

Appendix Test Data

Report No:	182512C400451101	Test Sample NO:	1-2-2
Start Test Date:	2024.8.12	Finish Test Date:	2024.8.12
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	22.5℃	Relative Humidity:	51.1%
Pressure:	101 kPa		

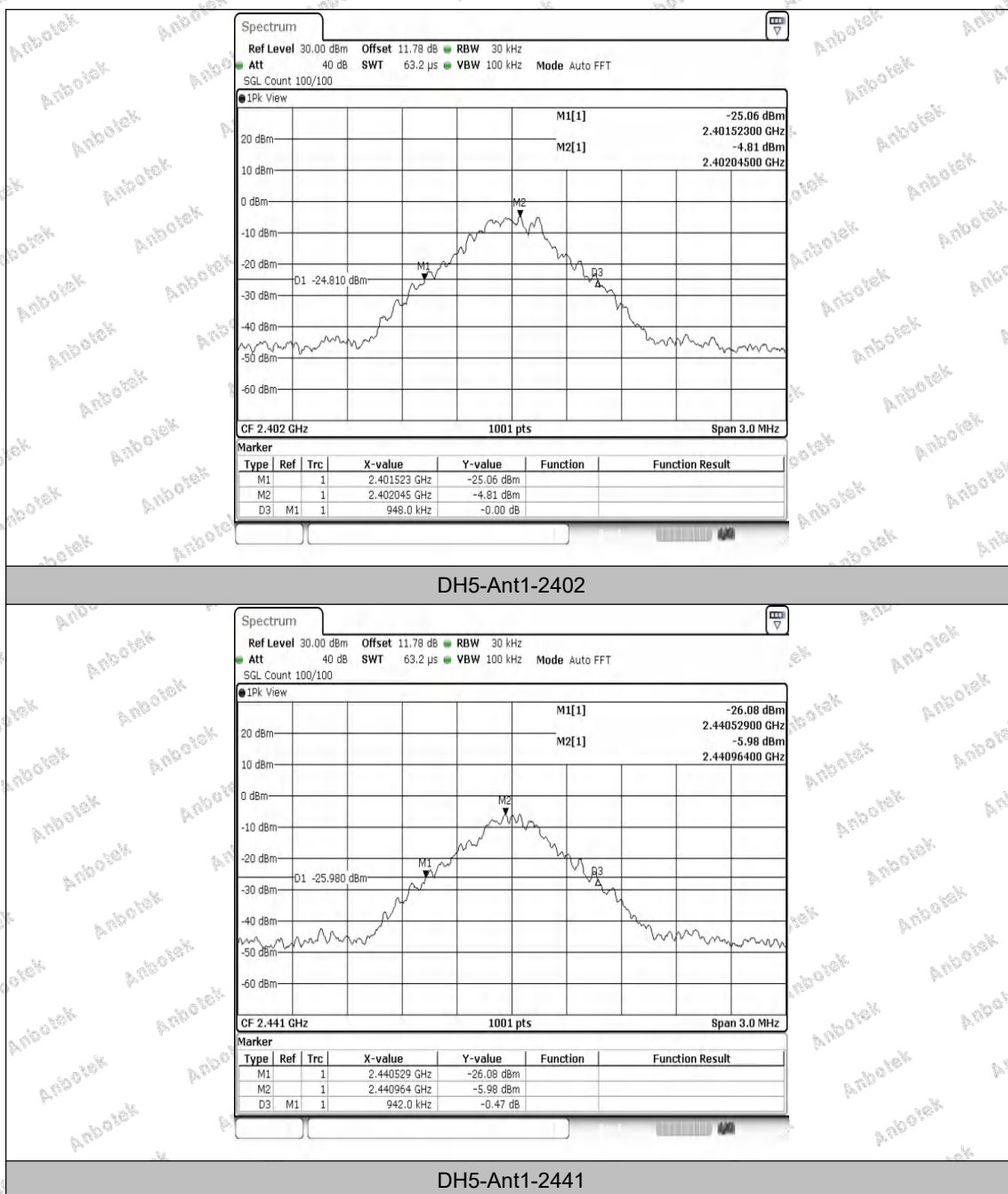
Appendix A: 20dB Emission Bandwidth

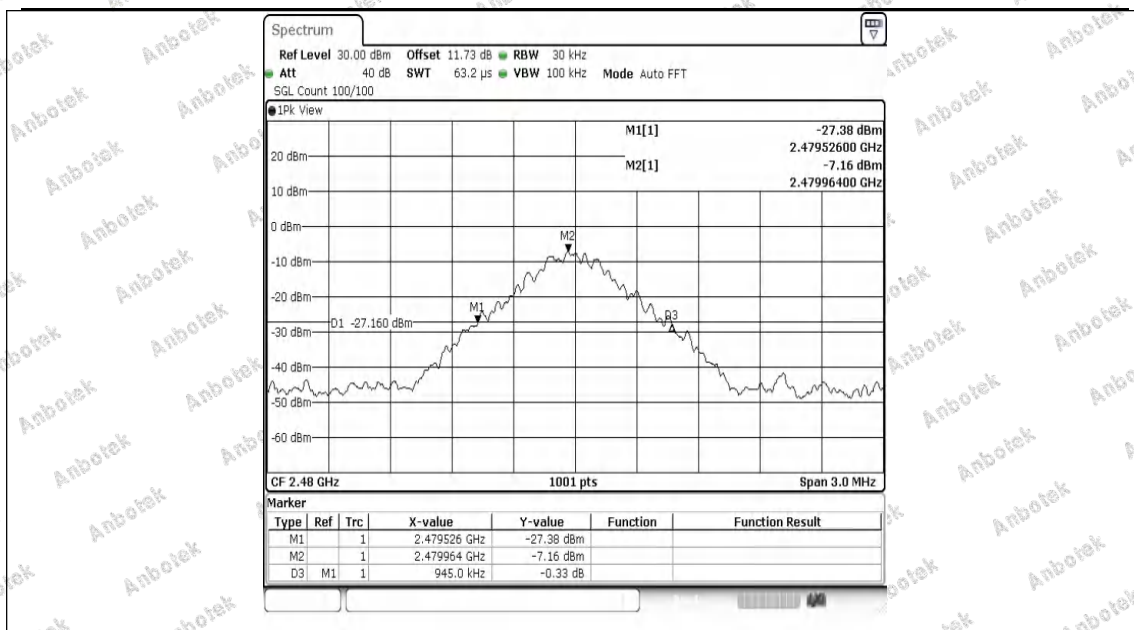
Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.95	2401.52	2402.47	---	---
DH5	Ant1	2441	0.94	2440.53	2441.47	---	---
DH5	Ant1	2480	0.95	2479.53	2480.47	---	---
2DH5	Ant1	2402	1.34	2401.32	2402.66	---	---
2DH5	Ant1	2441	1.35	2440.31	2441.67	---	---
2DH5	Ant1	2480	1.29	2479.36	2480.64	---	---
3DH5	Ant1	2402	1.30	2401.34	2402.64	---	---
3DH5	Ant1	2441	1.28	2440.34	2441.62	---	---
3DH5	Ant1	2480	1.34	2479.31	2480.65	---	---

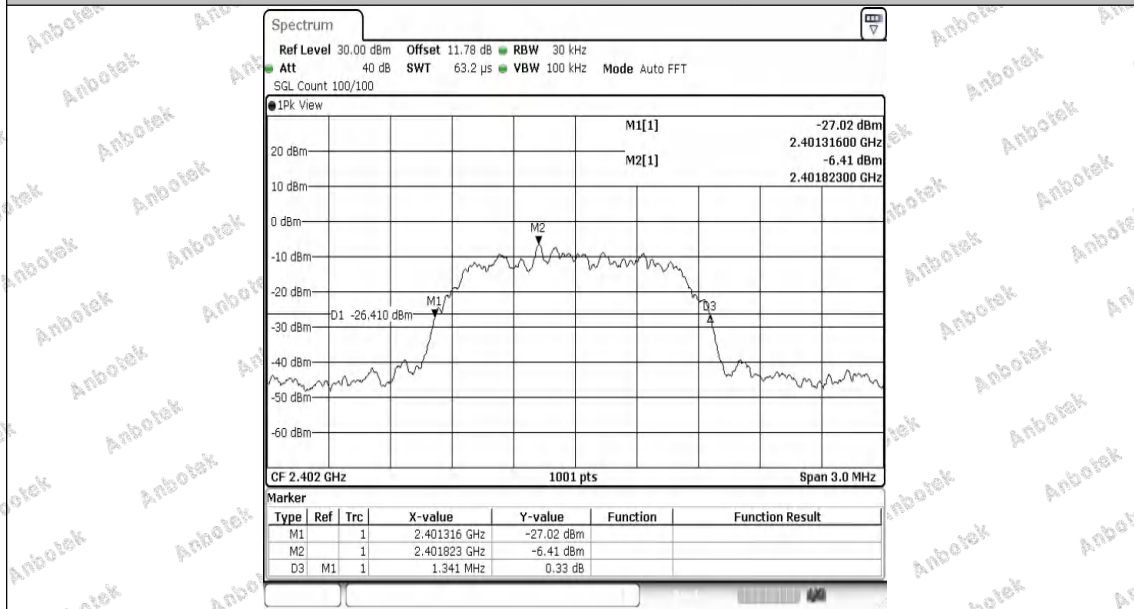


Test Graphs



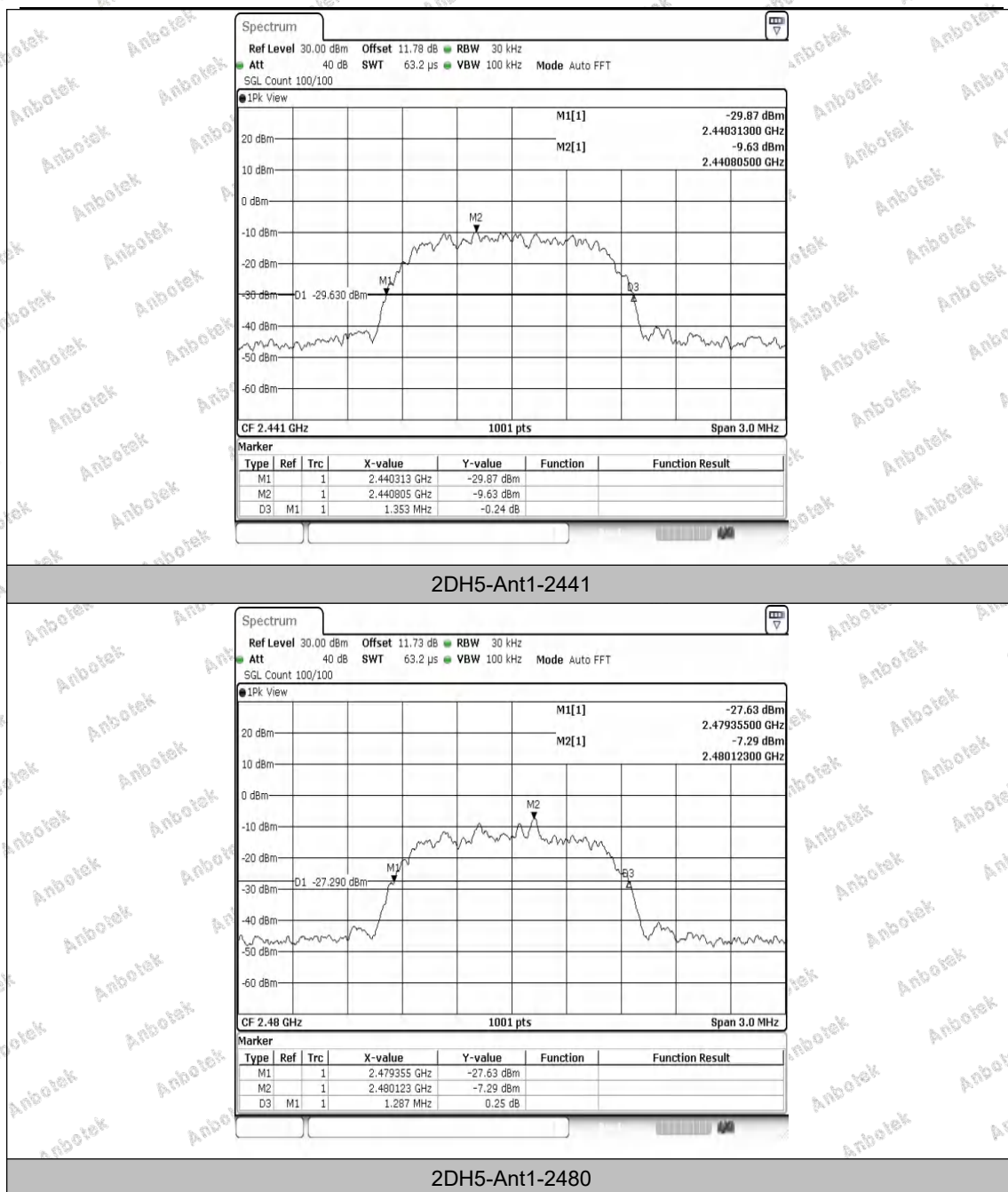


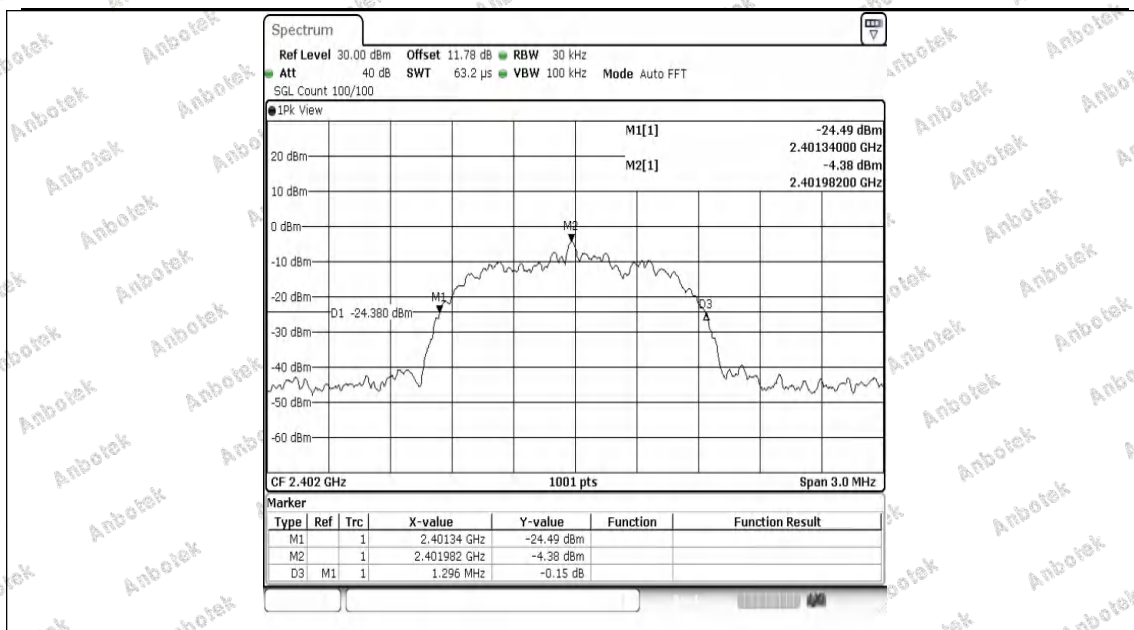
DH5-Ant1-2480



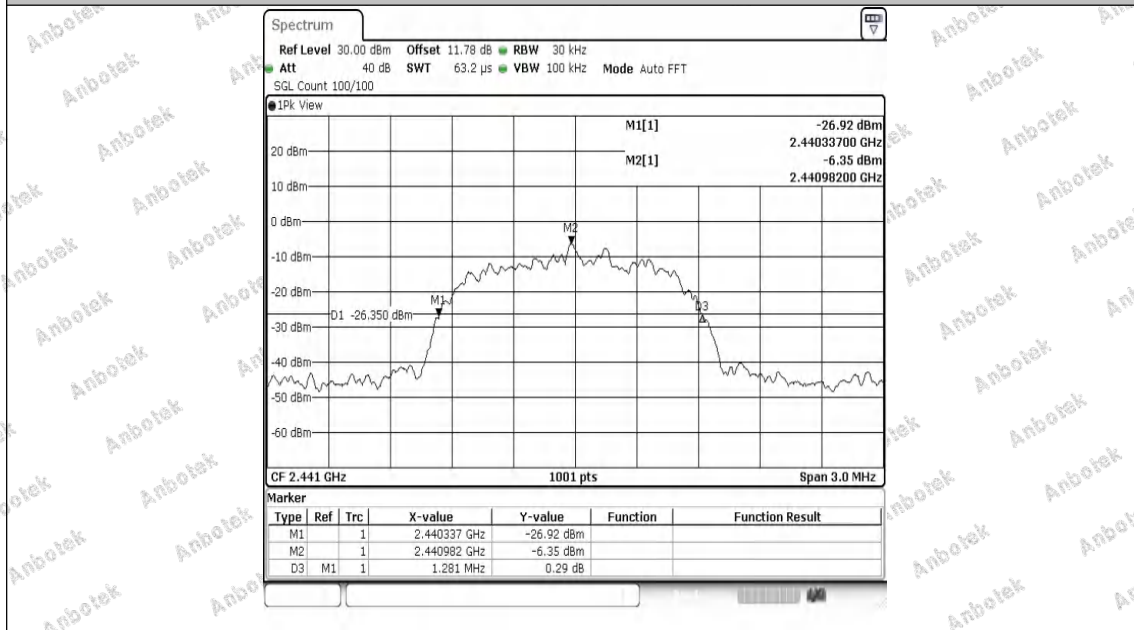
2DH5-Ant1-2402





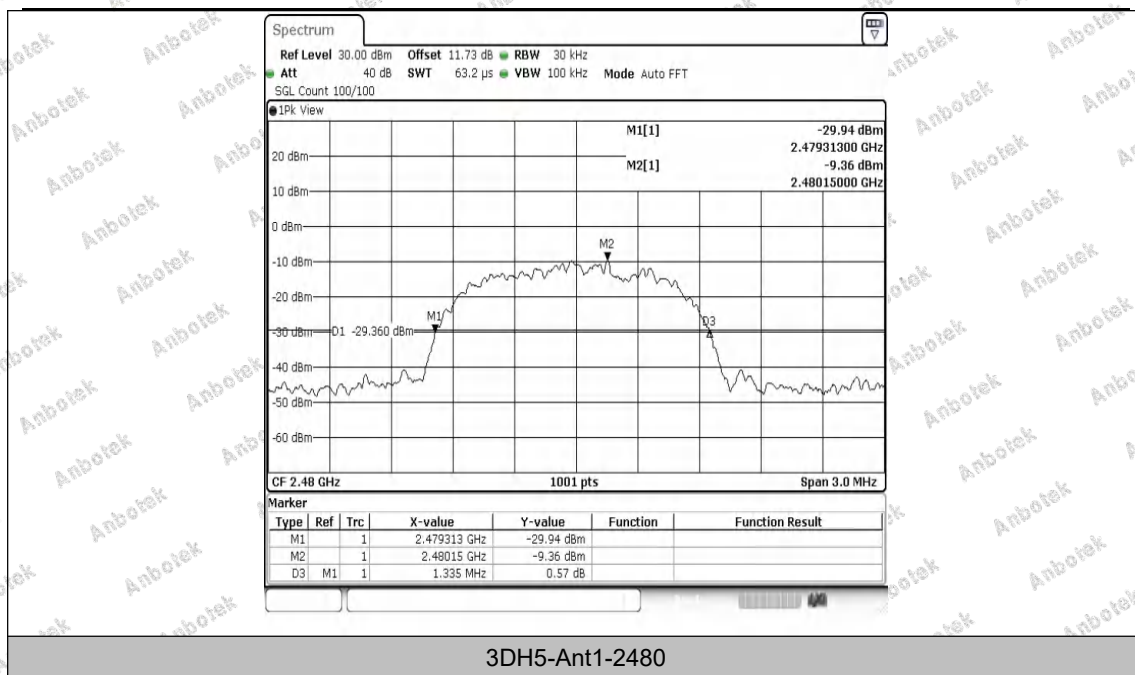


3DH5-Ant1-2402



3DH5-Ant1-2441





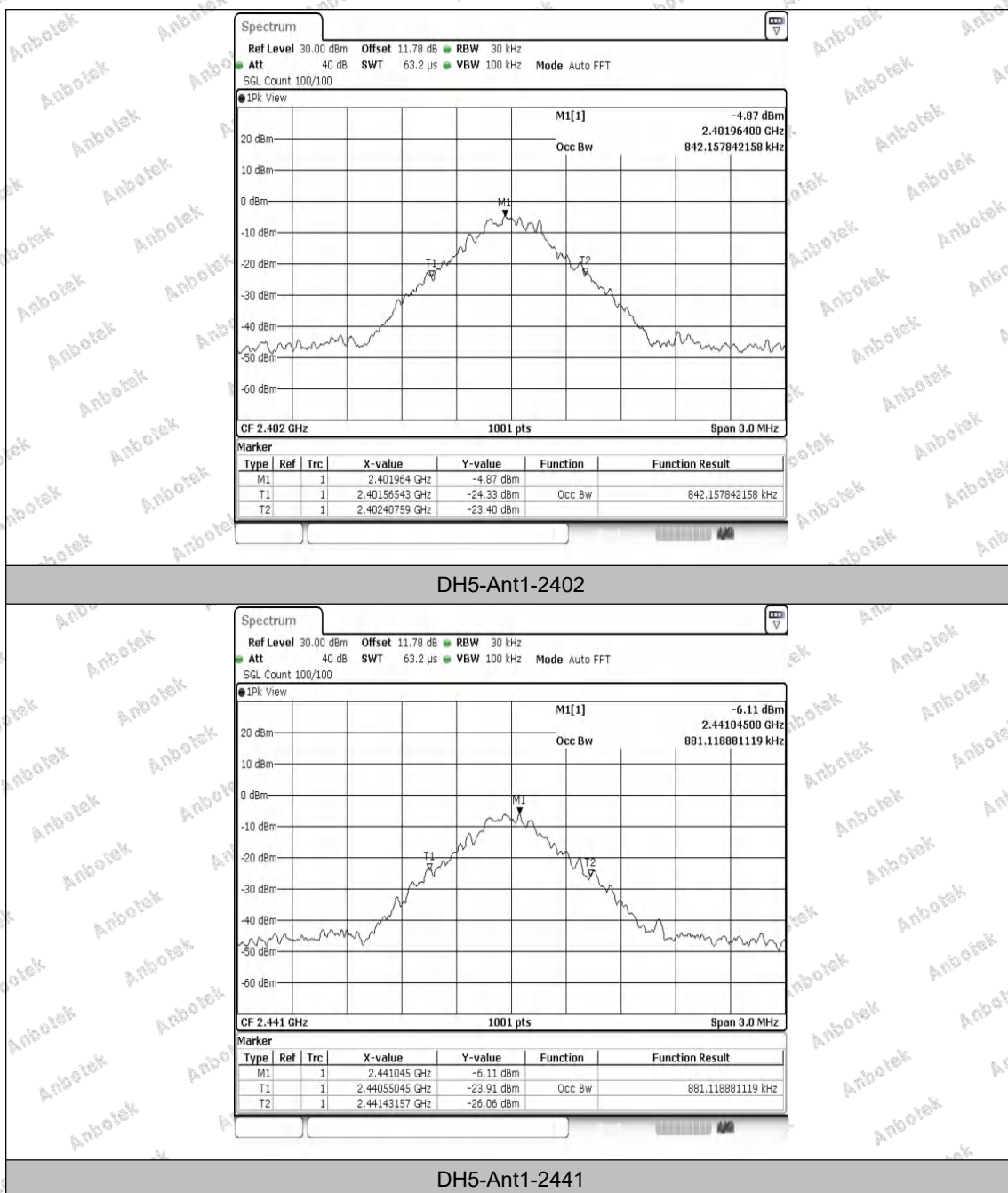
Appendix B: Occupied Channel Bandwidth

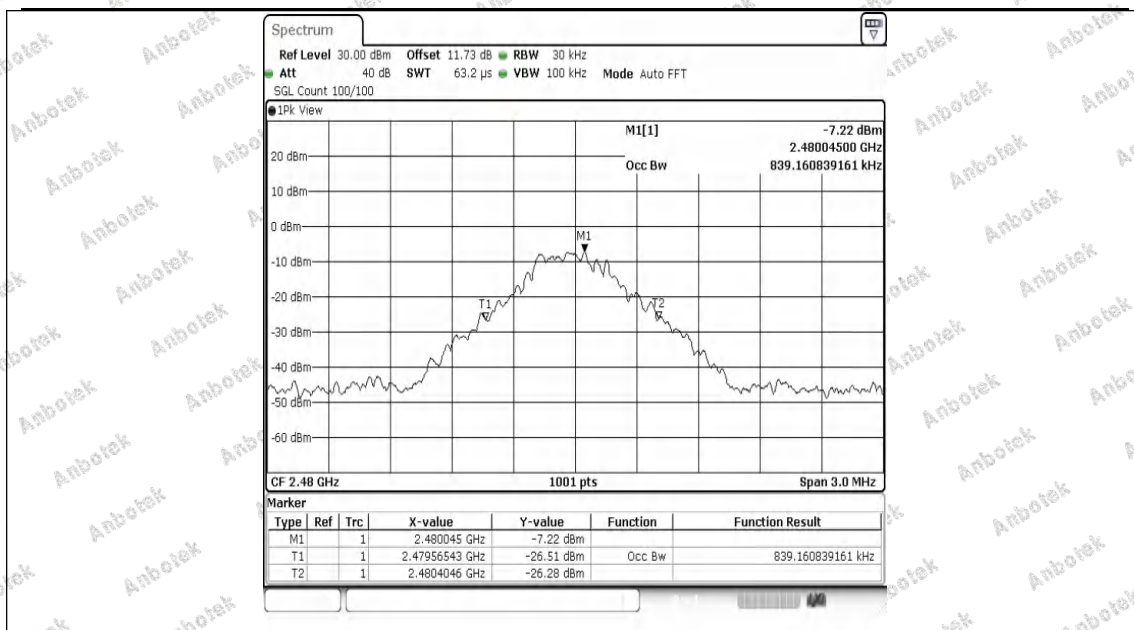
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.842	2401.5654	2402.4076	---	---
DH5	Ant1	2441	0.881	2440.5504	2441.4316	---	---
DH5	Ant1	2480	0.839	2479.5654	2480.4046	---	---
2DH5	Ant1	2402	1.175	2401.3976	2402.5724	---	---
2DH5	Ant1	2441	1.184	2440.3946	2441.5784	---	---
2DH5	Ant1	2480	1.19	2479.3916	2480.5814	---	---
3DH5	Ant1	2402	1.193	2401.3886	2402.5814	---	---
3DH5	Ant1	2441	1.193	2440.3886	2441.5814	---	---
3DH5	Ant1	2480	1.184	2479.3946	2480.5784	---	---

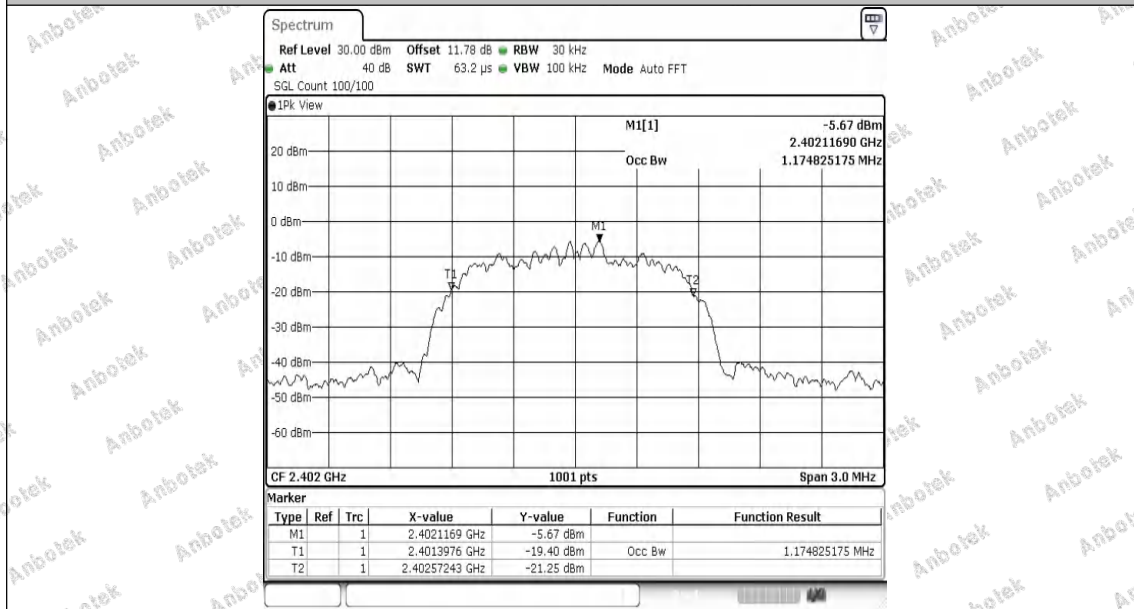


Test Graphs



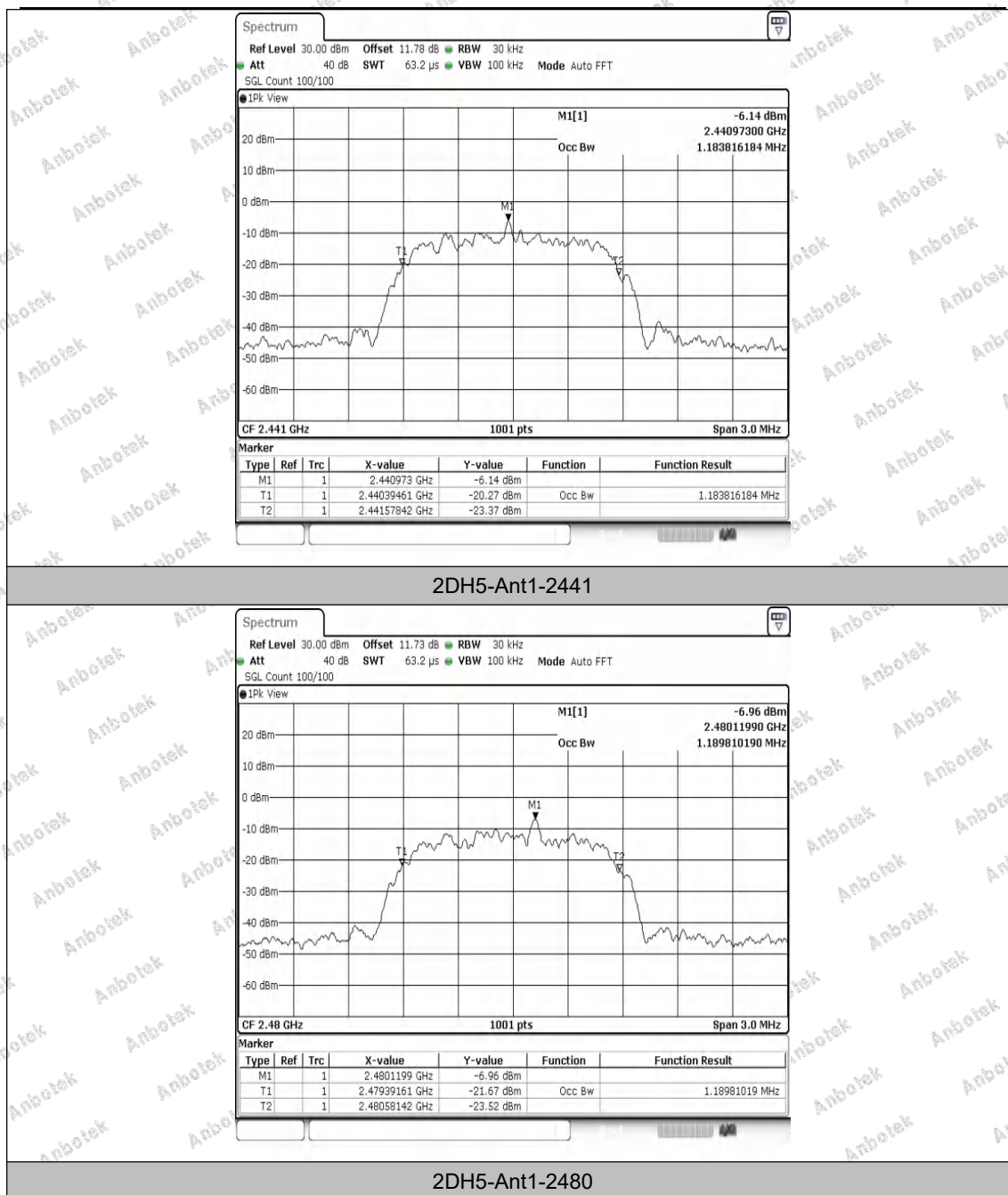


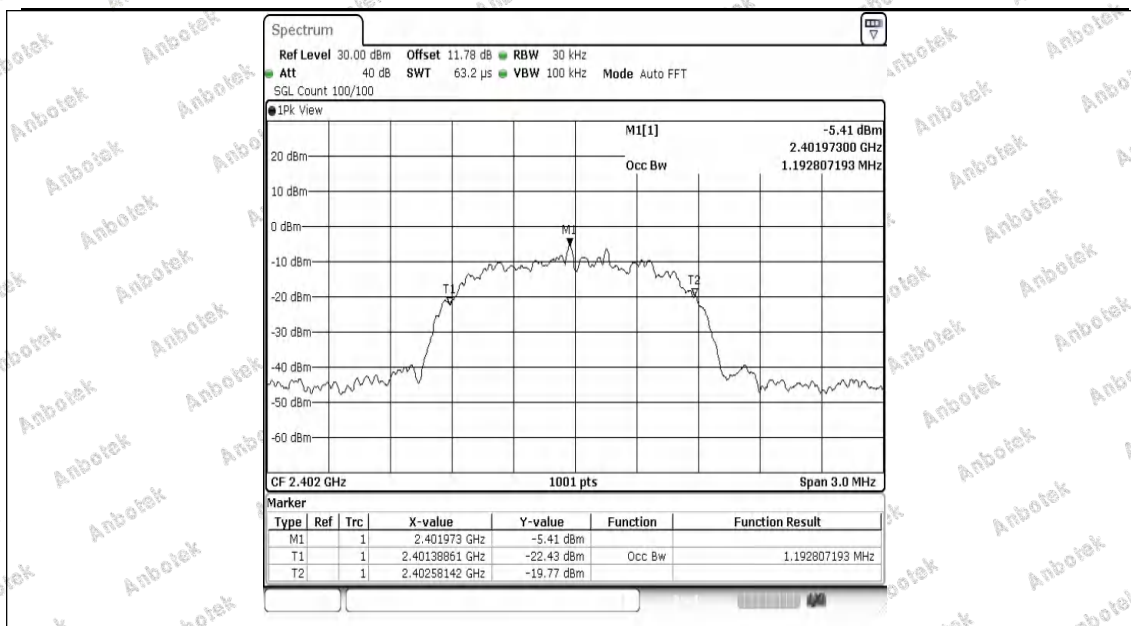
DH5-Ant1-2480



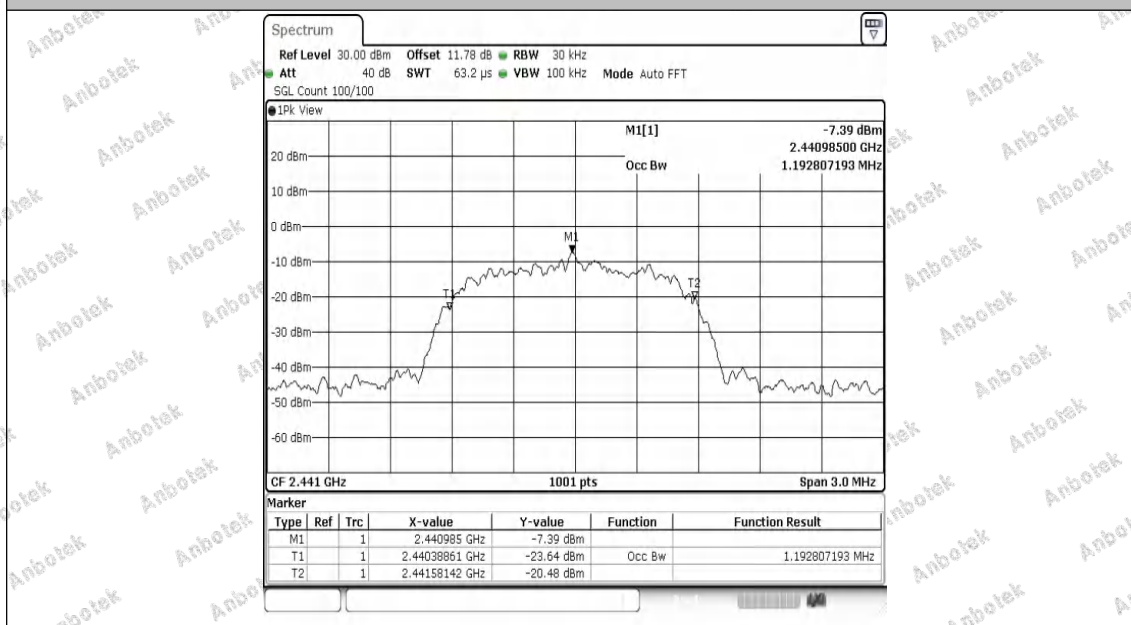
2DH5-Ant1-2402





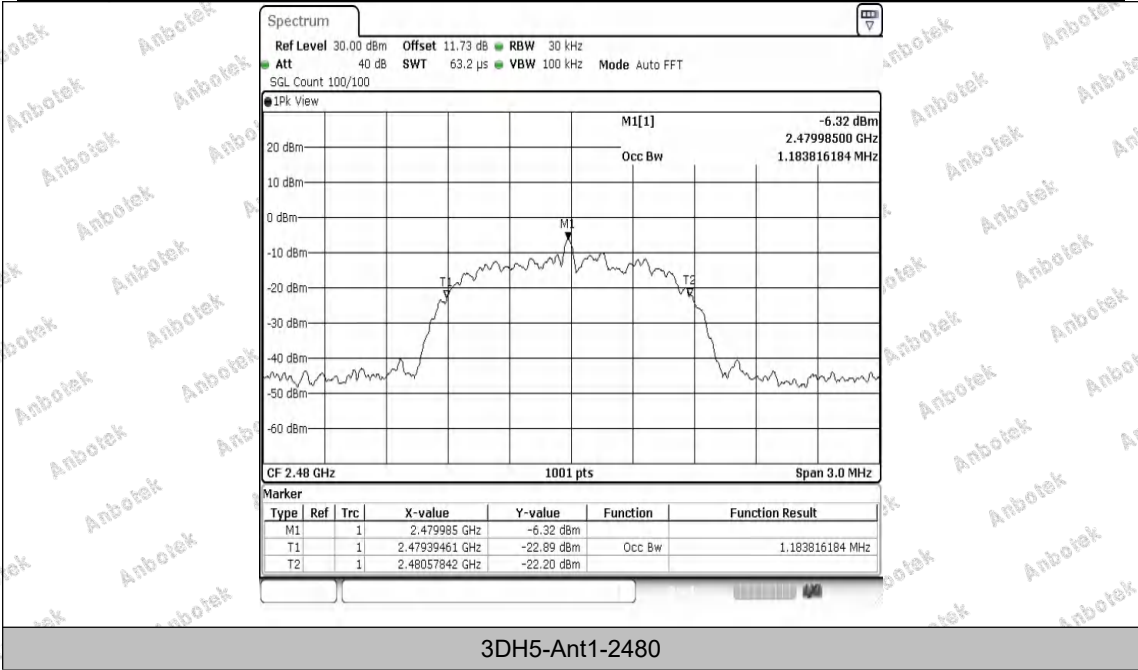


3DH5-Ant1-2402



3DH5-Ant1-2441



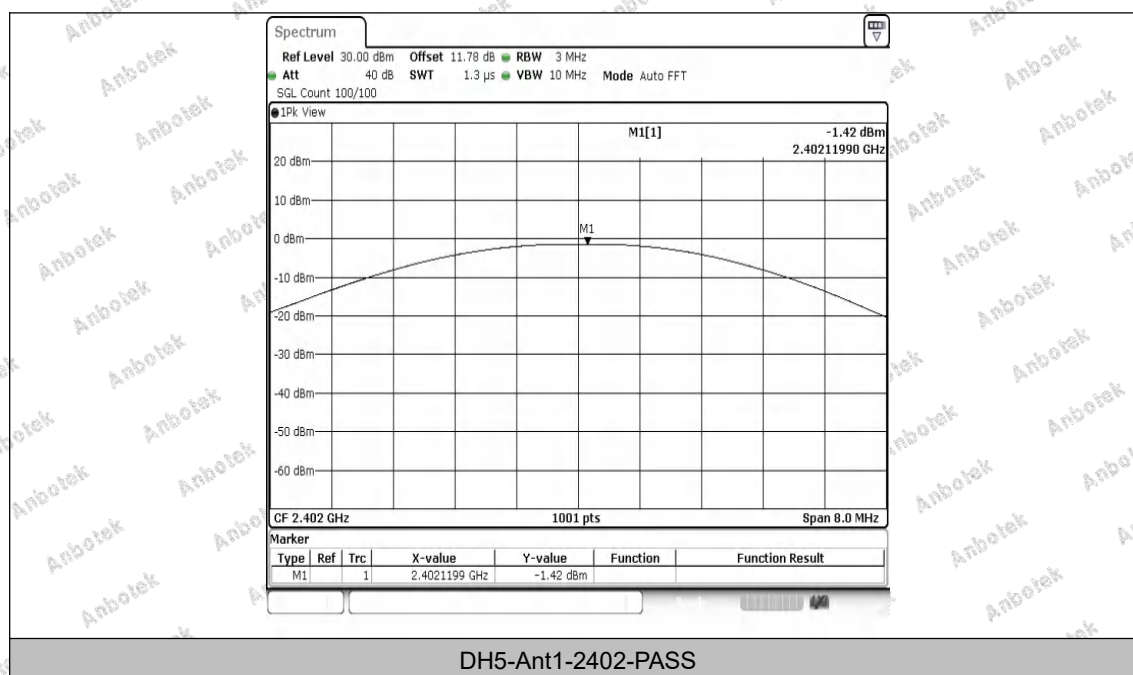


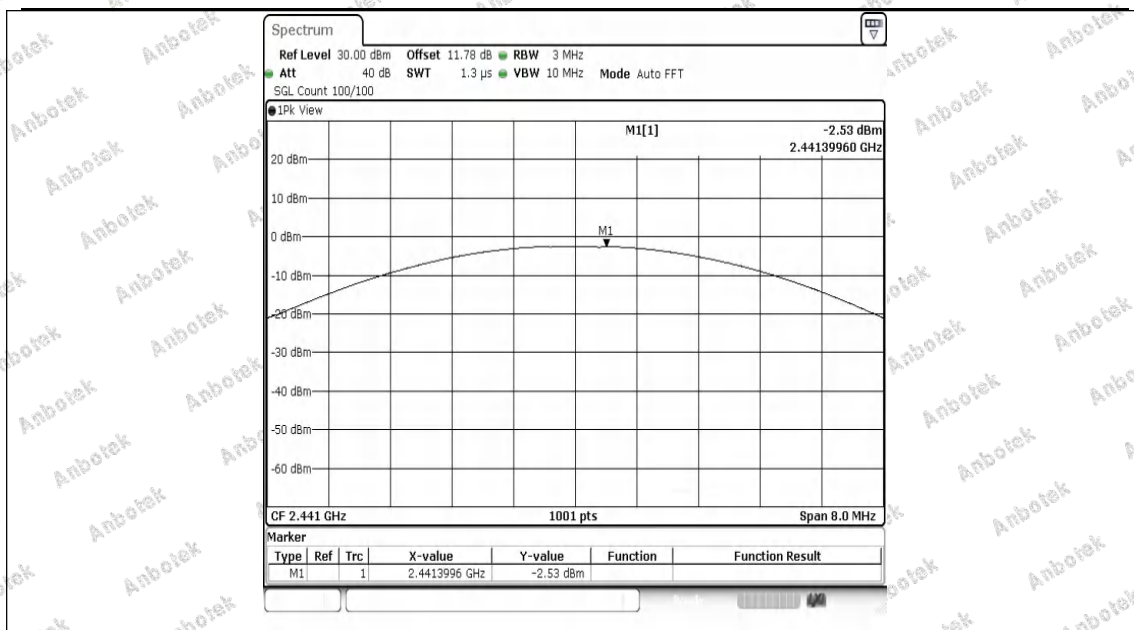
Appendix C: Maximum conducted output power

Test Result Peak

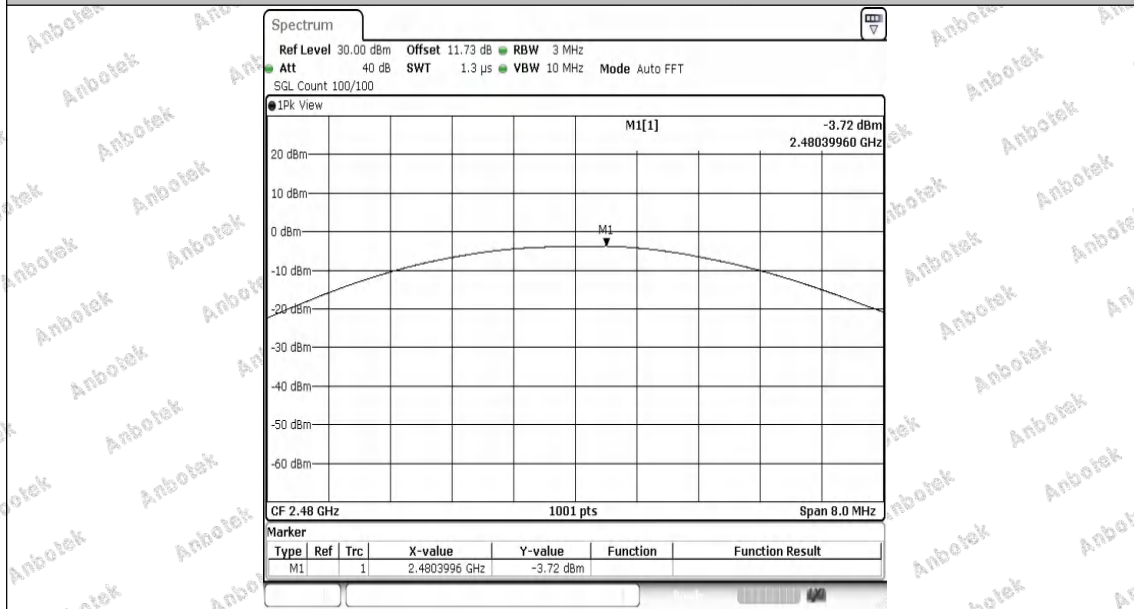
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-1.42	≤30	PASS
DH5	Ant1	2441	-2.53	≤30	PASS
DH5	Ant1	2480	-3.72	≤30	PASS
2DH5	Ant1	2402	0.47	≤30	PASS
2DH5	Ant1	2441	-1.21	≤30	PASS
2DH5	Ant1	2480	-2.03	≤30	PASS
3DH5	Ant1	2402	0.85	≤30	PASS
3DH5	Ant1	2441	-0.20	≤30	PASS
3DH5	Ant1	2480	-1.82	≤30	PASS

Test Graphs



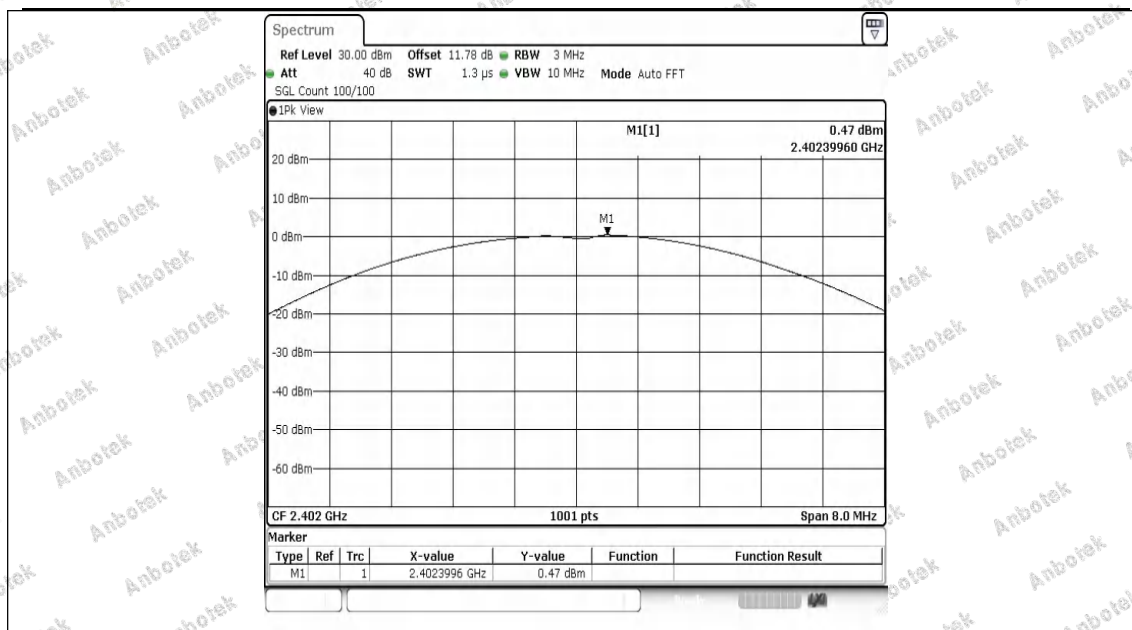


DH5-Ant1-2441-PASS

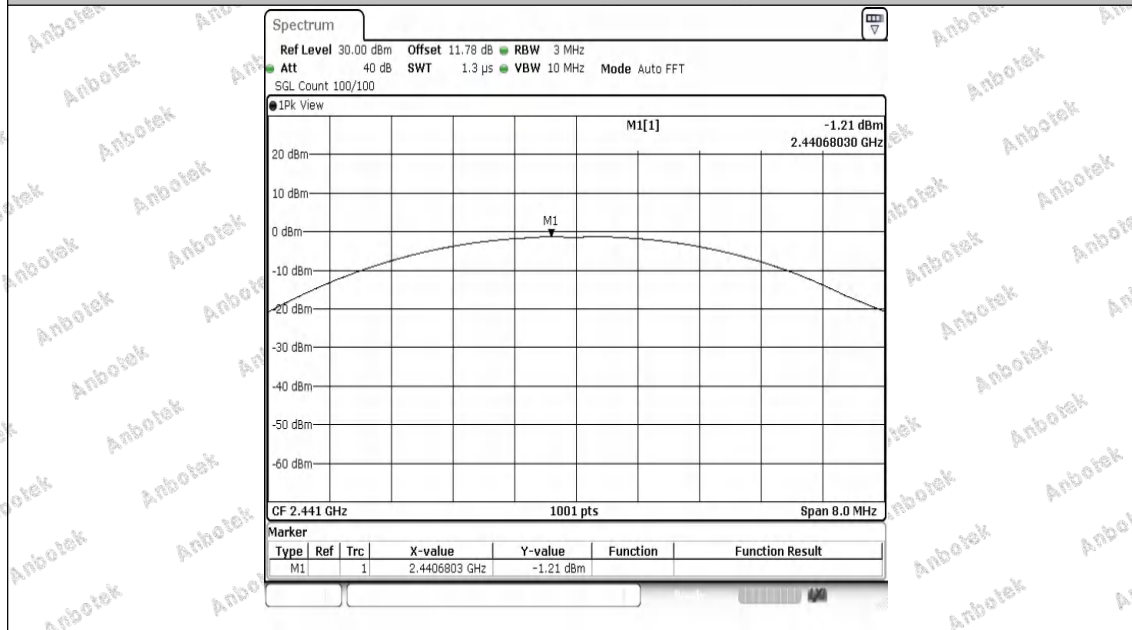


DH5-Ant1-2480-PASS



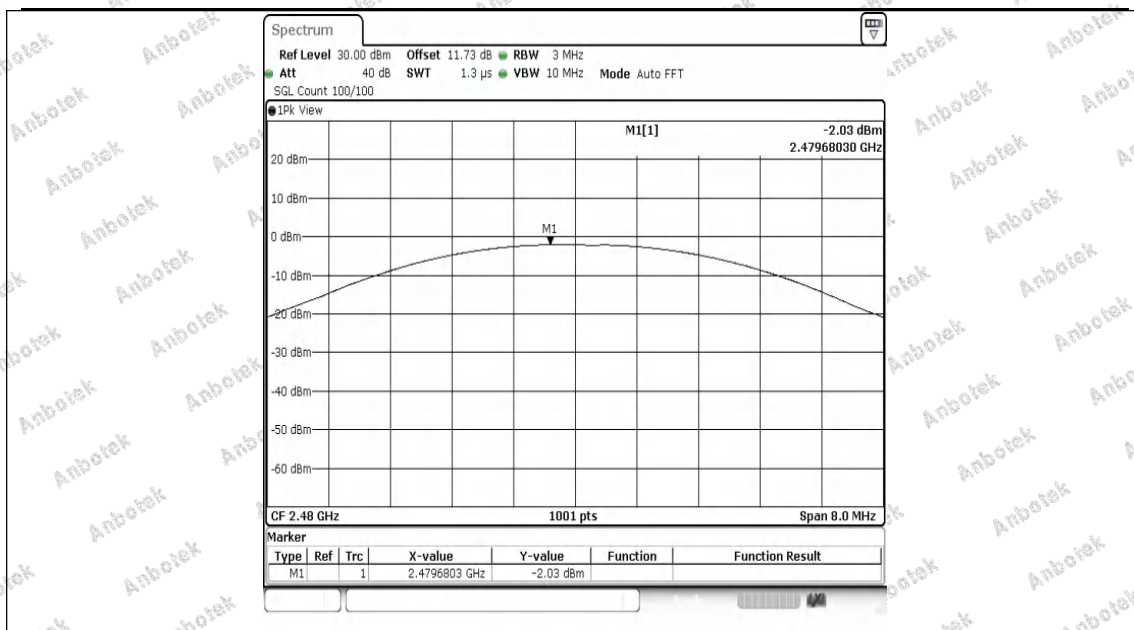


2DH5-Ant1-2402-PASS

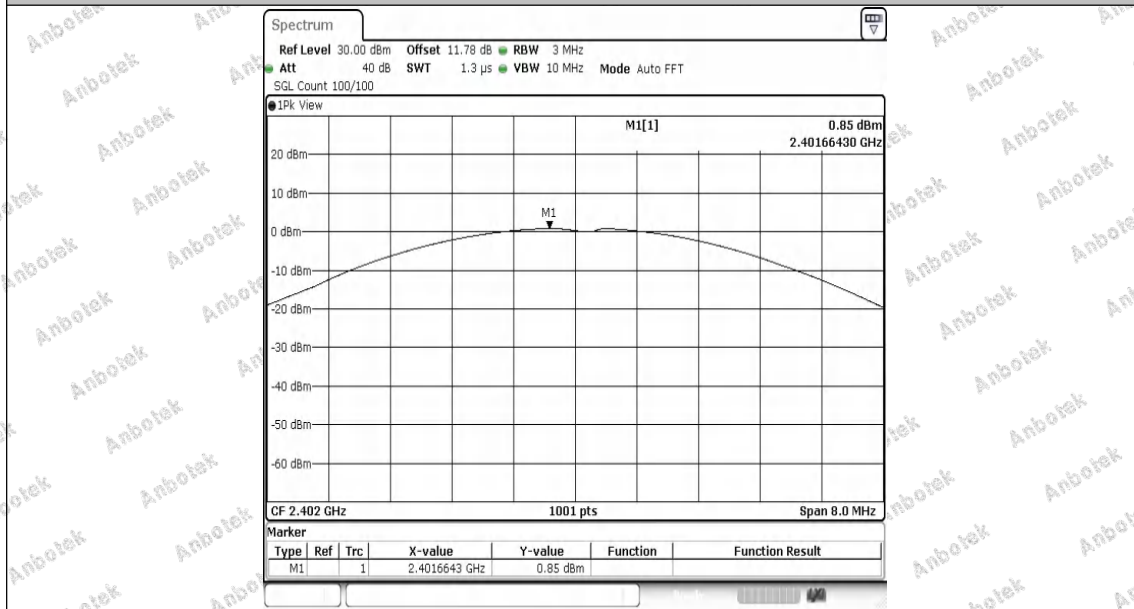


2DH5-Ant1-2441-PASS



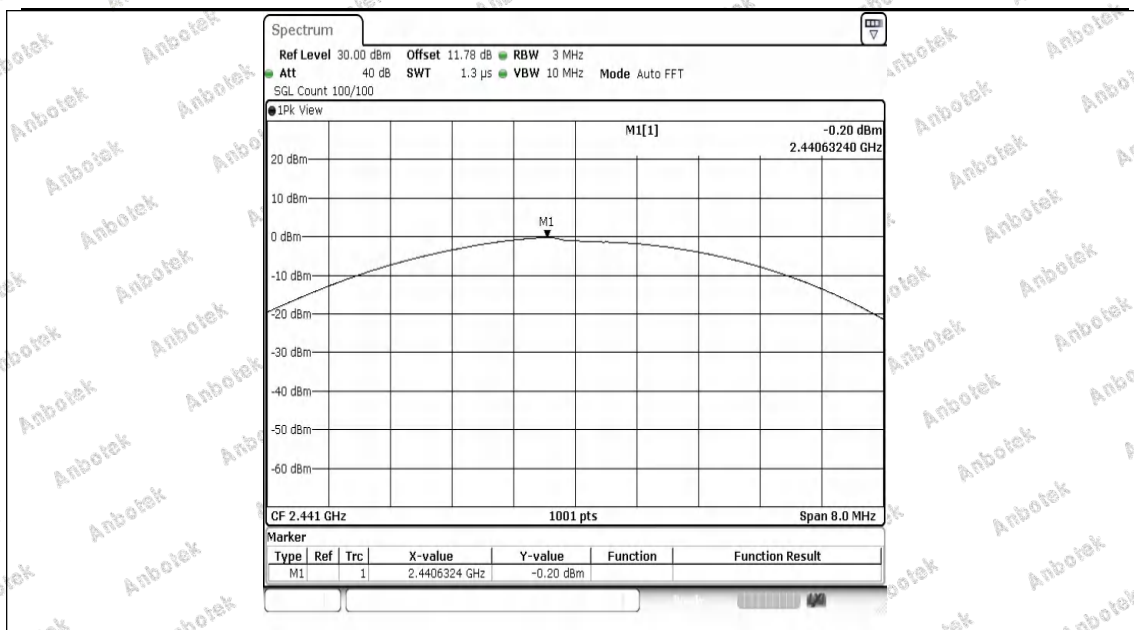


2DH5-Ant1-2480-PASS

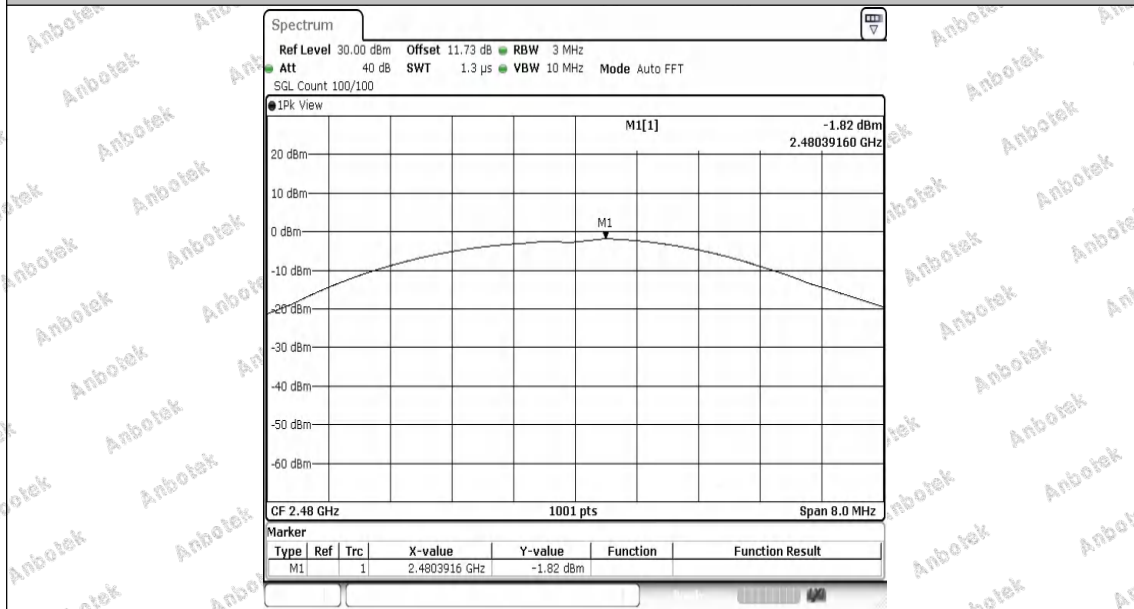


3DH5-Ant1-2402-PASS





3DH5-Ant1-2441-PASS



3DH5-Ant1-2480-PASS



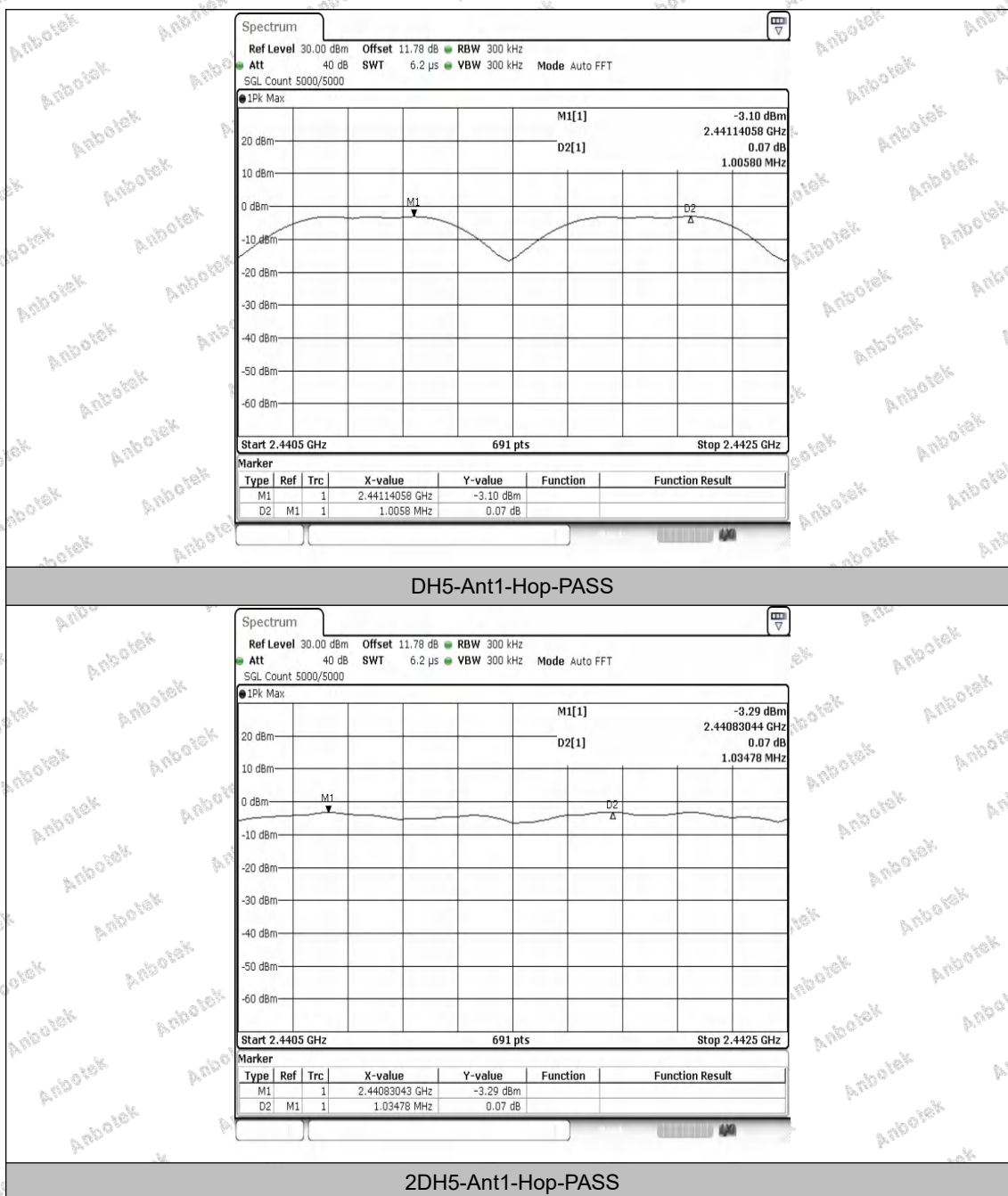
Appendix D: Carrier frequency separation

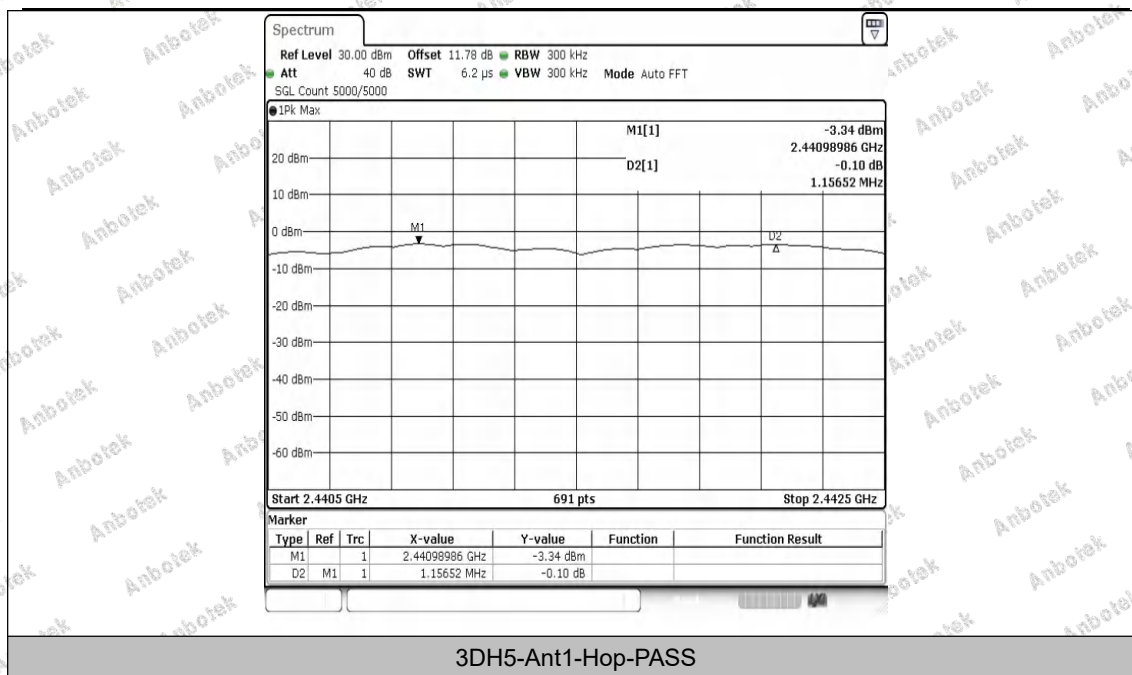
Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.006	≥0.950	PASS
2DH5	Ant1	Hop	1.035	≥0.900	PASS
3DH5	Ant1	Hop	1.157	≥0.893	PASS



Test Graphs





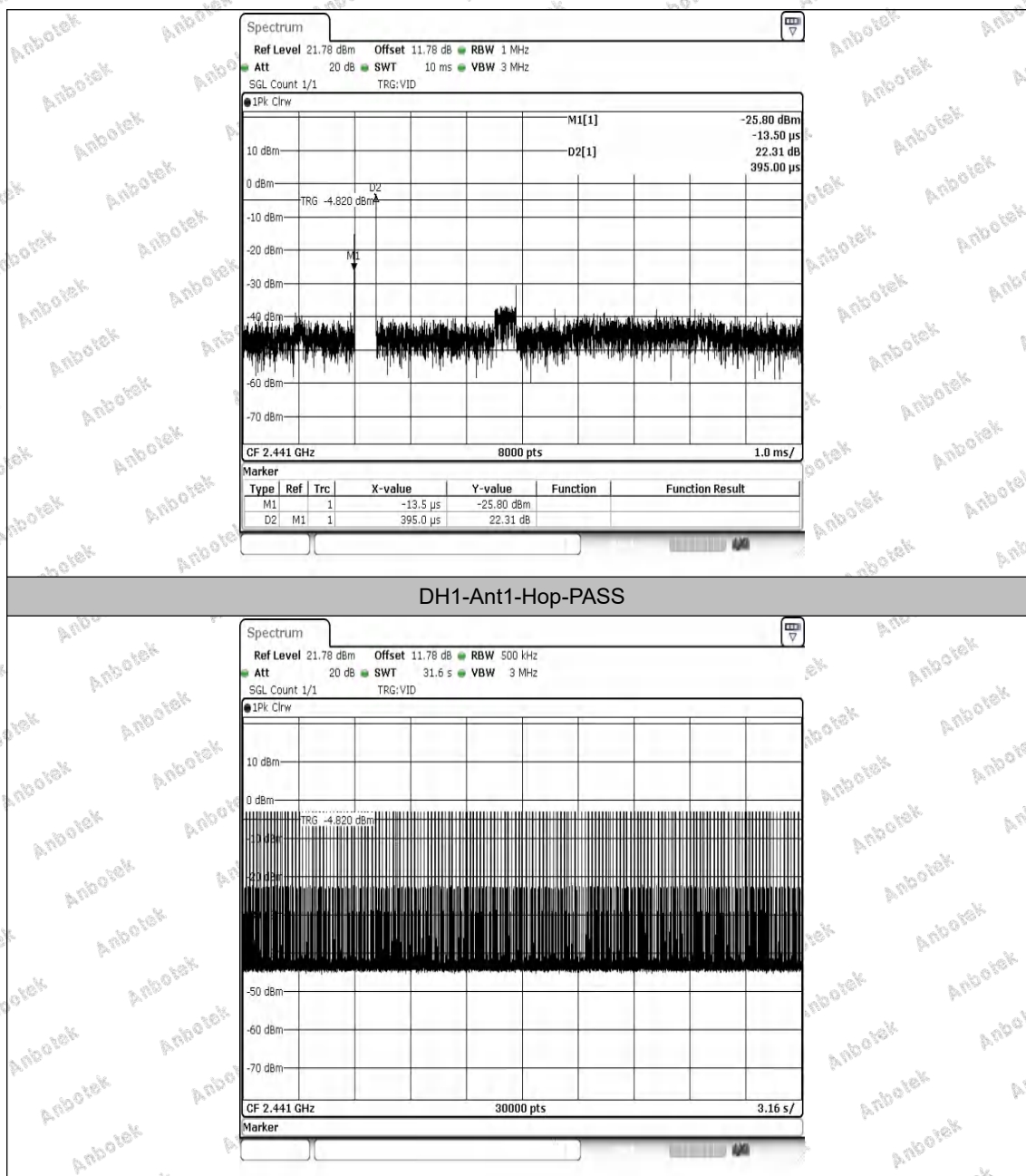
Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.395	321	0.127	≤0.4	PASS
DH3	Ant1	Hop	1.651	166	0.274	≤0.4	PASS
DH5	Ant1	Hop	2.899	97	0.281	≤0.4	PASS
2DH1	Ant1	Hop	0.405	320	0.13	≤0.4	PASS
2DH3	Ant1	Hop	1.656	156	0.258	≤0.4	PASS
2DH5	Ant1	Hop	2.904	101	0.293	≤0.4	PASS
3DH1	Ant1	Hop	0.406	319	0.13	≤0.4	PASS
3DH3	Ant1	Hop	1.656	157	0.26	≤0.4	PASS
3DH5	Ant1	Hop	2.908	115	0.334	≤0.4	PASS



Test Graphs



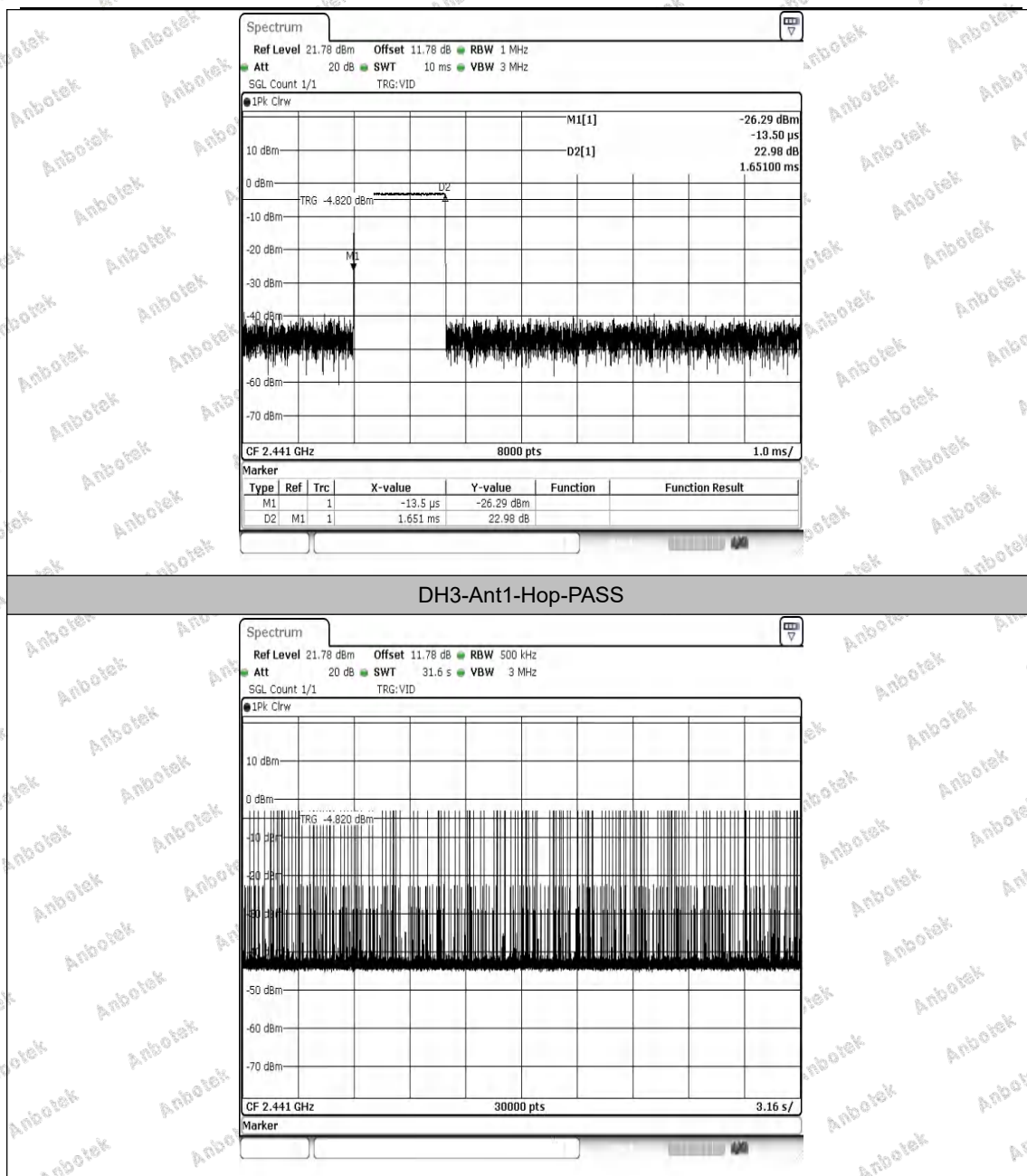
Shenzhen Anbotek Compliance Laboratory Limited

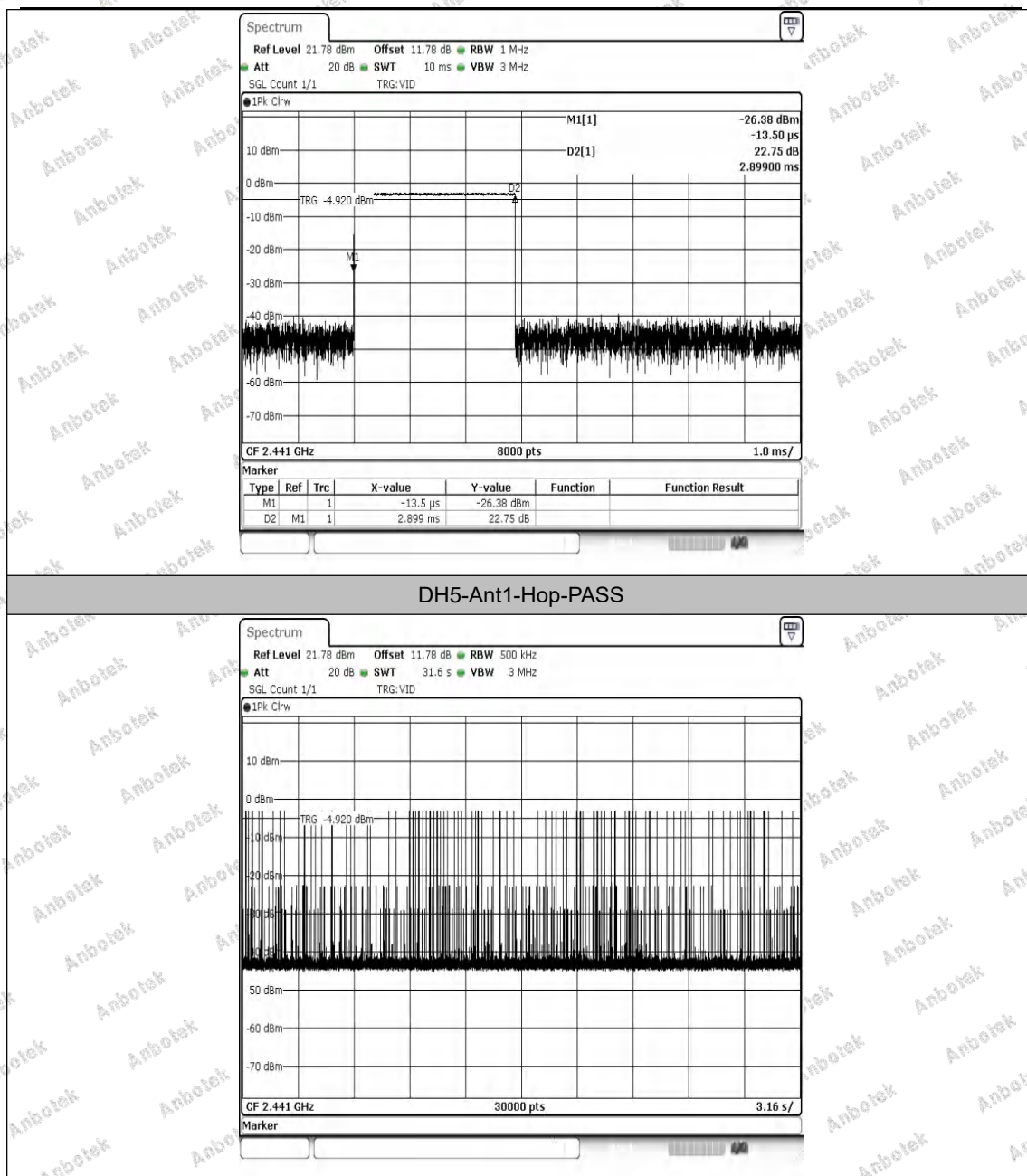
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hahgcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Email: service@anbotek.com

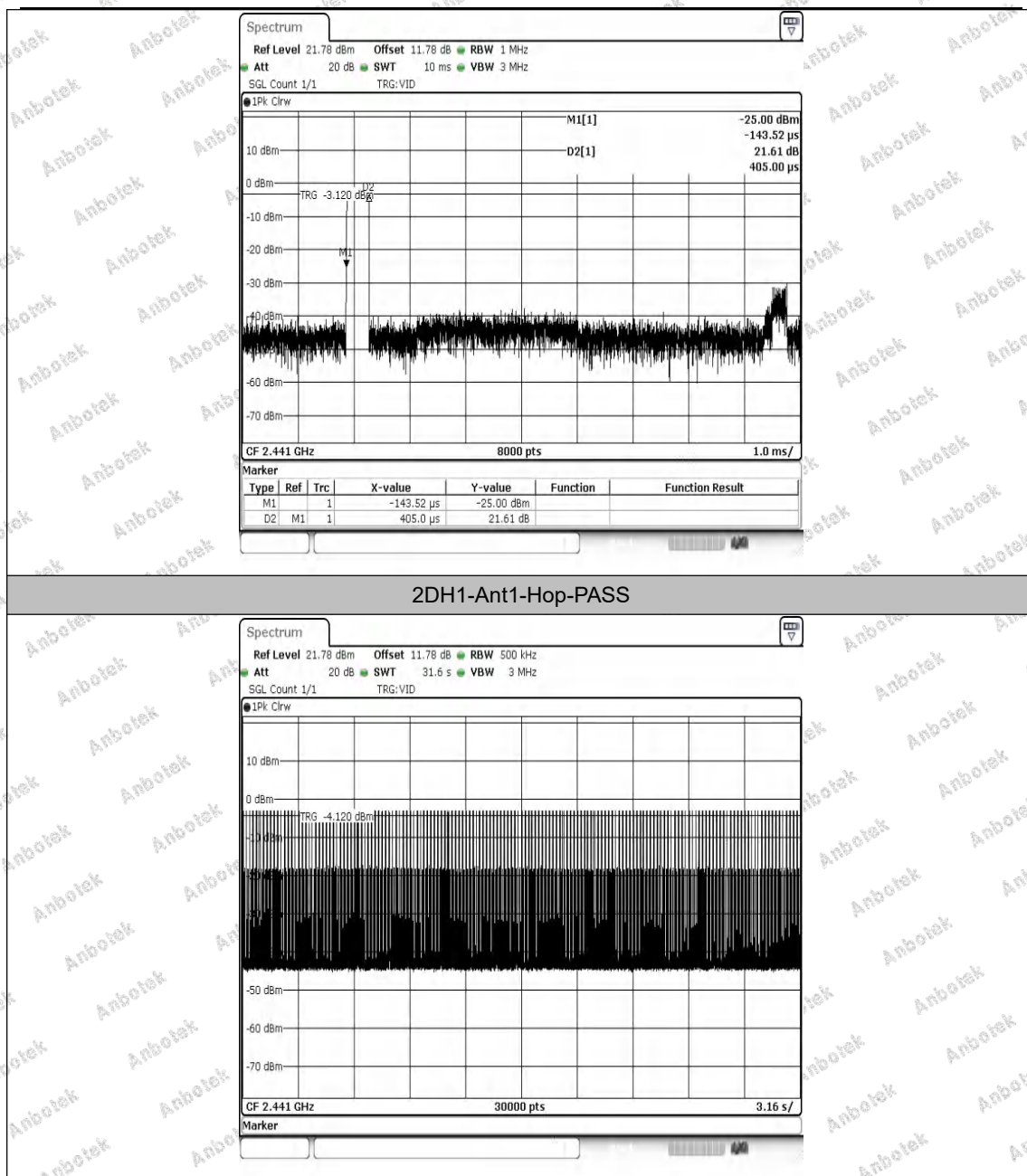


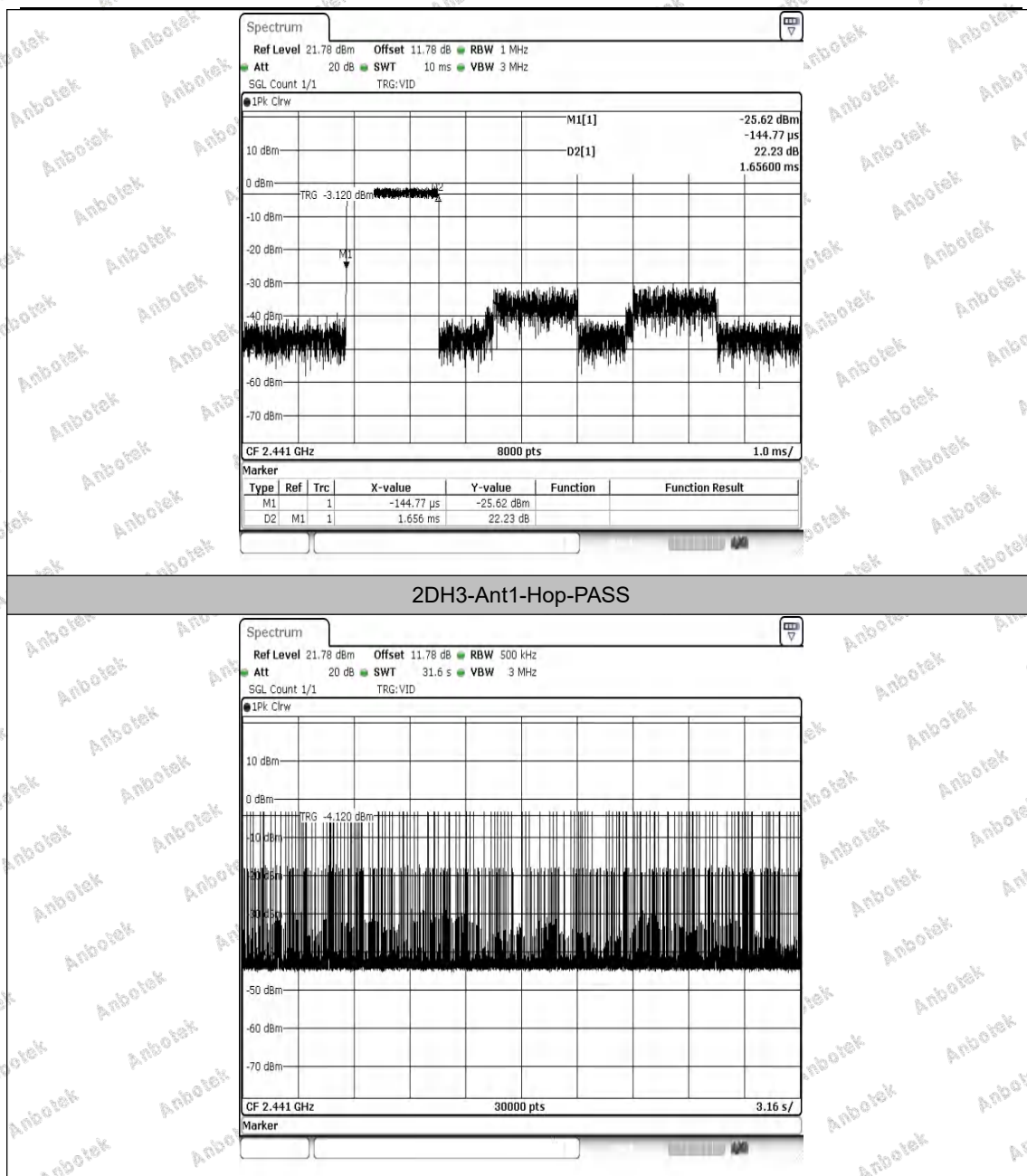
Hotline
400-003-0500
www.anbotek.com

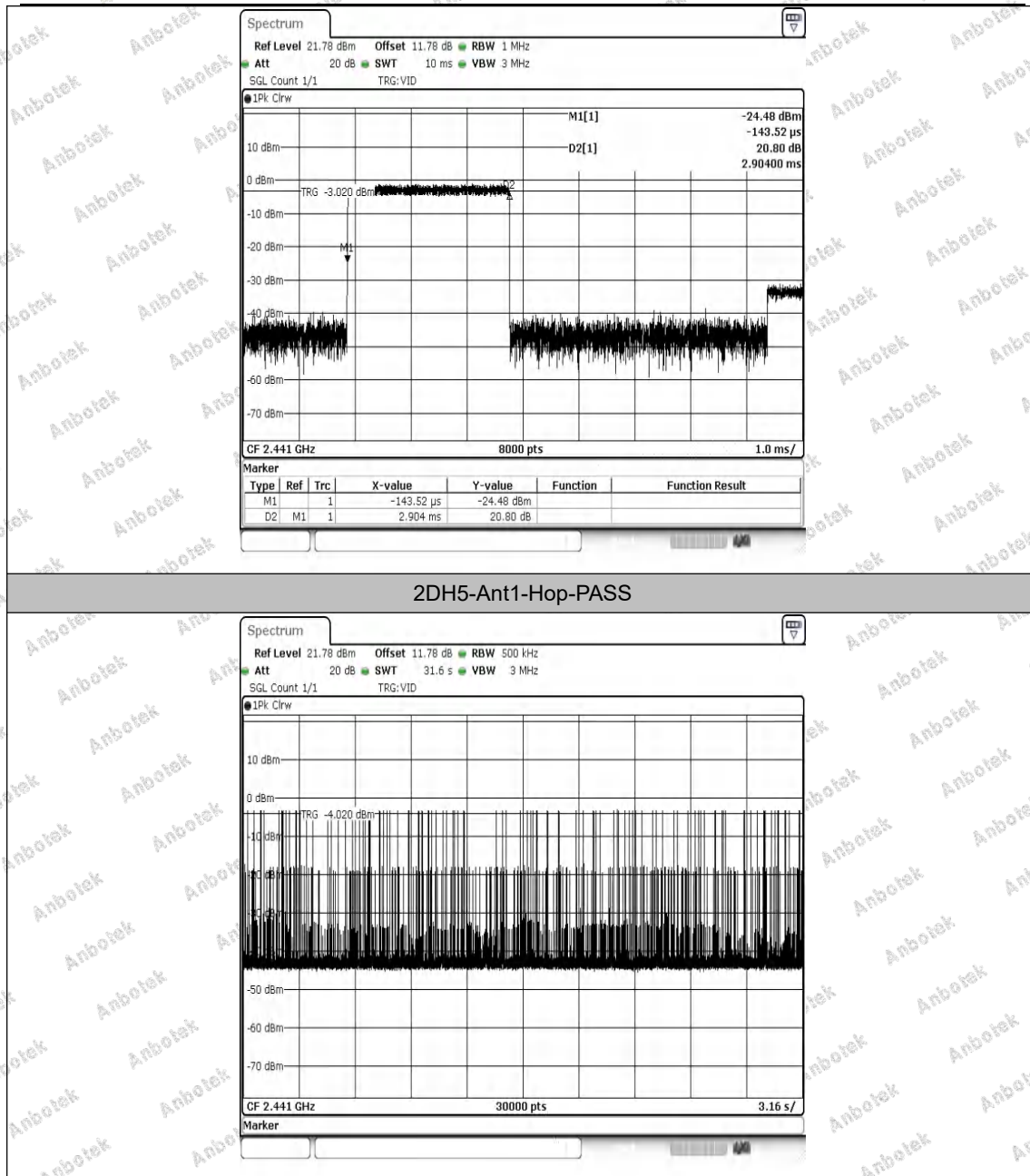


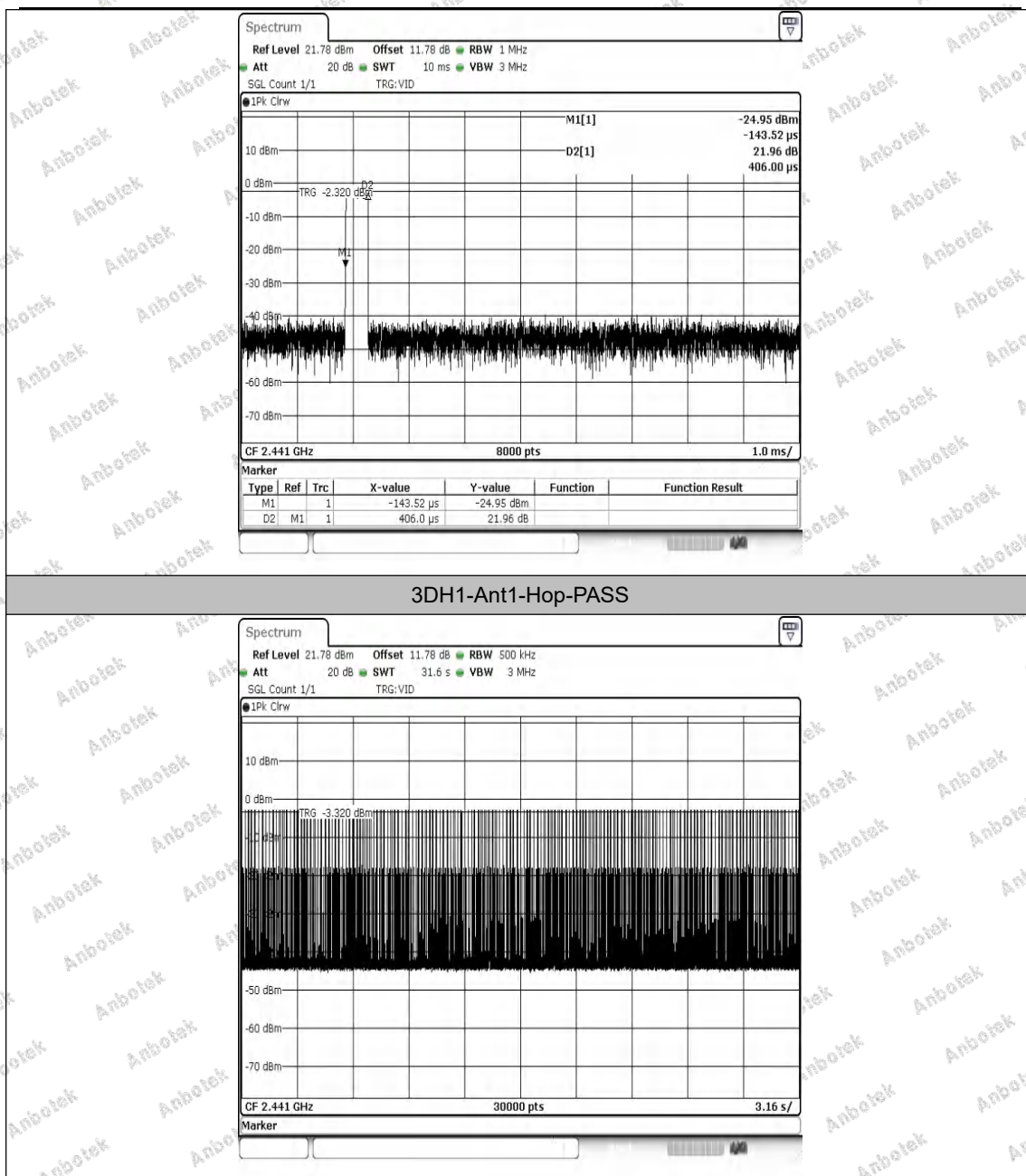


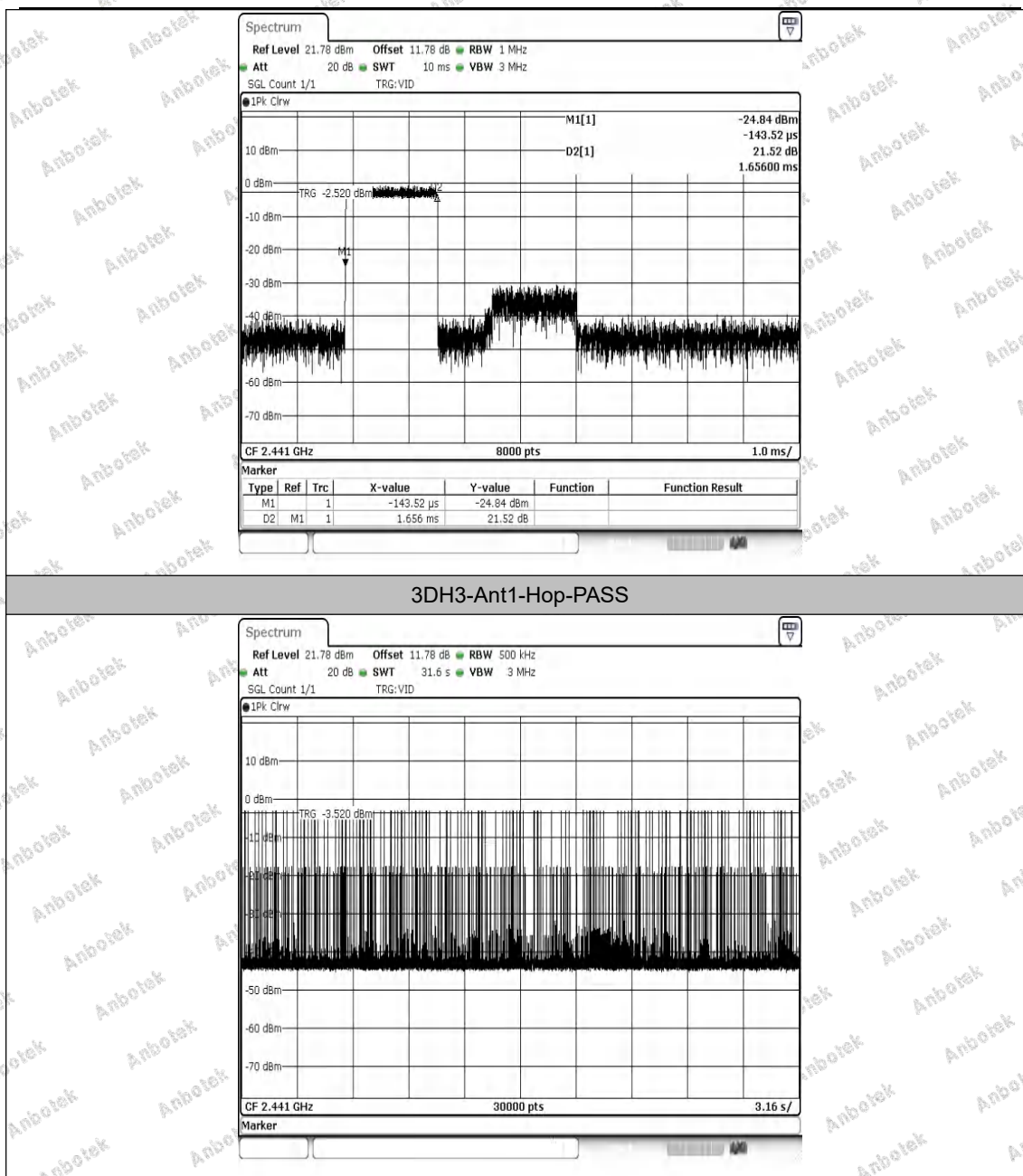


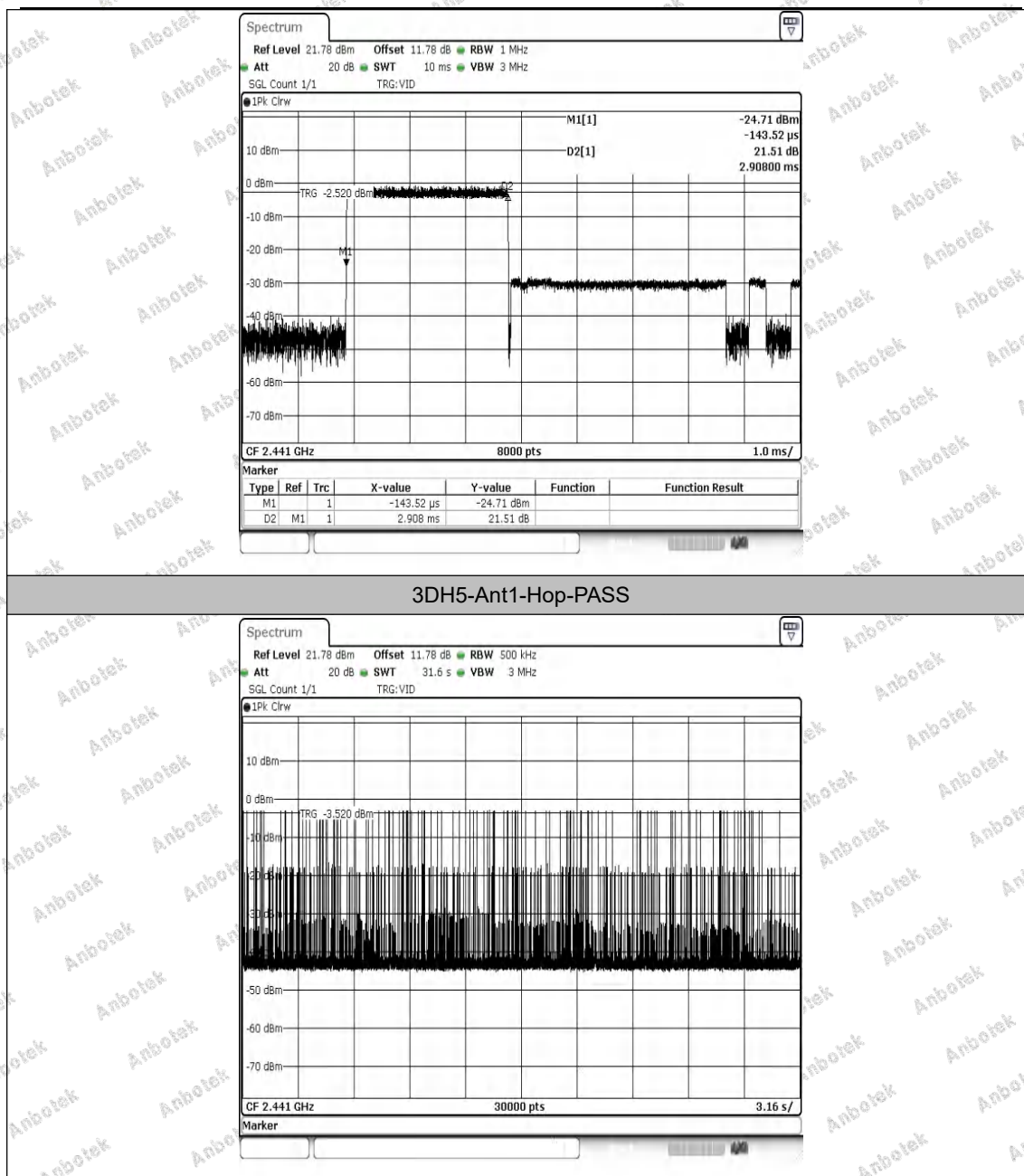












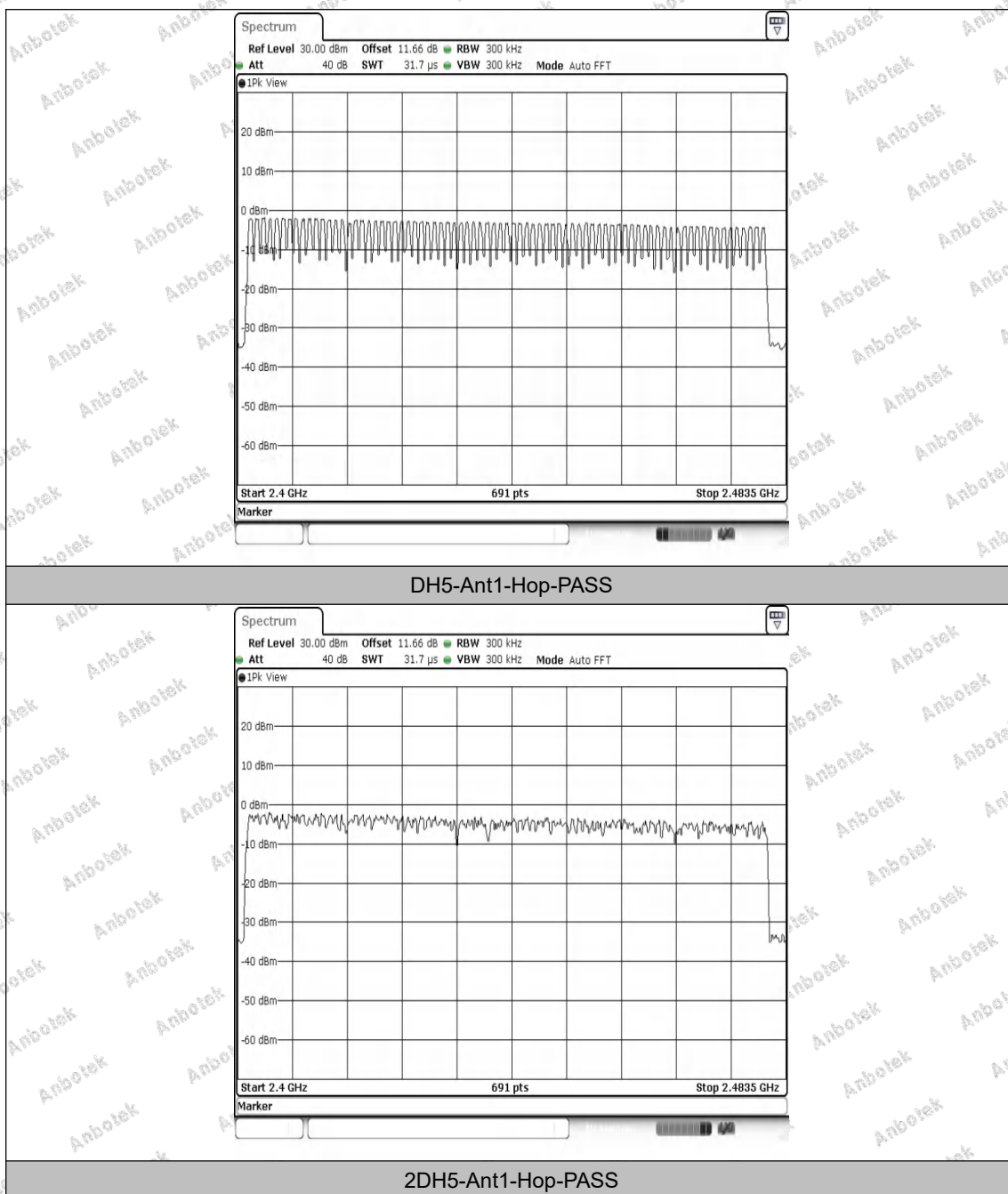
Appendix F: Number of hopping channels

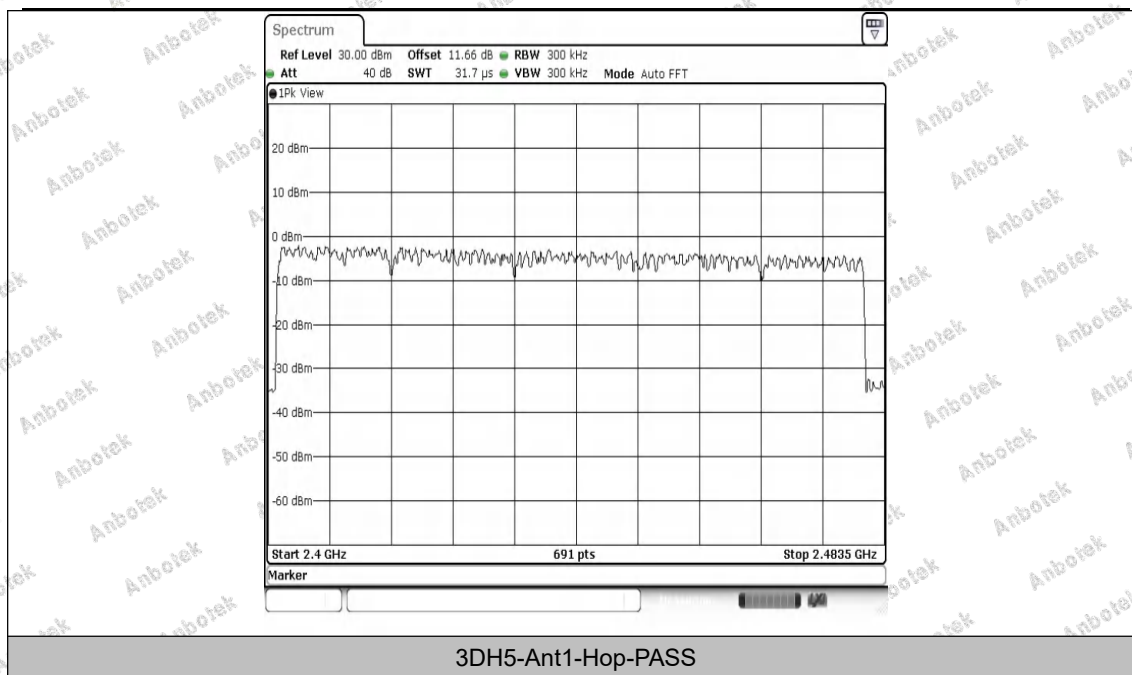
Test Result

TestMode	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





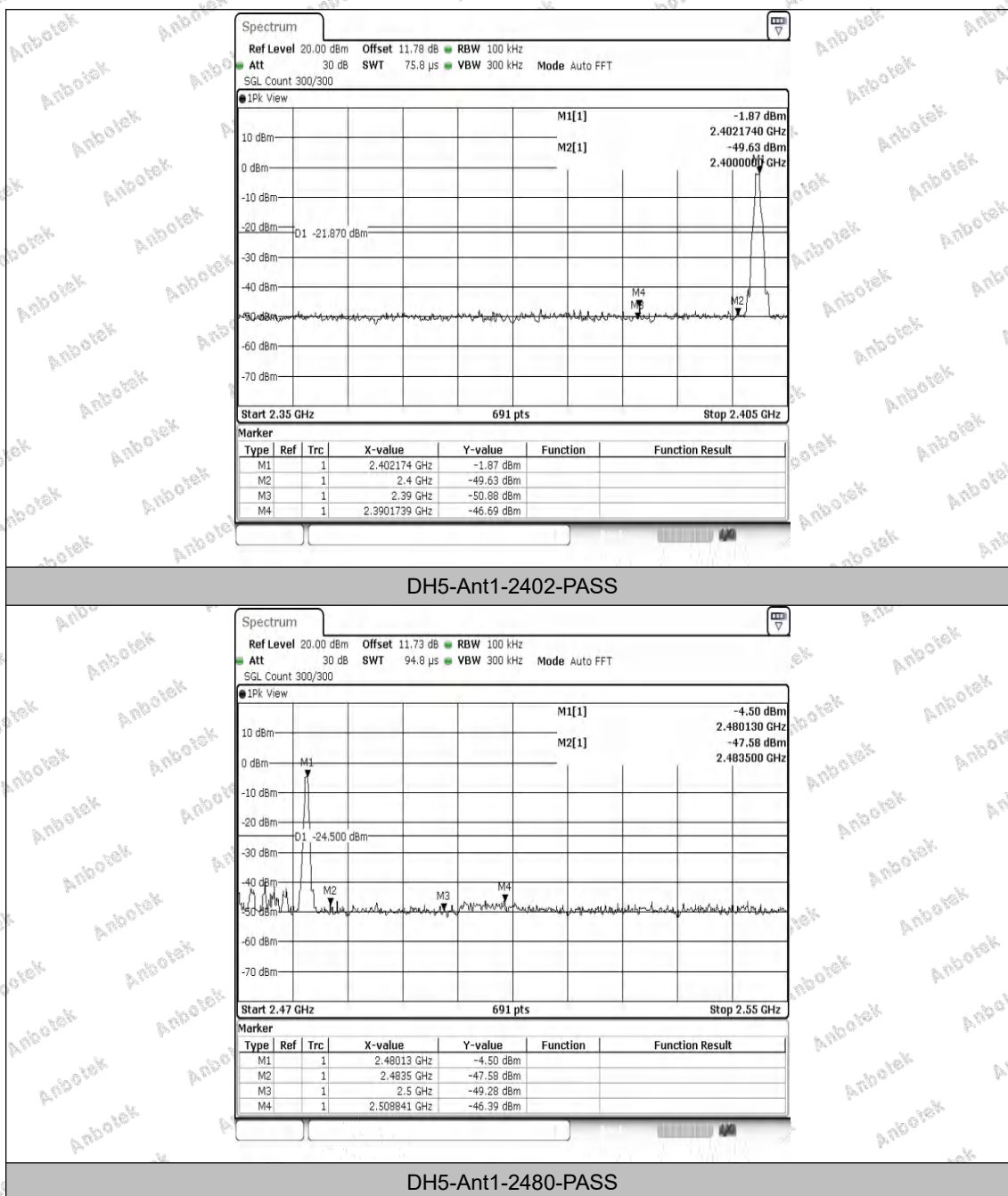
Appendix G: Band edge measurements

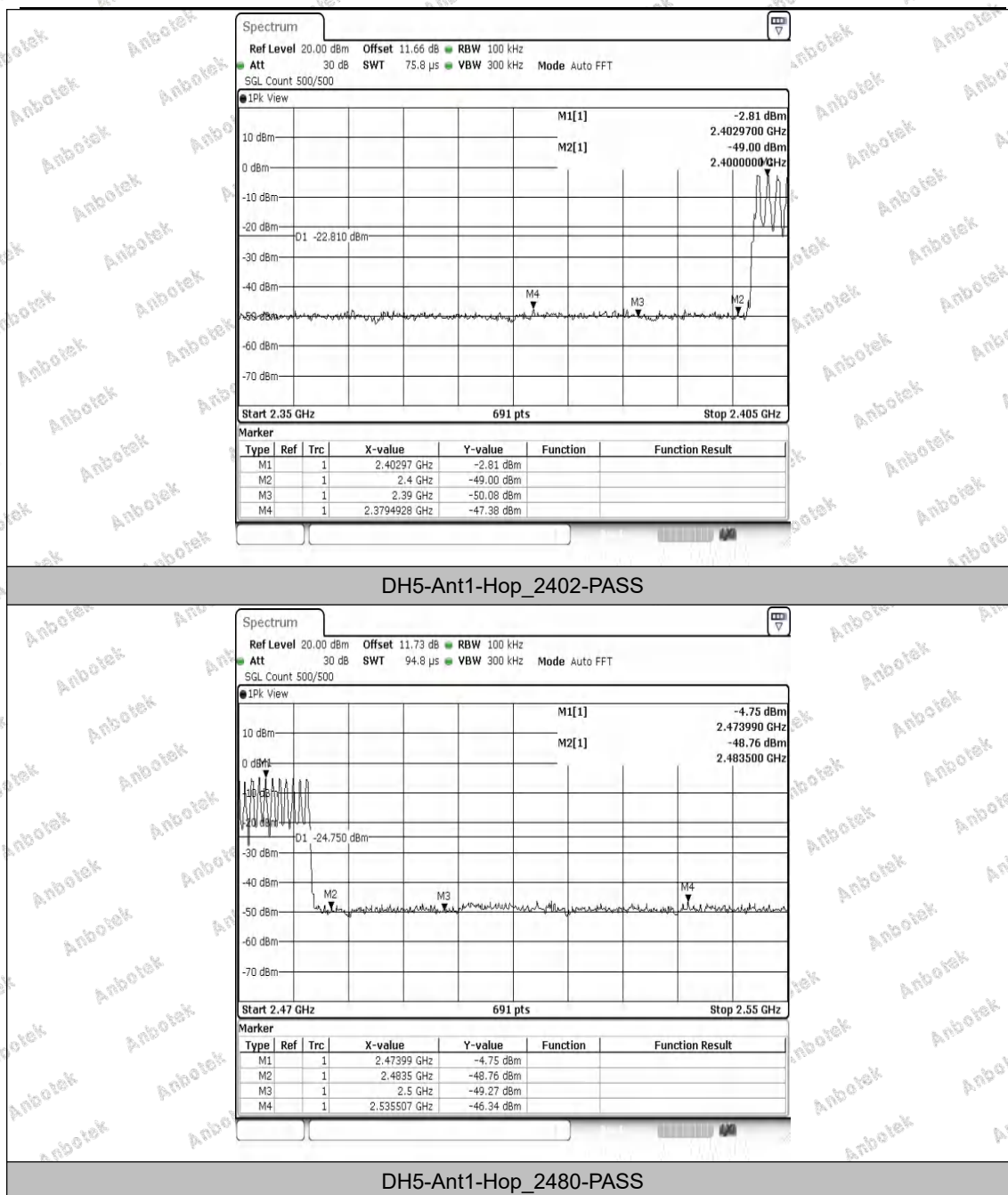
Test Result

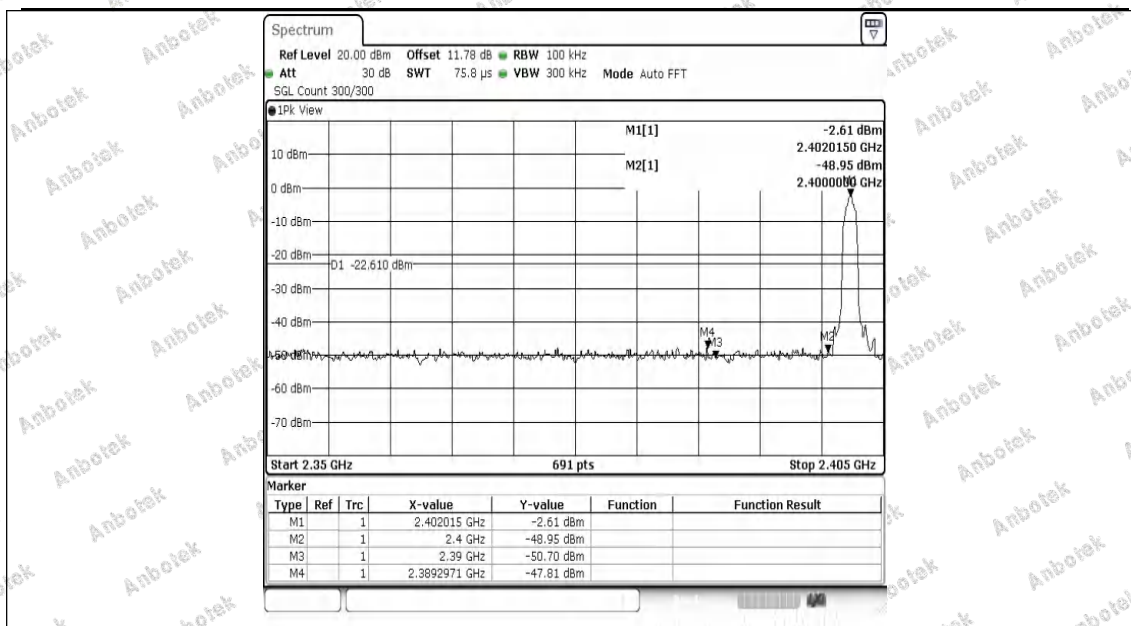
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-1.87	-46.69	≤-21.87	PASS
DH5	Ant1	High	2480	-4.50	-46.39	≤-24.5	PASS
DH5	Ant1	Low	Hop_2402	-2.81	-47.38	≤-22.81	PASS
DH5	Ant1	High	Hop_2480	-4.75	-46.34	≤-24.75	PASS
2DH5	Ant1	Low	2402	-2.61	-47.81	≤-22.61	PASS
2DH5	Ant1	High	2480	-4.47	-45.87	≤-24.47	PASS
2DH5	Ant1	Low	Hop_2402	-3.25	-47.15	≤-23.25	PASS
2DH5	Ant1	High	Hop_2480	-6.18	-45.77	≤-26.18	PASS
3DH5	Ant1	Low	2402	-1.81	-47.8	≤-21.81	PASS
3DH5	Ant1	High	2480	-4.21	-45.99	≤-24.21	PASS
3DH5	Ant1	Low	Hop_2402	-4.60	-47.21	≤-24.6	PASS
3DH5	Ant1	High	Hop_2480	-4.58	-46.17	≤-24.58	PASS



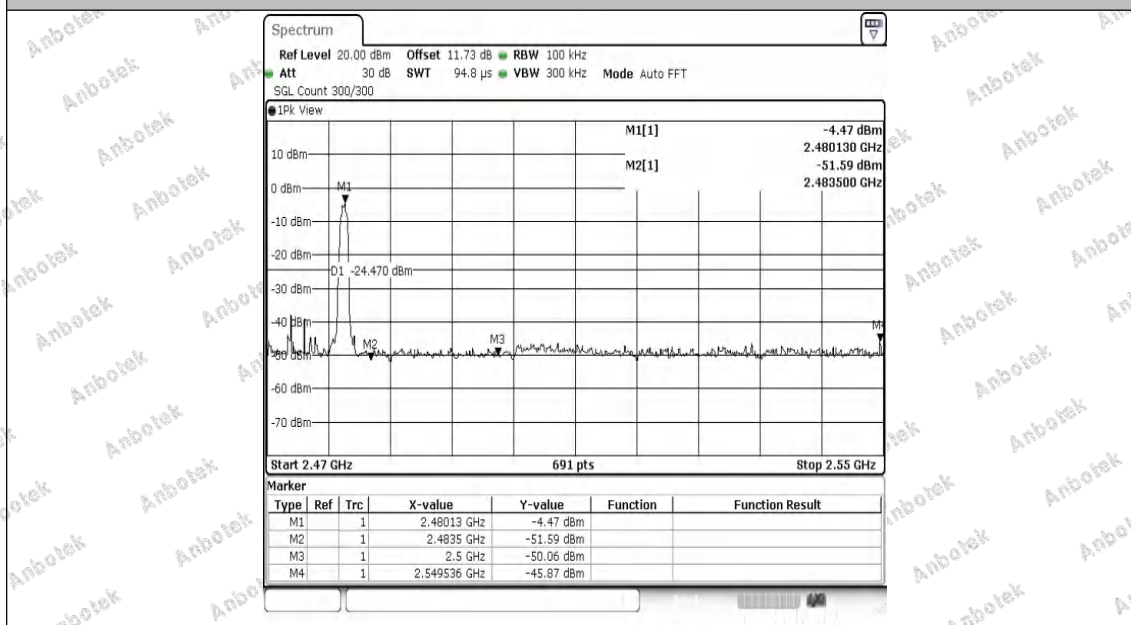
Test Graphs





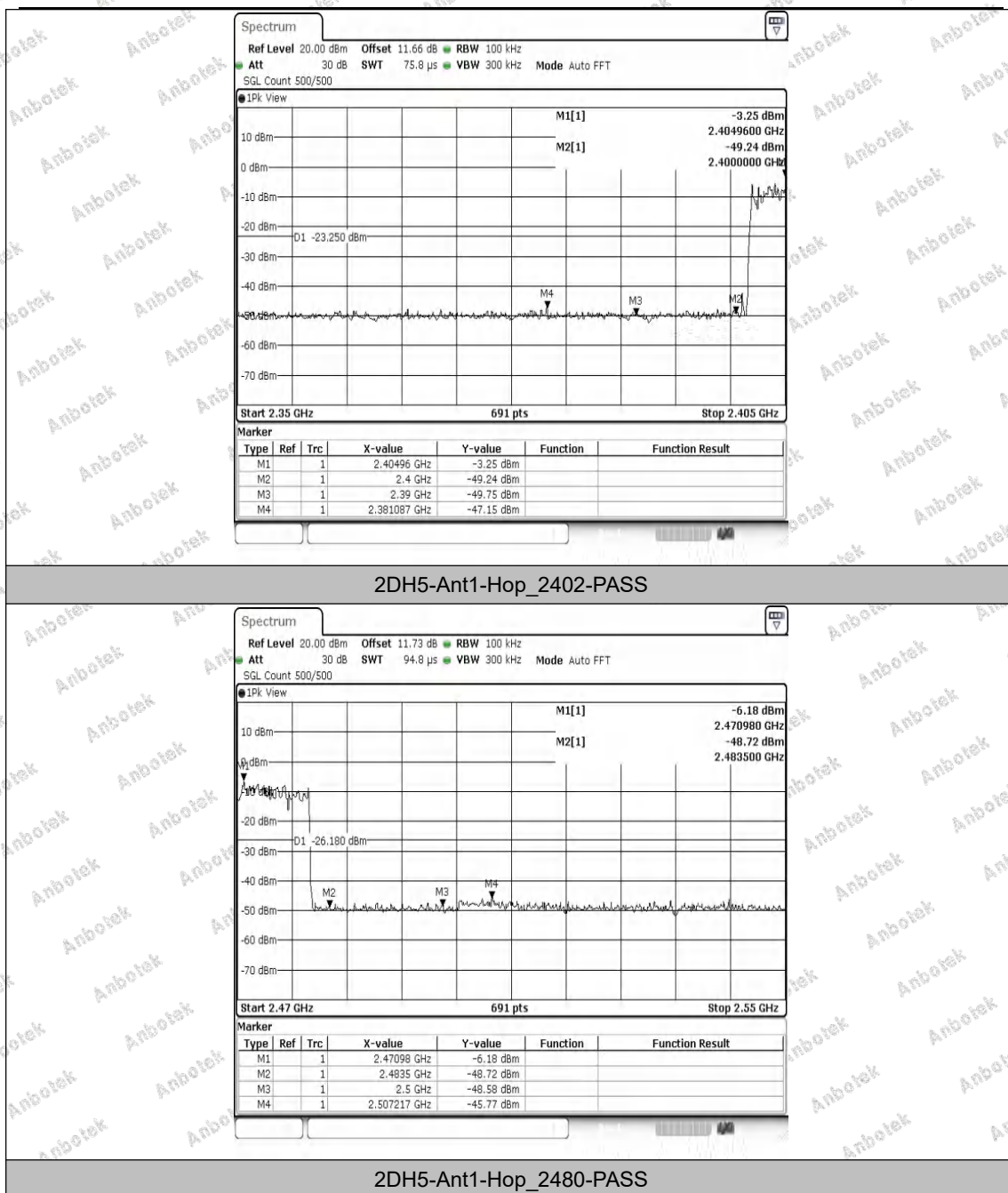


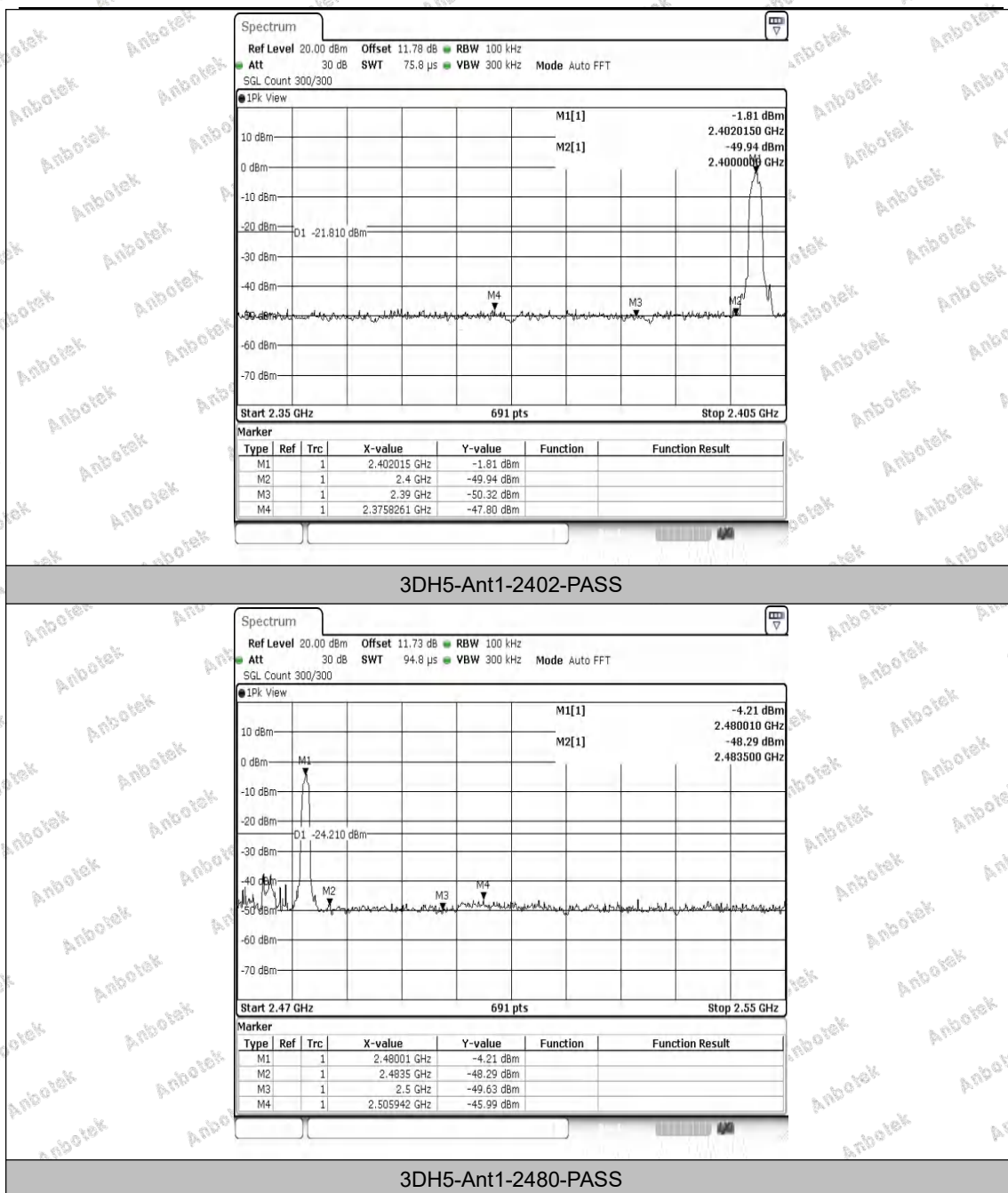
2DH5-Ant1-2402-PASS

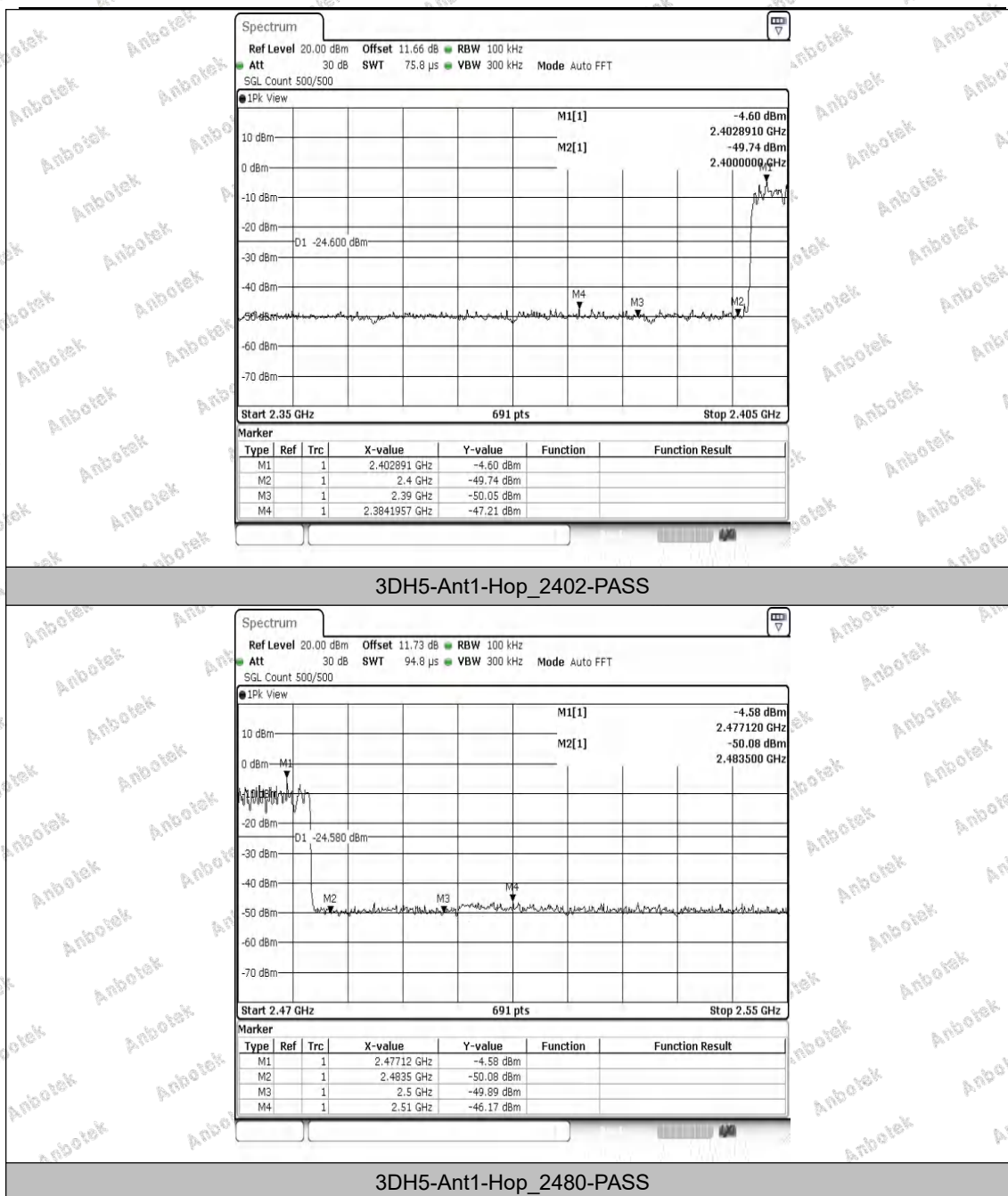


2DH5-Ant1-2480-PASS









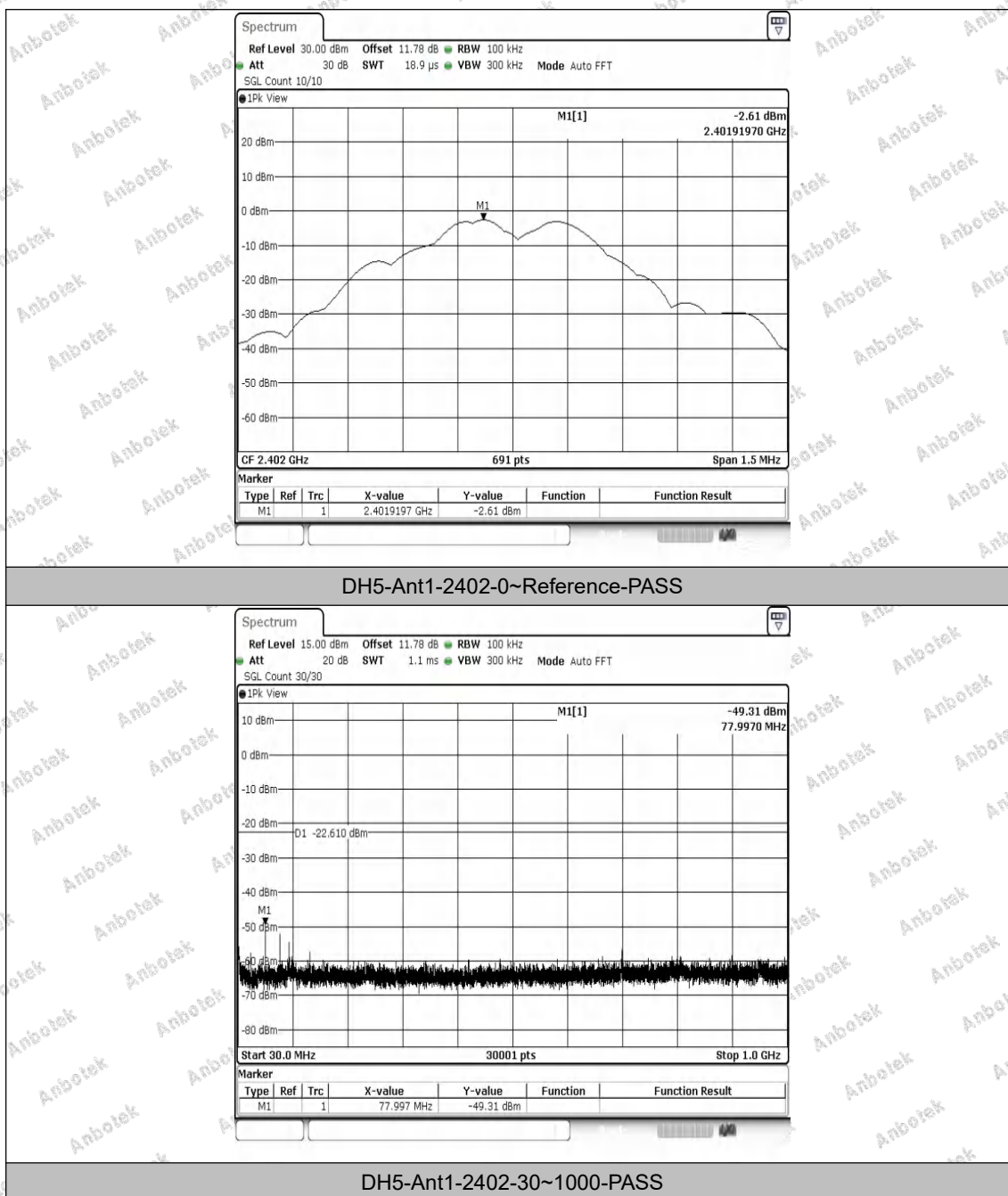
Appendix H: Conducted Spurious Emission

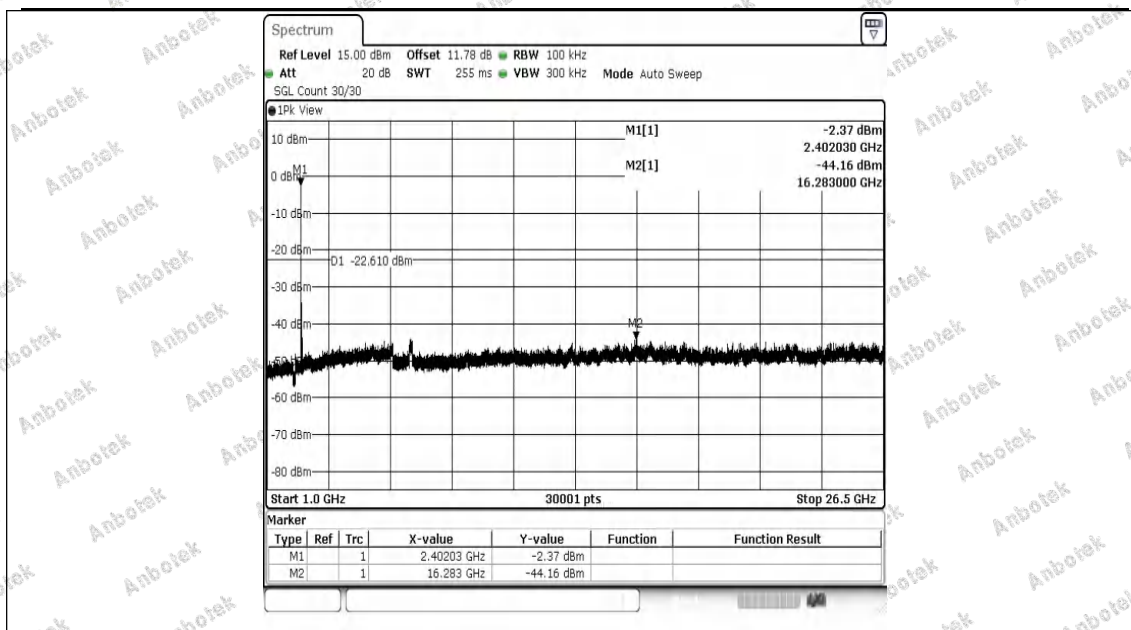
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-2.61	-2.61	---	PASS
DH5	Ant1	2402	30~1000	-2.61	-49.31	≤-22.61	PASS
DH5	Ant1	2402	1000~26500	-2.61	-44.16	≤-22.61	PASS
DH5	Ant1	2441	0~Reference	-3.86	-3.86	---	PASS
DH5	Ant1	2441	30~1000	-3.86	-49.62	≤-23.86	PASS
DH5	Ant1	2441	1000~26500	-3.86	-43.62	≤-23.86	PASS
DH5	Ant1	2480	0~Reference	-5.18	-5.18	---	PASS
DH5	Ant1	2480	30~1000	-5.18	-49.7	≤-25.18	PASS
DH5	Ant1	2480	1000~26500	-5.18	-42.99	≤-25.18	PASS
2DH5	Ant1	2402	0~Reference	-6.29	-6.29	---	PASS
2DH5	Ant1	2402	30~1000	-6.29	-49.03	≤-26.29	PASS
2DH5	Ant1	2402	1000~26500	-6.29	-43.2	≤-26.29	PASS
2DH5	Ant1	2441	0~Reference	-3.92	-3.92	---	PASS
2DH5	Ant1	2441	30~1000	-3.92	-49.31	≤-23.92	PASS
2DH5	Ant1	2441	1000~26500	-3.92	-43.26	≤-23.92	PASS
2DH5	Ant1	2480	0~Reference	-7.31	-7.31	---	PASS
2DH5	Ant1	2480	30~1000	-7.31	-49.56	≤-27.31	PASS
2DH5	Ant1	2480	1000~26500	-7.31	-43.34	≤-27.31	PASS
3DH5	Ant1	2402	0~Reference	-5.85	-5.85	---	PASS
3DH5	Ant1	2402	30~1000	-5.85	-49.33	≤-25.85	PASS
3DH5	Ant1	2402	1000~26500	-5.85	-43.82	≤-25.85	PASS
3DH5	Ant1	2441	0~Reference	-6.06	-6.06	---	PASS
3DH5	Ant1	2441	30~1000	-6.06	-49.38	≤-26.06	PASS
3DH5	Ant1	2441	1000~26500	-6.06	-43.06	≤-26.06	PASS
3DH5	Ant1	2480	0~Reference	-4.24	-4.24	---	PASS
3DH5	Ant1	2480	30~1000	-4.24	-49.63	≤-24.24	PASS
3DH5	Ant1	2480	1000~26500	-4.24	-43.77	≤-24.24	PASS

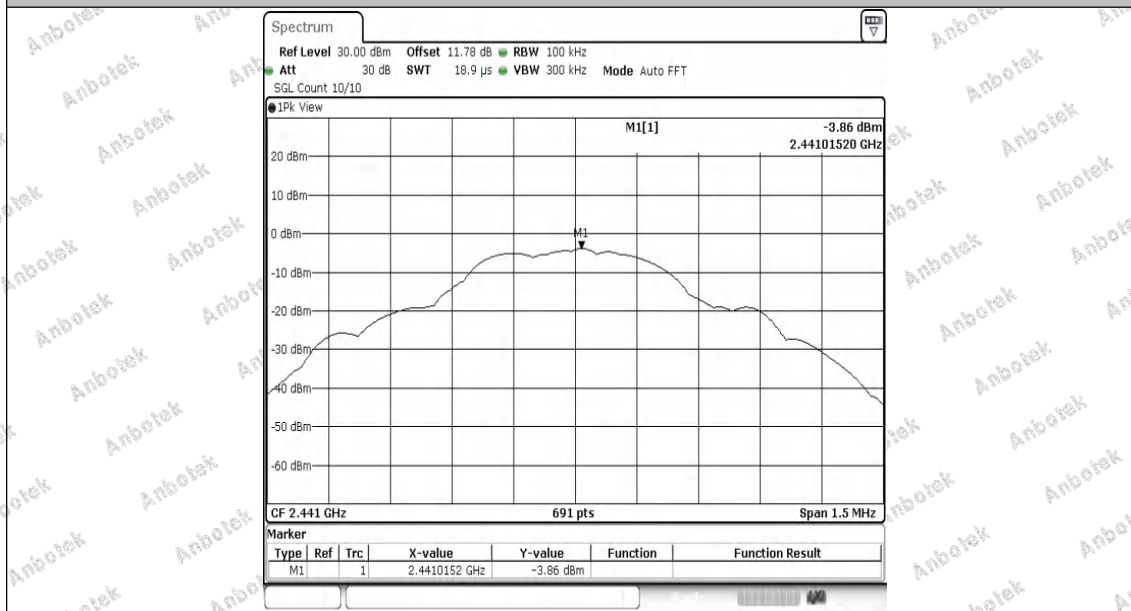


Test Graphs



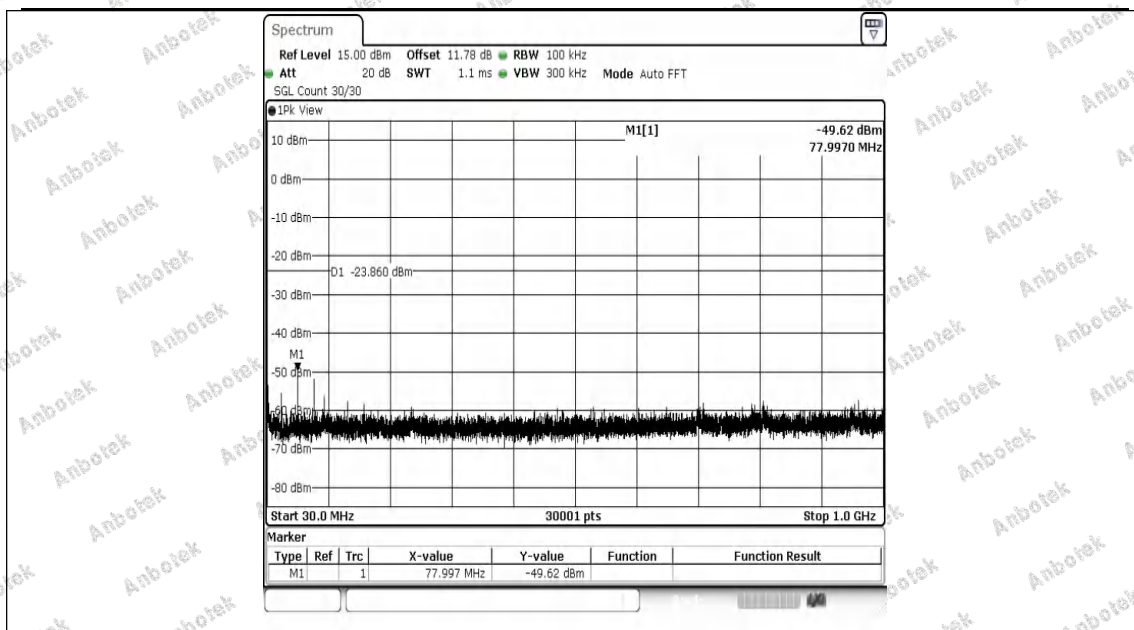


DH5-Ant1-2402-1000~26500-PASS

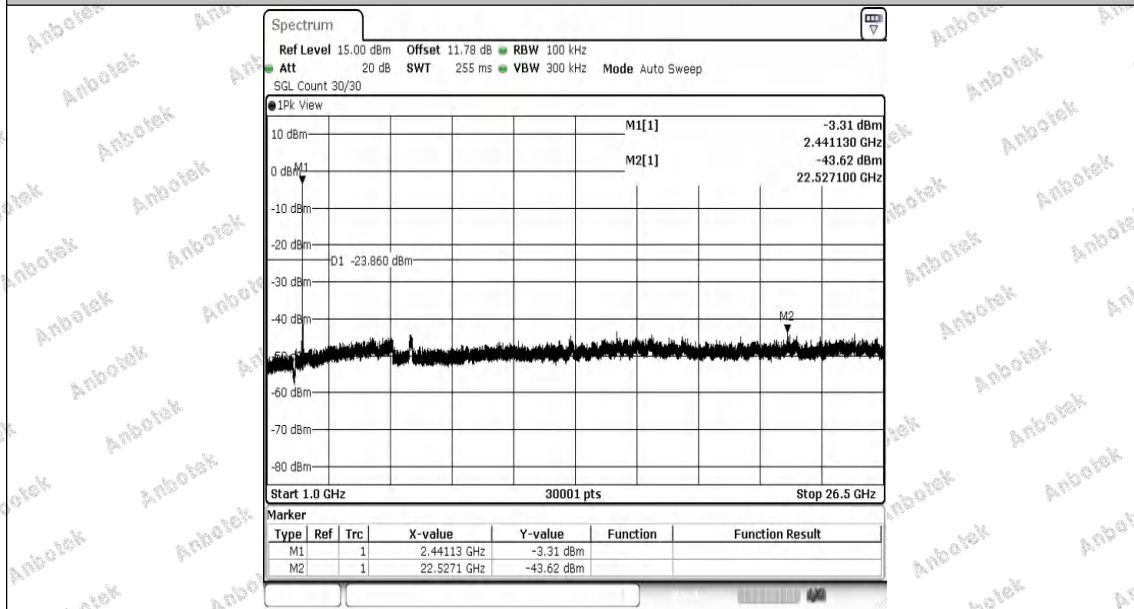


DH5-Ant1-2441-0~Reference-PASS



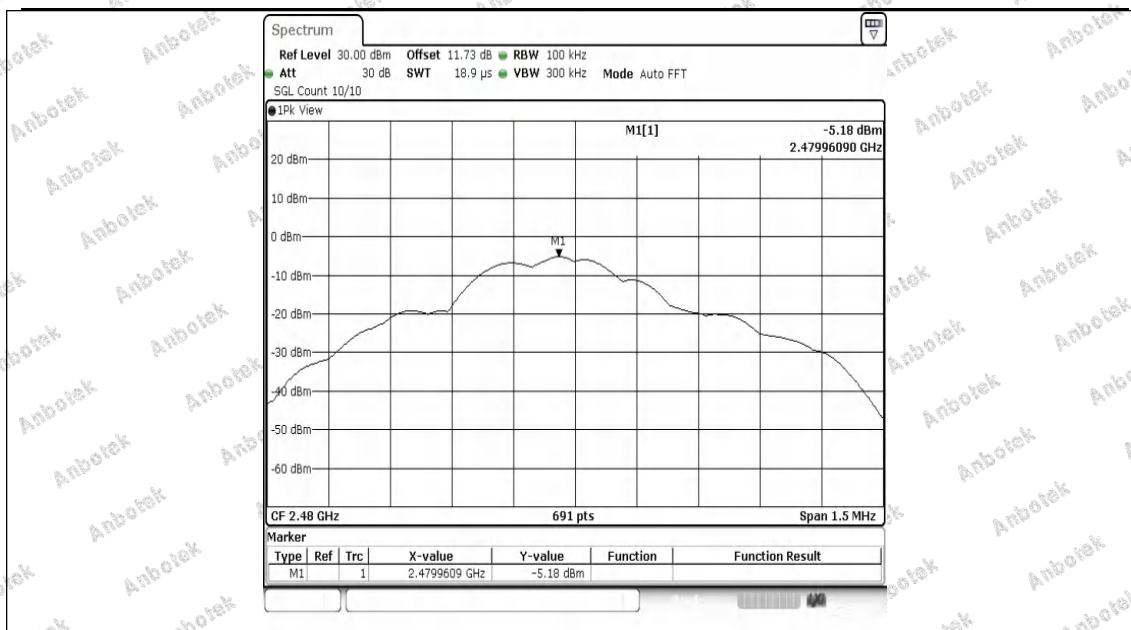


DH5-Ant1-2441-30~1000-PASS

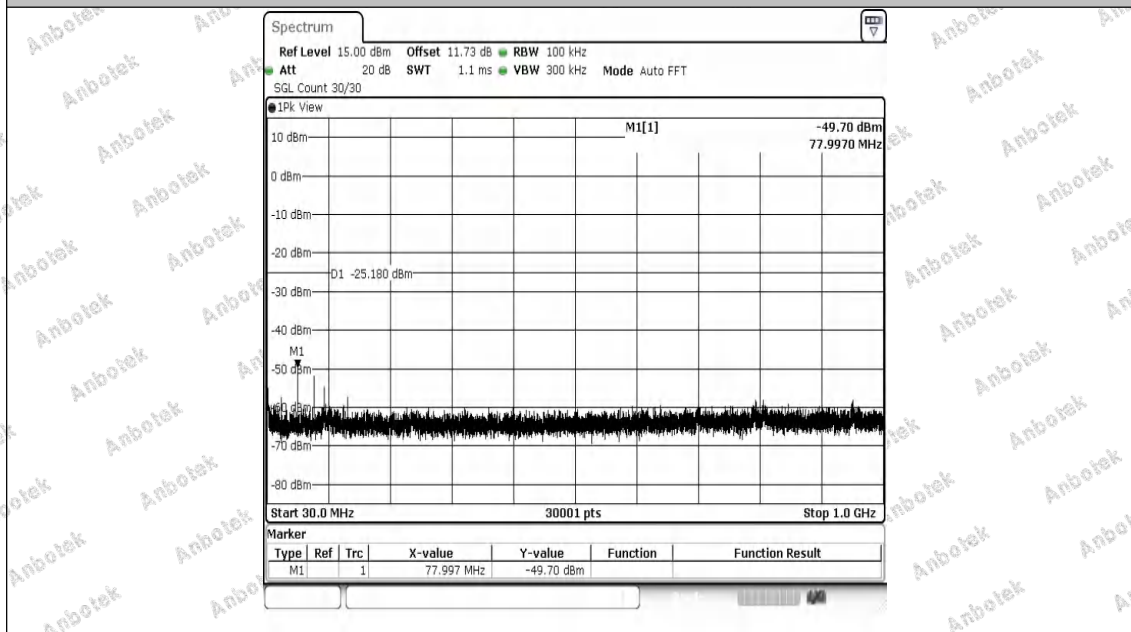


DH5-Ant1-2441-1000~26500-PASS



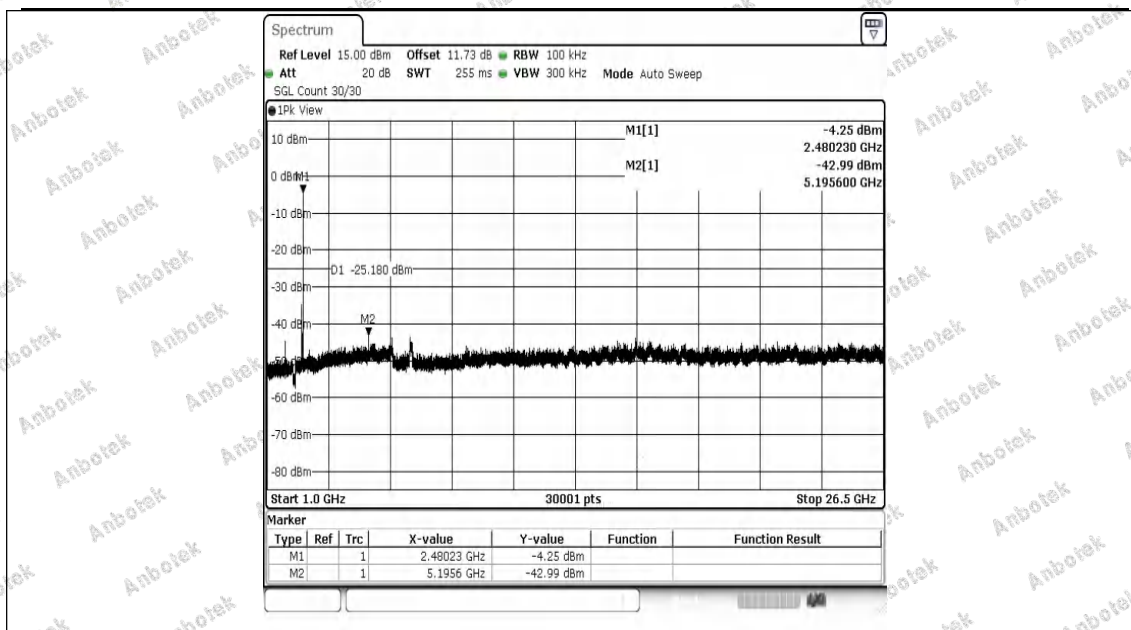


DH5-Ant1-2480-0~Reference-PASS

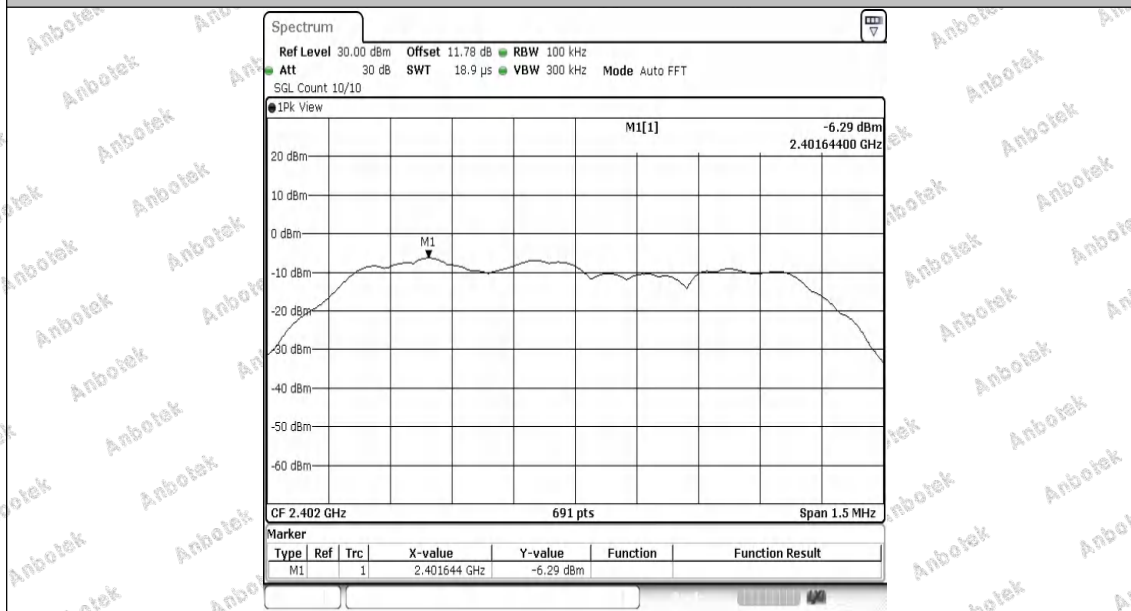


DH5-Ant1-2480-30~1000-PASS



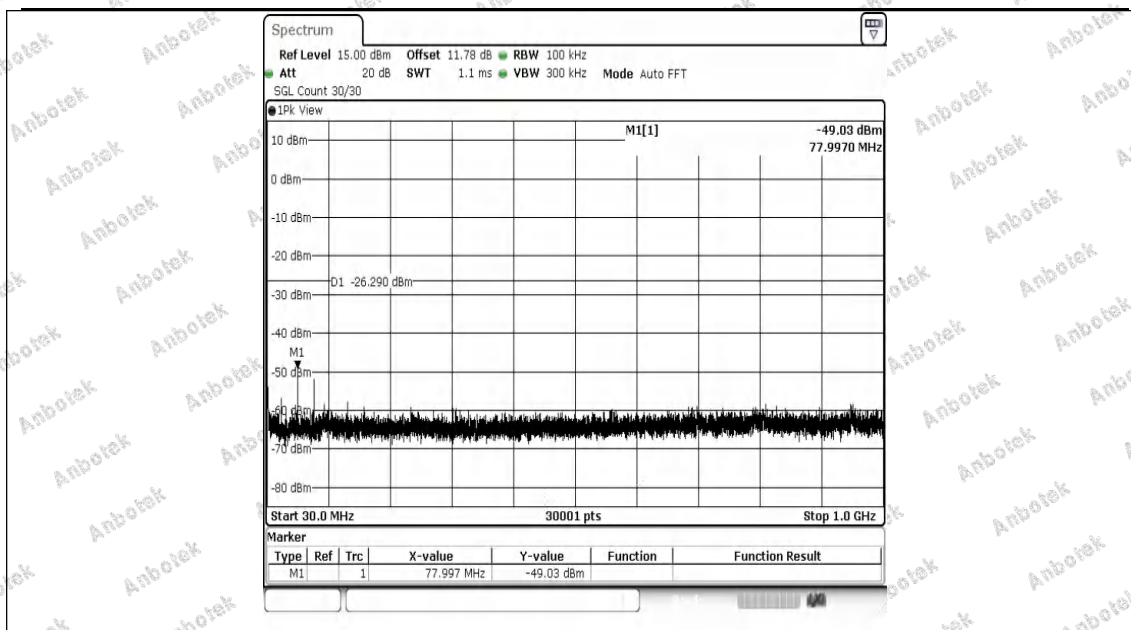


DH5-Ant1-2480-1000~26500-PASS

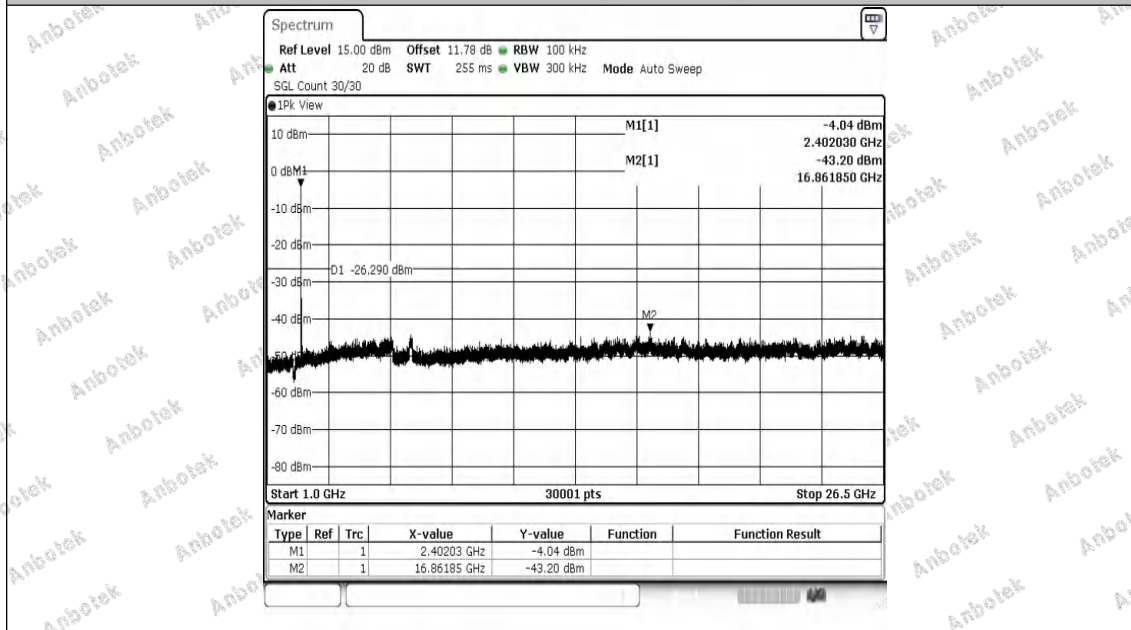


2DH5-Ant1-2402-0~Reference-PASS



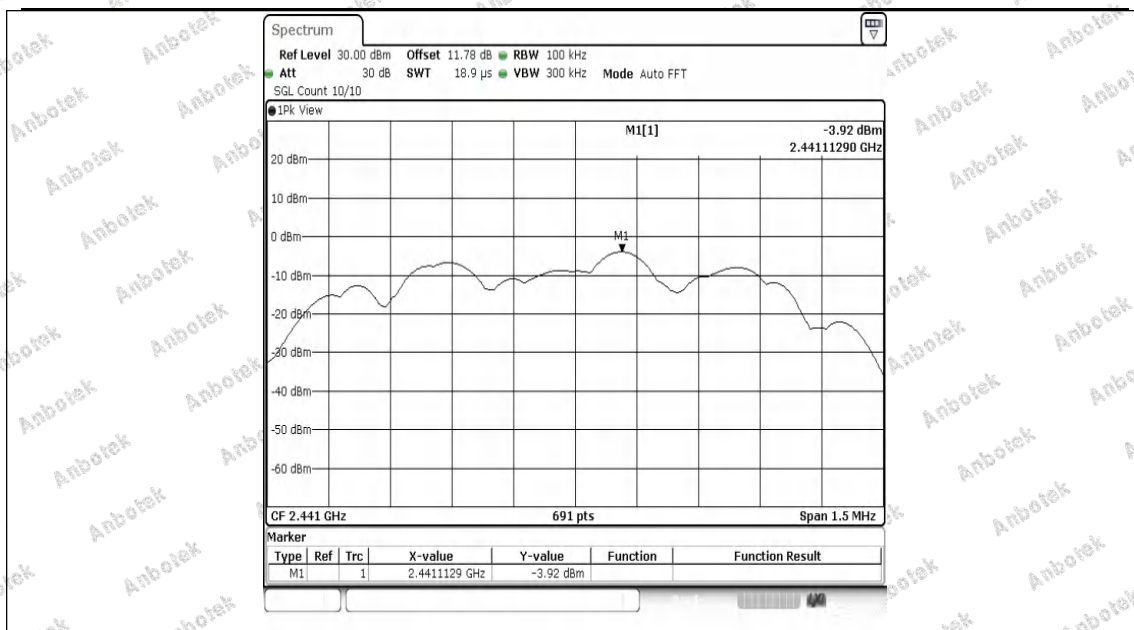


2DH5-Ant1-2402-30~1000-PASS

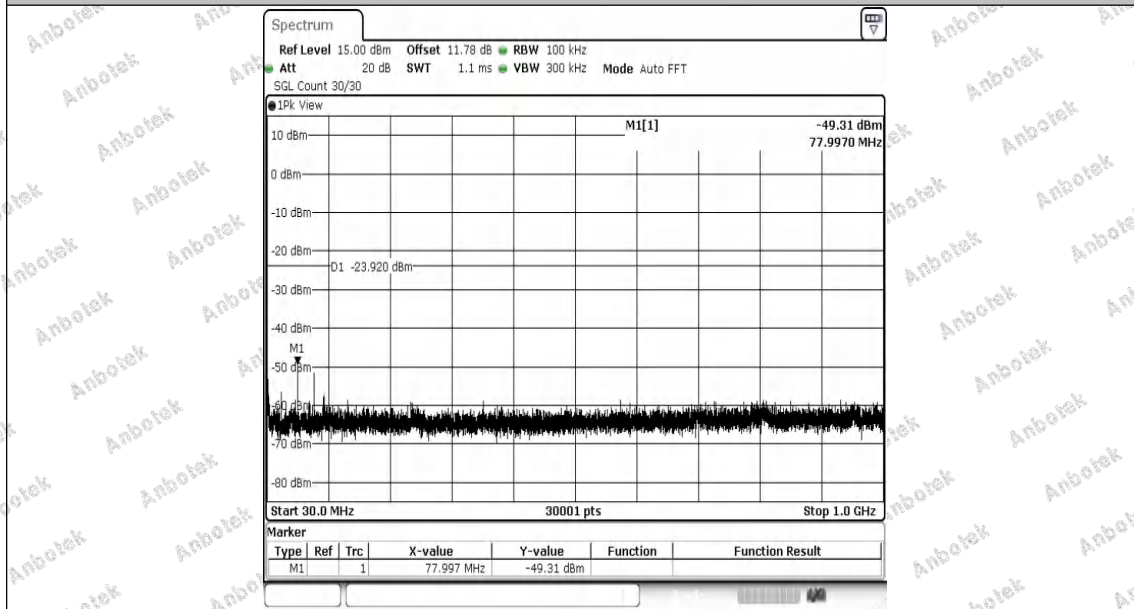


2DH5-Ant1-2402-1000~26500-PASS



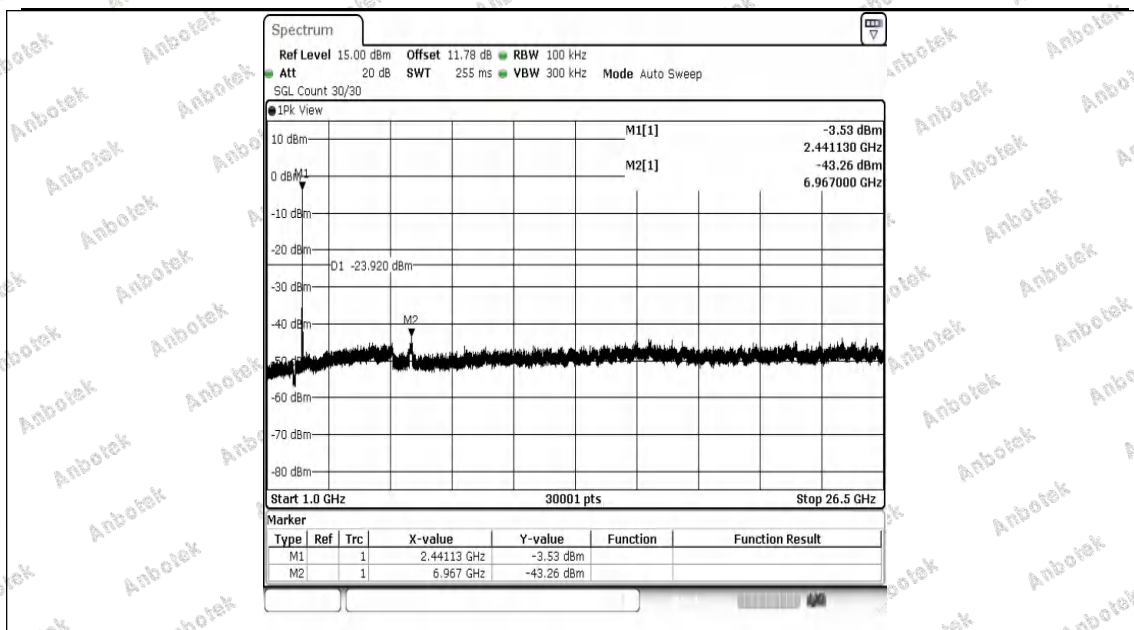


2DH5-Ant1-2441-0~Reference-PASS

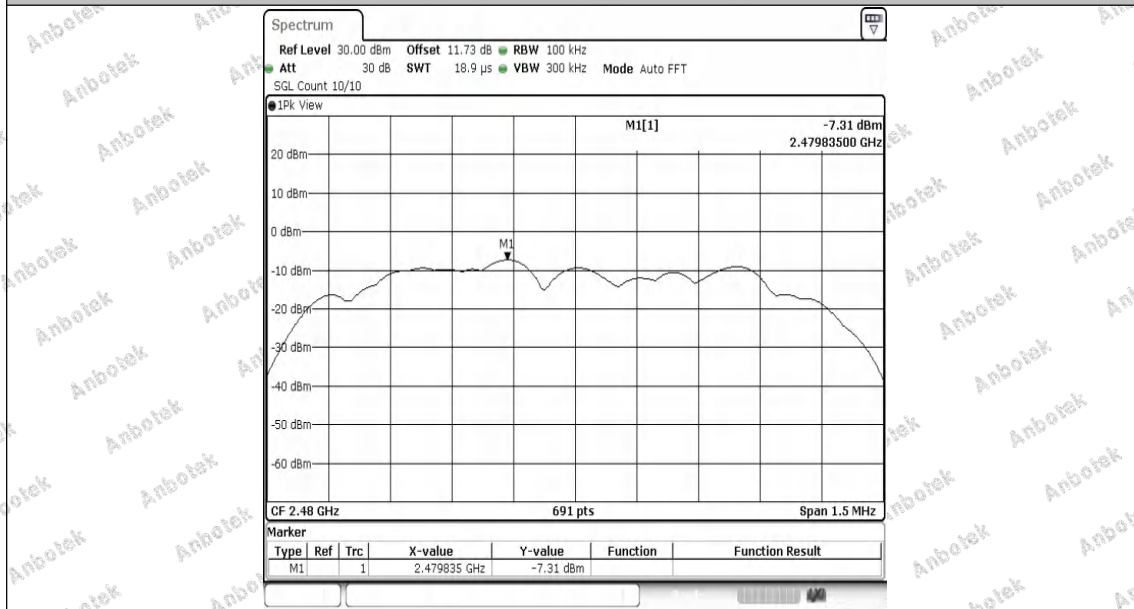


2DH5-Ant1-2441-30~1000-PASS



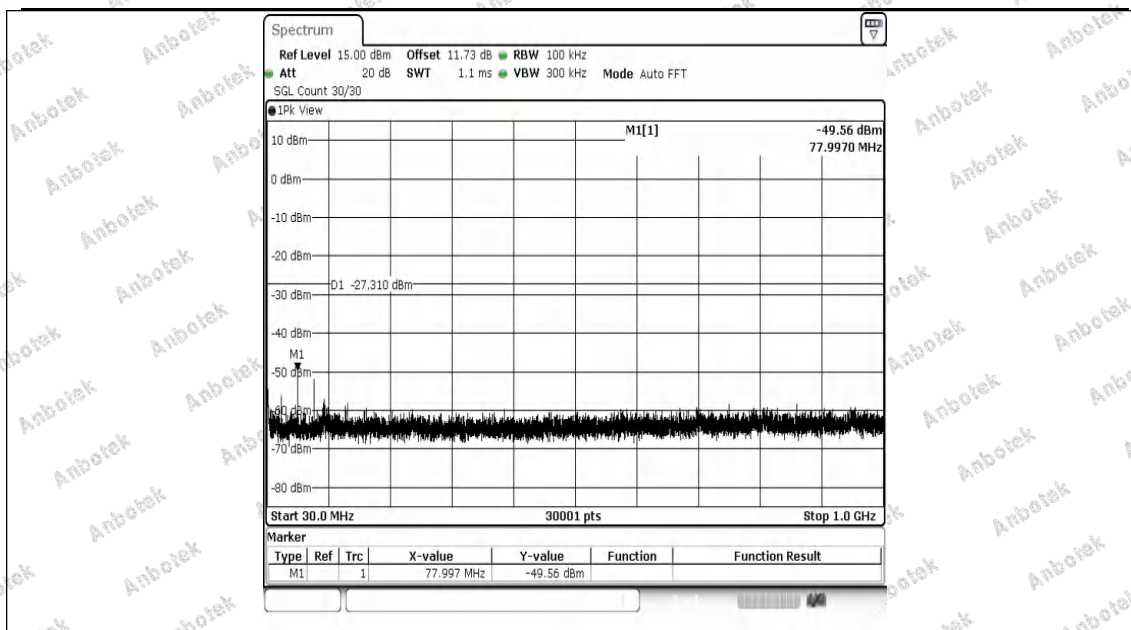


2DH5-Ant1-2441-1000~26500-PASS

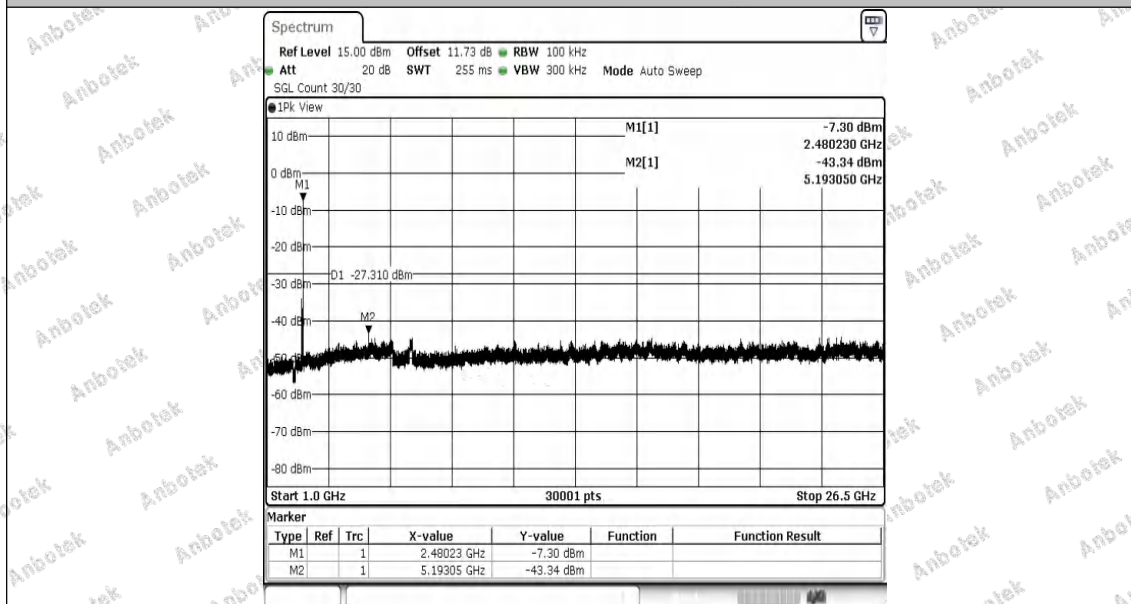


2DH5-Ant1-2480-0~Reference-PASS



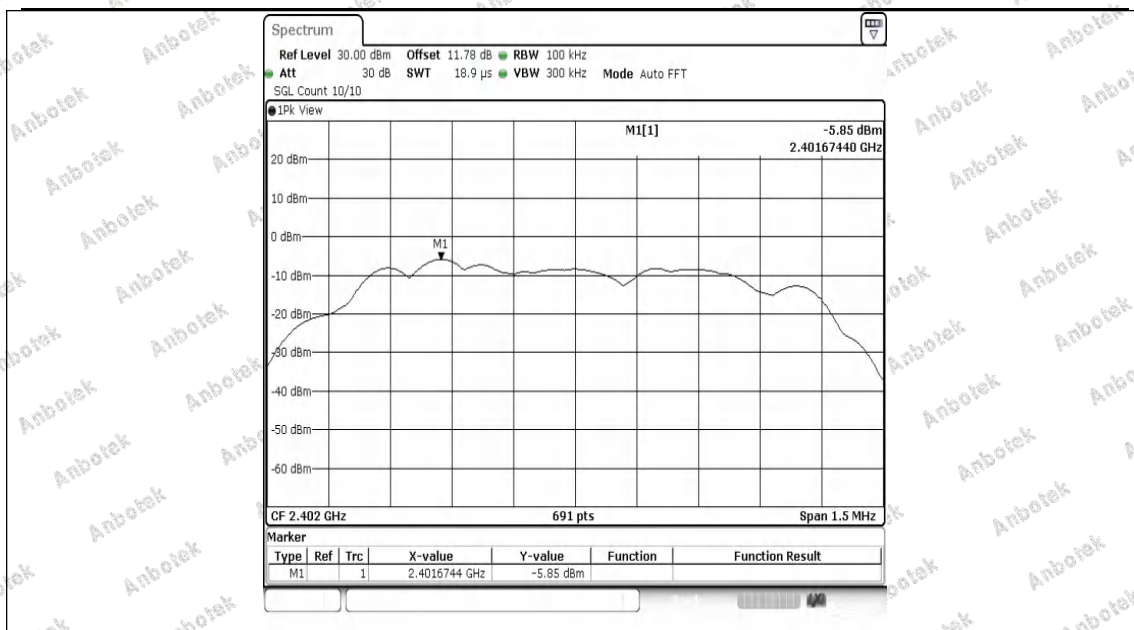


2DH5-Ant1-2480-30~1000-PASS

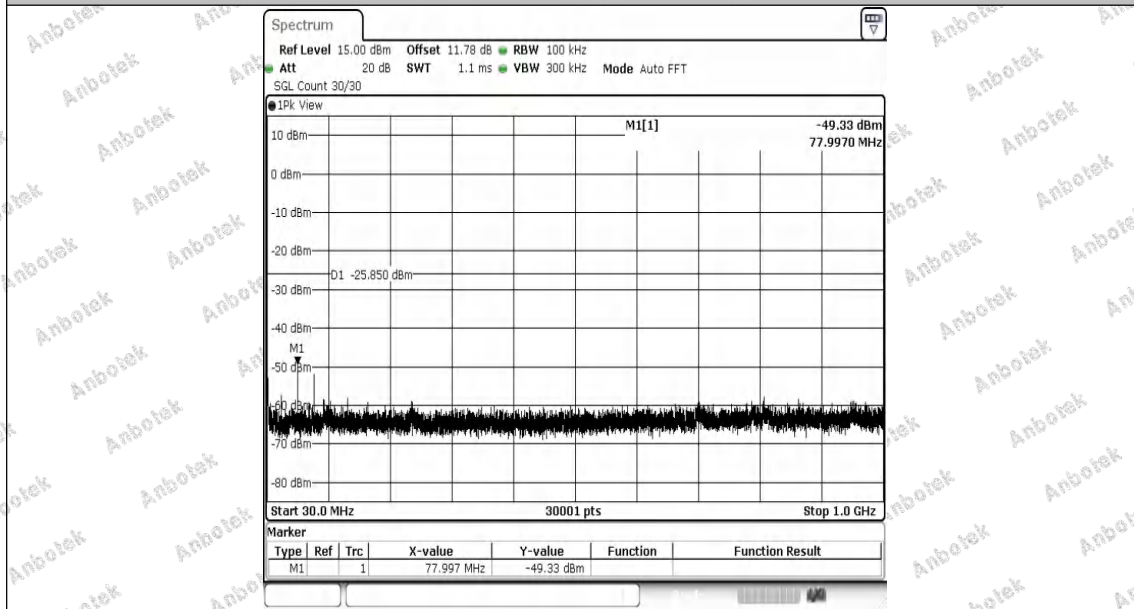


2DH5-Ant1-2480-1000~26500-PASS



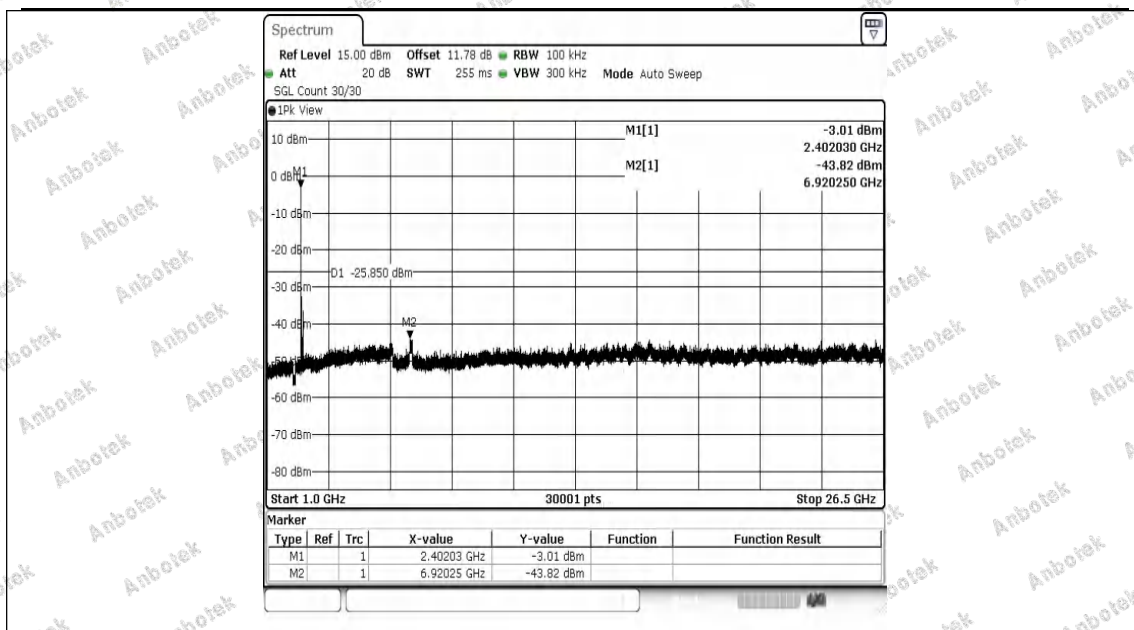


3DH5-Ant1-2402-0~Reference-PASS

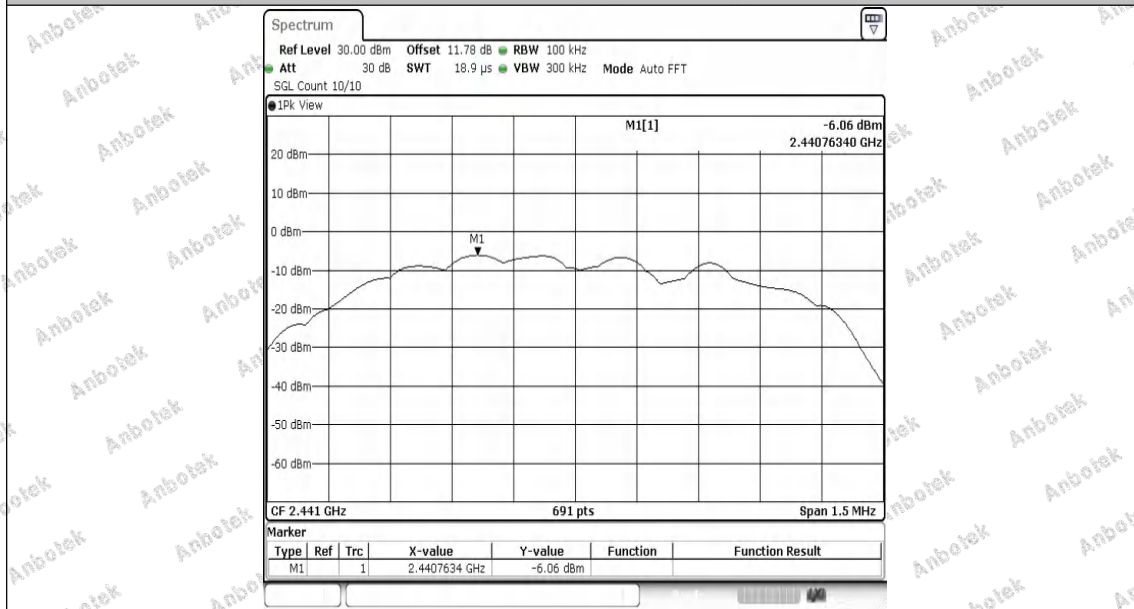


3DH5-Ant1-2402-30~1000-PASS



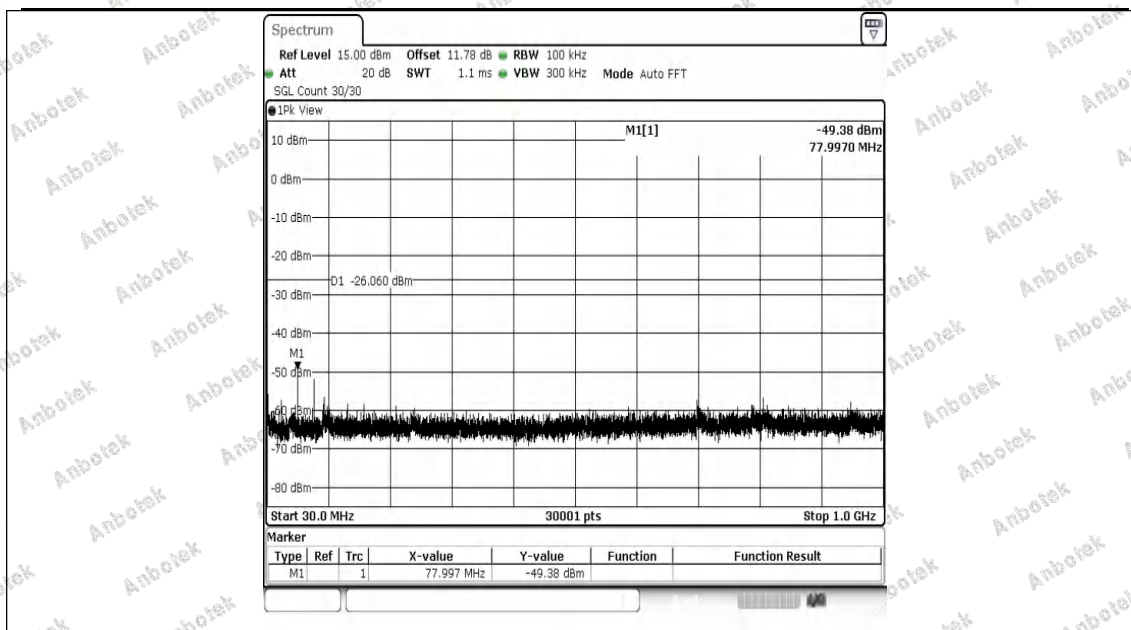


3DH5-Ant1-2402-1000~26500-PASS

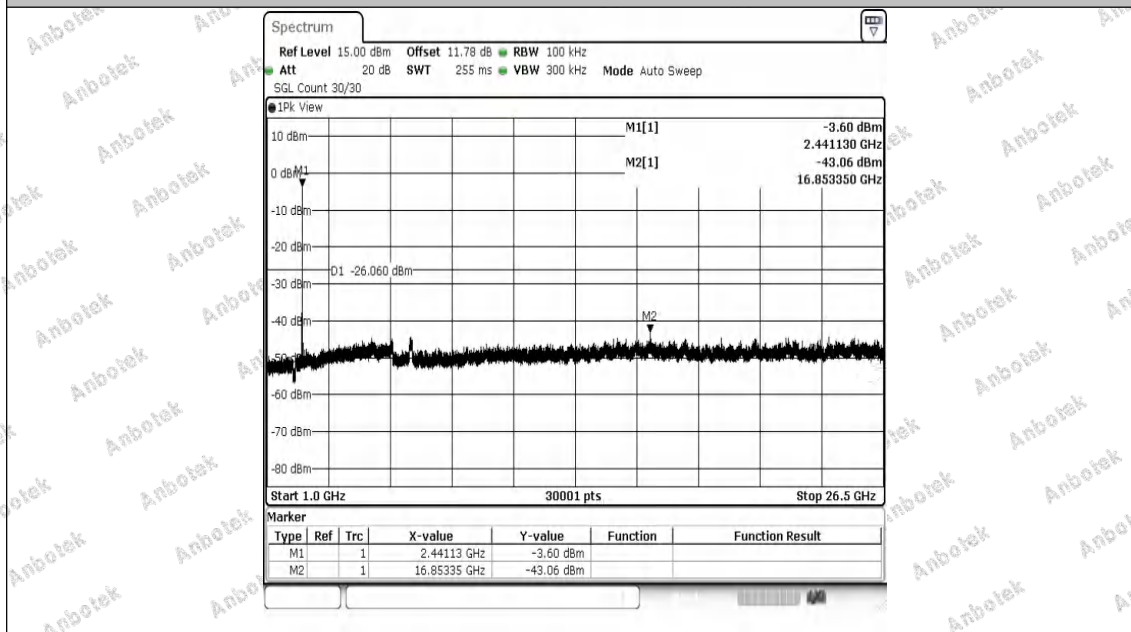


3DH5-Ant1-2441-0~Reference-PASS



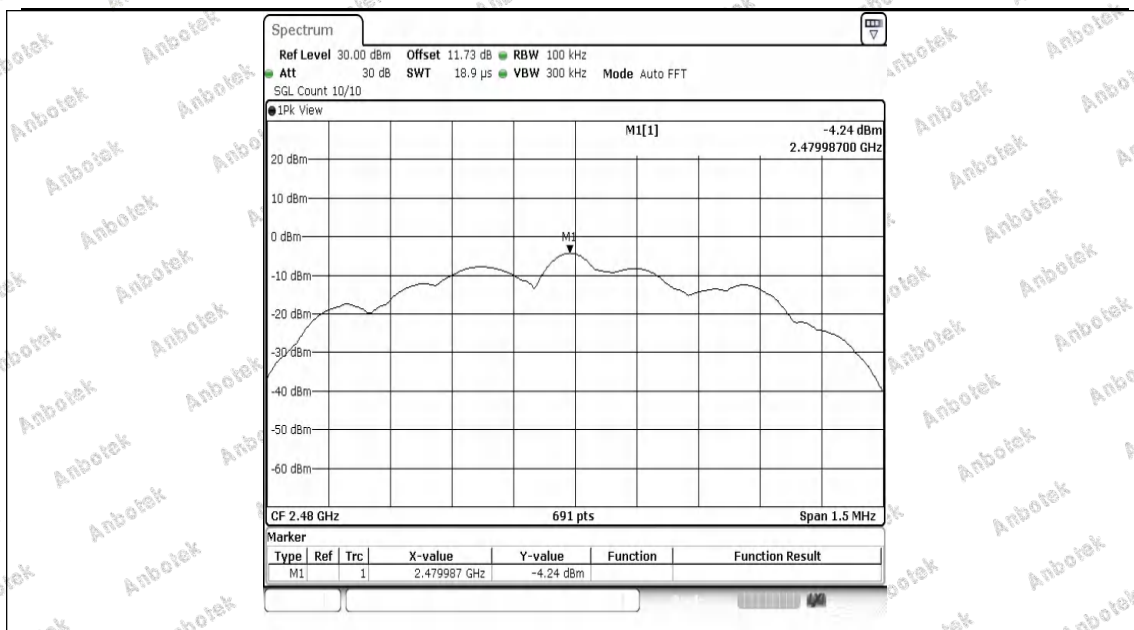


3DH5-Ant1-2441-30~1000-PASS

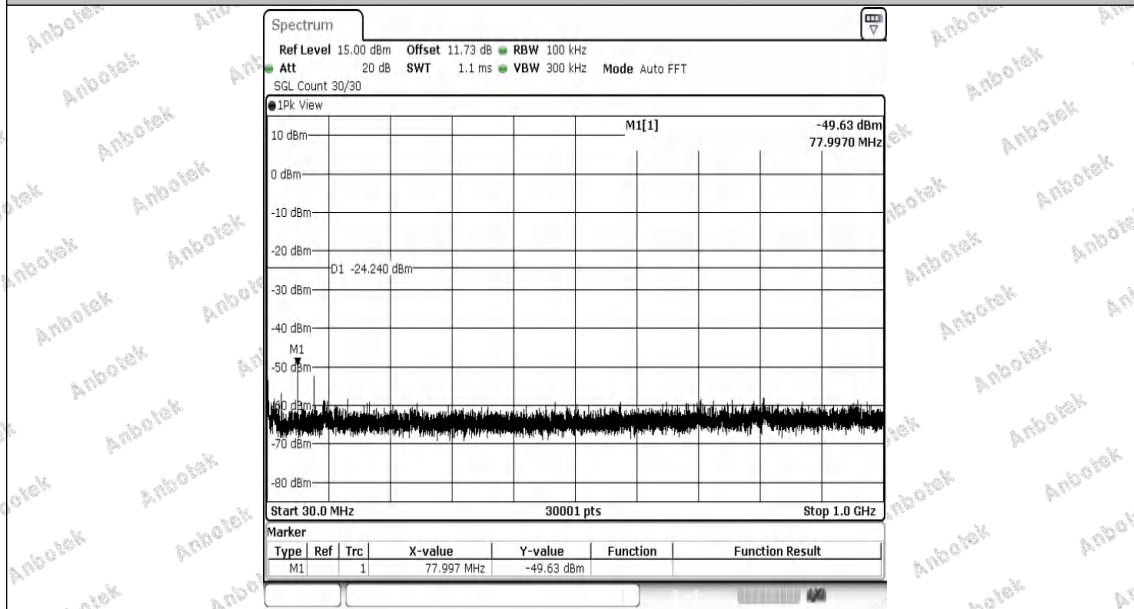


3DH5-Ant1-2441-1000~26500-PASS



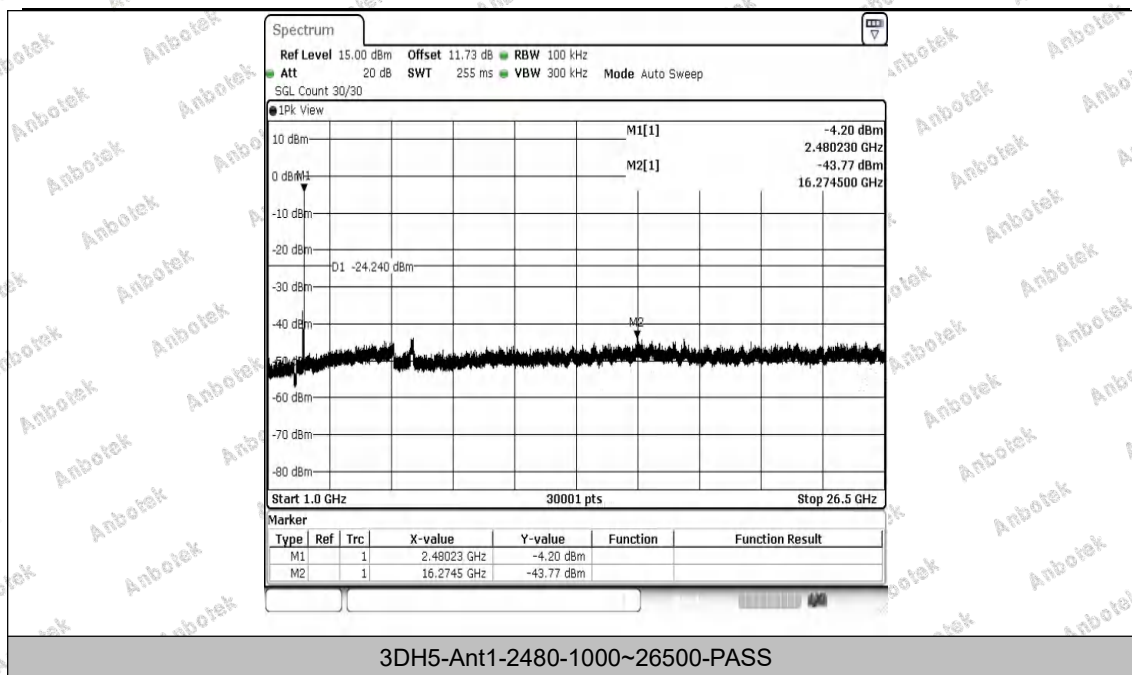


3DH5-Ant1-2480-0~Reference-PASS



3DH5-Ant1-2480-30~1000-PASS





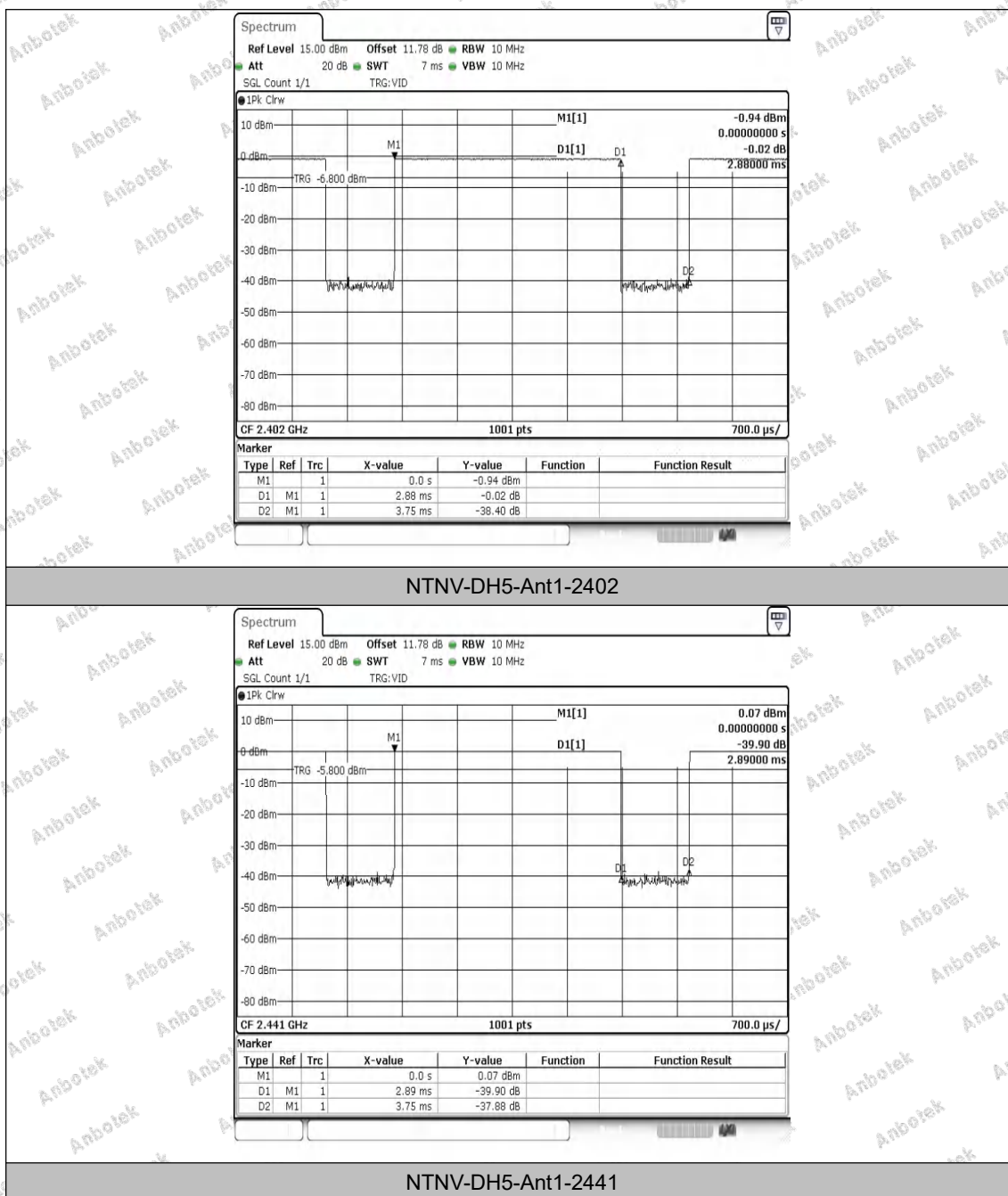
Appendix I: Duty Cycle

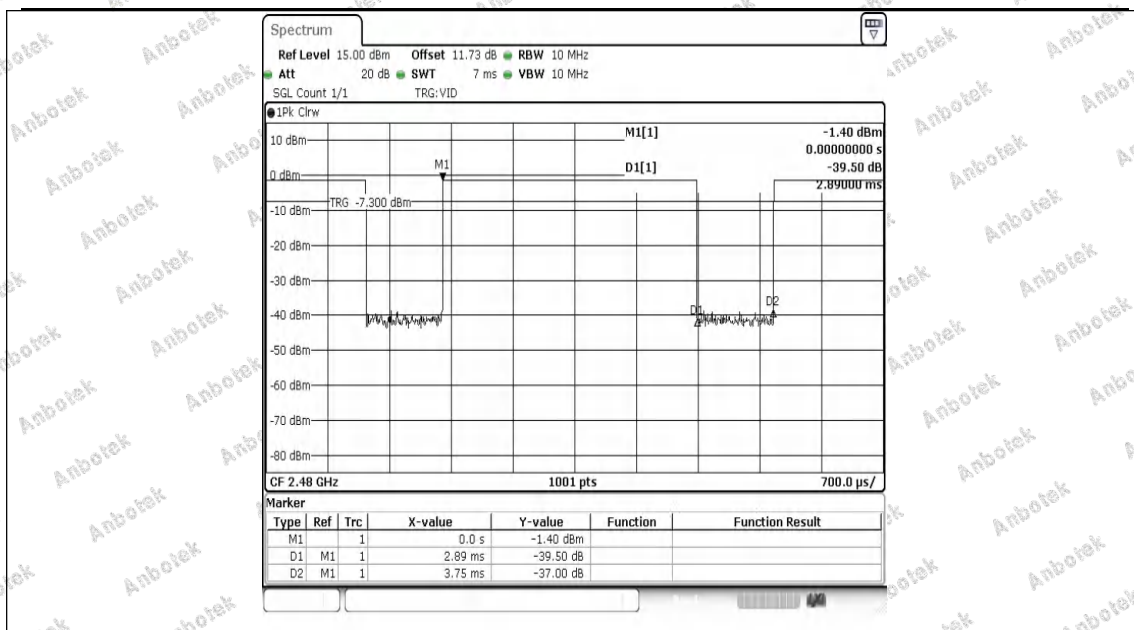
Test Result

TestMode	Antenn a	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.88	3.75	76.80	1.15
DH5	Ant1	2441	2.89	3.75	77.07	1.13
DH5	Ant1	2480	2.89	3.75	77.07	1.13
2DH5	Ant1	2402	2.88	3.75	76.80	1.15
2DH5	Ant1	2441	2.89	3.75	77.07	1.13
2DH5	Ant1	2480	2.89	3.75	77.07	1.13
3DH5	Ant1	2402	2.89	3.75	77.07	1.13
3DH5	Ant1	2441	2.89	3.75	77.07	1.13
3DH5	Ant1	2480	2.89	3.75	77.07	1.13

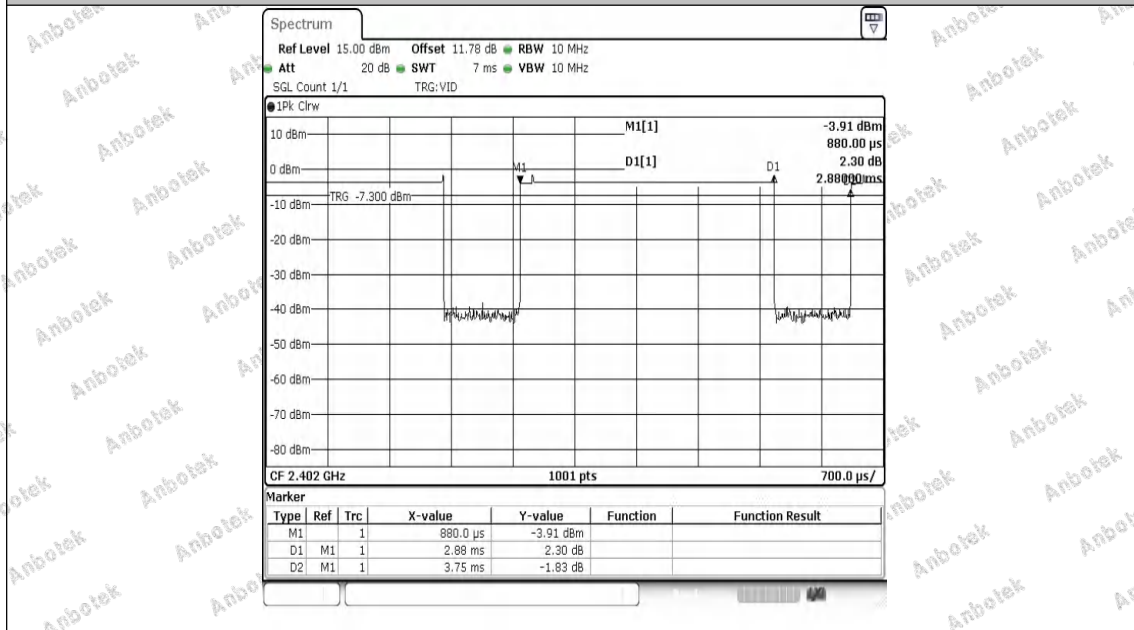


Test Graphs



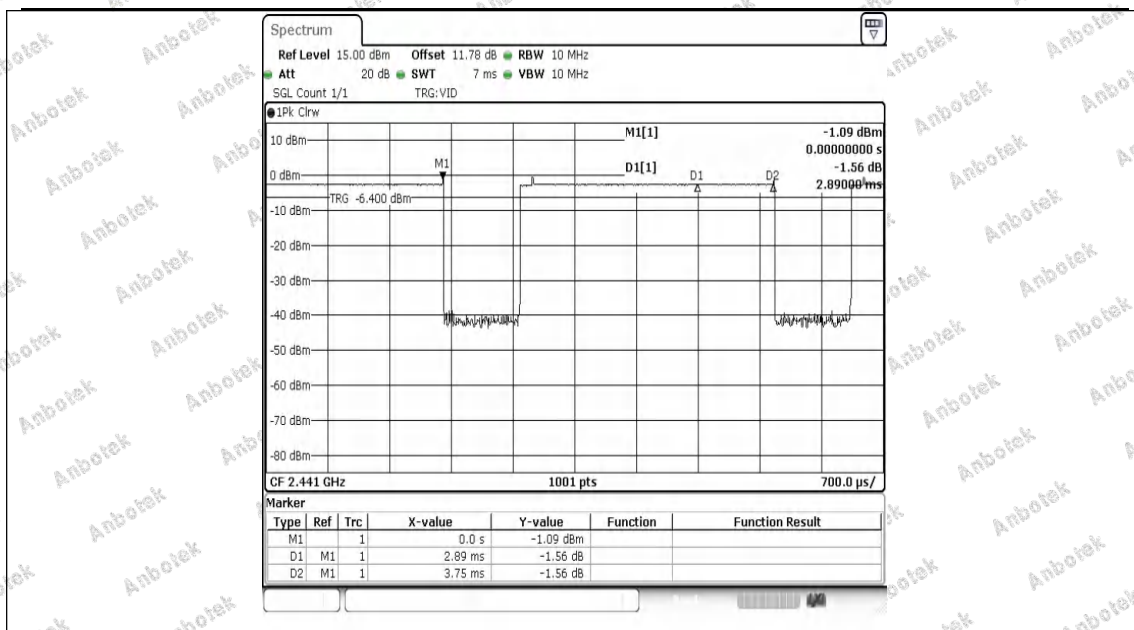


NTNV-DH5-Ant1-2480

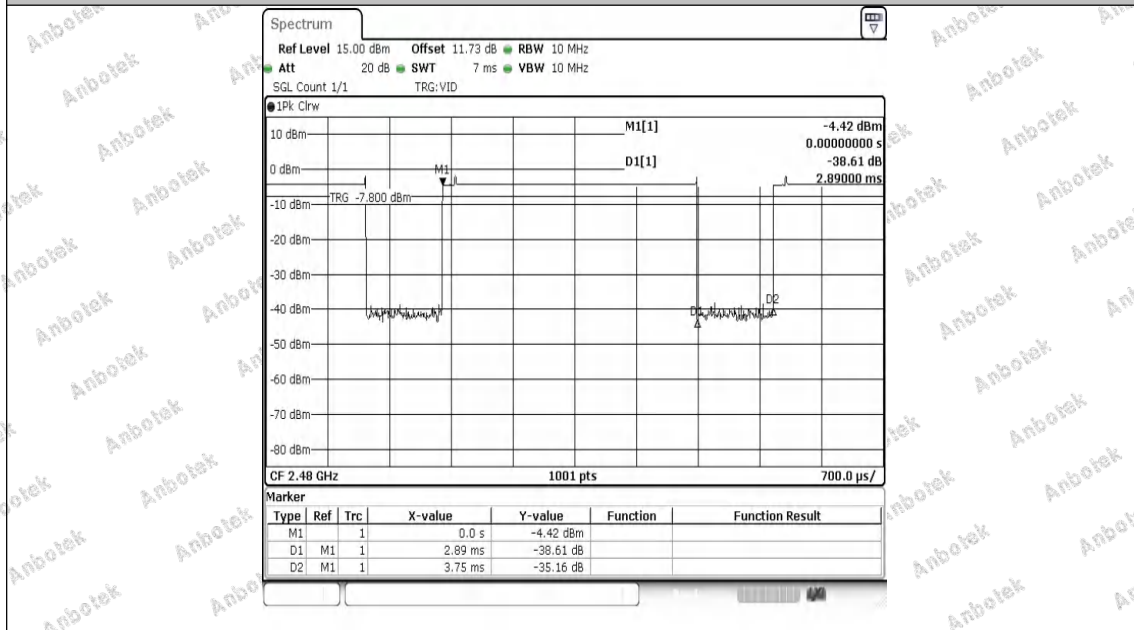


NTNV-2DH5-Ant1-2402



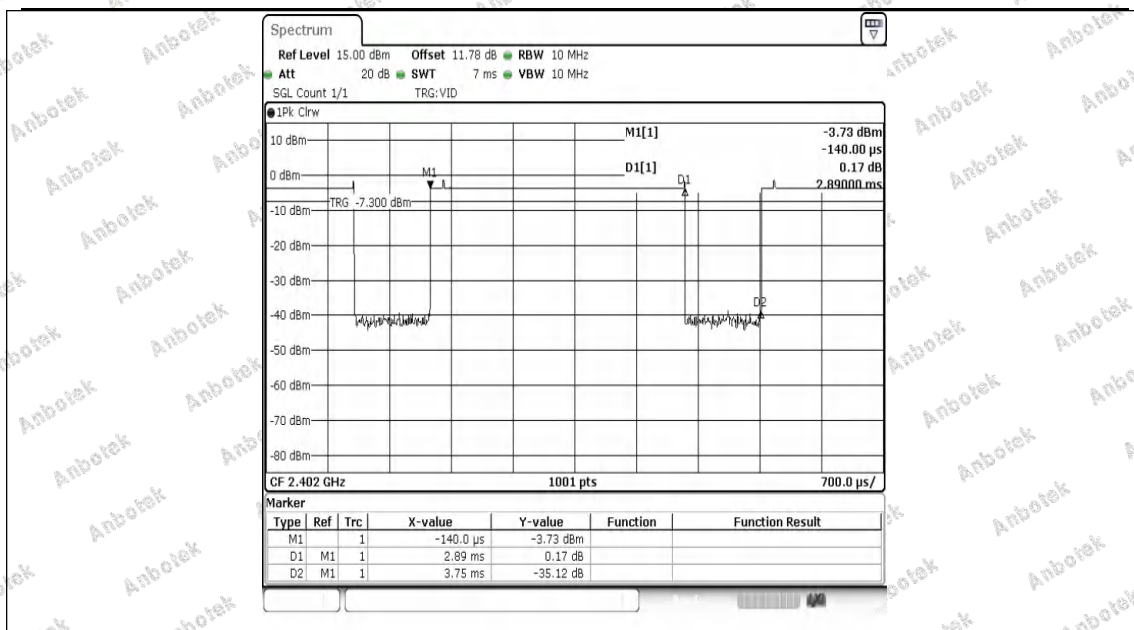


NTNV-2DH5-Ant1-2441

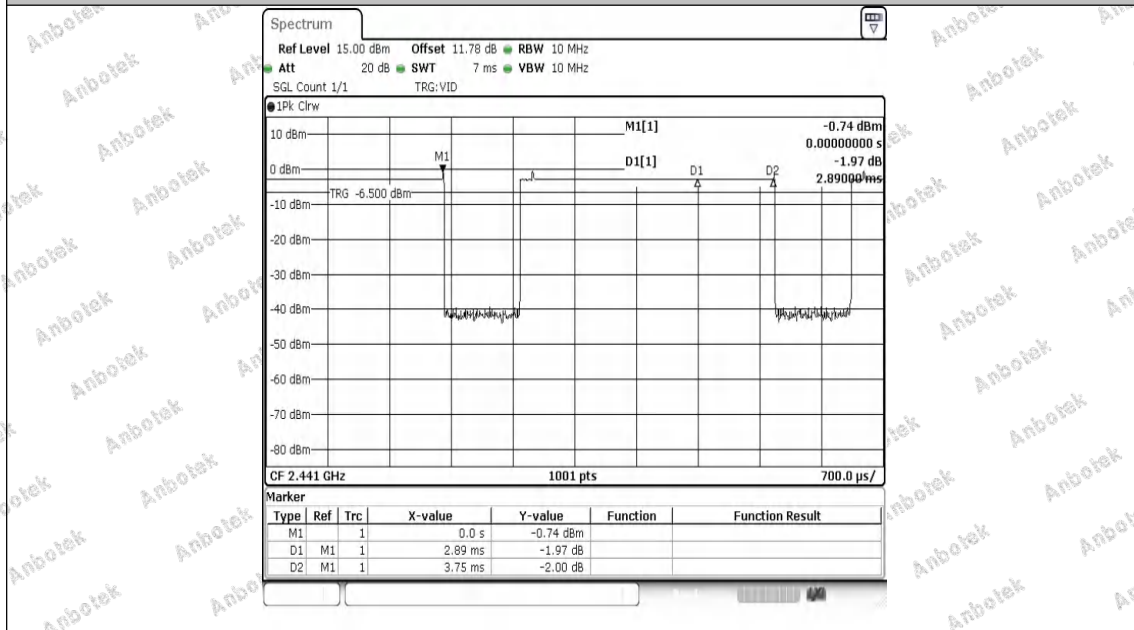


NTNV-2DH5-Ant1-2480



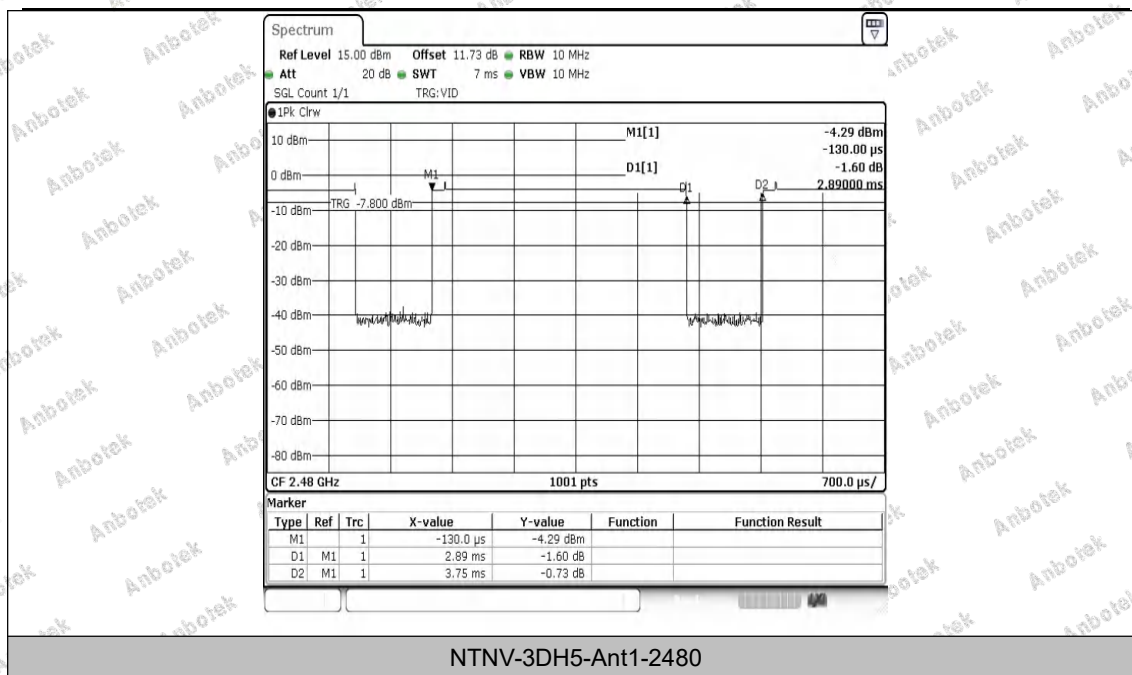


NTNV-3DH5-Ant1-2402



NTNV-3DH5-Ant1-2441





---END---

