

Appendix Test Data

Report No.:	1812C40160512501	Test Sample No.:	1-2-2
Start Test Date:	2024.11.28	Finish Test Date:	2024.12.13
Test Engineer:	<i>Foker Huang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	23.7℃	Relative Humidity:	50%
Pressure:	101kPa		

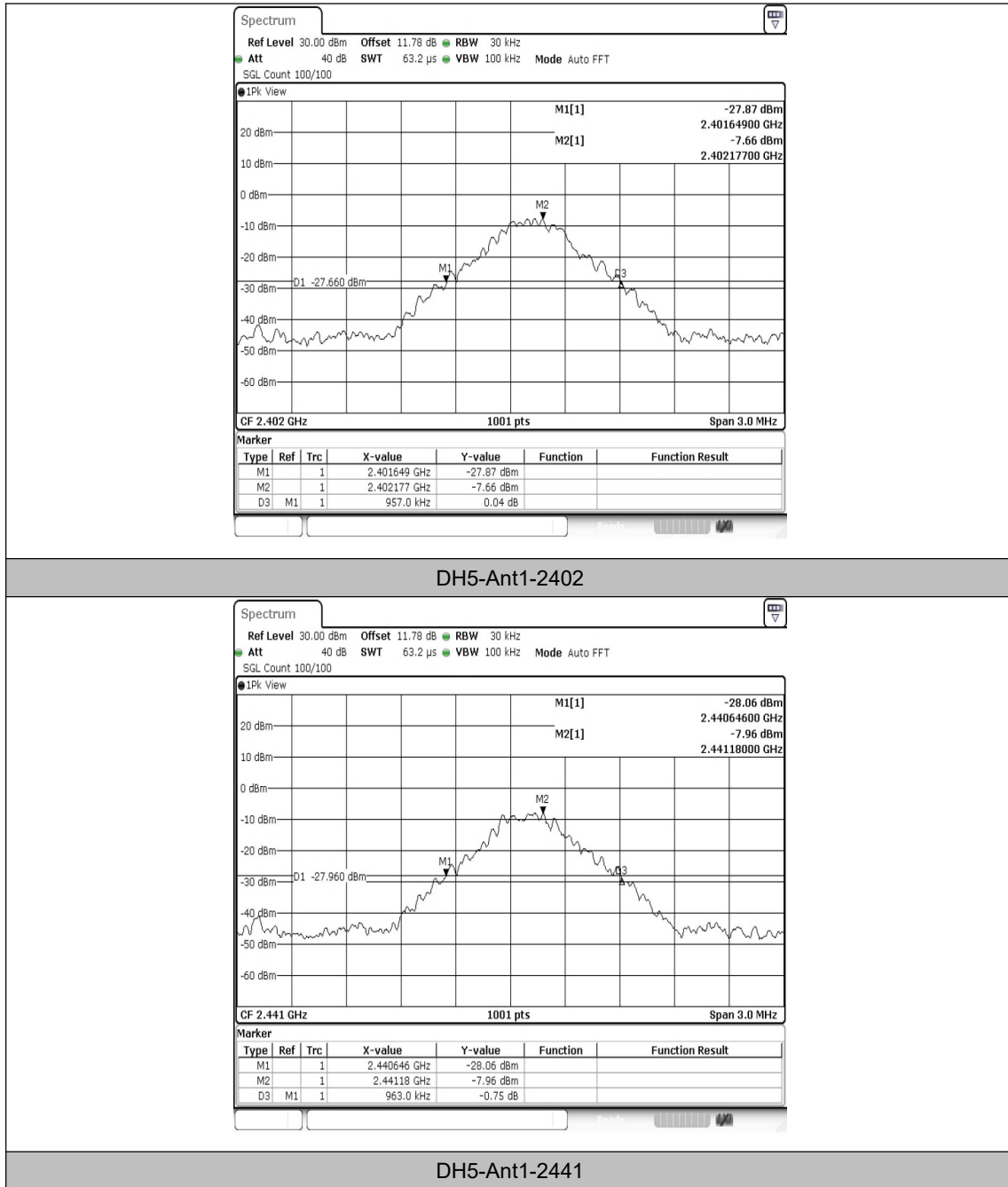
Appendix A: 20dB Bandwidth

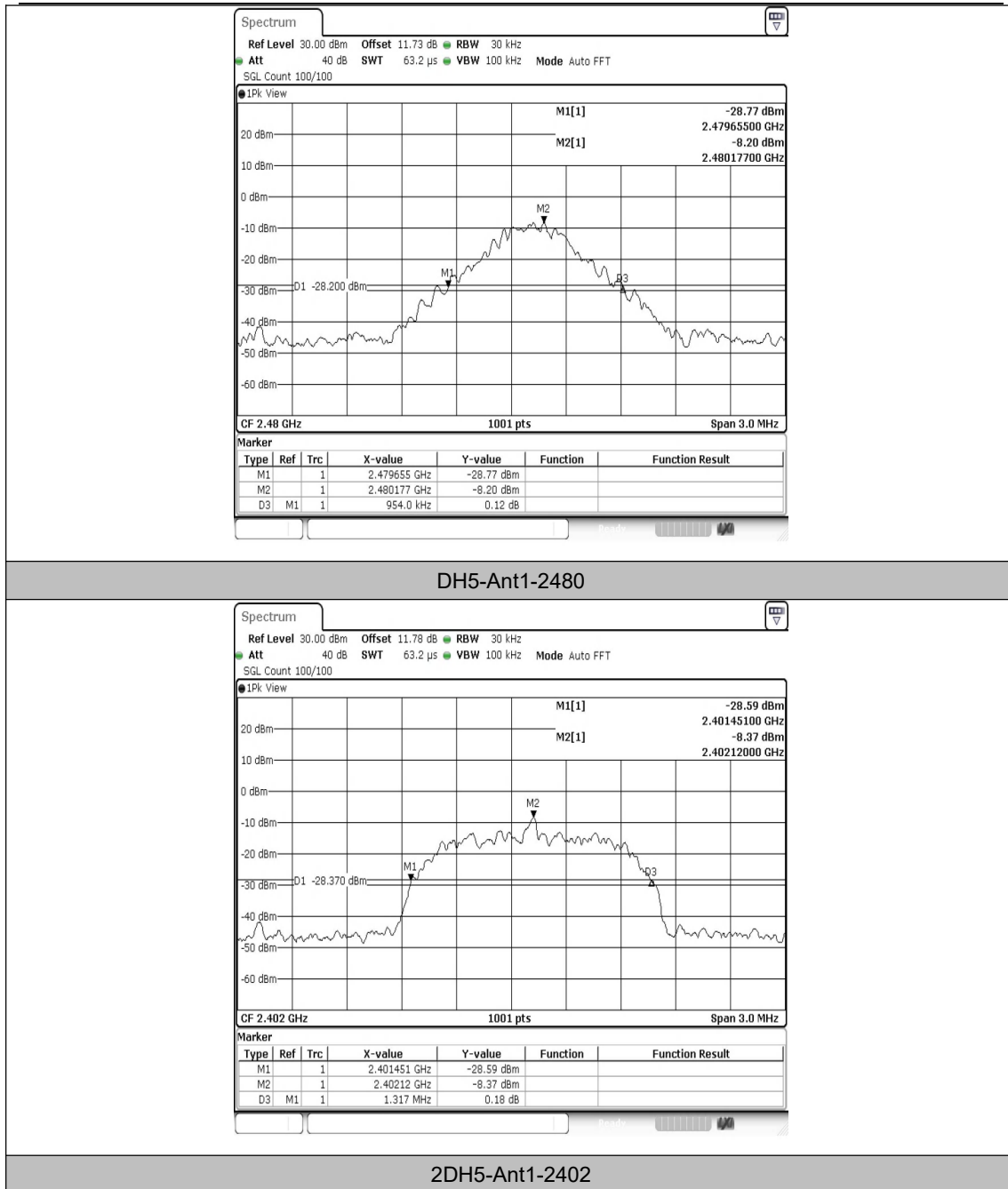
Test Result

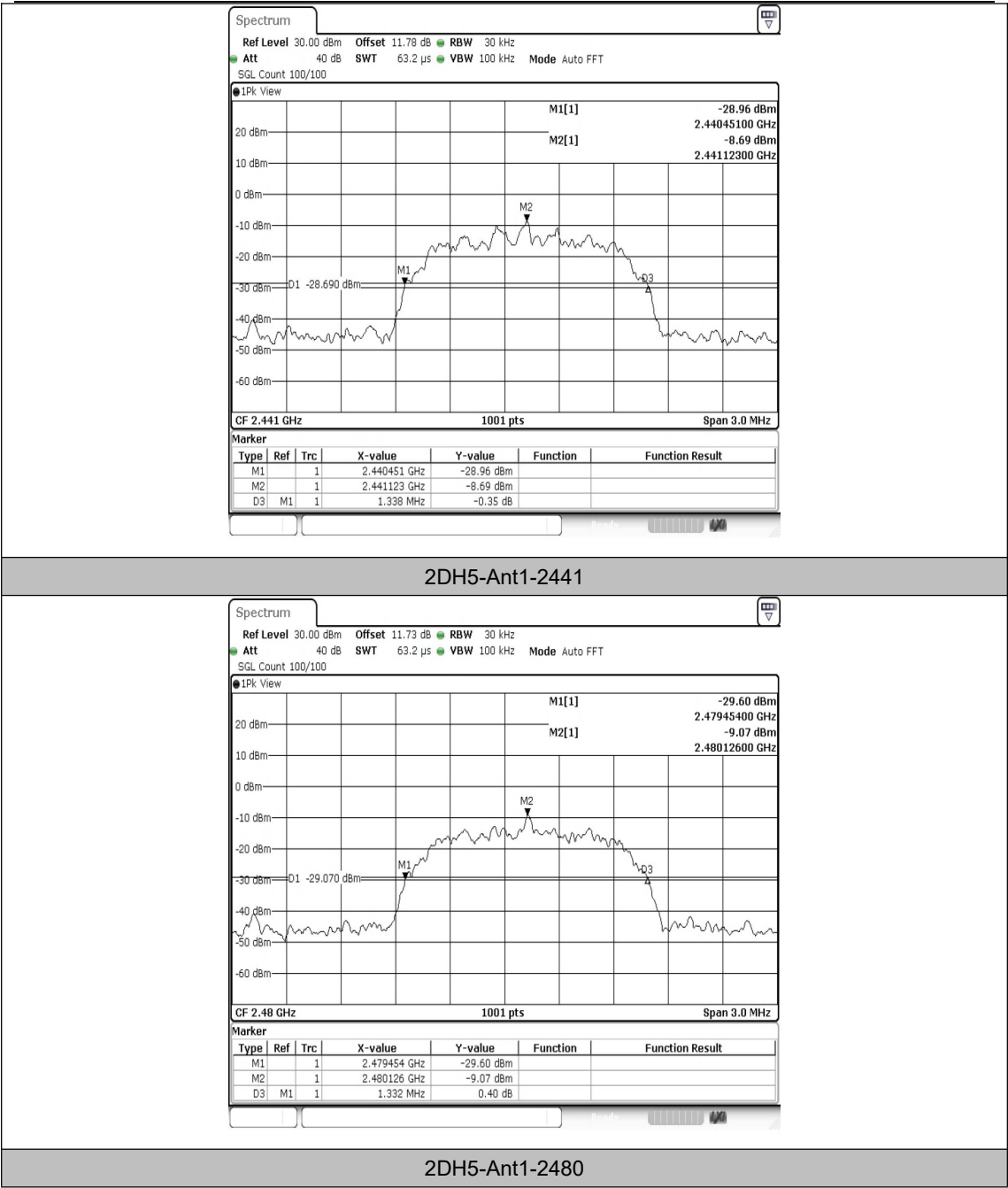
Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.96	2401.65	2402.61	---	---
DH5	Ant1	2441	0.96	2440.65	2441.61	---	---
DH5	Ant1	2480	0.95	2479.66	2480.61	---	---
2DH5	Ant1	2402	1.32	2401.45	2402.77	---	---
2DH5	Ant1	2441	1.34	2440.45	2441.79	---	---
2DH5	Ant1	2480	1.33	2479.45	2480.79	---	---
3DH5	Ant1	2402	1.30	2401.48	2402.78	---	---
3DH5	Ant1	2441	1.28	2440.48	2441.76	---	---
3DH5	Ant1	2480	1.35	2479.45	2480.80	---	---

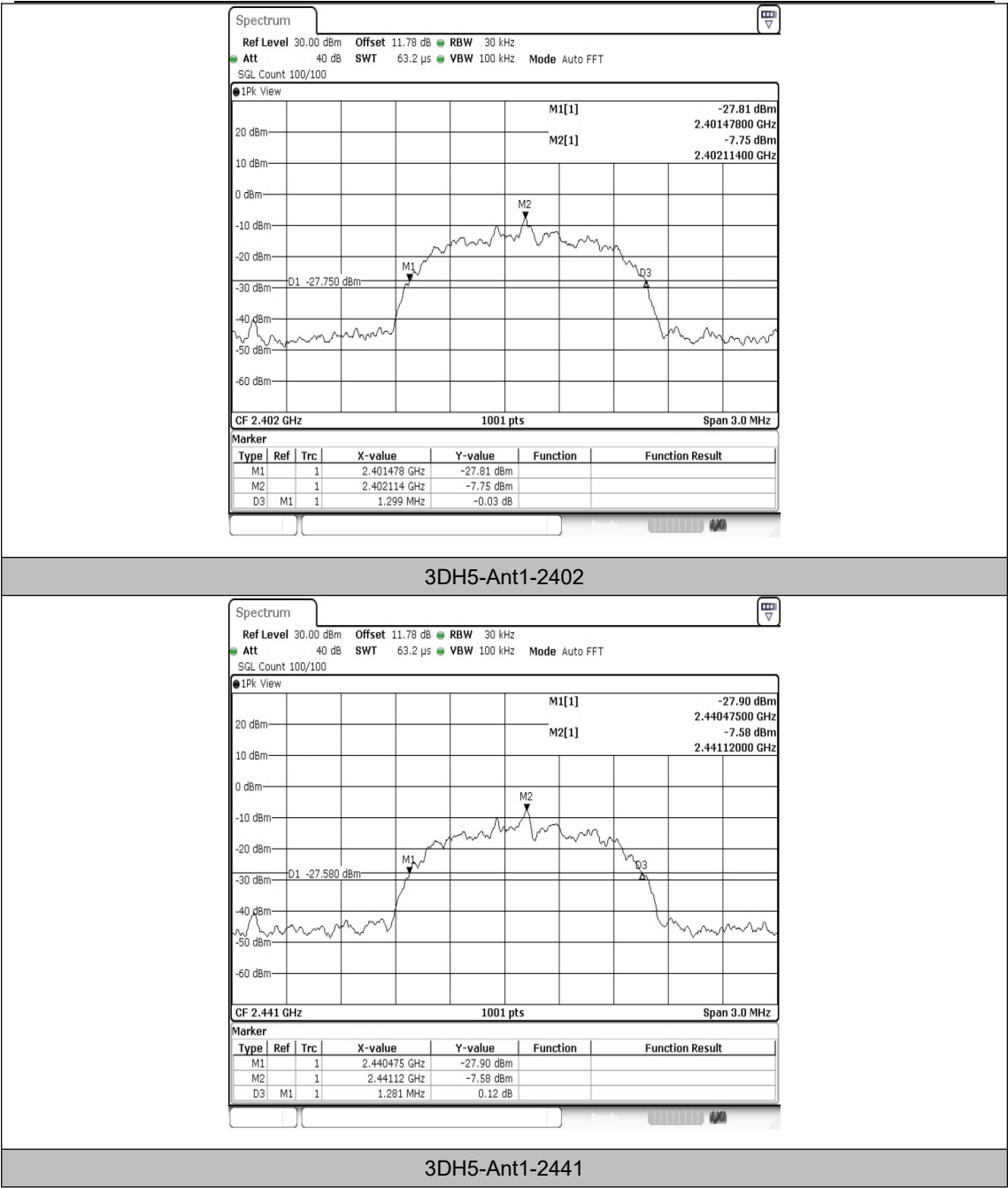


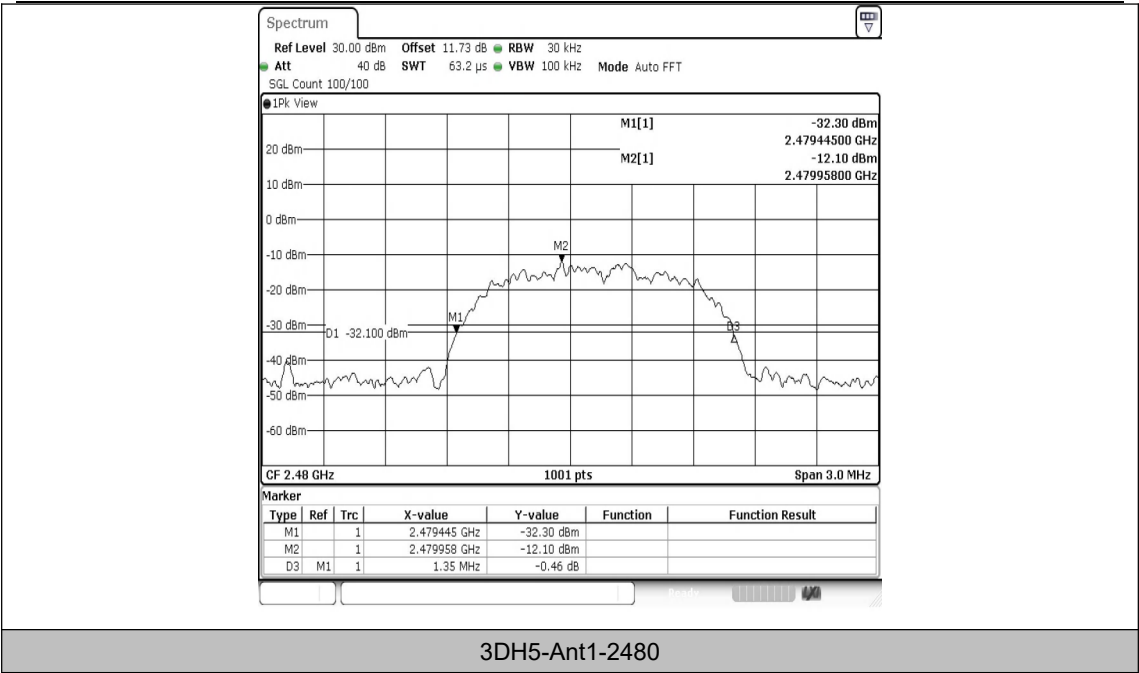
Test Graphs











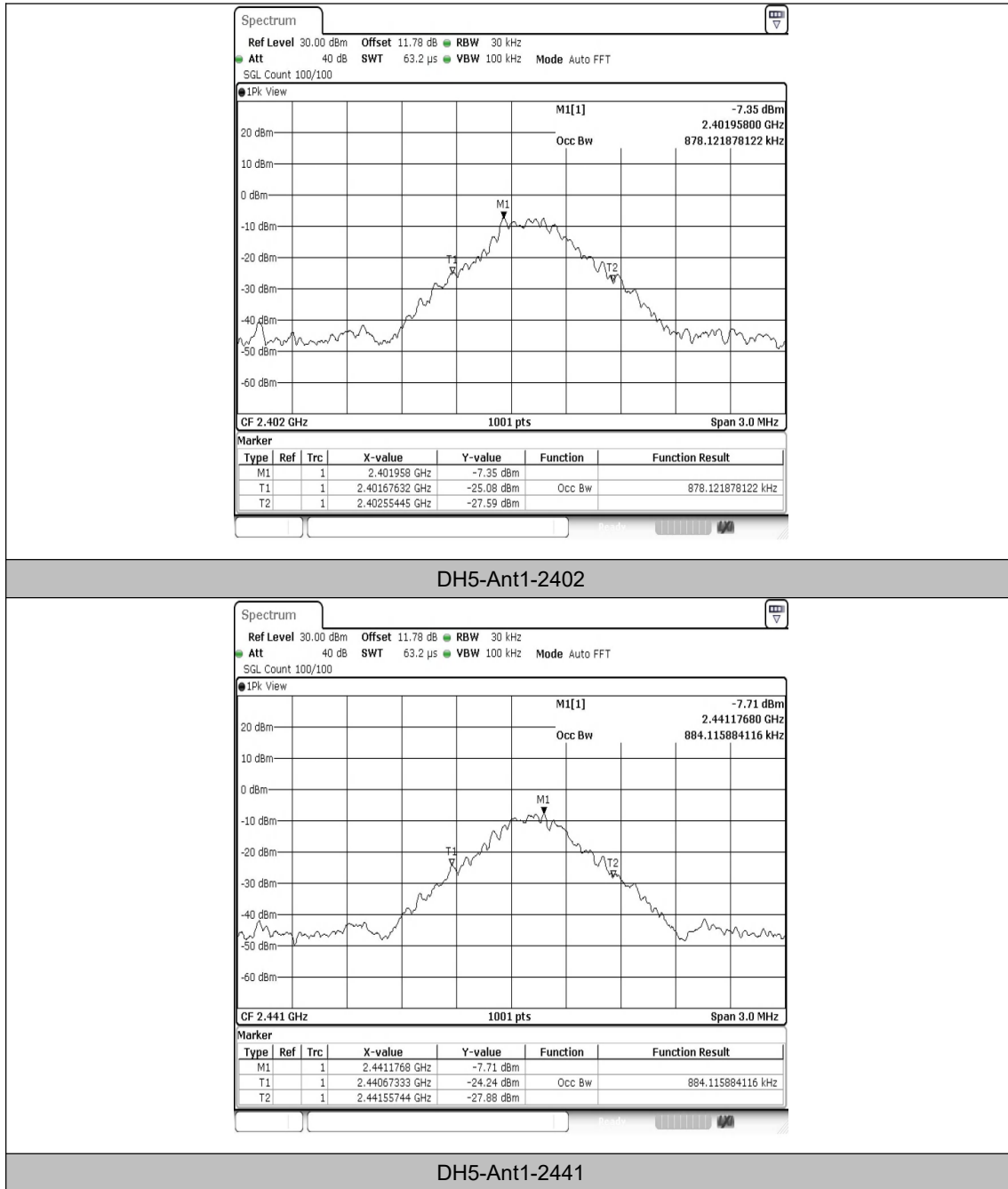
Appendix B: 99% Occupied Bandwidth

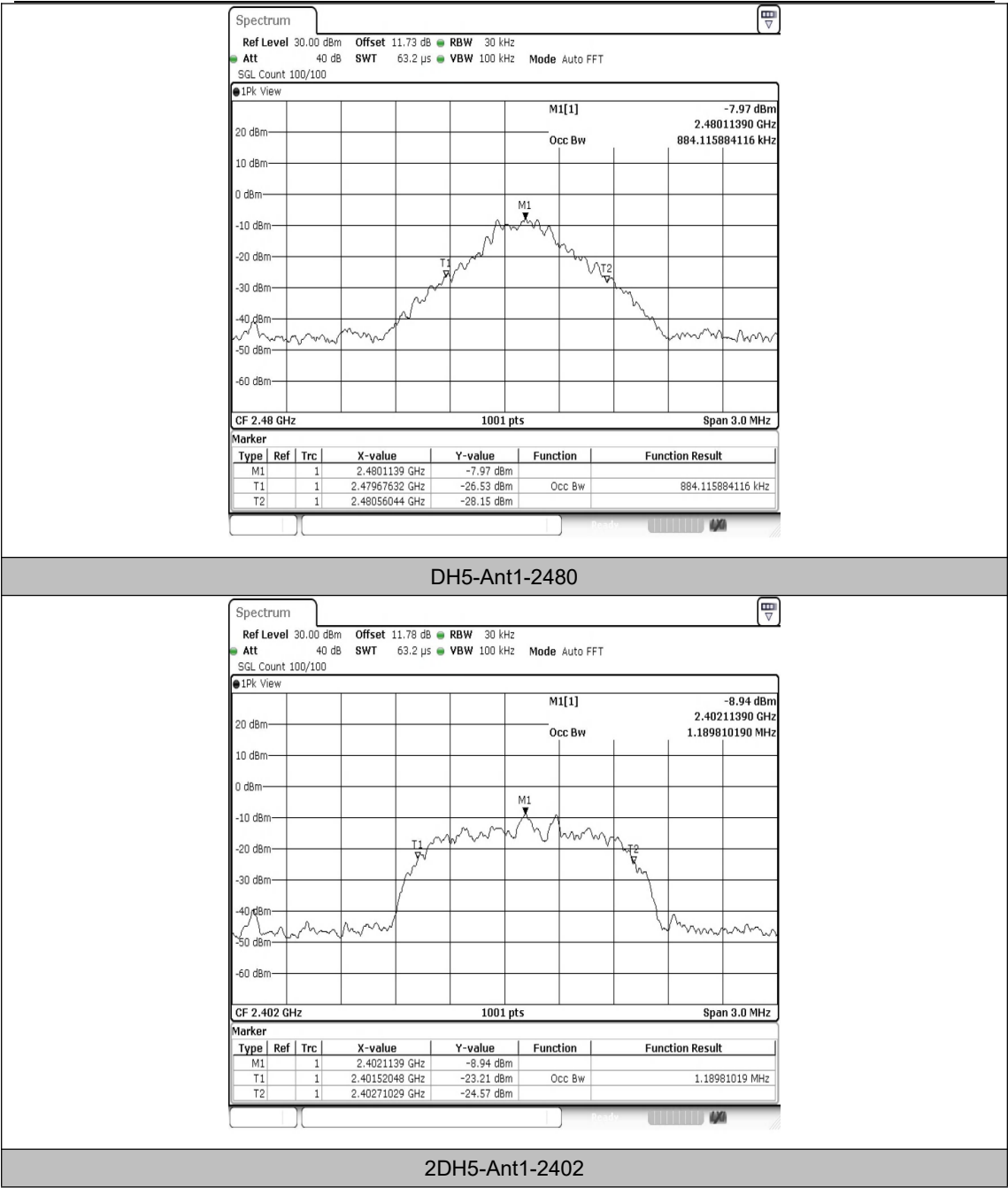
Test Result

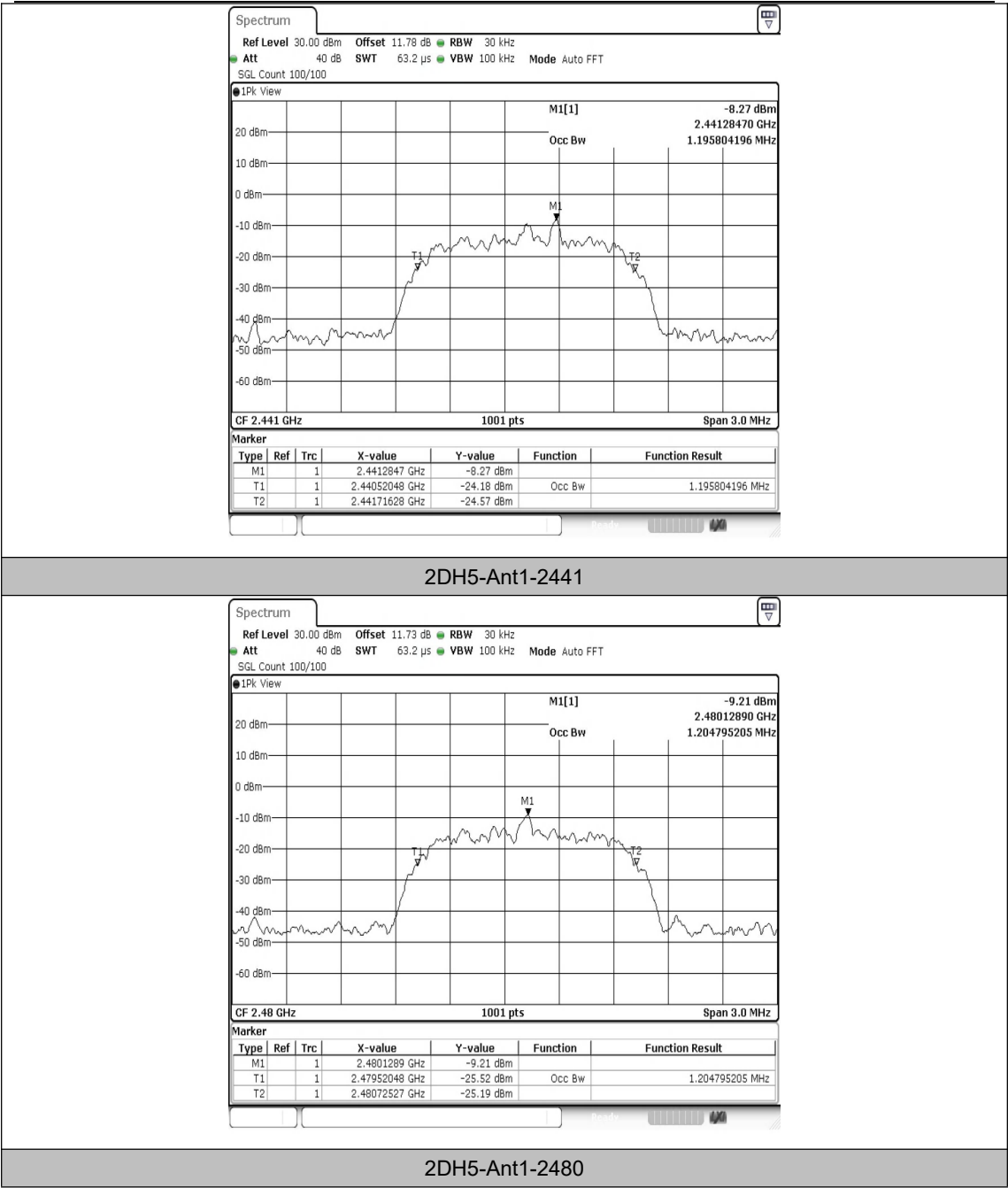
Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.878	2401.6763	2402.5544	---	---
DH5	Ant1	2441	0.884	2440.6733	2441.5574	---	---
DH5	Ant1	2480	0.884	2479.6763	2480.5604	---	---
2DH5	Ant1	2402	1.19	2401.5205	2402.7103	---	---
2DH5	Ant1	2441	1.196	2440.5205	2441.7163	---	---
2DH5	Ant1	2480	1.205	2479.5205	2480.7253	---	---
3DH5	Ant1	2402	1.217	2401.5055	2402.7223	---	---
3DH5	Ant1	2441	1.214	2440.5085	2441.7223	---	---
3DH5	Ant1	2480	1.205	2479.5175	2480.7223	---	---

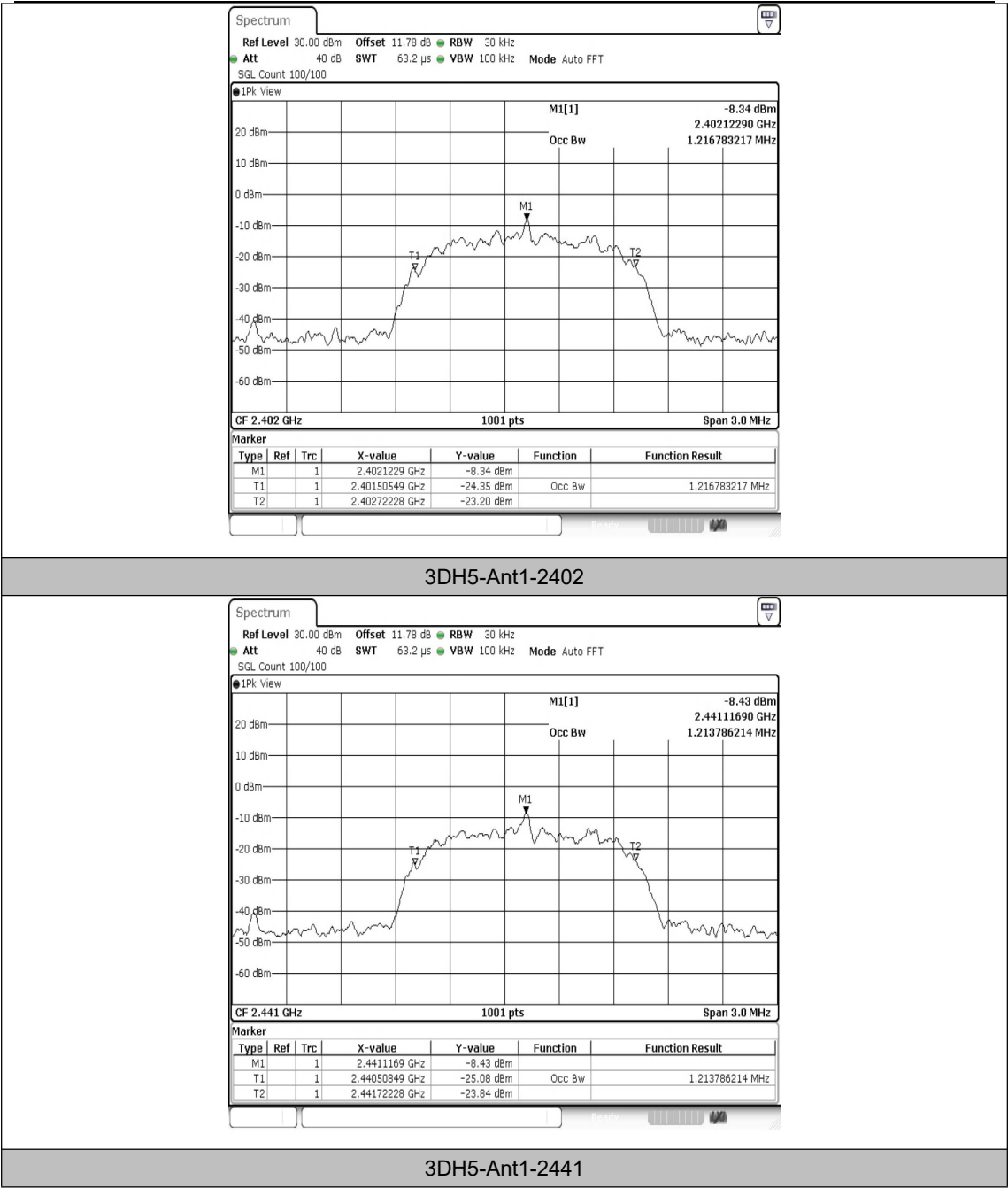


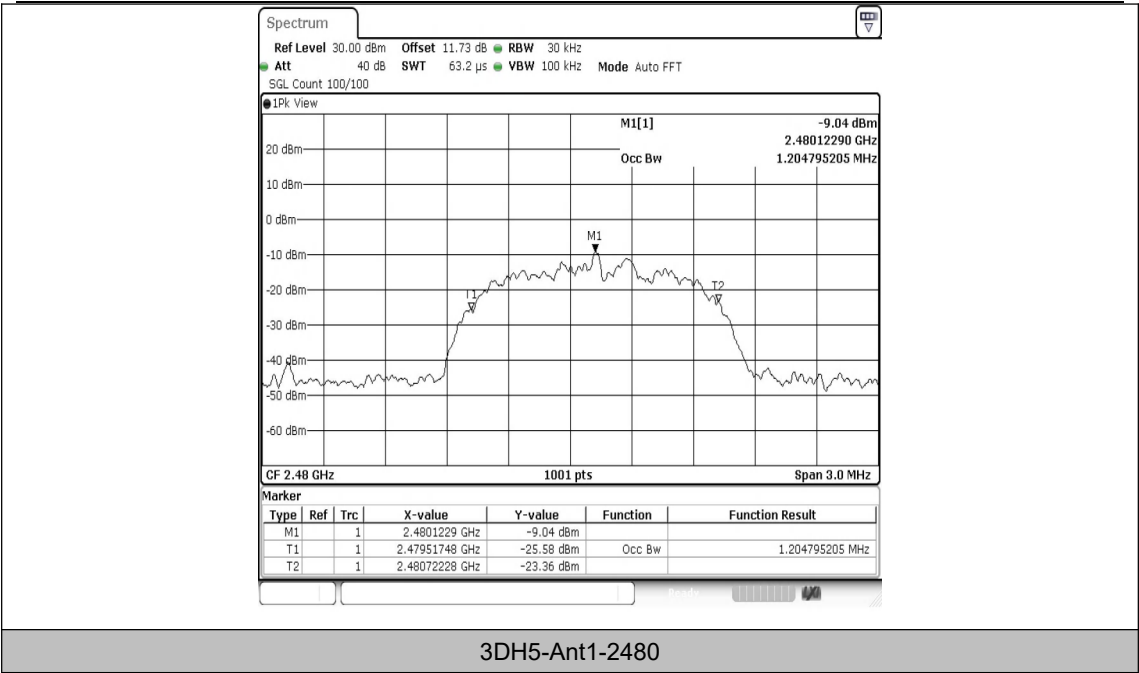
Test Graphs











Shenzhen Anbotek 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@anbotek.com

Hotline
400-003-0500
www.anbotek.com

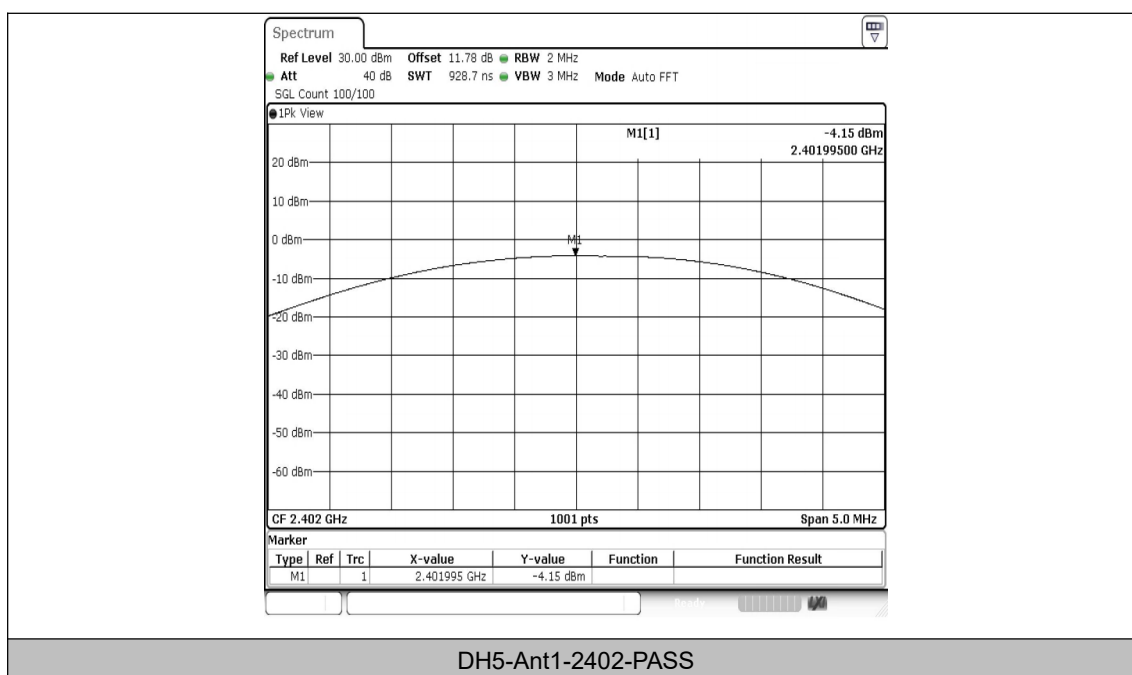


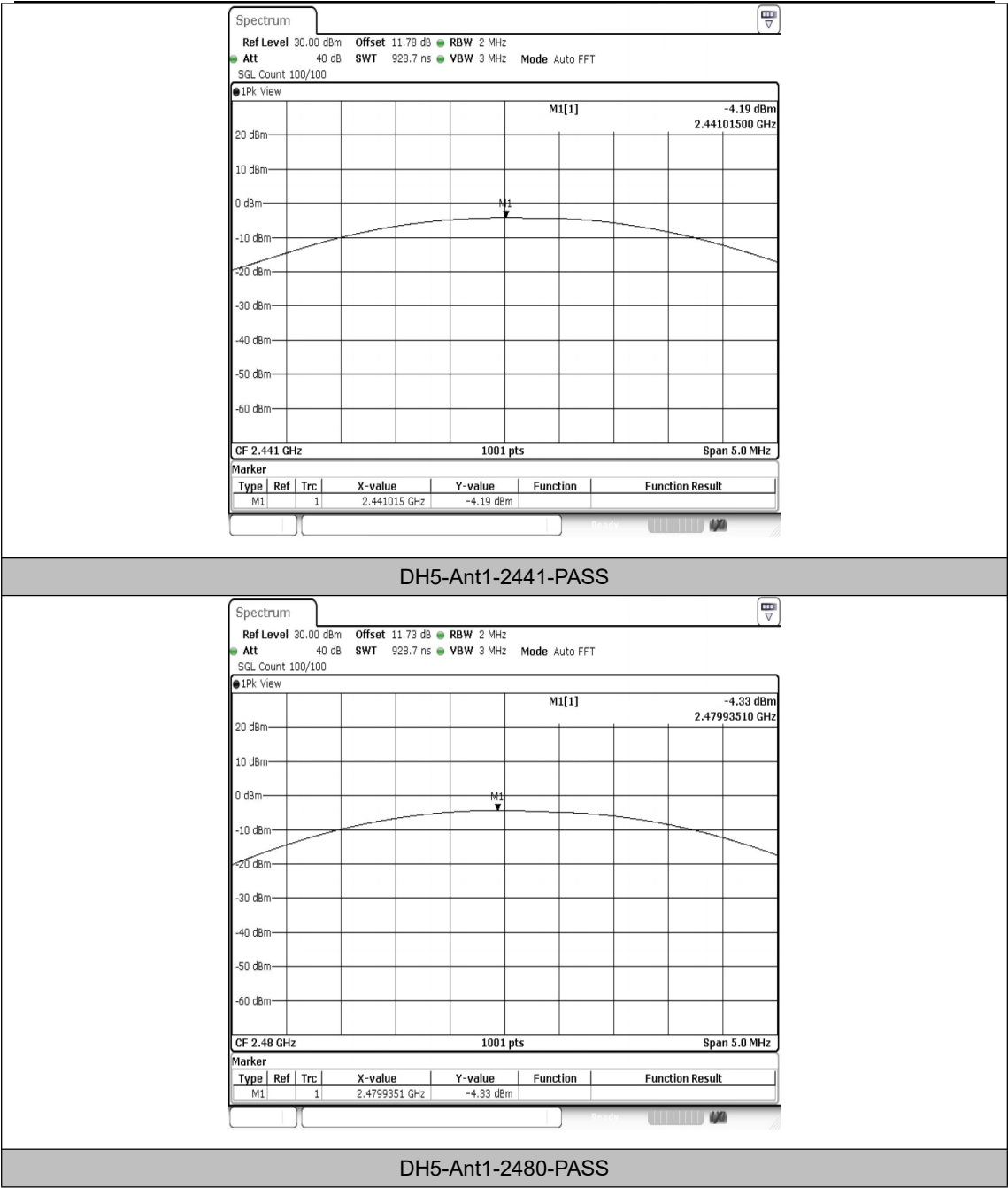
Appendix C: Maximum Conducted Output Power

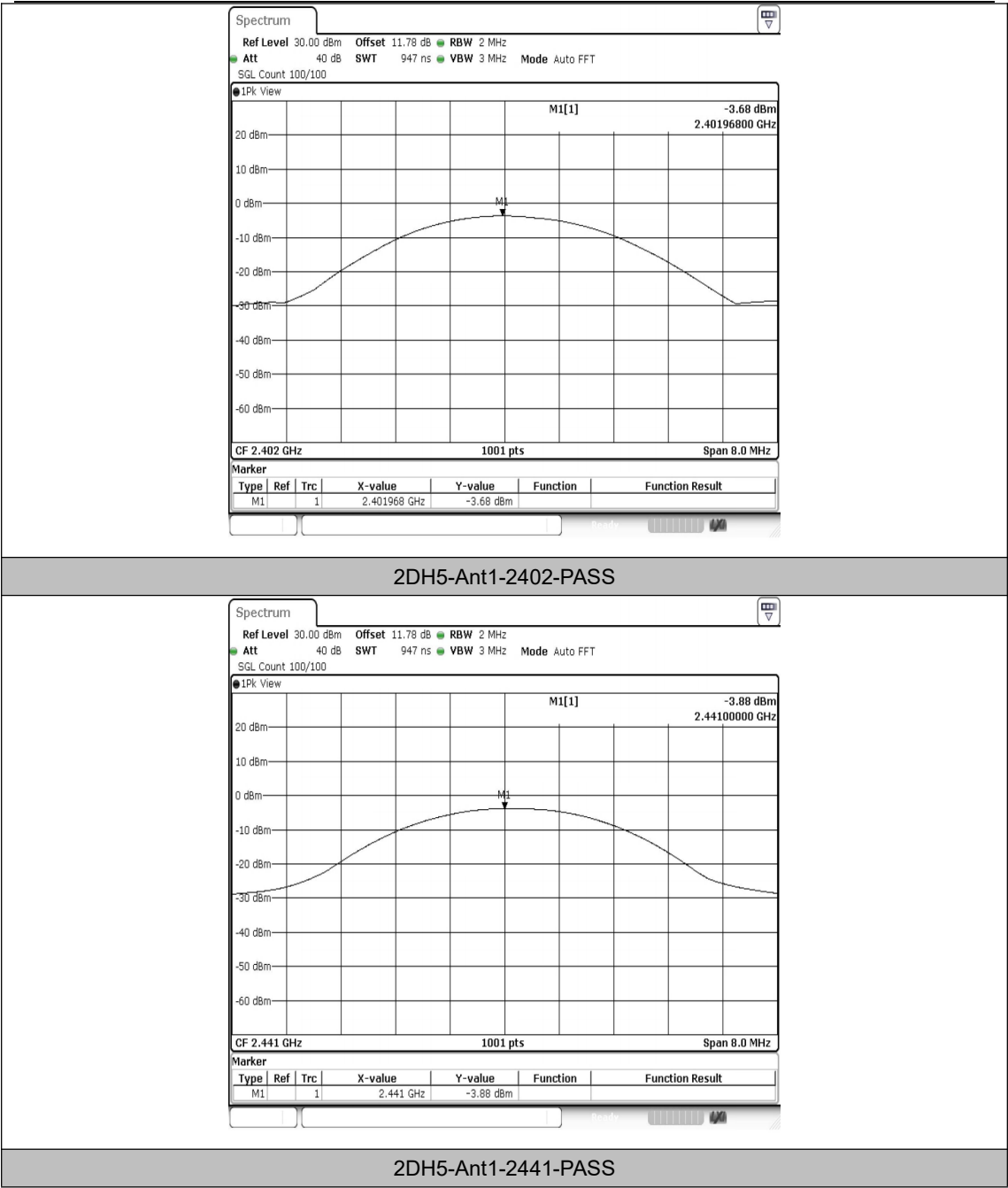
Test Result Peak

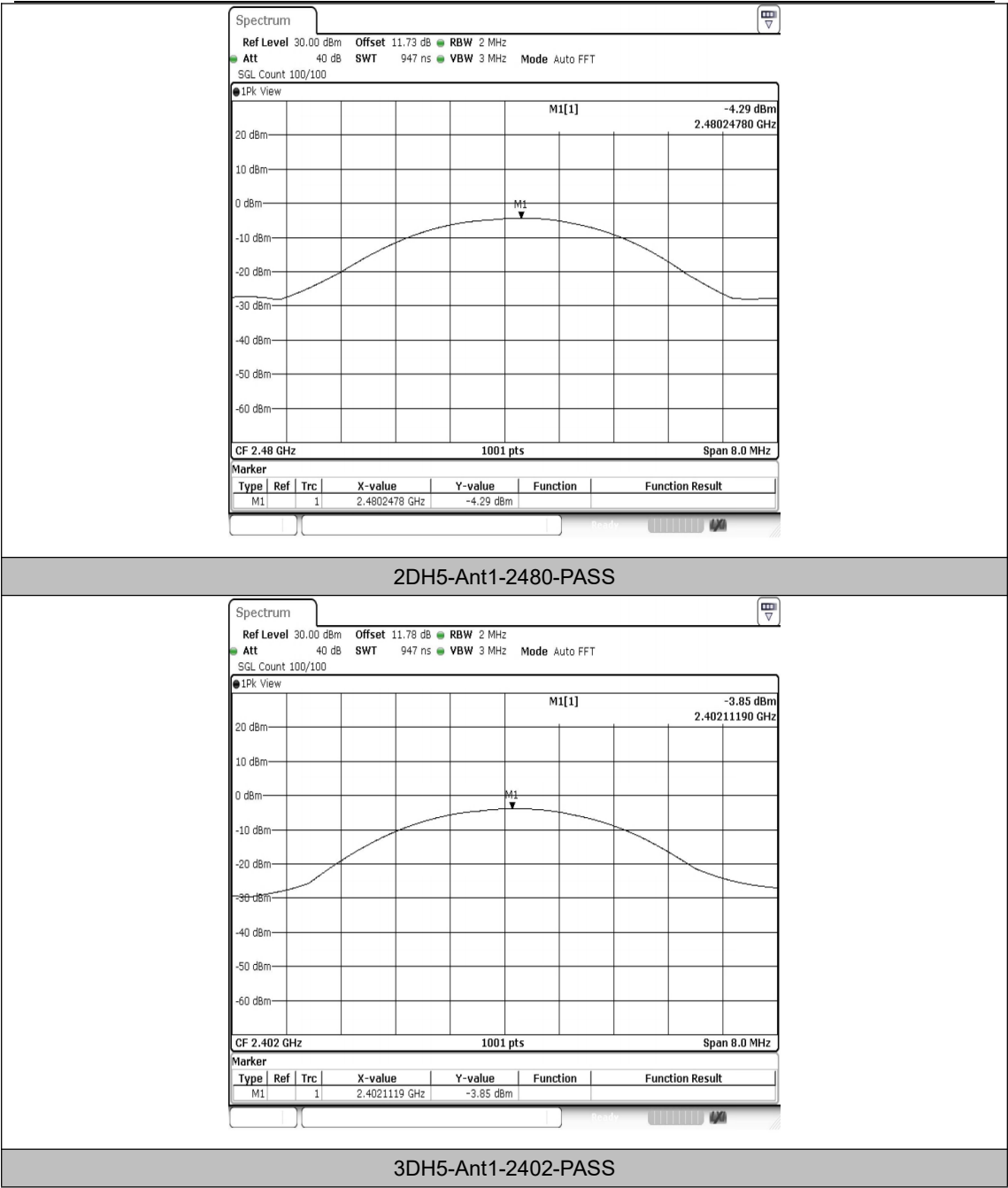
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-4.15	≤30	PASS
DH5	Ant1	2441	-4.19	≤30	PASS
DH5	Ant1	2480	-4.33	≤30	PASS
2DH5	Ant1	2402	-3.68	≤20.97	PASS
2DH5	Ant1	2441	-3.88	≤20.97	PASS
2DH5	Ant1	2480	-4.29	≤20.97	PASS
3DH5	Ant1	2402	-3.85	≤20.97	PASS
3DH5	Ant1	2441	-3.63	≤20.97	PASS
3DH5	Ant1	2480	-4.29	≤20.97	PASS

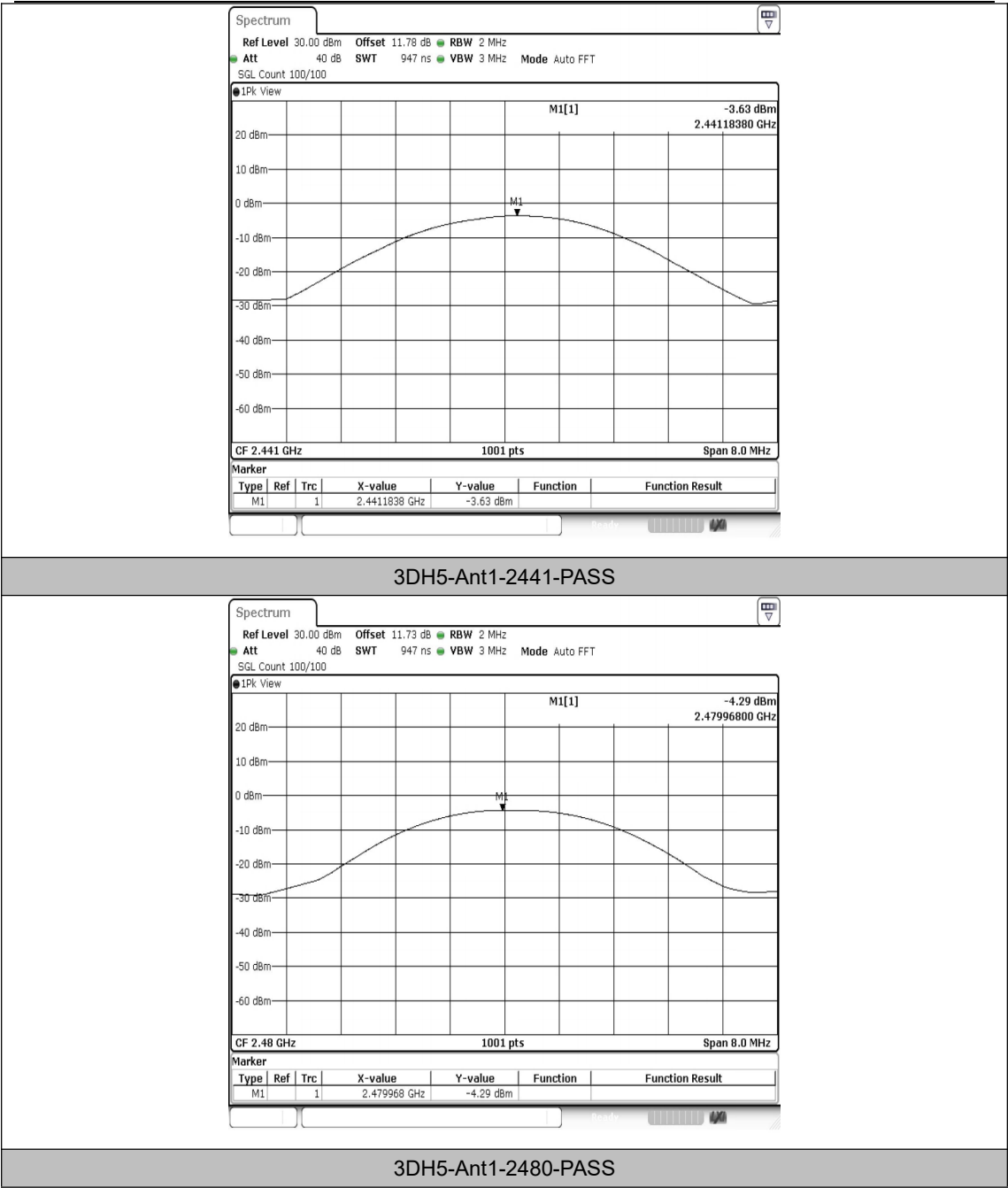
Test Graphs











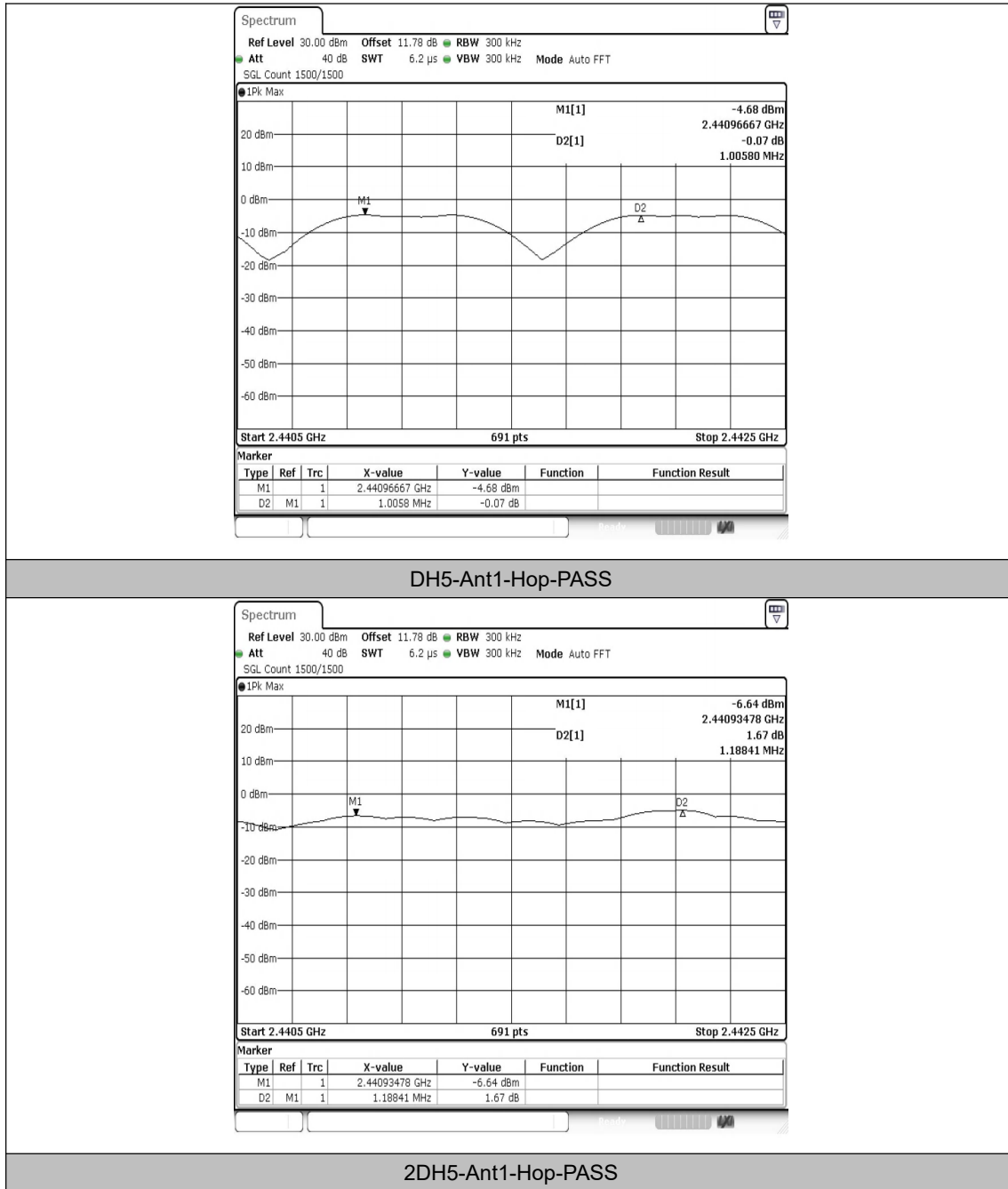
Appendix D: Carrier frequency separation

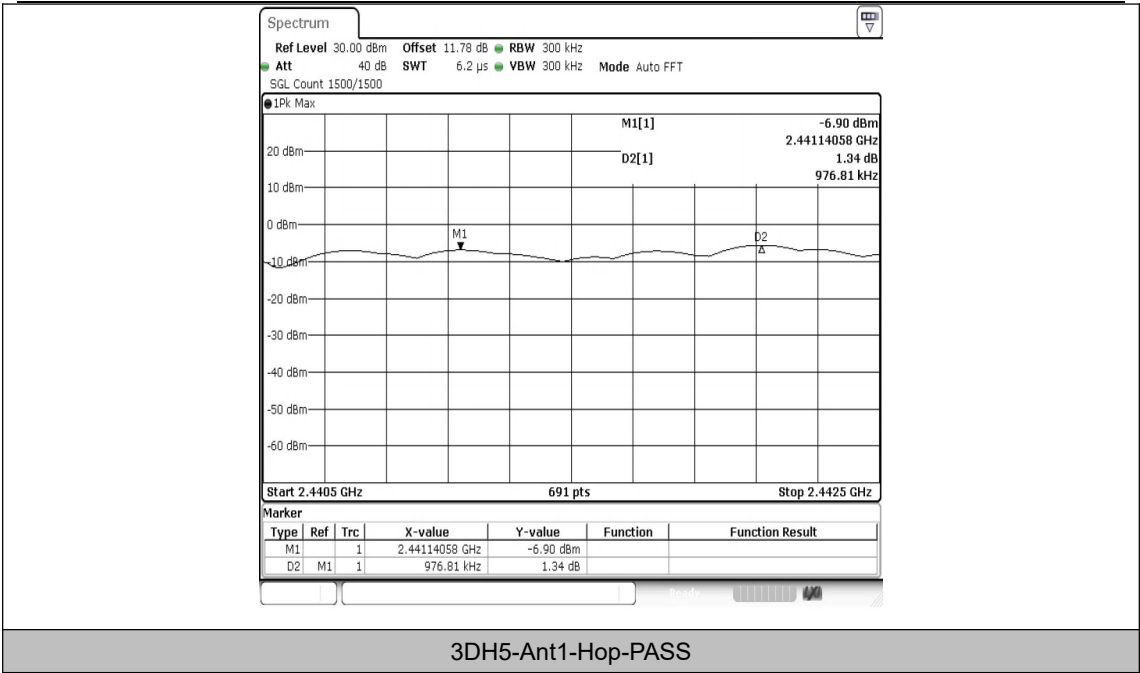
Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.006	≥0.960	PASS
2DH5	Ant1	Hop	1.188	≥0.893	PASS
3DH5	Ant1	Hop	0.977	≥0.900	PASS



Test Graphs





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

Hotline
400-003-0500
www.anbotek.com



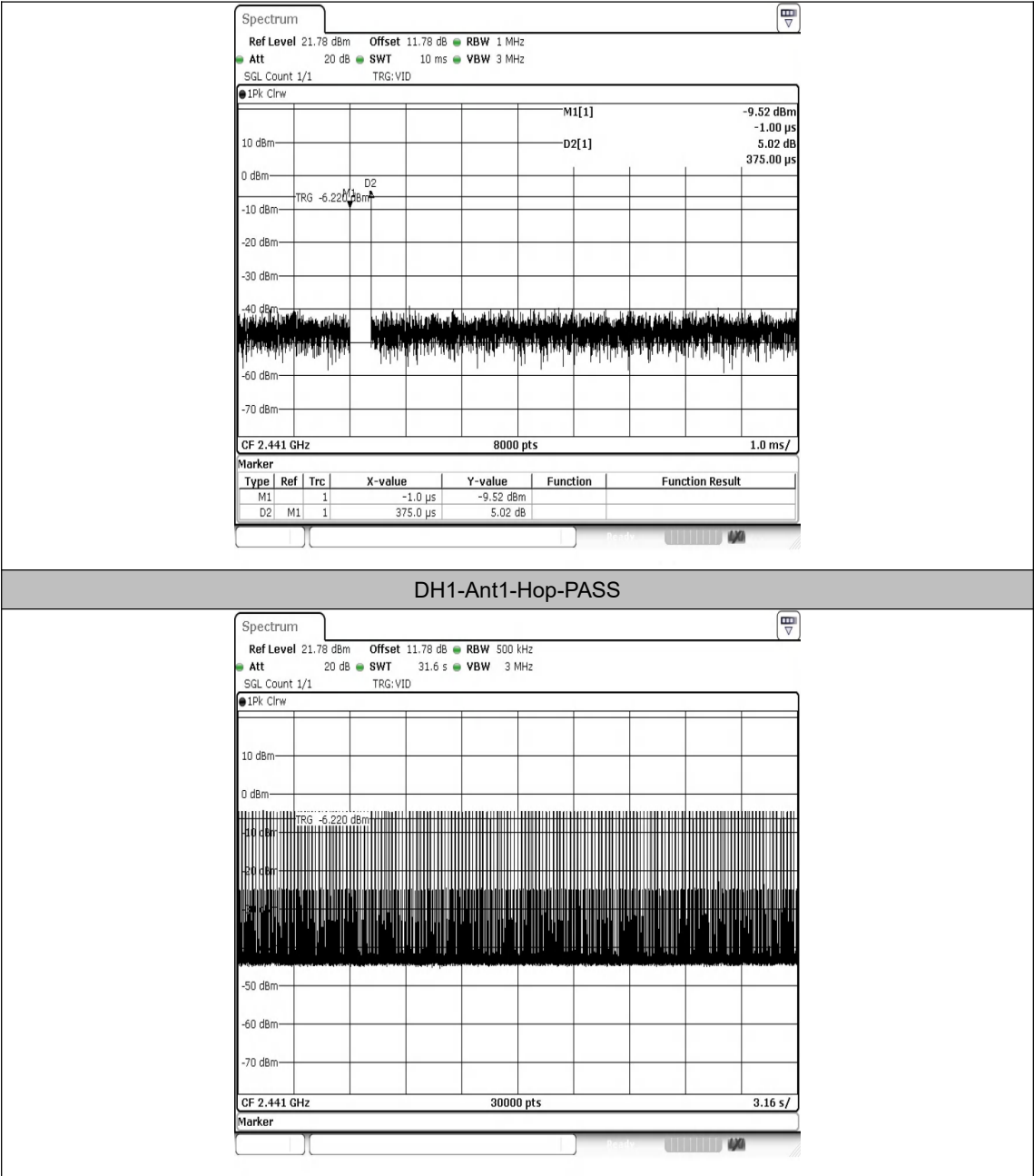
Appendix E: Dwell Time

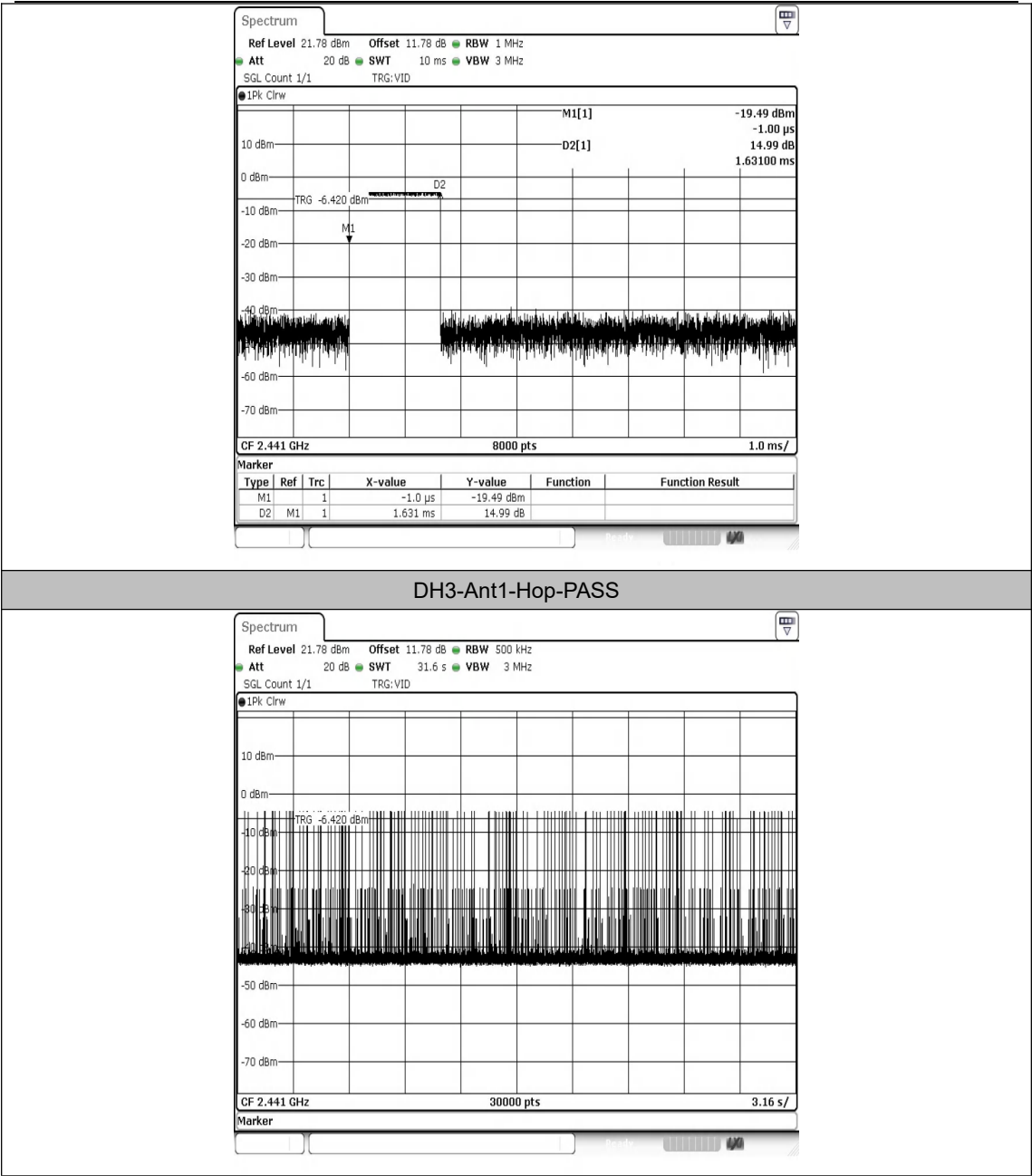
Test Result

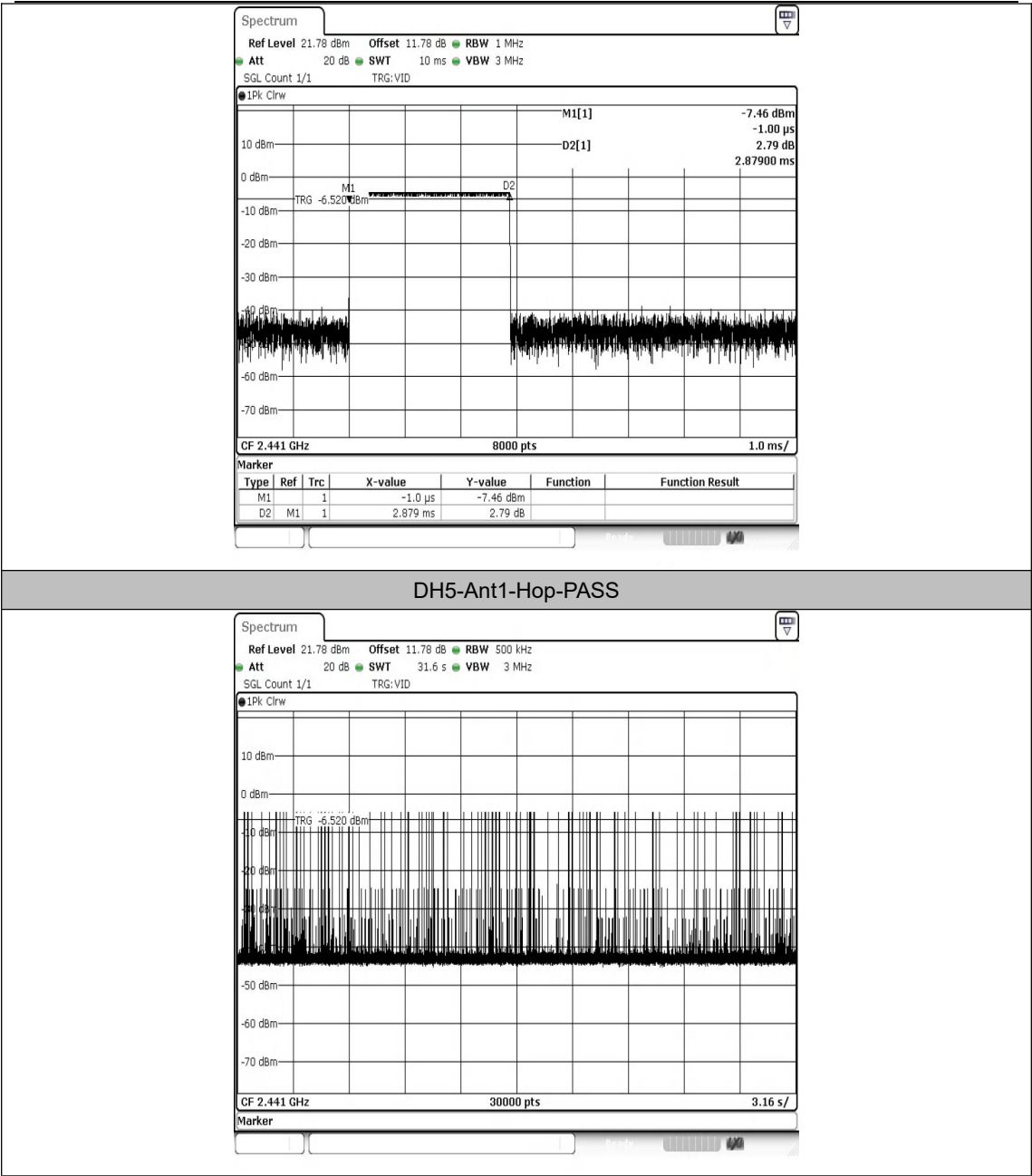
Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH1	Ant1	Hop	0.375	318	0.119	≤0.4	PASS
DH3	Ant1	Hop	1.631	165	0.269	≤0.4	PASS
DH5	Ant1	Hop	2.879	113	0.325	≤0.4	PASS
2DH1	Ant1	Hop	0.385	318	0.122	≤0.4	PASS
2DH3	Ant1	Hop	1.638	160	0.262	≤0.4	PASS
2DH5	Ant1	Hop	2.885	99	0.286	≤0.4	PASS
3DH1	Ant1	Hop	0.385	316	0.122	≤0.4	PASS
3DH3	Ant1	Hop	1.636	160	0.262	≤0.4	PASS
3DH5	Ant1	Hop	2.888	122	0.352	≤0.4	PASS

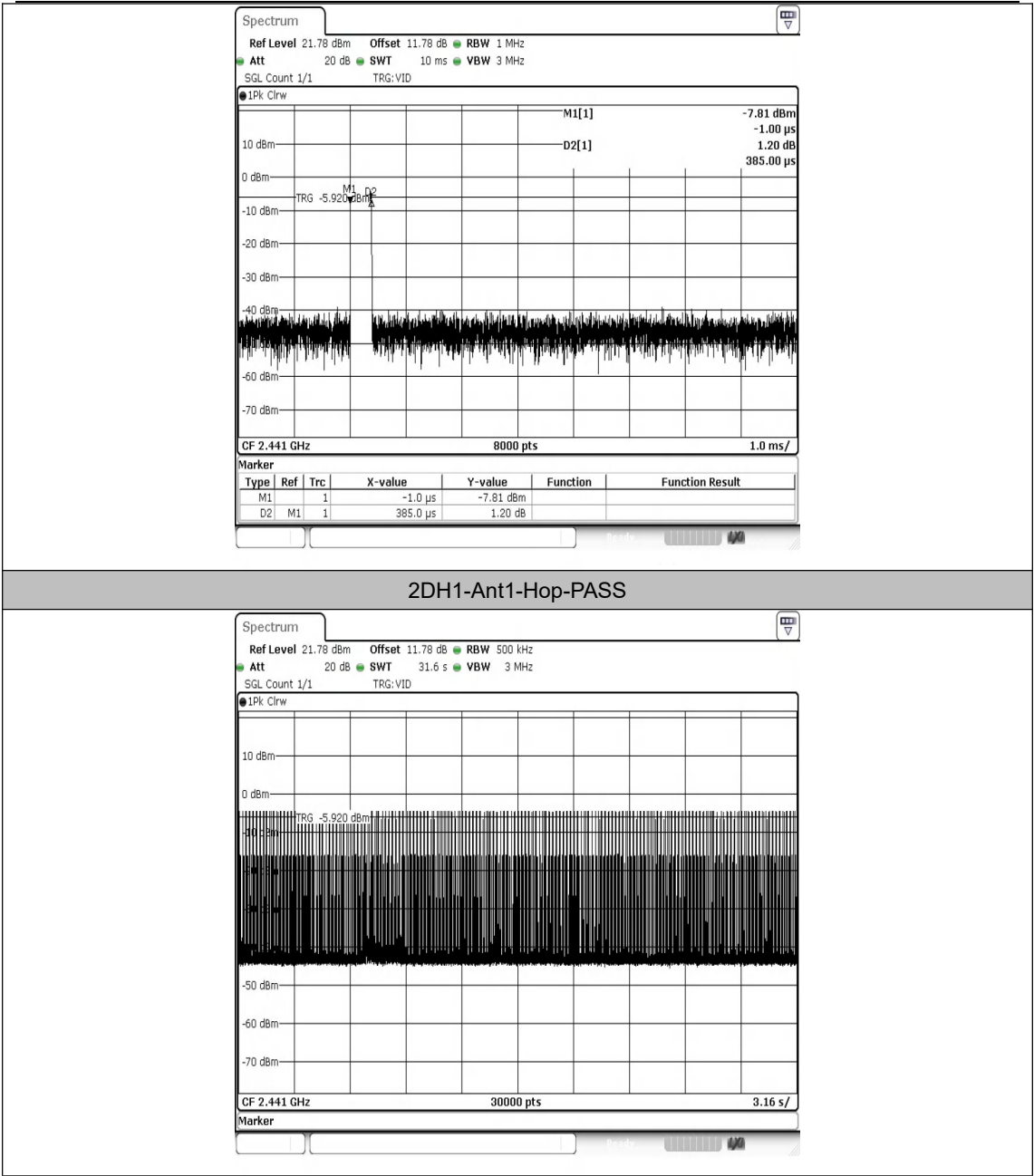


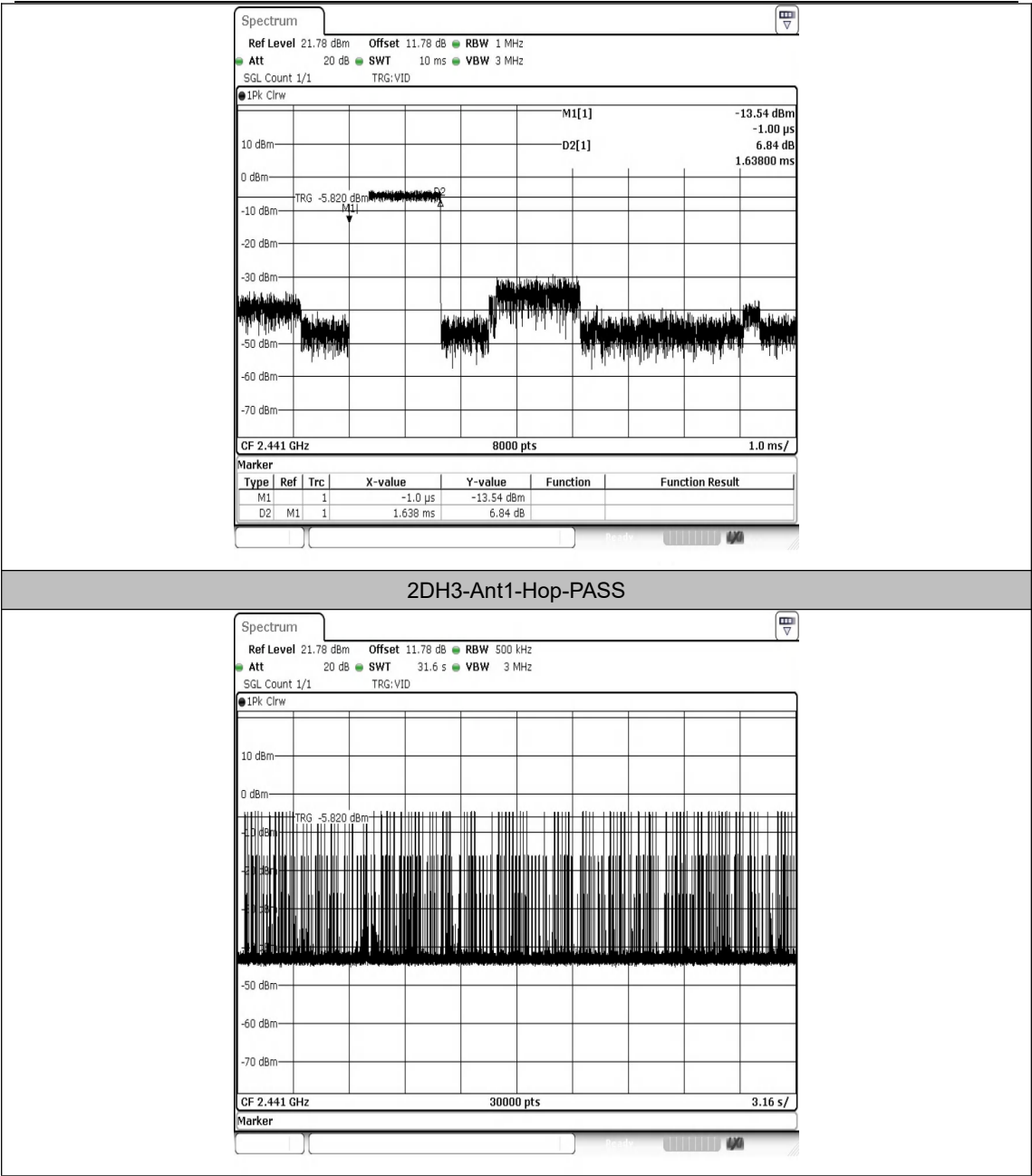
Test Graphs

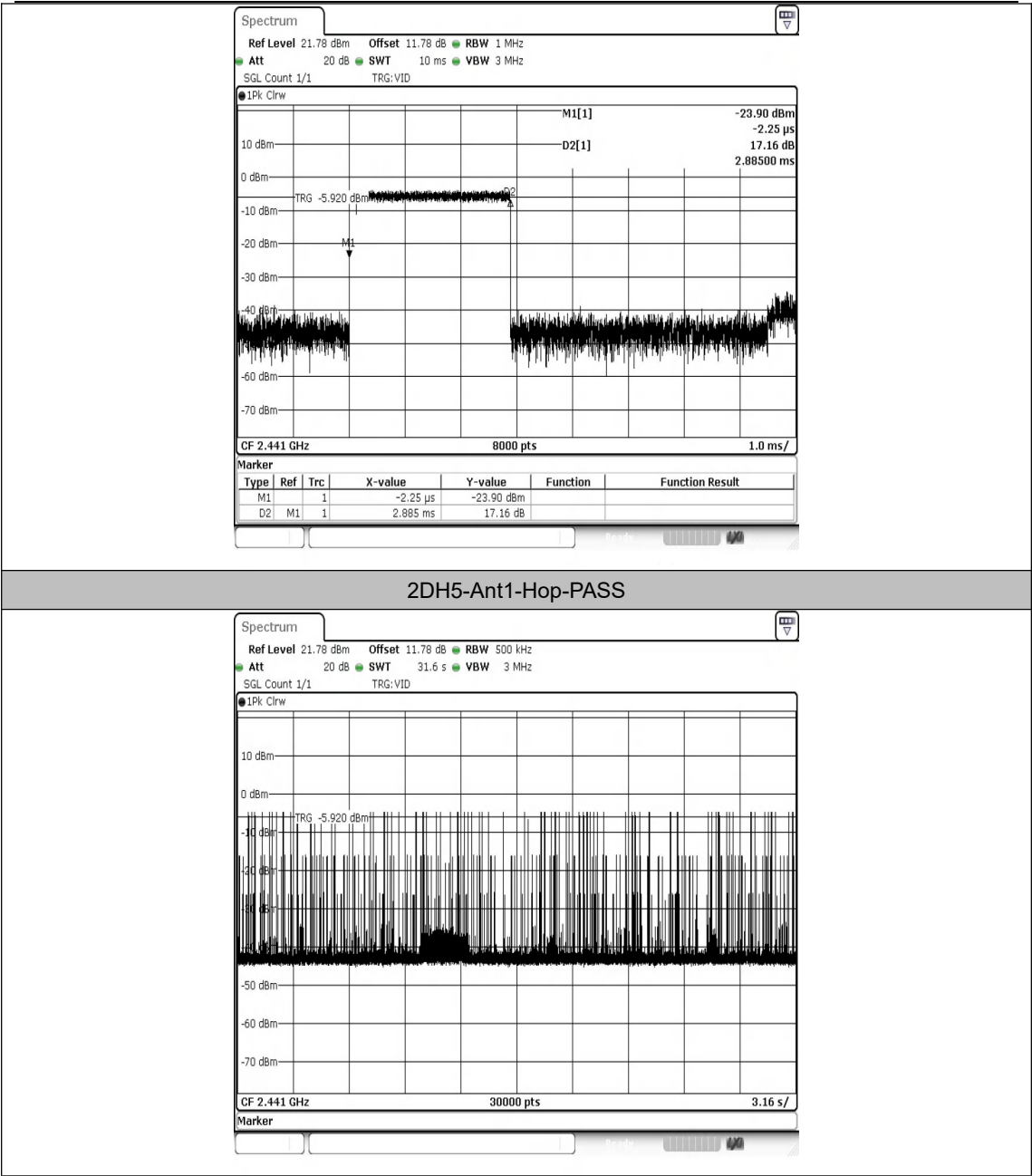


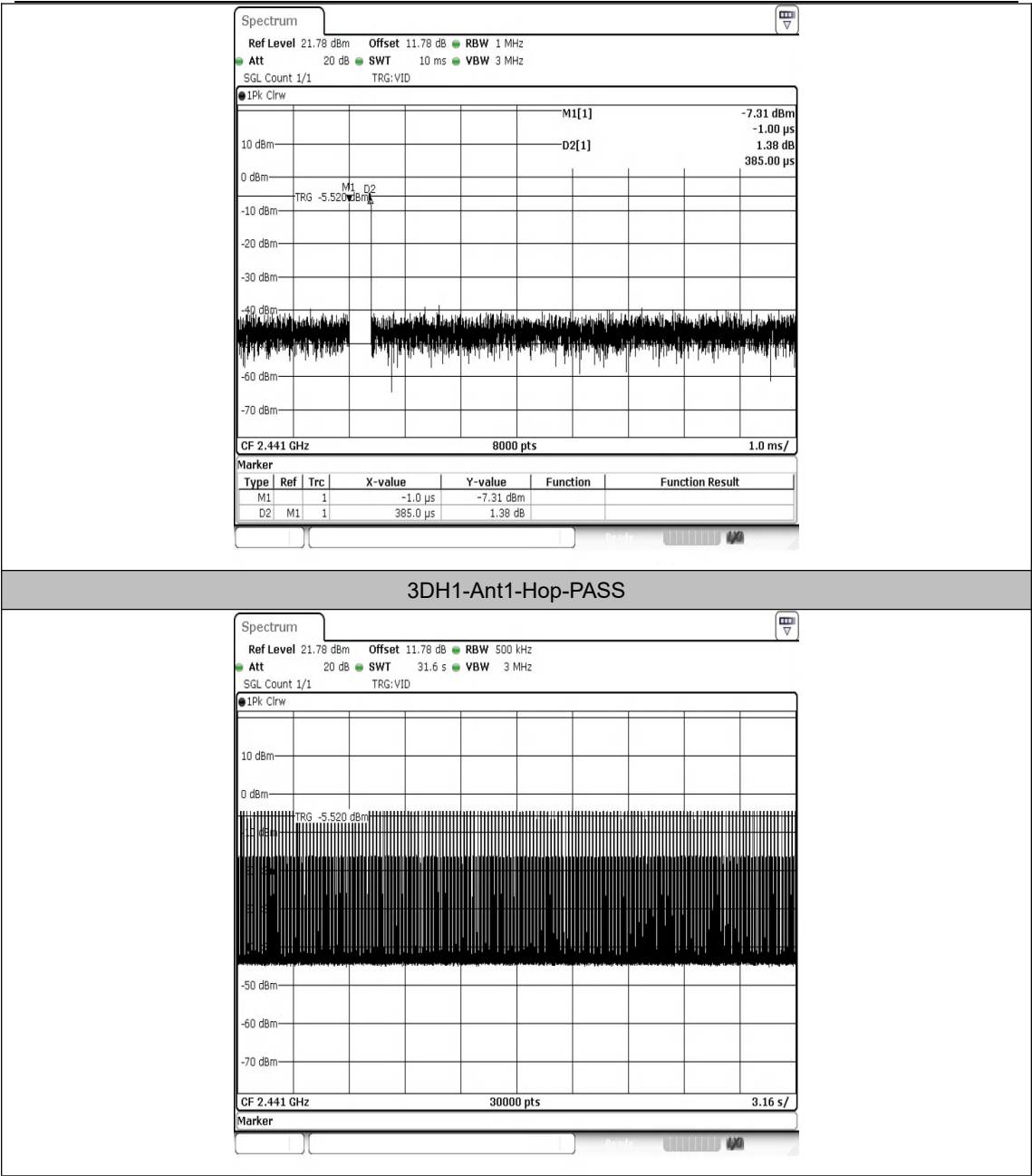


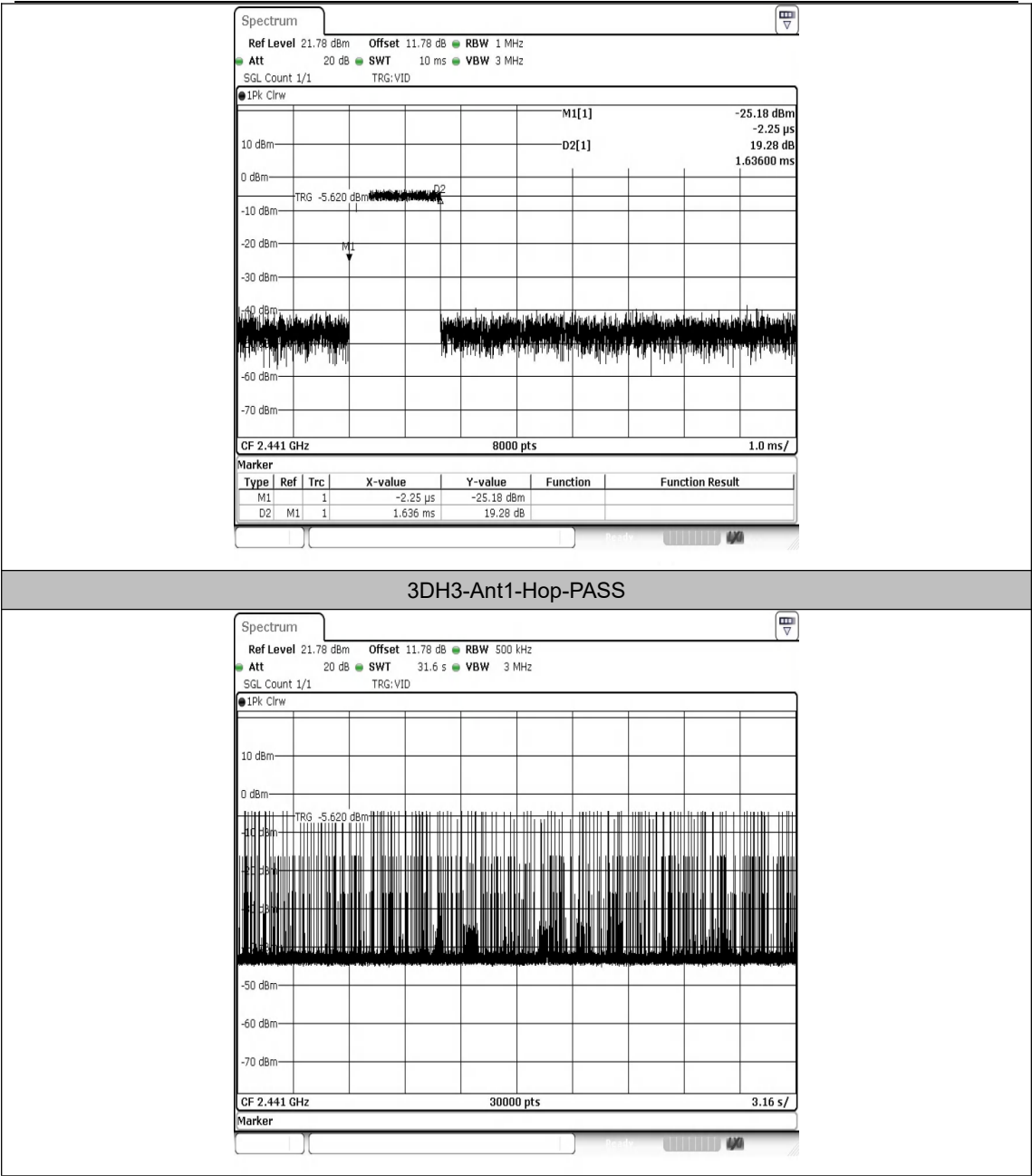


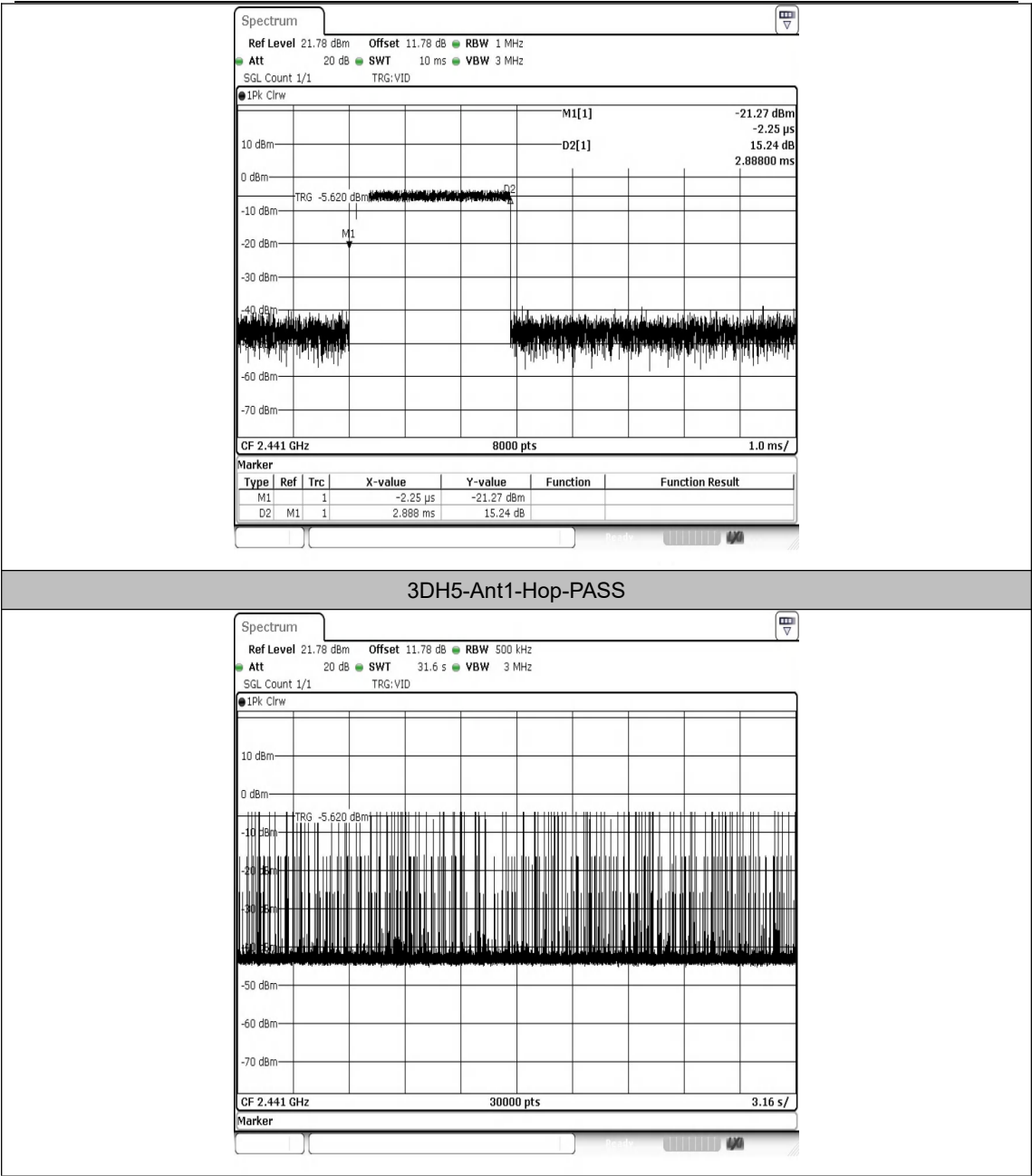












Appendix F: Number of Hopping Channel

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

