

Appendix Test Data

Report No:	1818C40047912501	Test Sample NO:	1-2-2
Start Test Date:	2024.10.11	Finish Test Date:	2024.10.11
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	23.6℃	Relative Humidity:	51%
Pressure:	101 kPa		

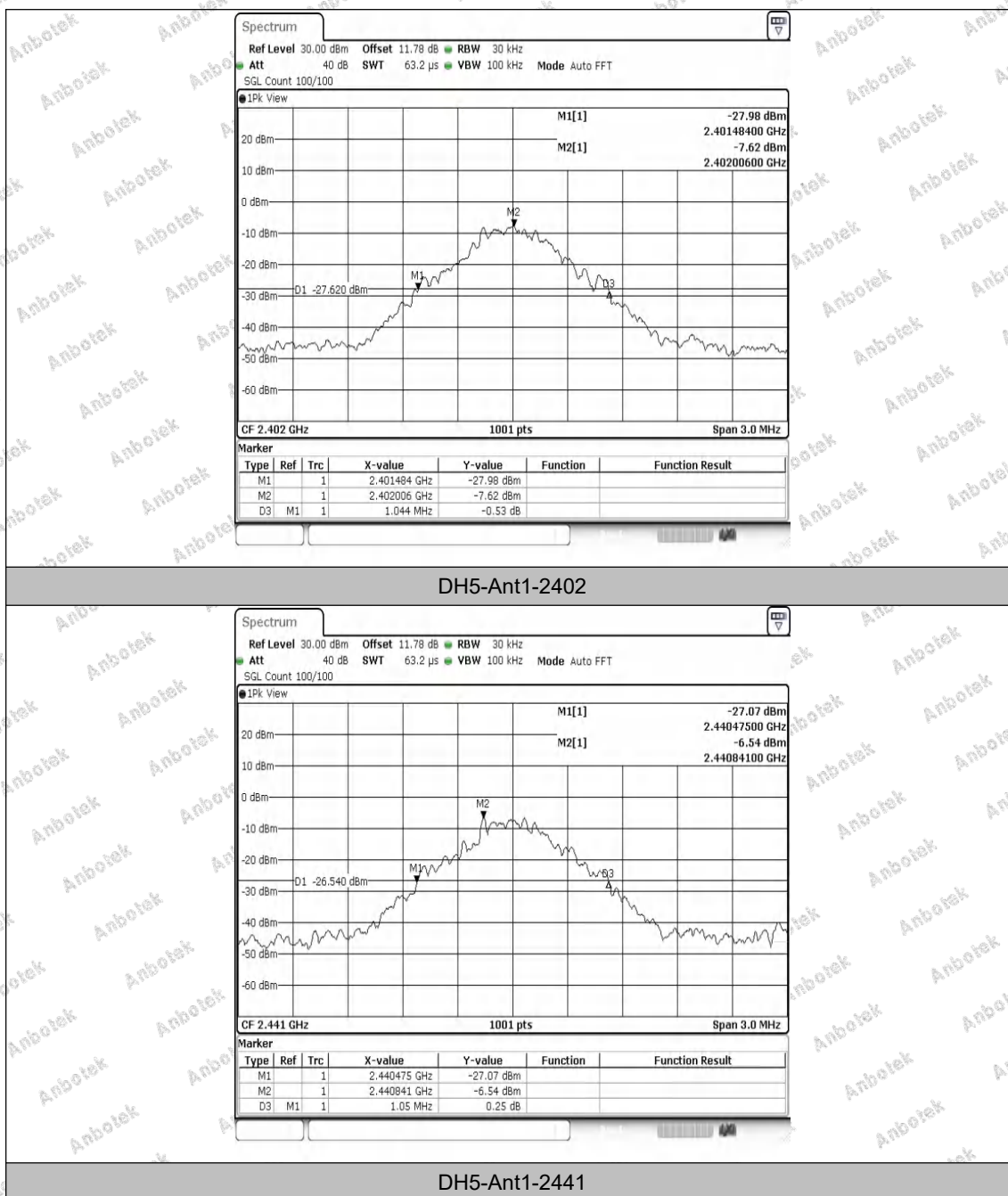
Appendix A: 20dB Emission Bandwidth

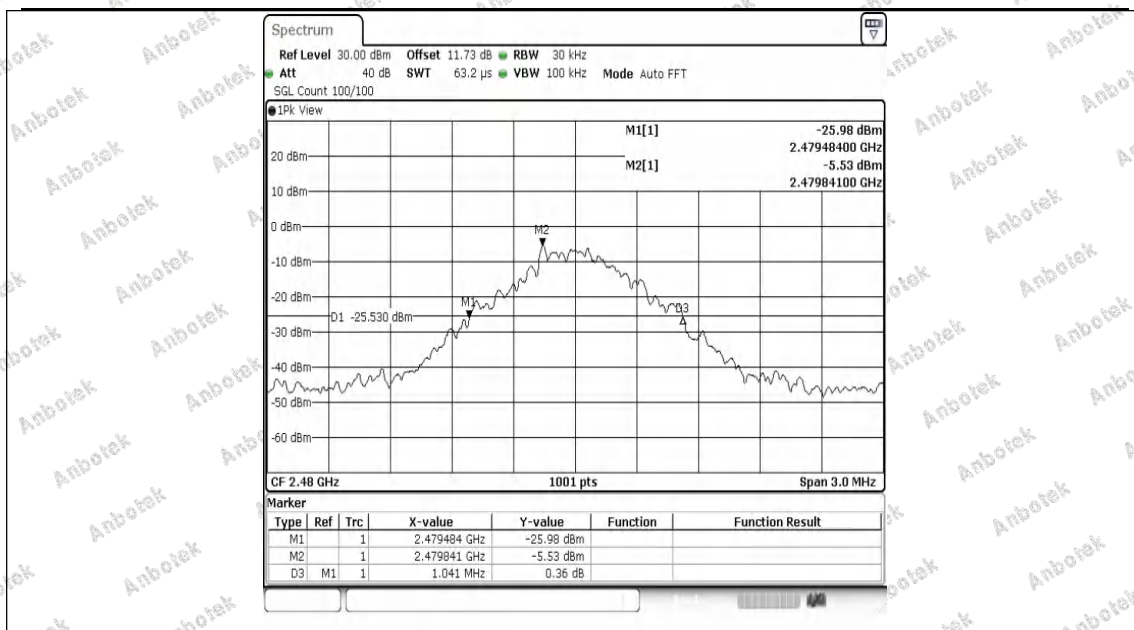
Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.04	2401.48	2402.53	---	---
DH5	Ant1	2441	1.05	2440.48	2441.53	---	---
DH5	Ant1	2480	1.04	2479.48	2480.53	---	---
2DH5	Ant1	2402	1.31	2401.36	2402.67	---	---
2DH5	Ant1	2441	1.34	2440.34	2441.68	---	---
2DH5	Ant1	2480	1.34	2479.34	2480.68	---	---
3DH5	Ant1	2402	1.31	2401.35	2402.66	---	---
3DH5	Ant1	2441	1.31	2440.35	2441.66	---	---
3DH5	Ant1	2480	1.28	2479.36	2480.64	---	---

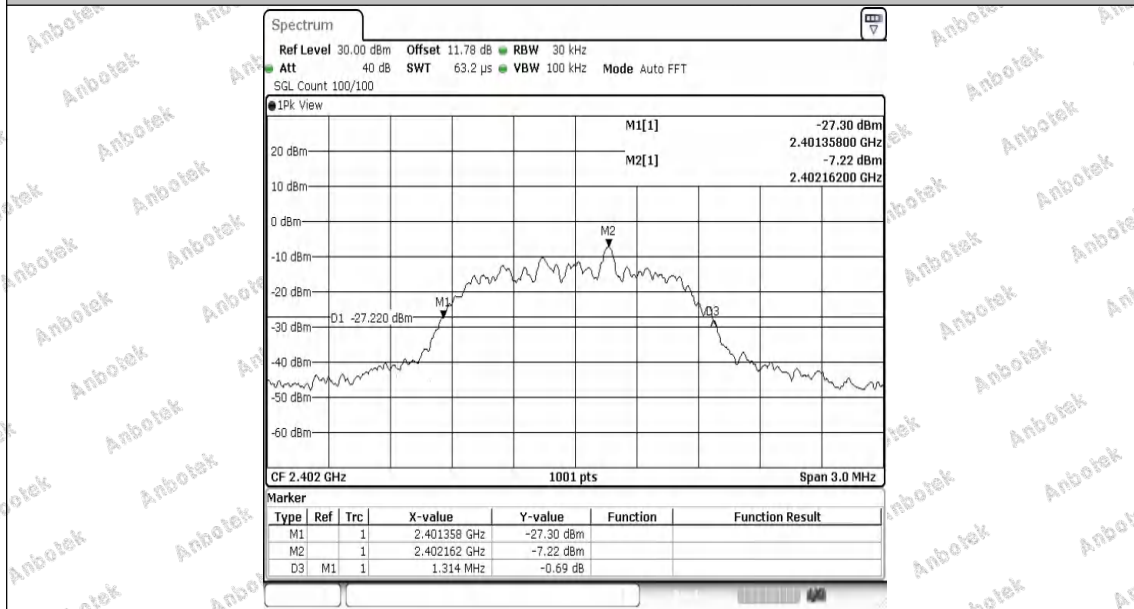


Test Graphs



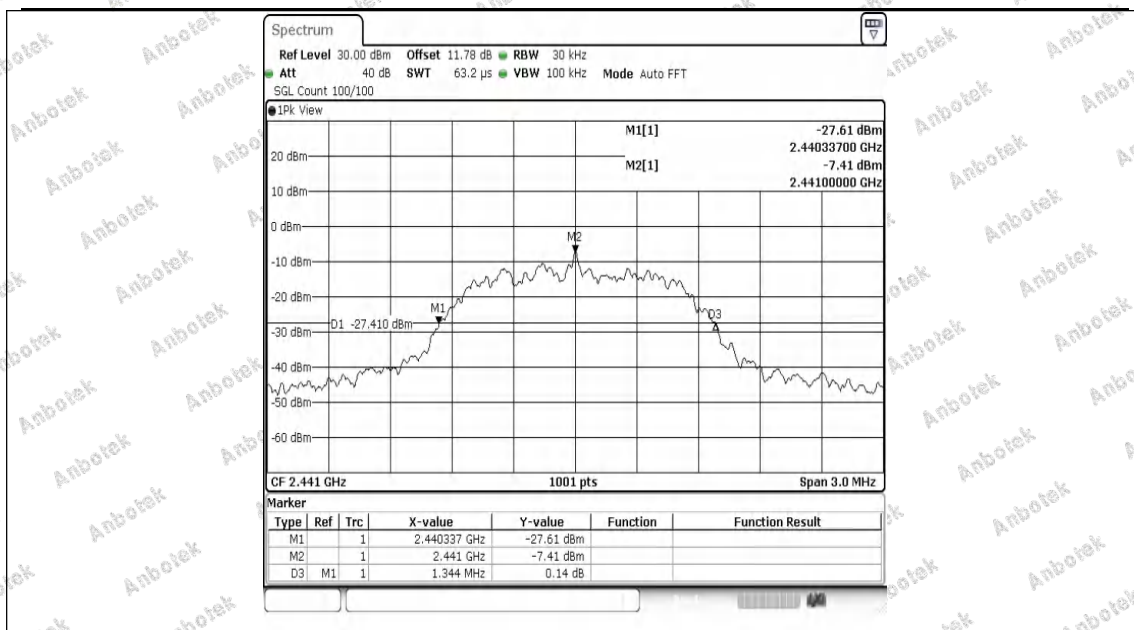


DH5-Ant1-2480

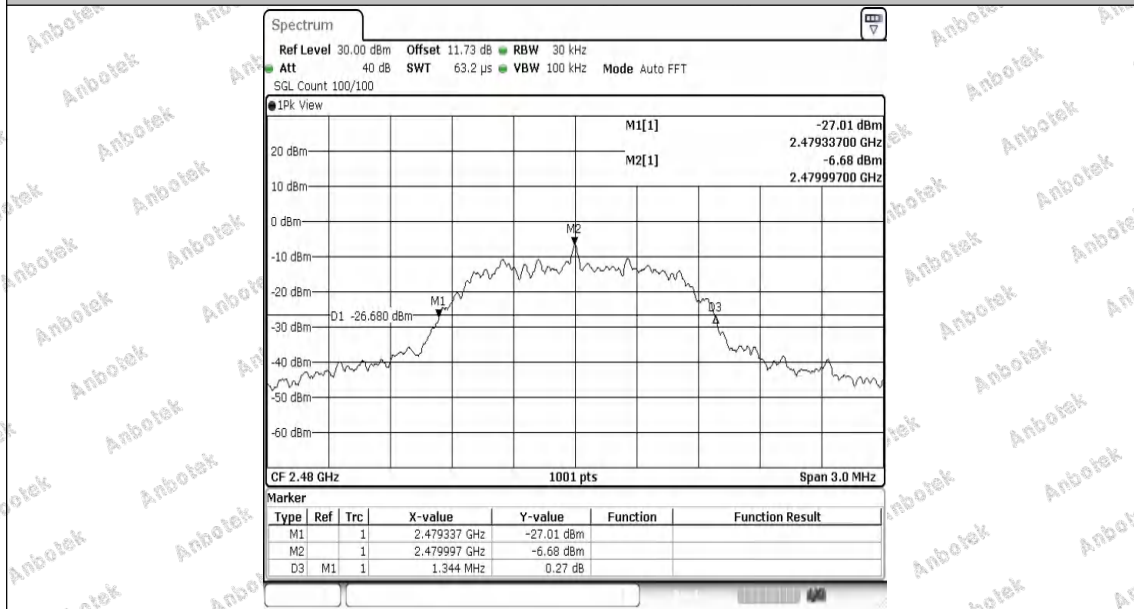


2DH5-Ant1-2402



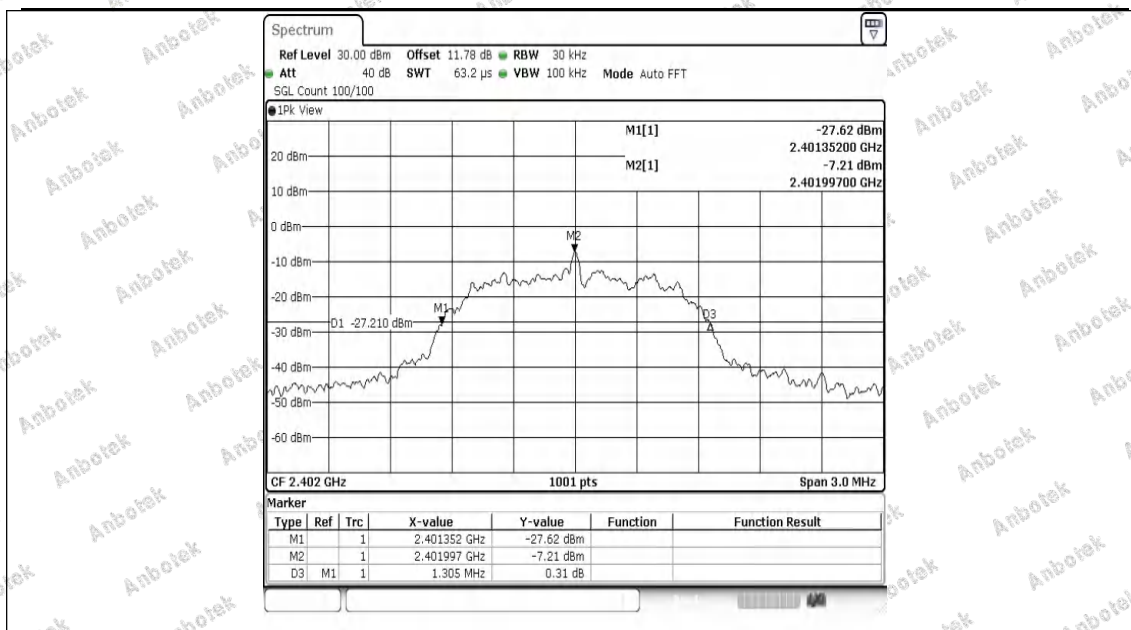


2DH5-Ant1-2441

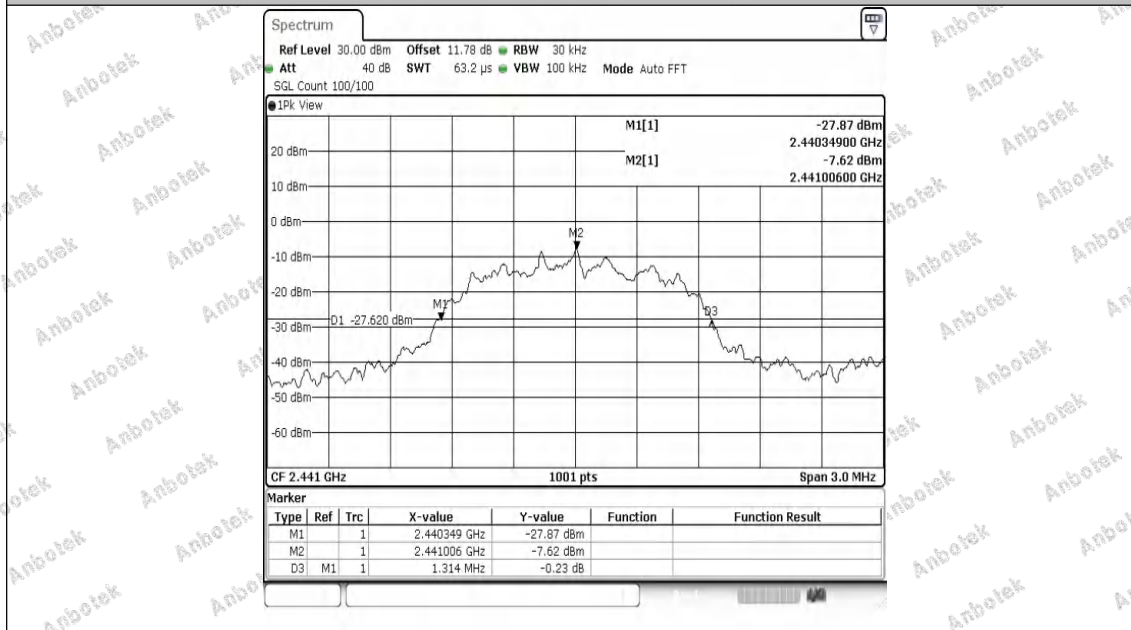


2DH5-Ant1-2480





3DH5-Ant1-2402



3DH5-Ant1-2441





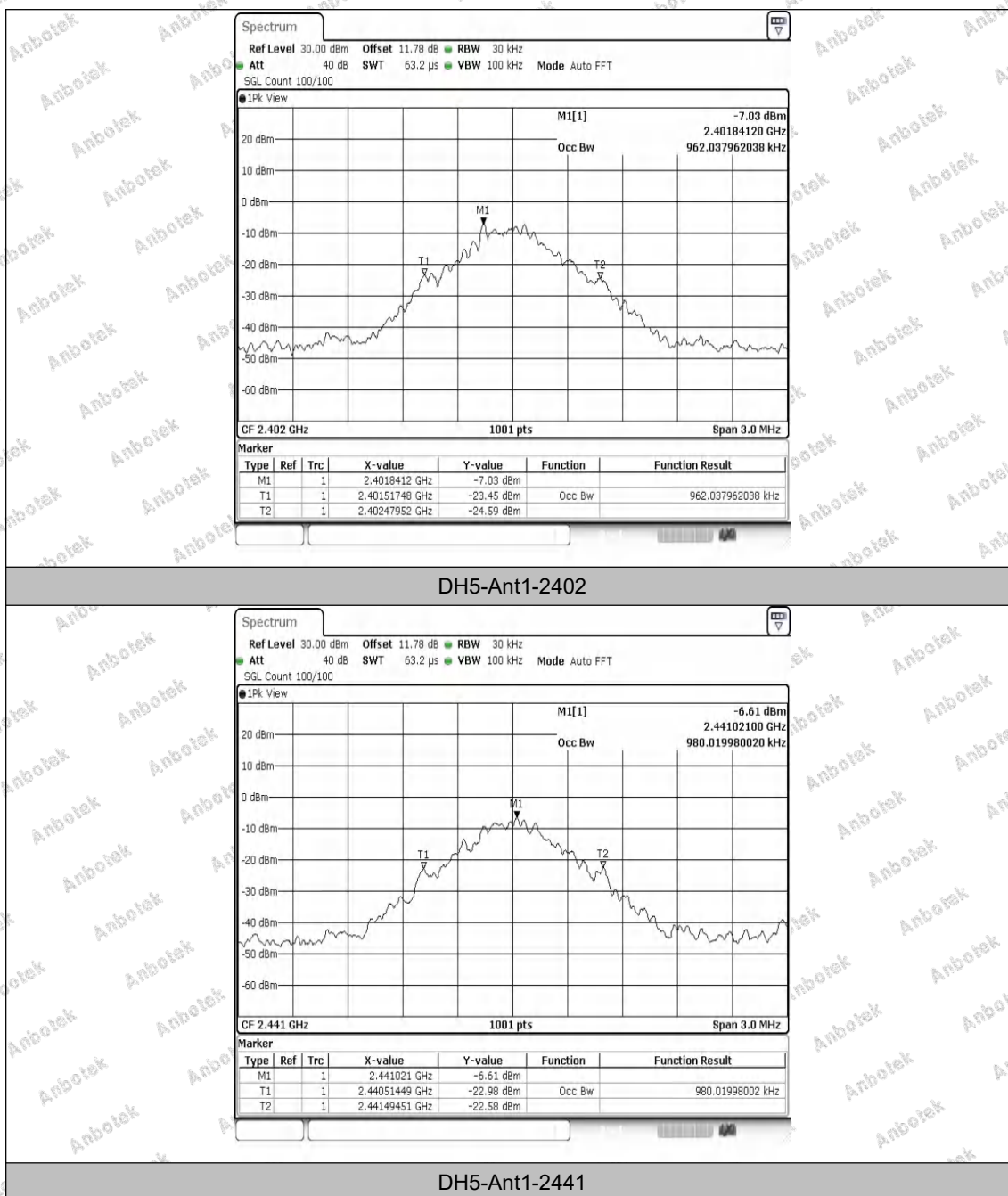
Appendix B: Occupied Channel Bandwidth

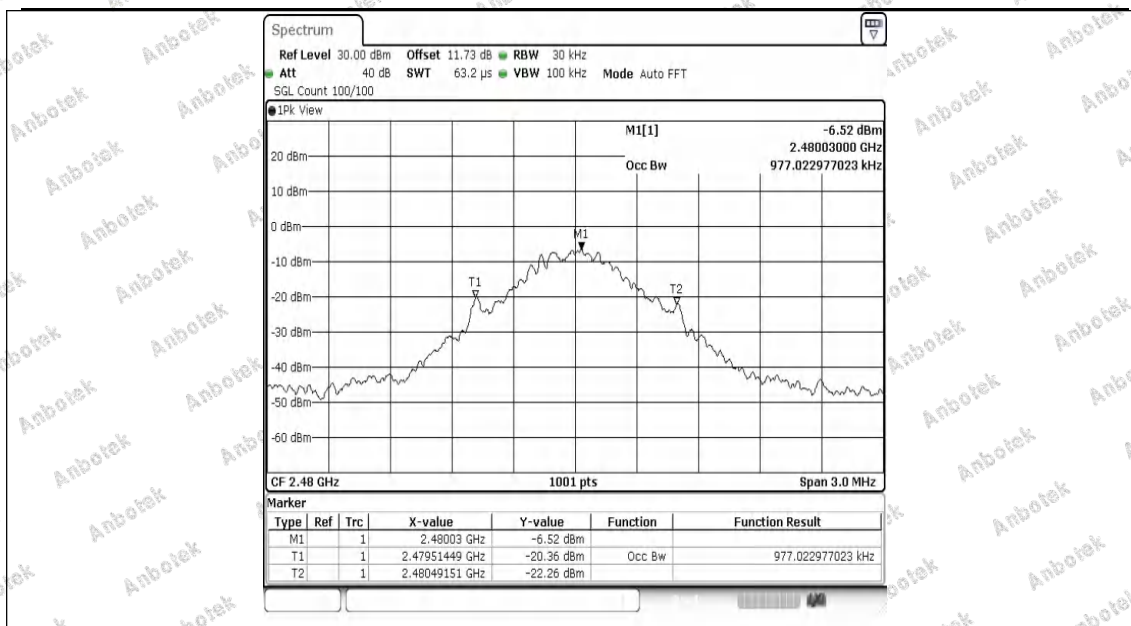
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.962	2401.5175	2402.4795	---	---
DH5	Ant1	2441	0.98	2440.5145	2441.4945	---	---
DH5	Ant1	2480	0.977	2479.5145	2480.4915	---	---
2DH5	Ant1	2402	1.238	2401.3886	2402.6264	---	---
2DH5	Ant1	2441	1.229	2440.4006	2441.6294	---	---
2DH5	Ant1	2480	1.226	2479.3916	2480.6174	---	---
3DH5	Ant1	2402	1.229	2401.3856	2402.6144	---	---
3DH5	Ant1	2441	1.235	2440.3826	2441.6174	---	---
3DH5	Ant1	2480	1.235	2479.3856	2480.6204	---	---

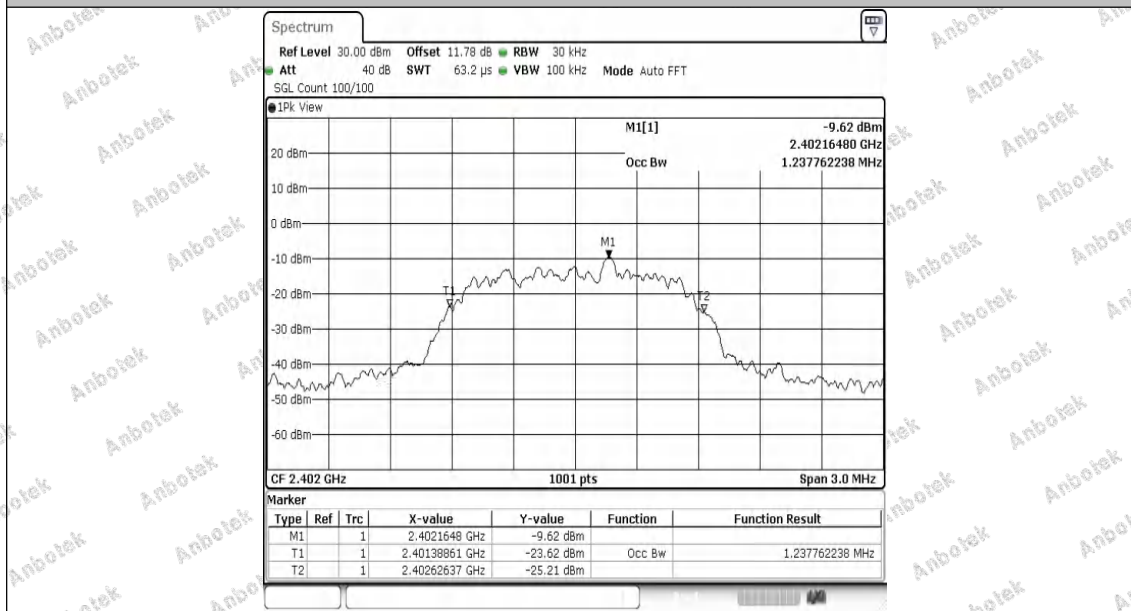


Test Graphs



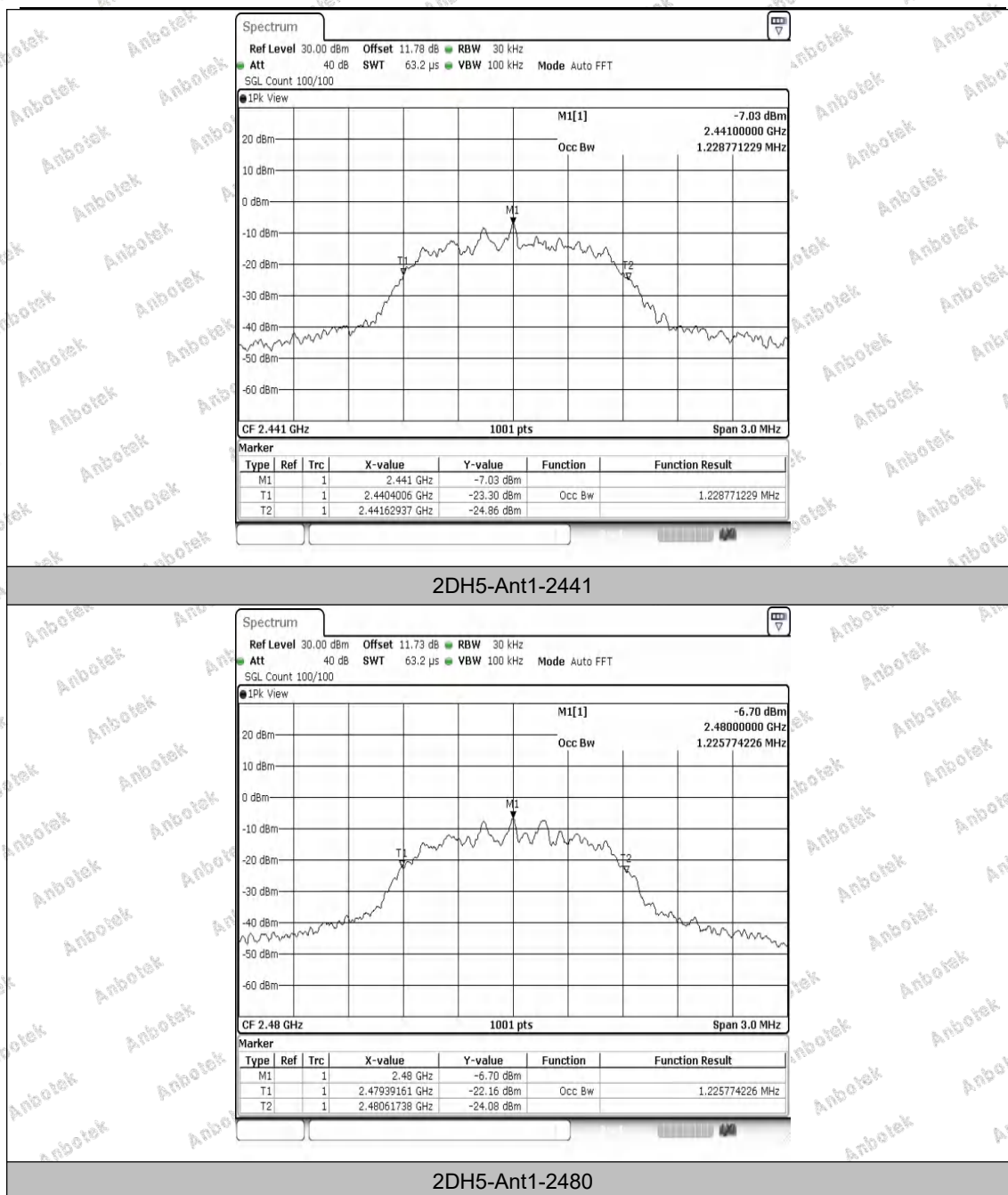


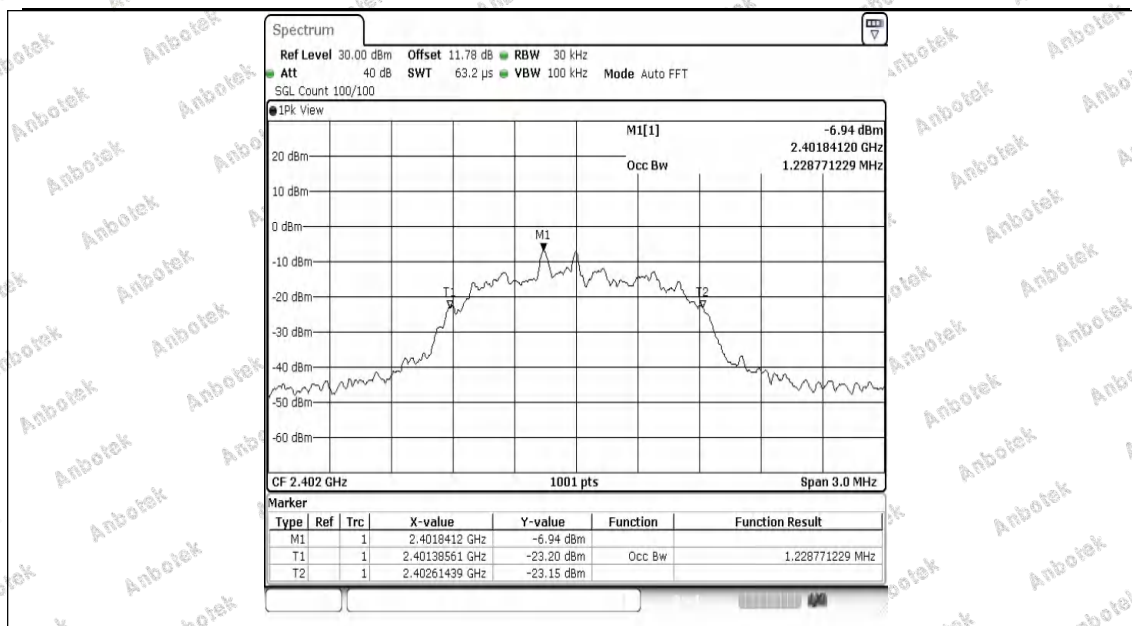
DH5-Ant1-2480



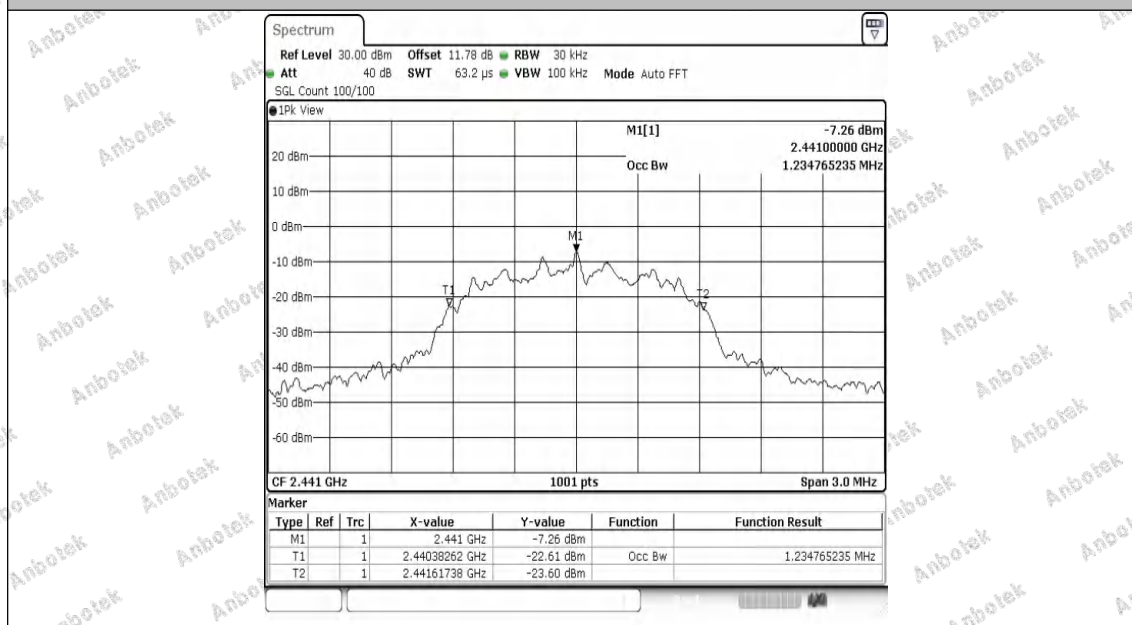
2DH5-Ant1-2402





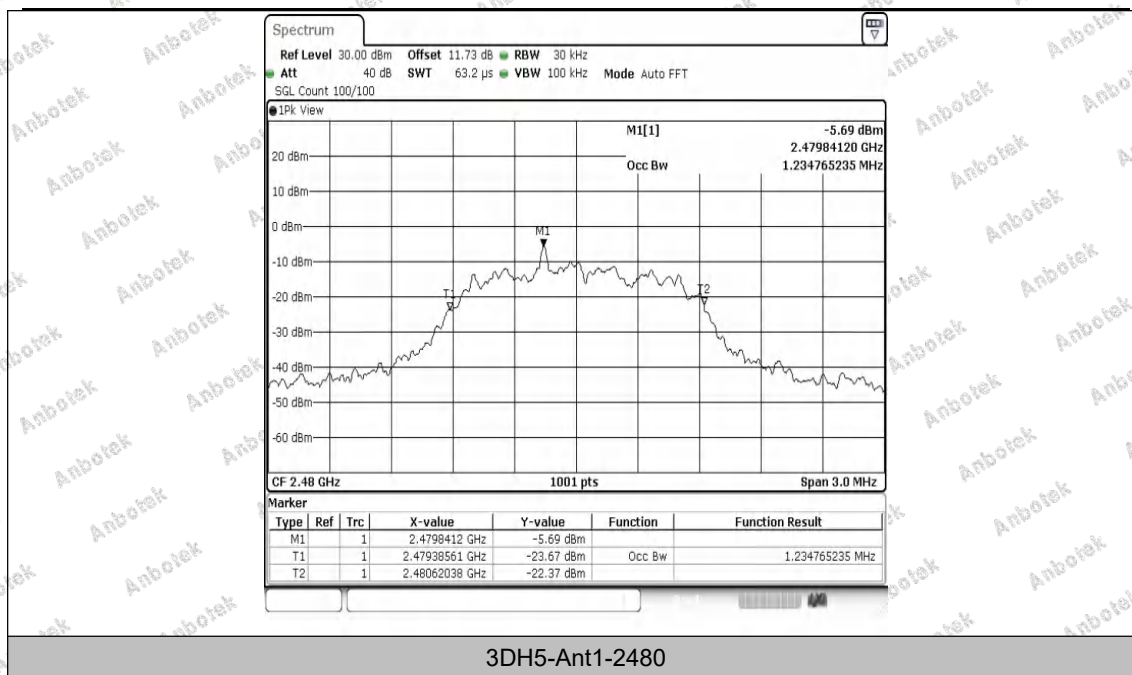


3DH5-Ant1-2402



3DH5-Ant1-2441





Appendix C: Maximum conducted output power

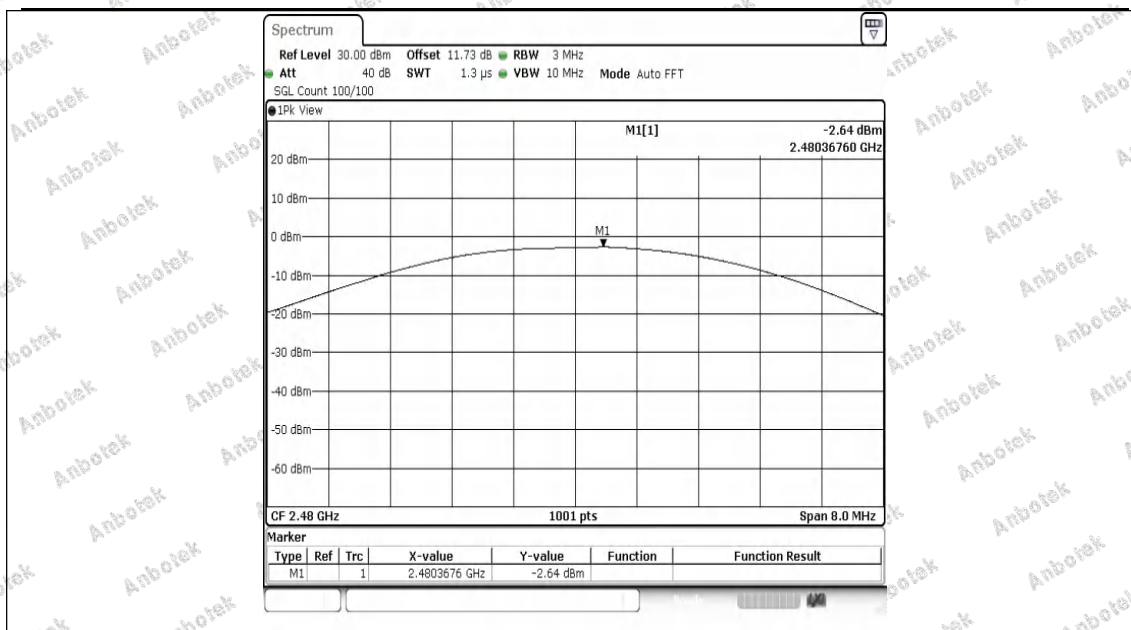
Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-3.83	≤20.97	PASS
DH5	Ant1	2441	-4.25	≤20.97	PASS
DH5	Ant1	2480	-2.64	≤20.97	PASS
2DH5	Ant1	2402	-3.21	≤20.97	PASS
2DH5	Ant1	2441	-2.64	≤20.97	PASS
2DH5	Ant1	2480	-2.40	≤20.97	PASS
3DH5	Ant1	2402	-3.35	≤20.97	PASS
3DH5	Ant1	2441	-2.68	≤20.97	PASS
3DH5	Ant1	2480	-1.89	≤20.97	PASS

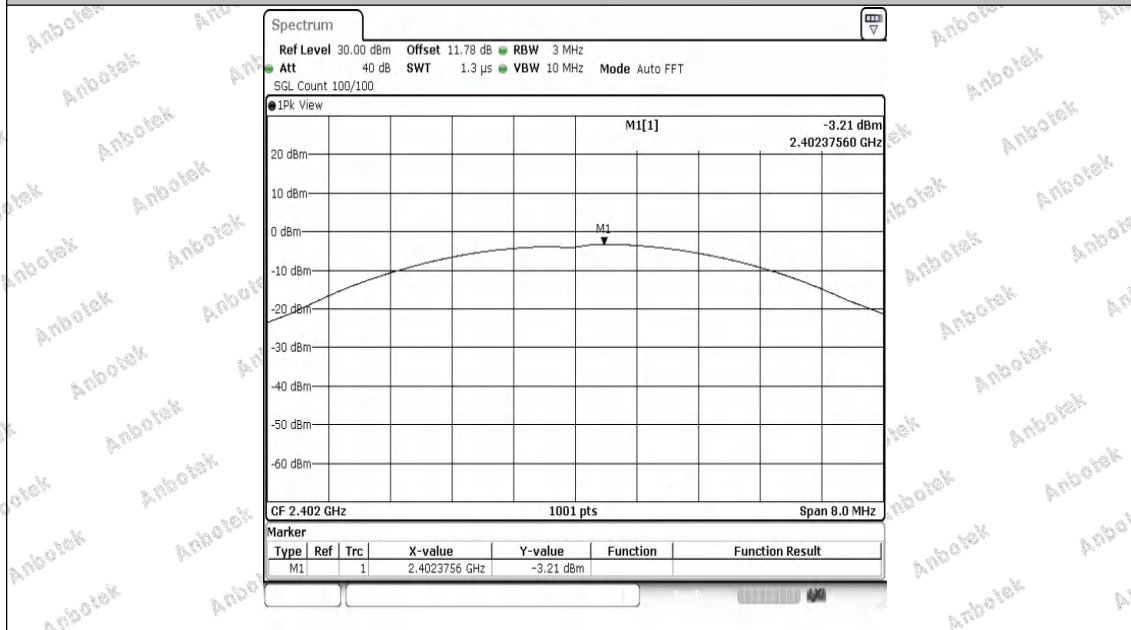


Test Graphs



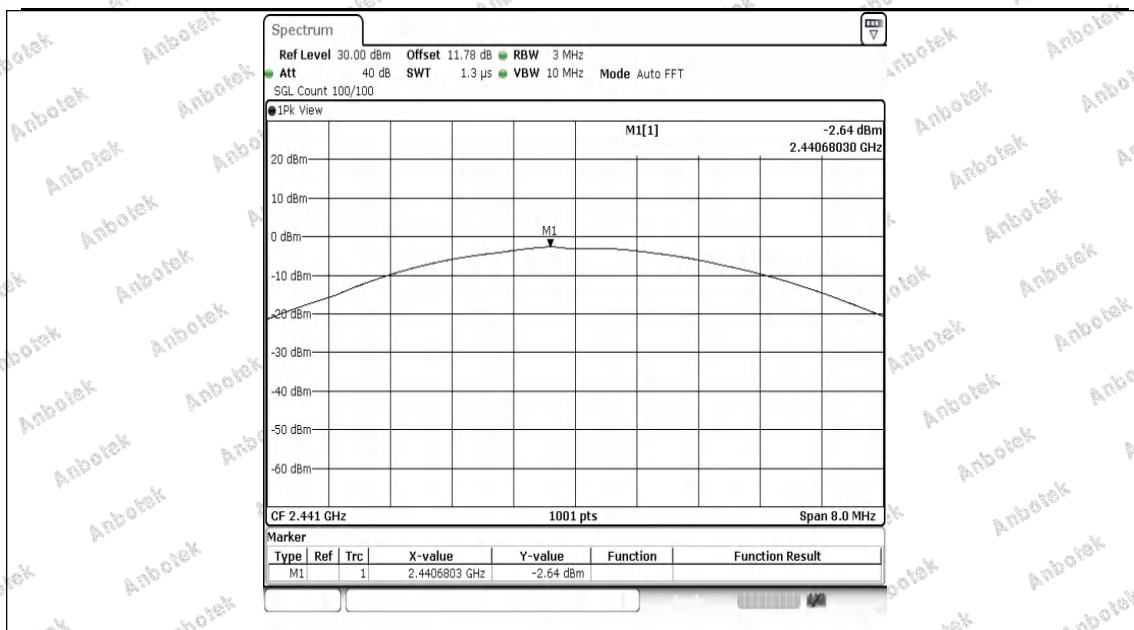


DH5-Ant1-2480-PASS

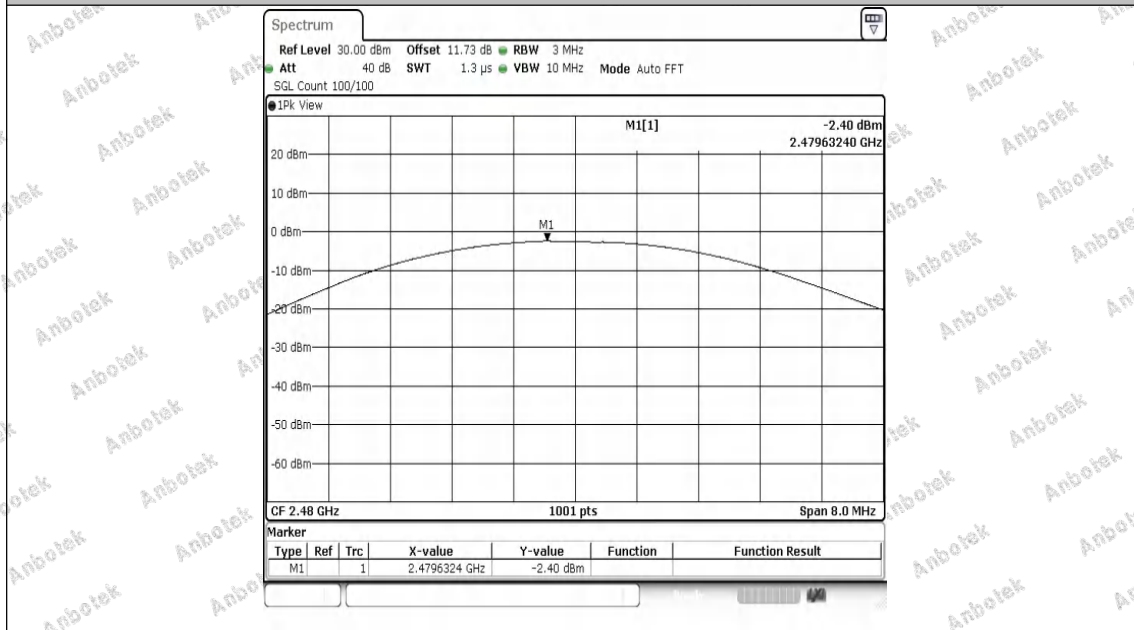


2DH5-Ant1-2402-PASS



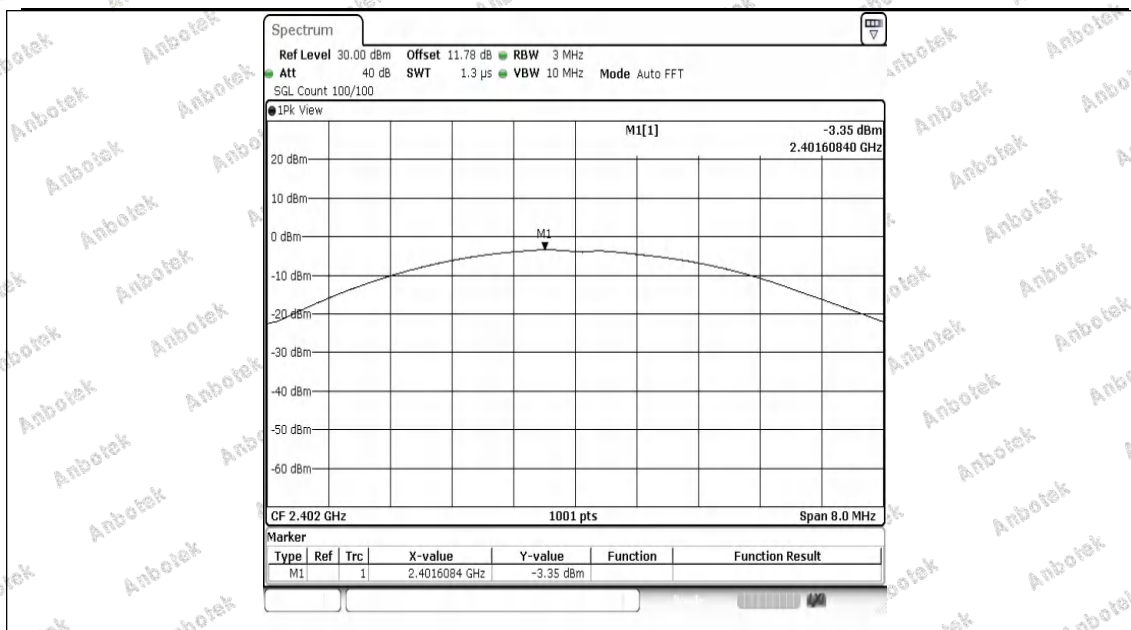


2DH5-Ant1-2441-PASS

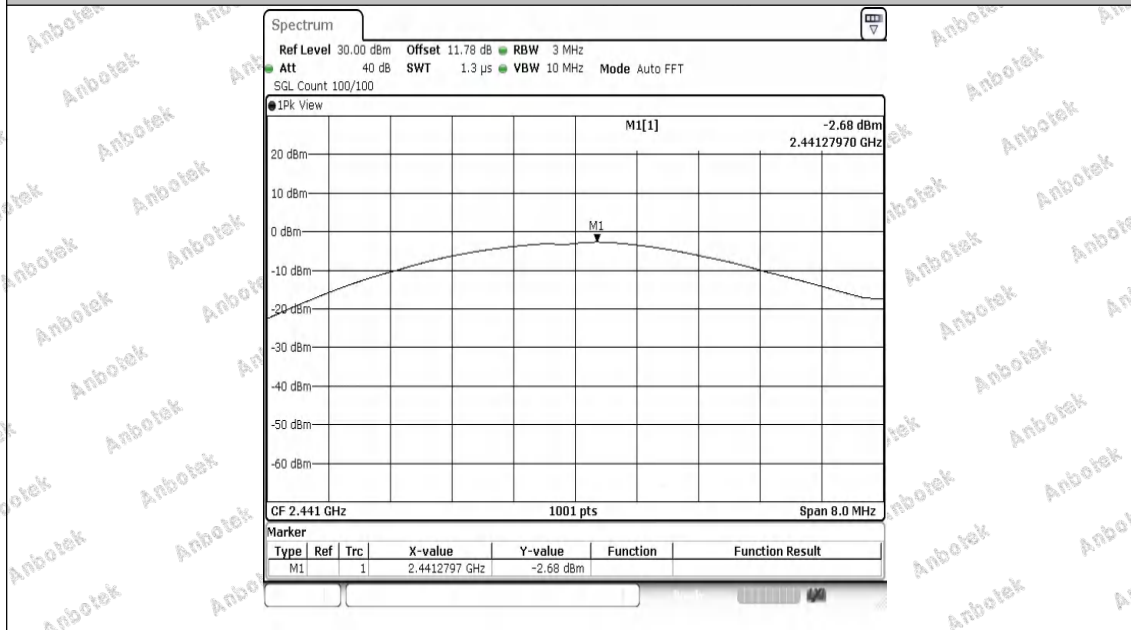


2DH5-Ant1-2480-PASS



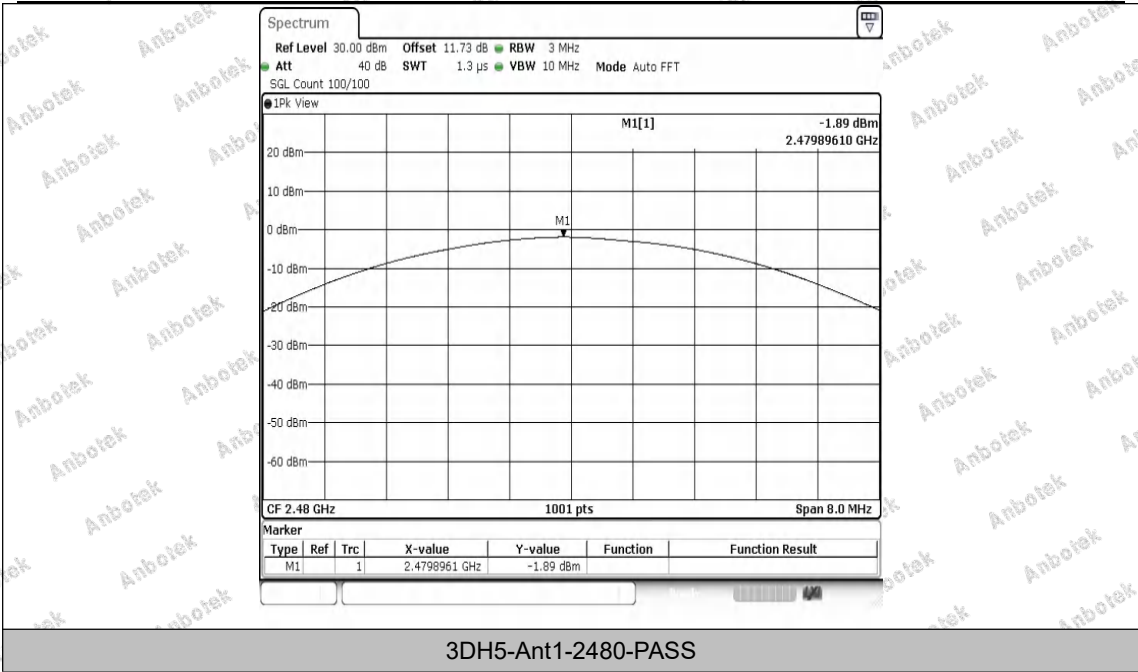


3DH5-Ant1-2402-PASS



3DH5-Ant1-2441-PASS





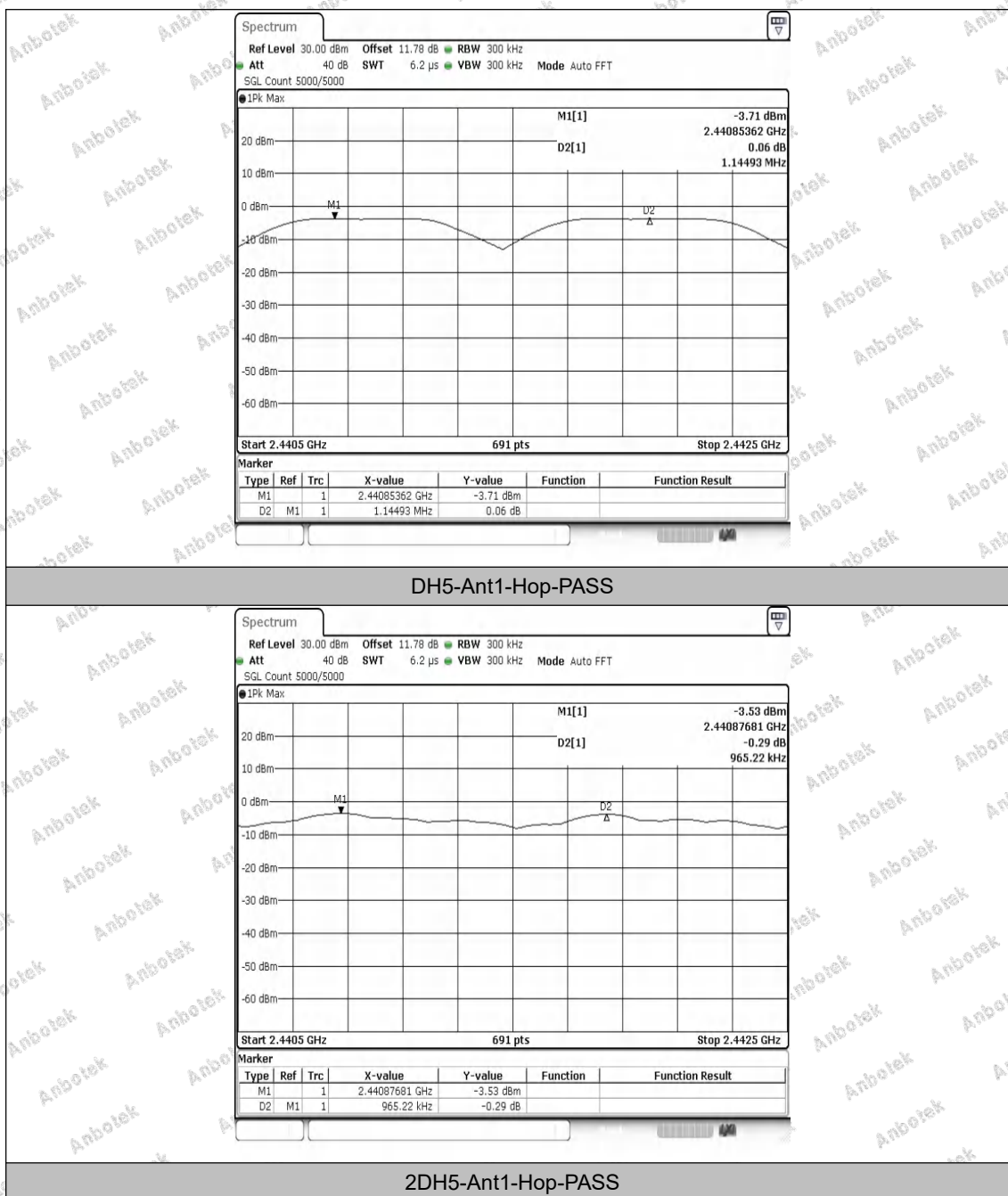
Appendix D: Carrier frequency separation

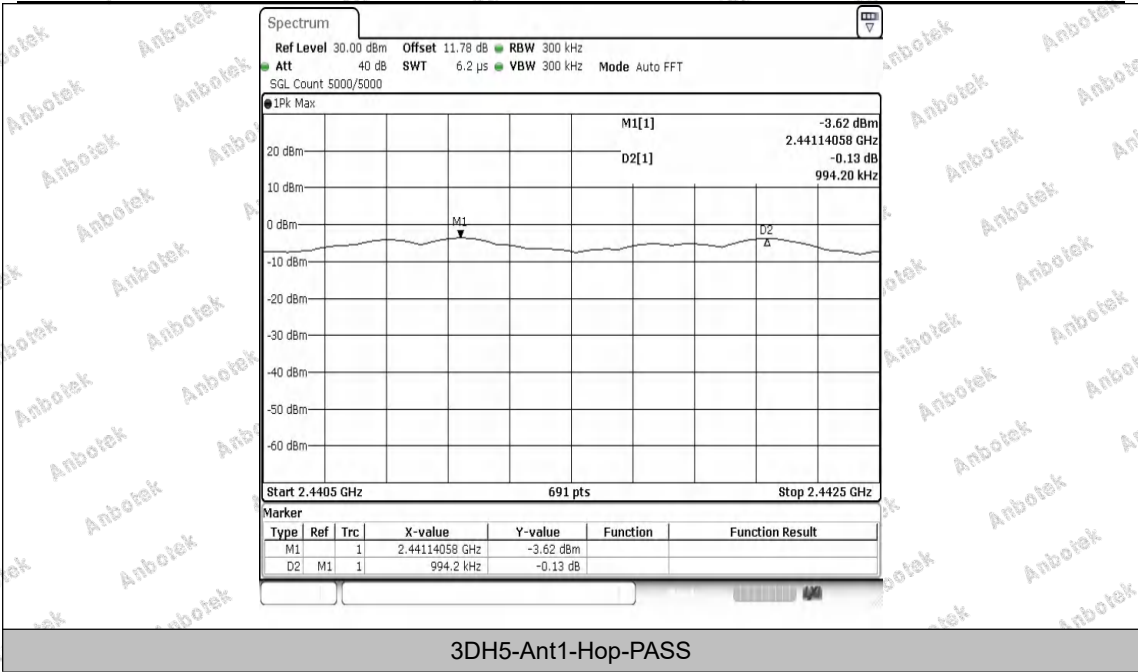
Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.145	≥0.700	PASS
2DH5	Ant1	Hop	0.965	≥0.893	PASS
3DH5	Ant1	Hop	0.994	≥0.873	PASS



Test Graphs





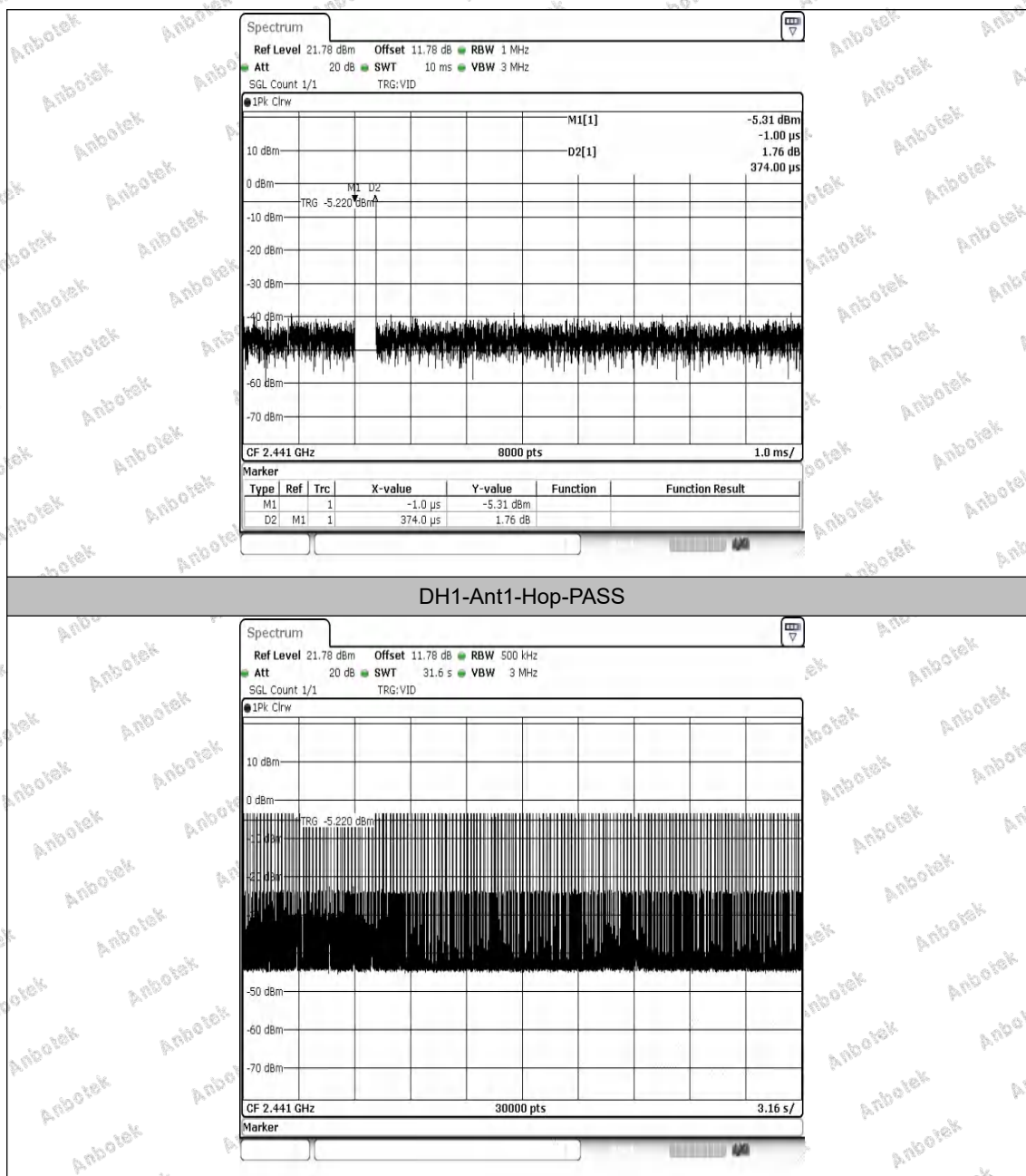
Appendix E: Time of occupancy

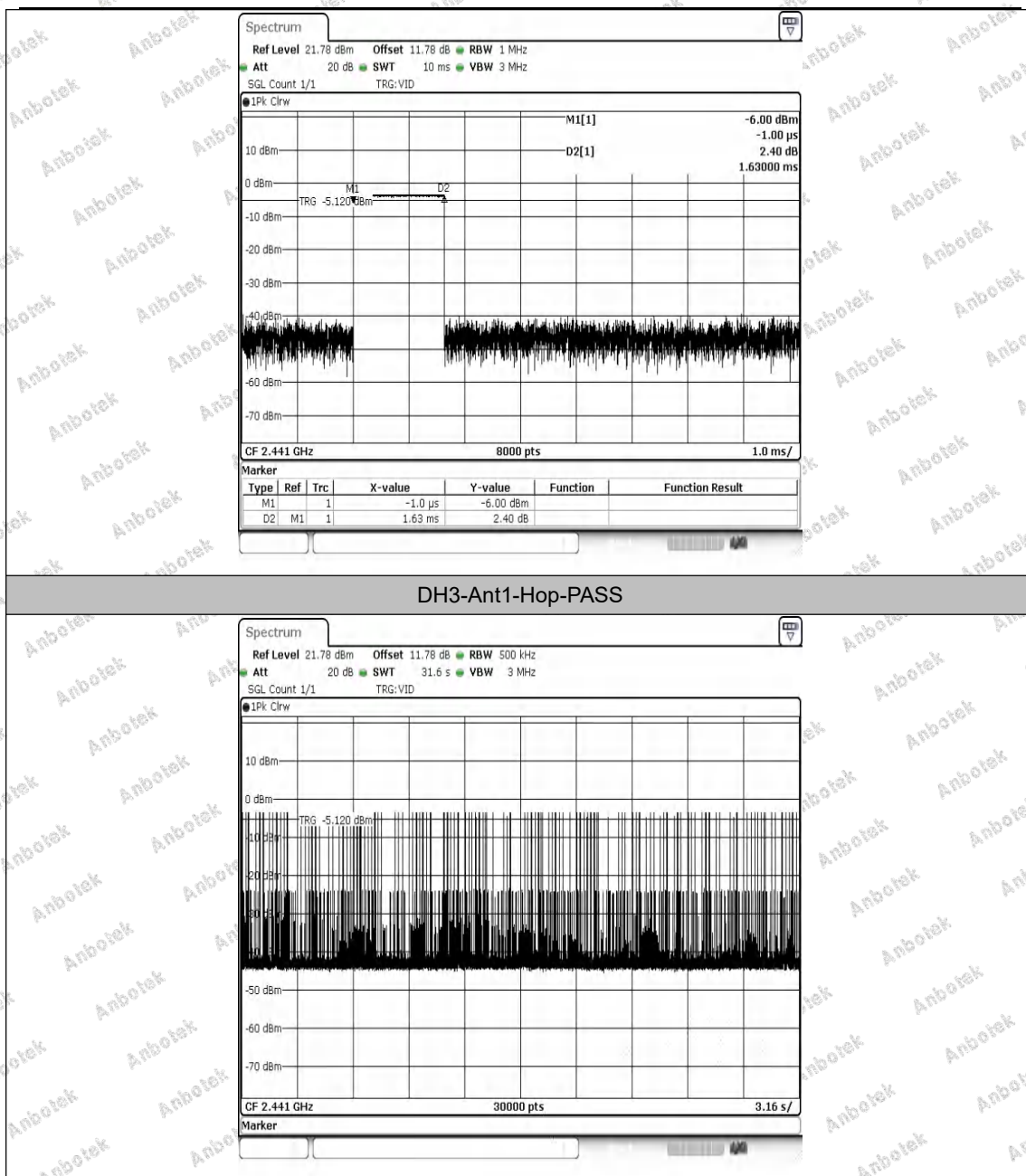
Test Result

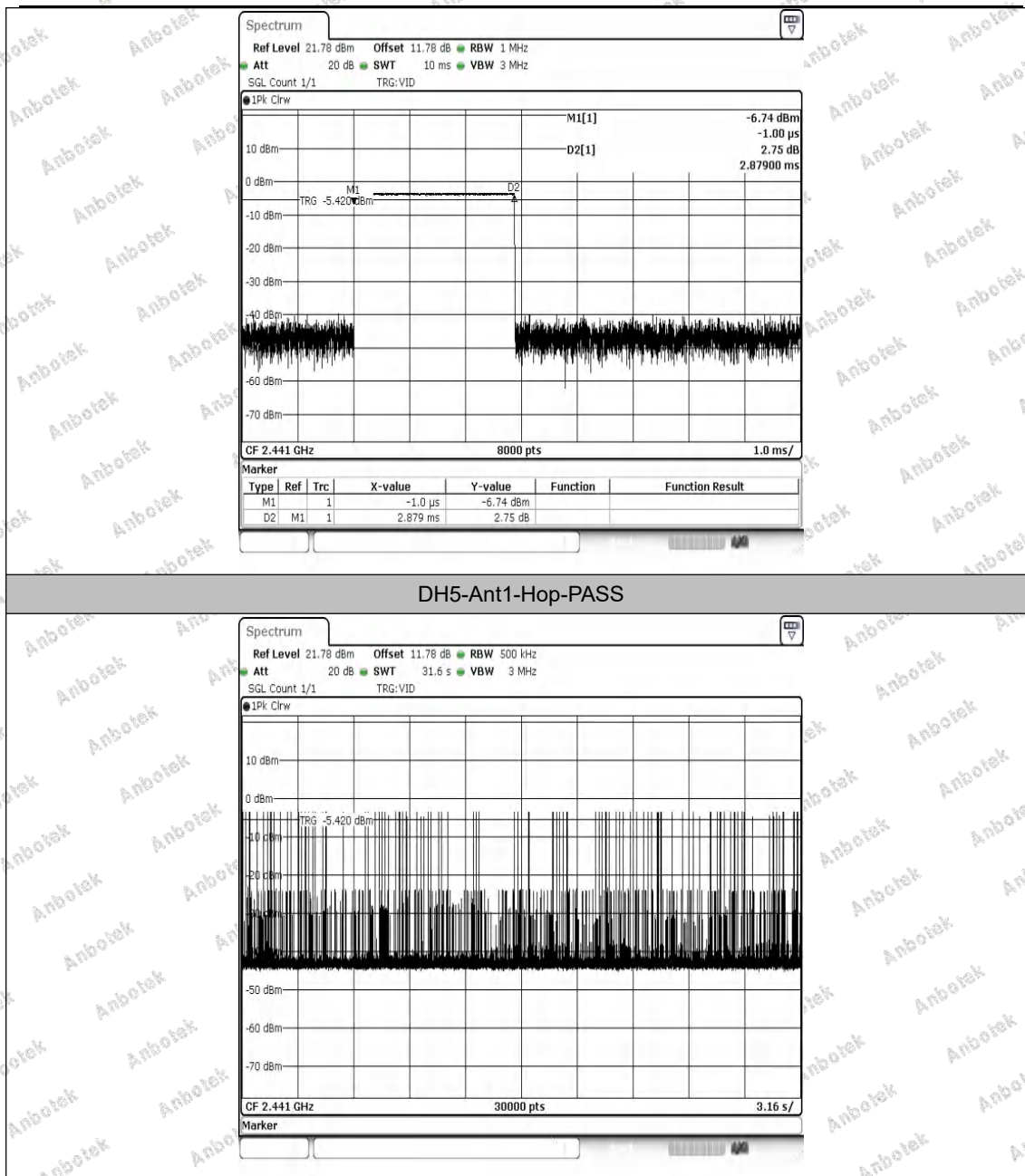
TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.374	319	0.119	≤0.4	PASS
DH3	Ant1	Hop	1.630	162	0.264	≤0.4	PASS
DH5	Ant1	Hop	2.879	107	0.308	≤0.4	PASS
2DH1	Ant1	Hop	0.384	320	0.123	≤0.4	PASS
2DH3	Ant1	Hop	1.638	152	0.249	≤0.4	PASS
2DH5	Ant1	Hop	2.885	99	0.286	≤0.4	PASS
3DH1	Ant1	Hop	0.385	317	0.122	≤0.4	PASS
3DH3	Ant1	Hop	1.635	162	0.265	≤0.4	PASS
3DH5	Ant1	Hop	2.887	119	0.344	≤0.4	PASS

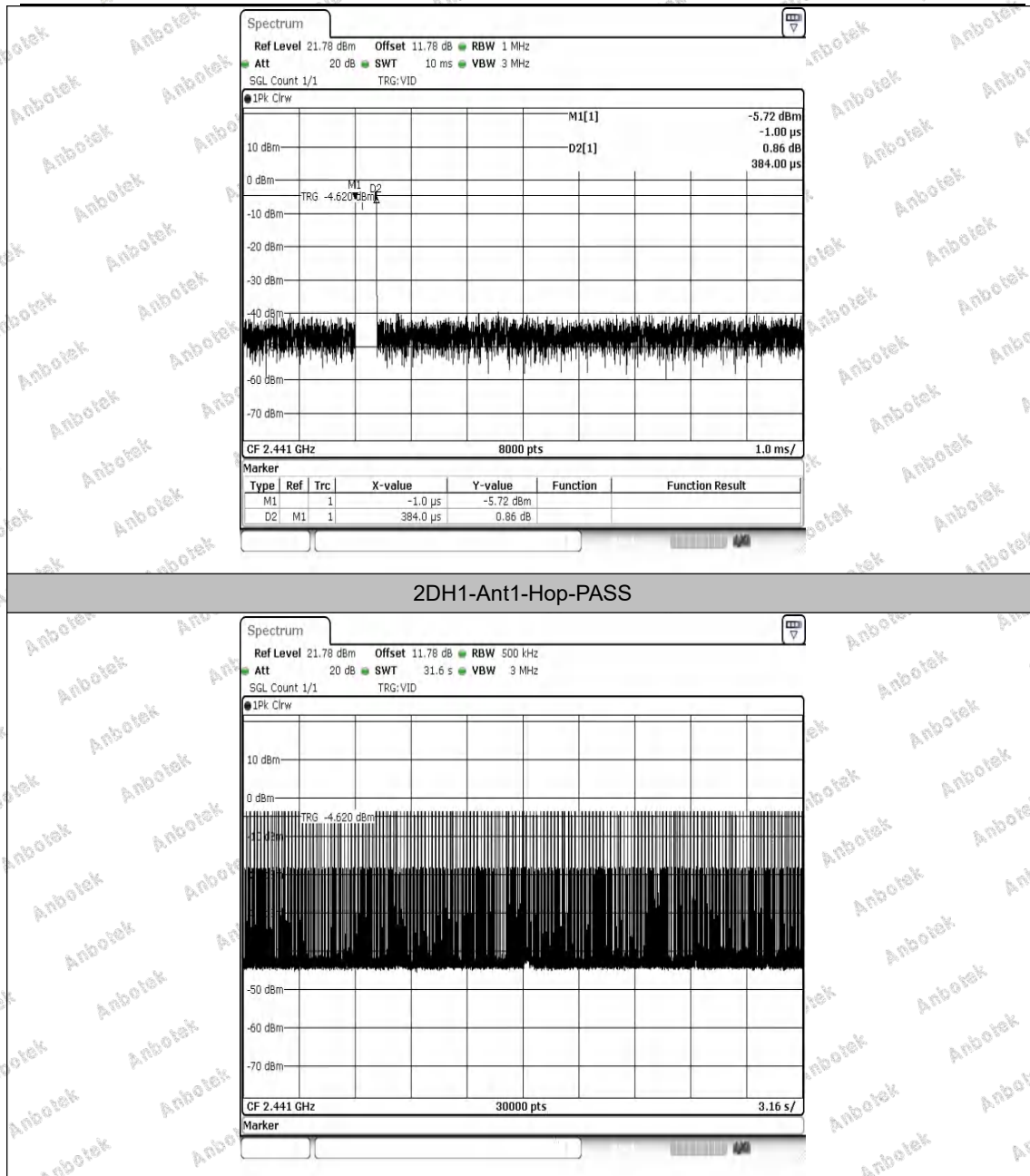


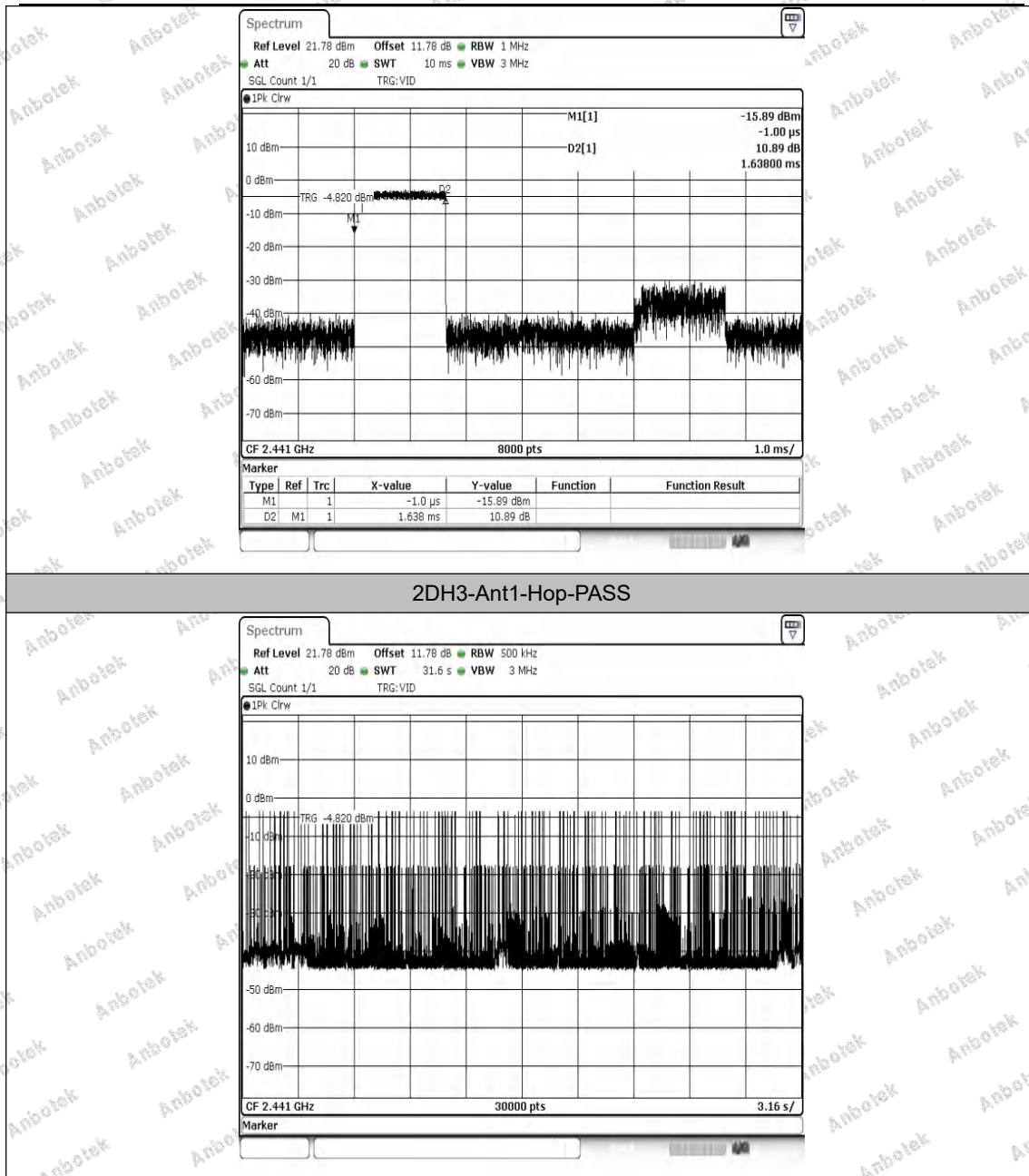
Test Graphs

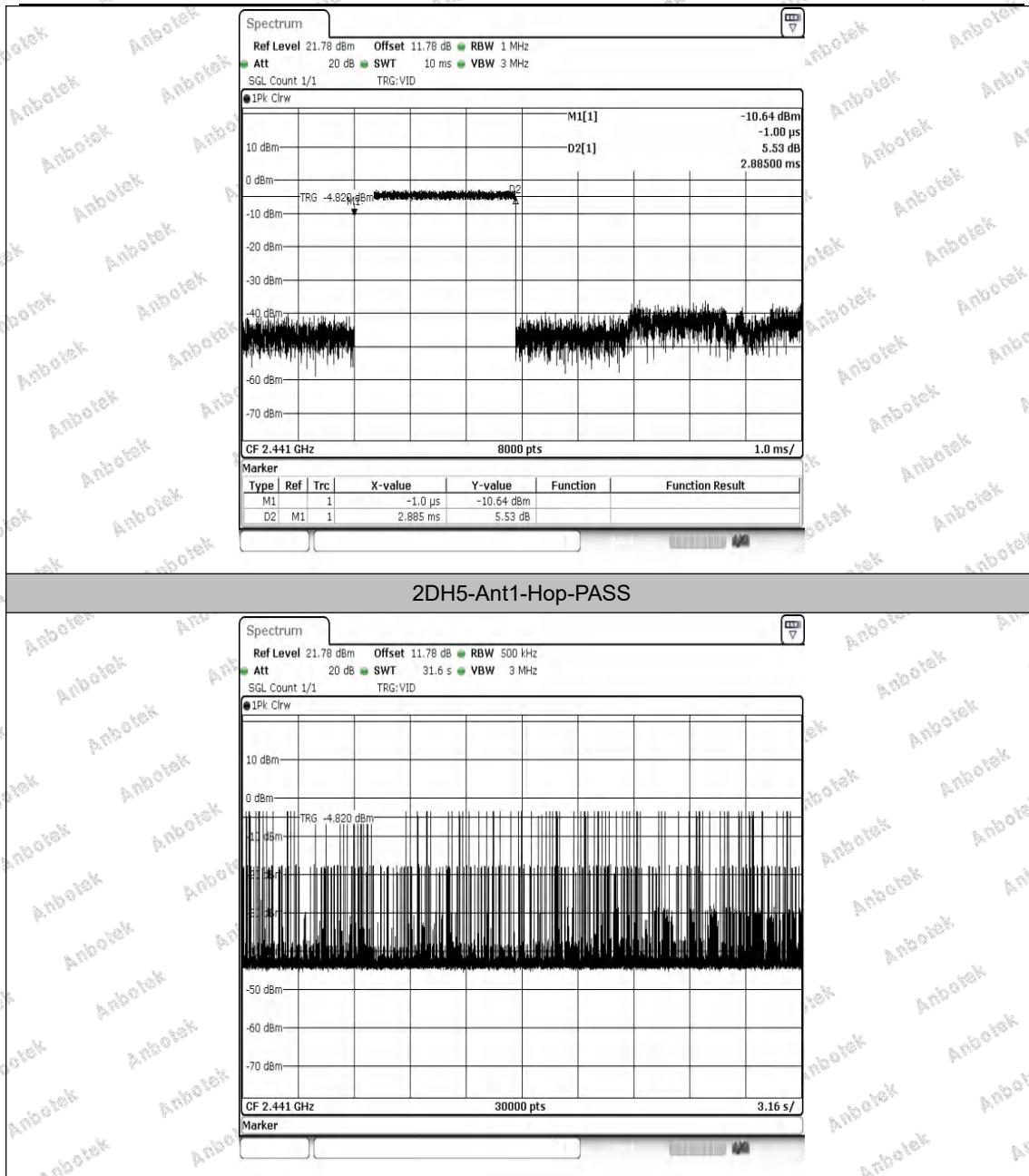


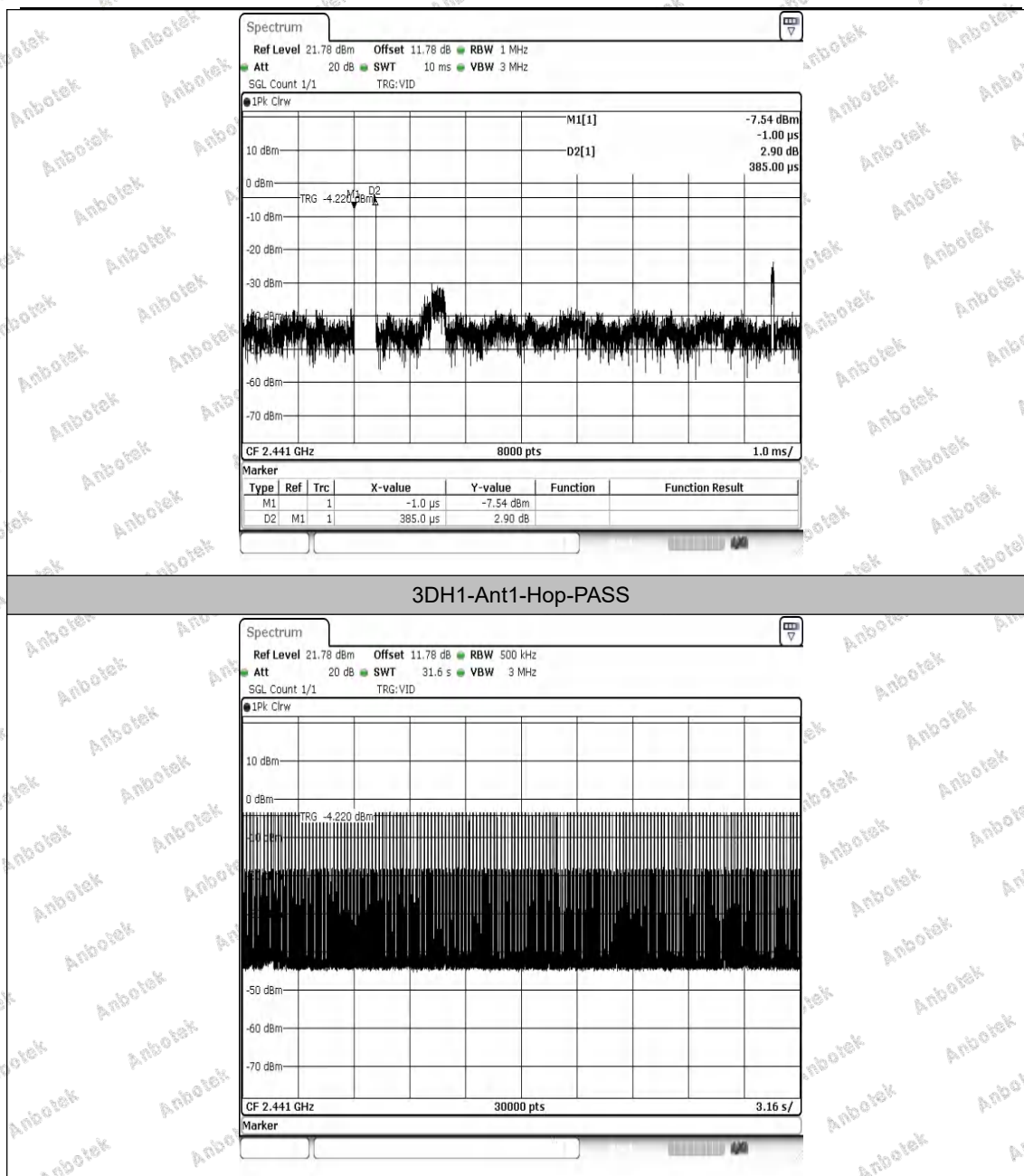


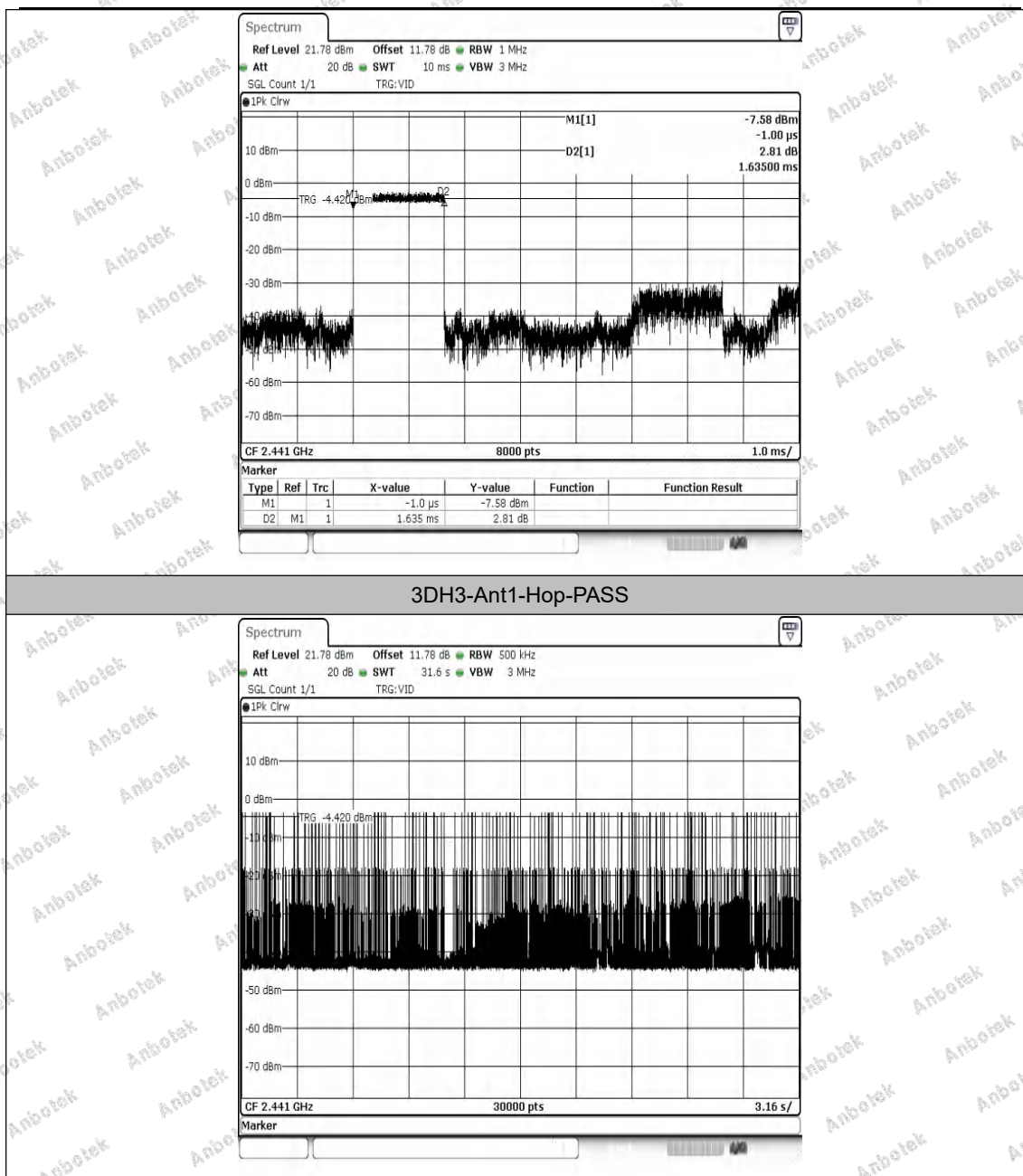


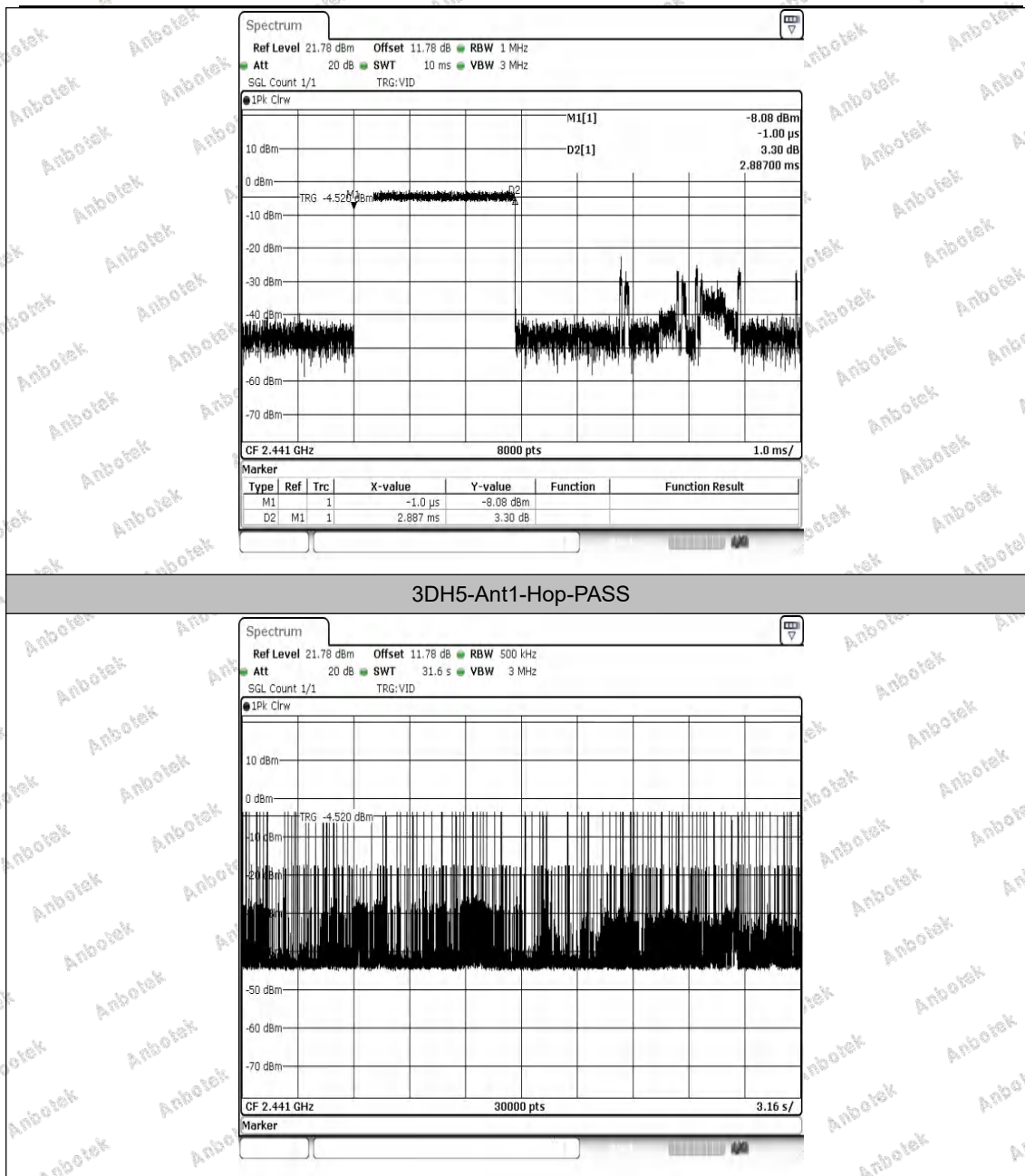












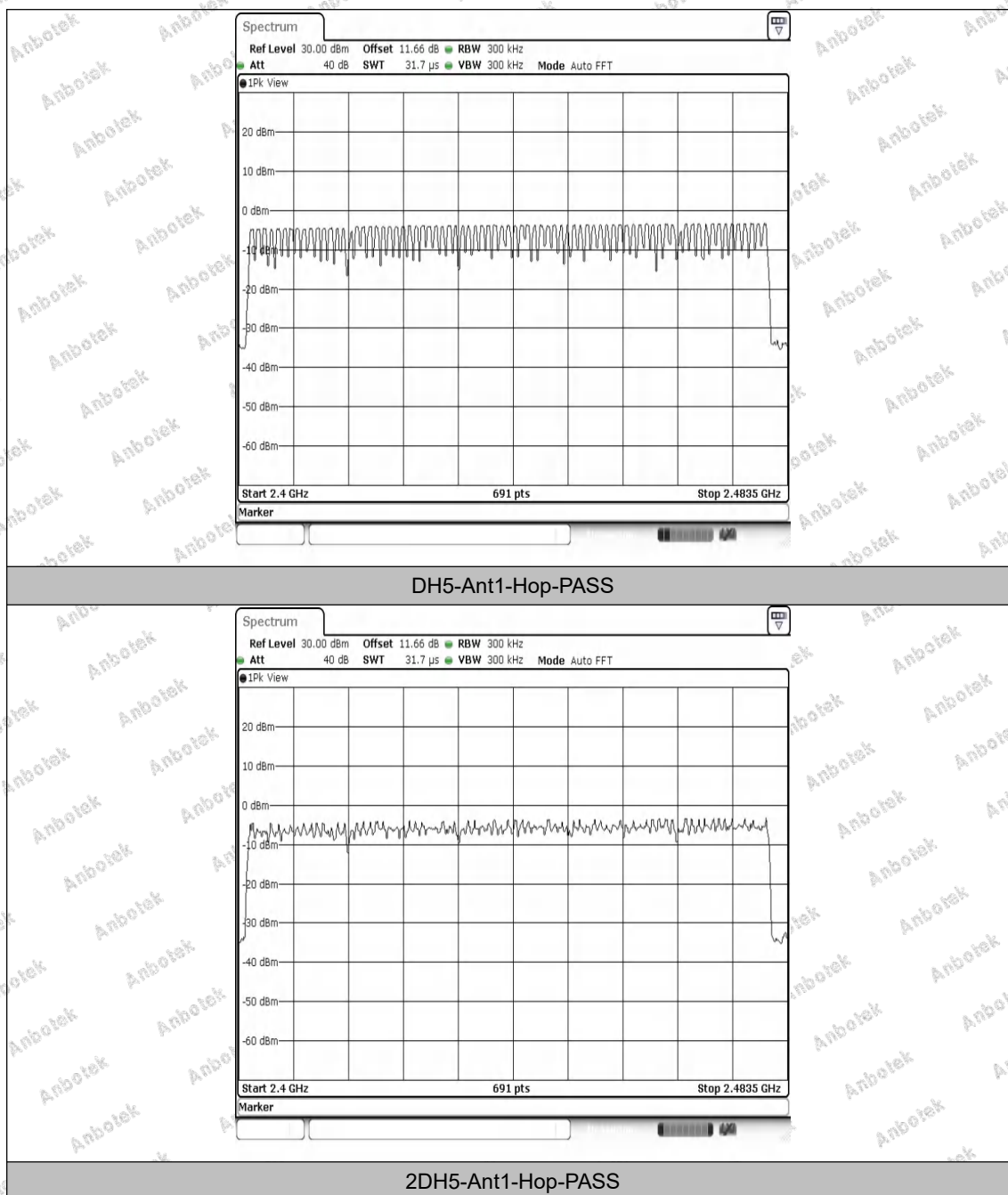
Appendix F: Number of hopping channels

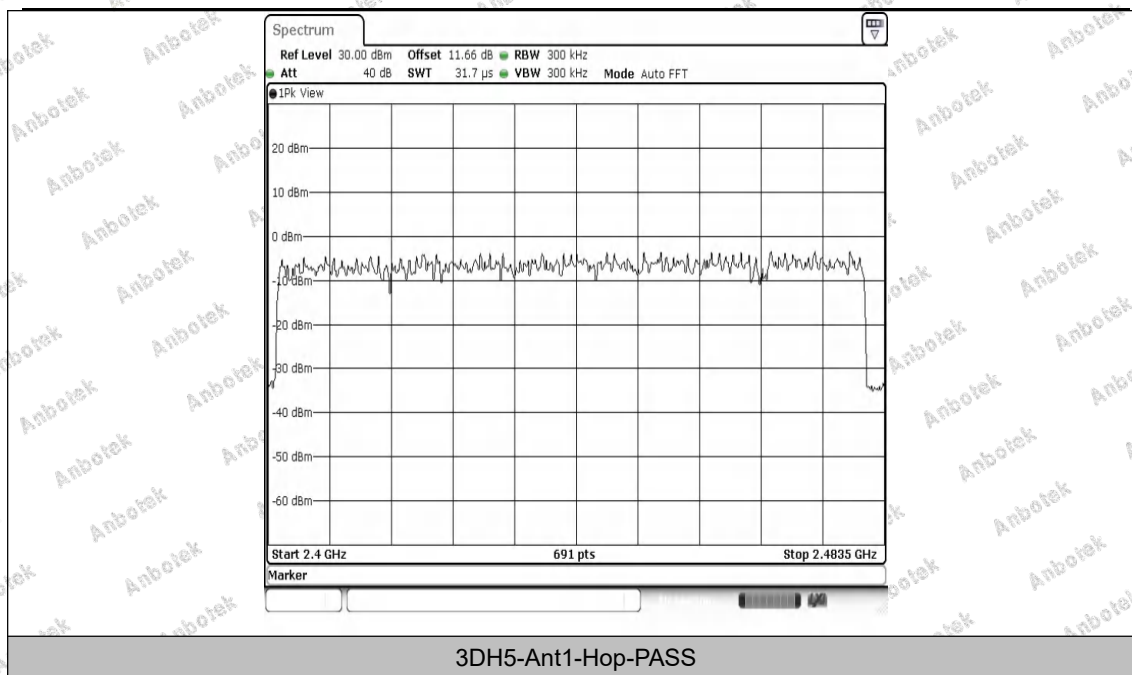
Test Result

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





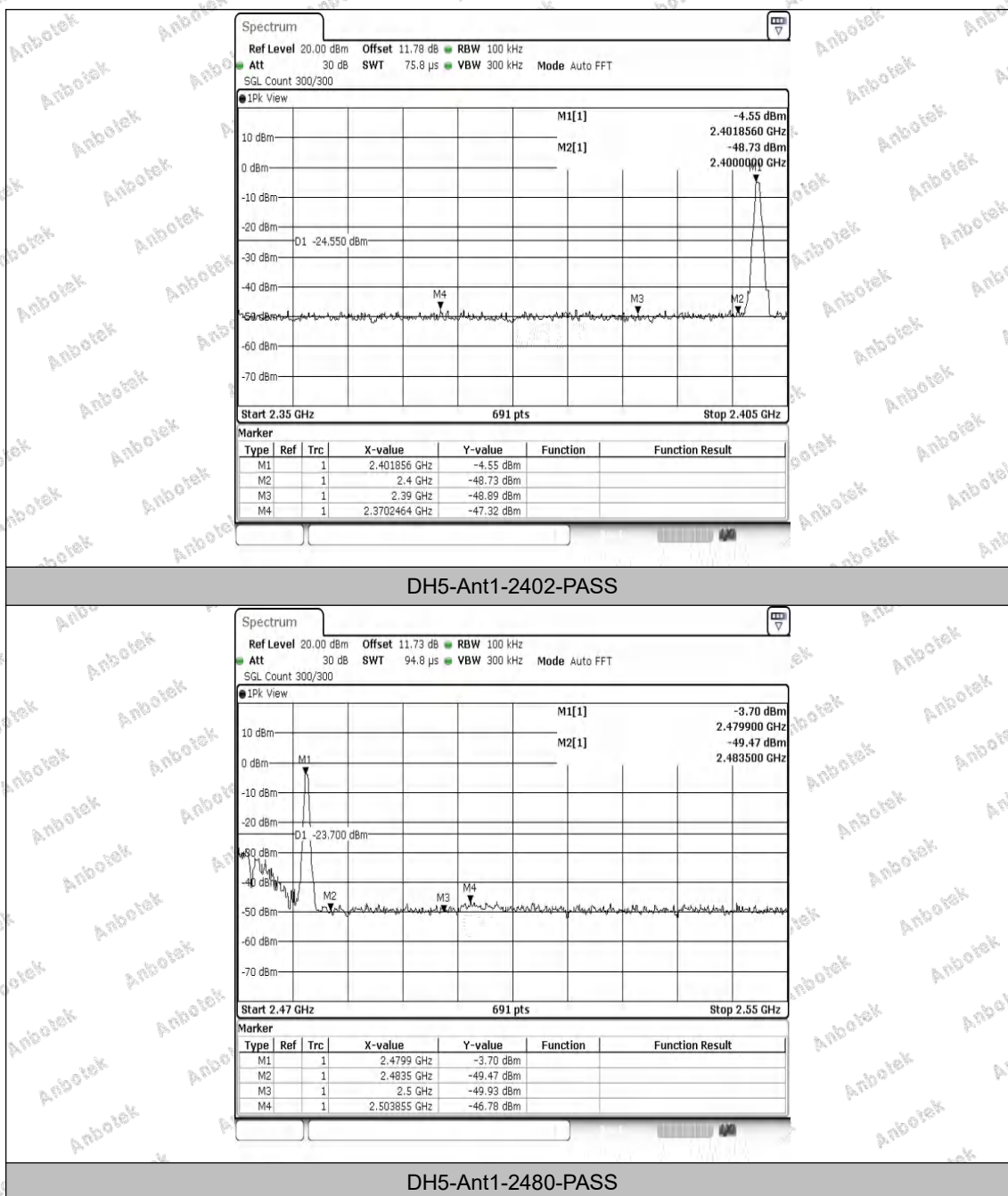
Appendix G: Band edge measurements

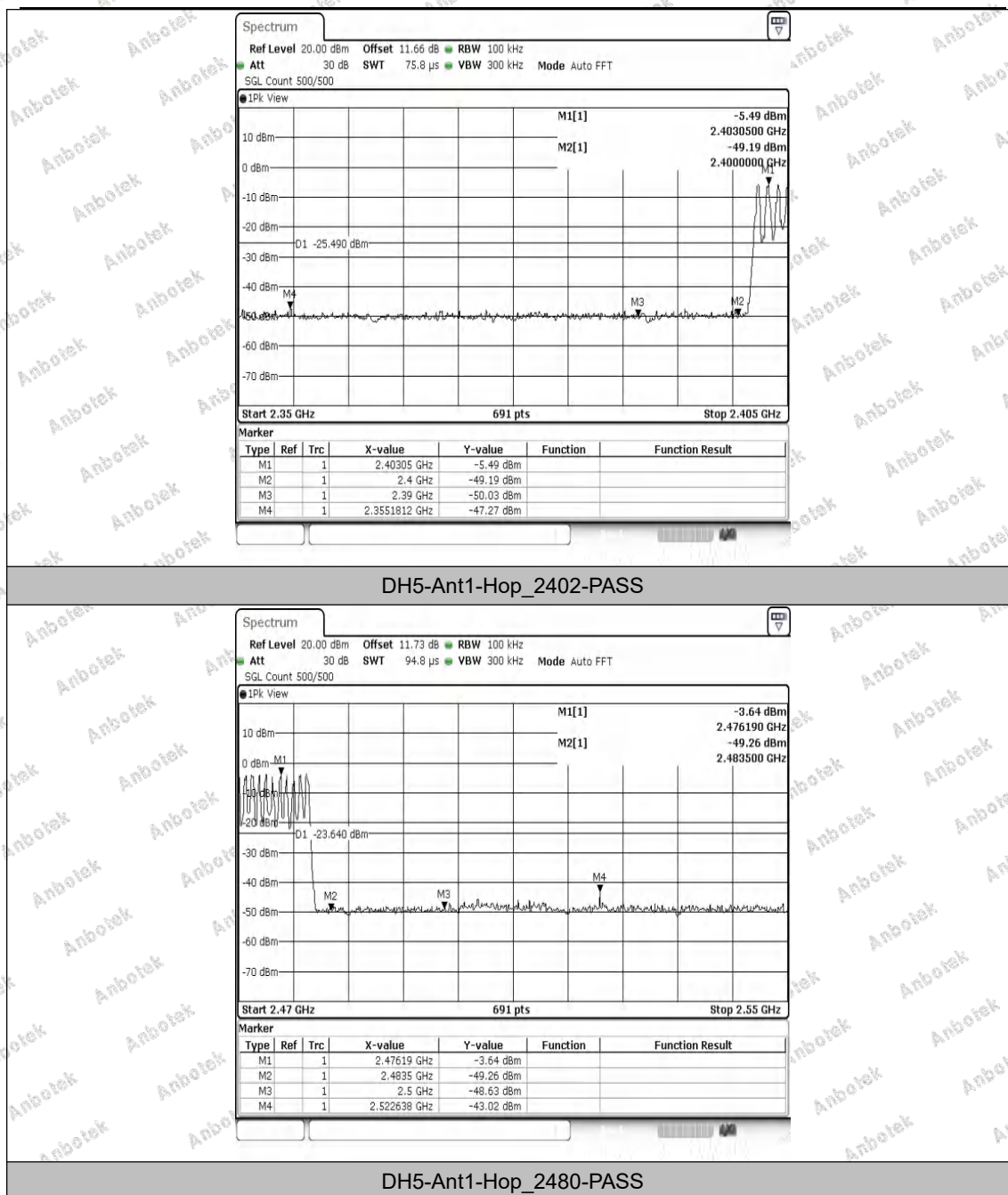
Test Result

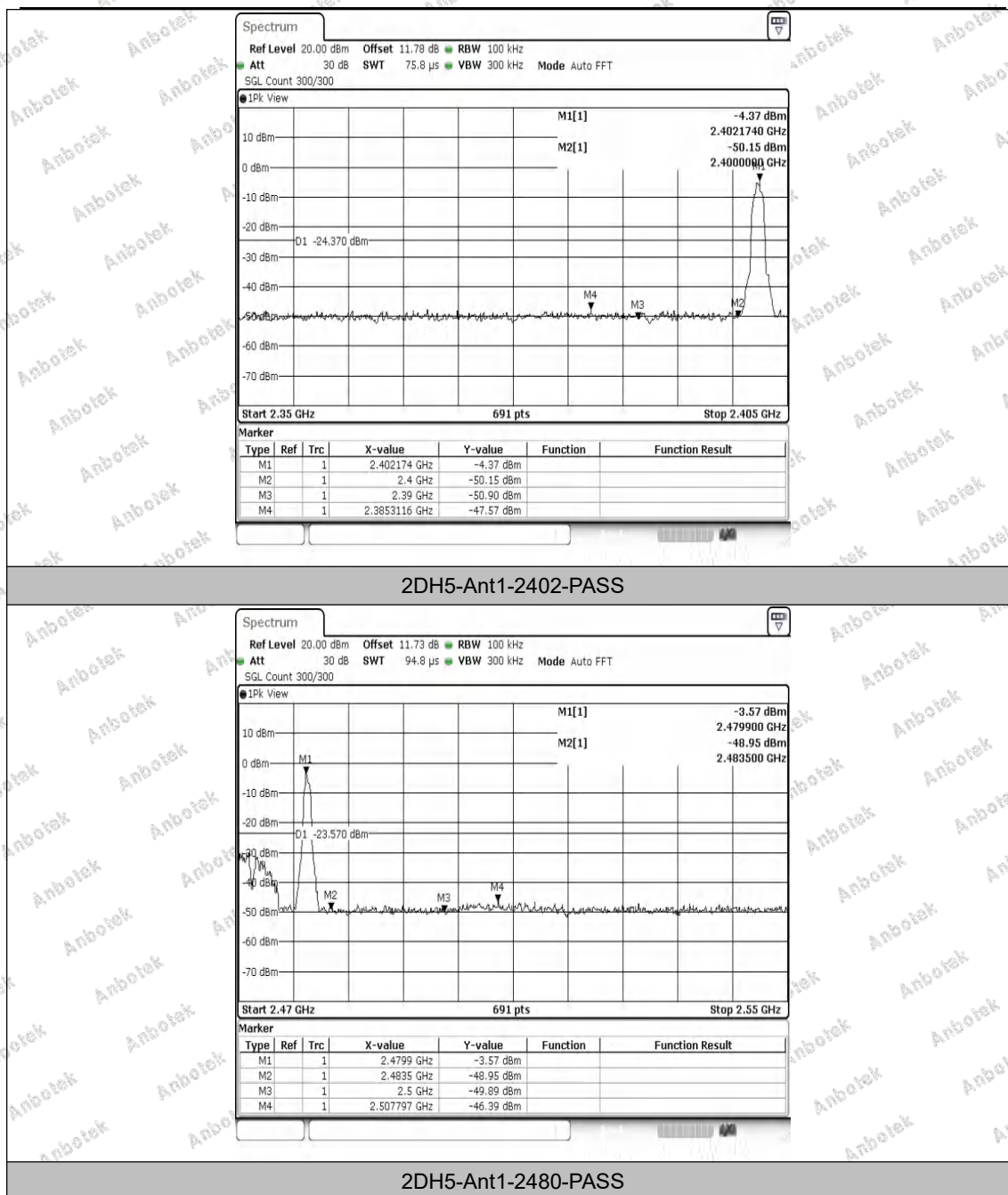
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-4.55	-47.32	≤-24.55	PASS
DH5	Ant1	High	2480	-3.70	-46.78	≤-23.7	PASS
DH5	Ant1	Low	Hop_2402	-5.49	-47.27	≤-25.49	PASS
DH5	Ant1	High	Hop_2480	-3.64	-43.02	≤-23.64	PASS
2DH5	Ant1	Low	2402	-4.37	-47.57	≤-24.37	PASS
2DH5	Ant1	High	2480	-3.57	-46.39	≤-23.57	PASS
2DH5	Ant1	Low	Hop_2402	-8.18	-47.79	≤-28.18	PASS
2DH5	Ant1	High	Hop_2480	-5.83	-46.37	≤-25.83	PASS
3DH5	Ant1	Low	2402	-4.60	-47.47	≤-24.6	PASS
3DH5	Ant1	High	2480	-3.43	-47.07	≤-23.43	PASS
3DH5	Ant1	Low	Hop_2402	-8.59	-47.16	≤-28.59	PASS
3DH5	Ant1	High	Hop_2480	-6.72	-46.06	≤-26.72	PASS

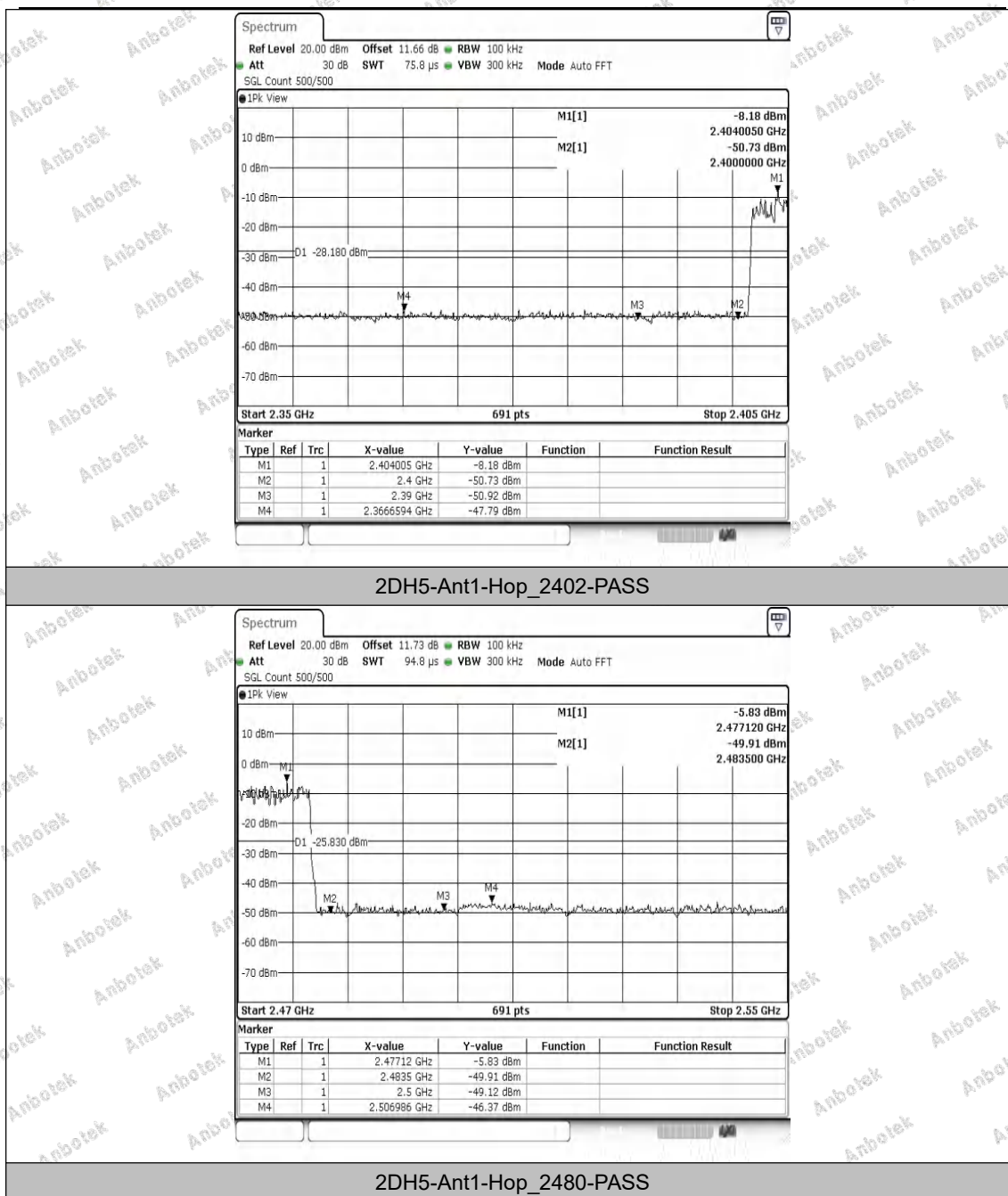


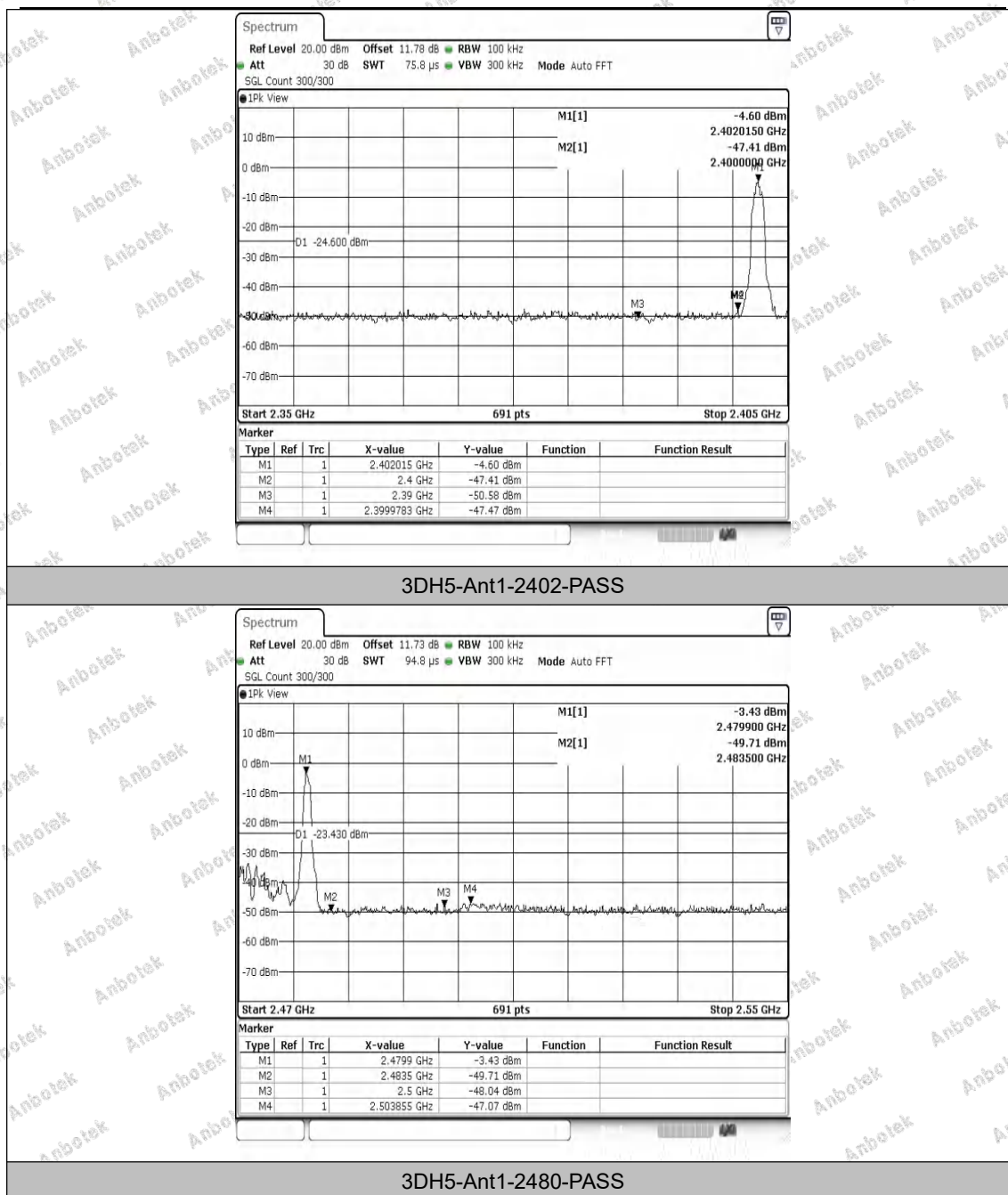
Test Graphs

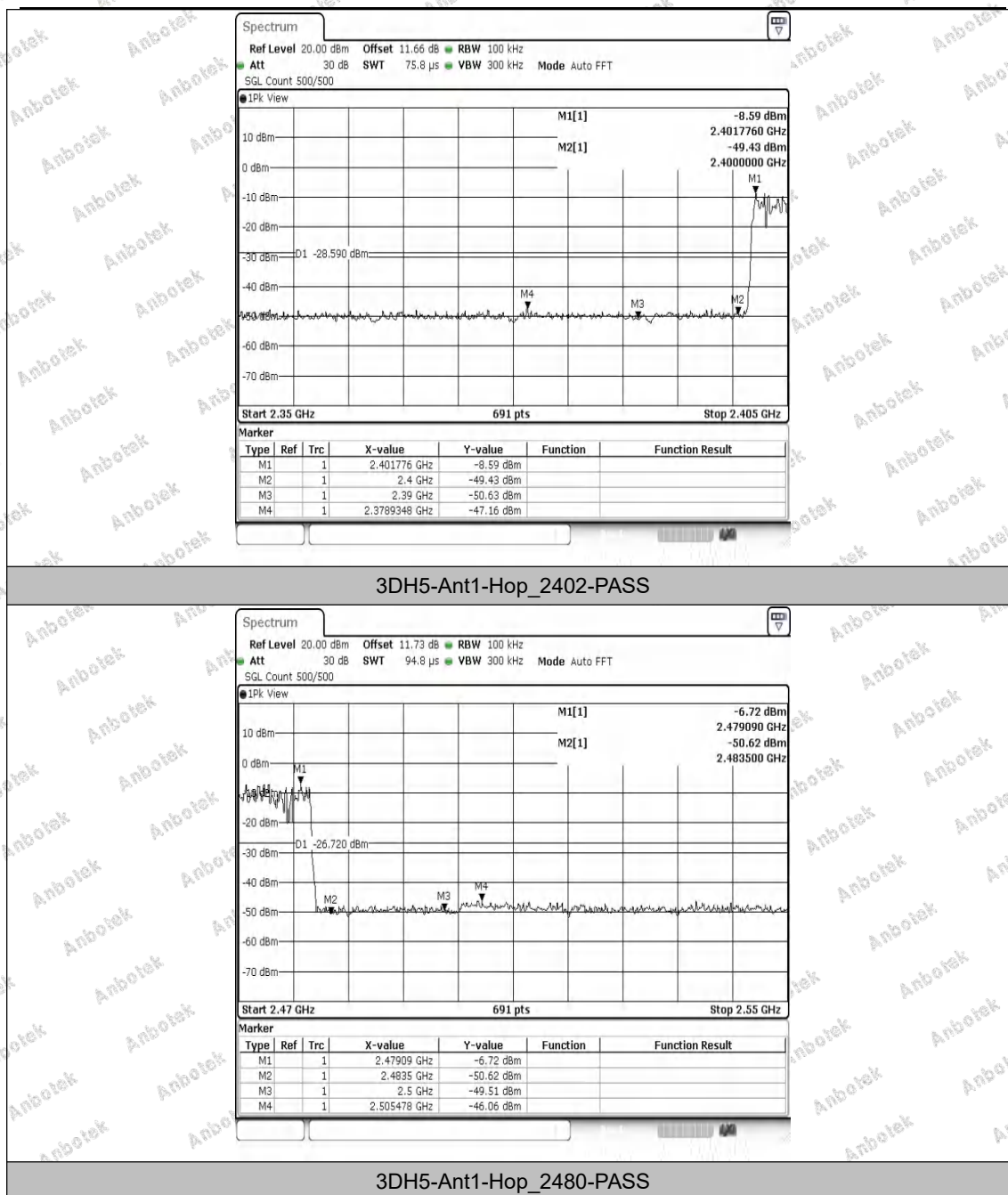












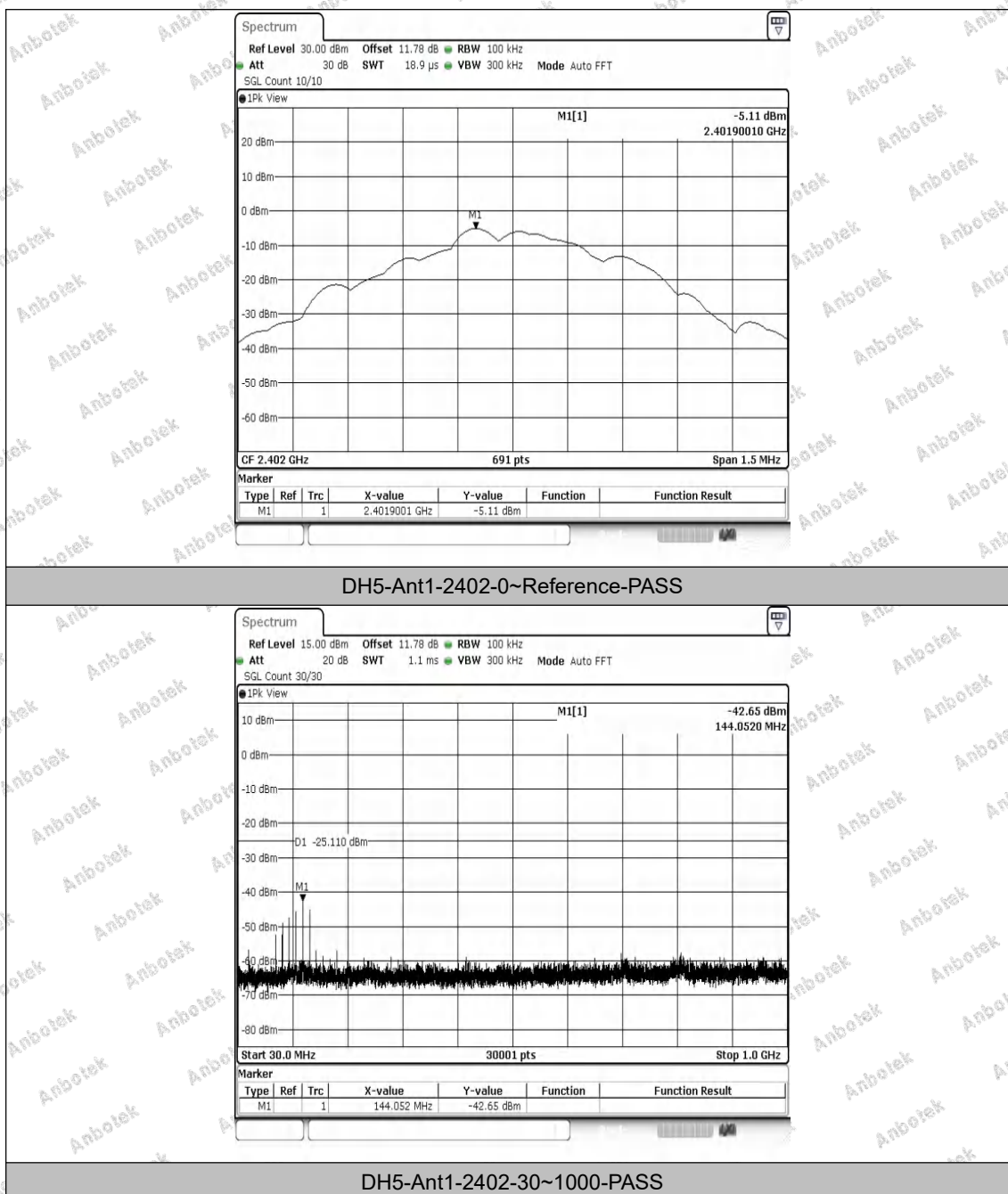
Appendix H: Conducted Spurious Emission

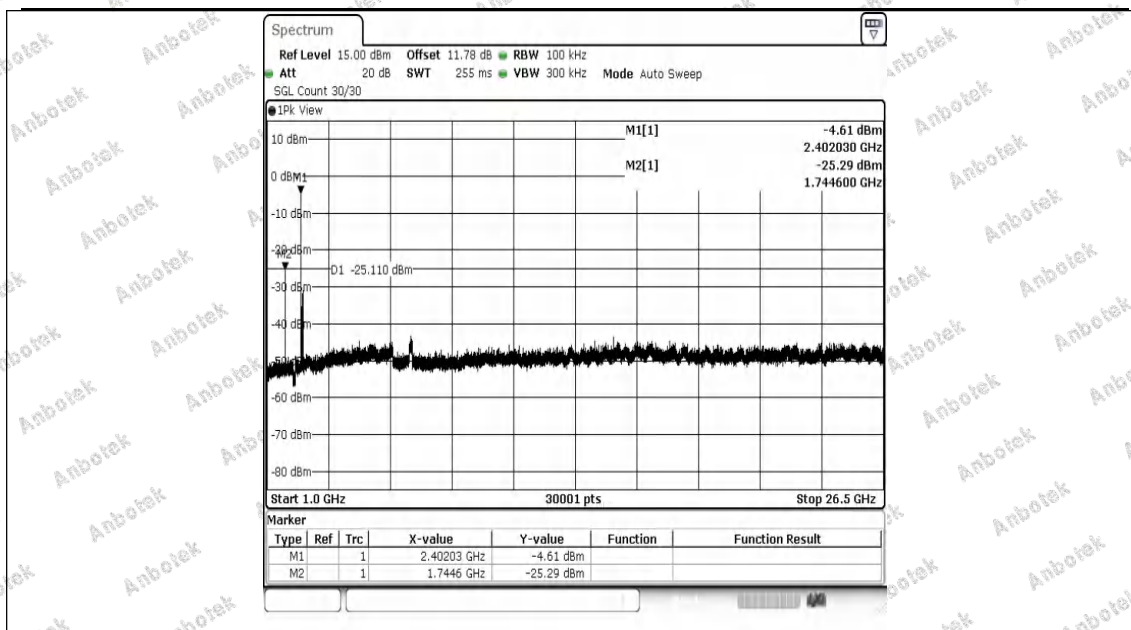
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-5.11	-5.11	---	PASS
DH5	Ant1	2402	30~1000	-5.11	-42.65	≤-25.11	PASS
DH5	Ant1	2402	1000~26500	-5.11	-25.29	≤-25.11	PASS
DH5	Ant1	2441	0~Reference	-4.55	-4.55	---	PASS
DH5	Ant1	2441	30~1000	-4.55	-44.14	≤-24.55	PASS
DH5	Ant1	2441	1000~26500	-4.55	-44.02	≤-24.55	PASS
DH5	Ant1	2480	0~Reference	-4.35	-4.35	---	PASS
DH5	Ant1	2480	30~1000	-4.35	-44.11	≤-24.35	PASS
DH5	Ant1	2480	1000~26500	-4.35	-43.96	≤-24.35	PASS
2DH5	Ant1	2402	0~Reference	-5.71	-5.71	---	PASS
2DH5	Ant1	2402	30~1000	-5.71	-43.84	≤-25.71	PASS
2DH5	Ant1	2402	1000~26500	-5.71	-43.98	≤-25.71	PASS
2DH5	Ant1	2441	0~Reference	-5.78	-5.78	---	PASS
2DH5	Ant1	2441	30~1000	-5.78	-43.69	≤-25.78	PASS
2DH5	Ant1	2441	1000~26500	-5.78	-43.14	≤-25.78	PASS
2DH5	Ant1	2480	0~Reference	-3.93	-3.93	---	PASS
2DH5	Ant1	2480	30~1000	-3.93	-43.7	≤-23.93	PASS
2DH5	Ant1	2480	1000~26500	-3.93	-43.84	≤-23.93	PASS
3DH5	Ant1	2402	0~Reference	-5.17	-5.17	---	PASS
3DH5	Ant1	2402	30~1000	-5.17	-44.42	≤-25.17	PASS
3DH5	Ant1	2402	1000~26500	-5.17	-43.56	≤-25.17	PASS
3DH5	Ant1	2441	0~Reference	-7.73	-7.73	---	PASS
3DH5	Ant1	2441	30~1000	-7.73	-43.81	≤-27.73	PASS
3DH5	Ant1	2441	1000~26500	-7.73	-43.78	≤-27.73	PASS
3DH5	Ant1	2480	0~Reference	-3.54	-3.54	---	PASS
3DH5	Ant1	2480	30~1000	-3.54	-43.85	≤-23.54	PASS
3DH5	Ant1	2480	1000~26500	-3.54	-44.52	≤-23.54	PASS

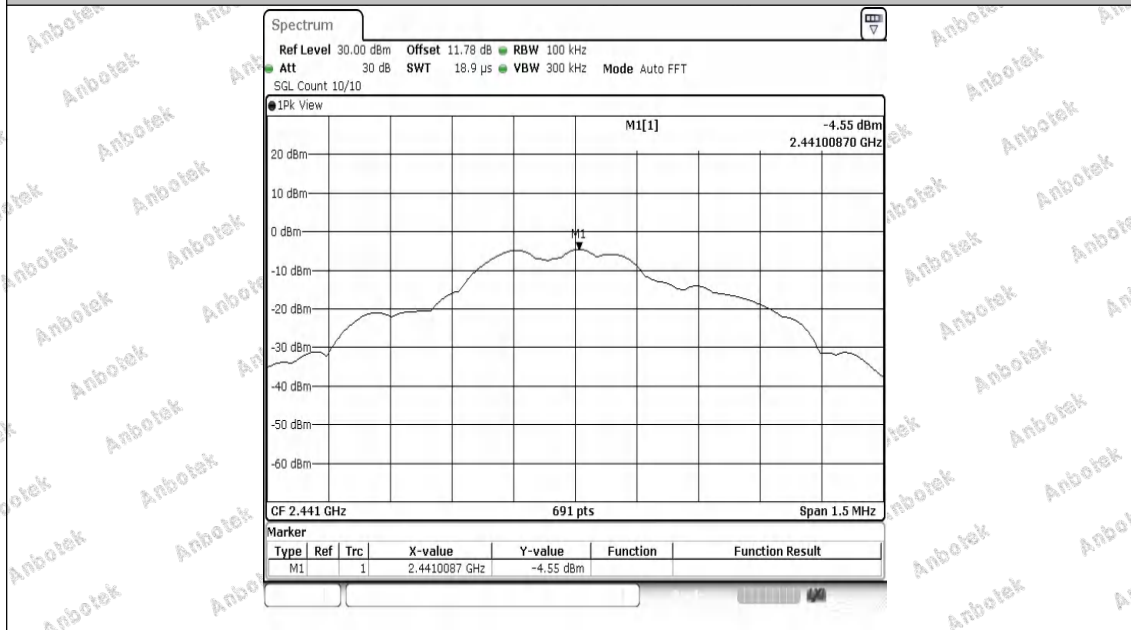


Test Graphs



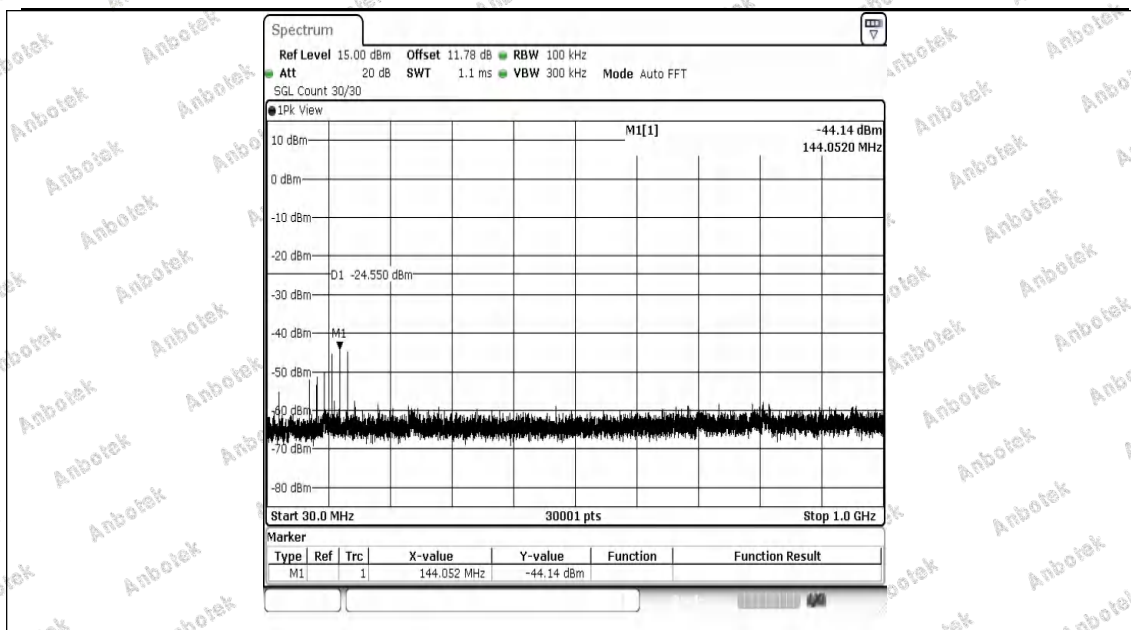


DH5-Ant1-2402-1000~26500-PASS

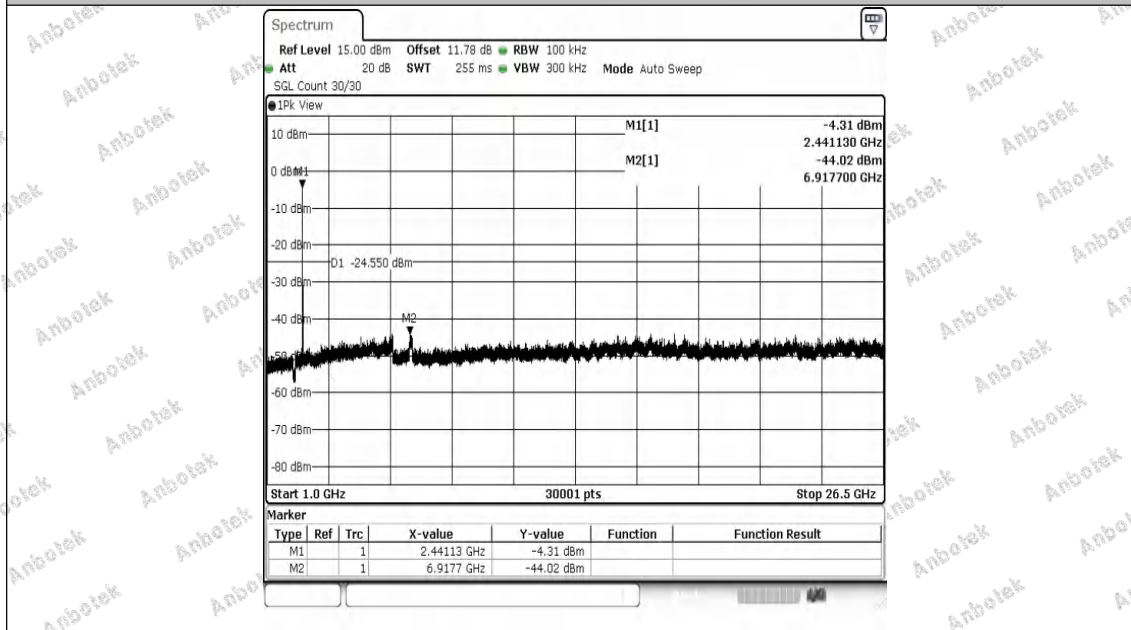


DH5-Ant1-2441-0~Reference-PASS



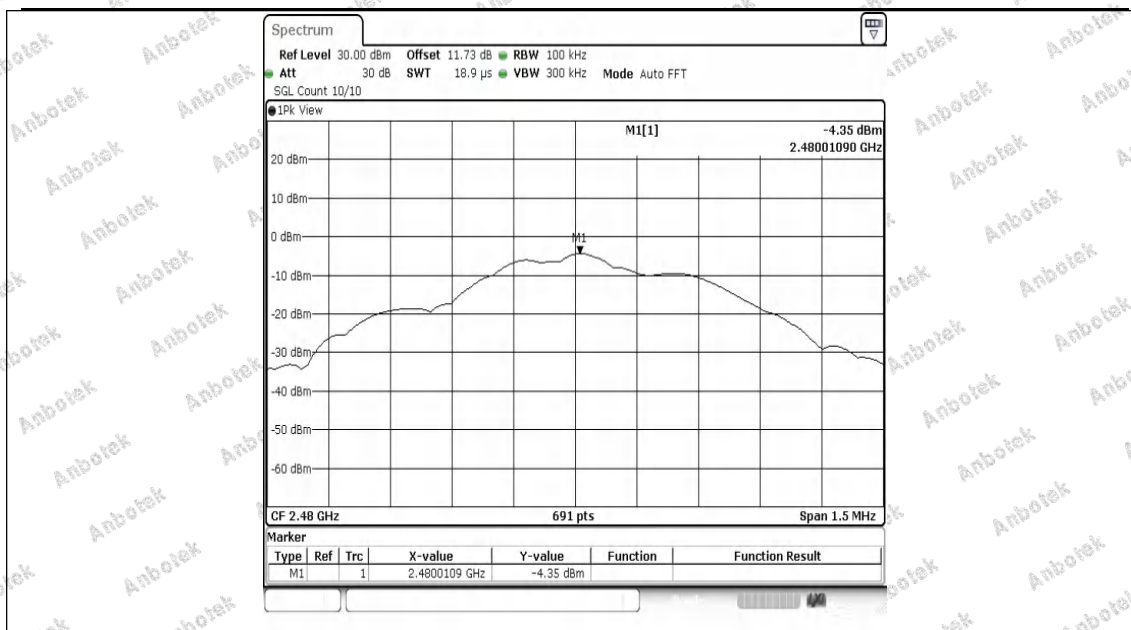


DH5-Ant1-2441-30~1000-PASS

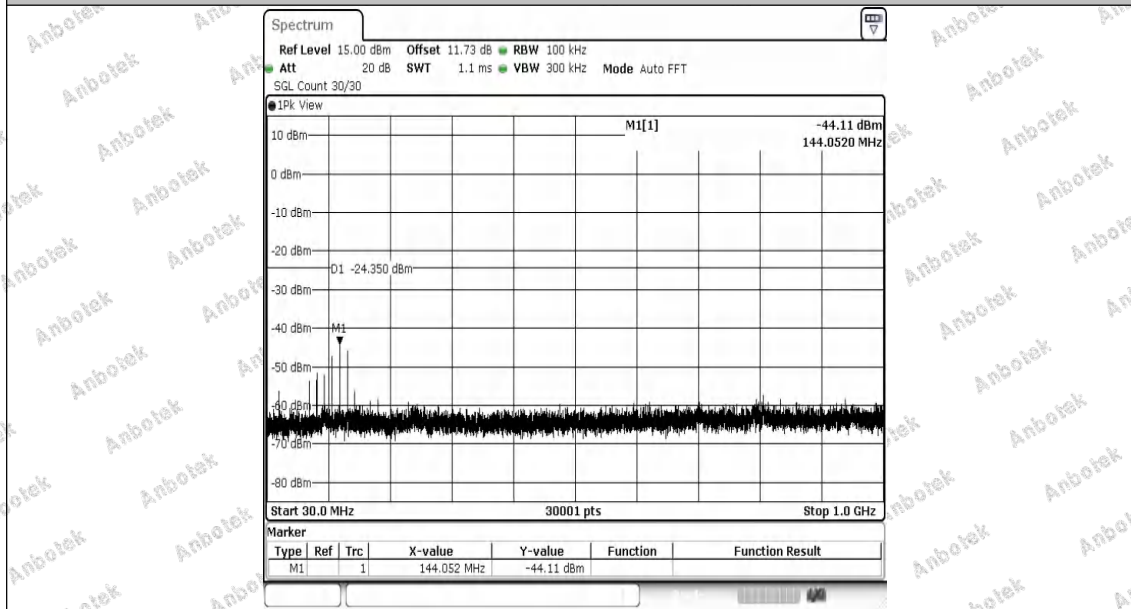


DH5-Ant1-2441-1000~26500-PASS



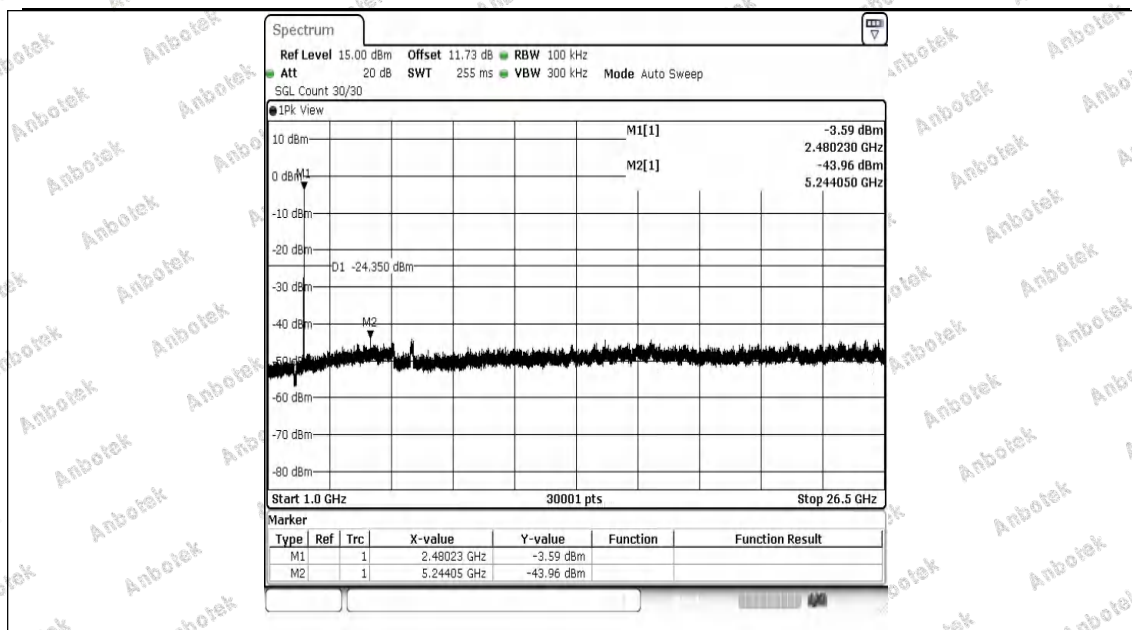


DH5-Ant1-2480-0~Reference-PASS

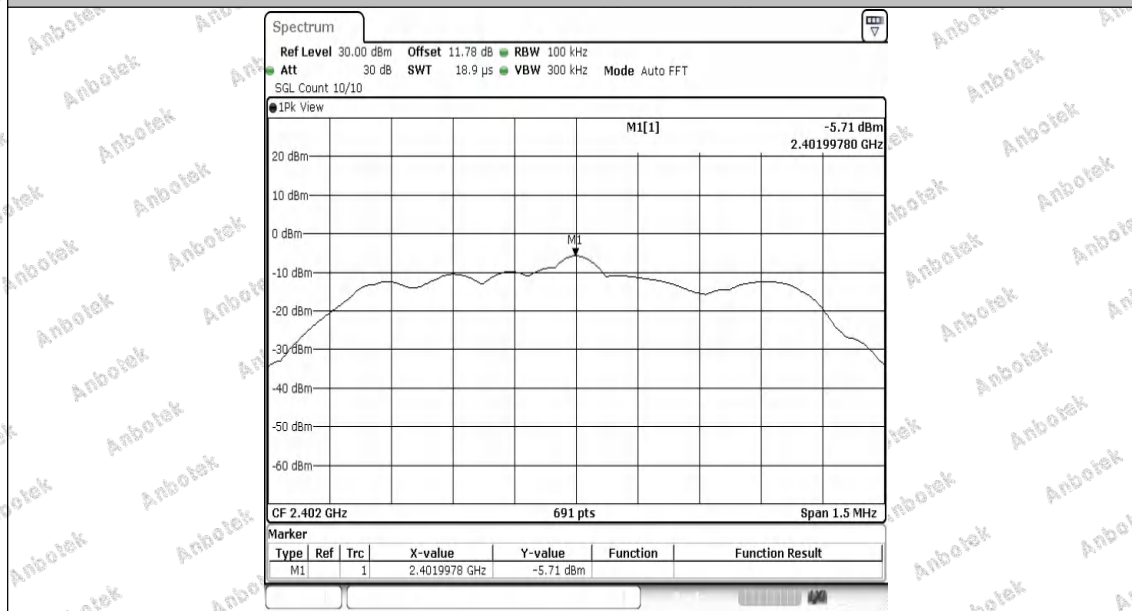


DH5-Ant1-2480-30~1000-PASS



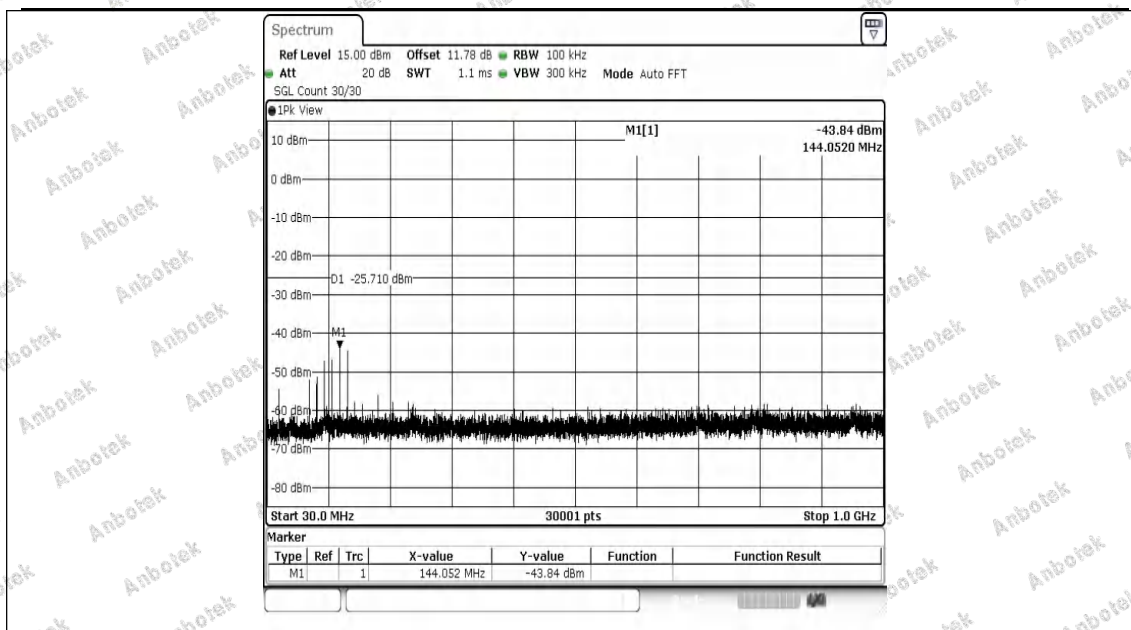


DH5-Ant1-2480-1000~26500-PASS

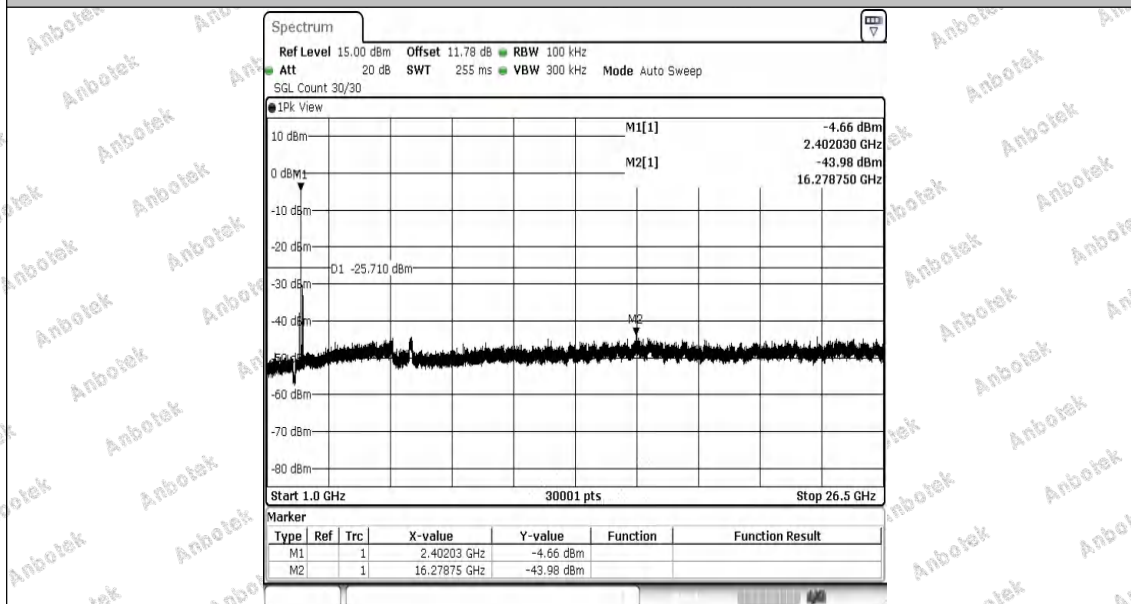


2DH5-Ant1-2402-0~Reference-PASS



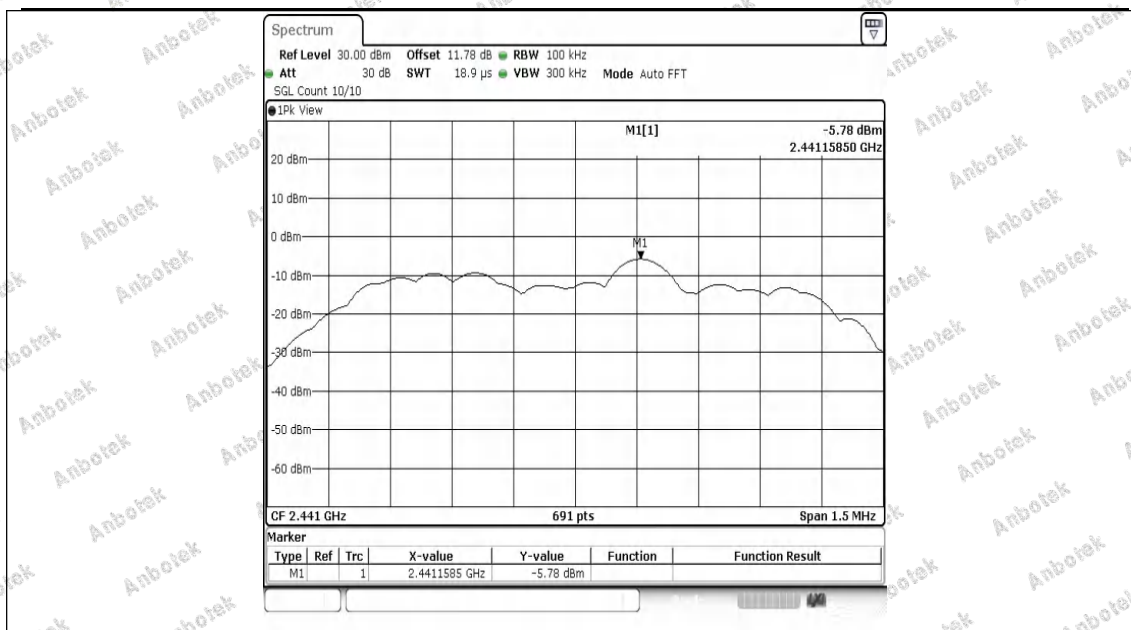


2DH5-Ant1-2402-30~1000-PASS

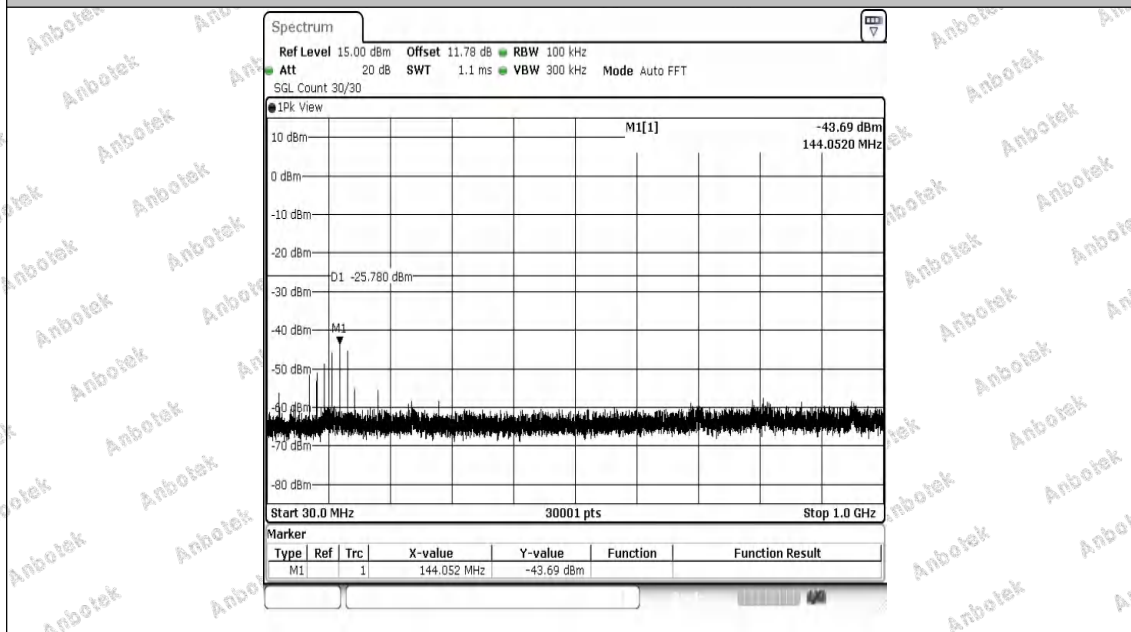


2DH5-Ant1-2402-1000~26500-PASS



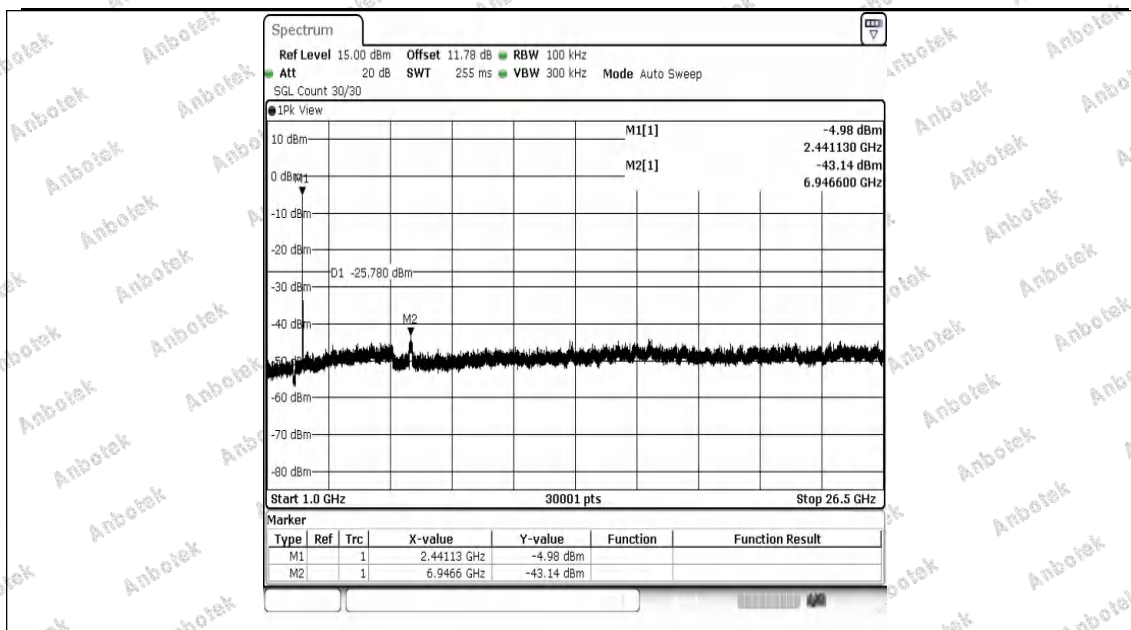


2DH5-Ant1-2441-0~Reference-PASS

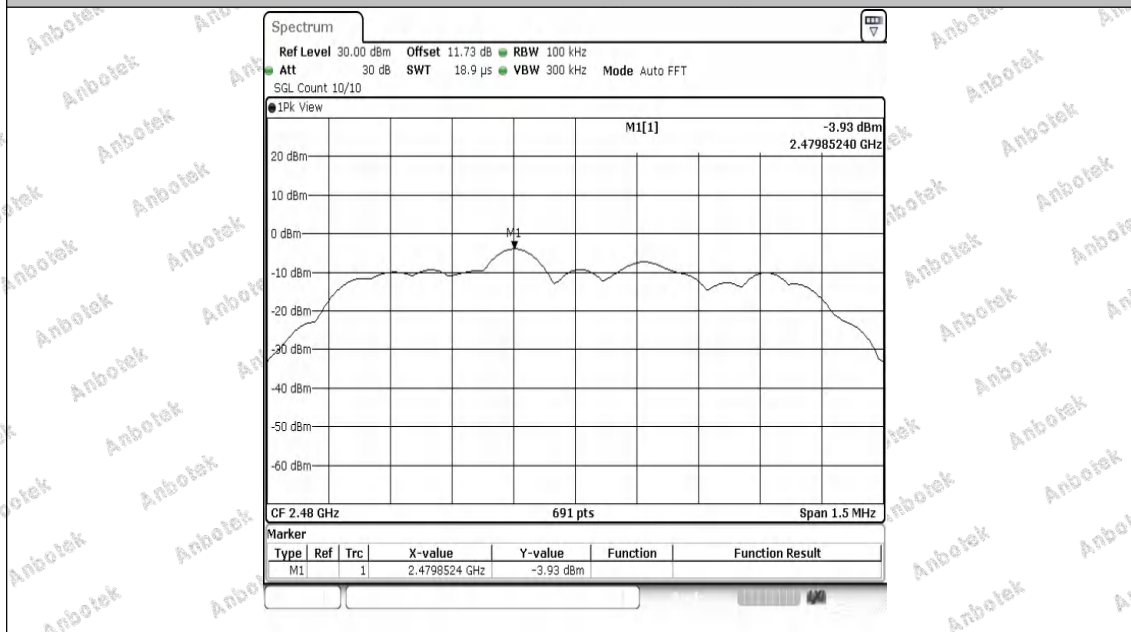


2DH5-Ant1-2441-30~1000-PASS



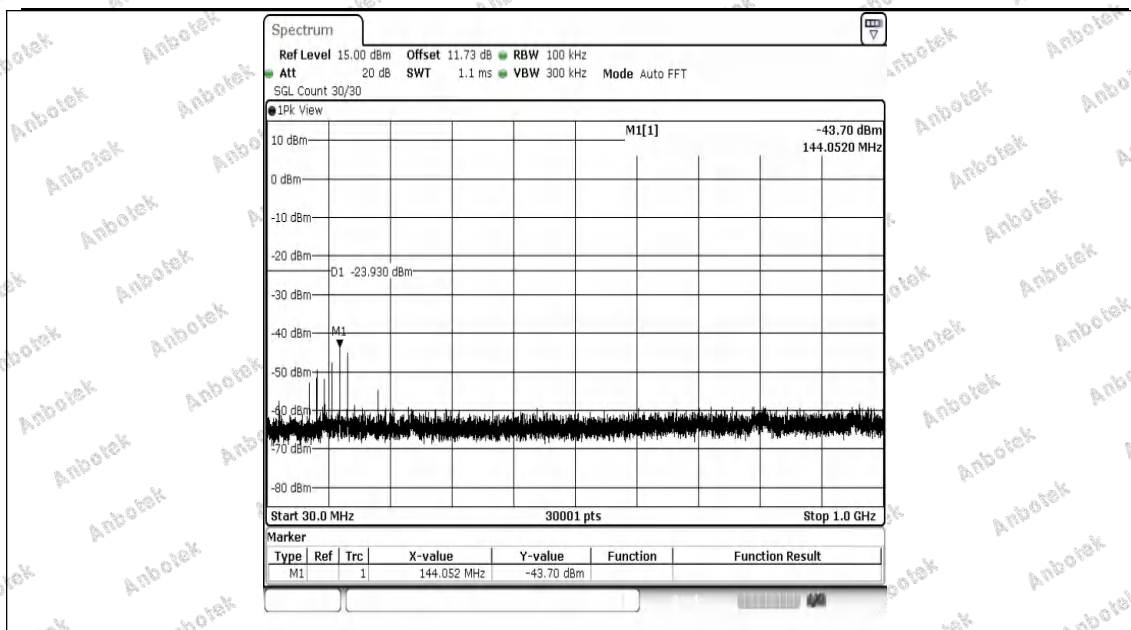


2DH5-Ant1-2441-1000~26500-PASS

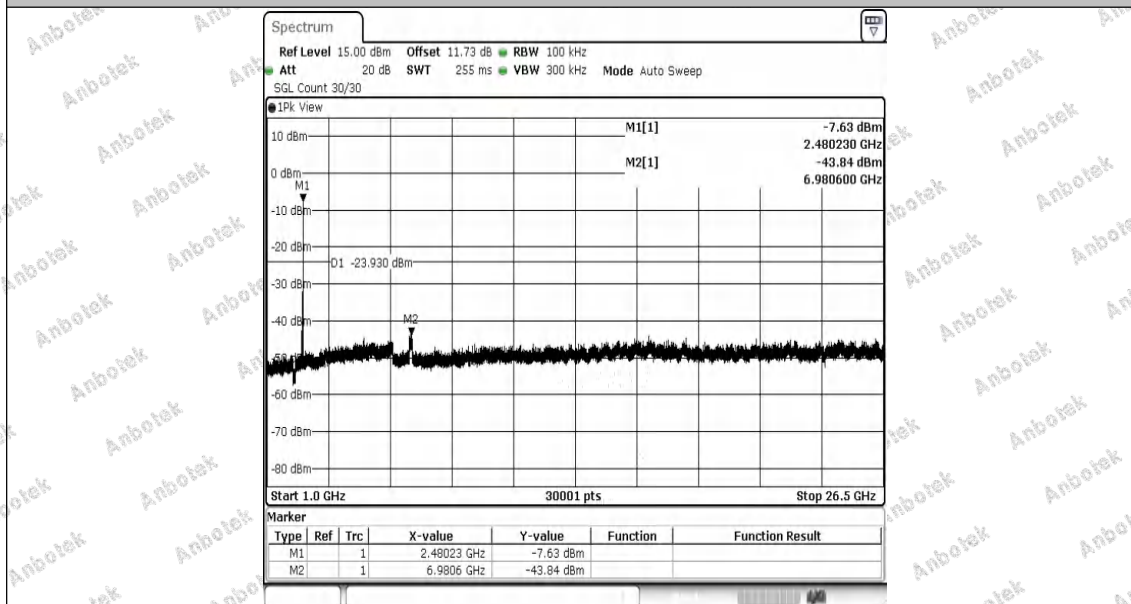


2DH5-Ant1-2480-0~Reference-PASS



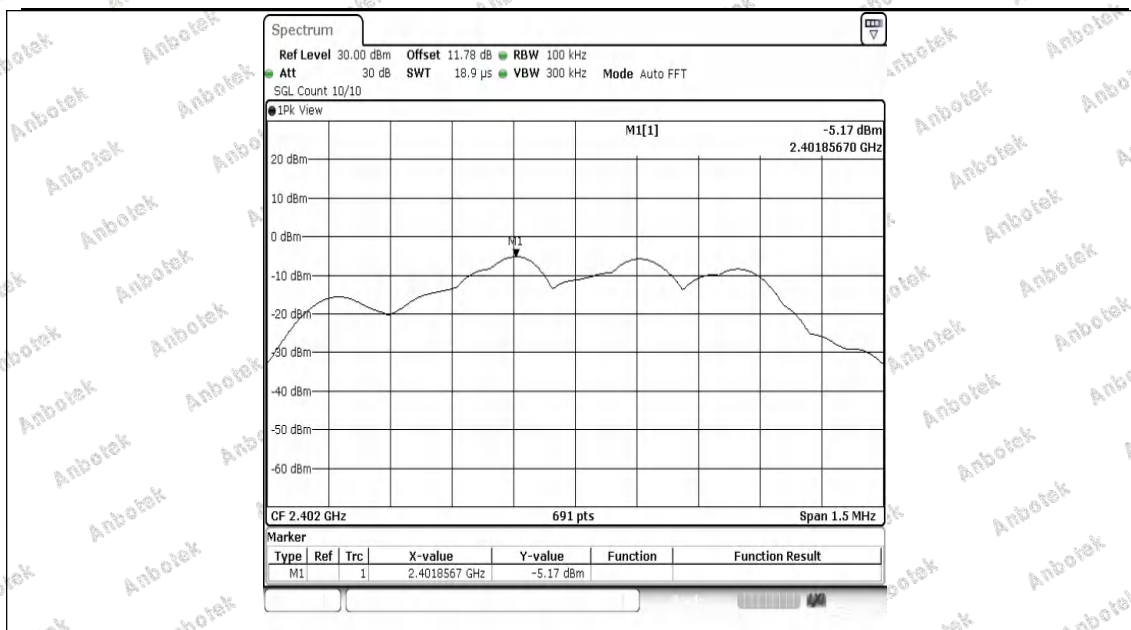


2DH5-Ant1-2480-30~1000-PASS

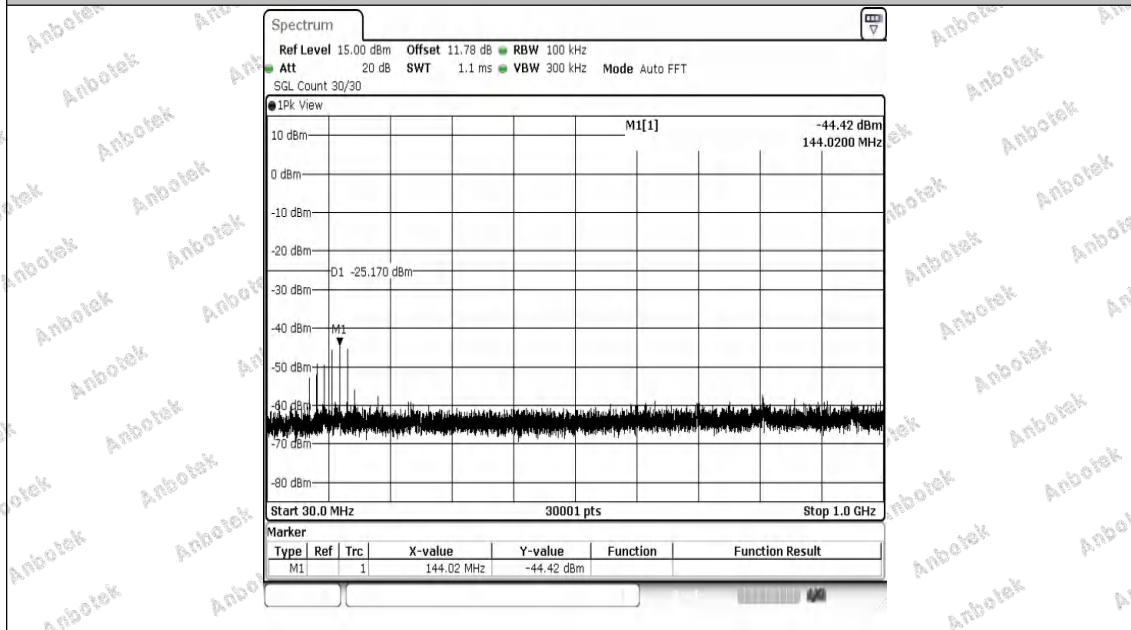


2DH5-Ant1-2480-1000~26500-PASS



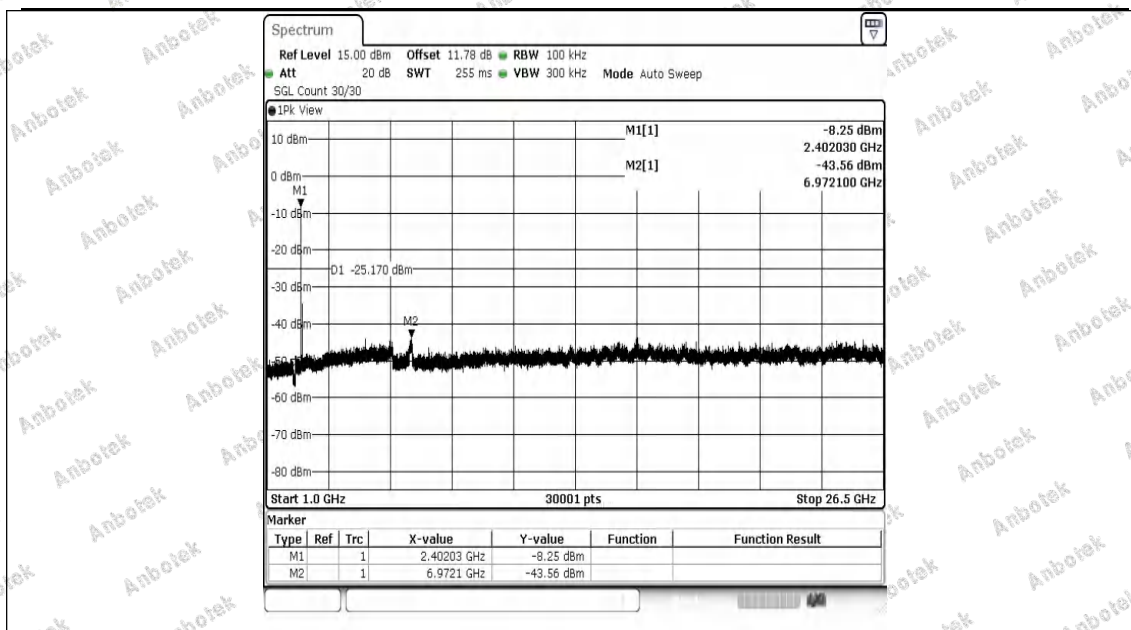


3DH5-Ant1-2402-0~Reference-PASS

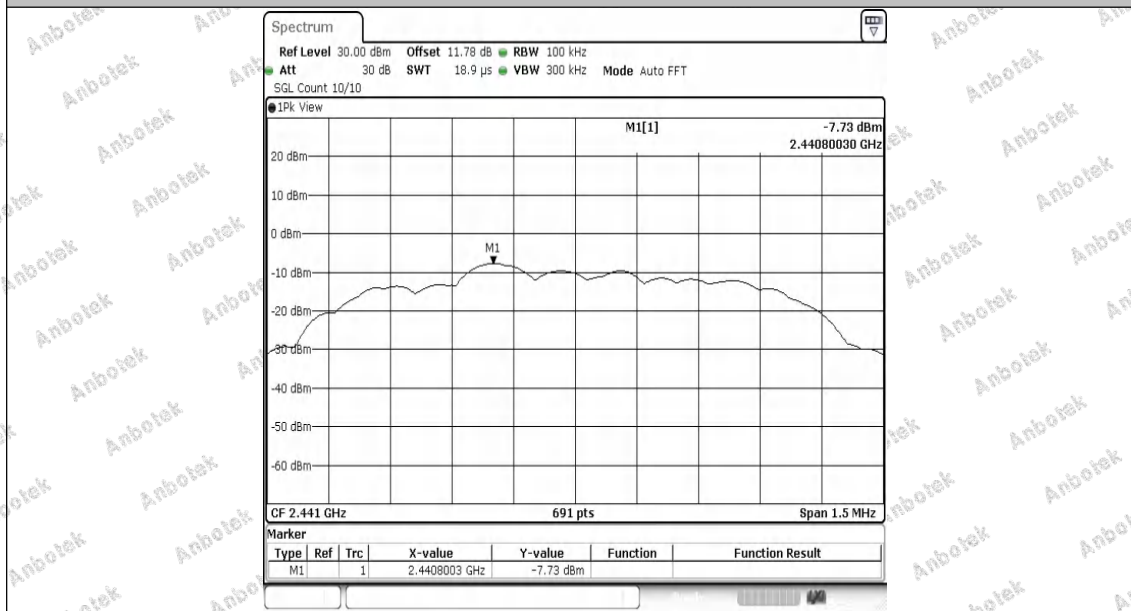


3DH5-Ant1-2402-30~1000-PASS



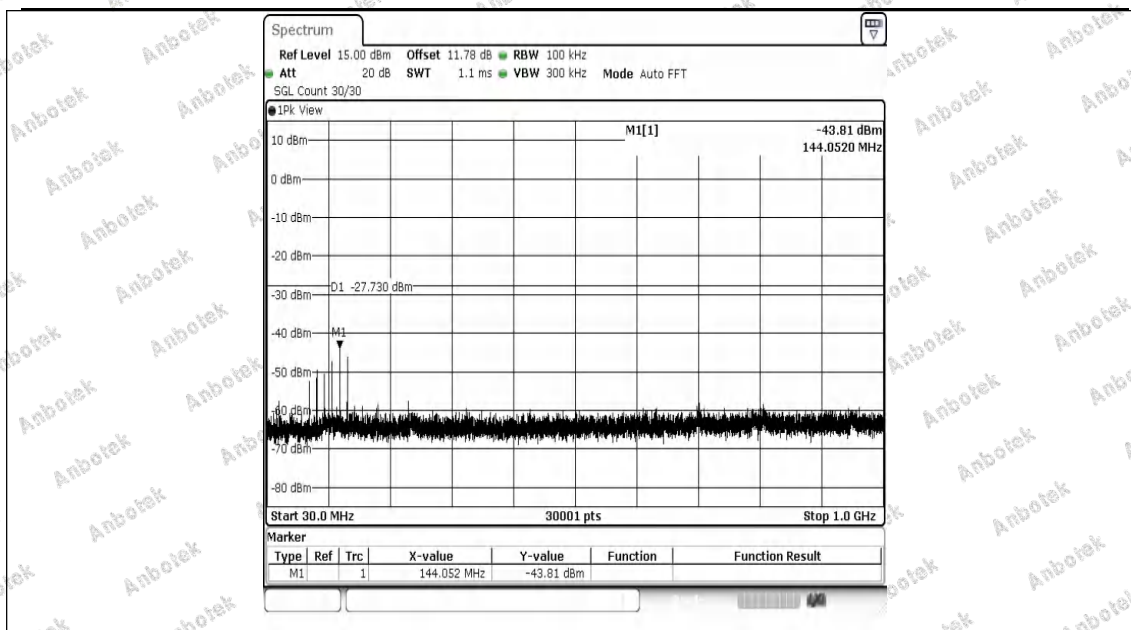


3DH5-Ant1-2402-1000~26500-PASS

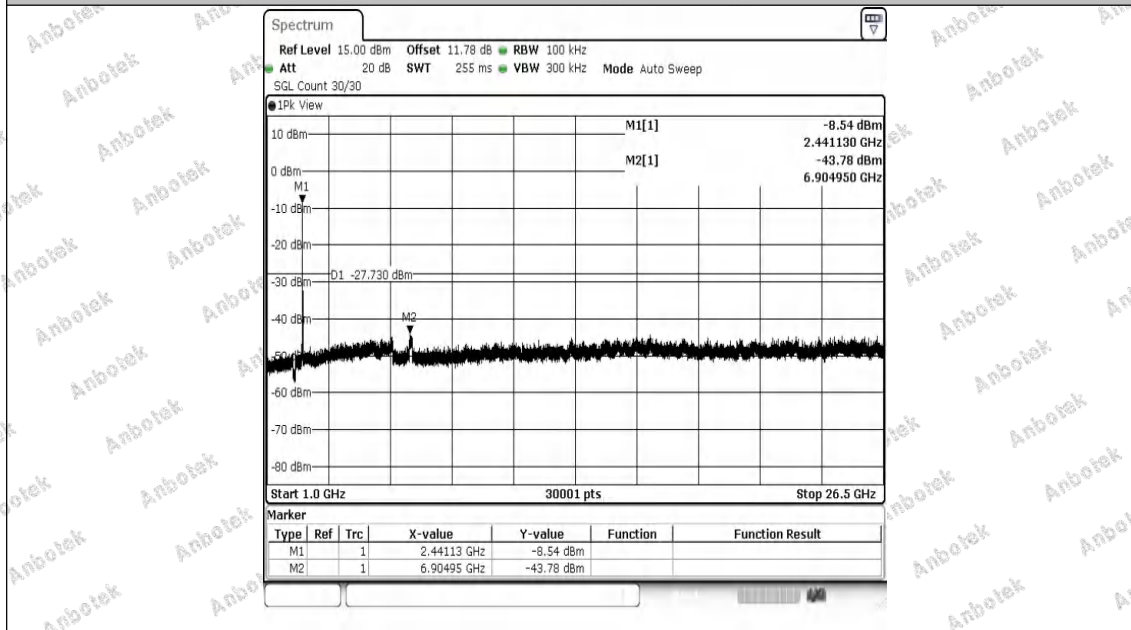


3DH5-Ant1-2441-0~Reference-PASS



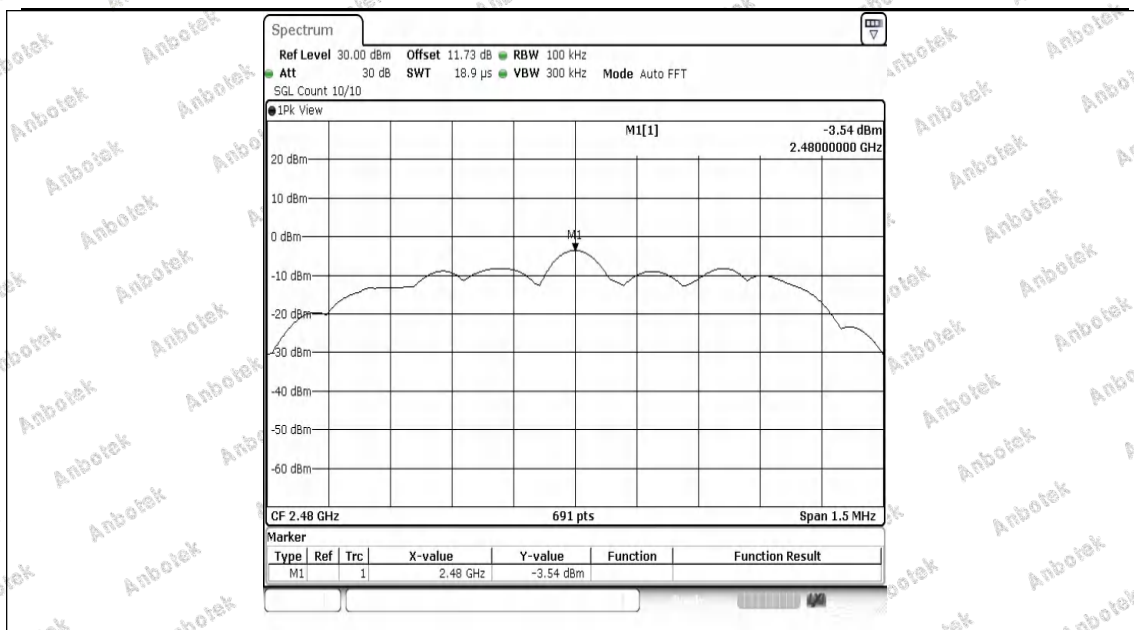


3DH5-Ant1-2441-30~1000-PASS

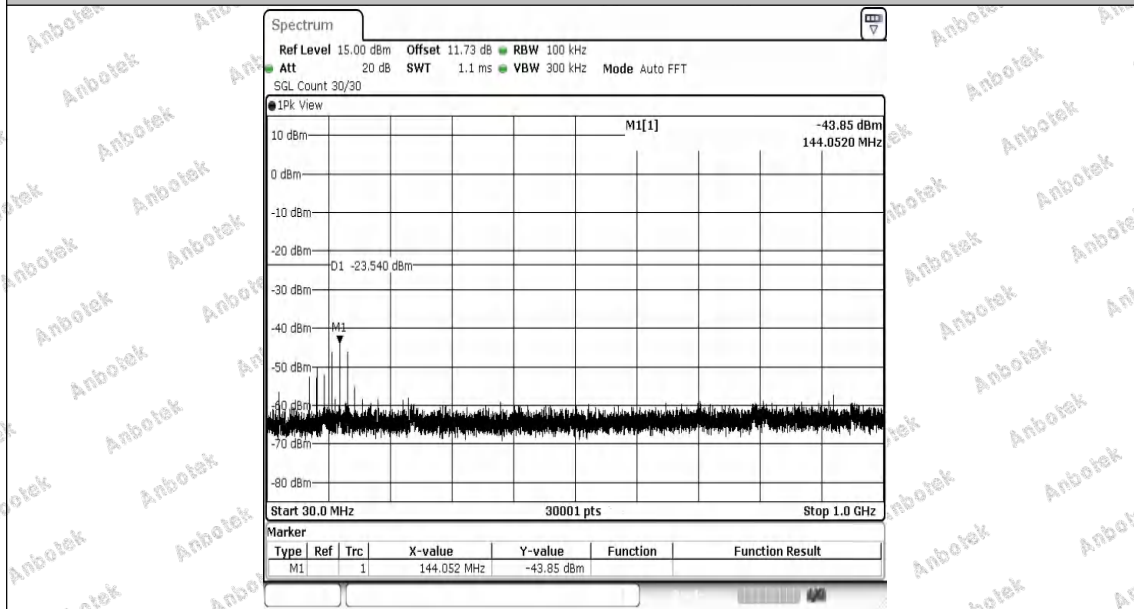


3DH5-Ant1-2441-1000~26500-PASS



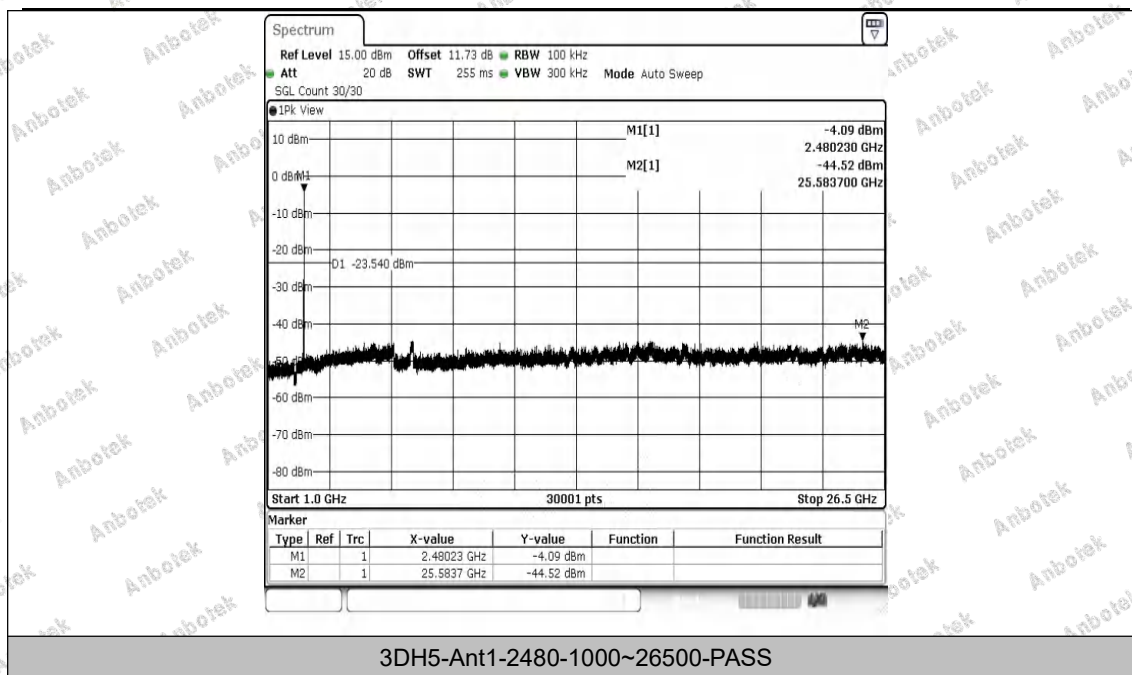


3DH5-Ant1-2480-0~Reference-PASS



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





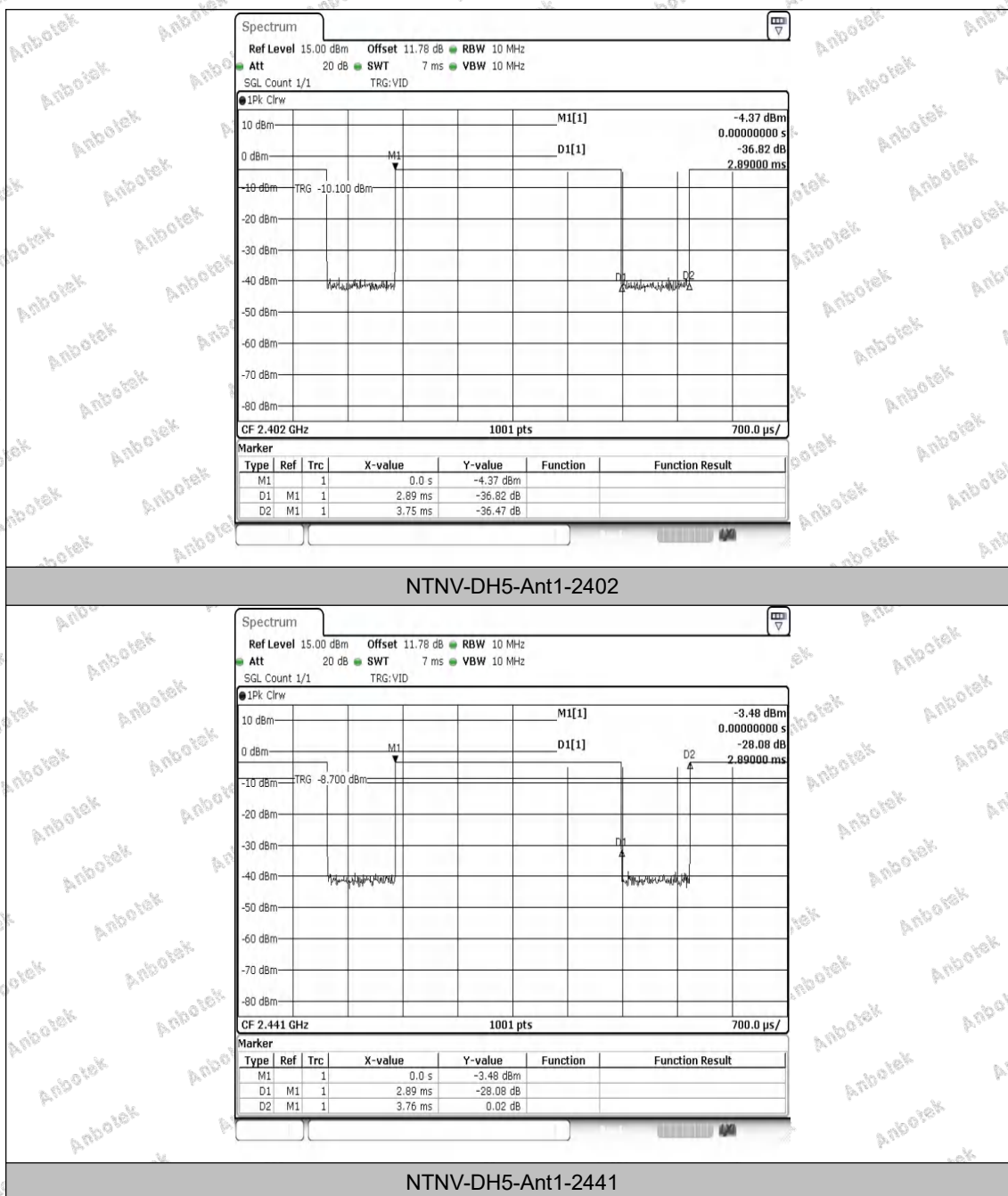
Appendix I: Duty Cycle

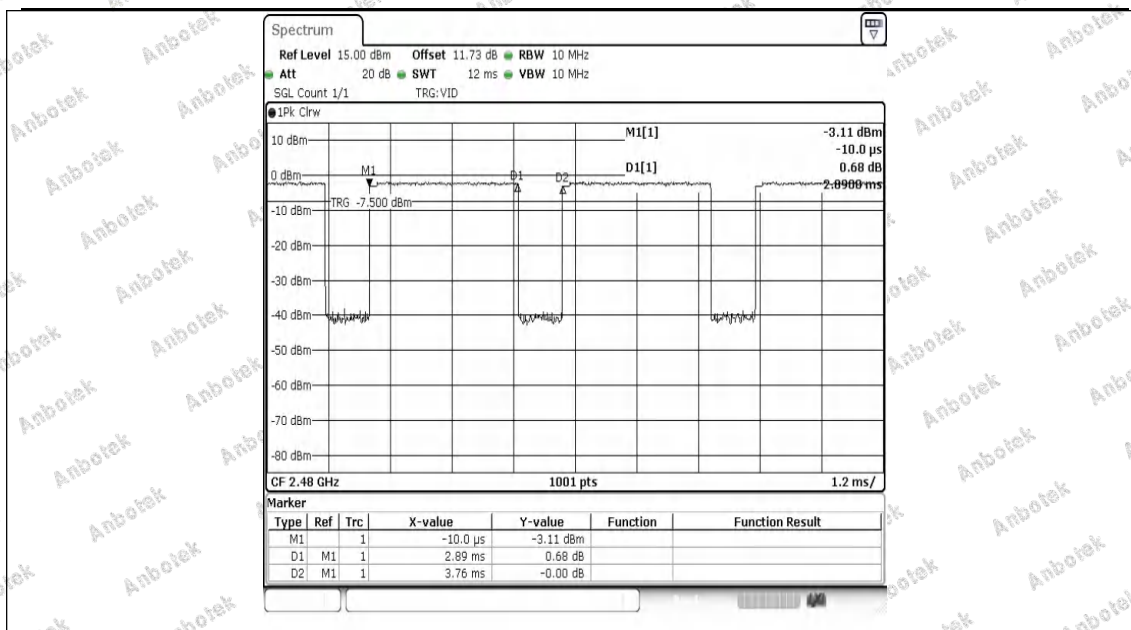
Test Result

TestMode	Antenna	Frequency[MHz]	ON Time[ms]	Period[ms]	Duty Cycle[%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.89	3.75	77.07	1.13
DH5	Ant1	2441	2.89	3.76	76.86	1.14
DH5	Ant1	2480	2.89	3.76	76.86	1.14
2DH5	Ant1	2402	2.90	3.76	77.13	1.13
2DH5	Ant1	2441	2.90	3.76	77.13	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	3.76	76.86	1.14
3DH5	Ant1	2480	2.89	3.75	77.07	1.13

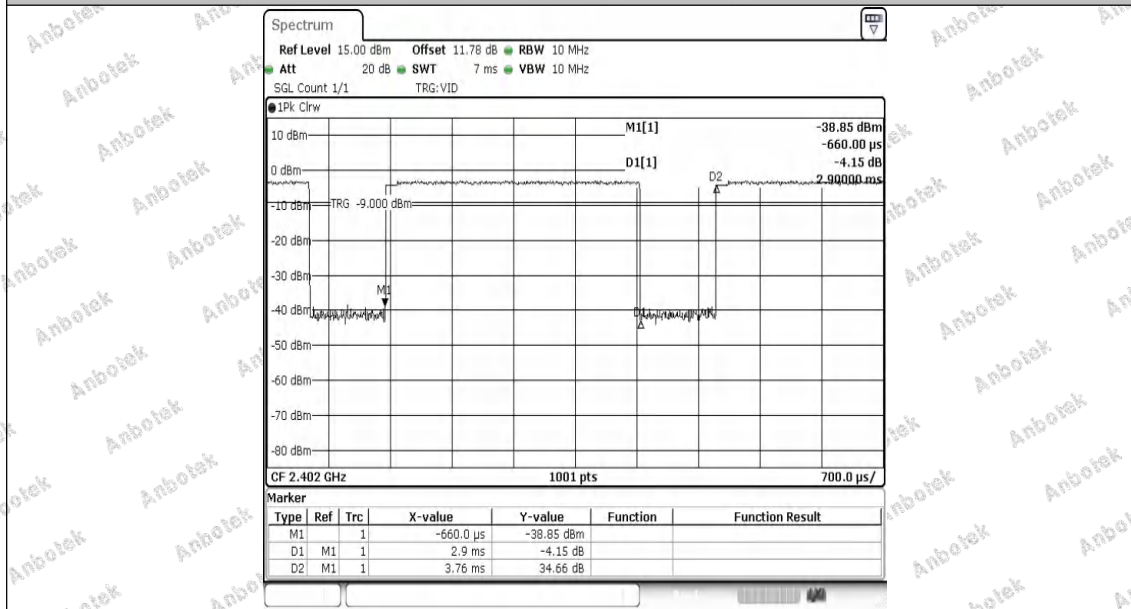


Test Graphs



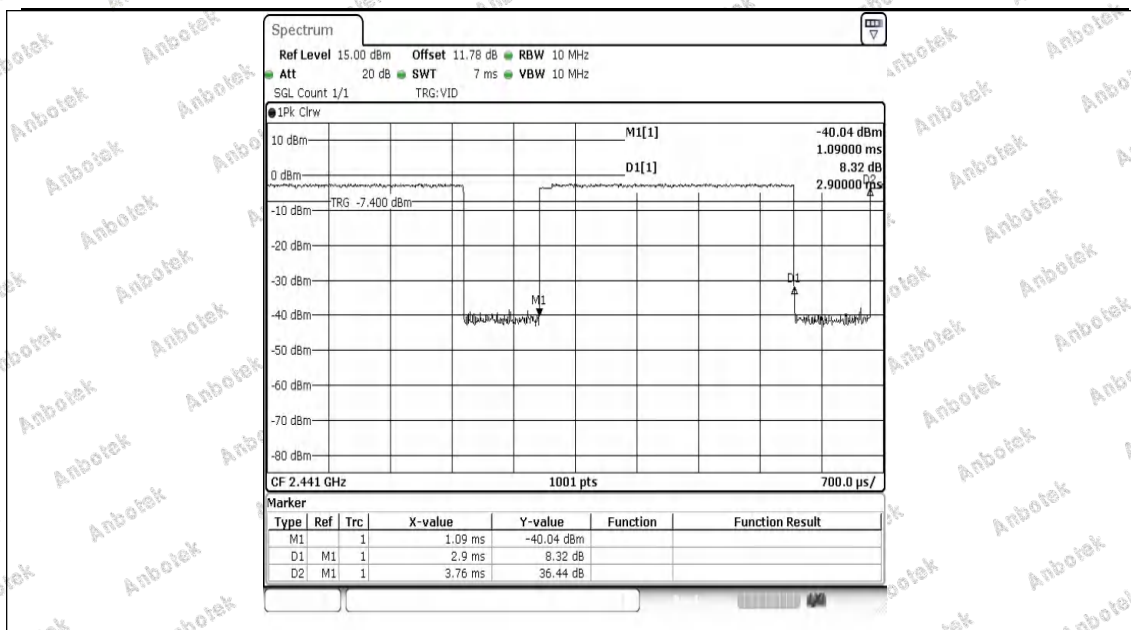


NTN5-DH5-Ant1-2480

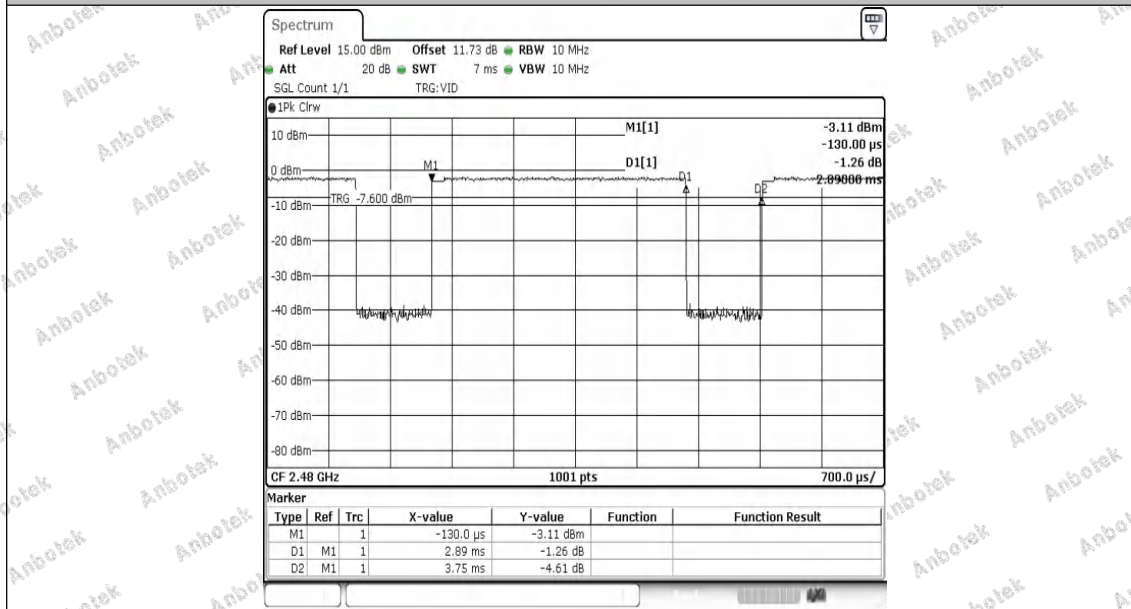


NTN5-2DH5-Ant1-2402



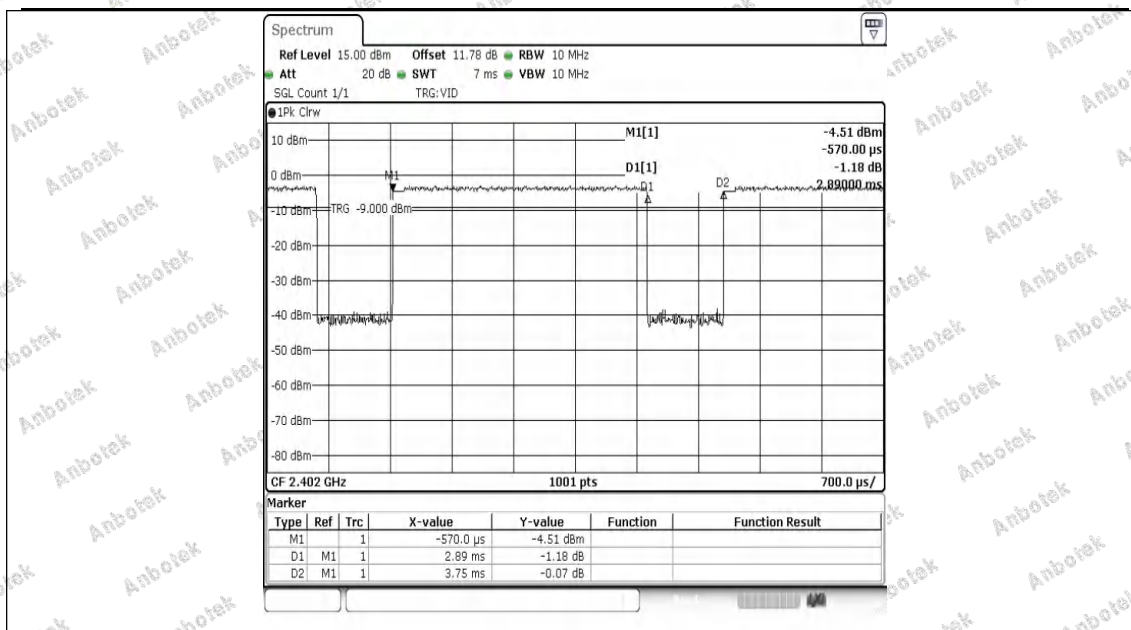


NTNV-2DH5-Ant1-2441

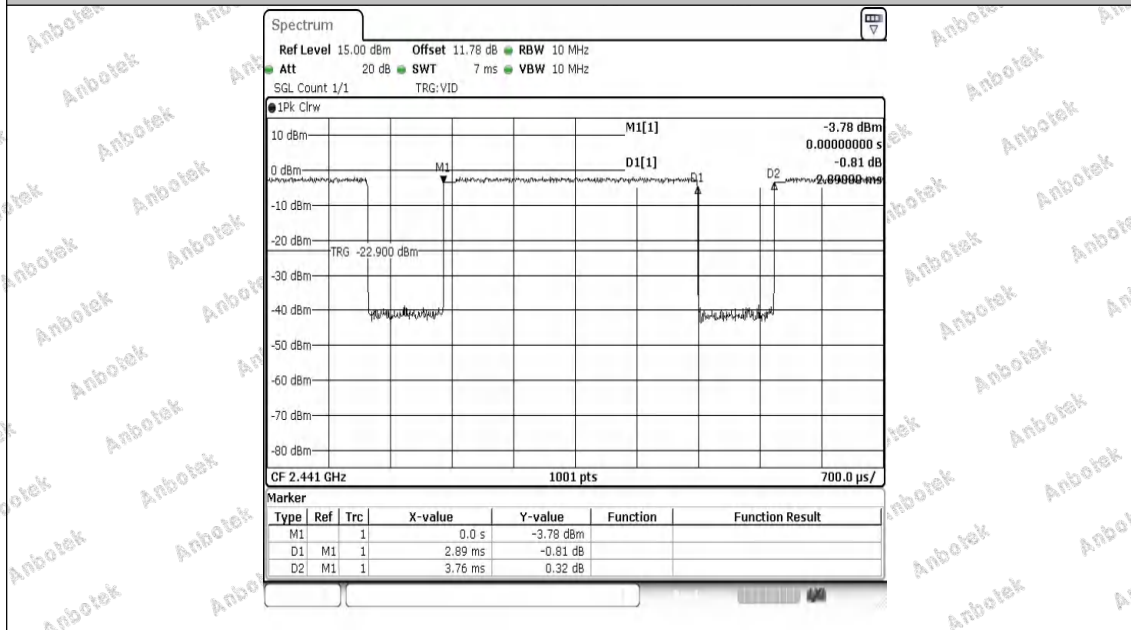


NTNV-2DH5-Ant1-2480



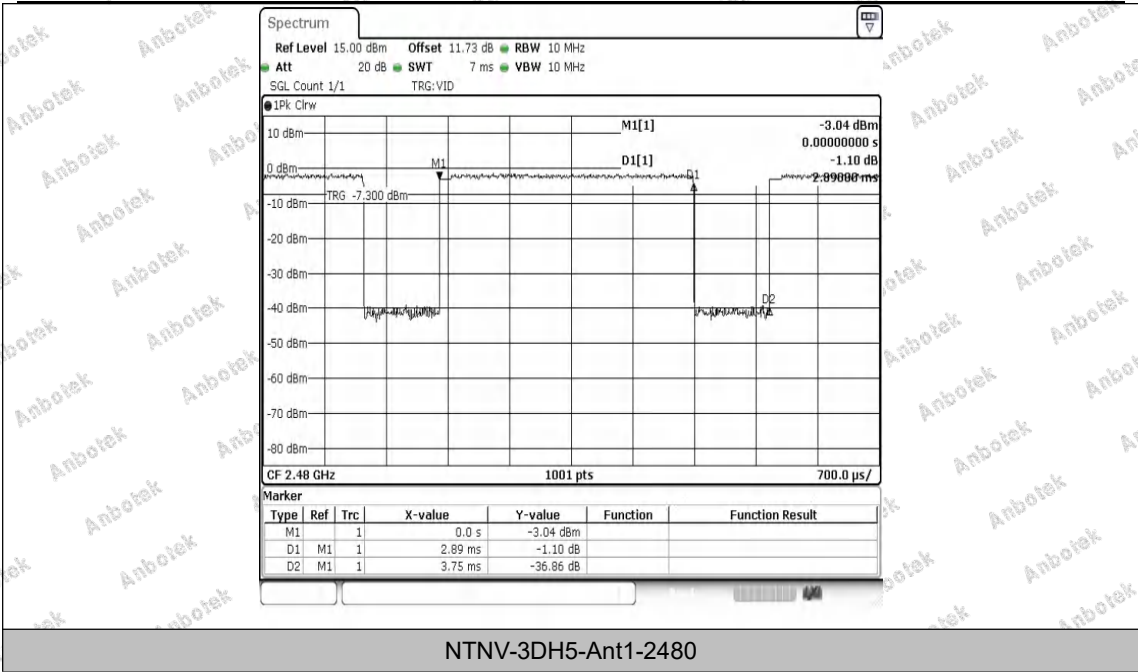


NTNV-3DH5-Ant1-2402



NTNV-3DH5-Ant1-2441





---END---

