

Appendix Test Data

Report No.:	9812C50002112501	Test Sample No.:	1-2-2
Start Test Date:	2025-6-27	Finish Test Date:	2025-7-7
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	25.3°C	Relative Humidity:	58%
Pressure:	101kPa		

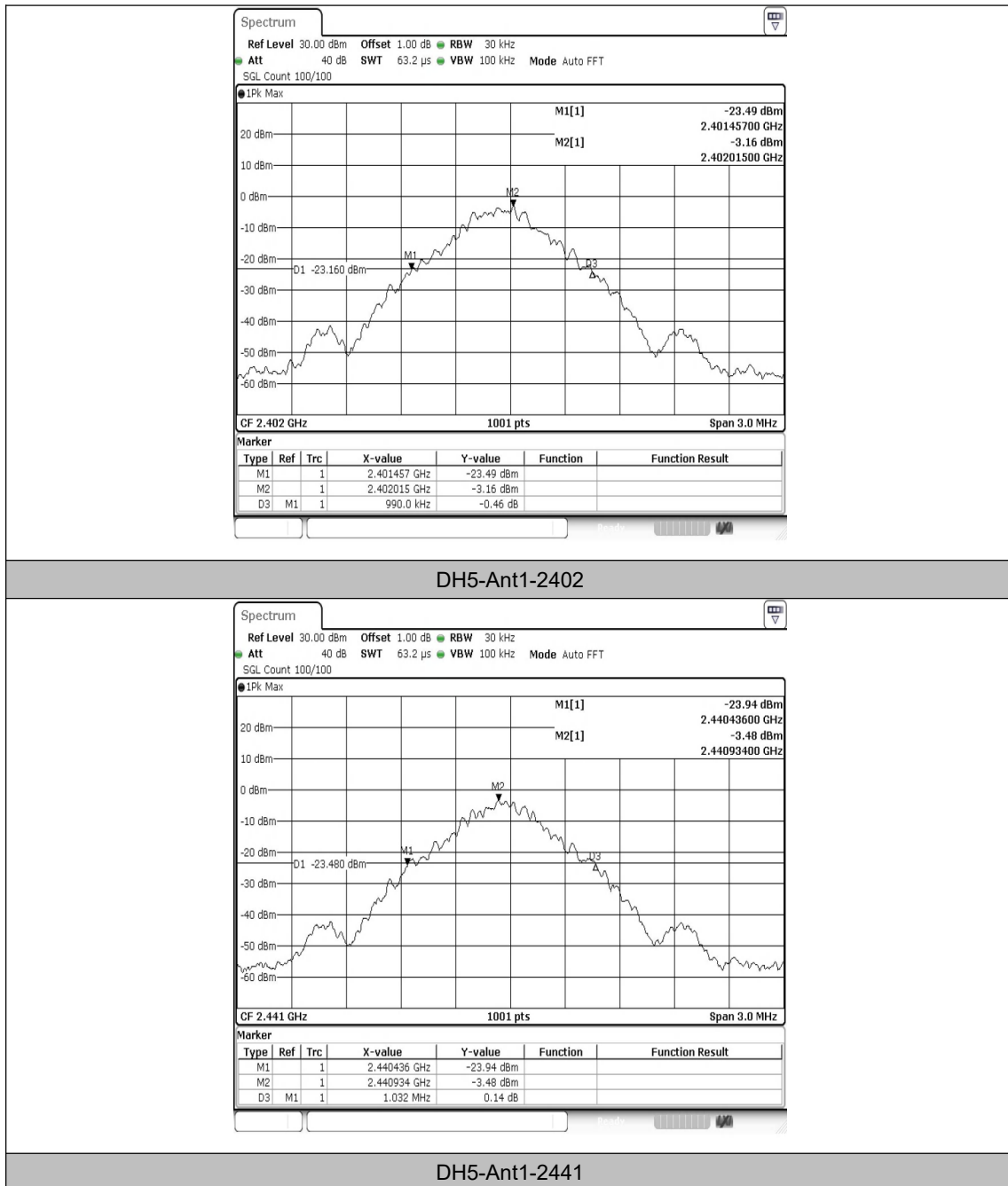
Appendix A: 20dB Bandwidth

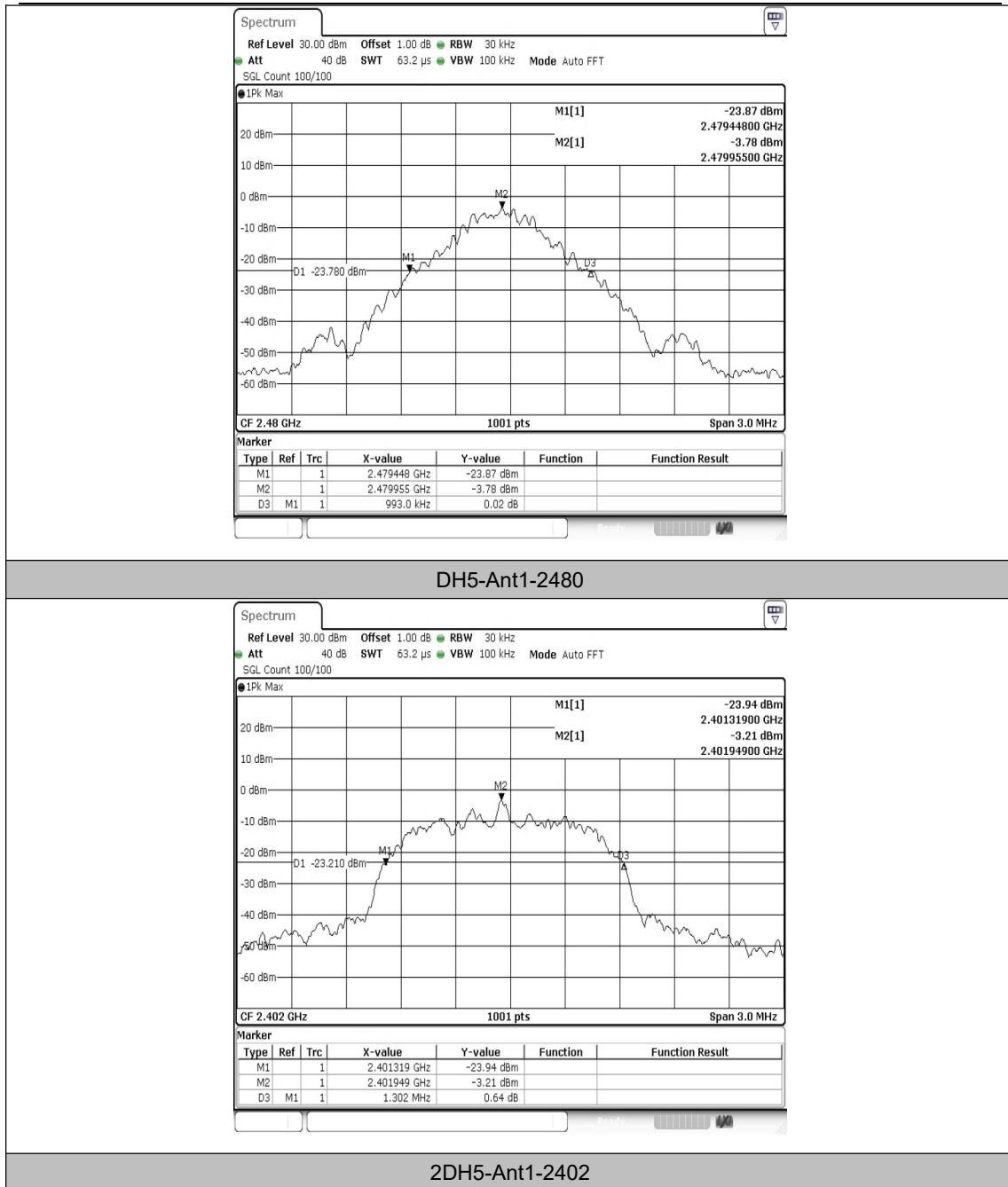
Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.99	2401.46	2402.45	---	---
DH5	Ant1	2441	1.03	2440.44	2441.47	---	---
DH5	Ant1	2480	0.99	2479.45	2480.44	---	---
2DH5	Ant1	2402	1.30	2401.32	2402.62	---	---
2DH5	Ant1	2441	1.29	2440.32	2441.61	---	---
2DH5	Ant1	2480	1.30	2479.32	2480.62	---	---
3DH5	Ant1	2402	1.25	2401.34	2402.59	---	---
3DH5	Ant1	2441	1.27	2440.31	2441.58	---	---
3DH5	Ant1	2480	1.36	2479.28	2480.64	---	---



Test Graphs

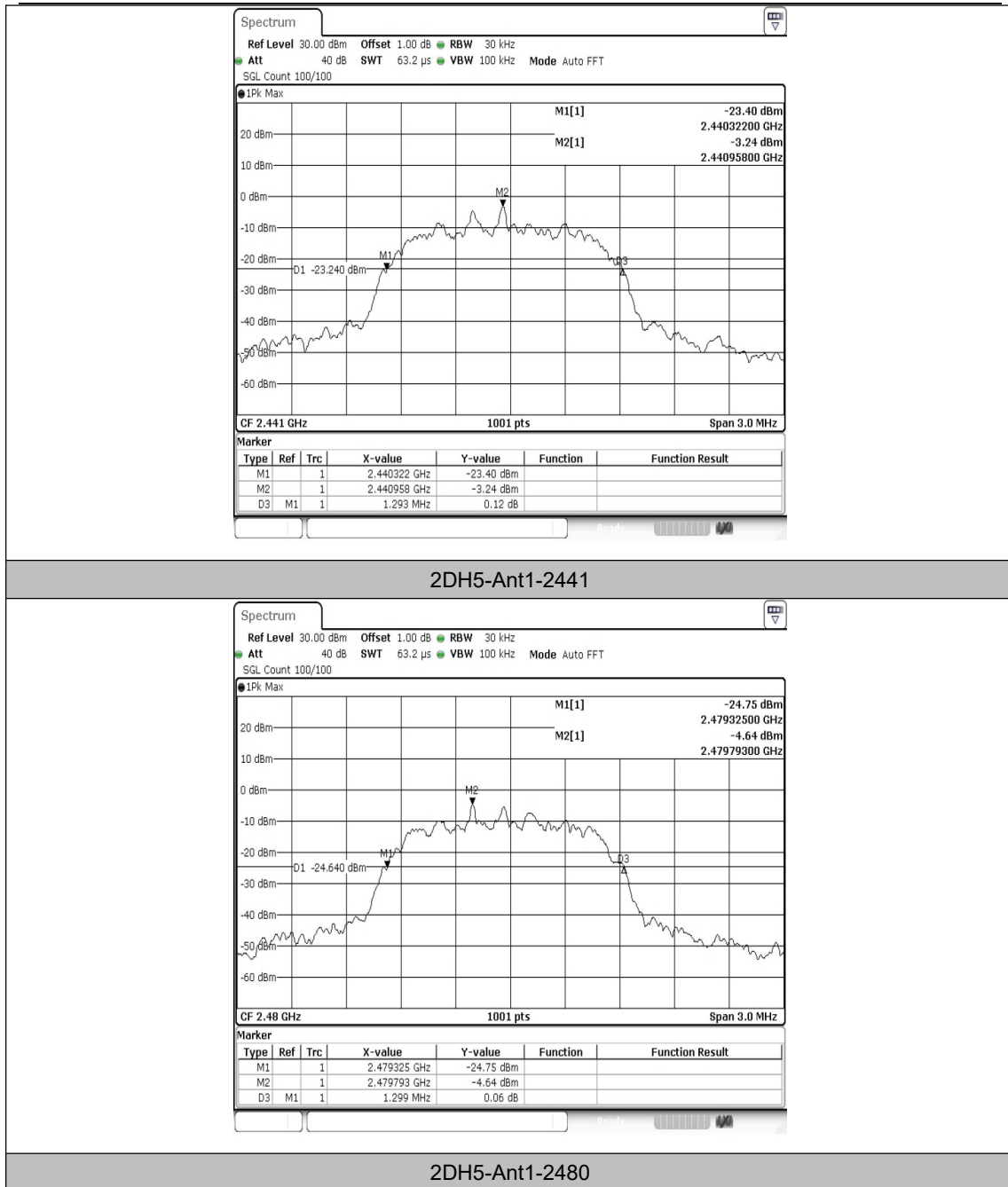


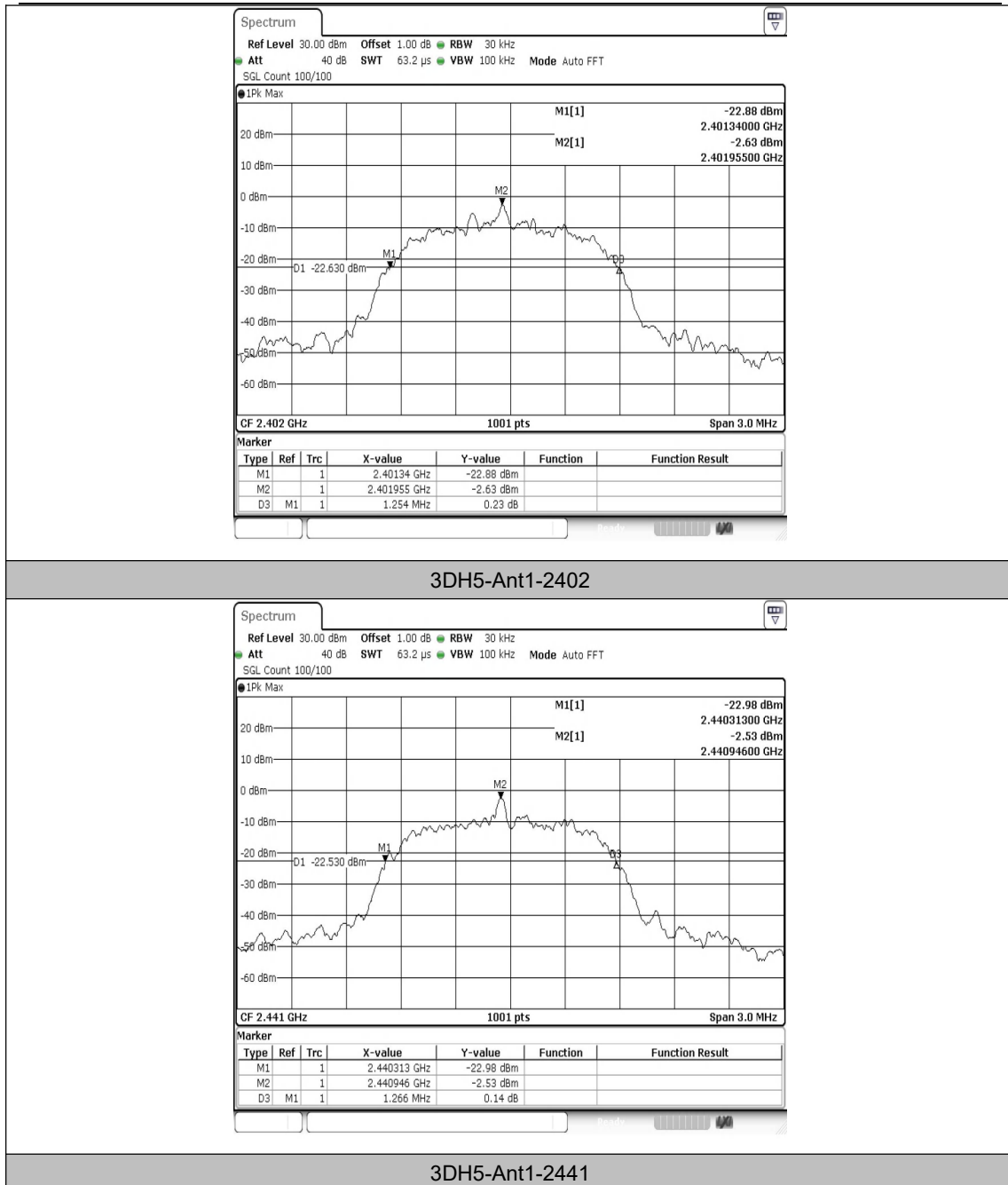


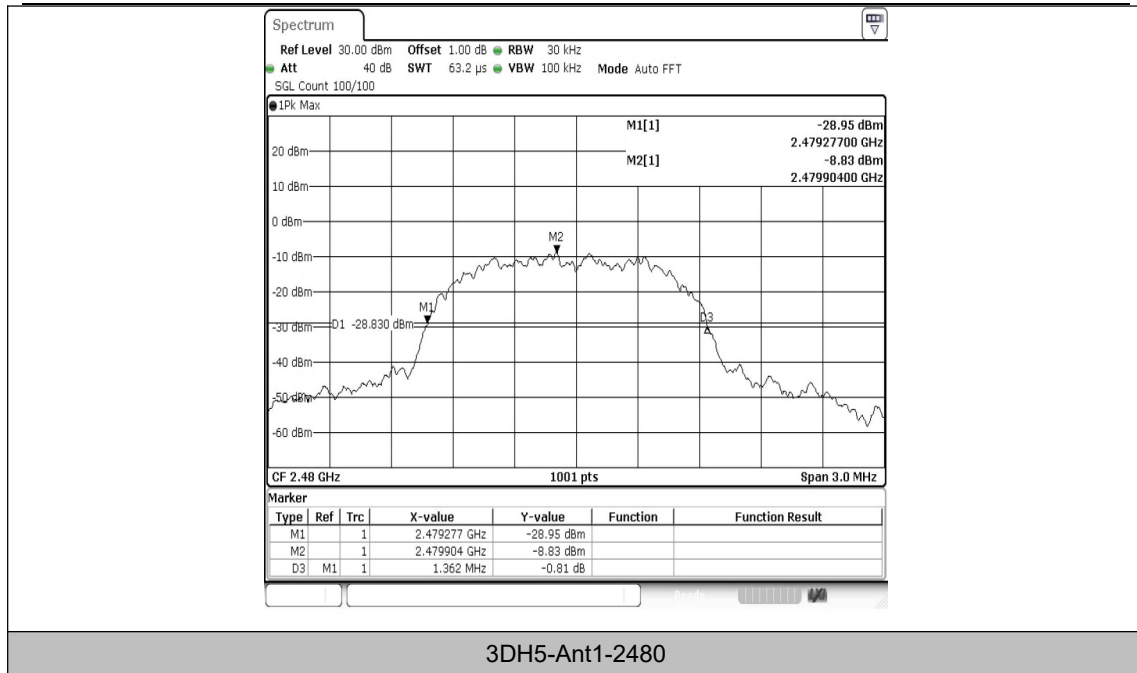
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Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel: (86) 0755-26066440 Email: service@anbotek.com

 Hotline
400-003-0500
www.anbotek.com







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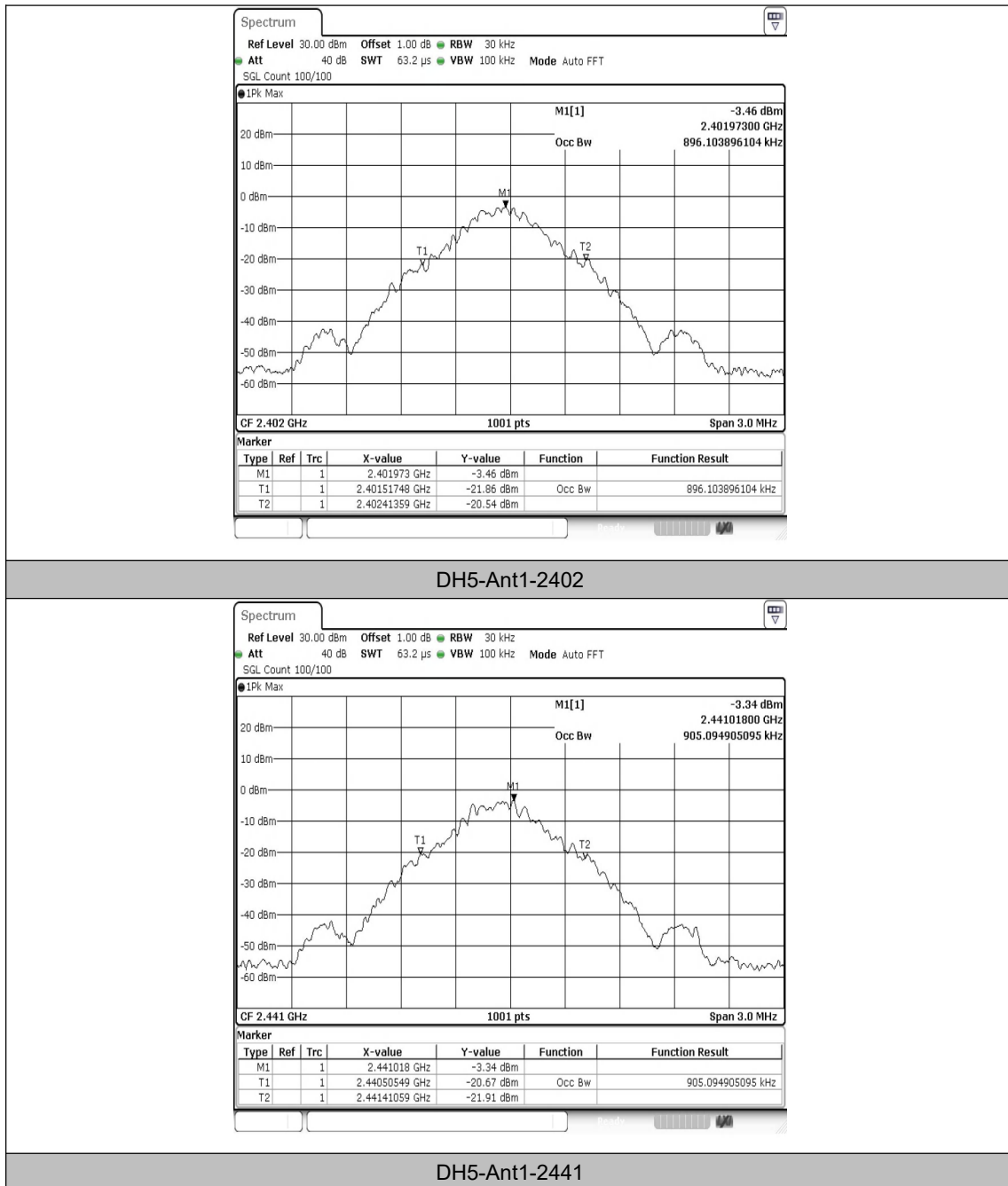
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.89610	2401.5175	2402.4136	---	---
DH5	Ant1	2441	0.90509	2440.5055	2441.4106	---	---
DH5	Ant1	2480	0.90210	2479.5085	2480.4106	---	---
2DH5	Ant1	2402	1.1958	2401.3616	2402.5574	---	---
2DH5	Ant1	2441	1.1868	2440.3676	2441.5544	---	---
2DH5	Ant1	2480	1.1898	2479.3676	2480.5574	---	---
3DH5	Ant1	2402	1.2108	2401.3497	2402.5604	---	---
3DH5	Ant1	2441	1.1928	2440.3616	2441.5544	---	---
3DH5	Ant1	2480	1.1838	2479.3736	2480.5574	---	---



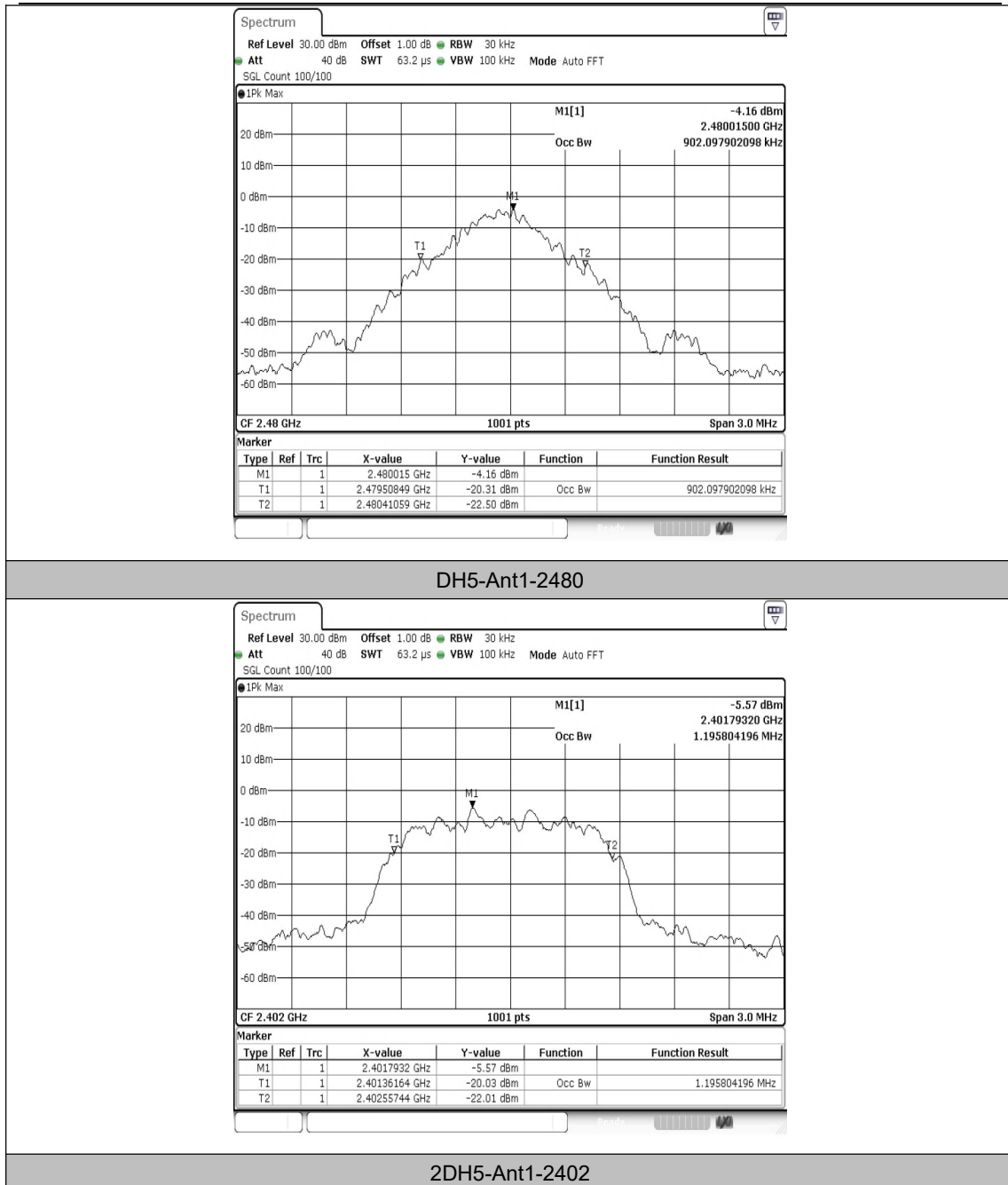
Test Graphs



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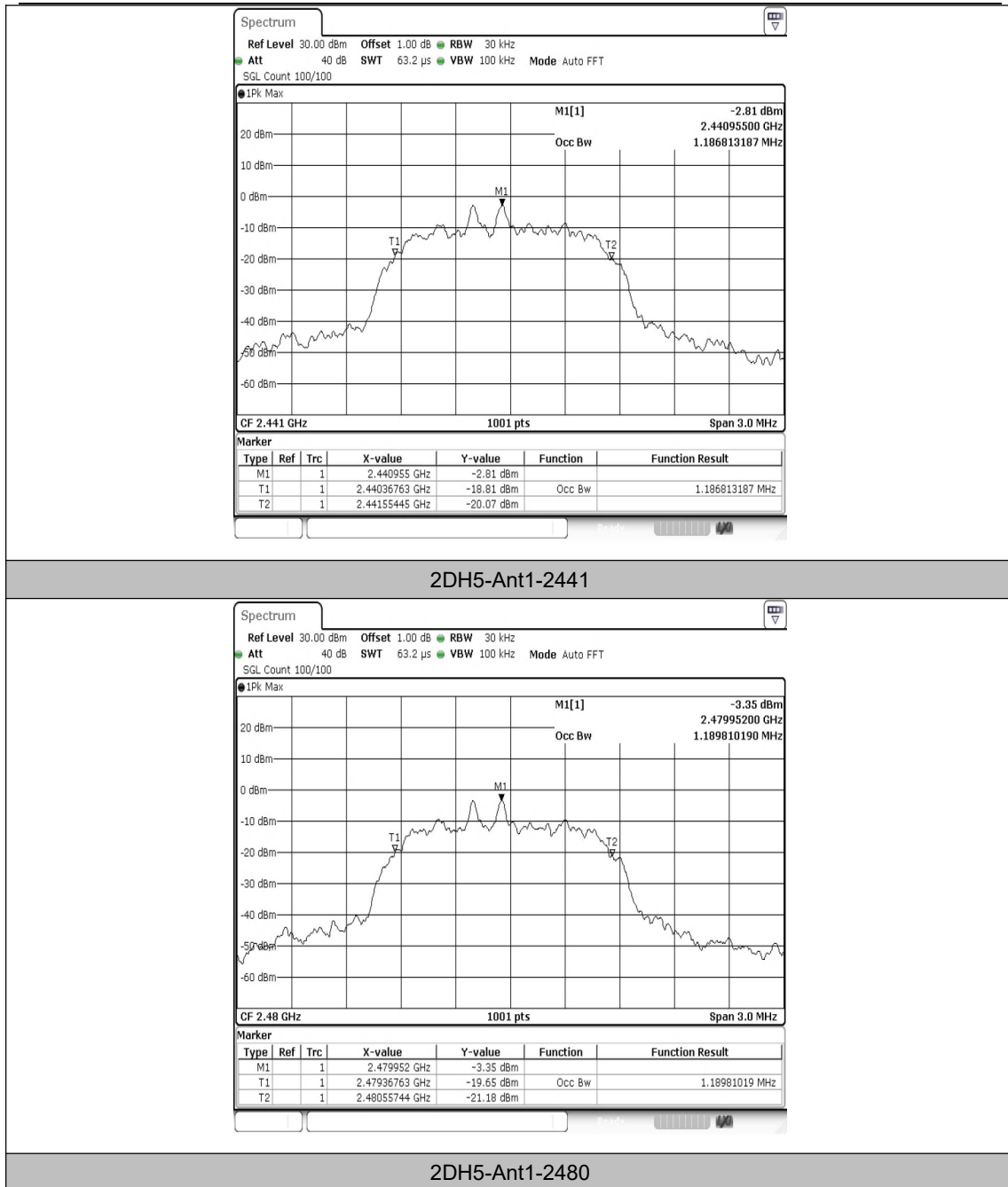
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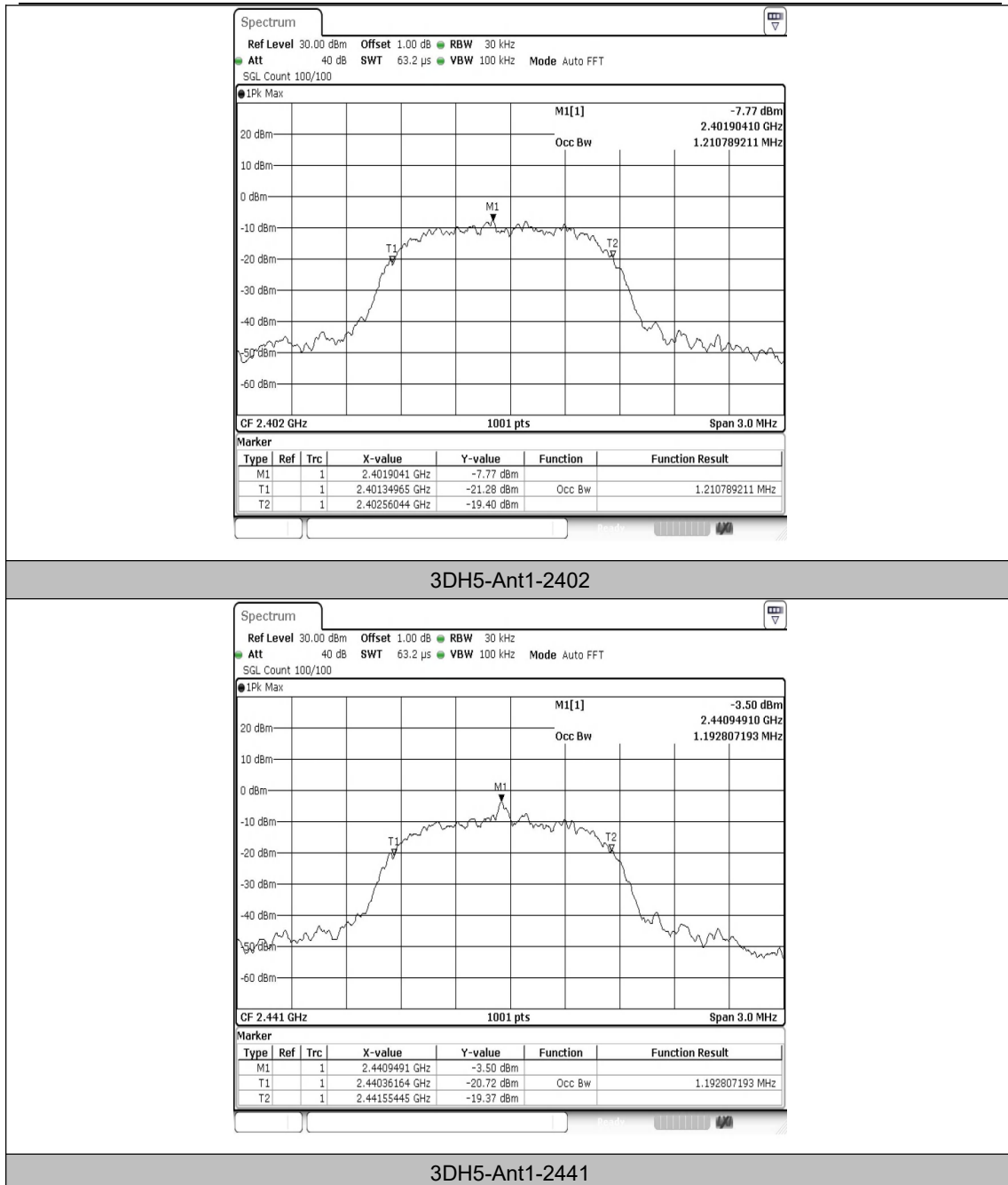


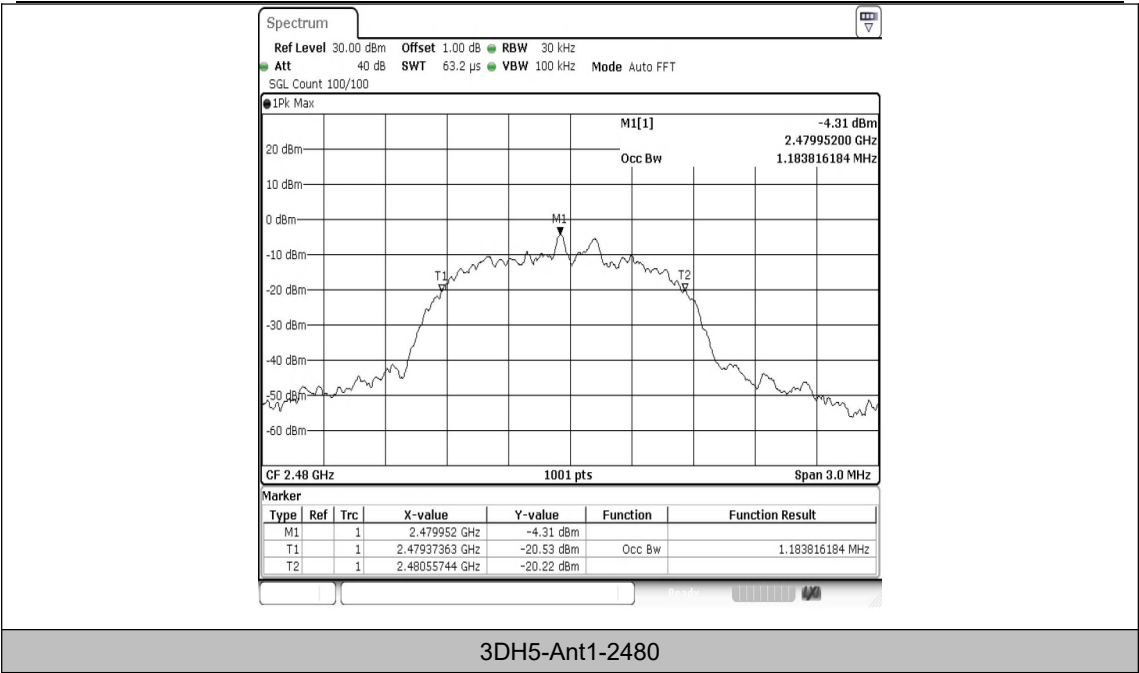
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Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
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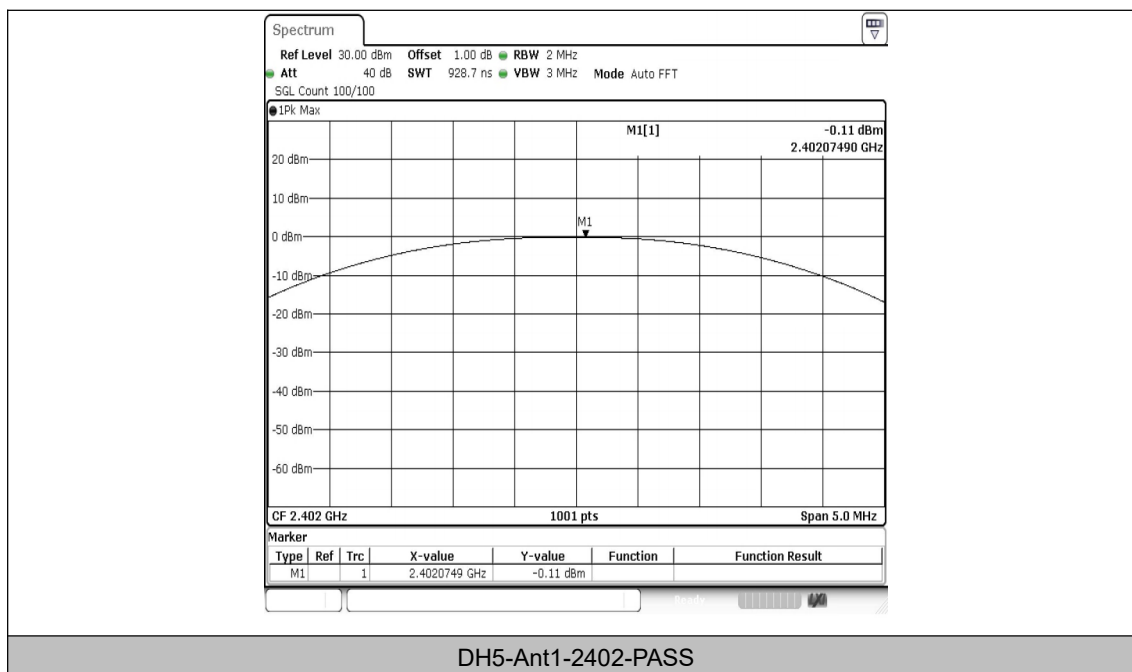
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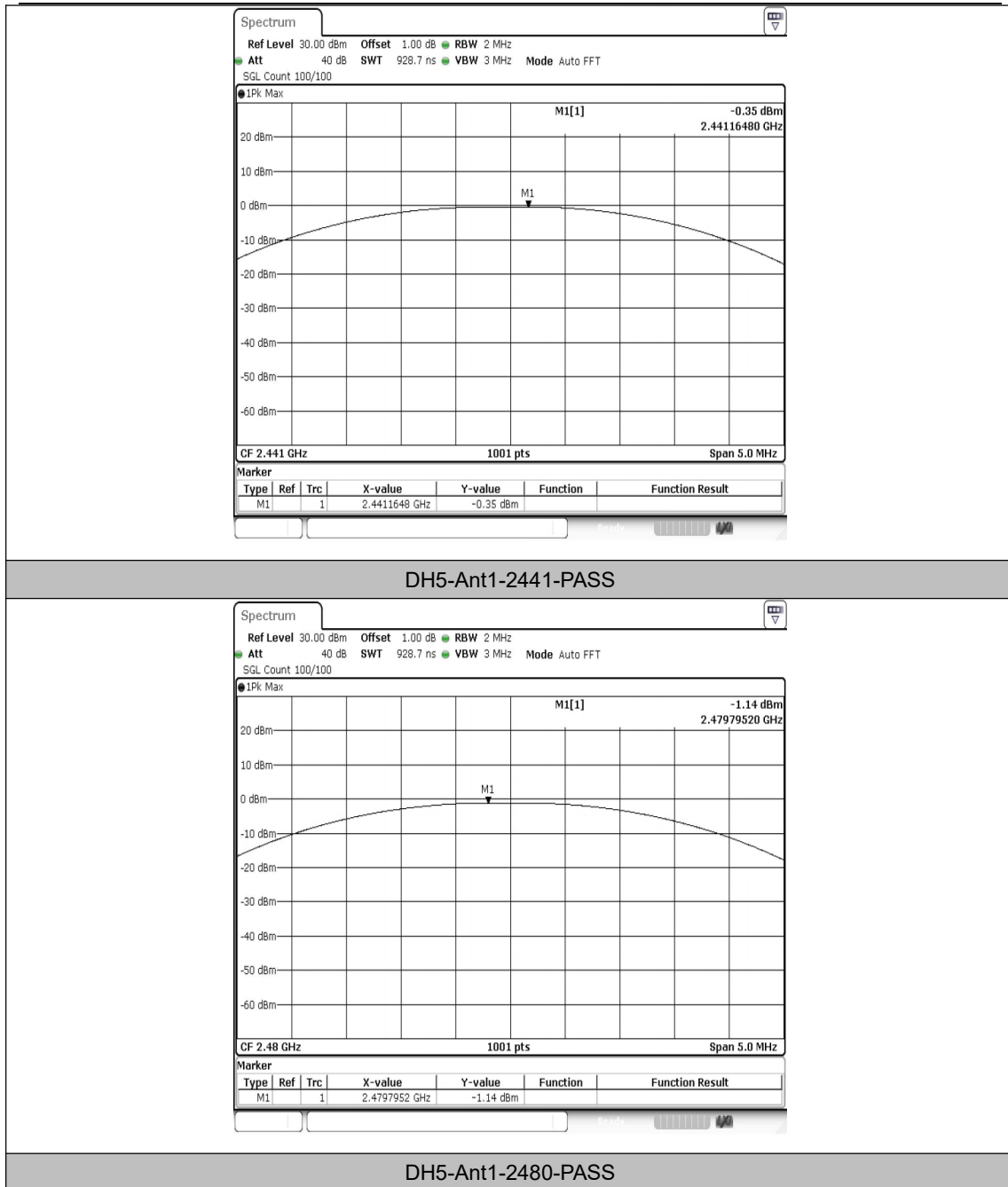
Appendix C: Maximum Conducted Output Power

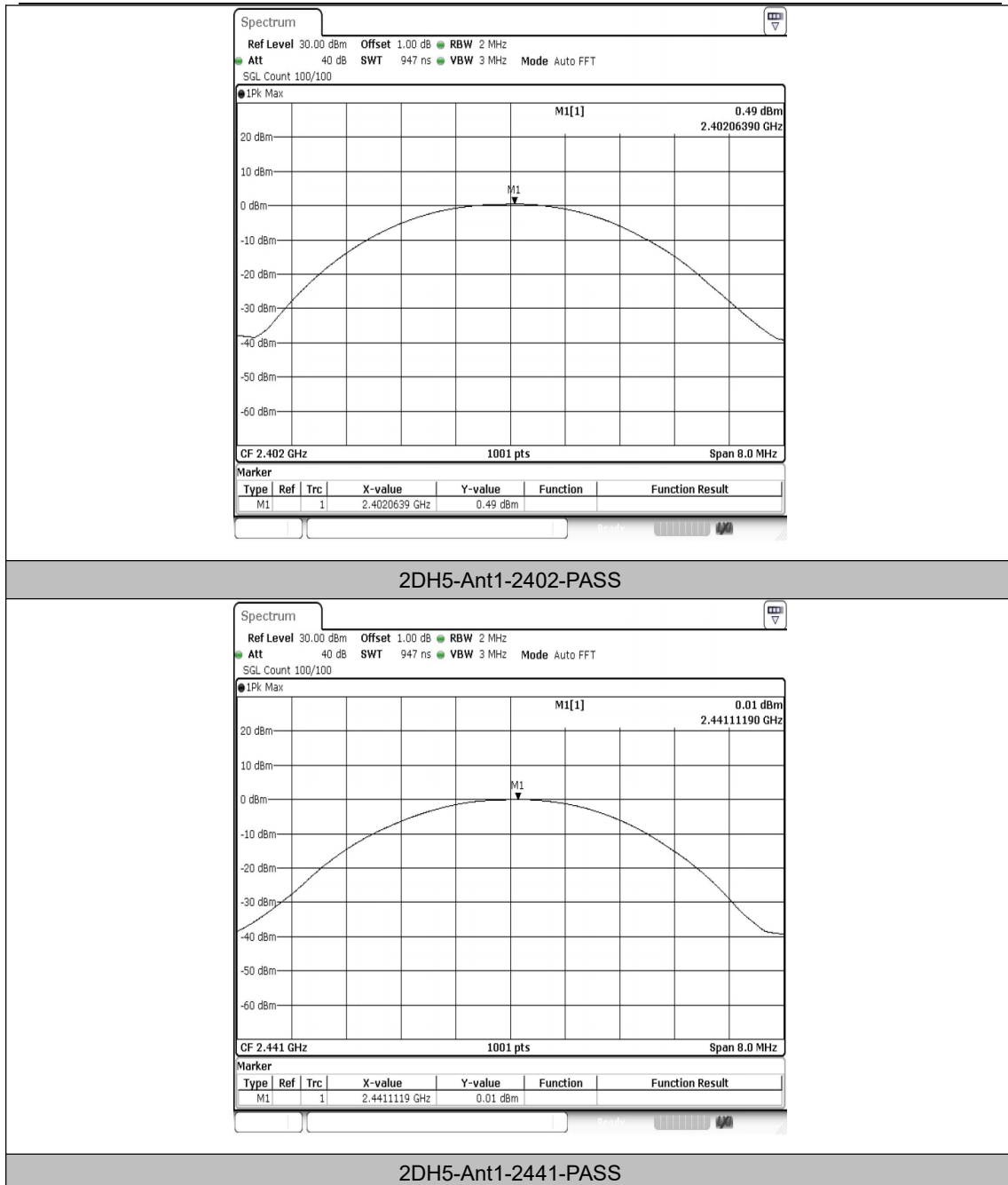
Test Result Peak

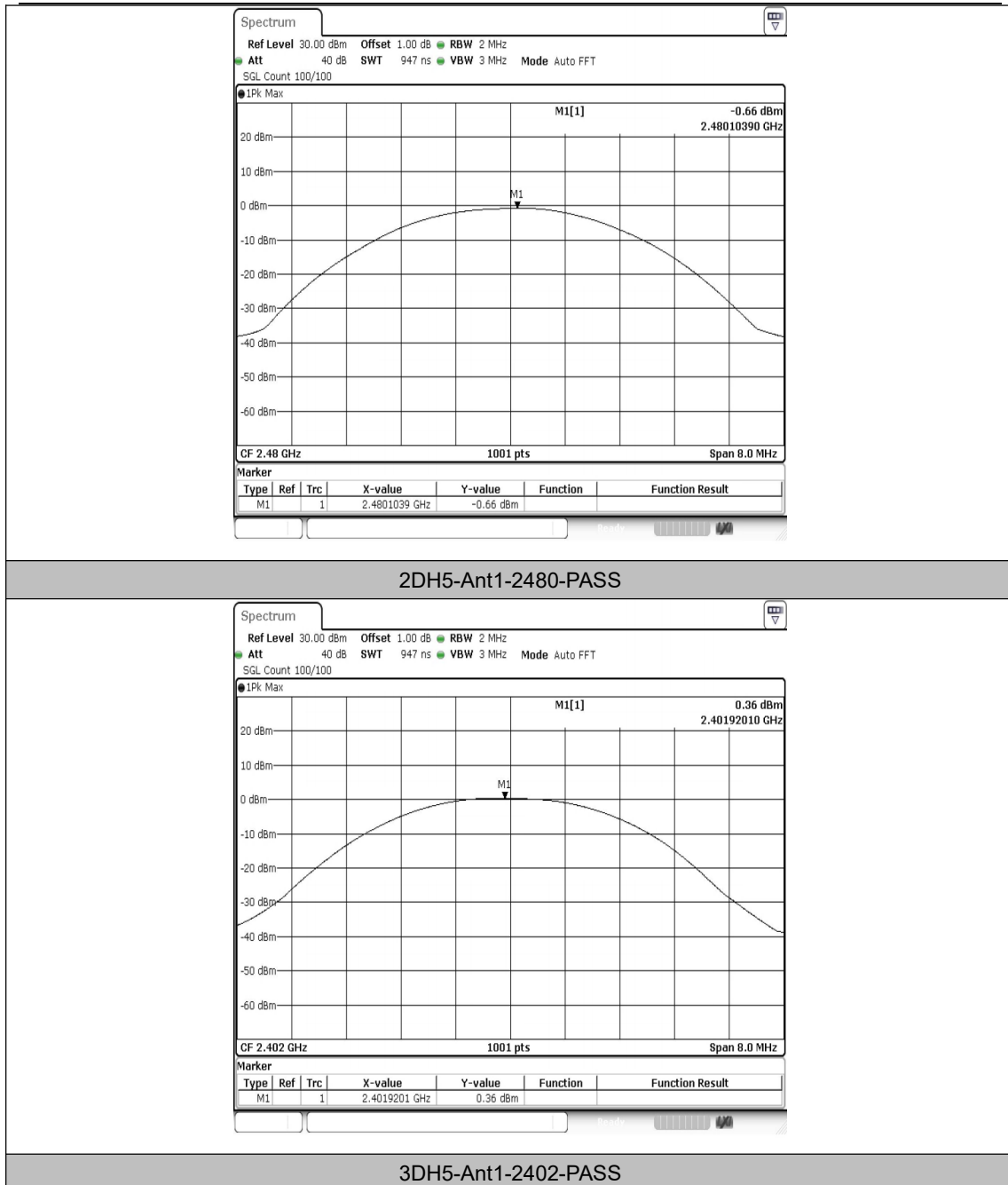
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-0.11	≤20.97	PASS
DH5	Ant1	2441	-0.35	≤20.97	PASS
DH5	Ant1	2480	-1.14	≤20.97	PASS
2DH5	Ant1	2402	0.49	≤20.97	PASS
2DH5	Ant1	2441	0.01	≤20.97	PASS
2DH5	Ant1	2480	-0.66	≤20.97	PASS
3DH5	Ant1	2402	0.36	≤20.97	PASS
3DH5	Ant1	2441	0.39	≤20.97	PASS
3DH5	Ant1	2480	-0.10	≤20.97	PASS

Test Graphs





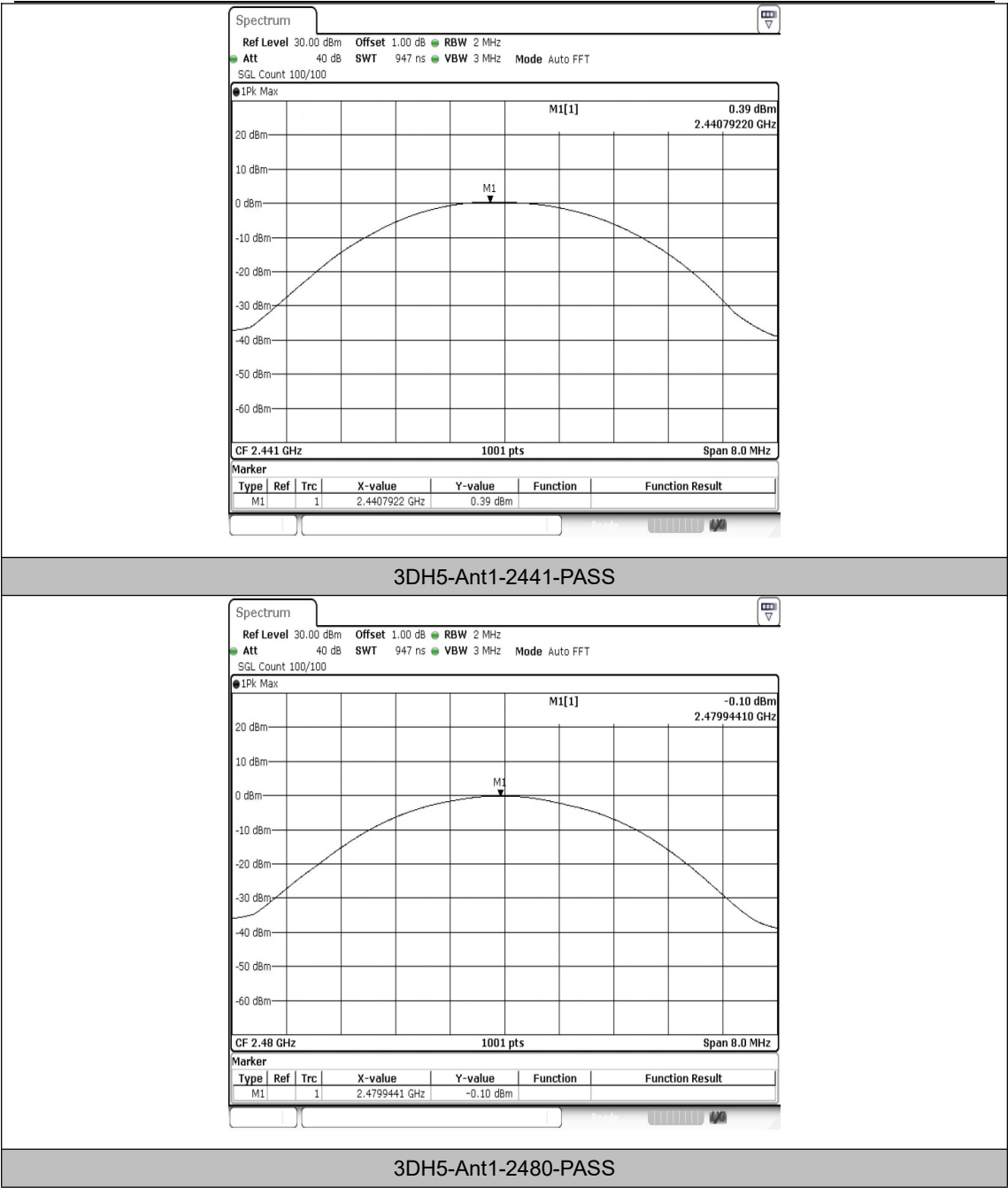




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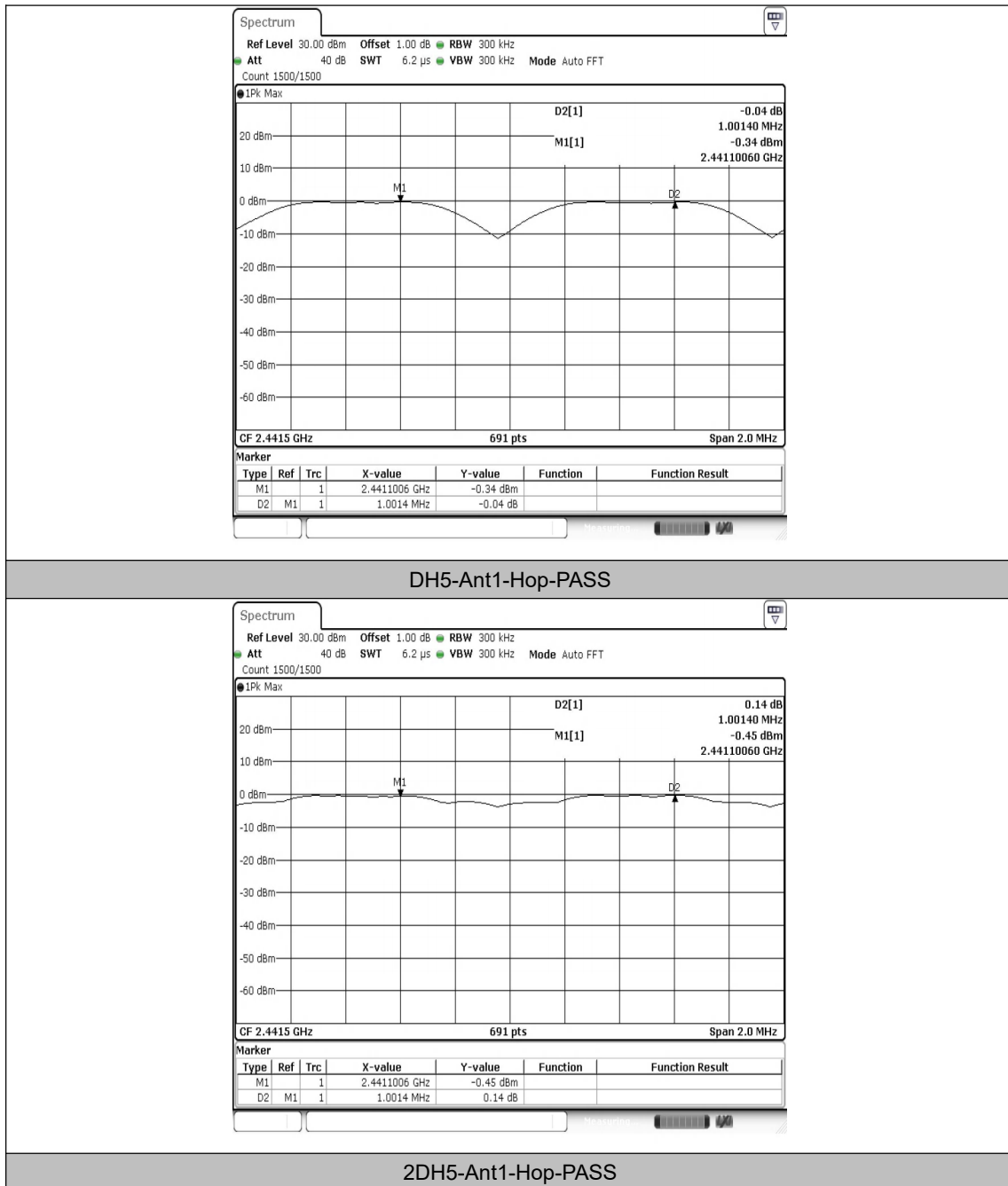


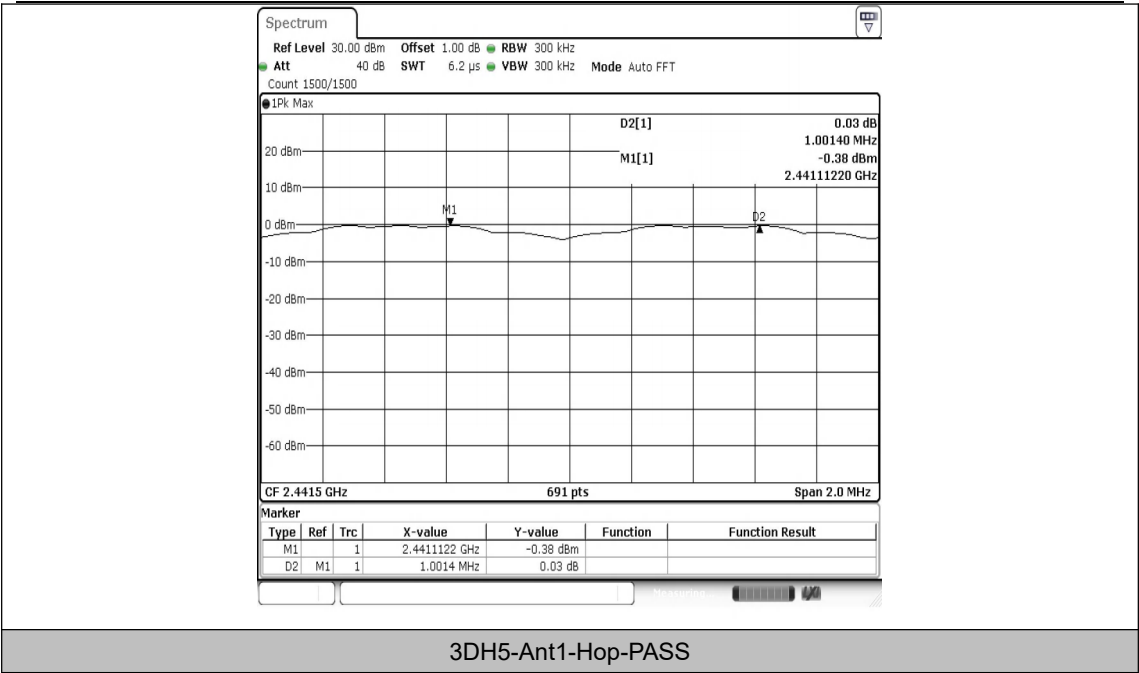
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.287	≥0.687	PASS
2DH5	Ant1	Hop	1.023	≥0.867	PASS
3DH5	Ant1	Hop	1.171	≥0.907	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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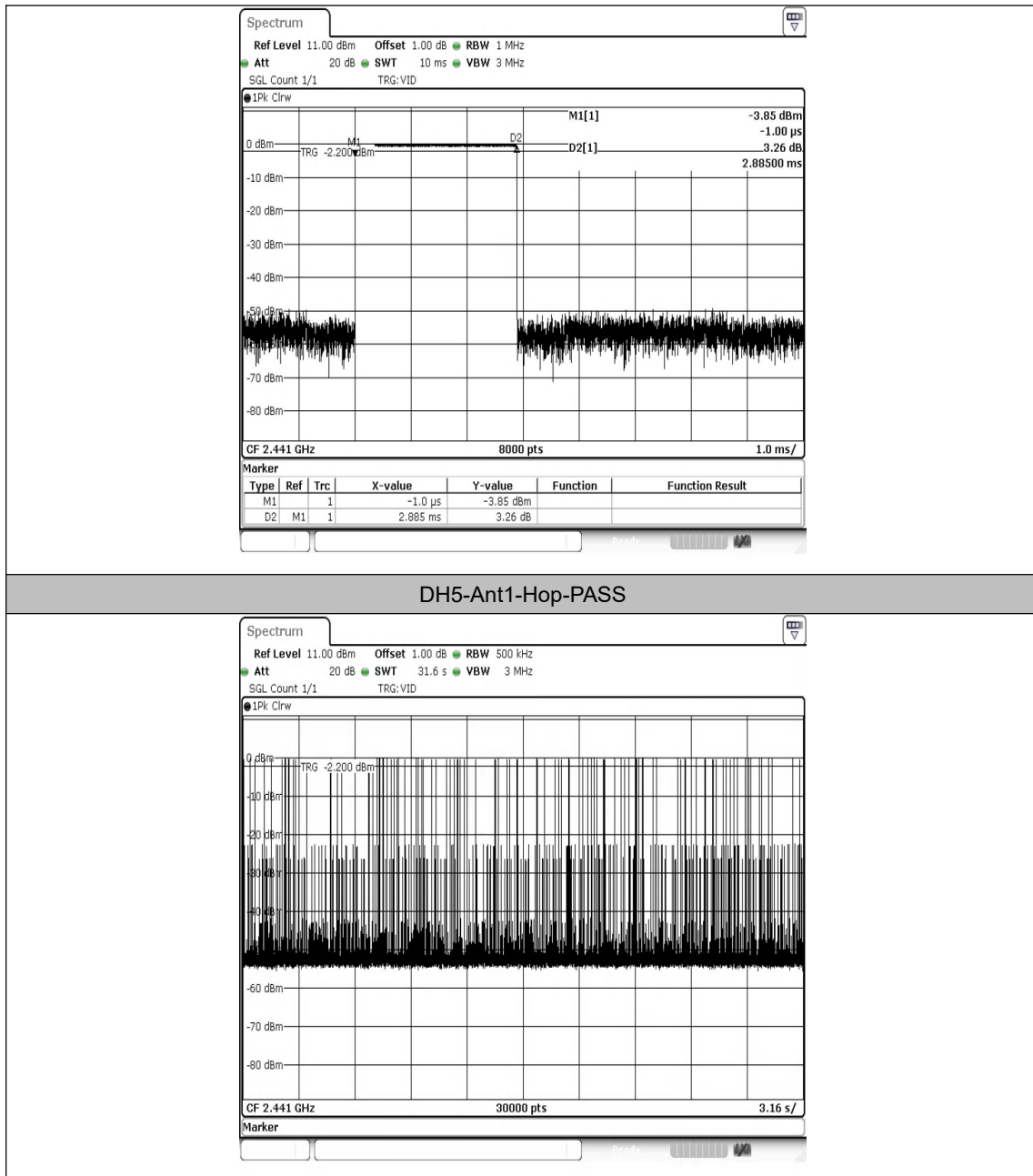
Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.885	102	0.294	≤0.4	PASS
2DH5	Ant1	Hop	2.892	116	0.335	≤0.4	PASS
3DH5	Ant1	Hop	2.893	107	0.31	≤0.4	PASS



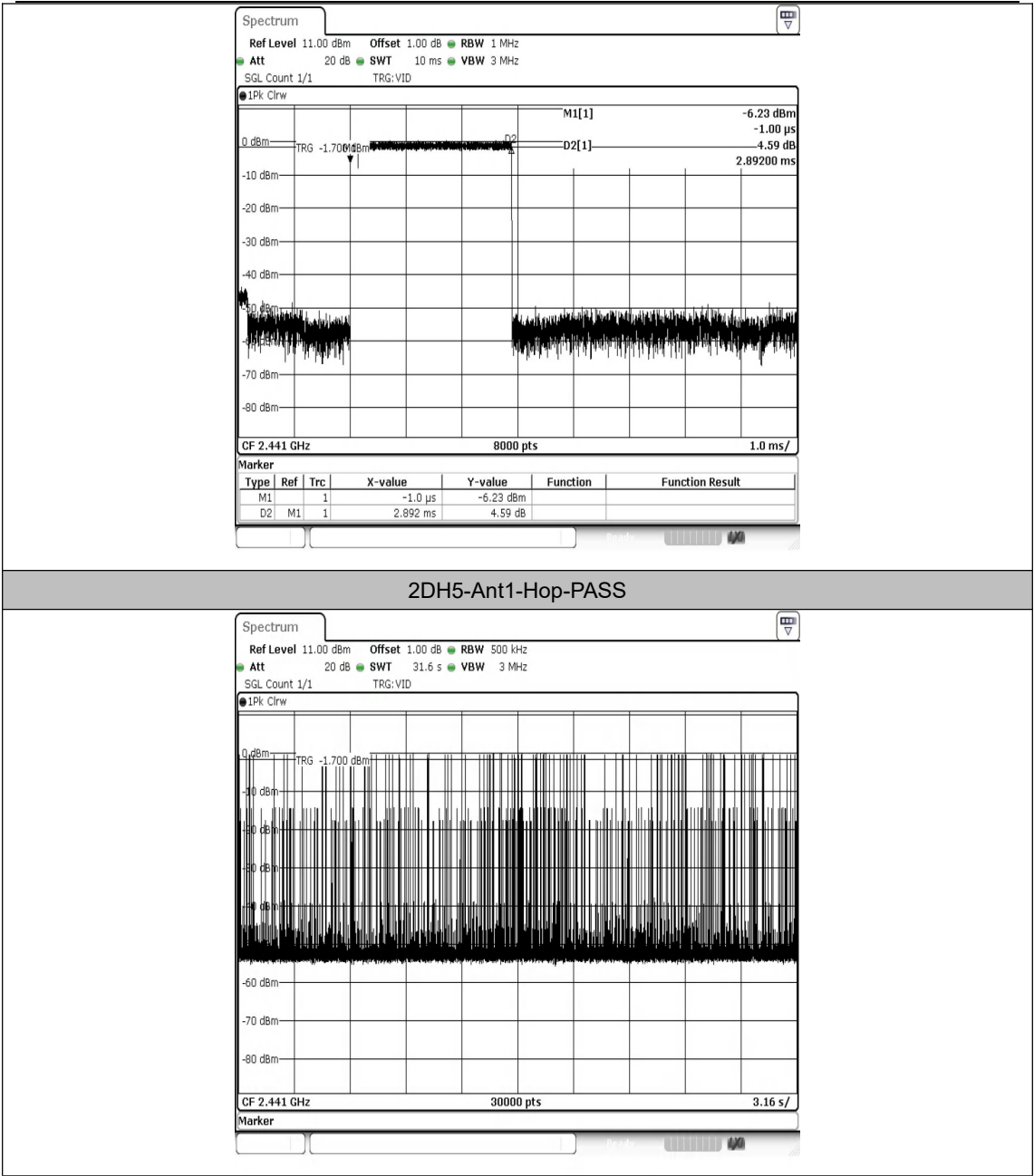
Test Graphs

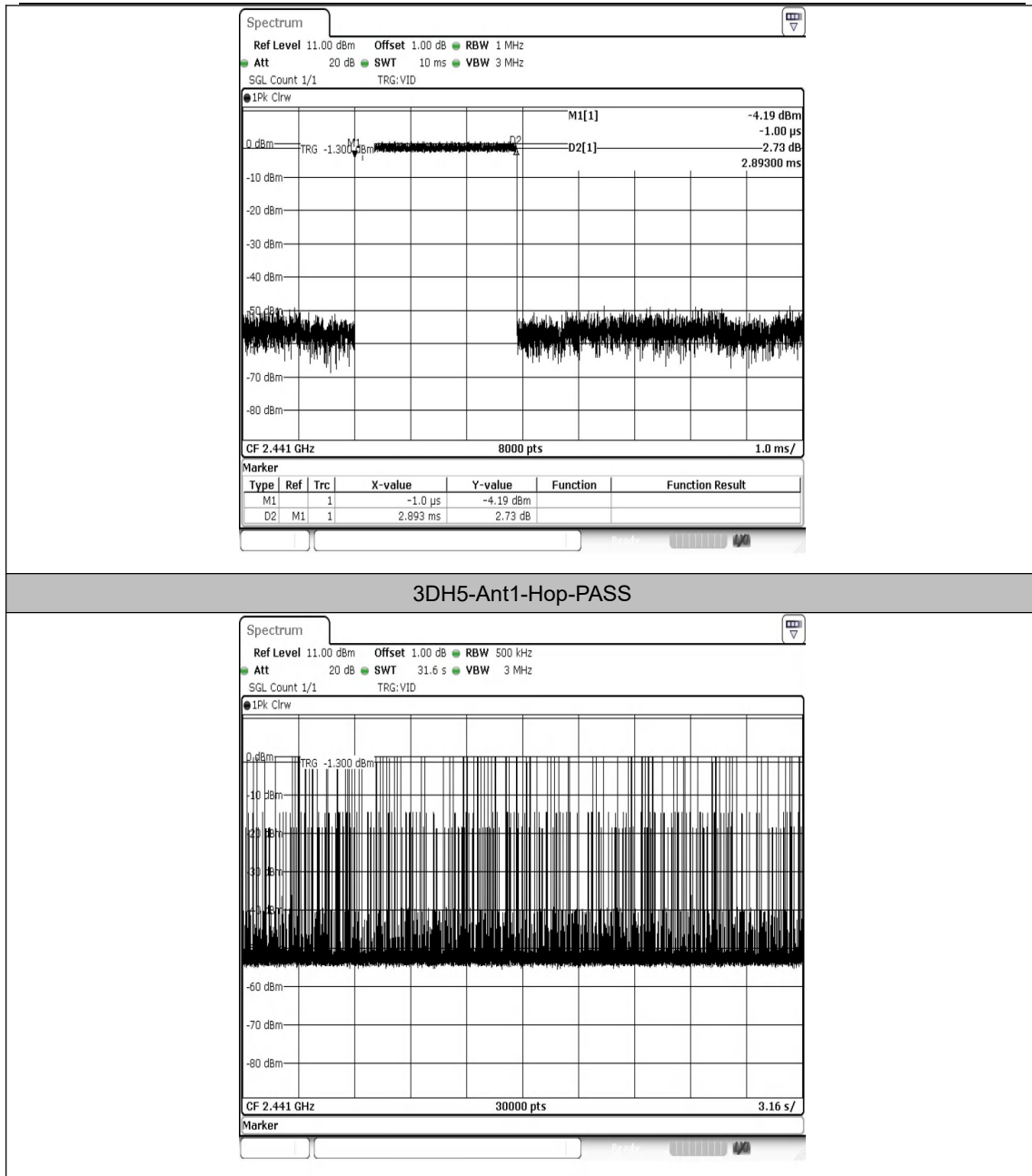


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Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel:(86)0755-26066440 Email:service@anbotek.com

Hotline
400-003-0500
www.anbotek.com





Shenzhen Anbotech Compliance Laboratory Limited

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@anbotech.com

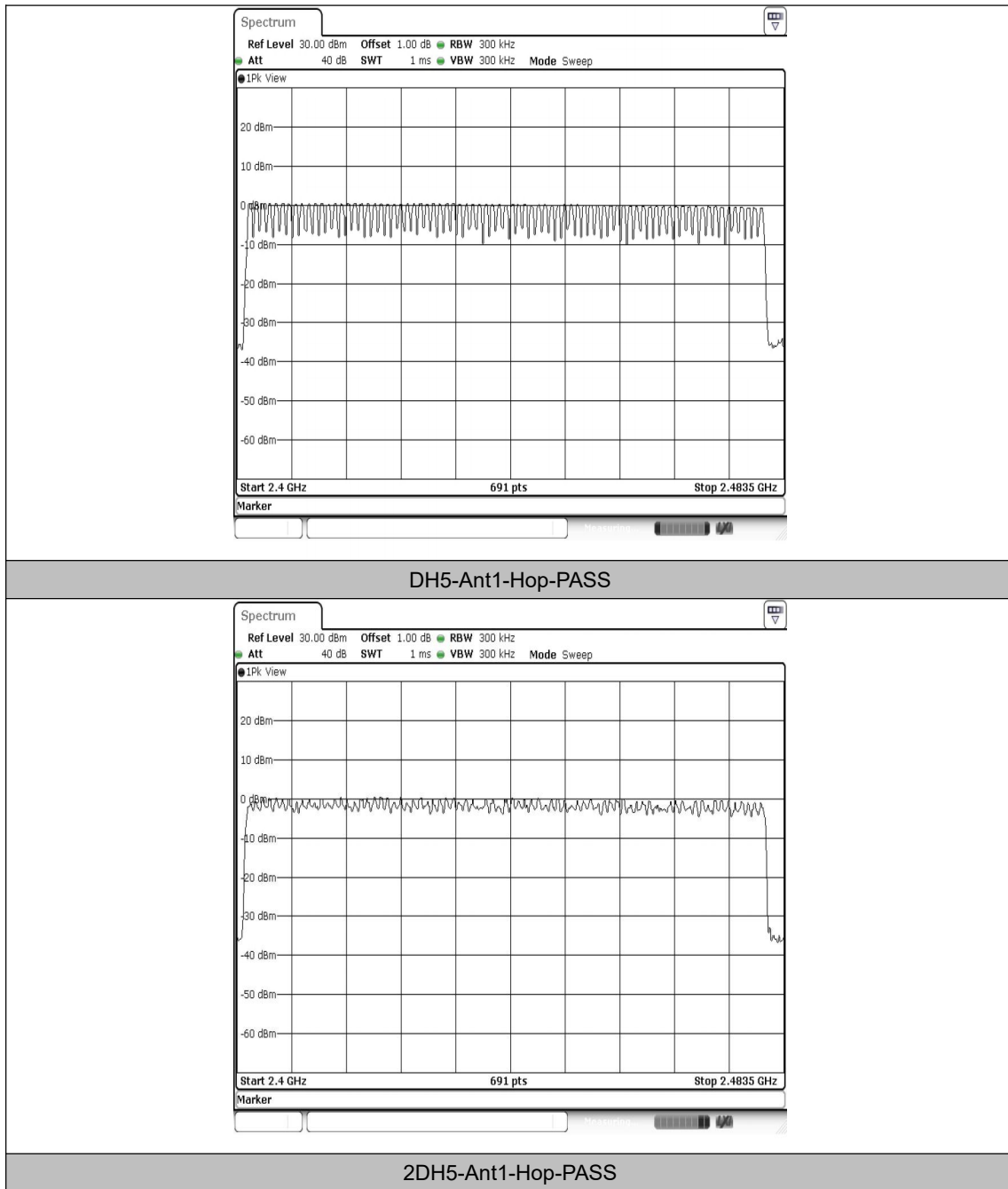
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Appendix F: Number of Hopping Channel

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

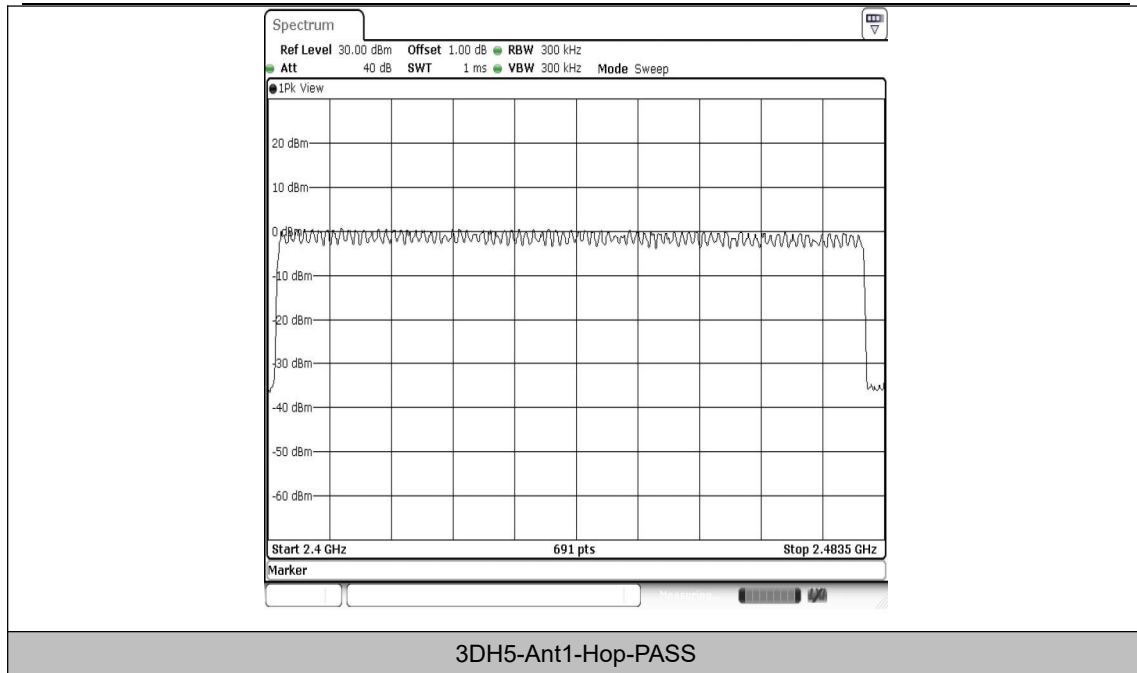
Test Graphs



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Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
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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	-0.36	-55.71	≤-20.36	PASS
DH5	Ant1	High	2480	-1.44	-56.6	≤-21.44	PASS
DH5	Ant1	Low	Hop_2402	-1.03	-56.45	≤-21.03	PASS
DH5	Ant1	High	Hop_2480	-1.45	-56.95	≤-21.45	PASS
2DH5	Ant1	Low	2402	-0.96	-50.47	≤-20.96	PASS
2DH5	Ant1	High	2480	-1.37	-56.15	≤-21.37	PASS
2DH5	Ant1	Low	Hop_2402	-5.41	-56.99	≤-25.41	PASS
2DH5	Ant1	High	Hop_2480	-2.23	-56.7	≤-22.23	PASS
3DH5	Ant1	Low	2402	-0.23	-54.26	≤-20.23	PASS
3DH5	Ant1	High	2480	-1.36	-54.55	≤-21.36	PASS
3DH5	Ant1	Low	Hop_2402	-2.66	-56.98	≤-22.66	PASS
3DH5	Ant1	High	Hop_2480	-1.30	-45.93	≤-21.3	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.

