-26066440 Email: service@anbotech.com

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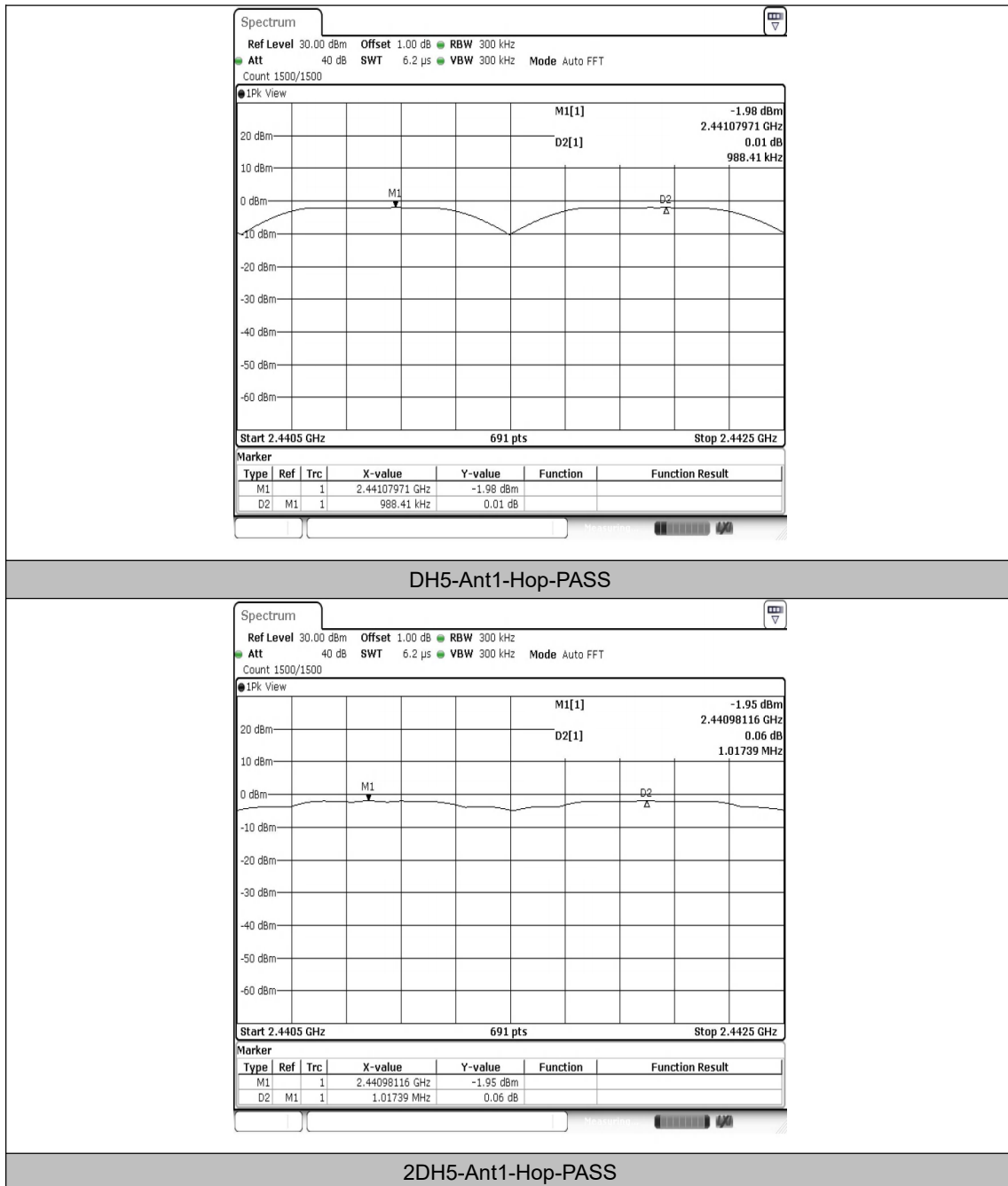
Appendix D: Carrier frequency separation

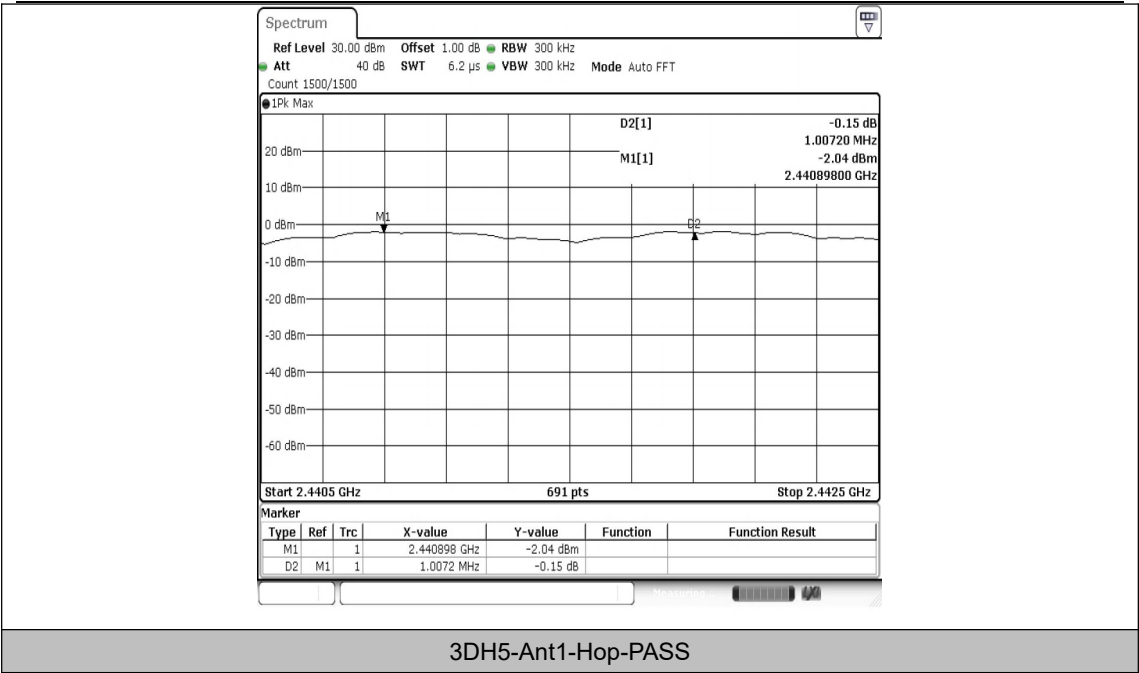
Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.988	≥ 0.693	PASS
2DH5	Ant1	Hop	1.017	≥ 0.913	PASS
3DH5	Ant1	Hop	1.007	≥ 0.867	PASS



Test Graphs





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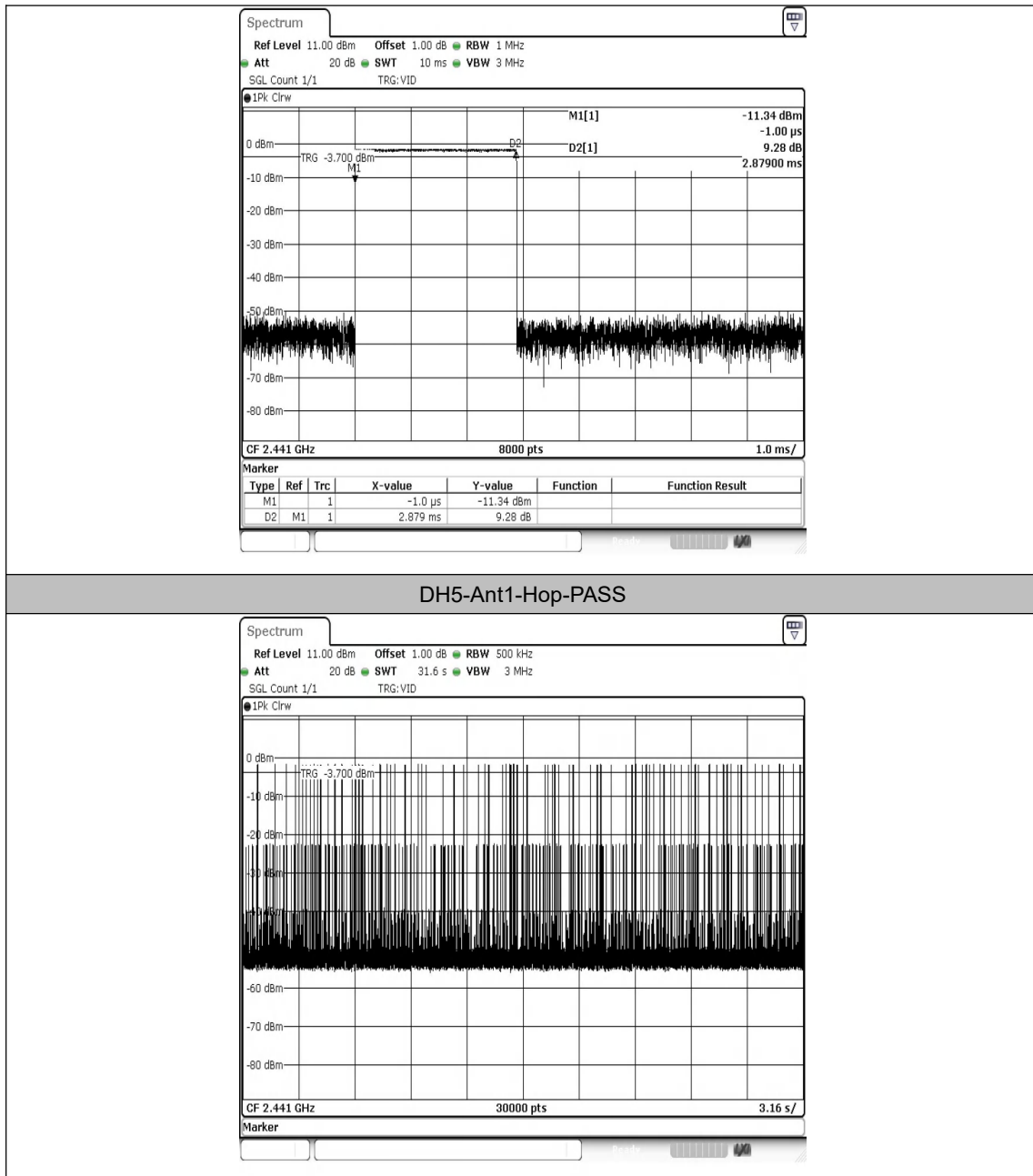
Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.879	106	0.305	≤0.4	PASS
2DH5	Ant1	Hop	2.885	107	0.309	≤0.4	PASS
3DH5	Ant1	Hop	2.888	97	0.28	≤0.4	PASS



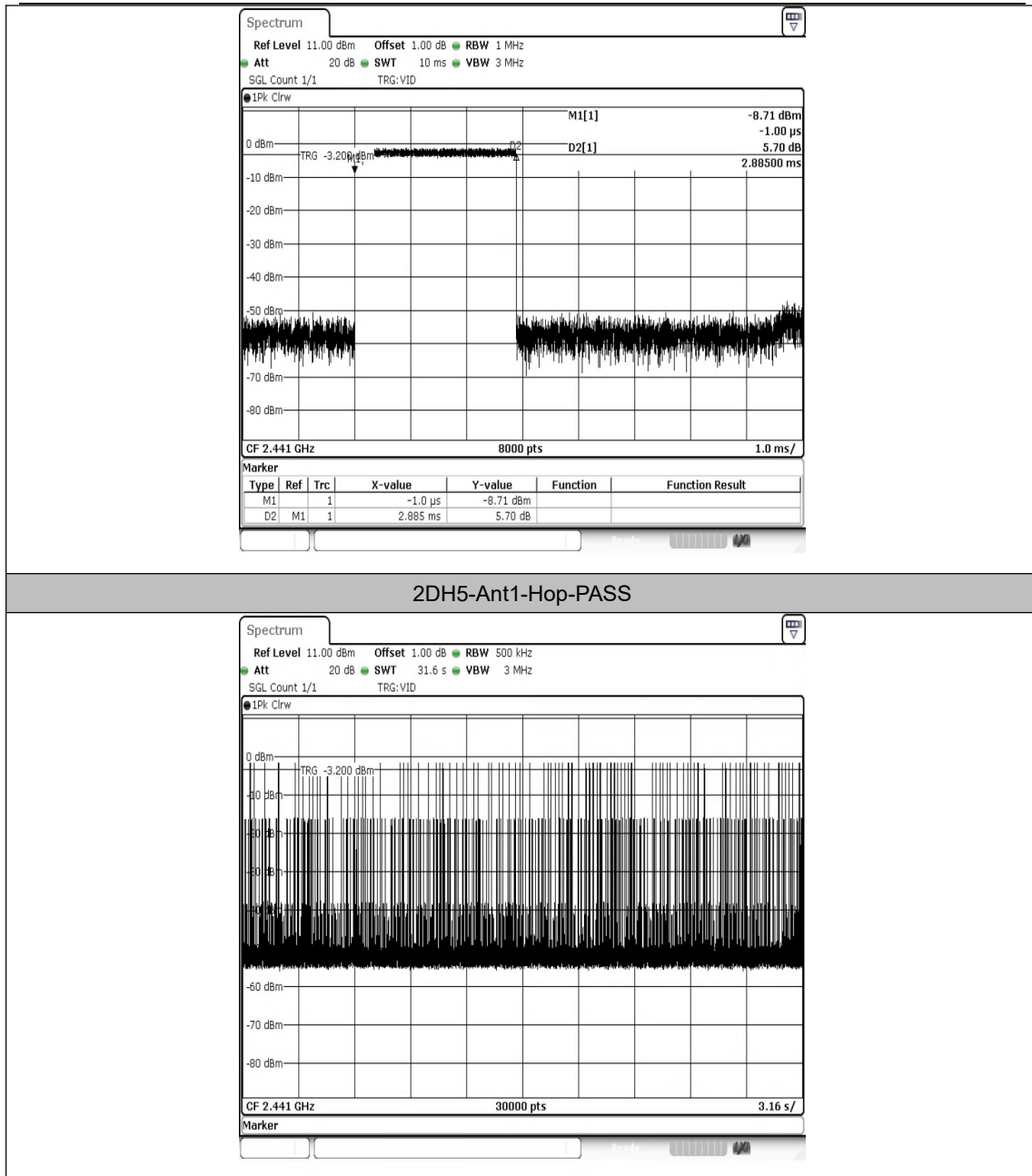
Test Graphs



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Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel:(86)0755-26066440 Email:service@anbotek.com

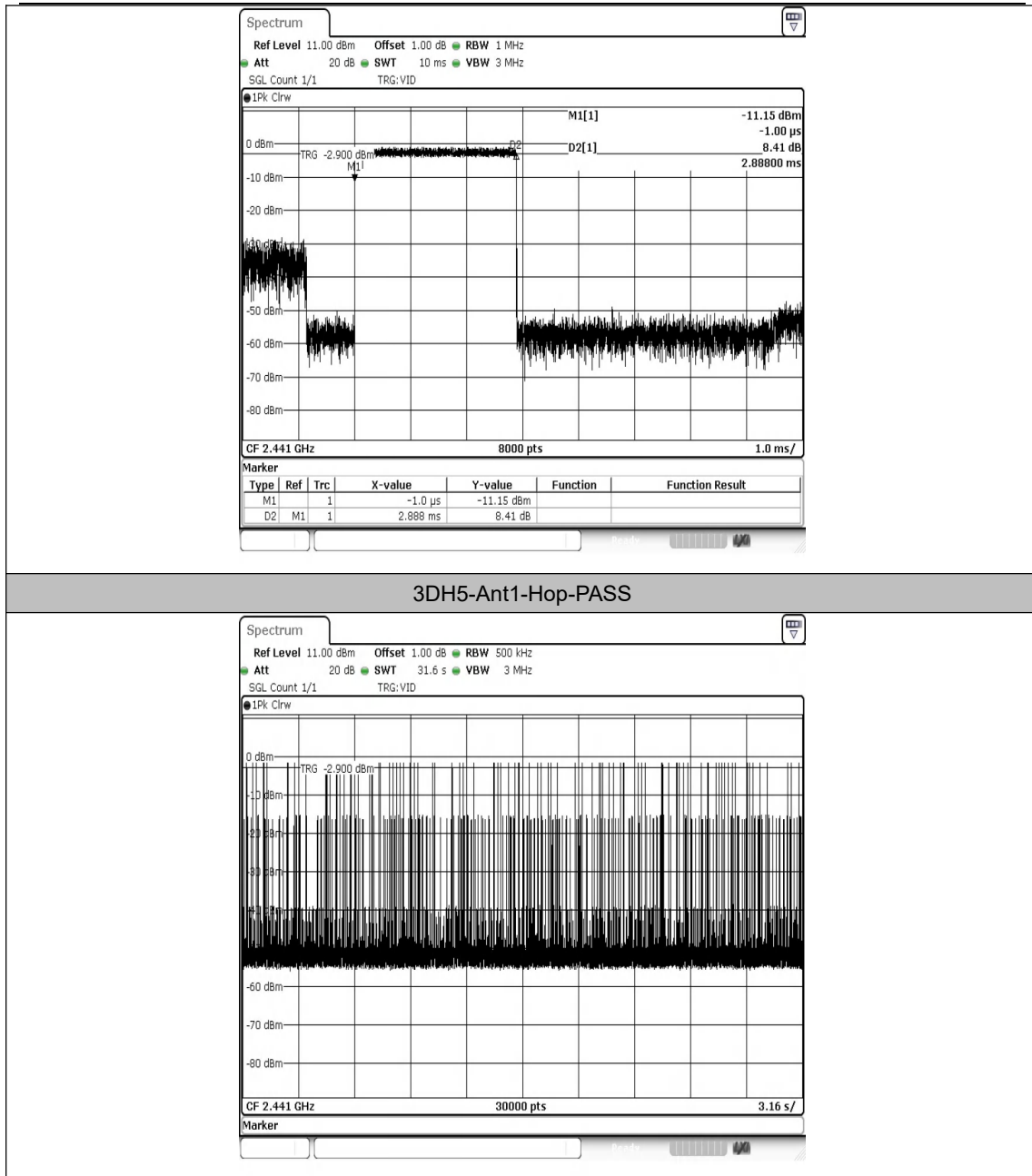
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Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel:(86)0755-26066440 Email:service@anbotek.com

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

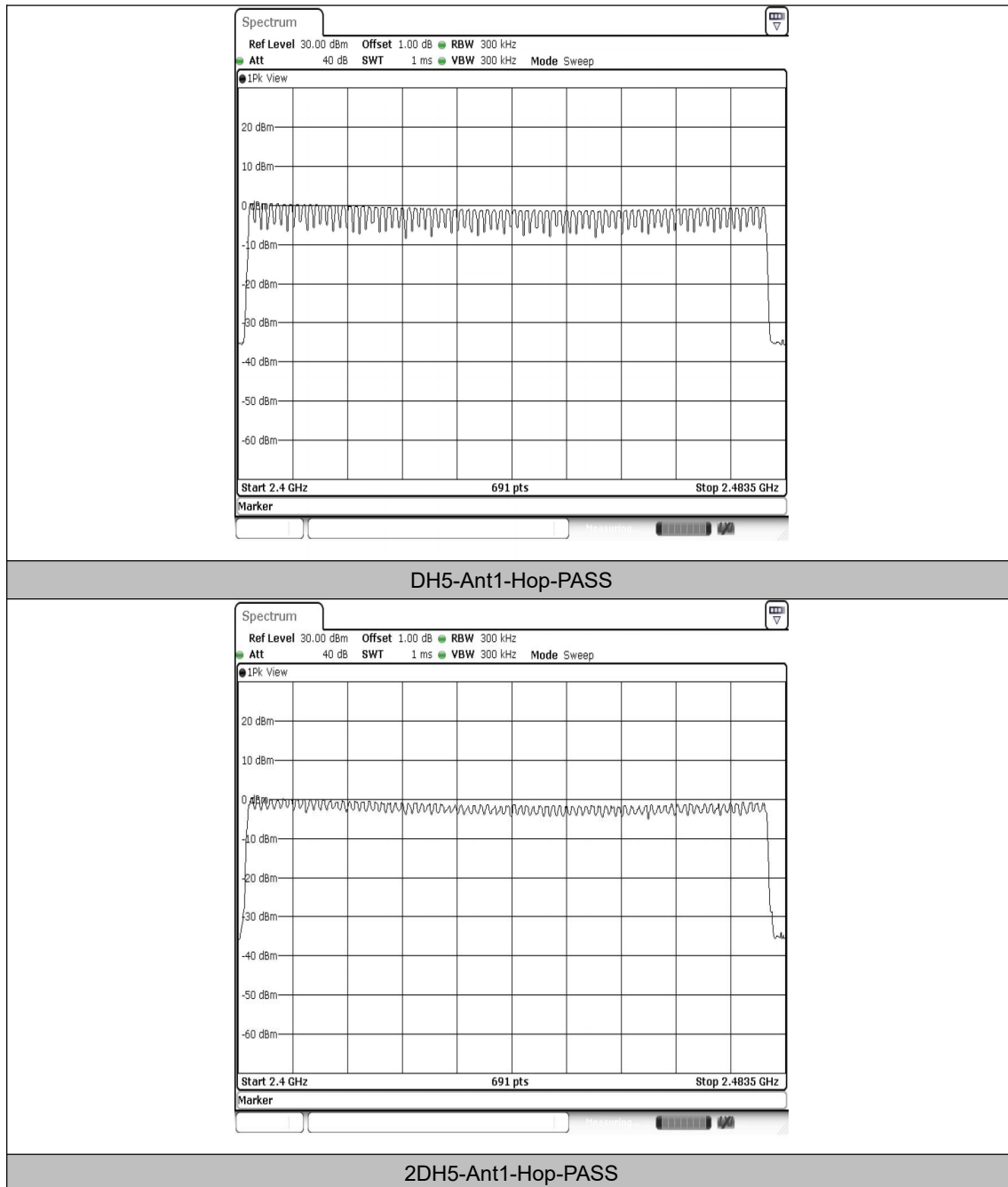
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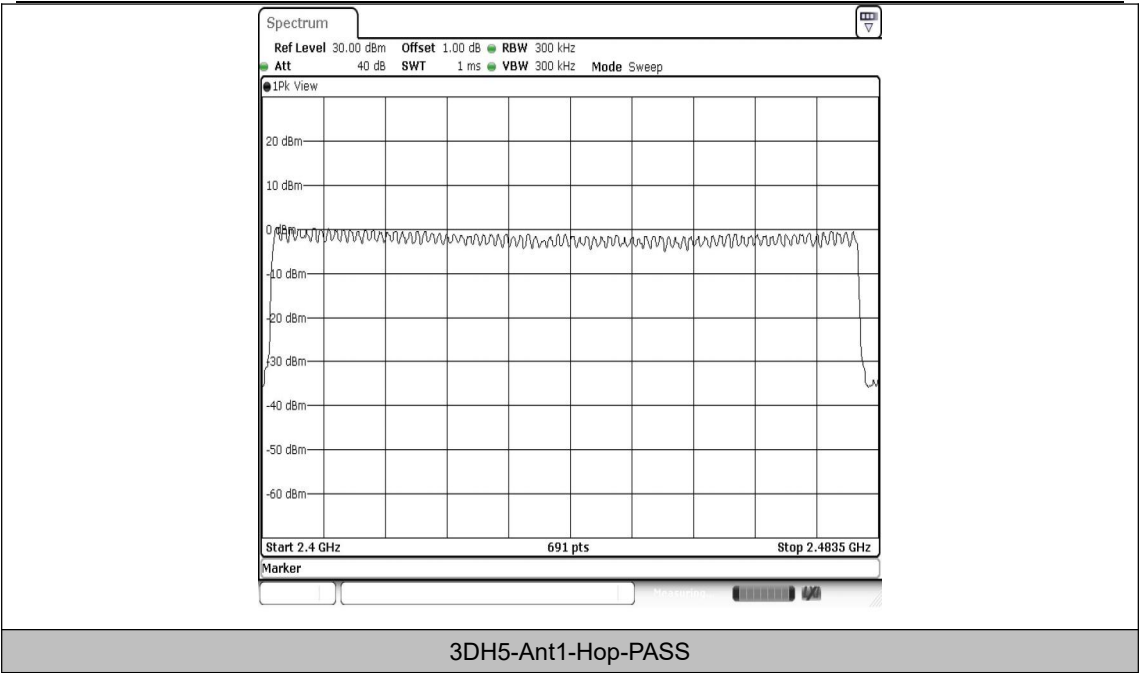
Appendix F: Number of Hopping Channel

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	-0.18	-49.39	≤-20.18	PASS
DH5	Ant1	High	2480	-1.77	-50.42	≤-21.77	PASS
DH5	Ant1	Low	Hop_2402	-0.97	-49.07	≤-20.97	PASS
DH5	Ant1	High	Hop_2480	-1.47	-51.61	≤-21.47	PASS
2DH5	Ant1	Low	2402	-0.38	-50.48	≤-20.38	PASS
2DH5	Ant1	High	2480	-2.35	-52.74	≤-22.35	PASS
2DH5	Ant1	Low	Hop_2402	-3.91	-51.95	≤-23.91	PASS
2DH5	Ant1	High	Hop_2480	-2.40	-50.33	≤-22.4	PASS
3DH5	Ant1	Low	2402	-0.35	-52.25	≤-20.35	PASS
3DH5	Ant1	High	2480	-1.39	-51.34	≤-21.39	PASS
3DH5	Ant1	Low	Hop_2402	-4.12	-50.42	≤-24.12	PASS
3DH5	Ant1	High	Hop_2480	-2.74	-53.13	≤-22.74	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.

