

Appendix Test Data

Report No:	1819C40008212501	Test Sample NO:	1-2-2
Start Test Date:	2024.8.9	Finish Test Date:	2024.8.10
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	23.4℃	Relative Humidity:	45%
Pressure:	101 kPa		

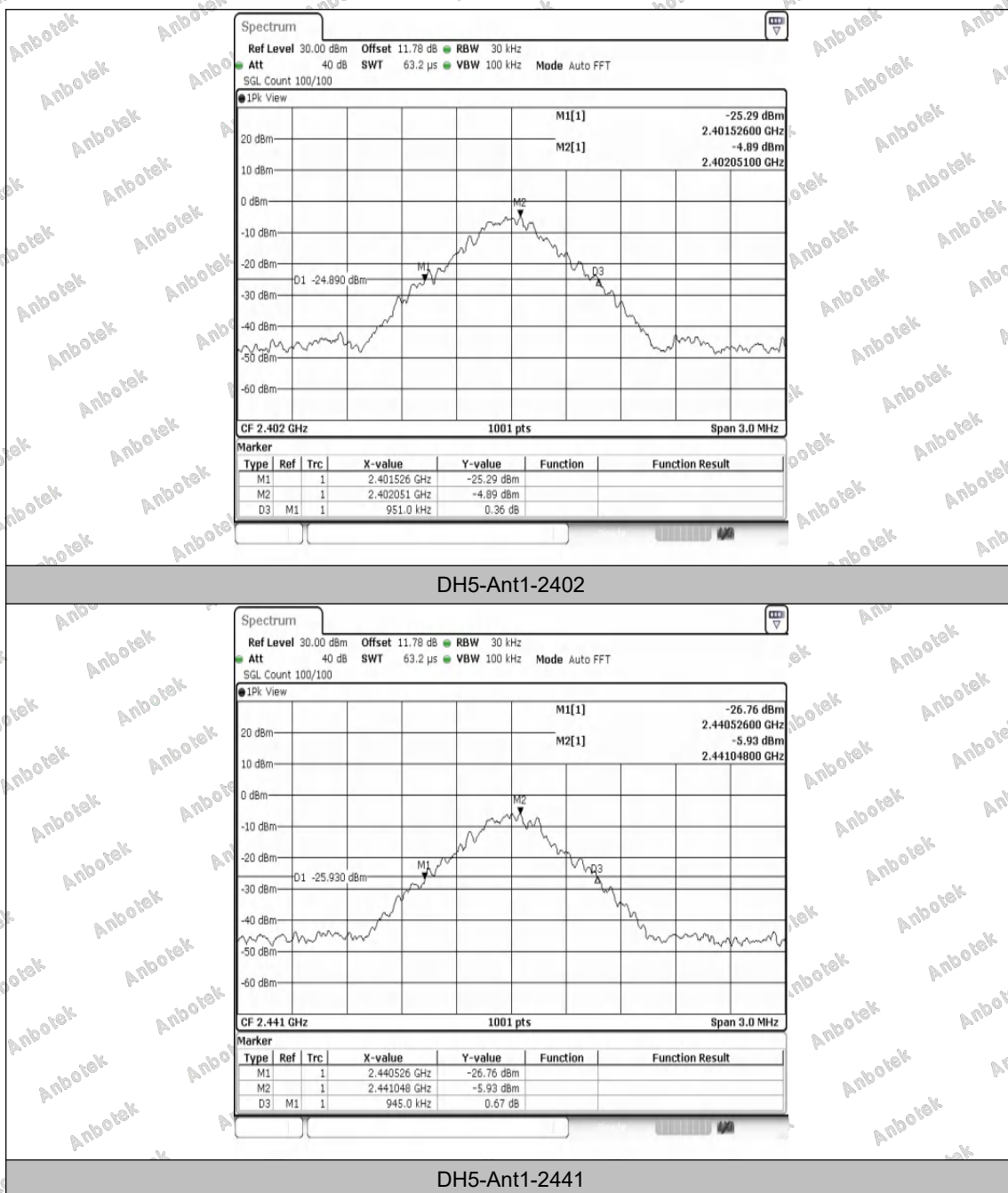
Appendix A: 20dB Emission Bandwidth

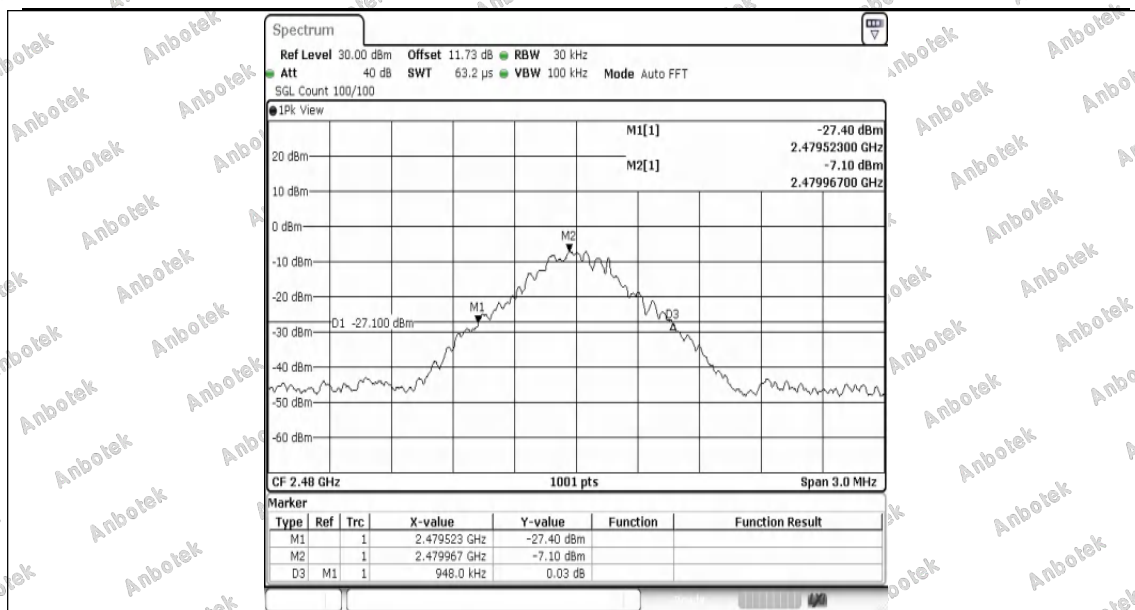
Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.95	2401.53	2402.48	---	---
DH5	Ant1	2441	0.95	2440.53	2441.47	---	---
DH5	Ant1	2480	0.95	2479.52	2480.47	---	---
2DH5	Ant1	2402	1.33	2401.33	2402.66	---	---
2DH5	Ant1	2441	1.34	2440.32	2441.66	---	---
2DH5	Ant1	2480	1.32	2479.33	2480.65	---	---
3DH5	Ant1	2402	1.28	2401.34	2402.62	---	---
3DH5	Ant1	2441	1.30	2440.34	2441.65	---	---
3DH5	Ant1	2480	1.33	2479.31	2480.64	---	---

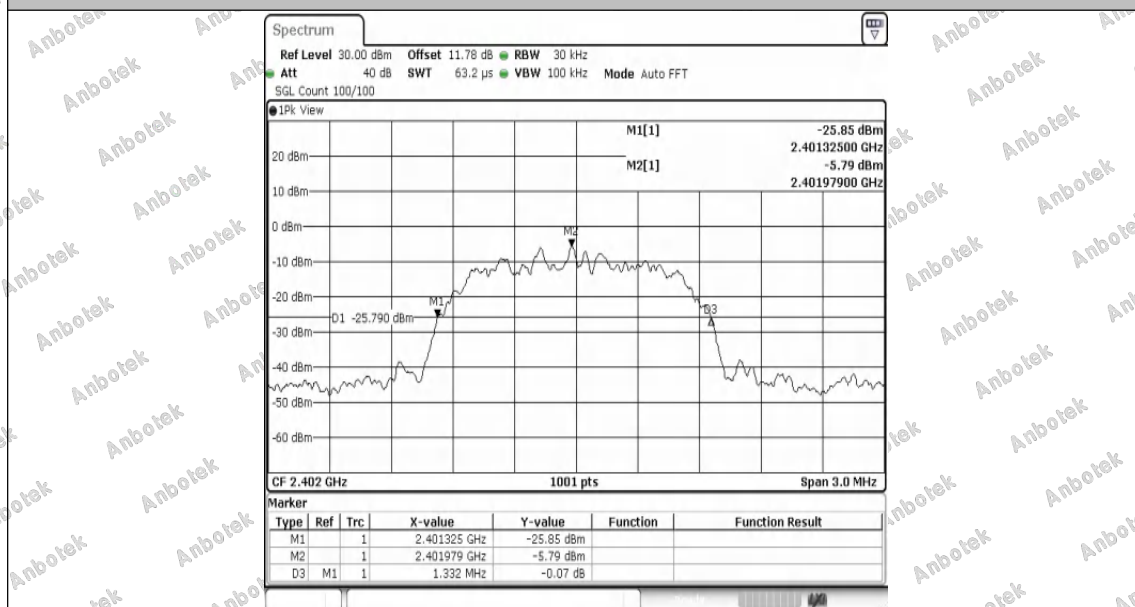


Test Graphs



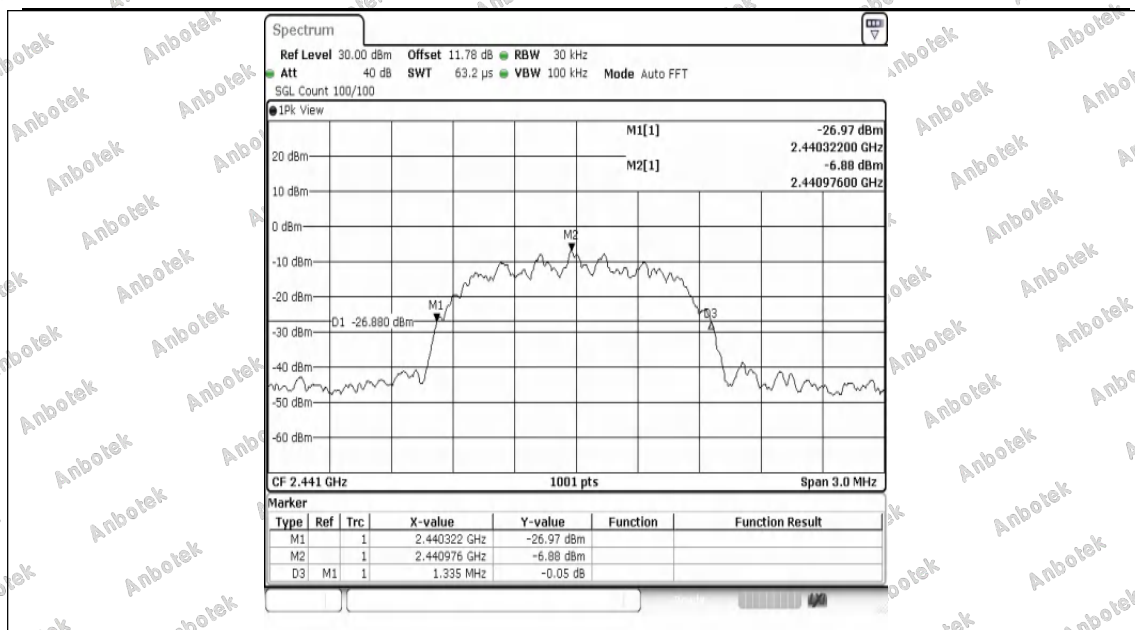


DH5-Ant1-2480

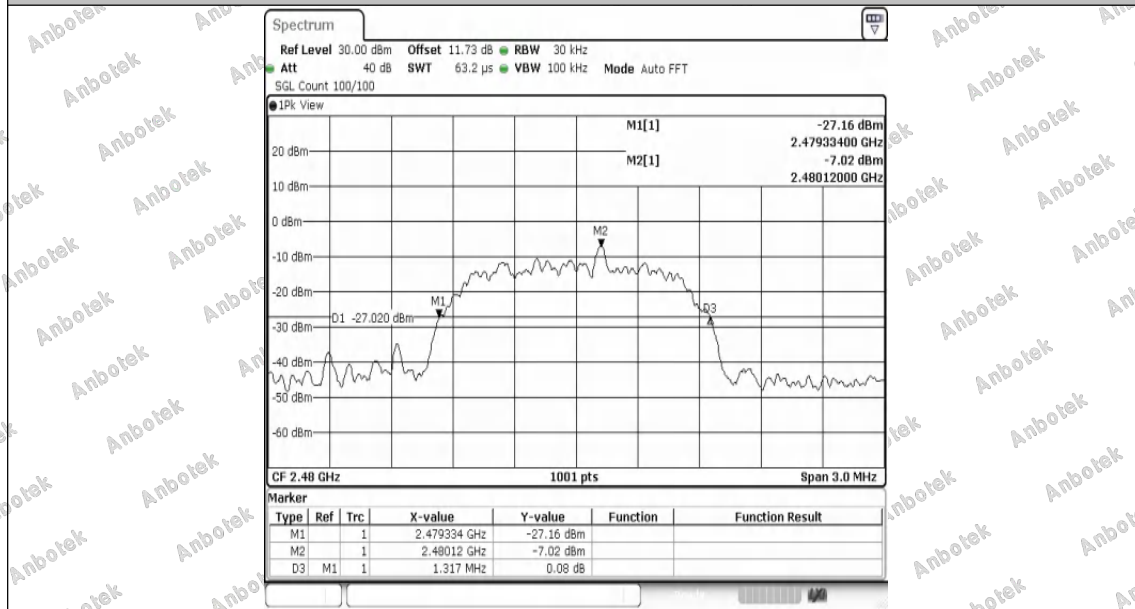


2DH5-Ant1-2402



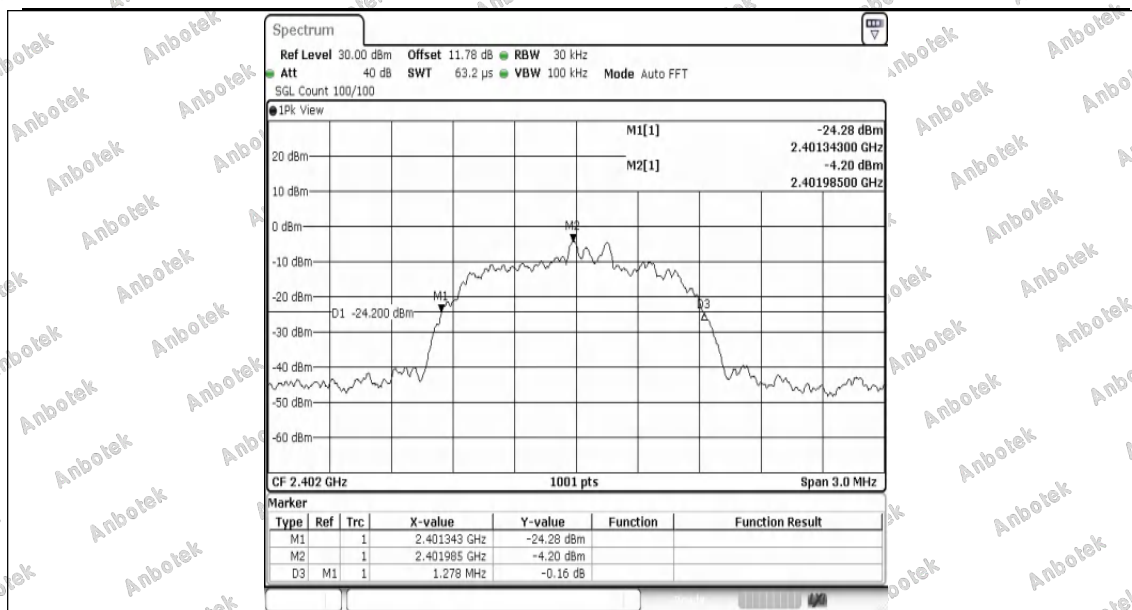


2DH5-Ant1-2441

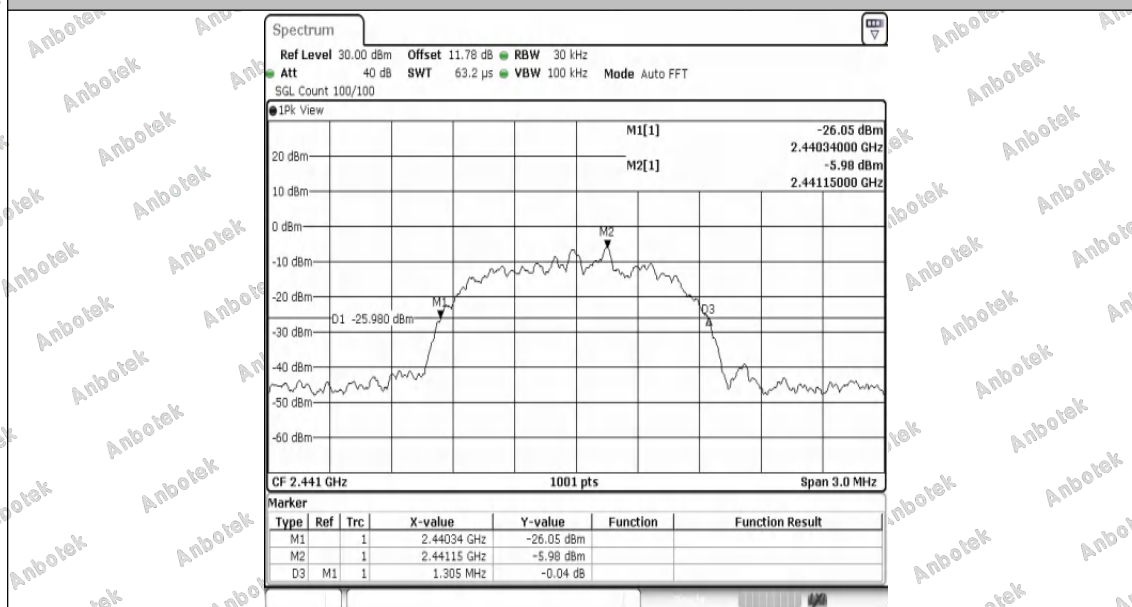


2DH5-Ant1-2480



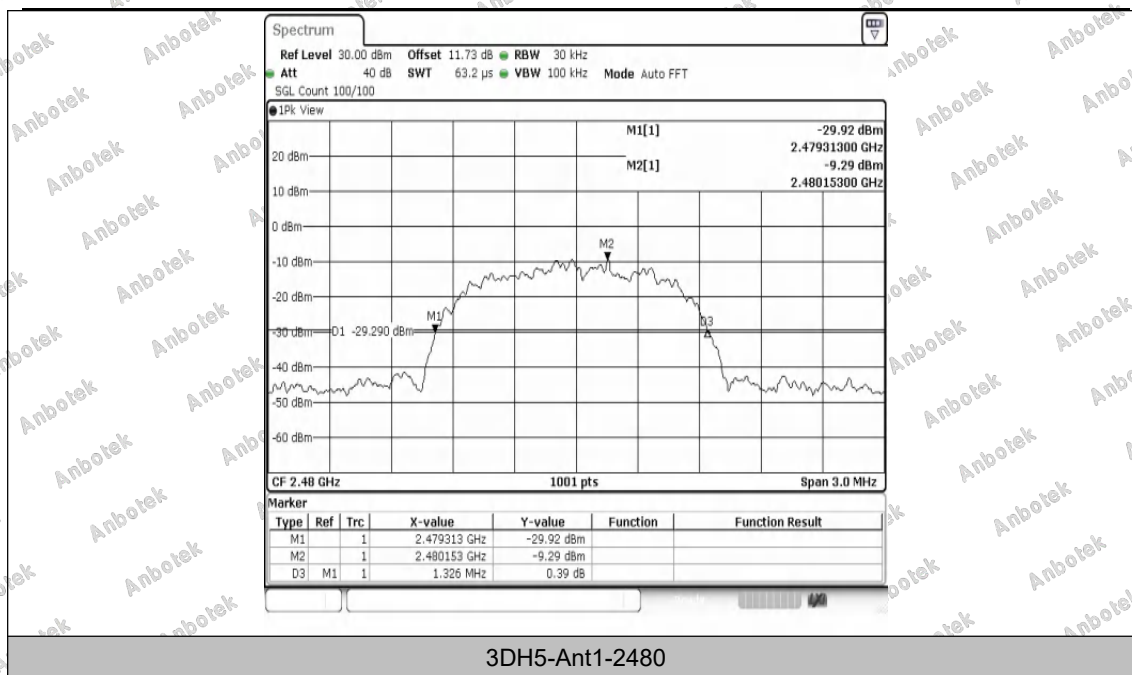


3DH5-Ant1-2402



3DH5-Ant1-2441





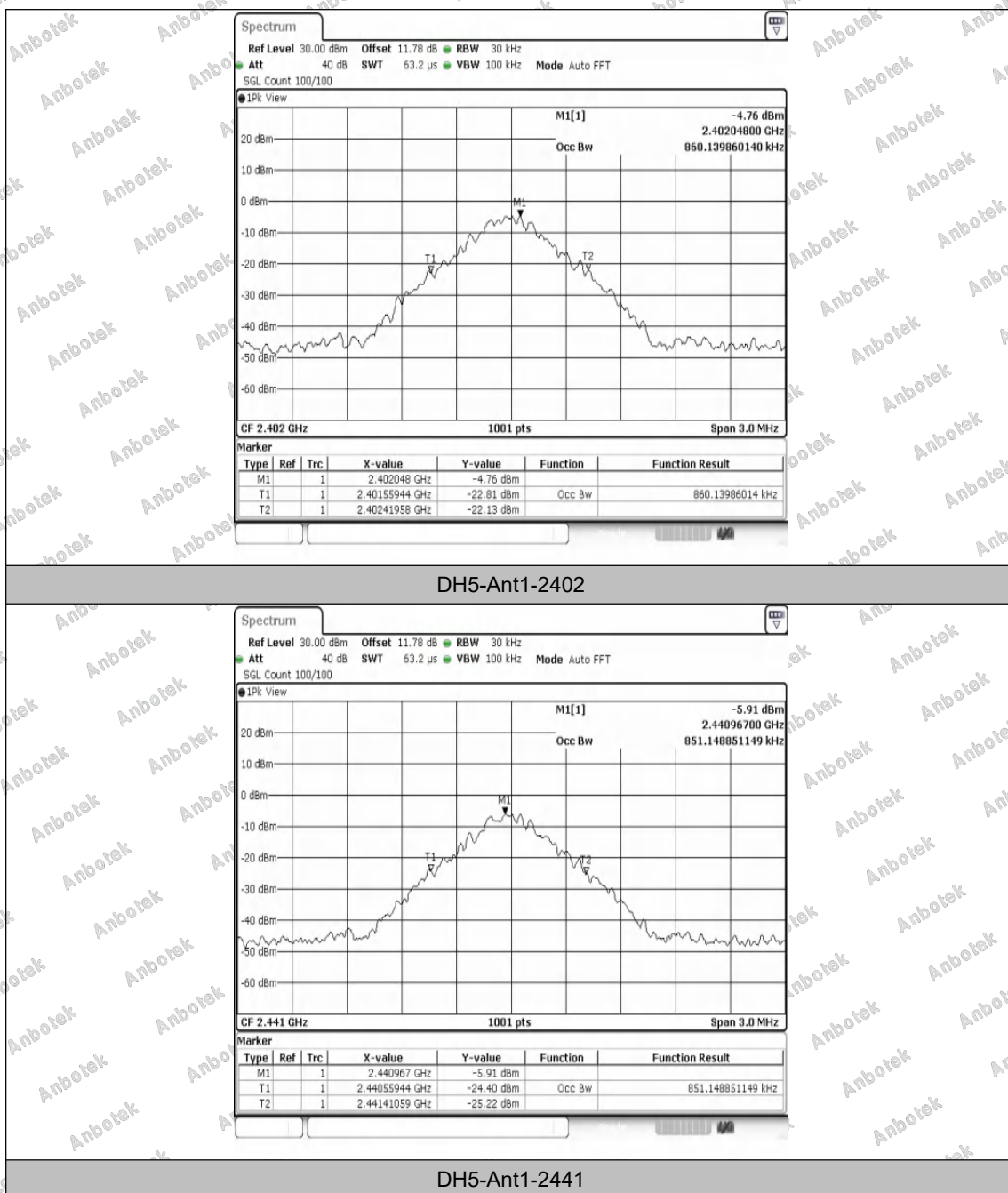
Appendix B: Occupied Channel Bandwidth

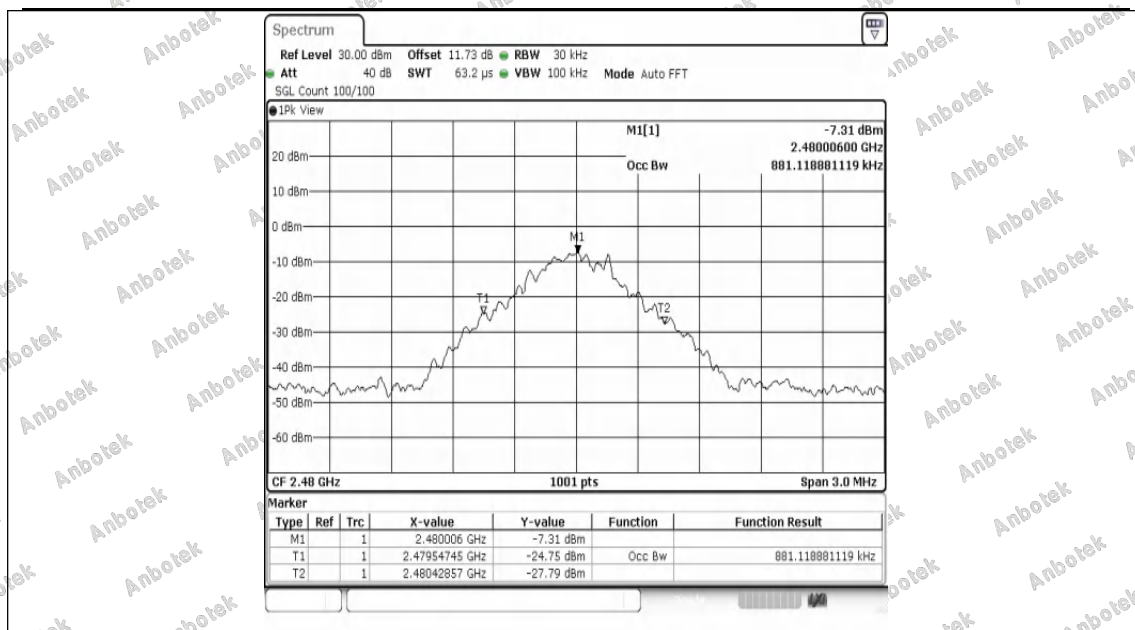
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.86	2401.5594	2402.4196	---	---
DH5	Ant1	2441	0.851	2440.5594	2441.4106	---	---
DH5	Ant1	2480	0.881	2479.5475	2480.4286	---	---
2DH5	Ant1	2402	1.196	2401.3886	2402.5844	---	---
2DH5	Ant1	2441	1.193	2440.3916	2441.5844	---	---
2DH5	Ant1	2480	1.193	2479.3946	2480.5874	---	---
3DH5	Ant1	2402	1.178	2401.4006	2402.5784	---	---
3DH5	Ant1	2441	1.178	2440.4006	2441.5784	---	---
3DH5	Ant1	2480	1.178	2479.4006	2480.5784	---	---

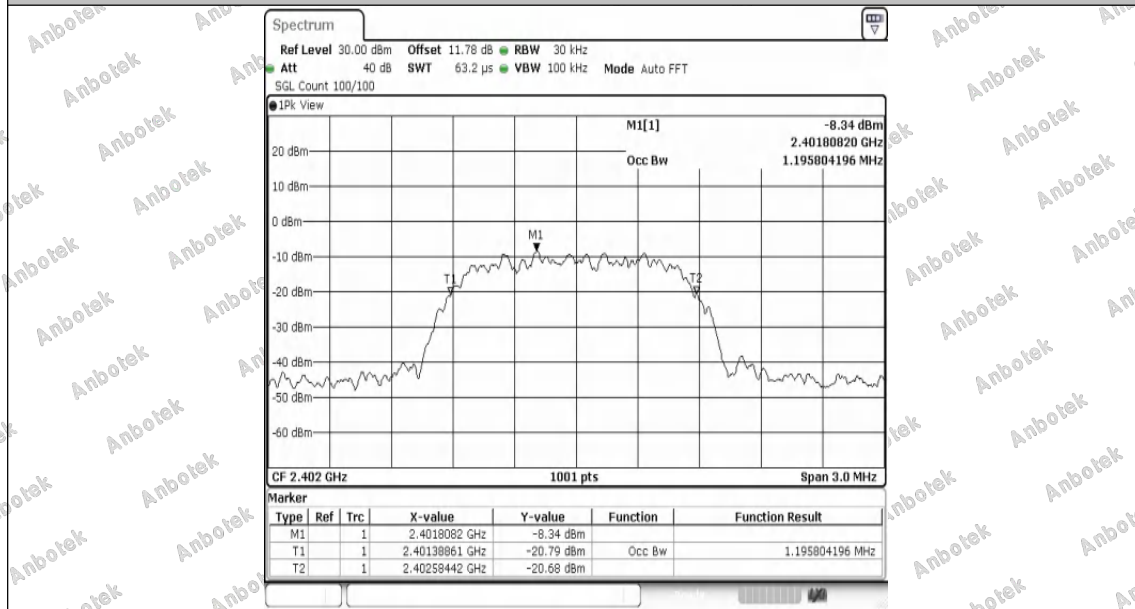


Test Graphs



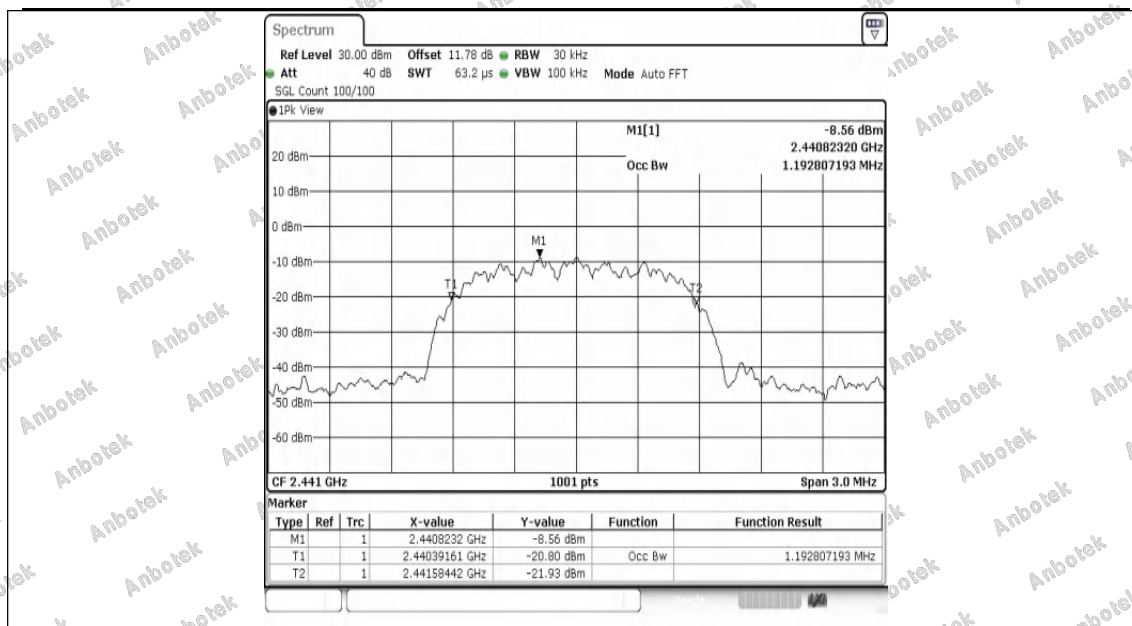


DH5-Ant1-2480

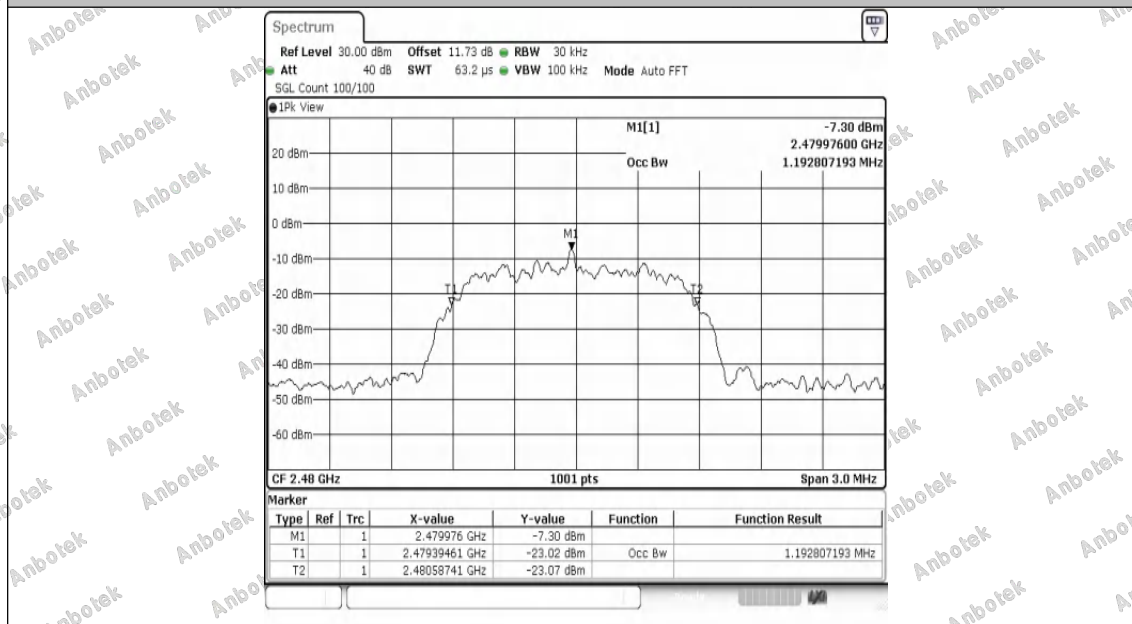


2DH5-Ant1-2402



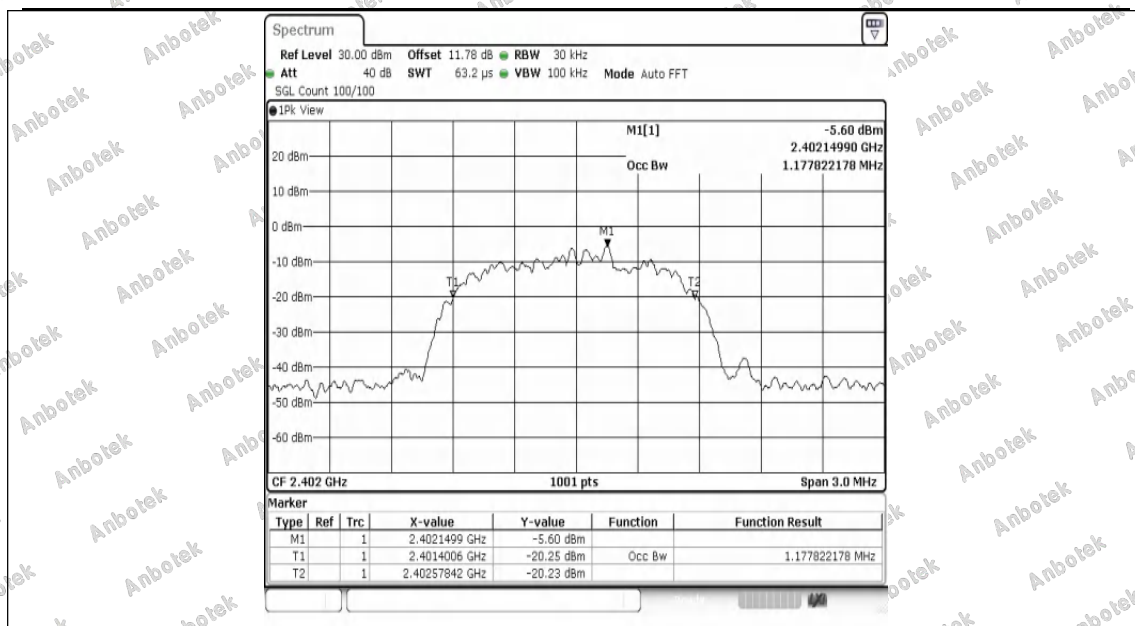


2DH5-Ant1-2441

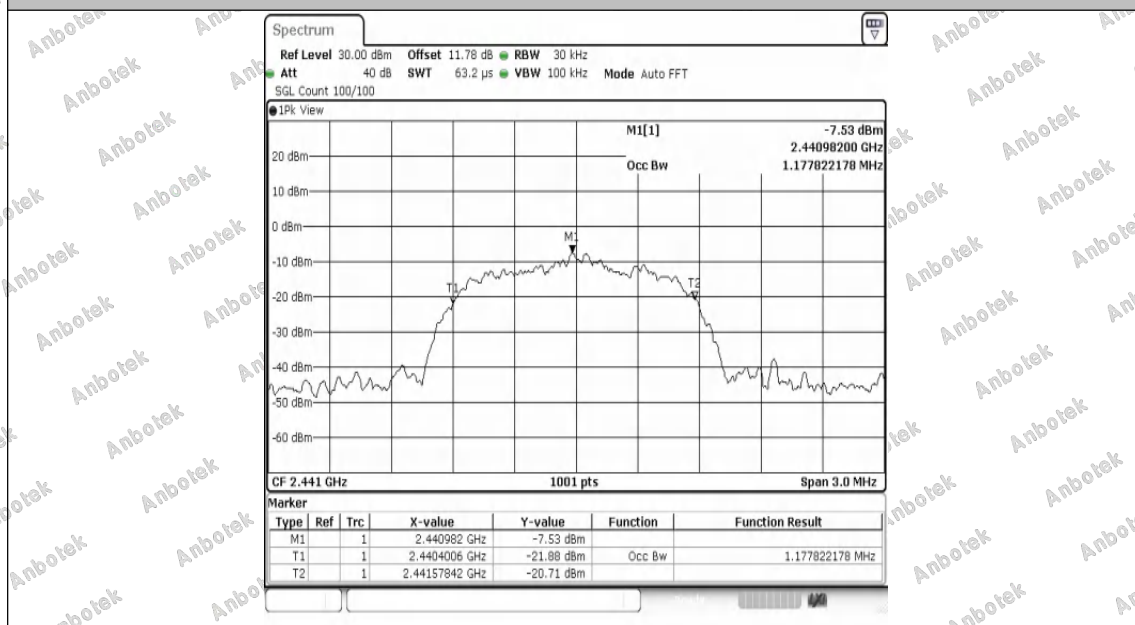


2DH5-Ant1-2480



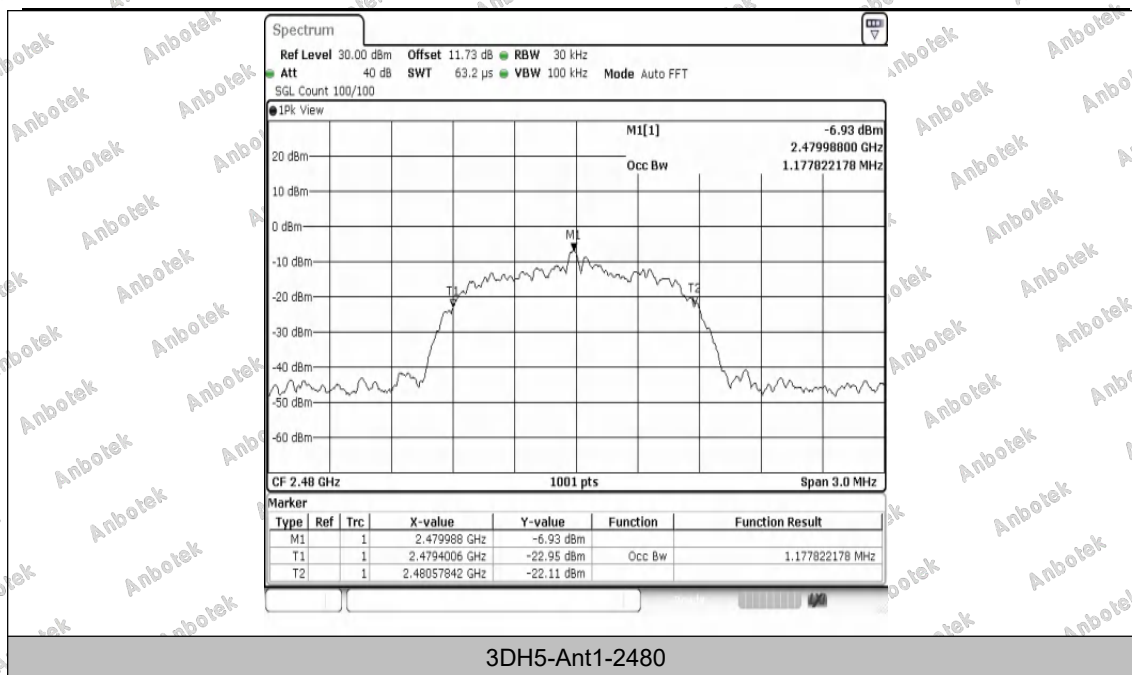


3DH5-Ant1-2402



3DH5-Ant1-2441



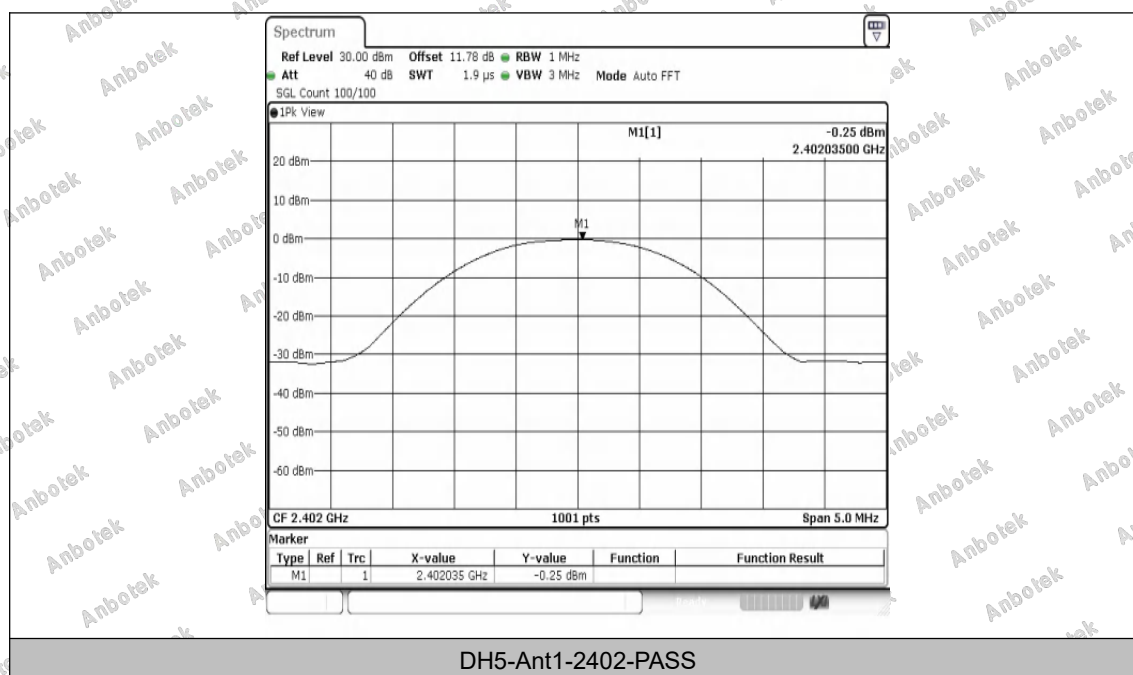


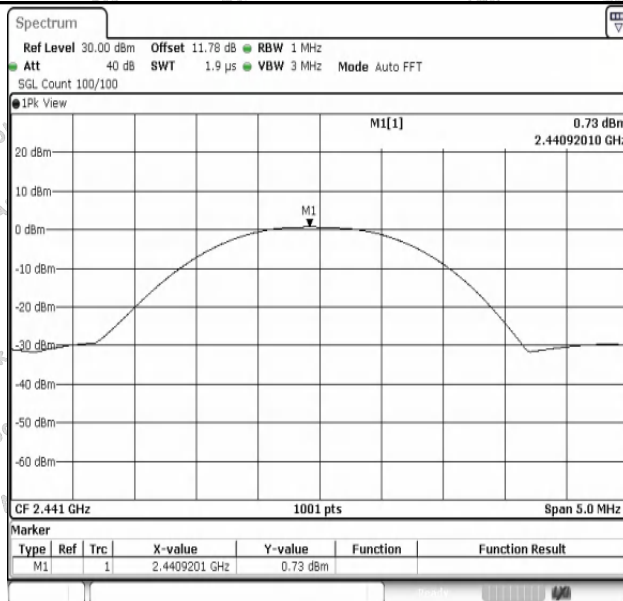
Appendix C: Maximum conducted output power

Test Result Peak

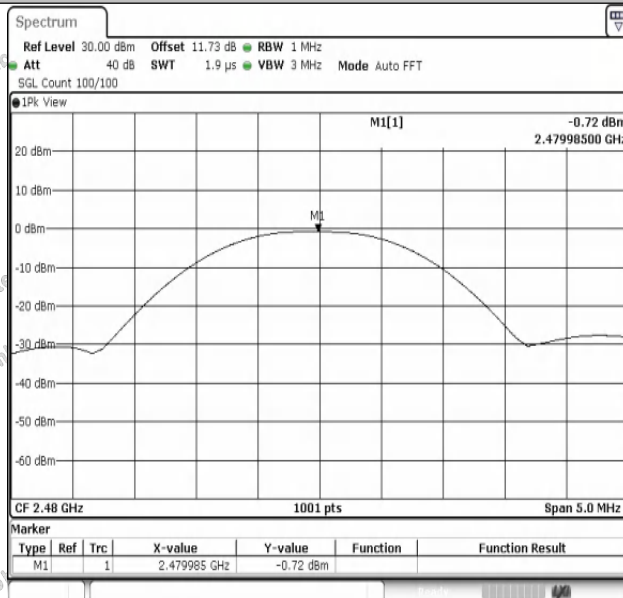
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-0.25	≤20.97	PASS
DH5	Ant1	2441	-0.73	≤20.97	PASS
DH5	Ant1	2480	-0.72	≤20.97	PASS
2DH5	Ant1	2402	-1.53	≤20.97	PASS
2DH5	Ant1	2441	-0.49	≤20.97	PASS
2DH5	Ant1	2480	-1.24	≤20.97	PASS
3DH5	Ant1	2402	-2.29	≤20.97	PASS
3DH5	Ant1	2441	-0.82	≤20.97	PASS
3DH5	Ant1	2480	-1.91	≤20.97	PASS

Test Graphs



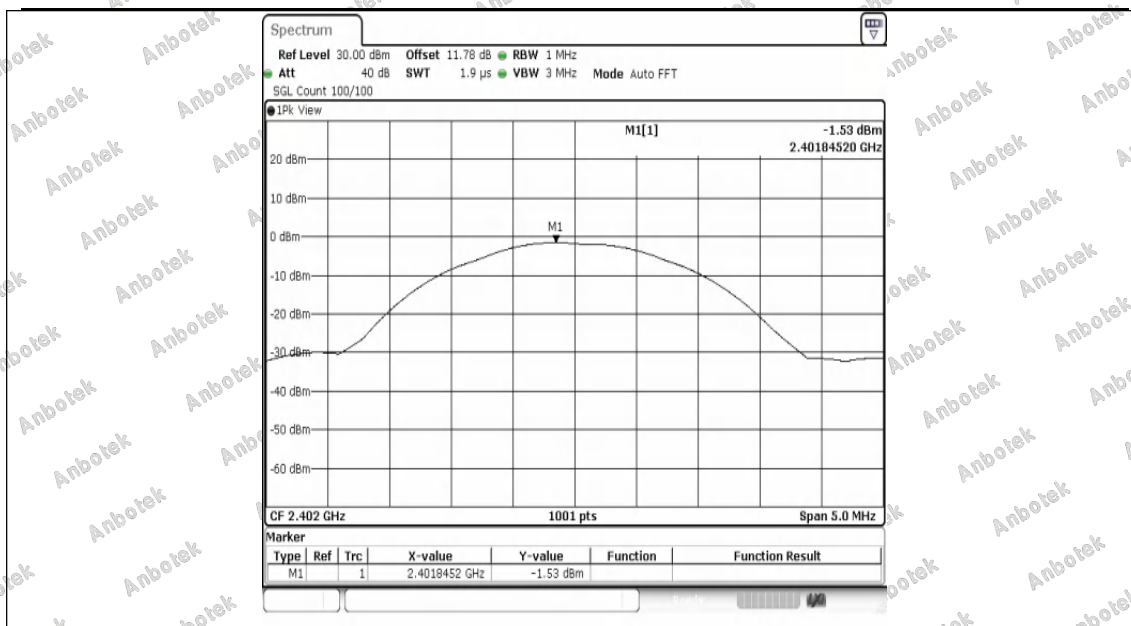


DH5-Ant1-2441-PASS

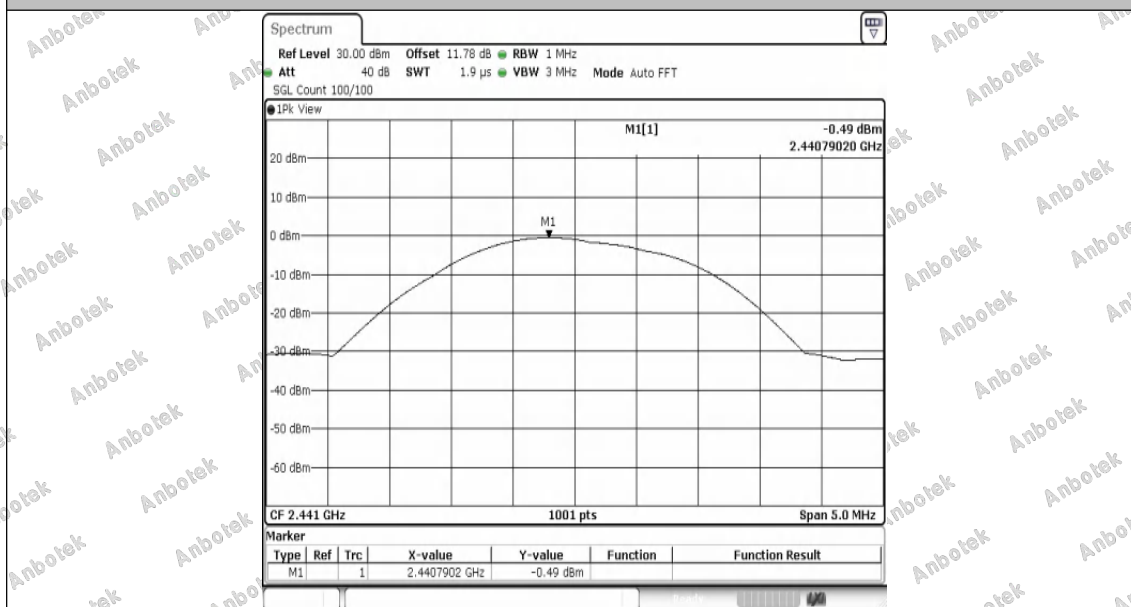


DH5-Ant1-2480-PASS



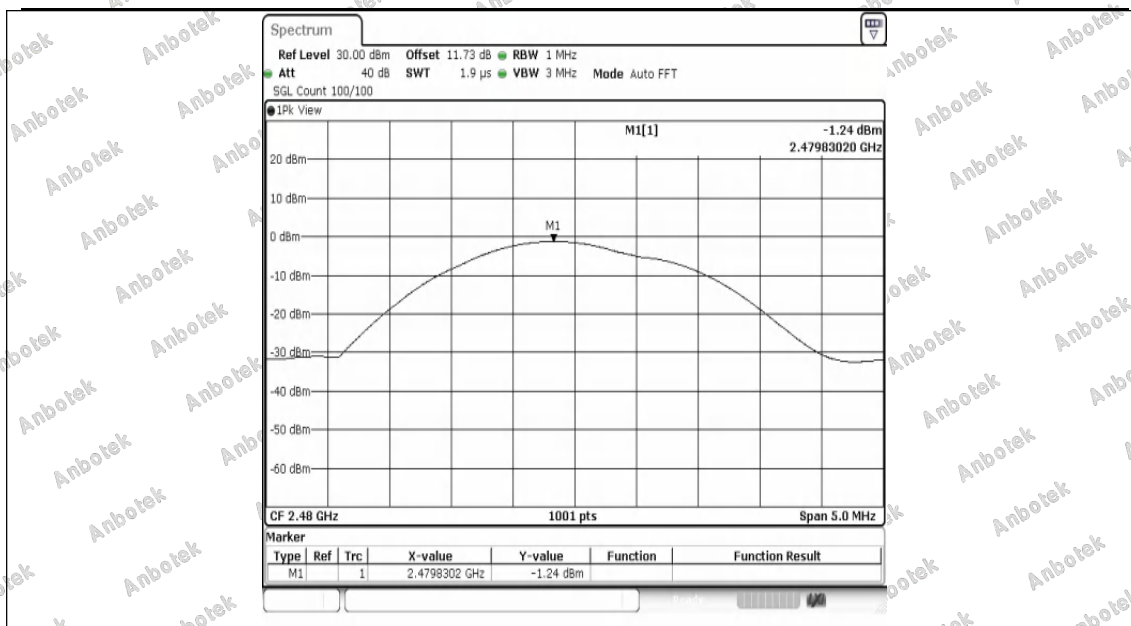


2DH5-Ant1-2402-PASS

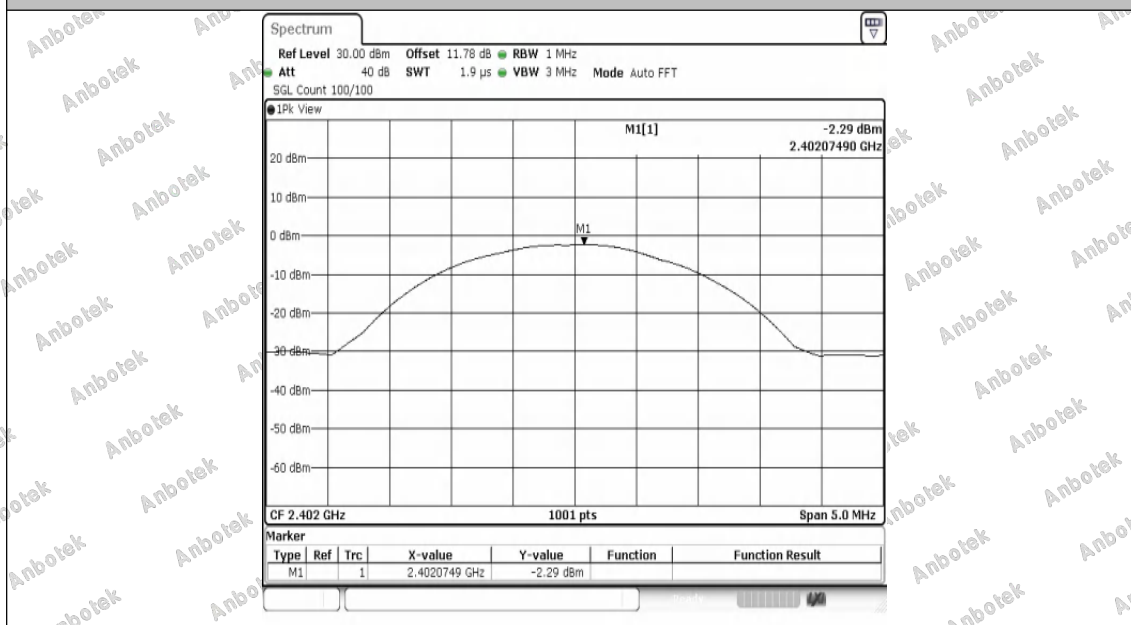


2DH5-Ant1-2441-PASS



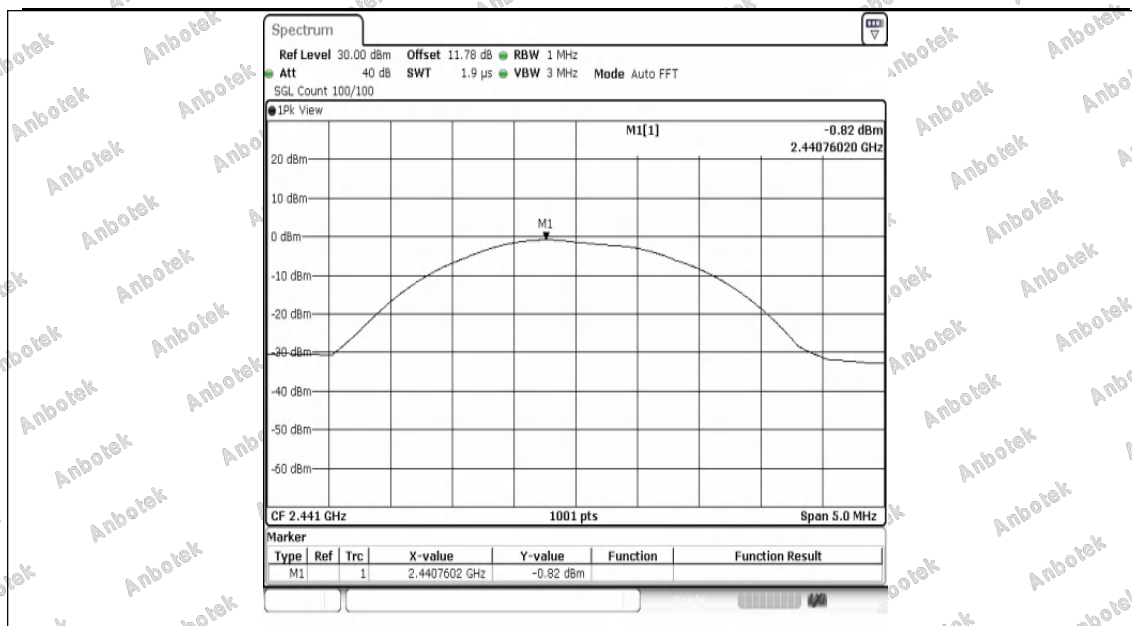


2DH5-Ant1-2480-PASS

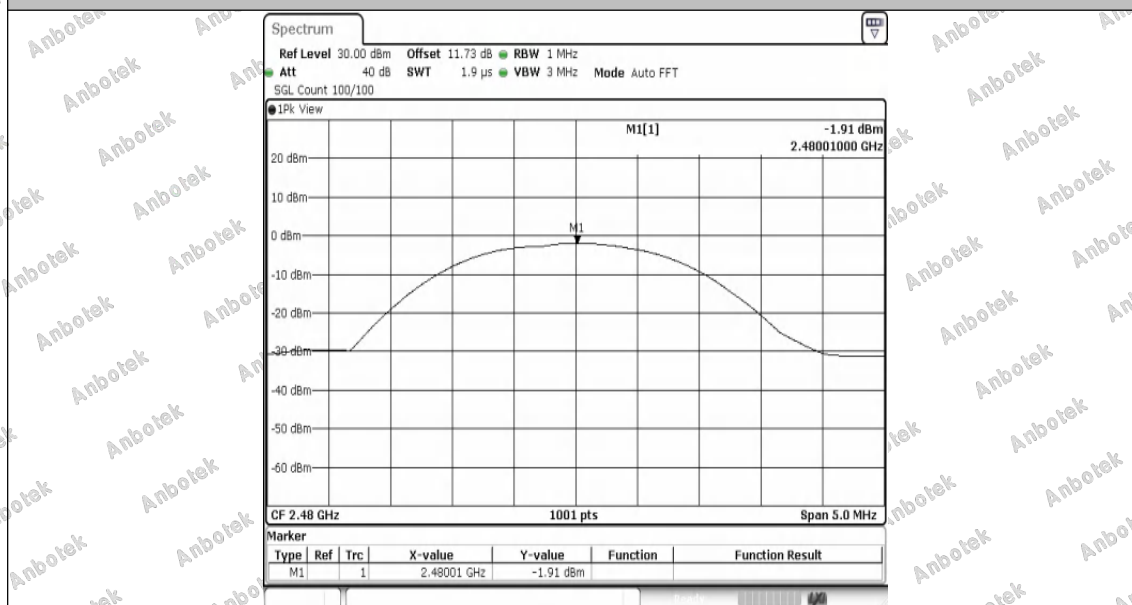


3DH5-Ant1-2402-PASS





3DH5-Ant1-2441-PASS



3DH5-Ant1-2480-PASS



Appendix D: Carrier frequency separation

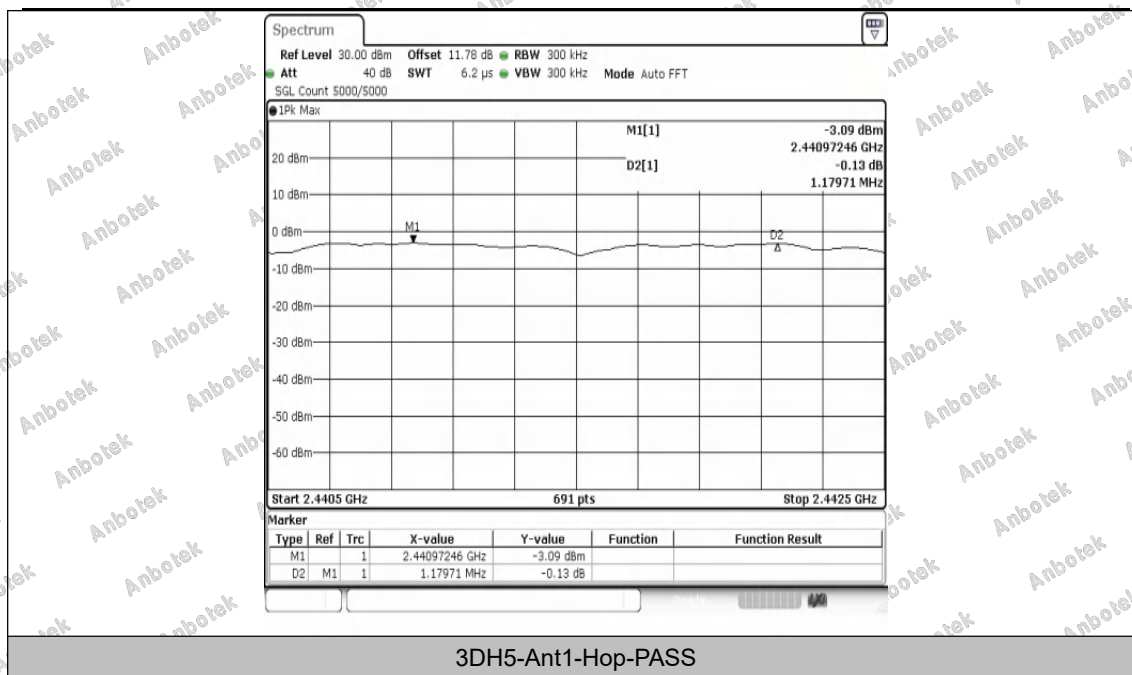
Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.316	≥0.633	PASS
2DH5	Ant1	Hop	1.325	≥0.893	PASS
3DH5	Ant1	Hop	1.18	≥0.887	PASS



Test Graphs





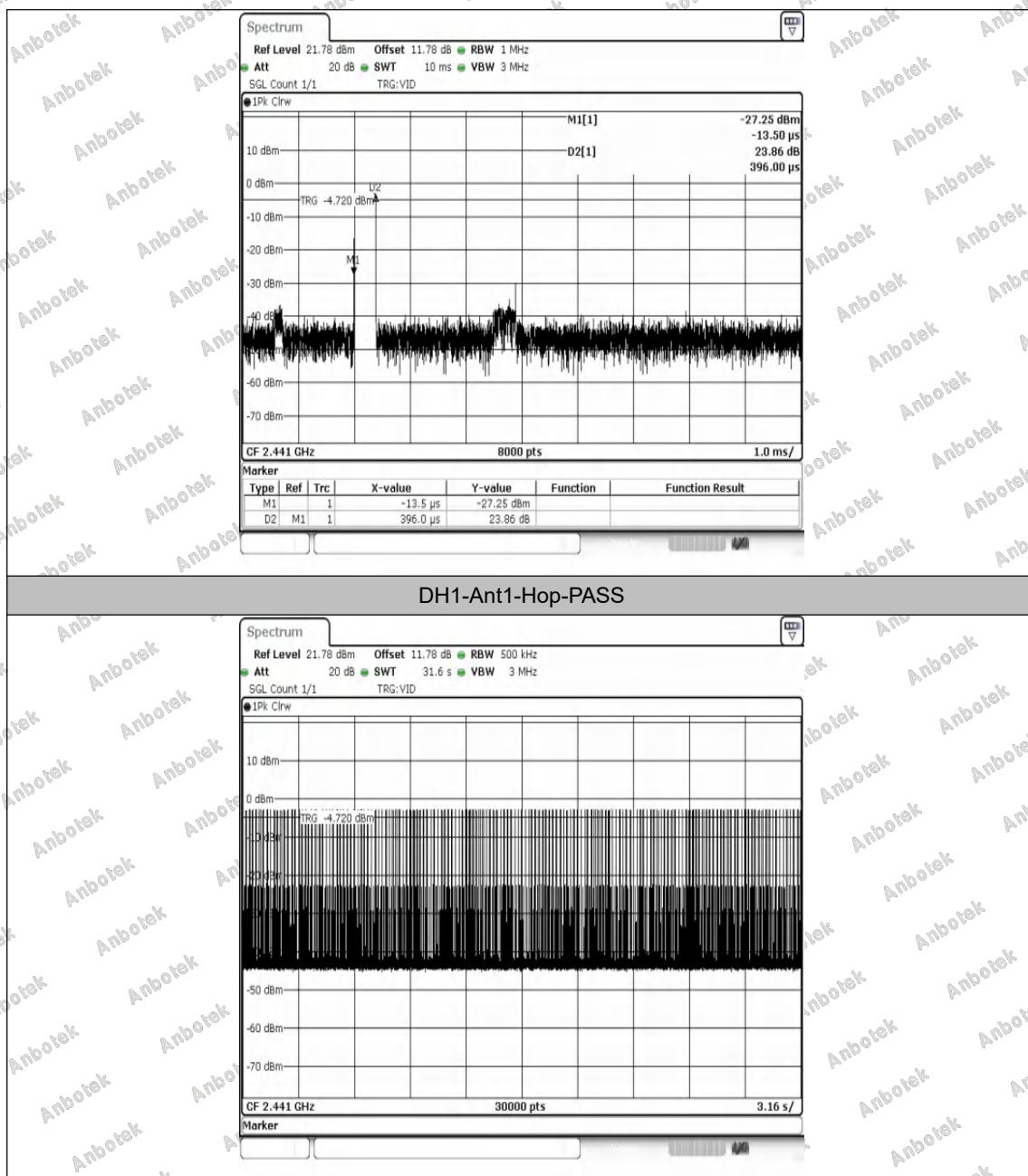
Appendix E: Time of occupancy

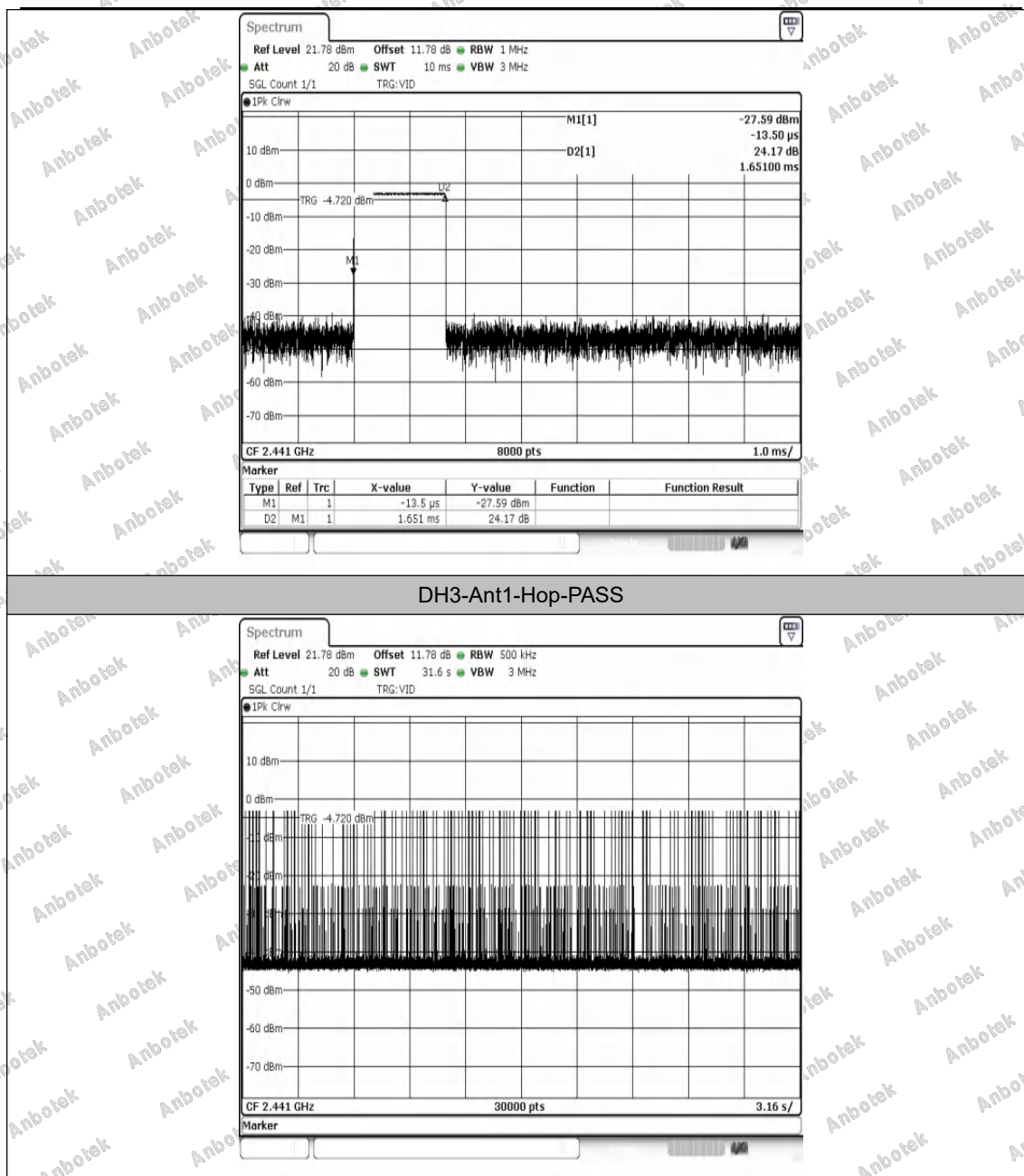
Test Result

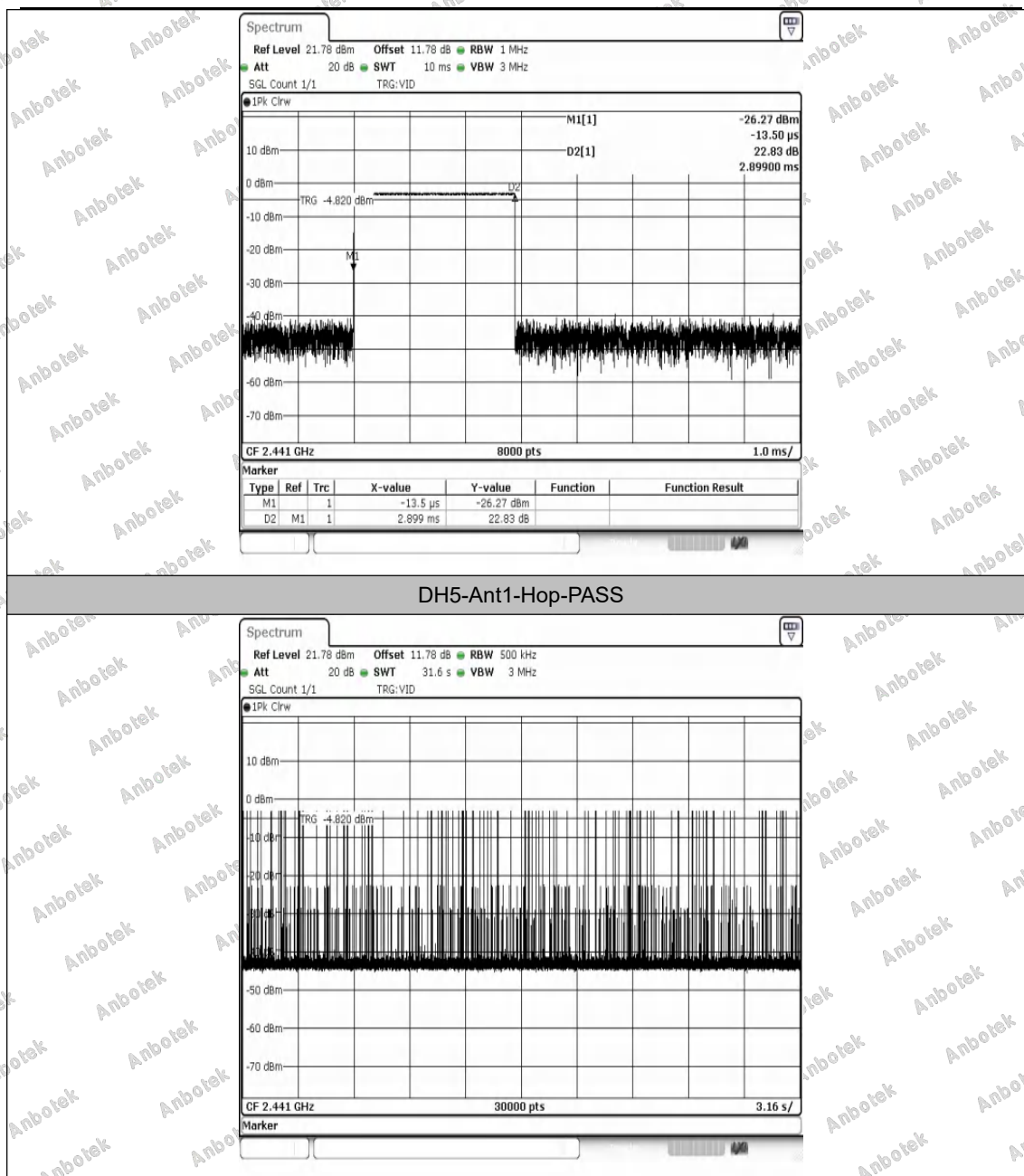
TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.396	320	0.127	≤0.4	PASS
DH3	Ant1	Hop	1.651	155	0.256	≤0.4	PASS
DH5	Ant1	Hop	2.899	109	0.316	≤0.4	PASS
2DH1	Ant1	Hop	0.404	320	0.129	≤0.4	PASS
2DH3	Ant1	Hop	1.656	156	0.258	≤0.4	PASS
2DH5	Ant1	Hop	2.904	123	0.357	≤0.4	PASS
3DH1	Ant1	Hop	0.406	320	0.13	≤0.4	PASS
3DH3	Ant1	Hop	1.656	165	0.273	≤0.4	PASS
3DH5	Ant1	Hop	2.907	96	0.279	≤0.4	PASS

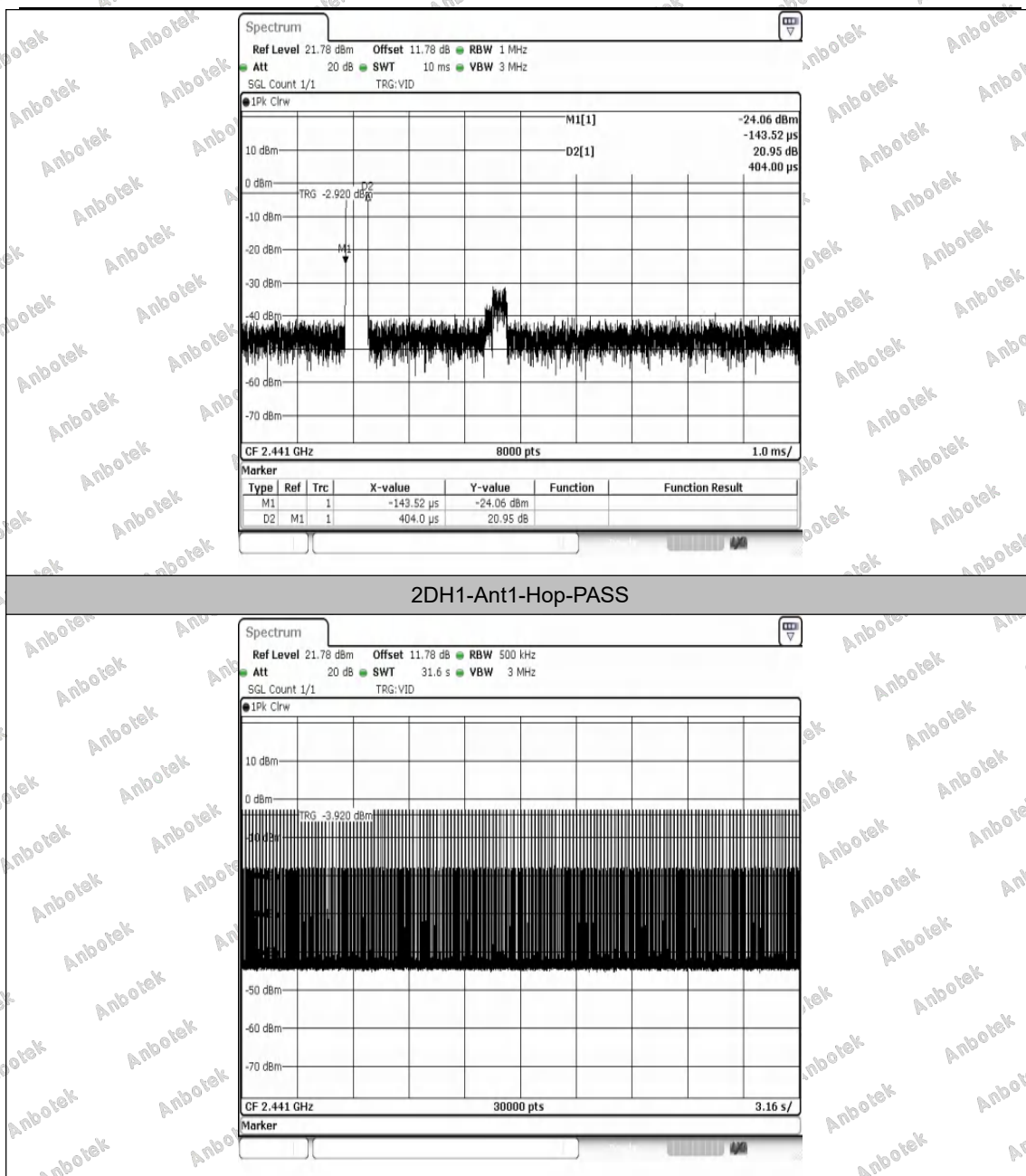


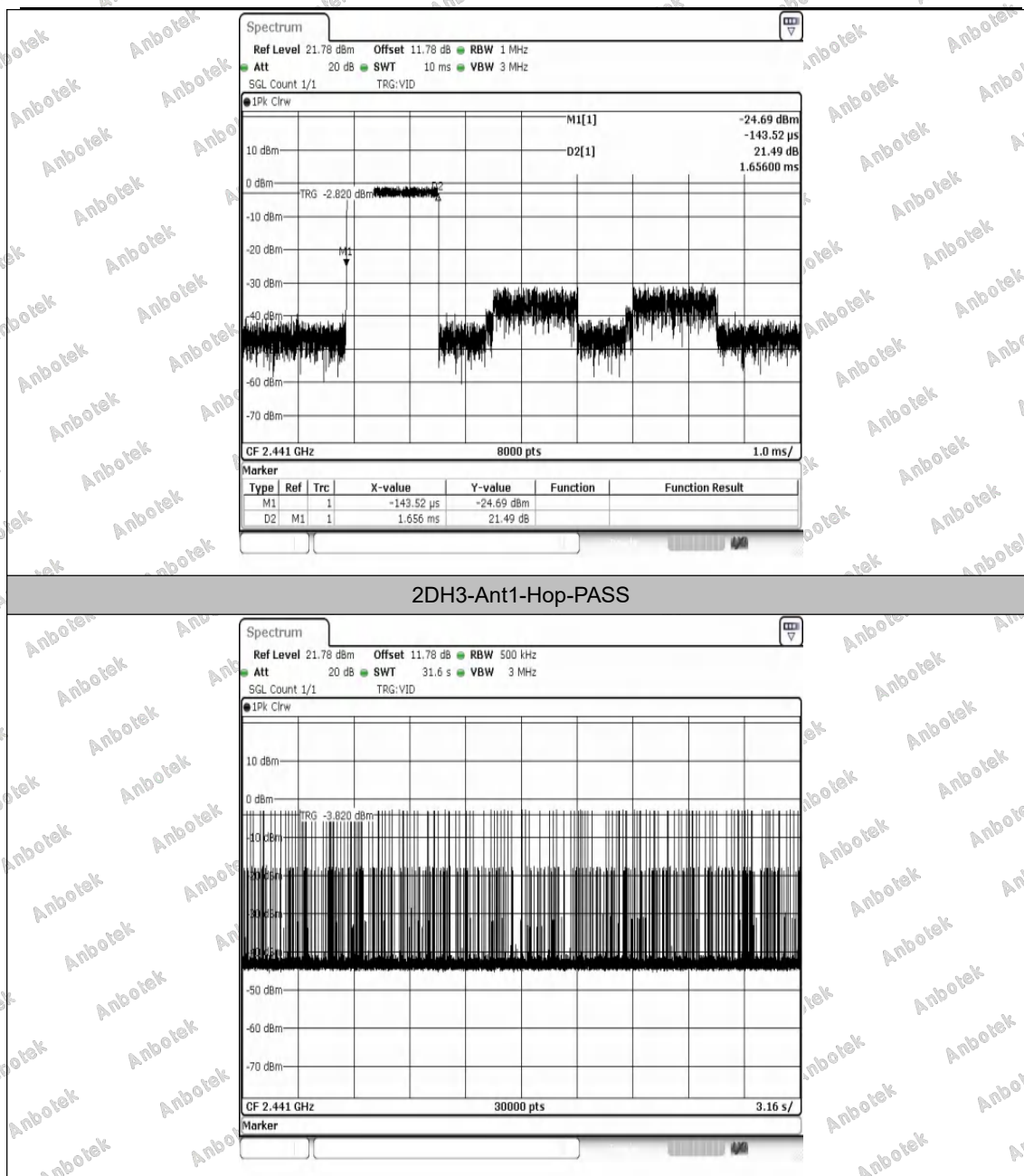
Test Graphs

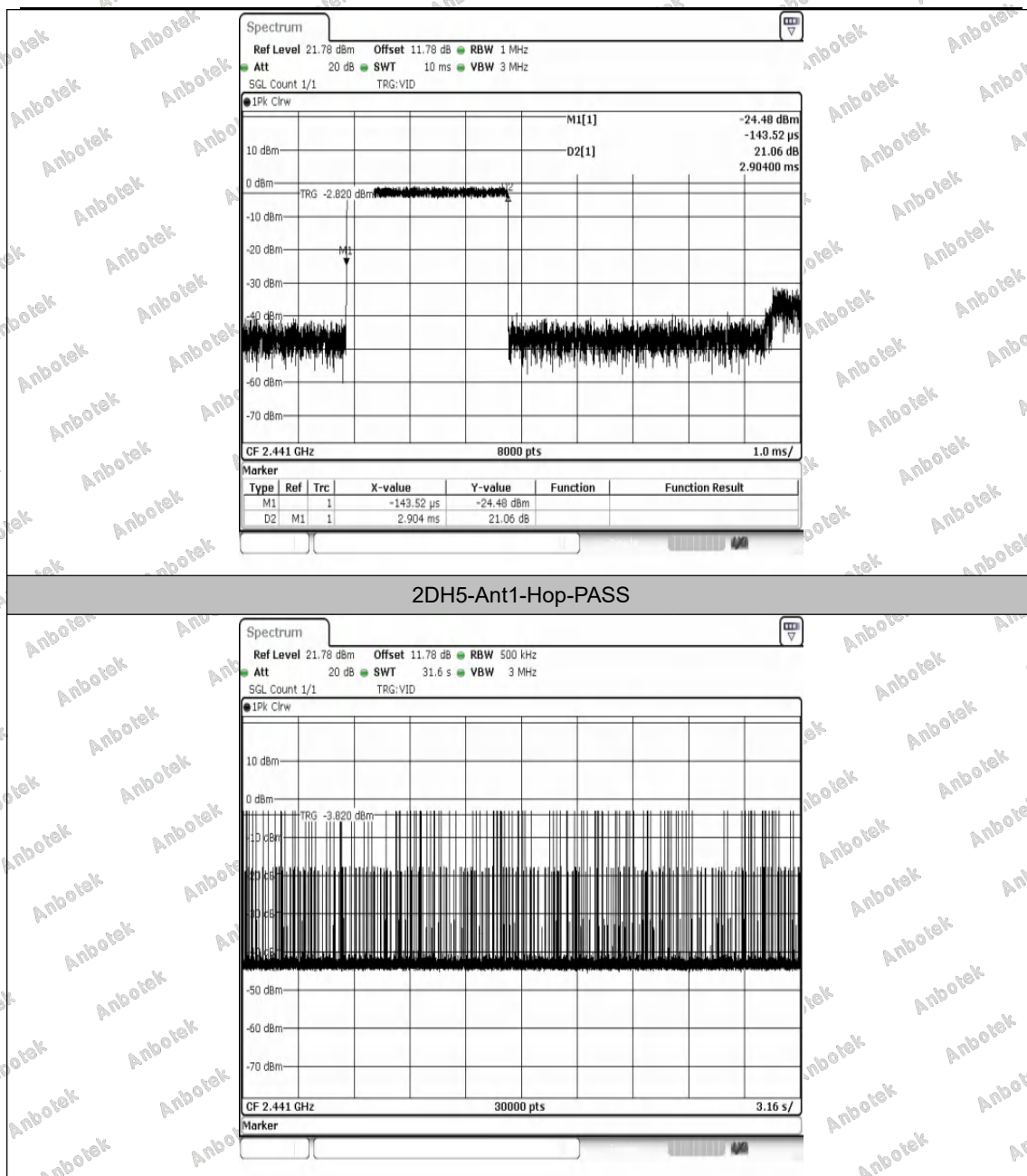


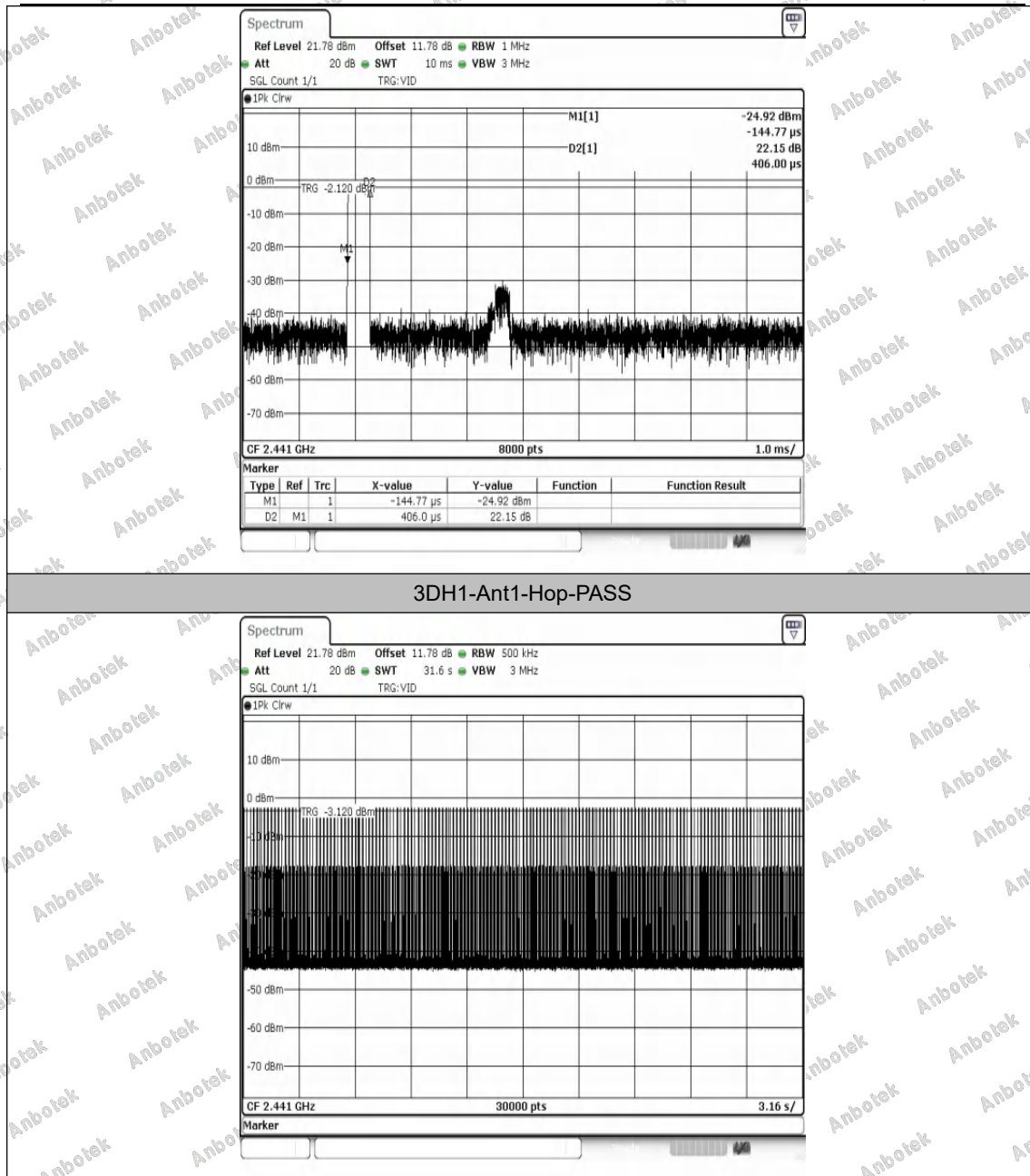


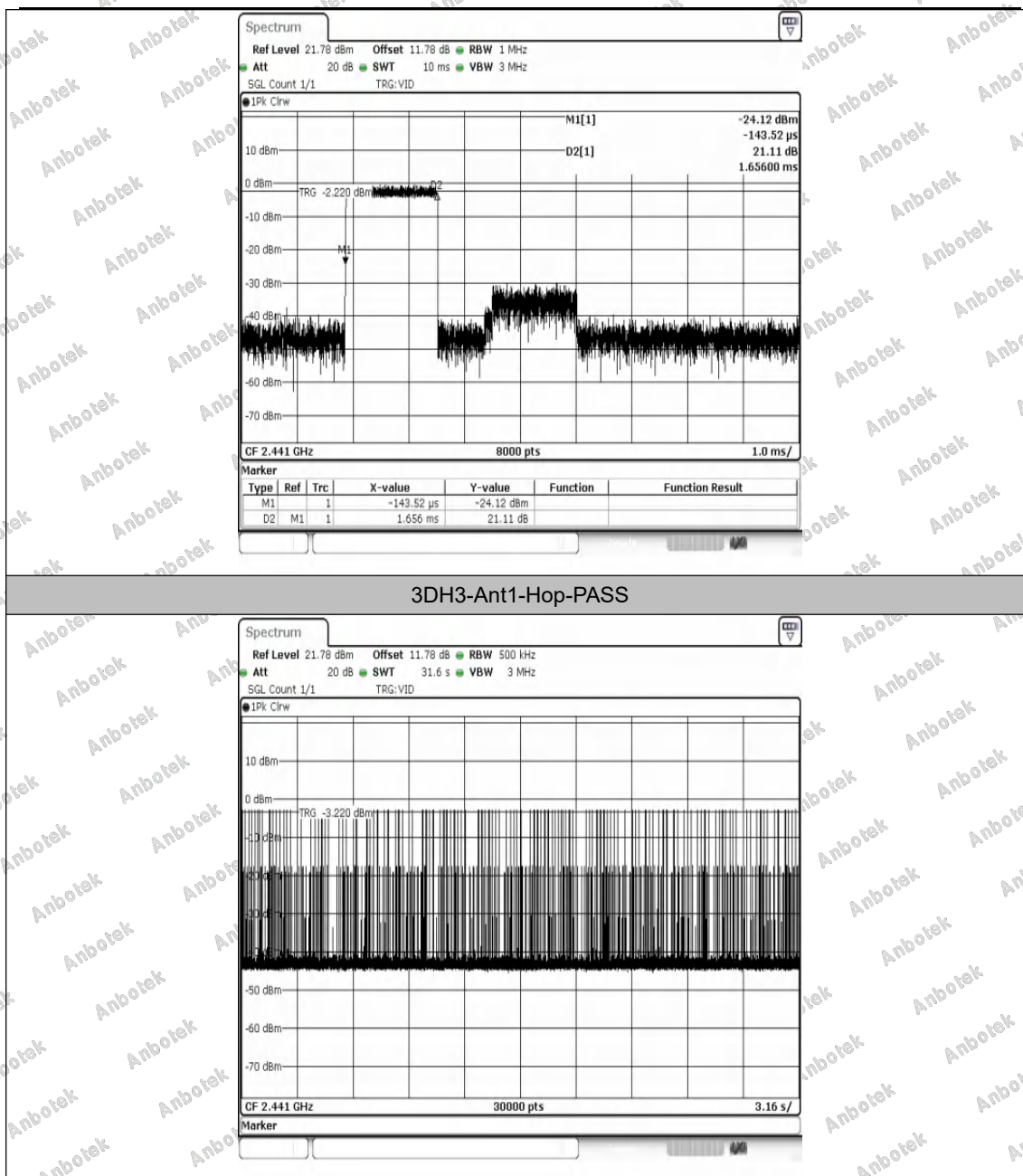


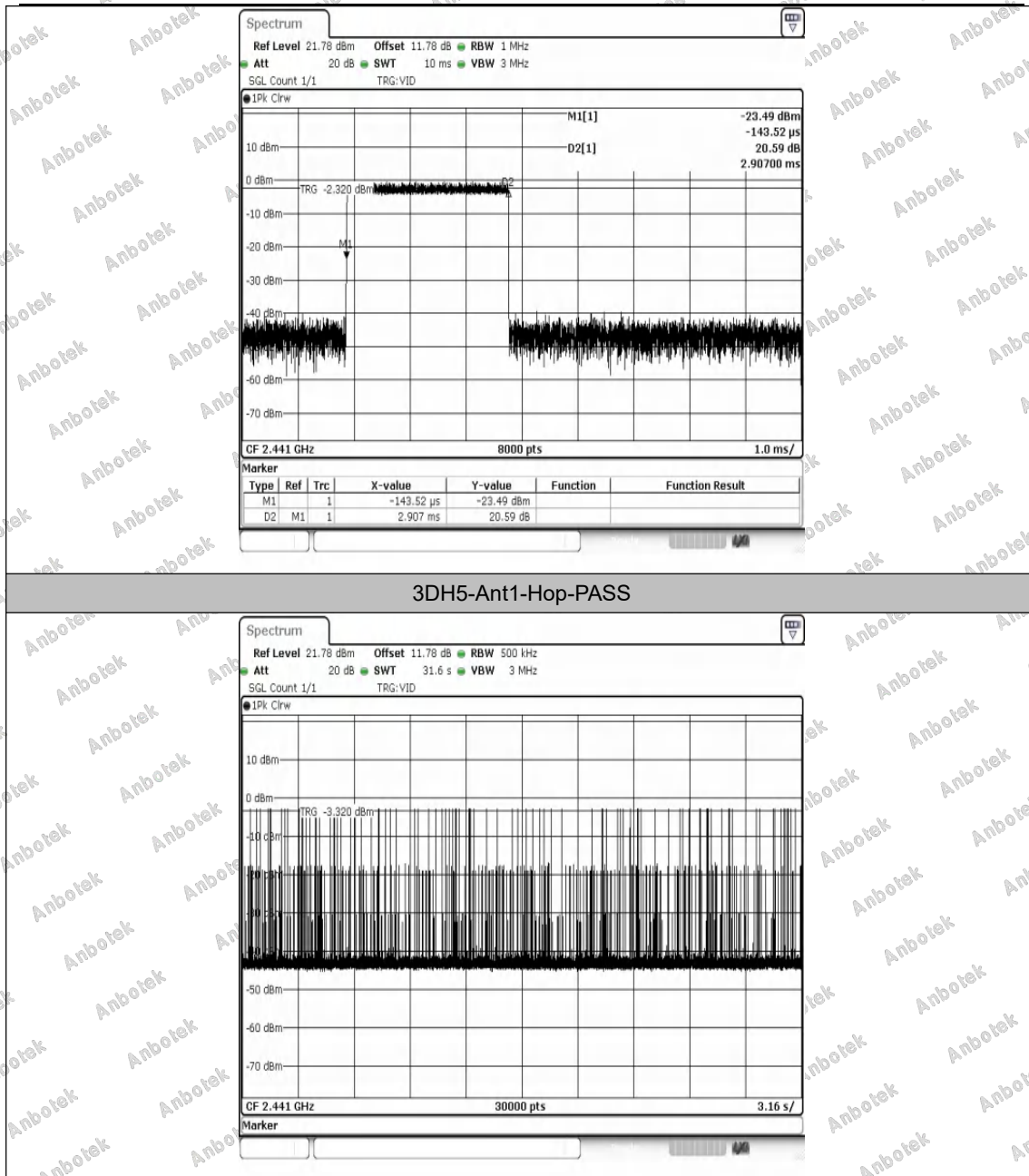












Appendix F: Number of hopping channels

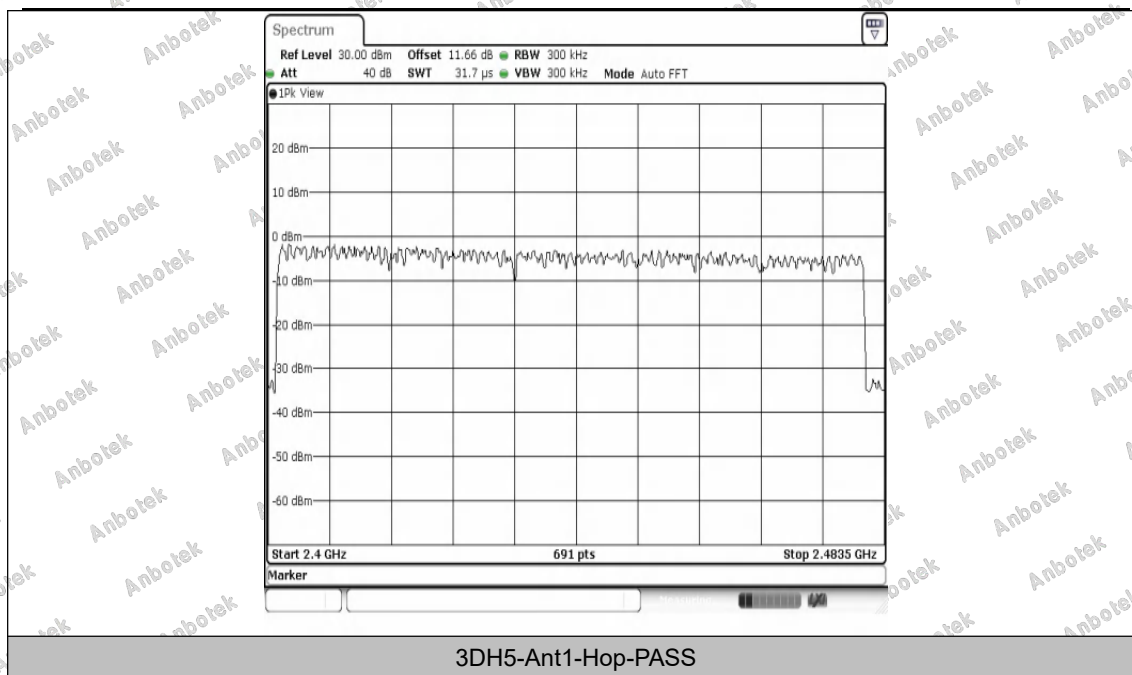
Test Result

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





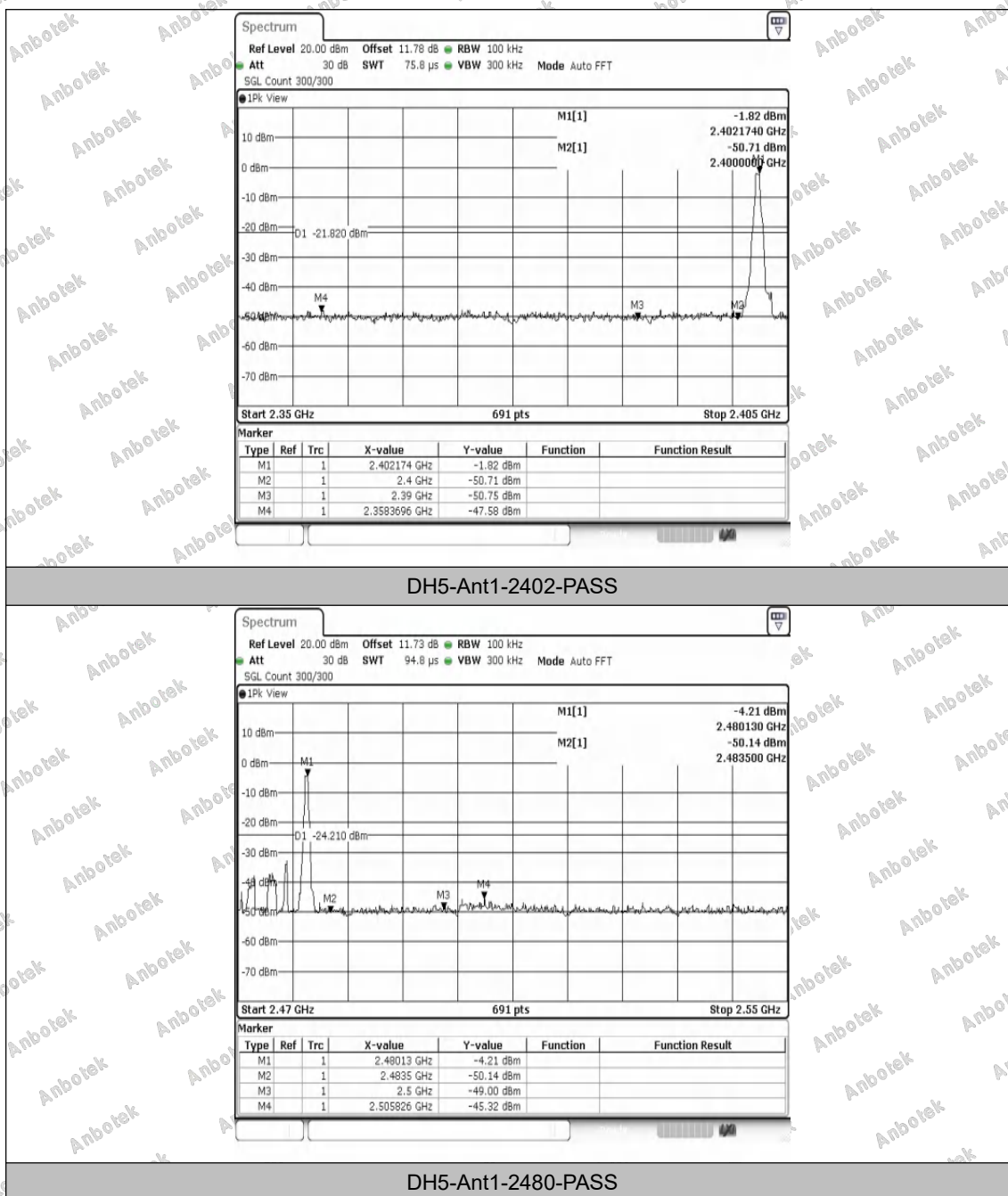
Appendix G: Band edge measurements

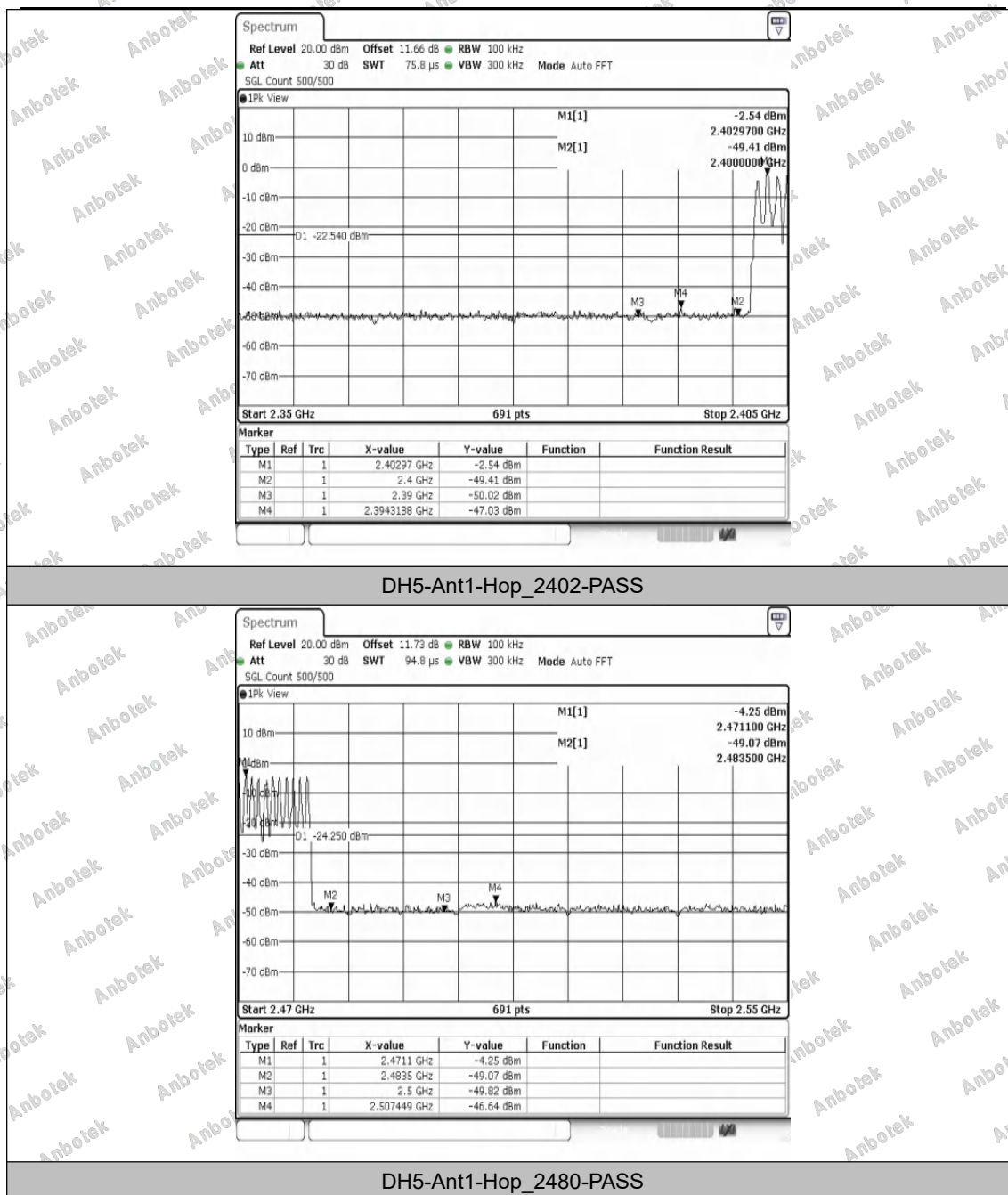
Test Result

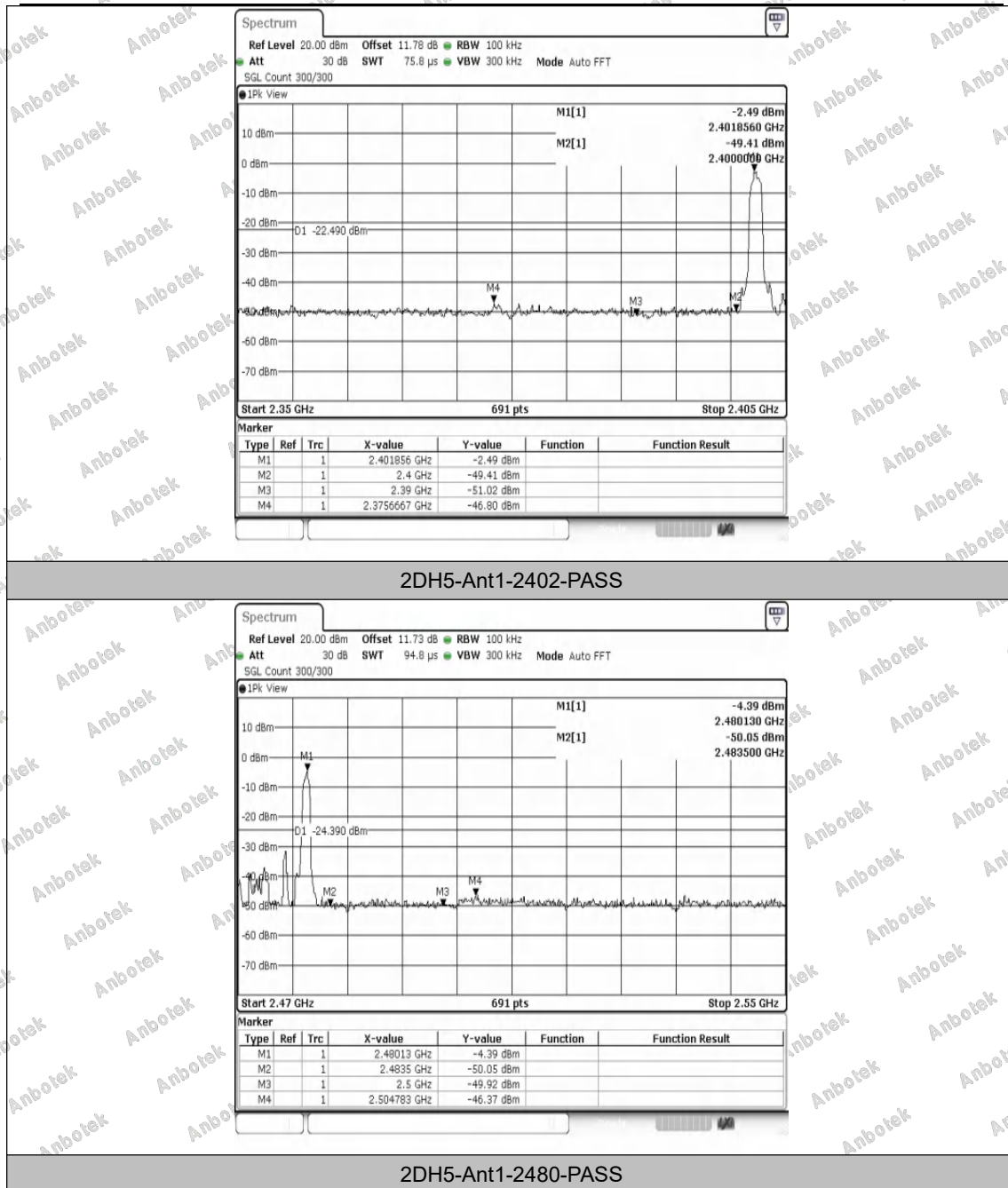
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-1.82	-47.58	≤-21.82	PASS
DH5	Ant1	High	2480	-4.21	-45.32	≤-24.21	PASS
DH5	Ant1	Low	Hop_2402	-2.54	-47.03	≤-22.54	PASS
DH5	Ant1	High	Hop_2480	-4.25	-46.64	≤-24.25	PASS
2DH5	Ant1	Low	2402	-2.49	-46.8	≤-22.49	PASS
2DH5	Ant1	High	2480	-4.39	-46.37	≤-24.39	PASS
2DH5	Ant1	Low	Hop_2402	-3.05	-47.57	≤-23.05	PASS
2DH5	Ant1	High	Hop_2480	-6.10	-45.9	≤-26.1	PASS
3DH5	Ant1	Low	2402	-1.69	-46.94	≤-21.69	PASS
3DH5	Ant1	High	2480	-4.15	-46.48	≤-24.15	PASS
3DH5	Ant1	Low	Hop_2402	-4.57	-47.6	≤-24.57	PASS
3DH5	Ant1	High	Hop_2480	-5.72	-46.11	≤-25.72	PASS

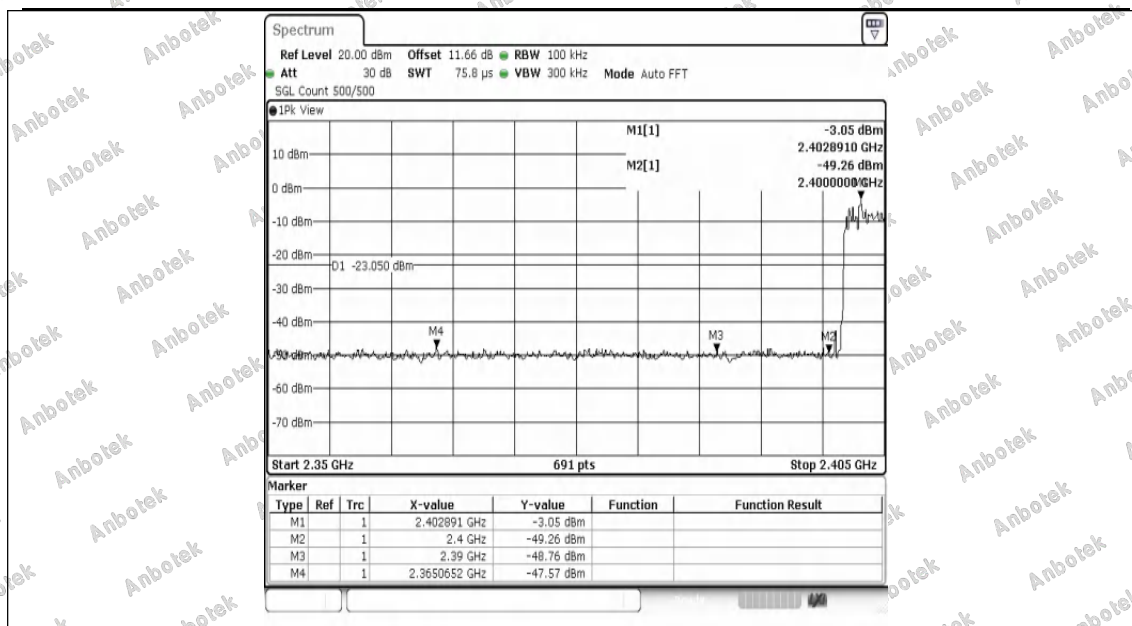


Test Graphs

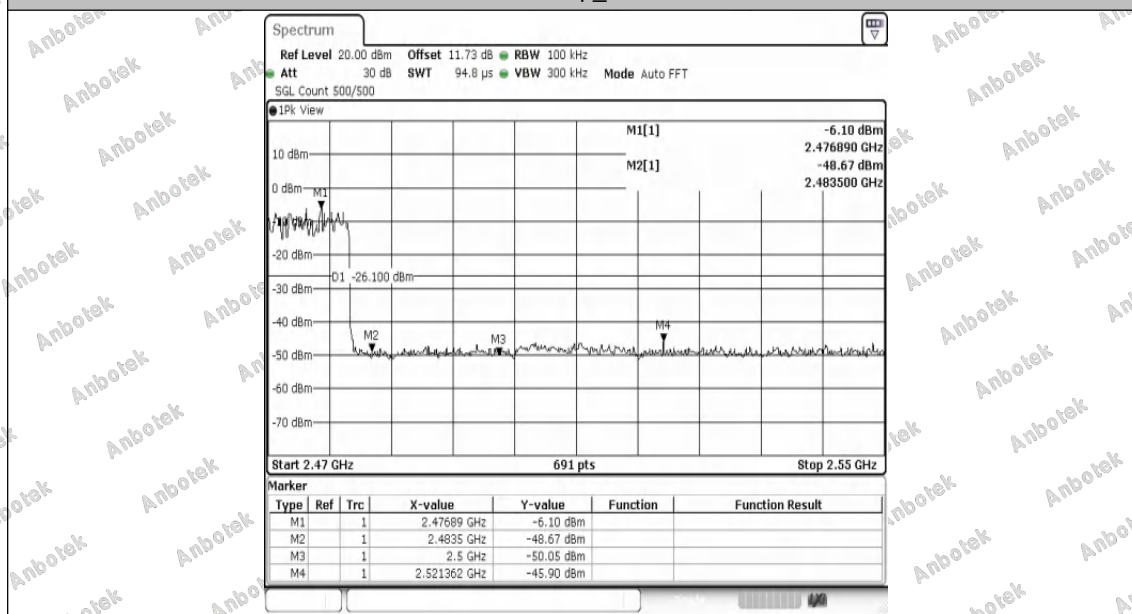






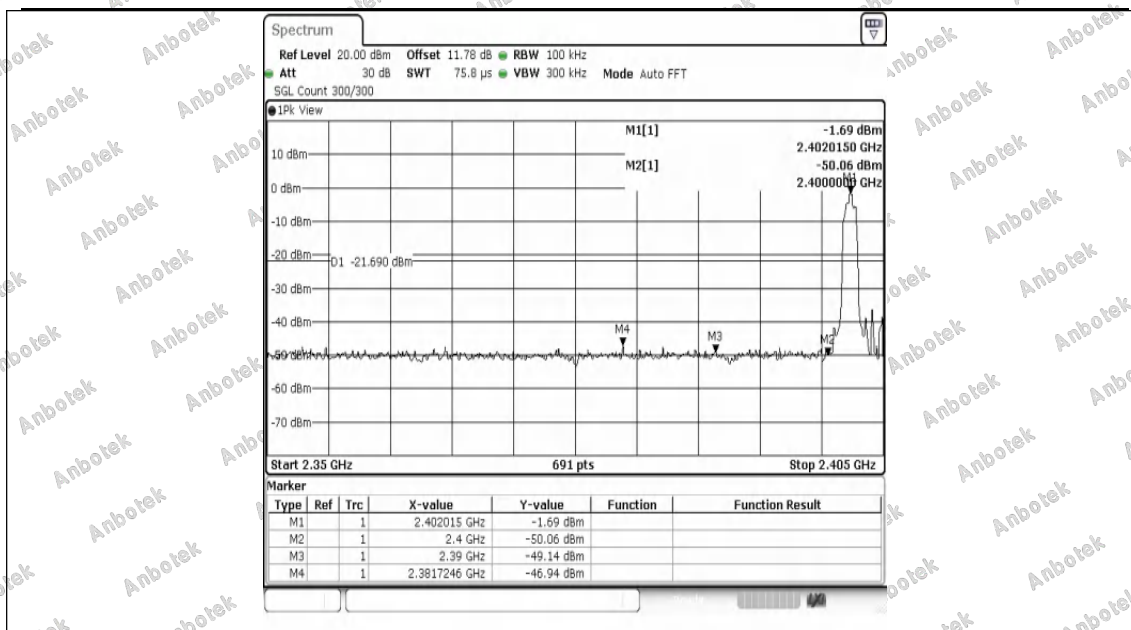


2DH5-Ant1-Hop_2402-PASS

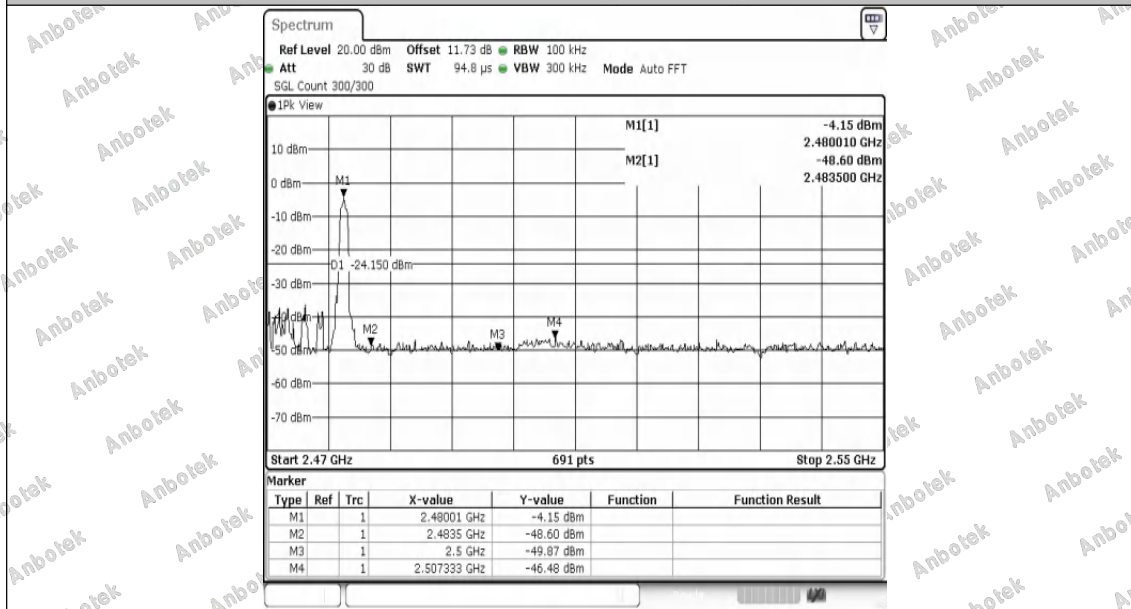


2DH5-Ant1-Hop_2480-PASS



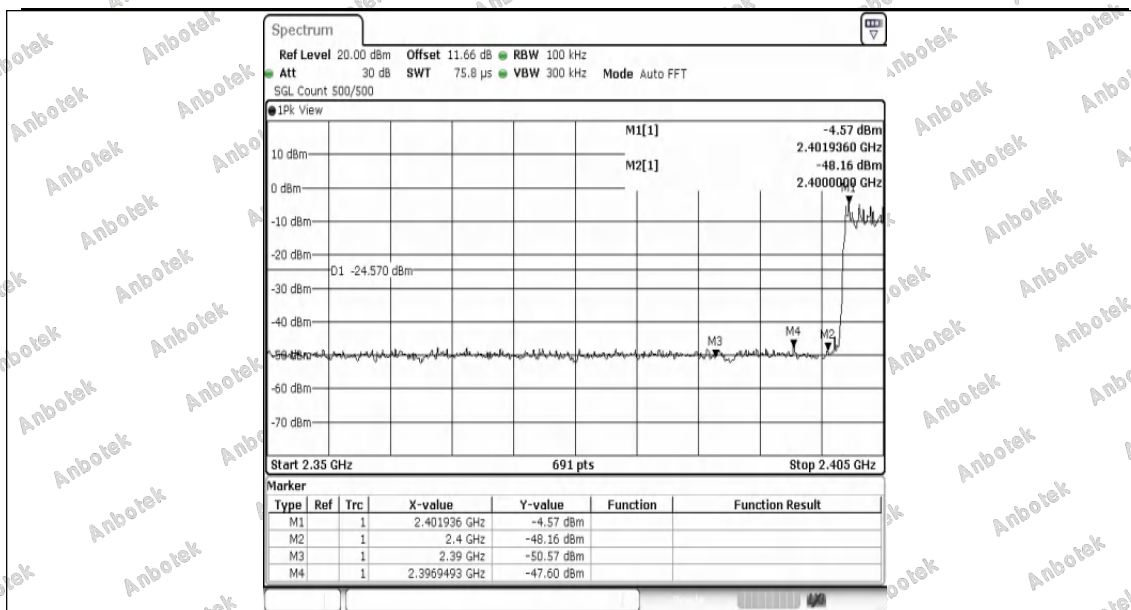


3DH5-Ant1-2402-PASS

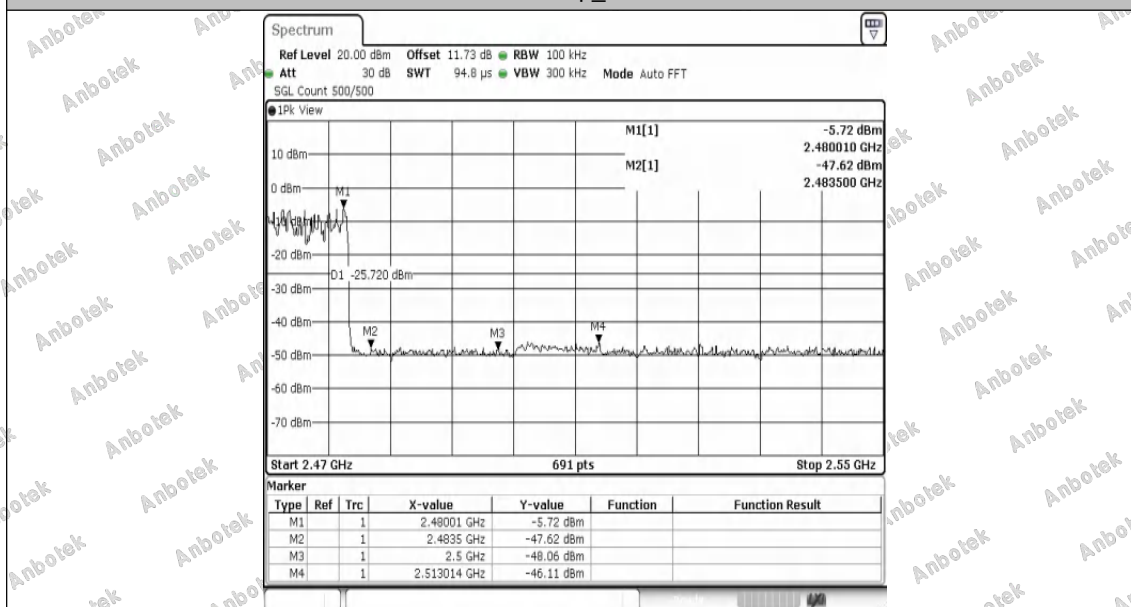


3DH5-Ant1-2480-PASS





3DH5-Ant1-Hop_2402-PASS



3DH5-Ant1-Hop_2480-PASS



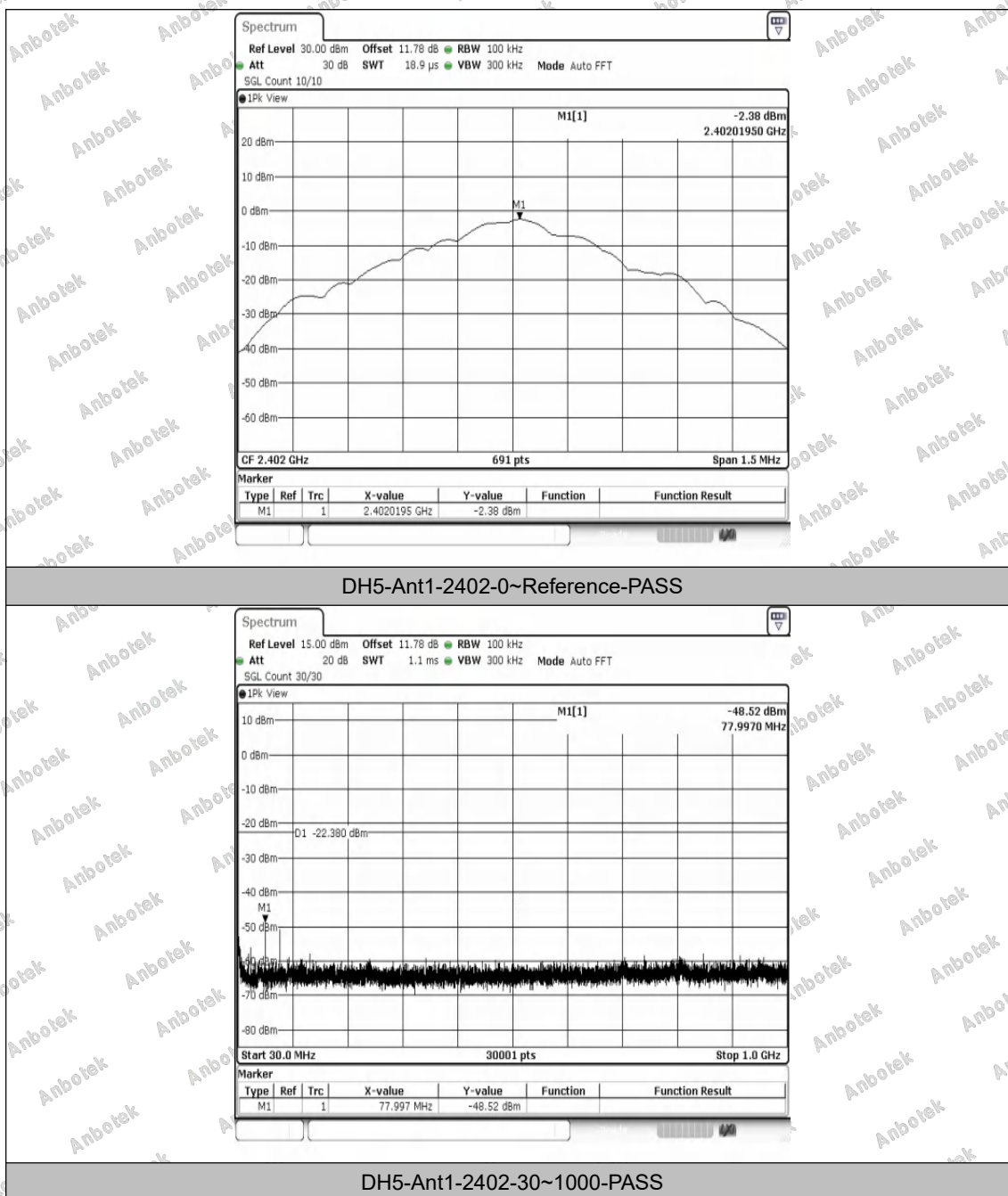
Appendix H: Conducted Spurious Emission

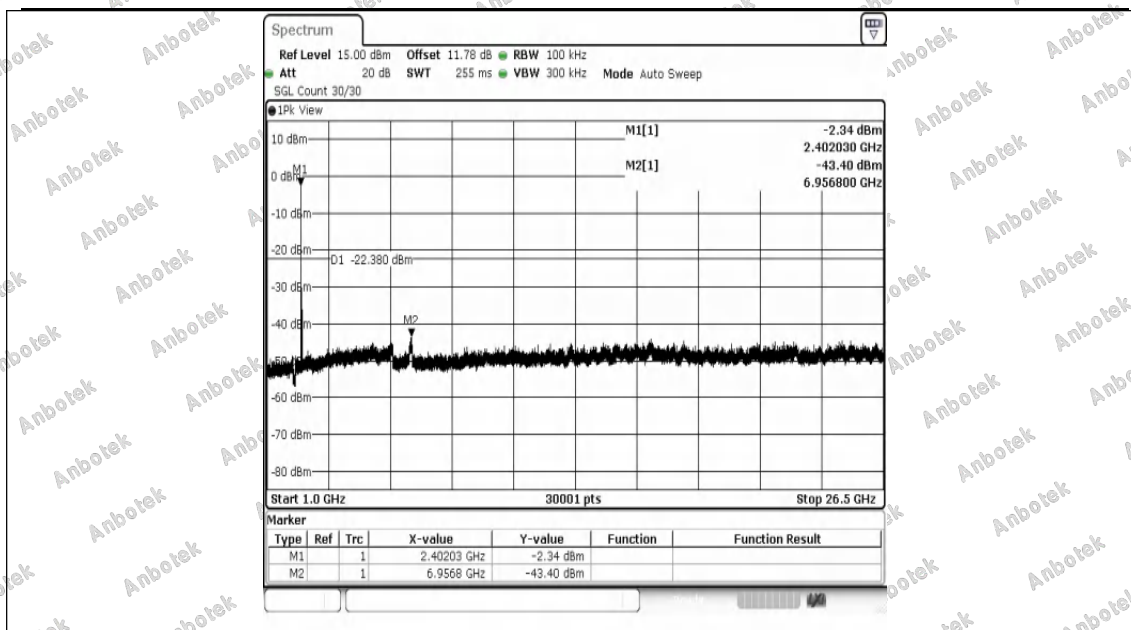
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-2.38	-2.38	---	PASS
DH5	Ant1	2402	30~1000	-2.38	-48.52	≤-22.38	PASS
DH5	Ant1	2402	1000~26500	-2.38	-43.4	≤-22.38	PASS
DH5	Ant1	2441	0~Reference	-3.61	-3.61	---	PASS
DH5	Ant1	2441	30~1000	-3.61	-49.4	≤-23.61	PASS
DH5	Ant1	2441	1000~26500	-3.61	-43.7	≤-23.61	PASS
DH5	Ant1	2480	0~Reference	-4.94	-4.94	---	PASS
DH5	Ant1	2480	30~1000	-4.94	-49.21	≤-24.94	PASS
DH5	Ant1	2480	1000~26500	-4.94	-44.01	≤-24.94	PASS
2DH5	Ant1	2402	0~Reference	-6.01	-6.01	---	PASS
2DH5	Ant1	2402	30~1000	-6.01	-48.76	≤-26.01	PASS
2DH5	Ant1	2402	1000~26500	-6.01	-43.76	≤-26.01	PASS
2DH5	Ant1	2441	0~Reference	-6.61	-6.61	---	PASS
2DH5	Ant1	2441	30~1000	-6.61	-49.33	≤-26.61	PASS
2DH5	Ant1	2441	1000~26500	-6.61	-44.2	≤-26.61	PASS
2DH5	Ant1	2480	0~Reference	-7.28	-7.28	---	PASS
2DH5	Ant1	2480	30~1000	-7.28	-49.26	≤-27.28	PASS
2DH5	Ant1	2480	1000~26500	-7.28	-43.75	≤-27.28	PASS
3DH5	Ant1	2402	0~Reference	-3.54	-3.54	---	PASS
3DH5	Ant1	2402	30~1000	-3.54	-49.28	≤-23.54	PASS
3DH5	Ant1	2402	1000~26500	-3.54	-43.57	≤-23.54	PASS
3DH5	Ant1	2441	0~Reference	-7.19	-7.19	---	PASS
3DH5	Ant1	2441	30~1000	-7.19	-49.18	≤-27.19	PASS
3DH5	Ant1	2441	1000~26500	-7.19	-43.66	≤-27.19	PASS
3DH5	Ant1	2480	0~Reference	-6.99	-6.99	---	PASS
3DH5	Ant1	2480	30~1000	-6.99	-49.51	≤-26.99	PASS
3DH5	Ant1	2480	1000~26500	-6.99	-44.16	≤-26.99	PASS

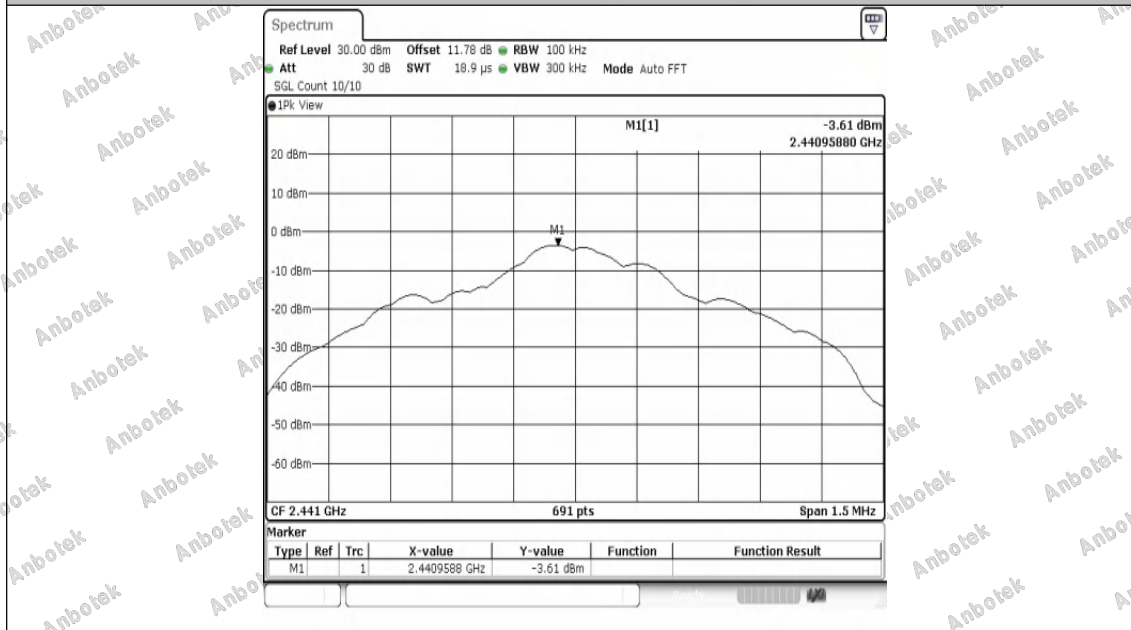


Test Graphs



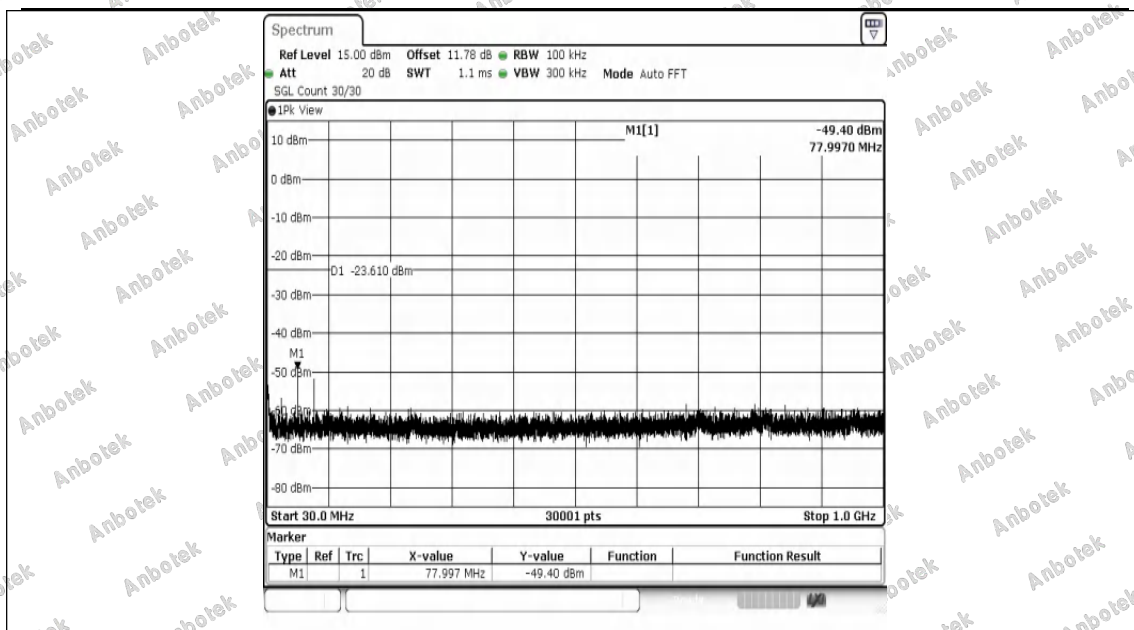


DH5-Ant1-2402-1000~26500-PASS

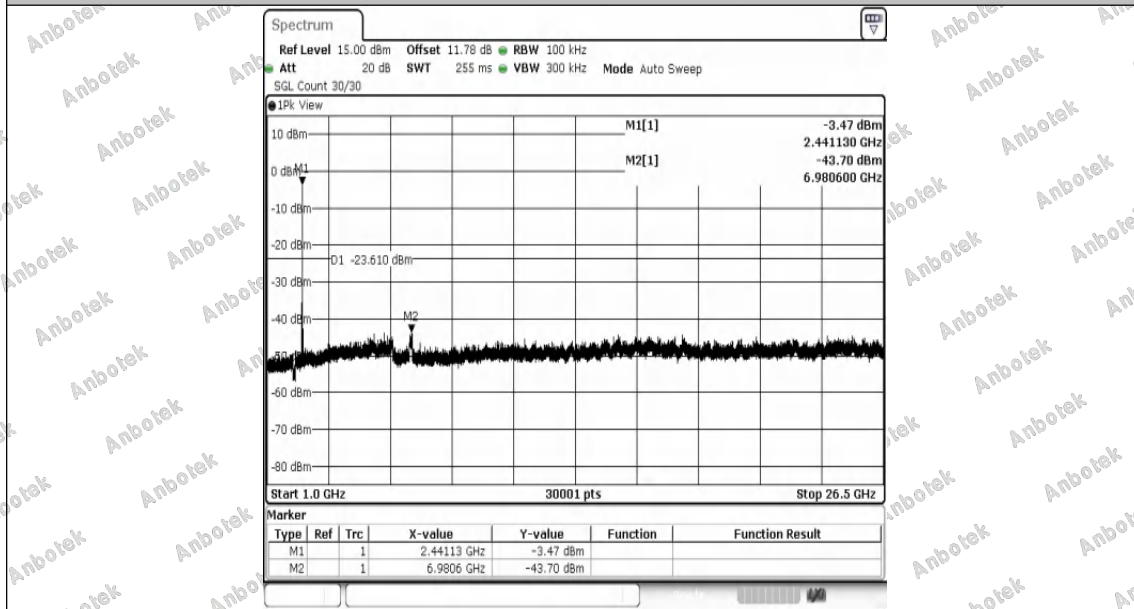


DH5-Ant1-2441-0~Reference-PASS



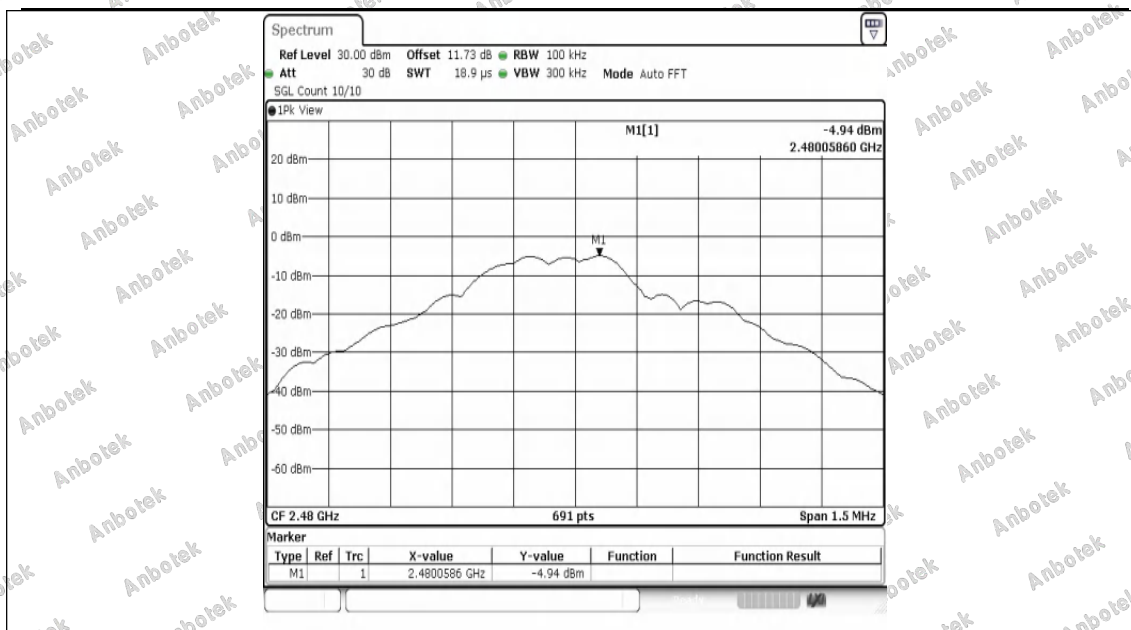


DH5-Ant1-2441-30~1000-PASS

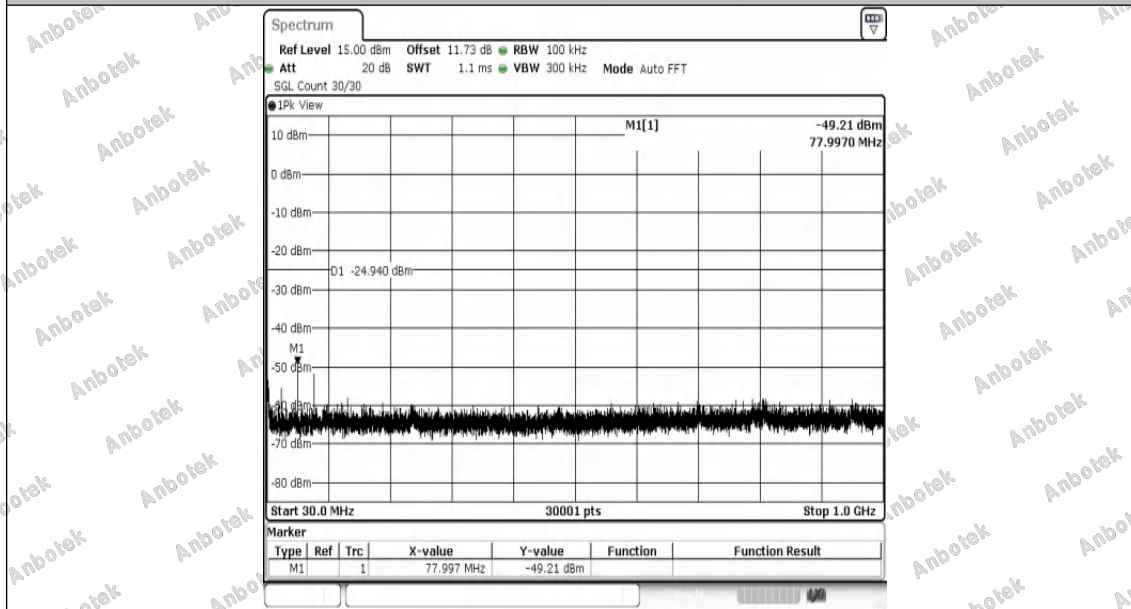


DH5-Ant1-2441-1000~26500-PASS



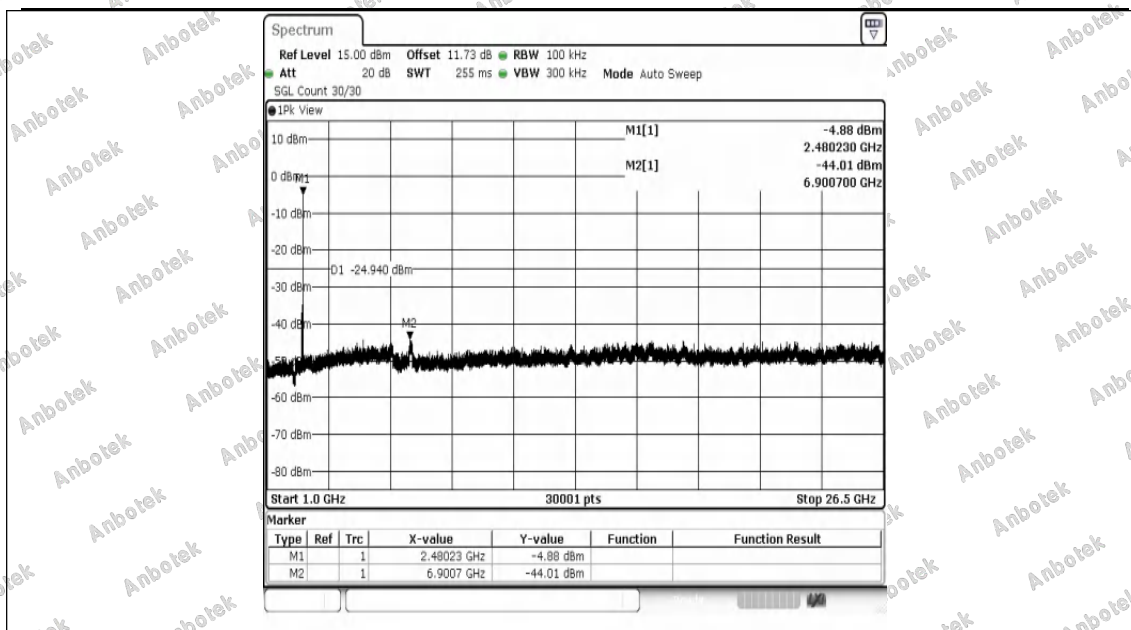


DH5-Ant1-2480-0~Reference-PASS

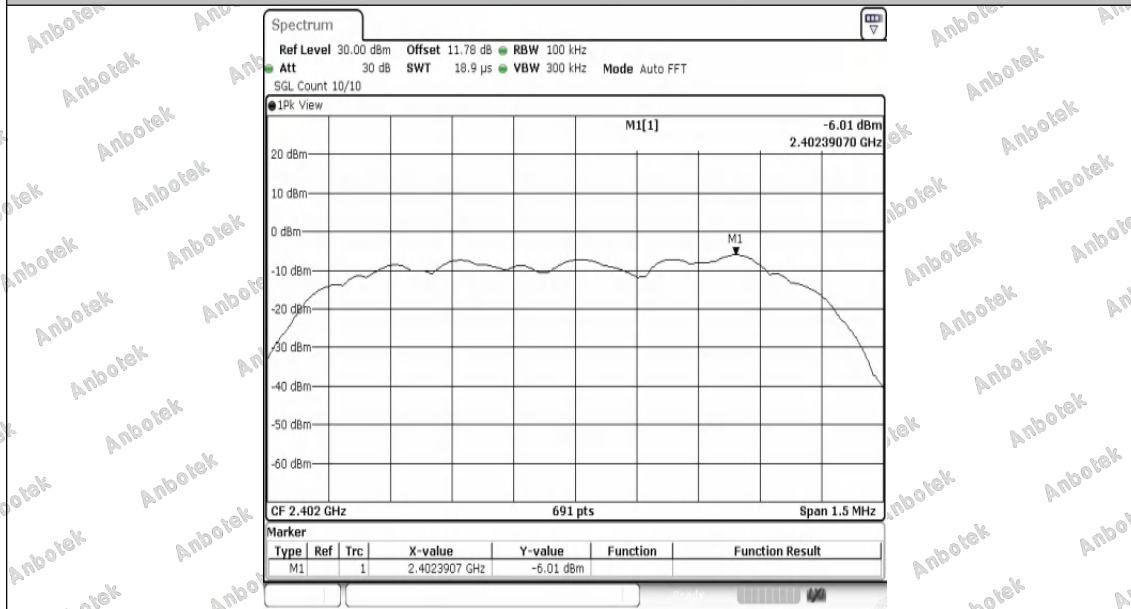


DH5-Ant1-2480-30~1000-PASS



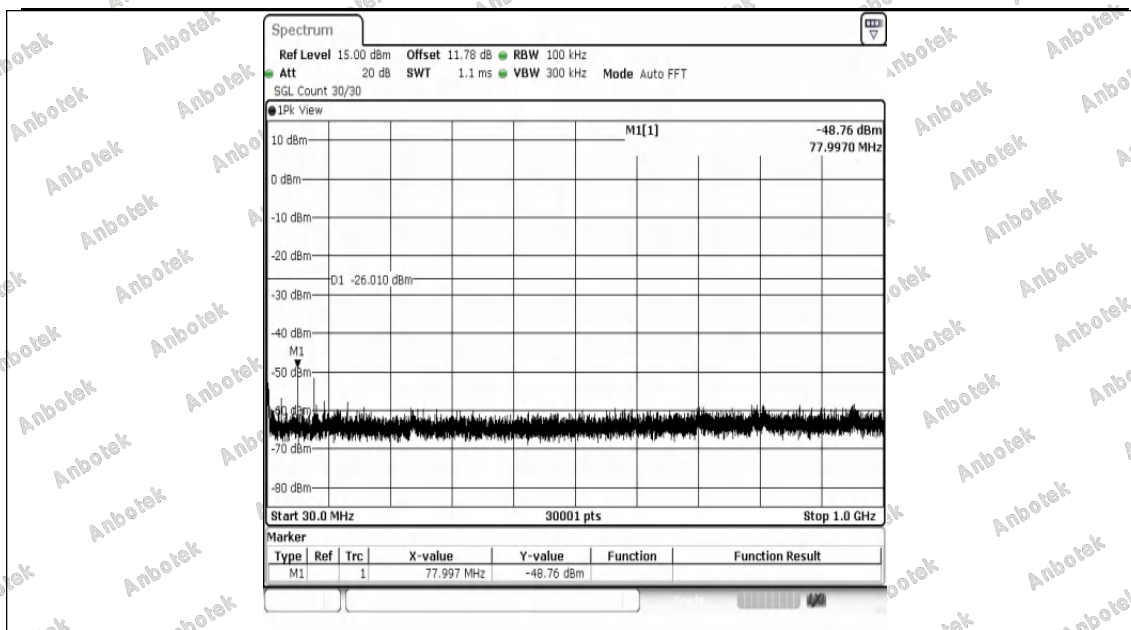


DH5-Ant1-2480-1000~26500-PASS

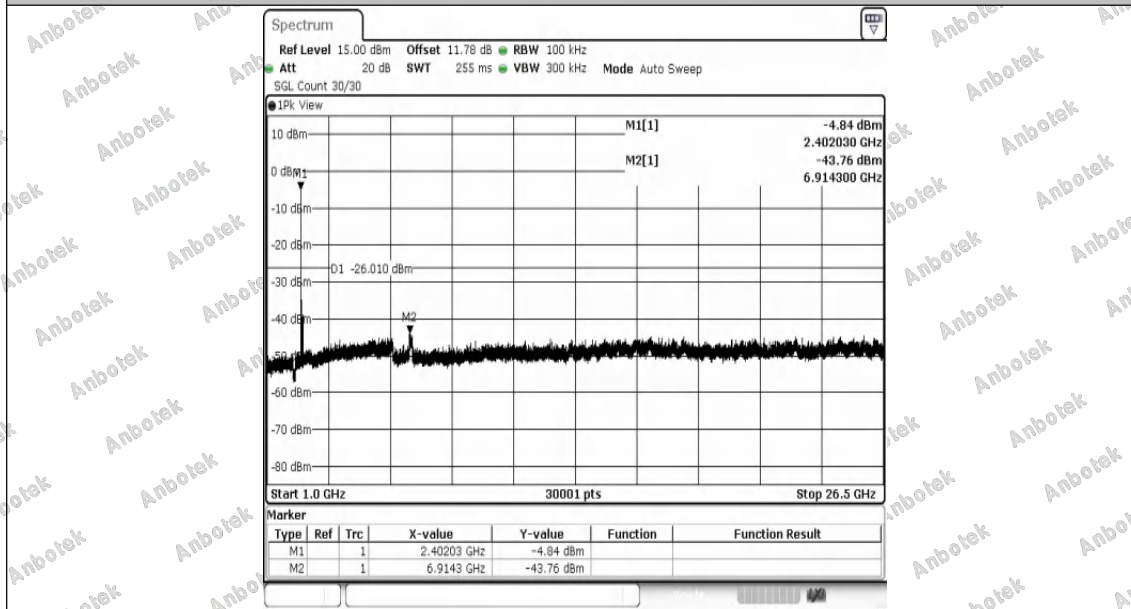


2DH5-Ant1-2402-0~Reference-PASS



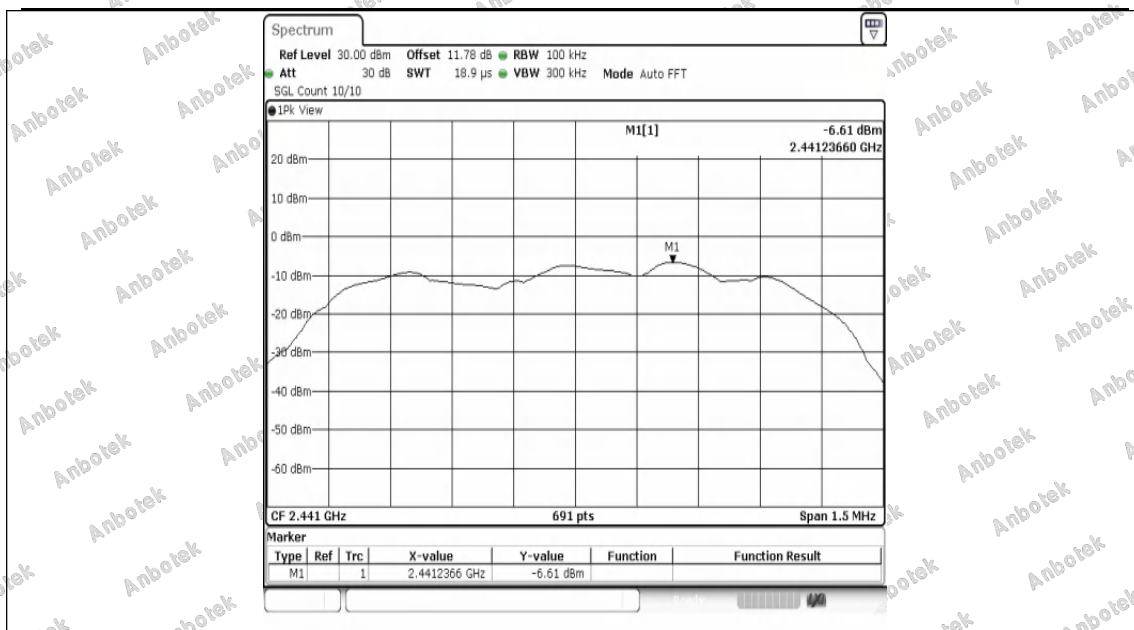


2DH5-Ant1-2402-30~1000-PASS

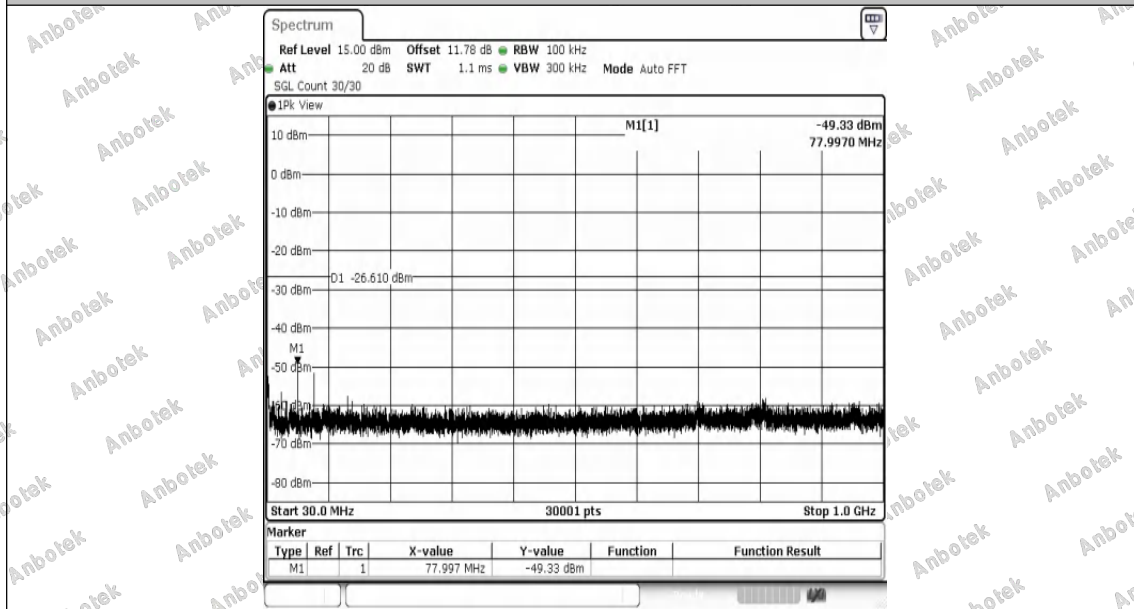


2DH5-Ant1-2402-1000~26500-PASS



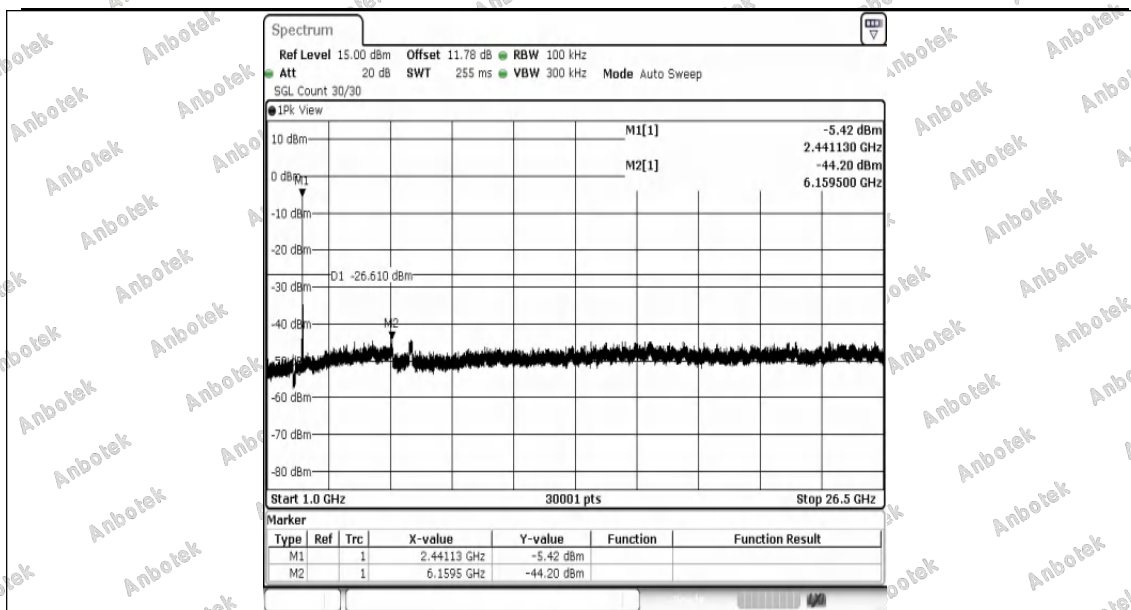


2DH5-Ant1-2441-0~Reference-PASS

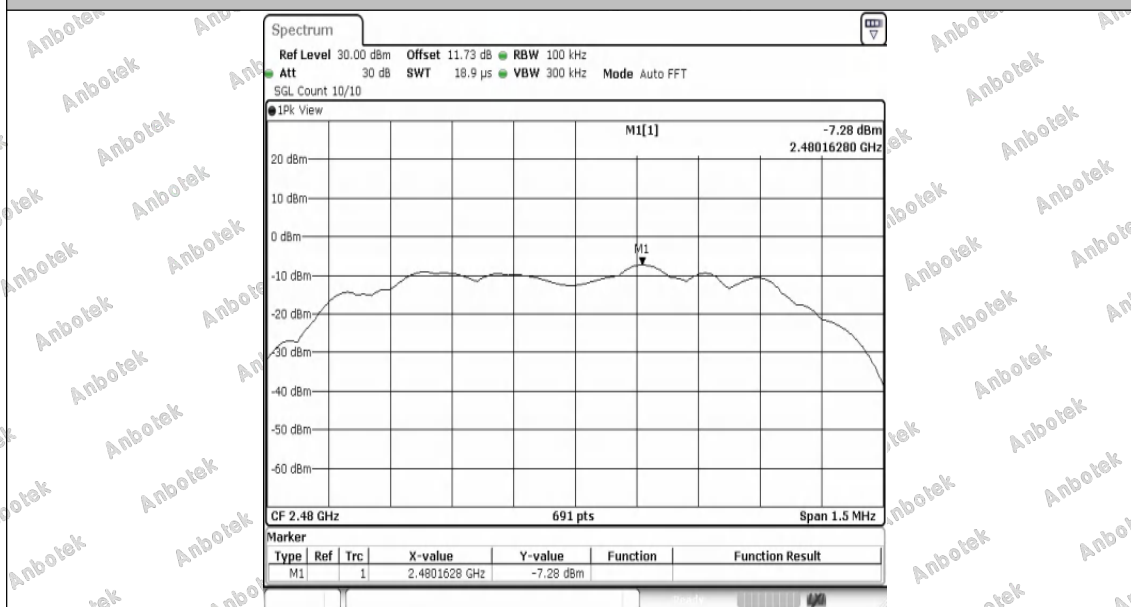


2DH5-Ant1-2441-30~1000-PASS



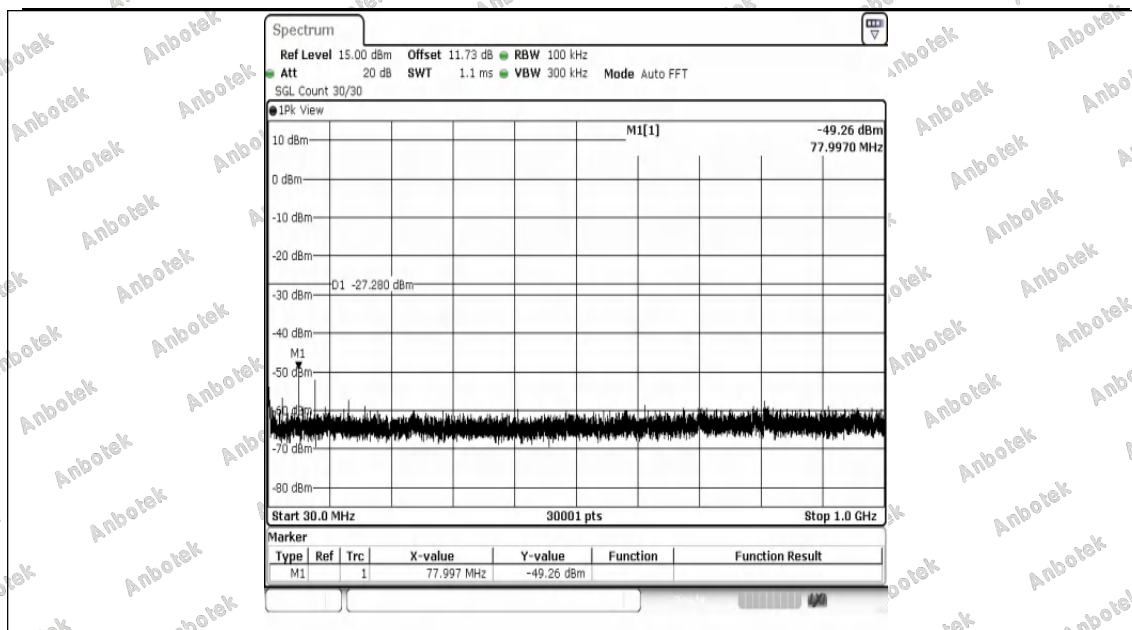


2DH5-Ant1-2441-1000~26500-PASS

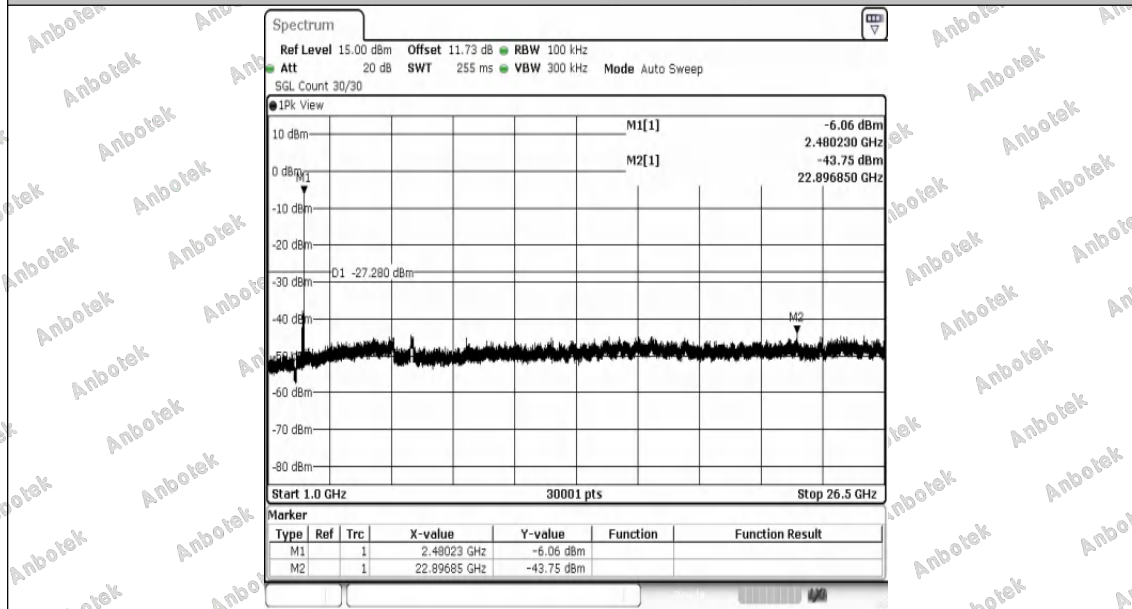


2DH5-Ant1-2480-0~Reference-PASS



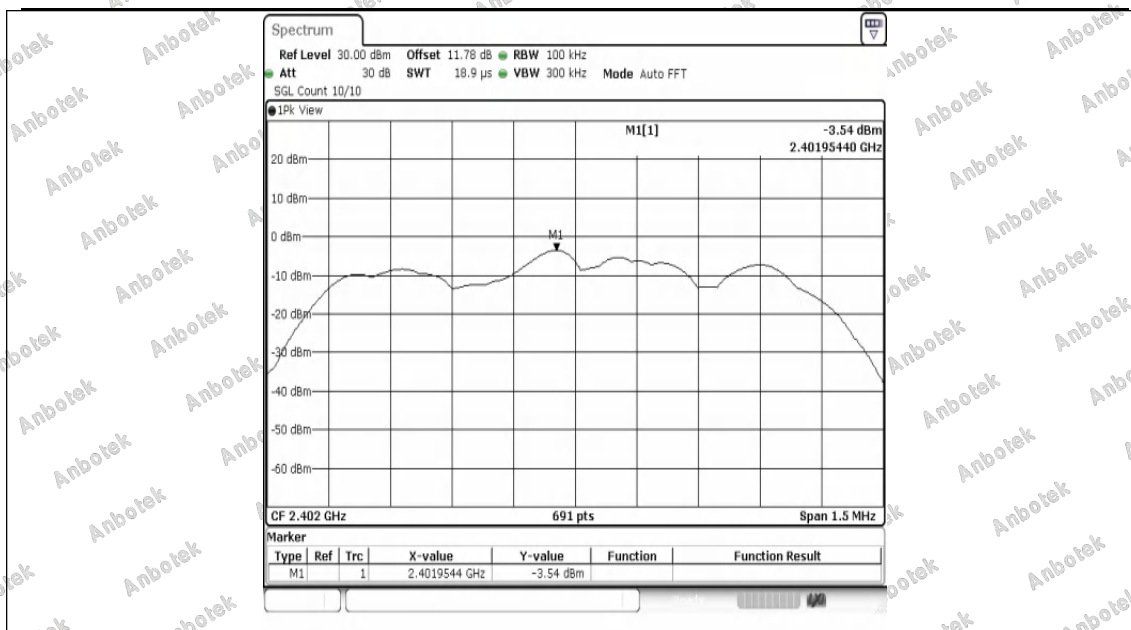


2DH5-Ant1-2480-30~1000-PASS

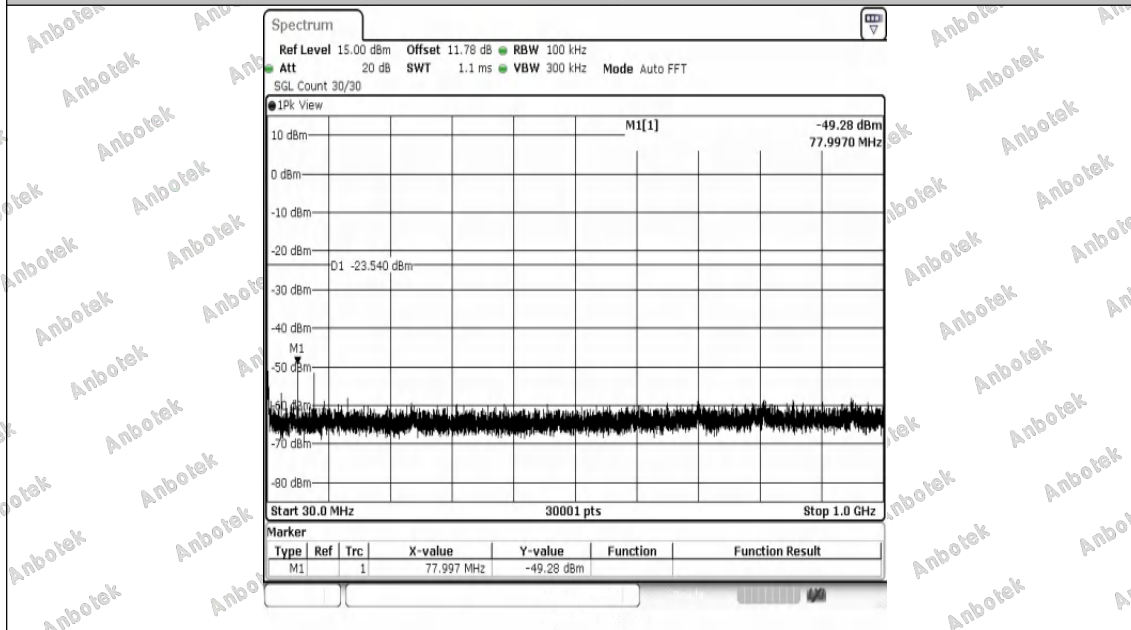


2DH5-Ant1-2480-1000~26500-PASS



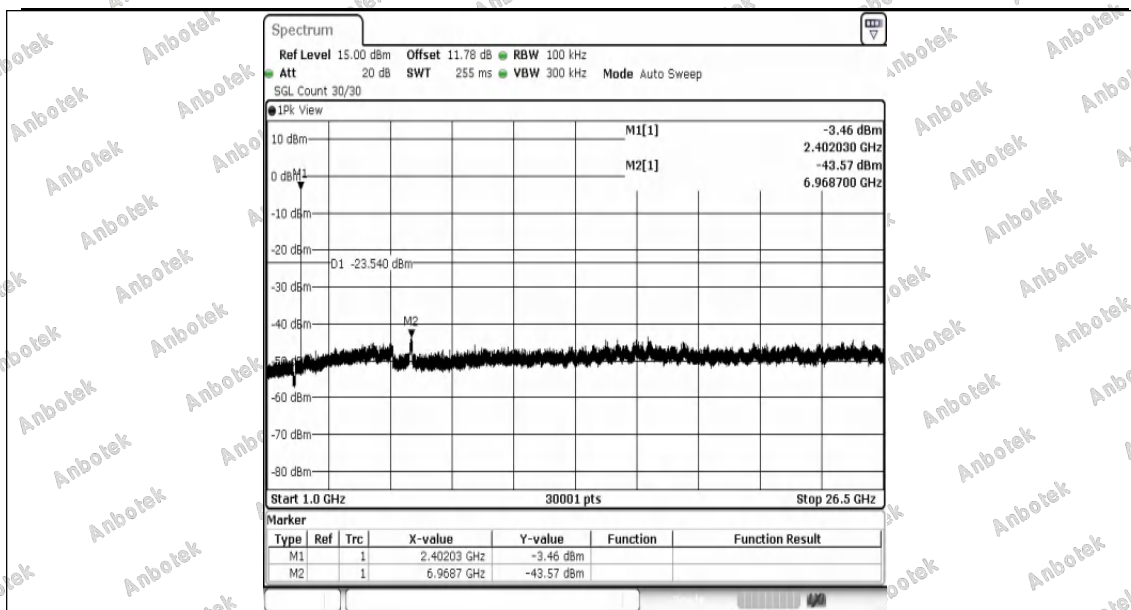


3DH5-Ant1-2402-0~Reference-PASS

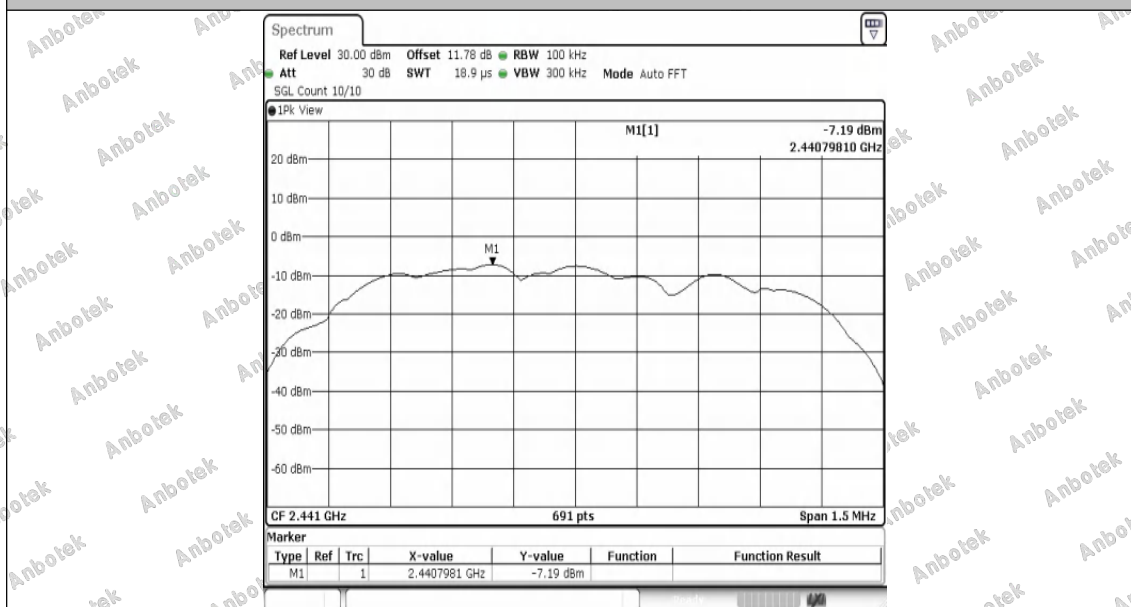


3DH5-Ant1-2402-30~1000-PASS



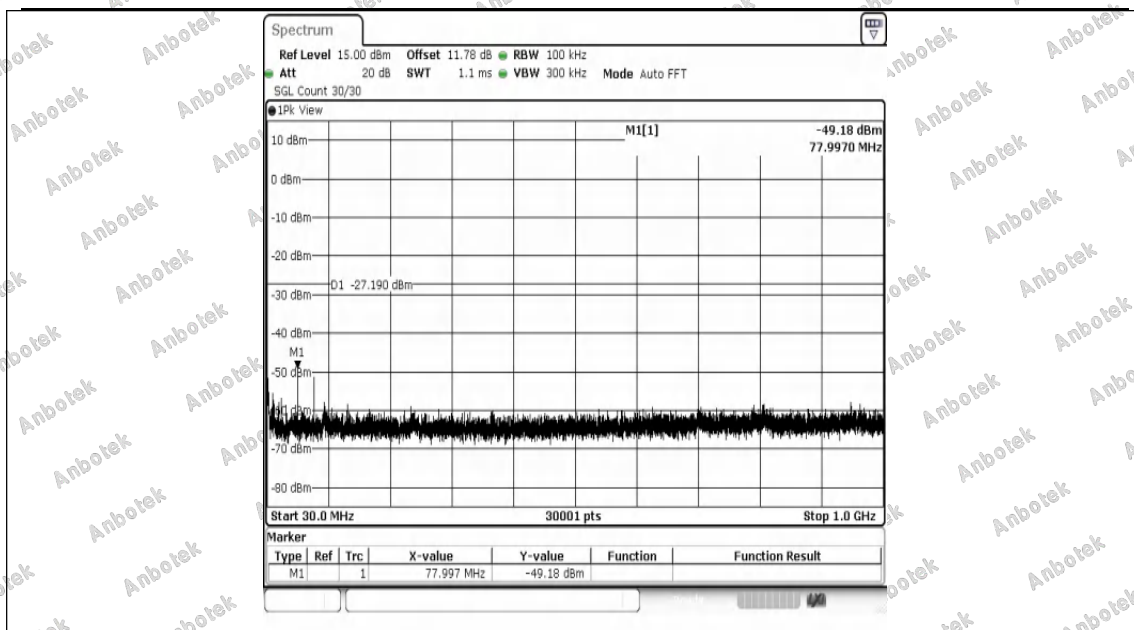


3DH5-Ant1-2402-1000~26500-PASS

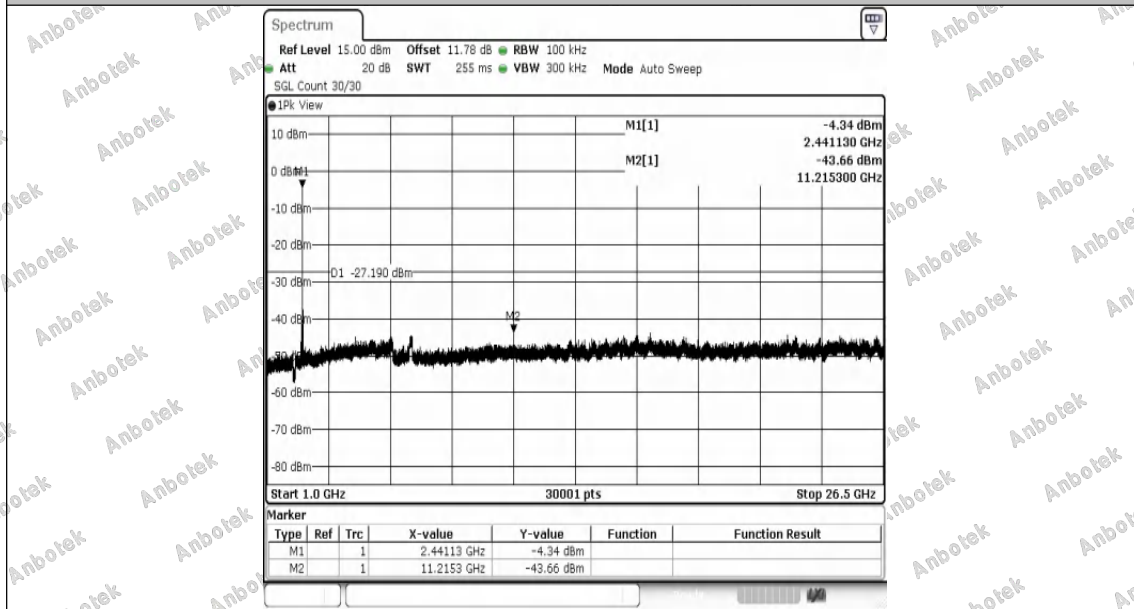


3DH5-Ant1-2441-0~Reference-PASS



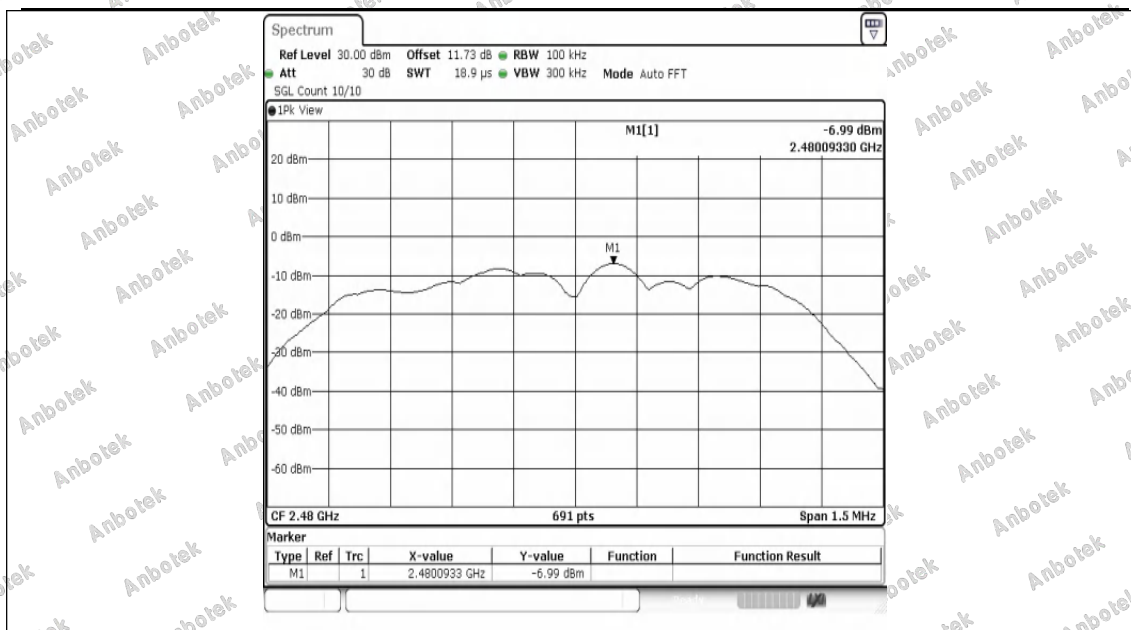


3DH5-Ant1-2441-30~1000-PASS

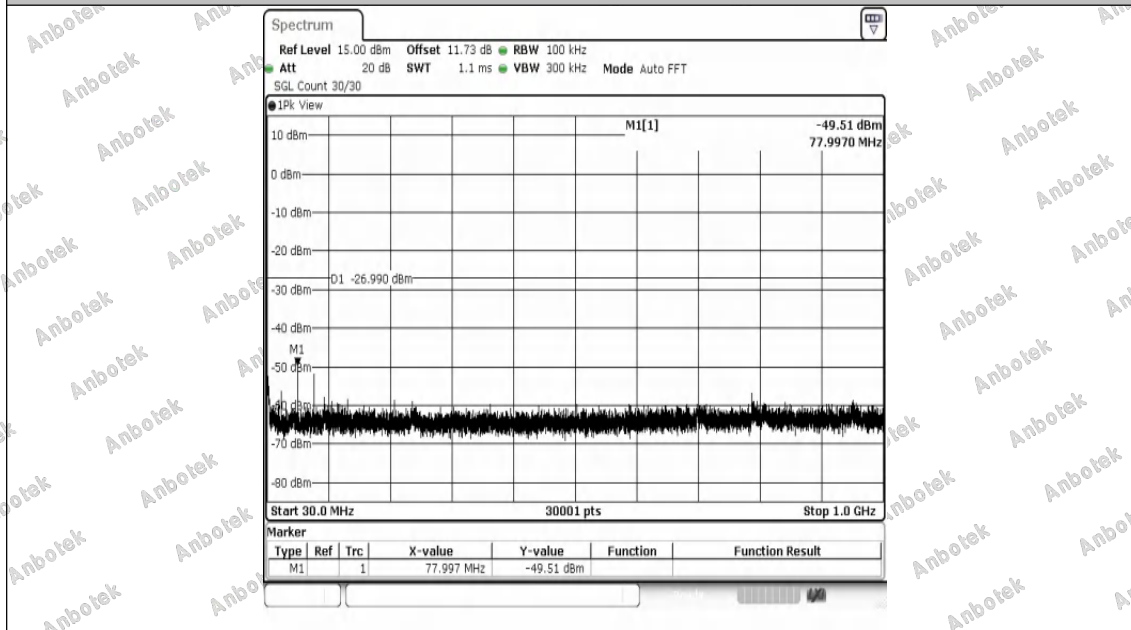


3DH5-Ant1-2441-1000~26500-PASS



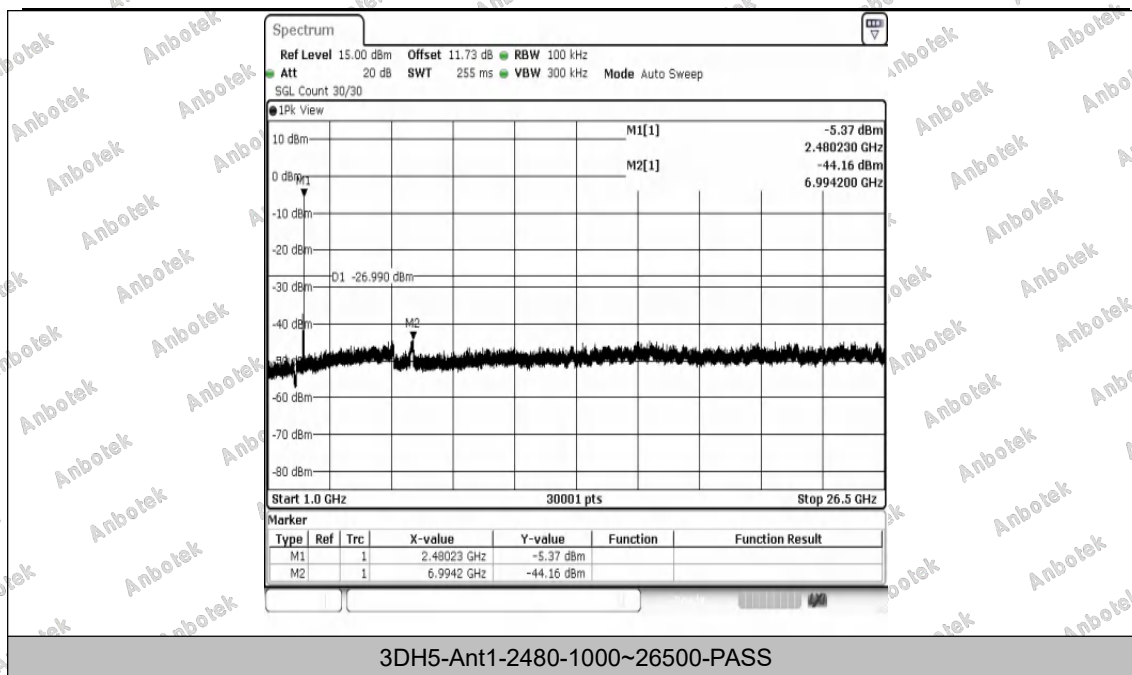


3DH5-Ant1-2480-0~Reference-PASS



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





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