

Appendix Test Data

Report No:	182519C400124101	Test Sample NO:	1-2-2
Start Test Date:	2024.7.8	Finish Test Date:	2024.7.18
Test Engineer:	<i>Joker Wang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	26.3°C	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	0.86	2401.54	2402.40	---	---
DH5	Ant1	2441	0.86	2440.54	2441.41	---	---
DH5	Ant1	2480	0.86	2479.54	2480.41	---	---
2DH5	Ant1	2402	1.28	2401.36	2402.64	---	---
2DH5	Ant1	2441	1.28	2440.36	2441.64	---	---
2DH5	Ant1	2480	1.34	2479.32	2480.67	---	---
3DH5	Ant1	2402	1.30	2401.35	2402.65	---	---
3DH5	Ant1	2441	1.30	2440.35	2441.64	---	---
3DH5	Ant1	2480	1.26	2479.36	2480.62	---	---

Shenzhen Anbotek Compliance Laboratory Limited

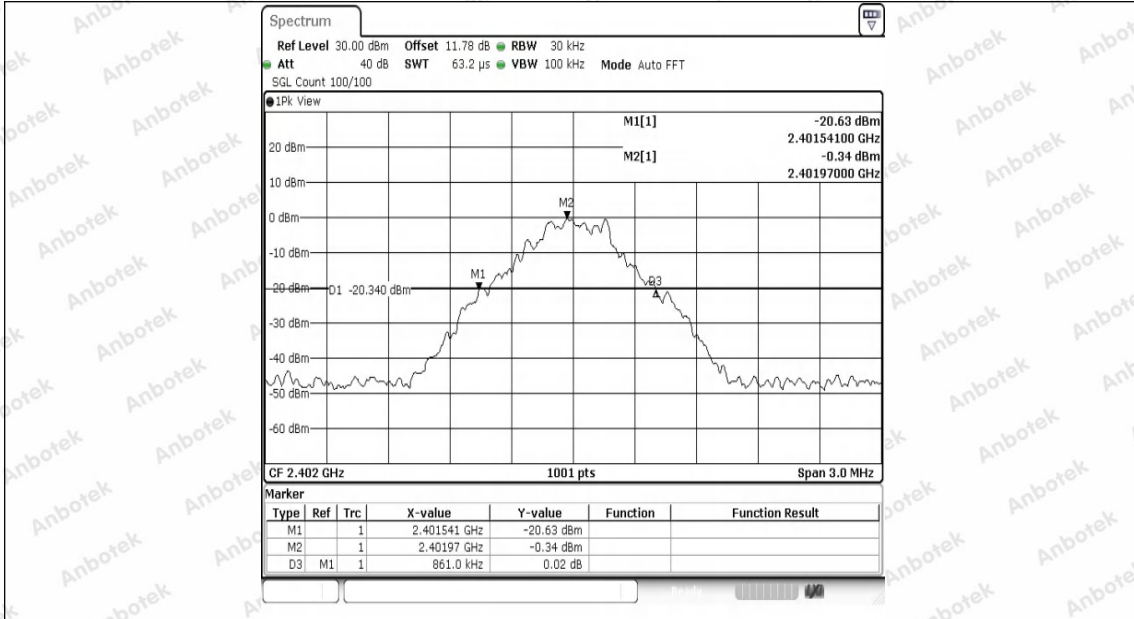
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community,
Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



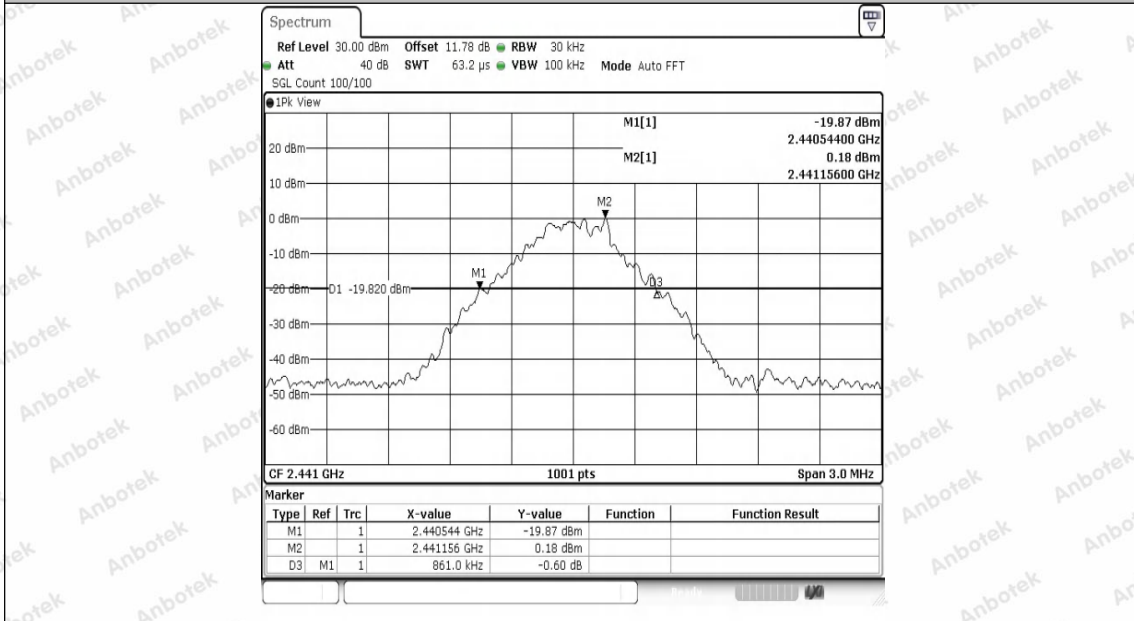
Hotline
400-003-0500
www.anbotek.com.cn



Test Graphs

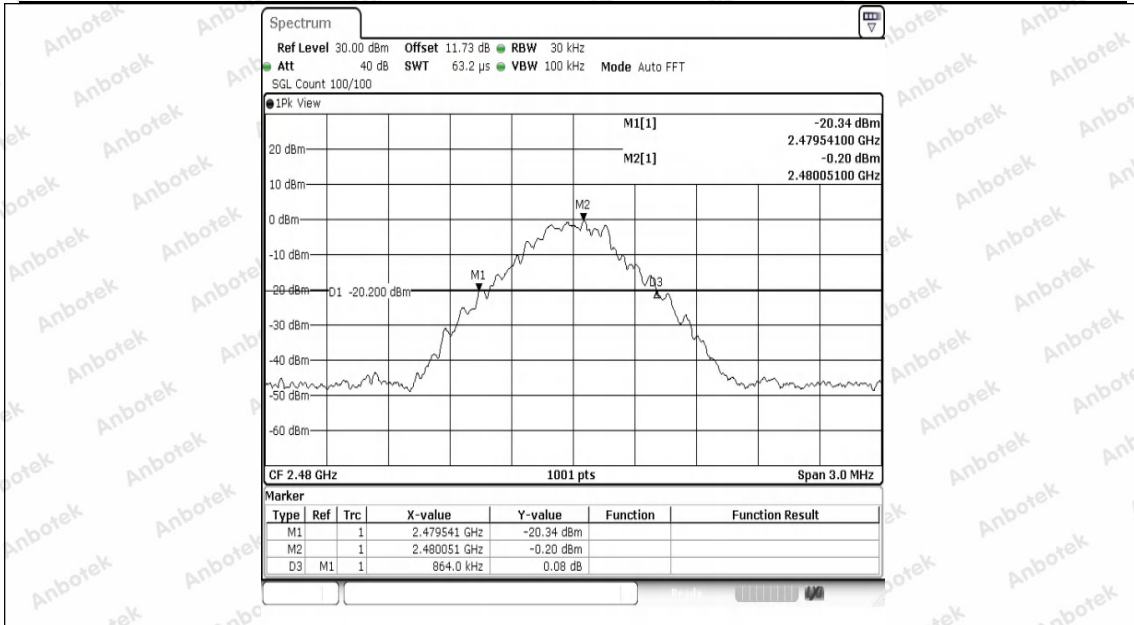


DH5-Ant1-2402

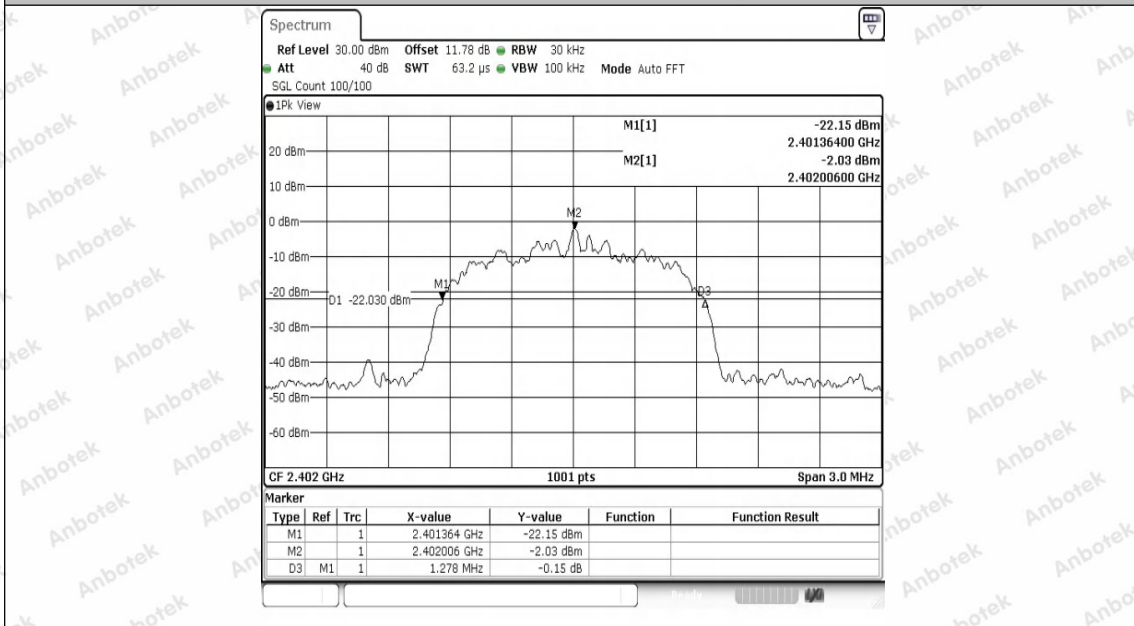


DH5-Ant1-2441



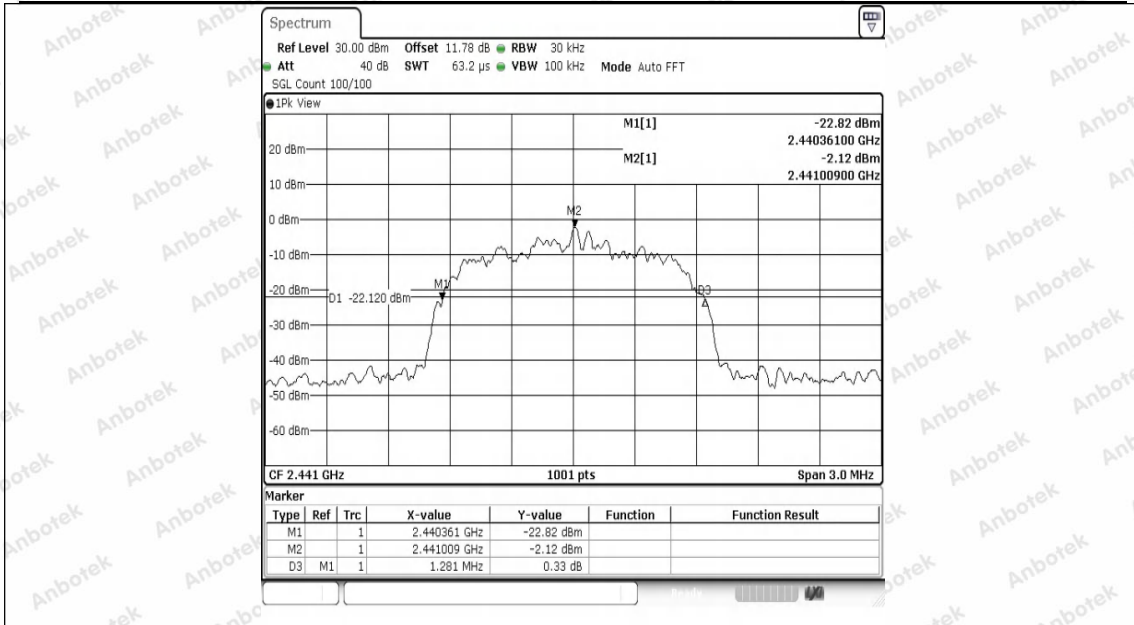


DH5-Ant1-2480

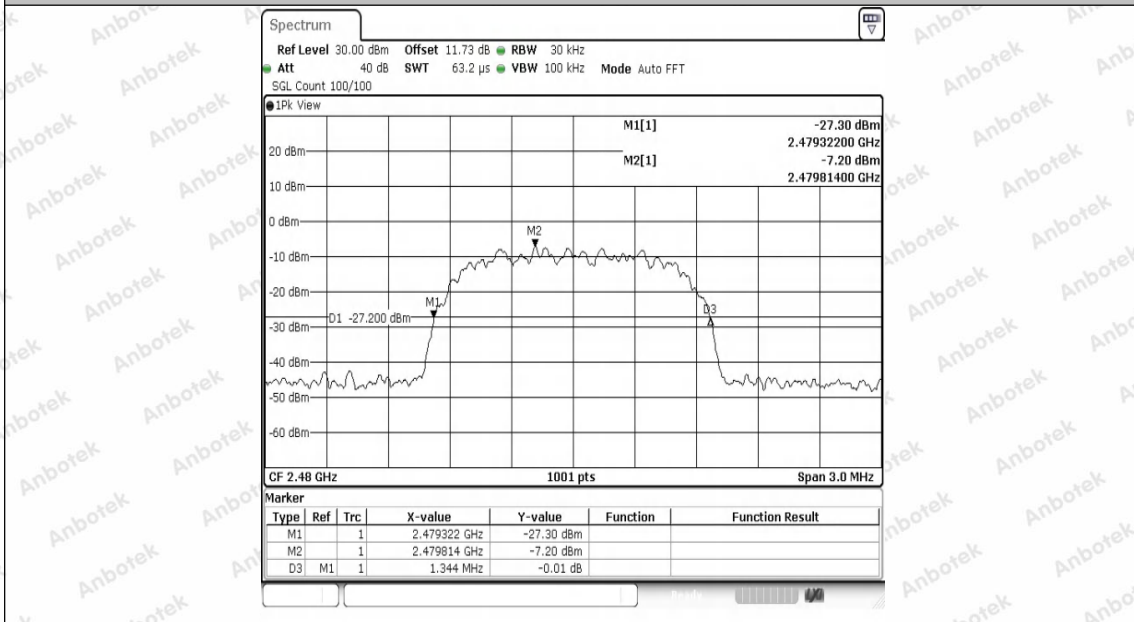


2DH5-Ant1-2402





2DH5-Ant1-2441



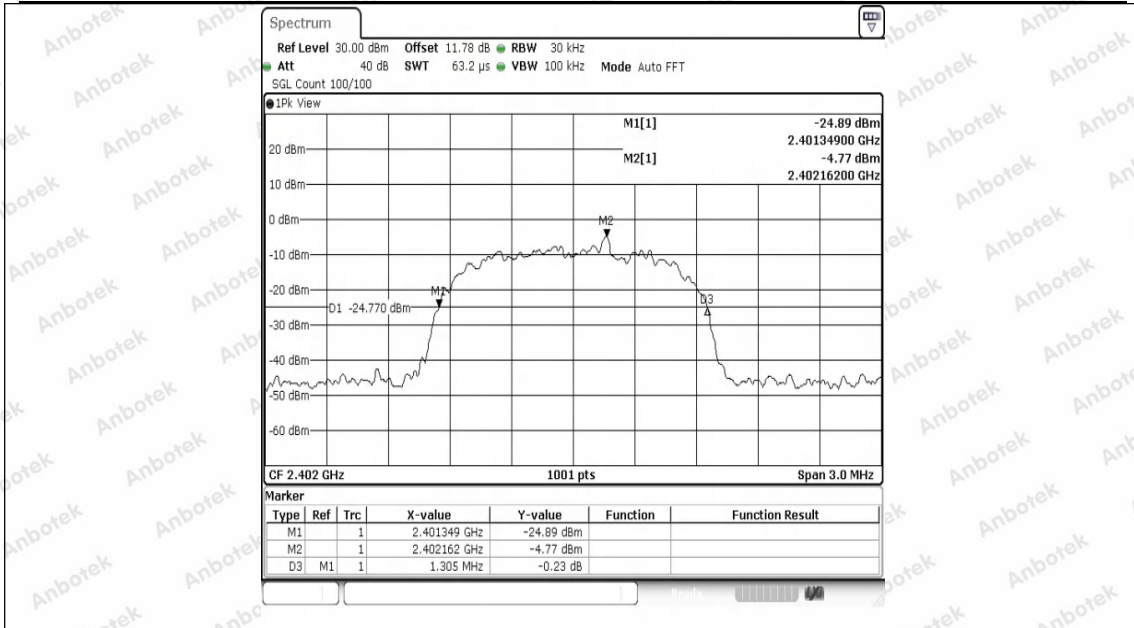
2DH5-Ant1-2480

Shenzhen Anbotek Compliance Laboratory Limited

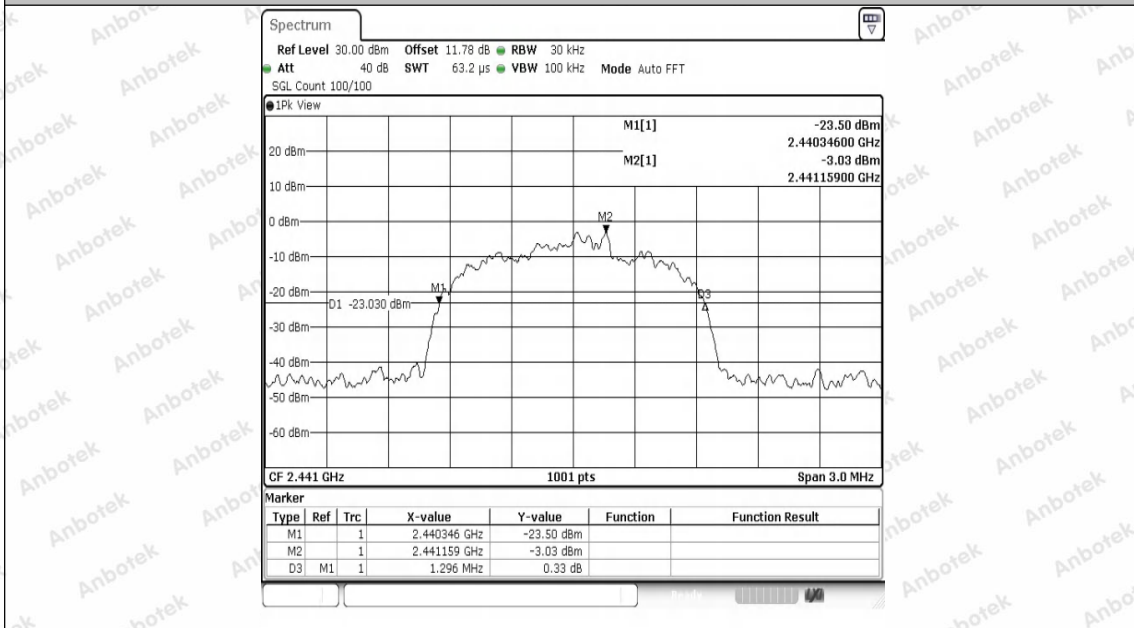
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

Hotline 400-003-0500
 www.anbotek.com.cn





3DH5-Ant1-2402



3DH5-Ant1-2441

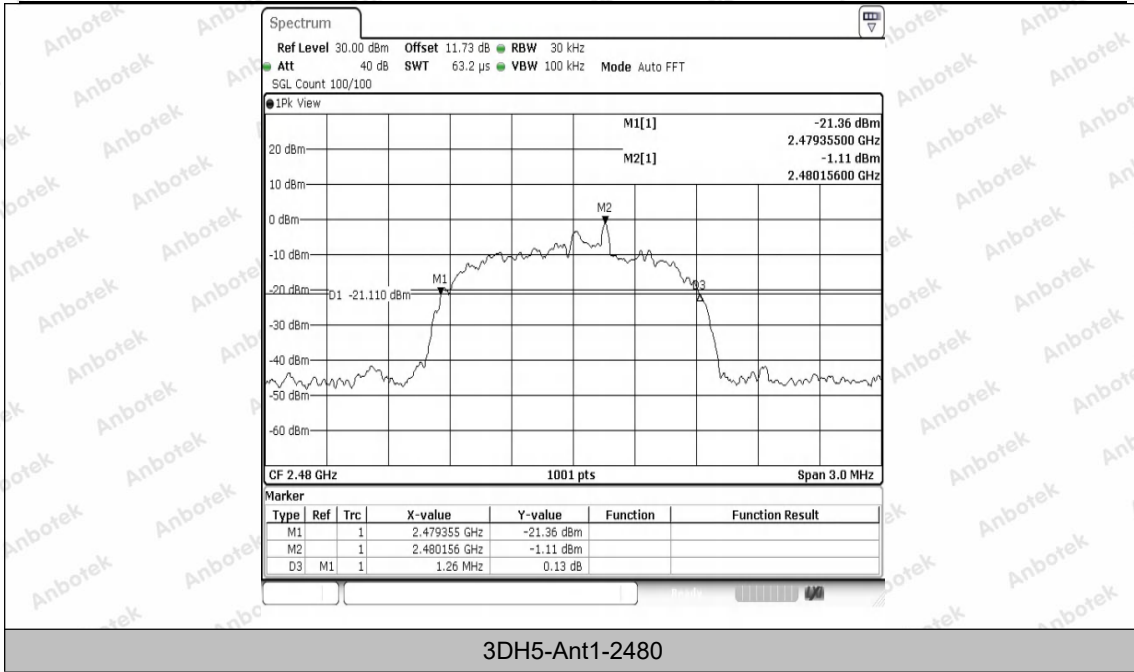
Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



Hotline
 400-003-0500
 www.anbotek.com.cn





3DH5-Ant1-2480

Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

Hotline 400-003-0500
 www.anbotek.com.cn



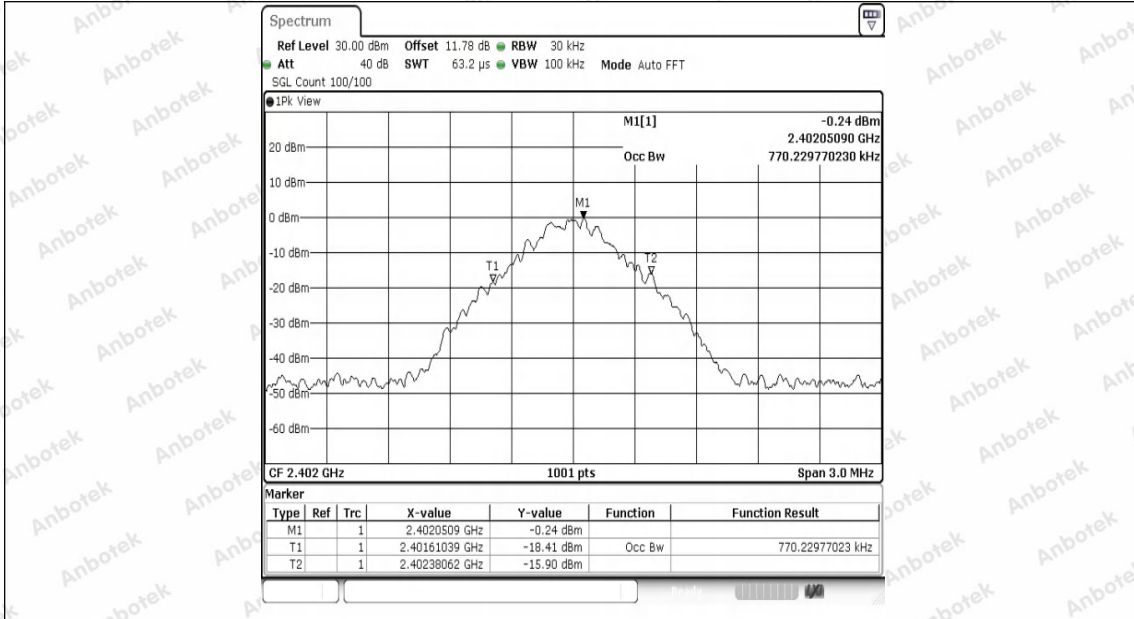
Appendix B: Occupied Channel Bandwidth

Test Result

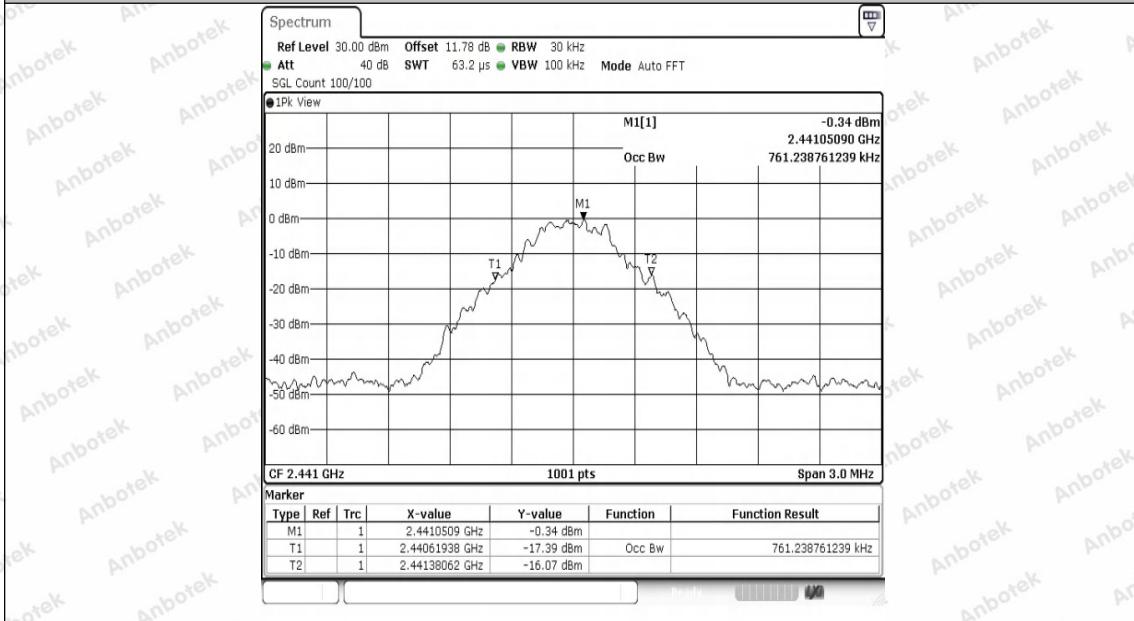
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.77	2401.6104	2402.3806	---	---
DH5	Ant1	2441	0.761	2440.6194	2441.3806	---	---
DH5	Ant1	2480	0.767	2479.6134	2480.3806	---	---
2DH5	Ant1	2402	1.16	2401.4096	2402.5694	---	---
2DH5	Ant1	2441	1.163	2440.4096	2441.5724	---	---
2DH5	Ant1	2480	1.166	2479.4066	2480.5724	---	---
3DH5	Ant1	2402	1.184	2401.4036	2402.5874	---	---
3DH5	Ant1	2441	1.166	2440.4156	2441.5814	---	---
3DH5	Ant1	2480	1.169	2479.4096	2480.5784	---	---



Test Graphs

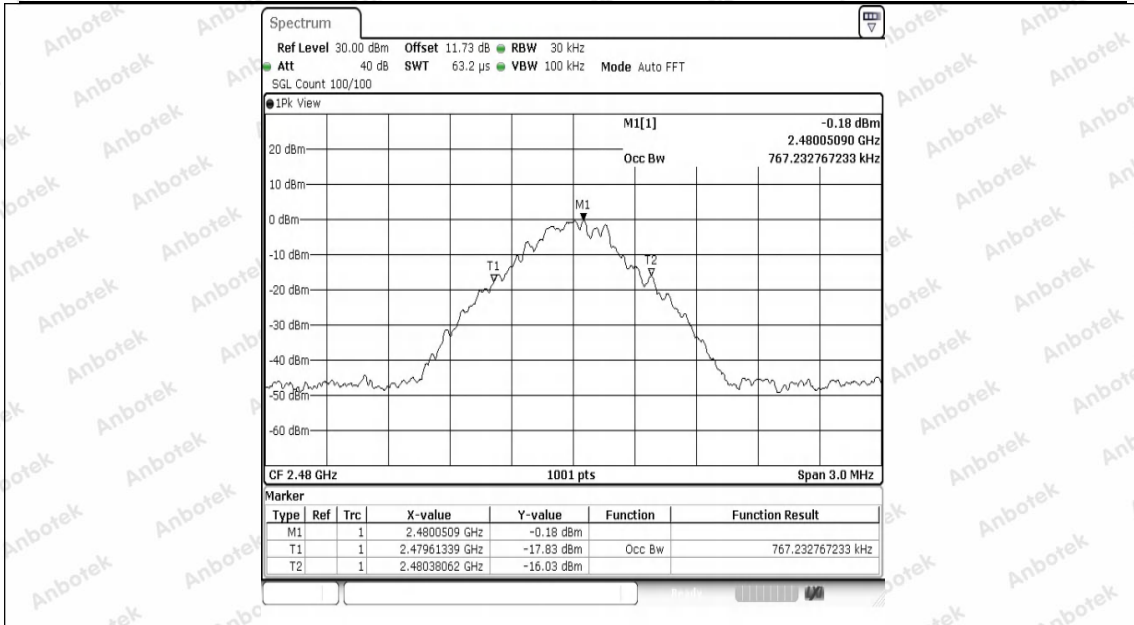


DH5-Ant1-2402

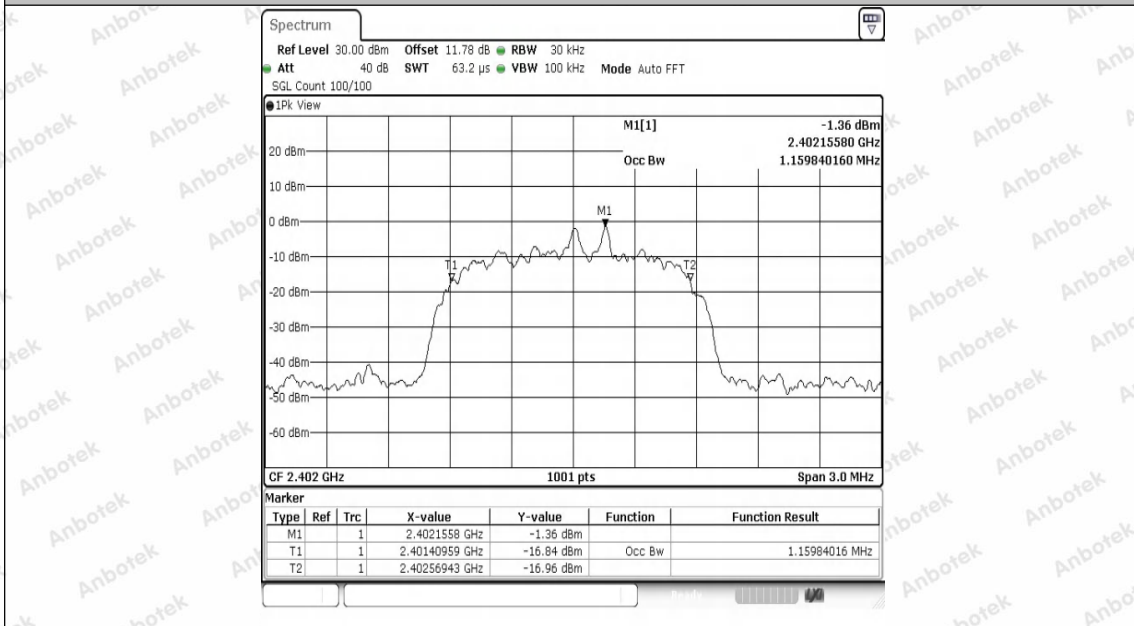


DH5-Ant1-2441





DH5-Ant1-2480



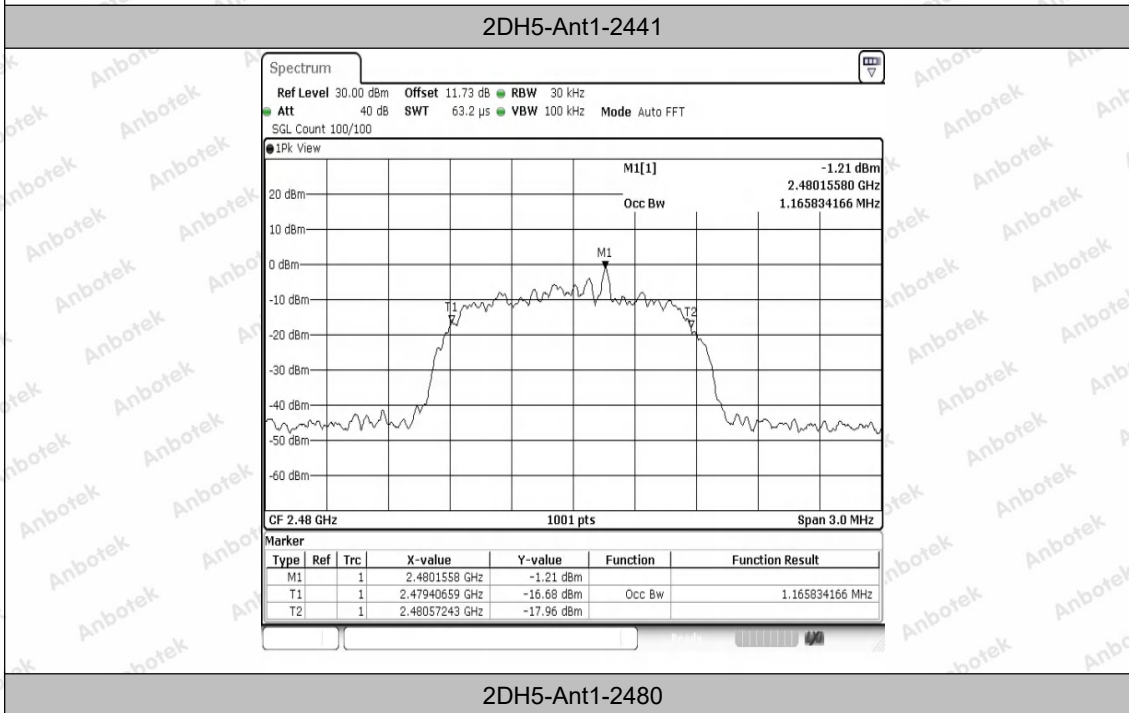
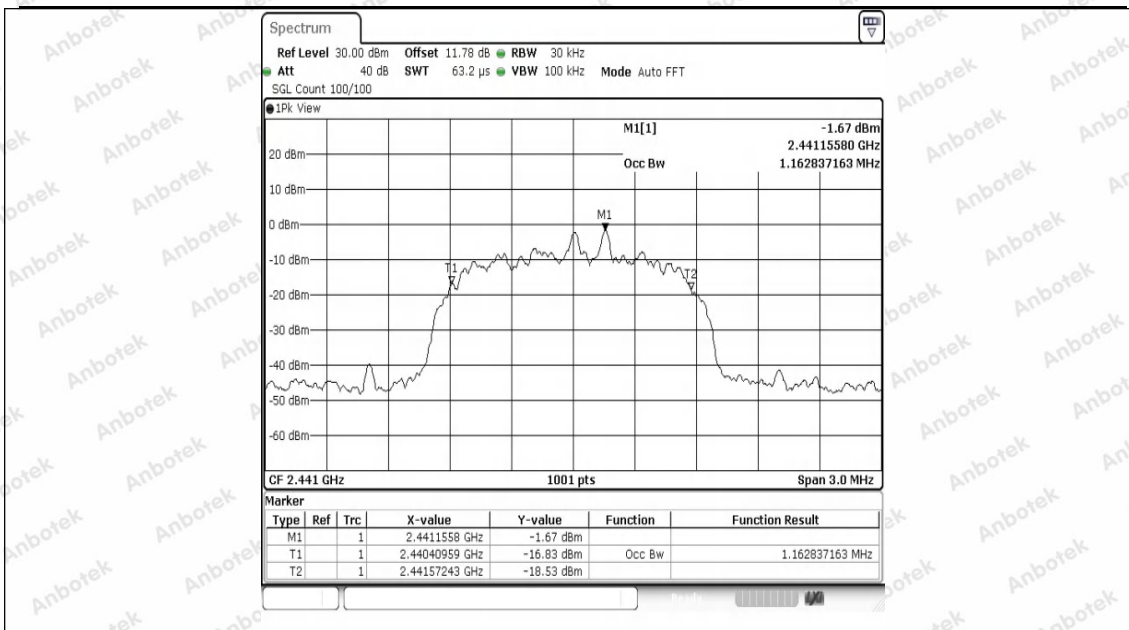
2DH5-Ant1-2402

Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

Hotline 400-003-0500
 www.anbotek.com.cn





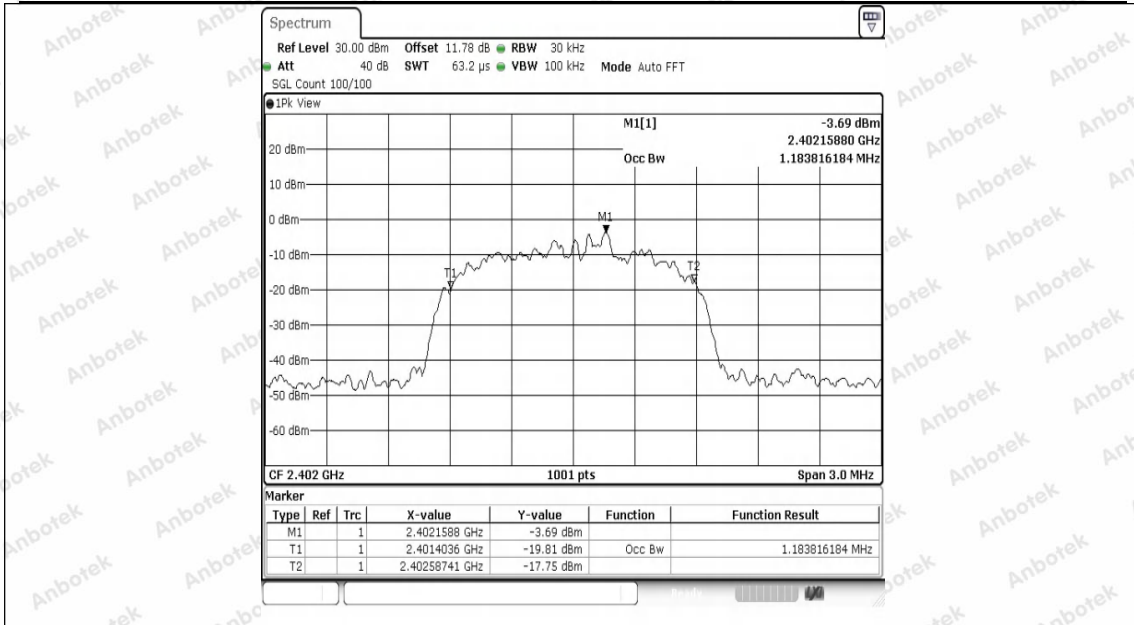
Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

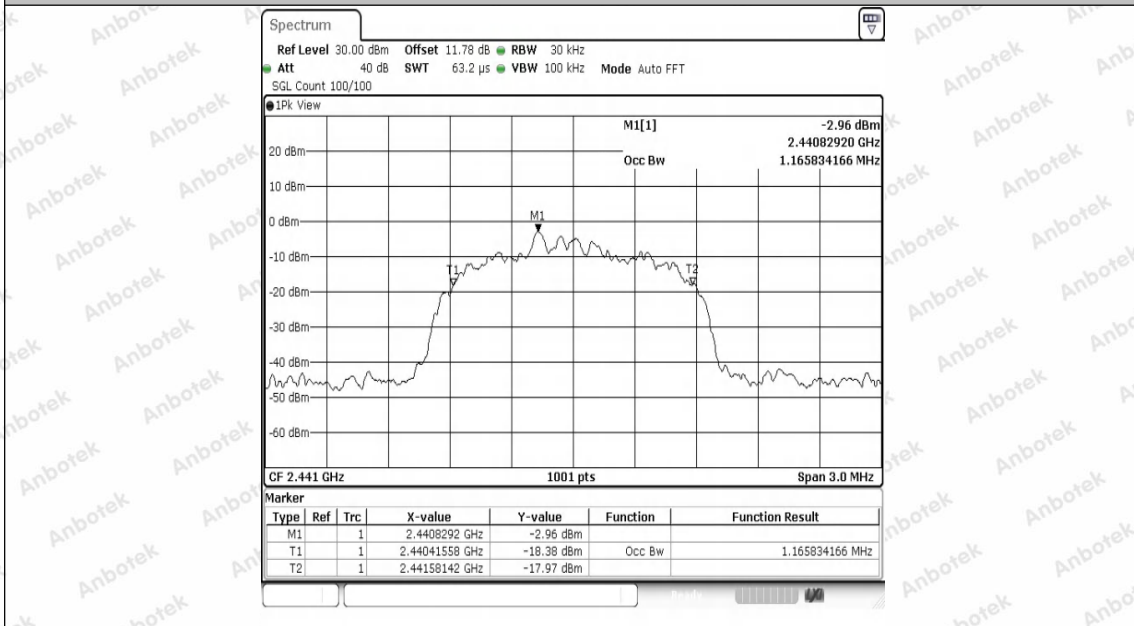


Hotline
 400-003-0500
www.anbotek.com.cn



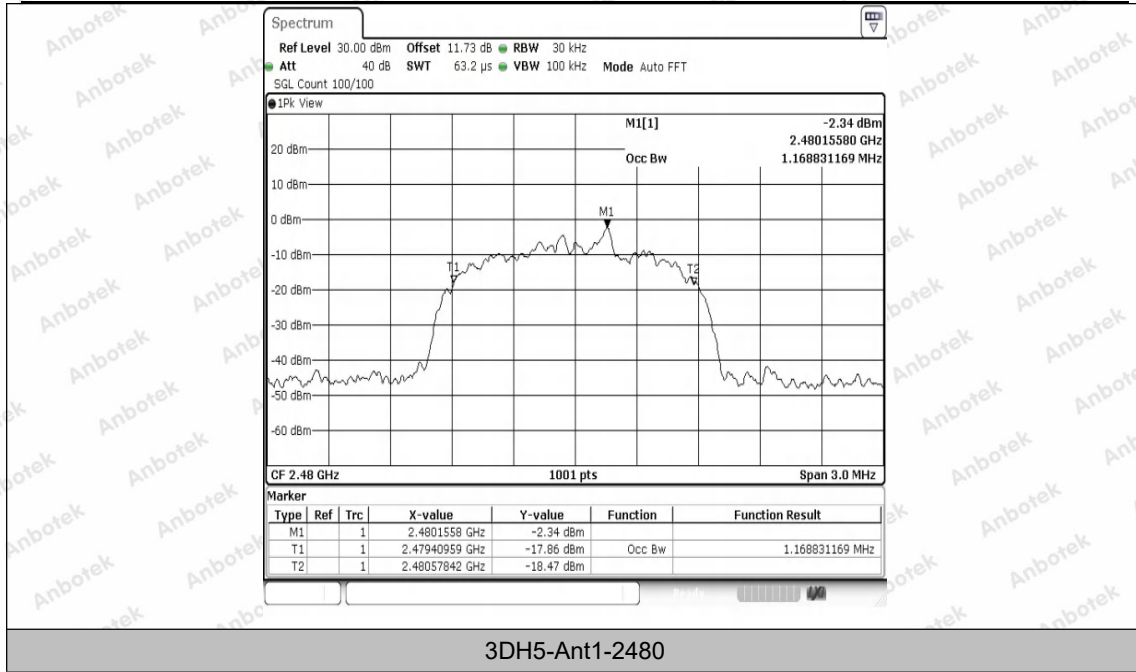


3DH5-Ant1-2402



3DH5-Ant1-2441





3DH5-Ant1-2480

Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



Hotline
 400-003-0500
 www.anbotek.com.cn

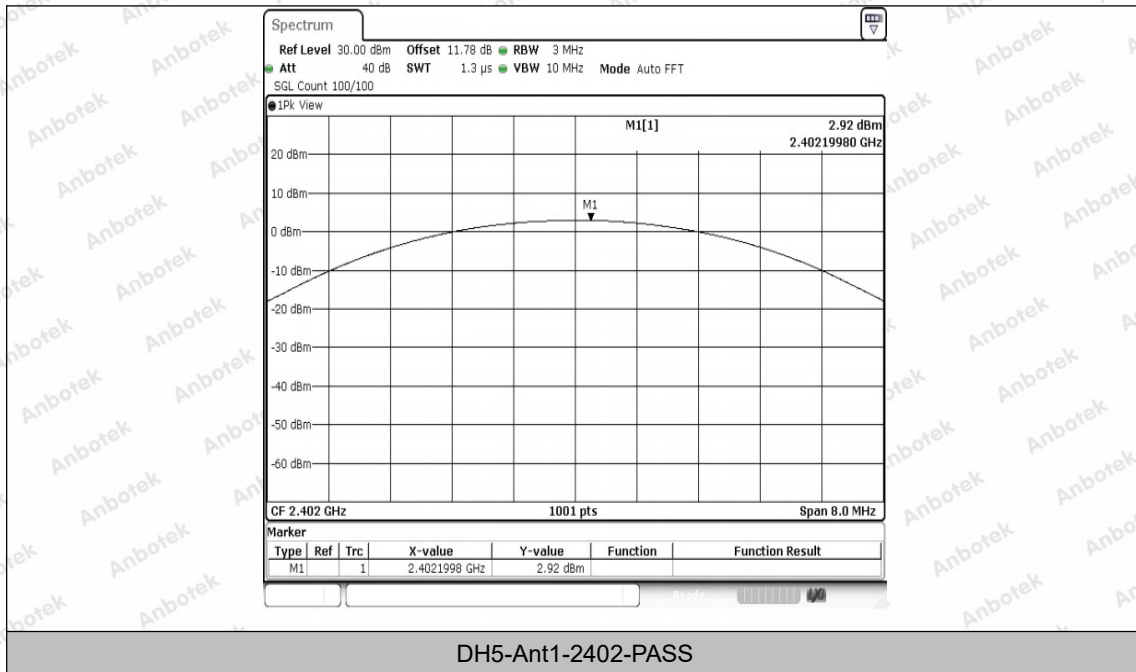


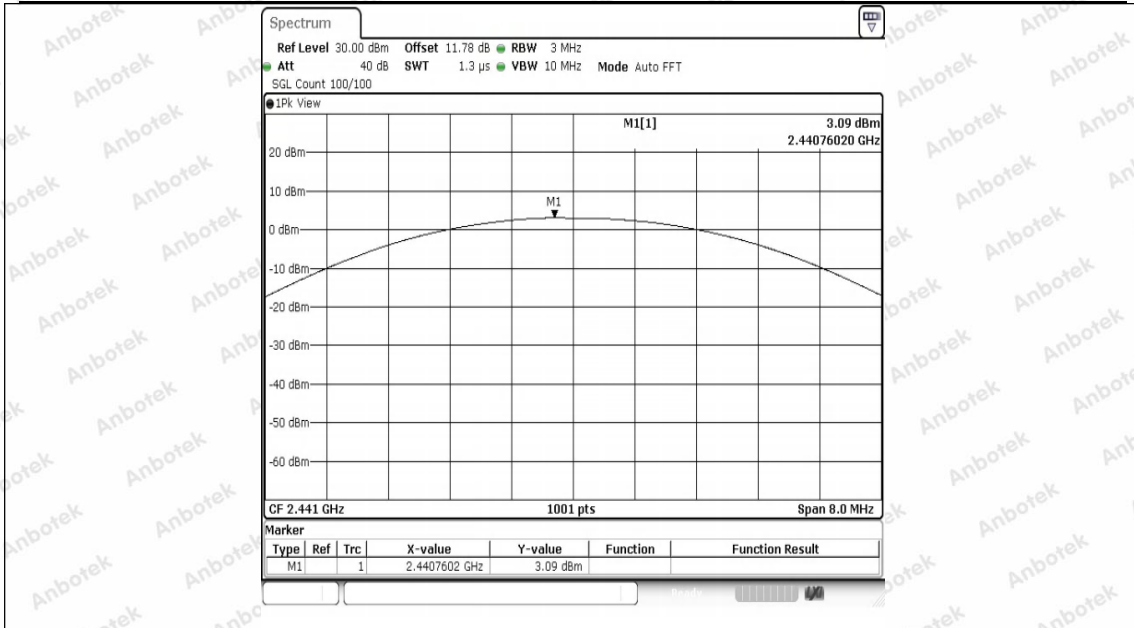
Appendix C: Maximum conducted output power

Test Result Peak

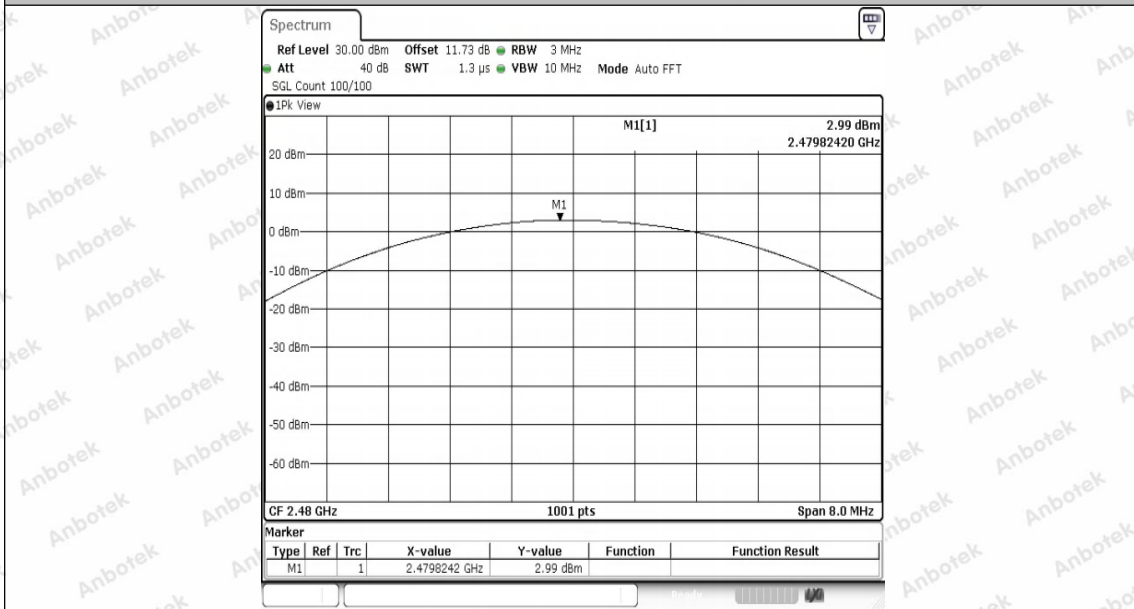
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	2.92	≤20.97	PASS
DH5	Ant1	2441	3.09	≤20.97	PASS
DH5	Ant1	2480	2.99	≤20.97	PASS
2DH5	Ant1	2402	1.96	≤20.97	PASS
2DH5	Ant1	2441	2.23	≤20.97	PASS
2DH5	Ant1	2480	1.98	≤20.97	PASS
3DH5	Ant1	2402	1.85	≤20.97	PASS
3DH5	Ant1	2441	2.14	≤20.97	PASS
3DH5	Ant1	2480	1.77	≤20.97	PASS

Test Graphs



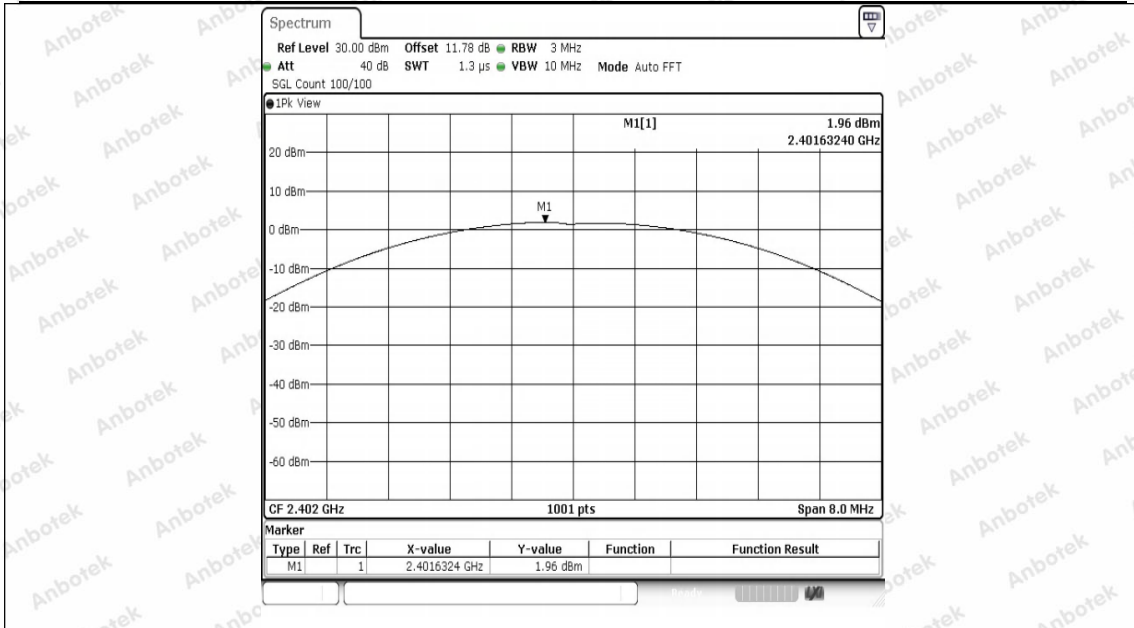


DH5-Ant1-2441-PASS

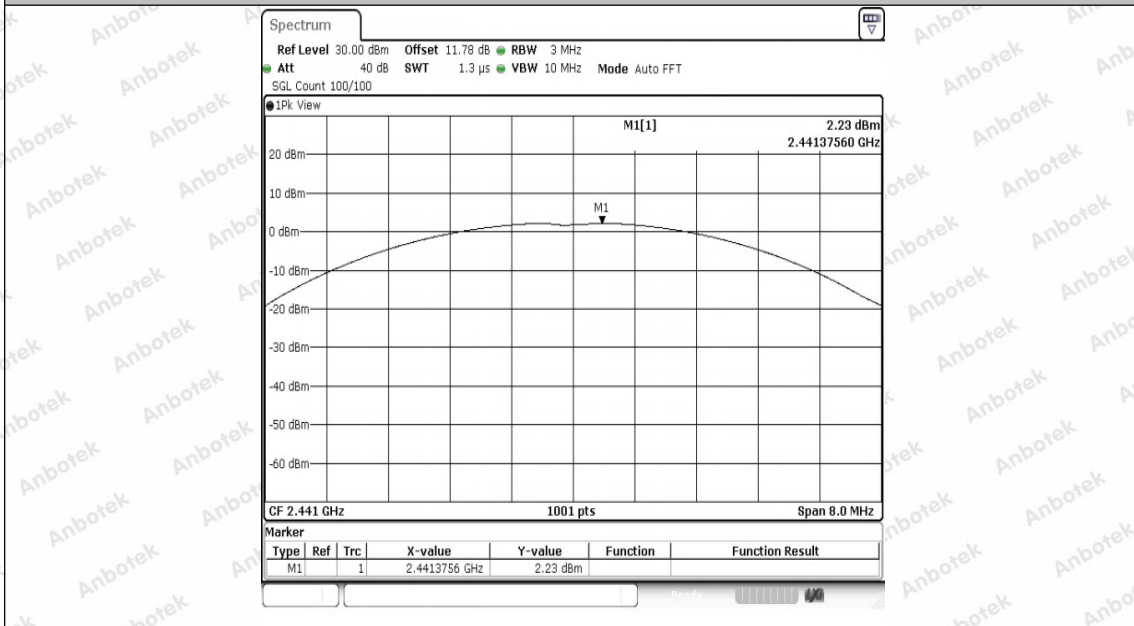


DH5-Ant1-2480-PASS



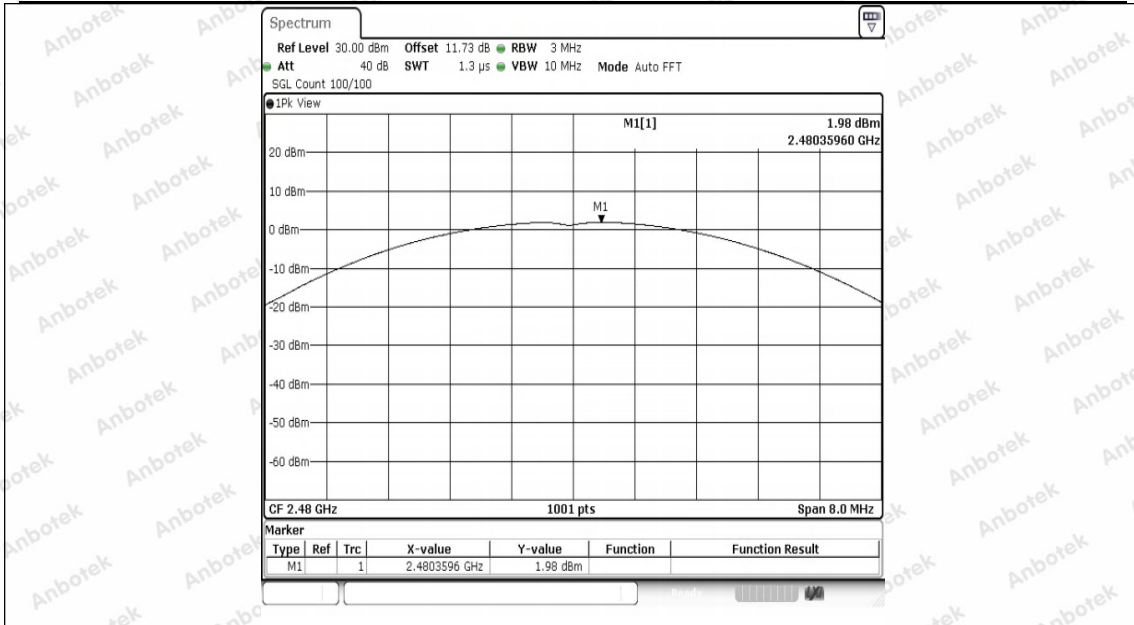


2DH5-Ant1-2402-PASS

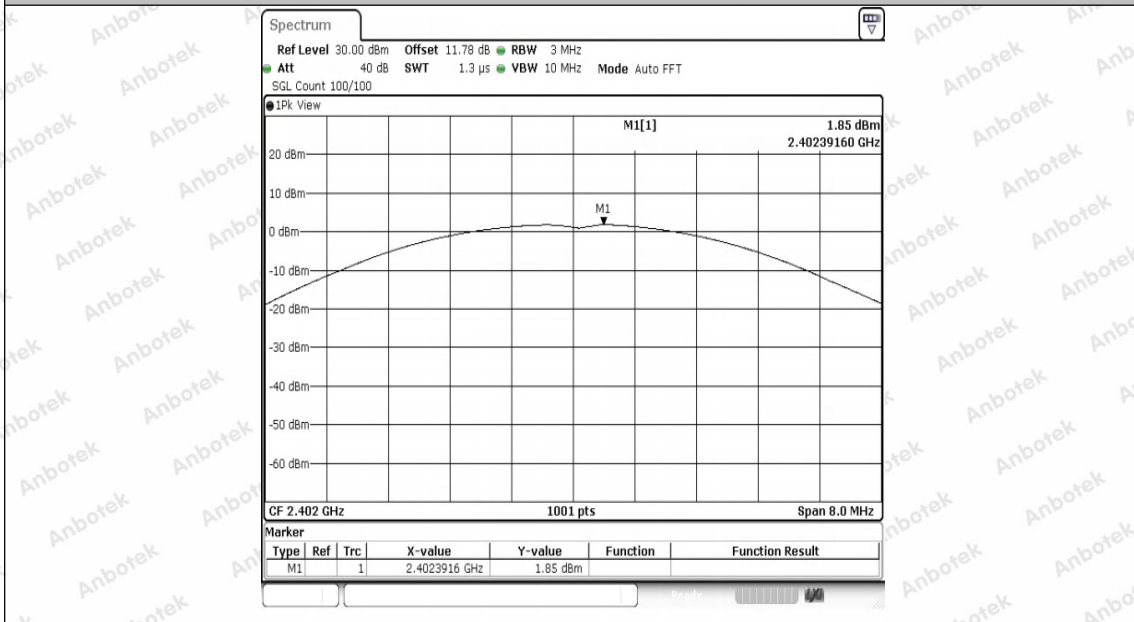


2DH5-Ant1-2441-PASS



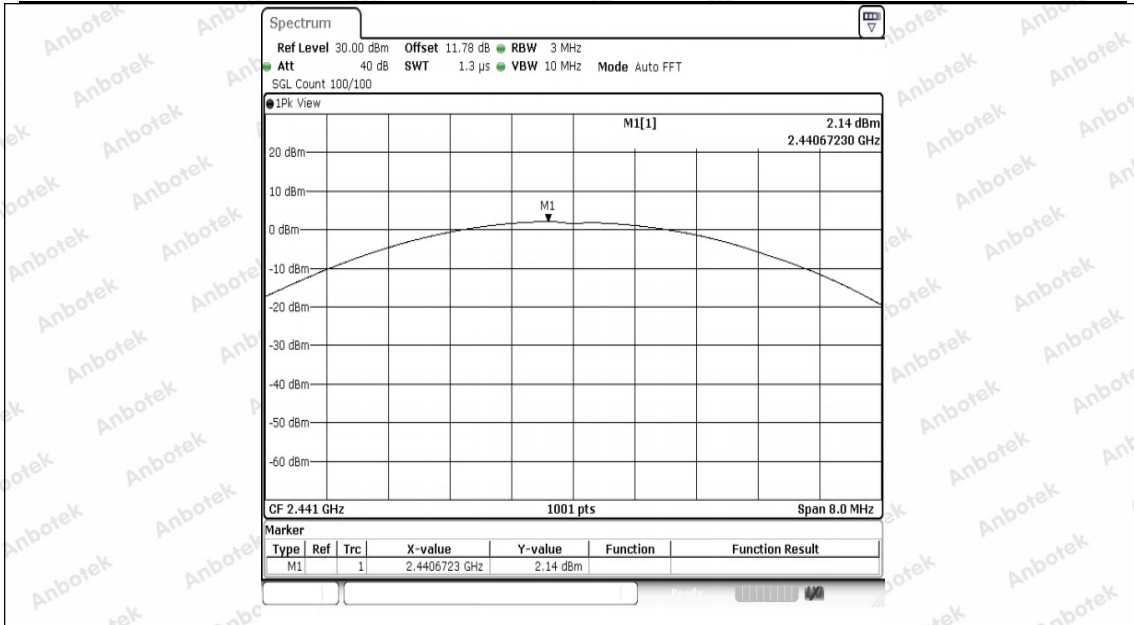


2DH5-Ant1-2480-PASS

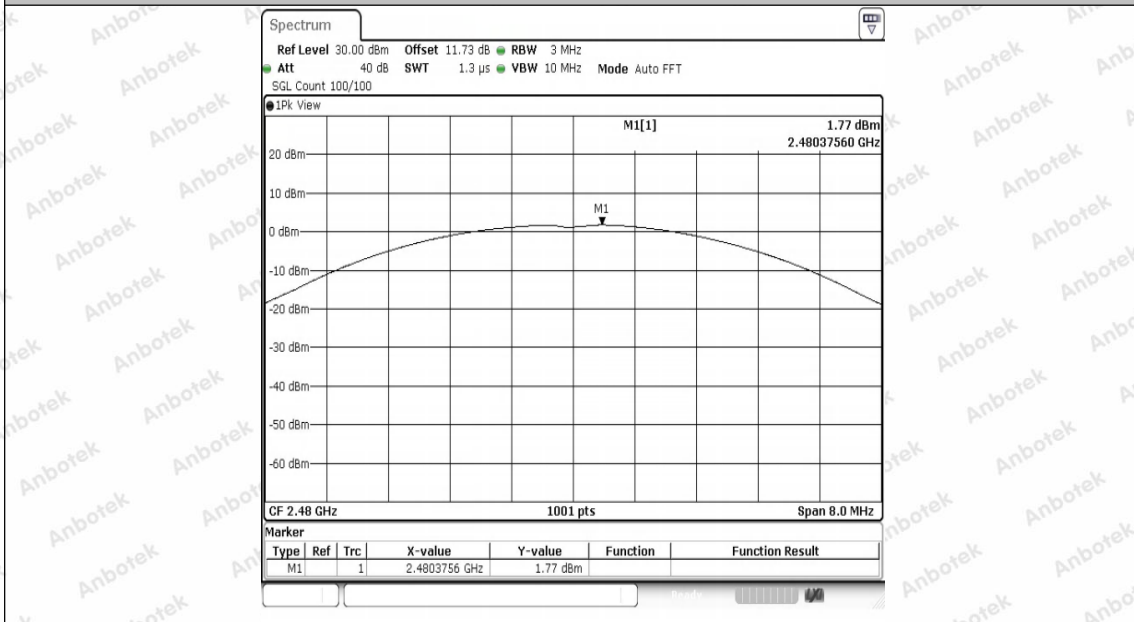


3DH5-Ant1-2402-PASS





3DH5-Ant1-2441-PASS



3DH5-Ant1-2480-PASS



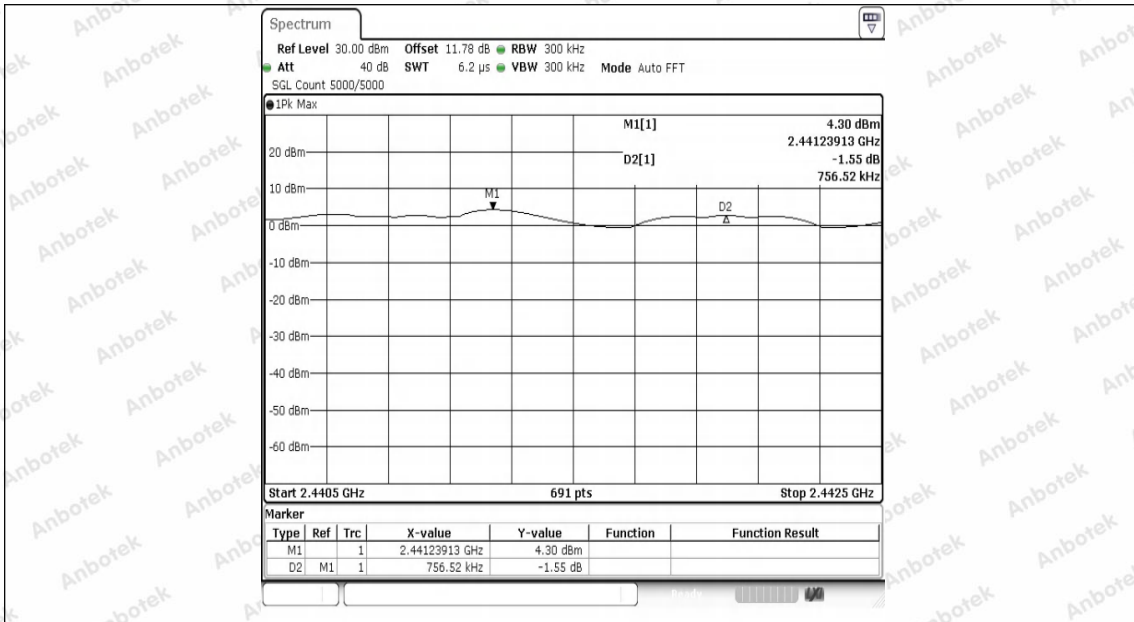
Appendix D: Carrier frequency separation

Test Result

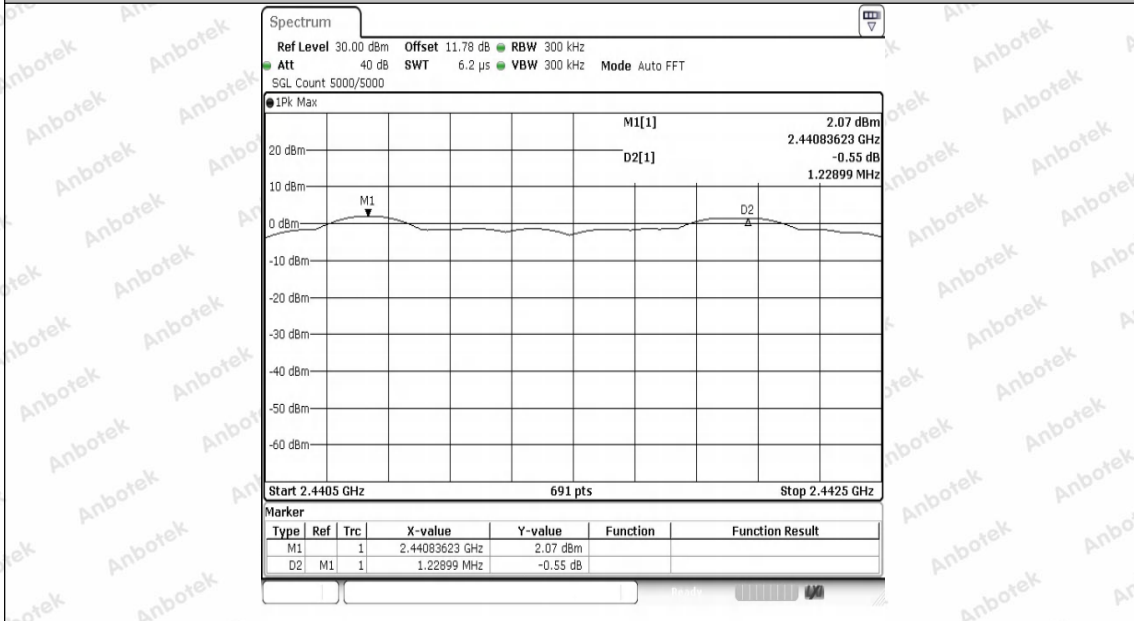
TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.757	≥ 0.573	PASS
2DH5	Ant1	Hop	1.229	≥ 0.893	PASS
3DH5	Ant1	Hop	0.983	≥ 0.867	PASS



Test Graphs

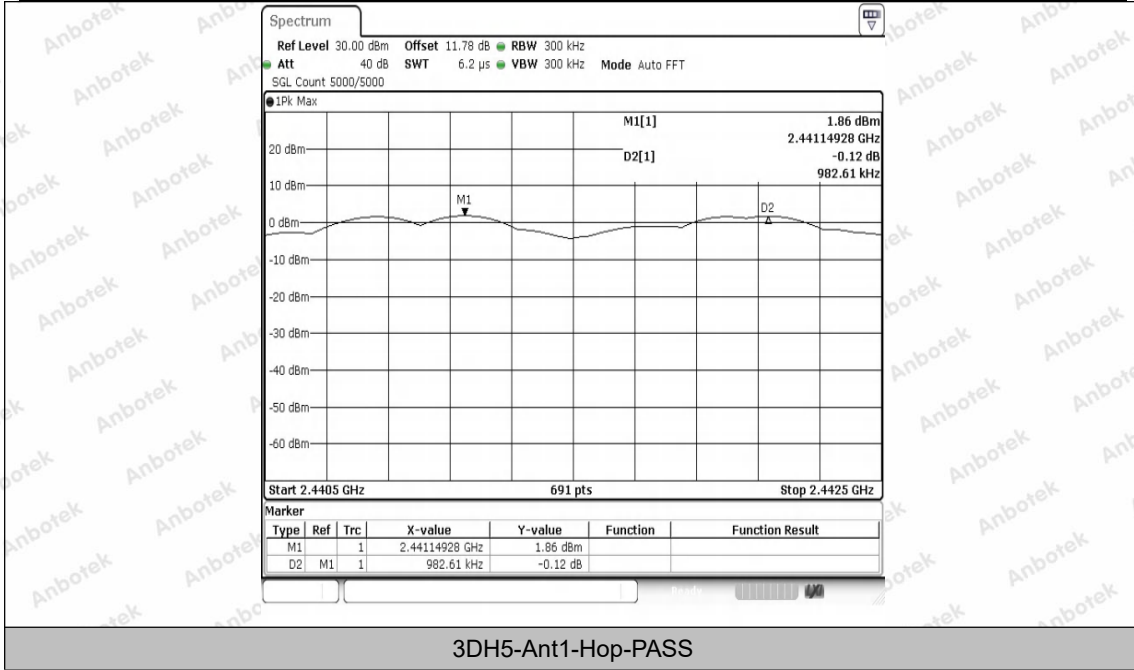


DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS





3DH5-Ant1-Hop-PASS

Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

Hotline
 400-003-0500
www.anbotek.com.cn



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	315	0.118	≤0.4	PASS
DH3	Ant1	Hop	1.629	160	0.261	≤0.4	PASS
DH5	Ant1	Hop	2.878	104	0.299	≤0.4	PASS
2DH1	Ant1	Hop	0.383	316	0.121	≤0.4	PASS
2DH3	Ant1	Hop	1.634	160	0.261	≤0.4	PASS
2DH5	Ant1	Hop	2.883	102	0.294	≤0.4	PASS
3DH1	Ant1	Hop	0.381	314	0.12	≤0.4	PASS
3DH3	Ant1	Hop	1.633	159	0.26	≤0.4	PASS
3DH5	Ant1	Hop	2.884	109	0.314	≤0.4	PASS

Shenzhen Anbotek Compliance Laboratory Limited

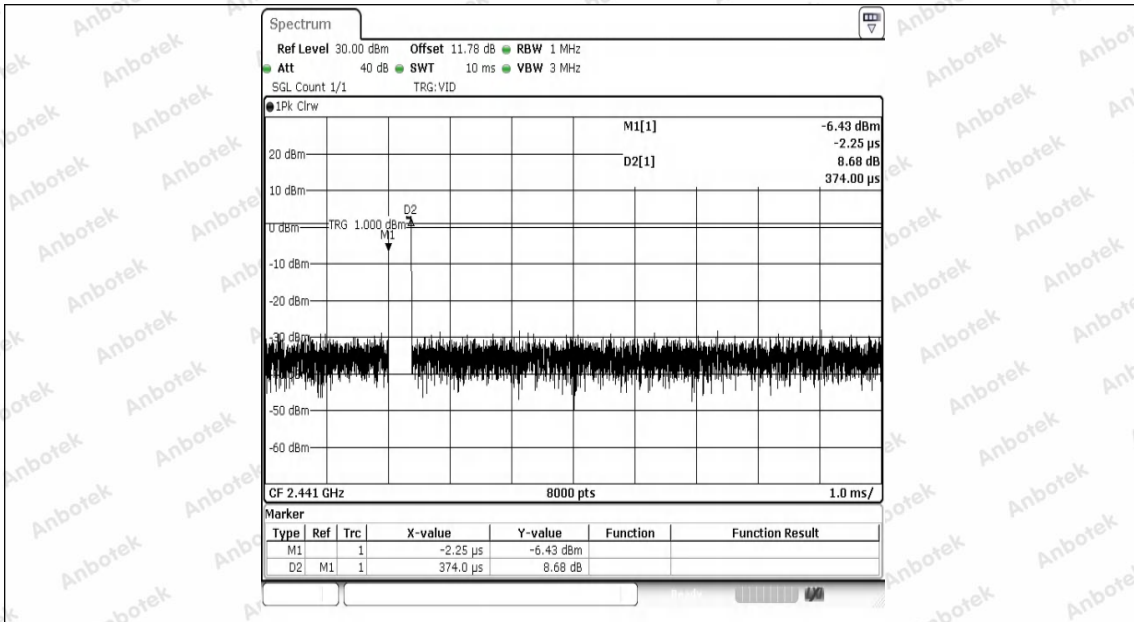
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community,
Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



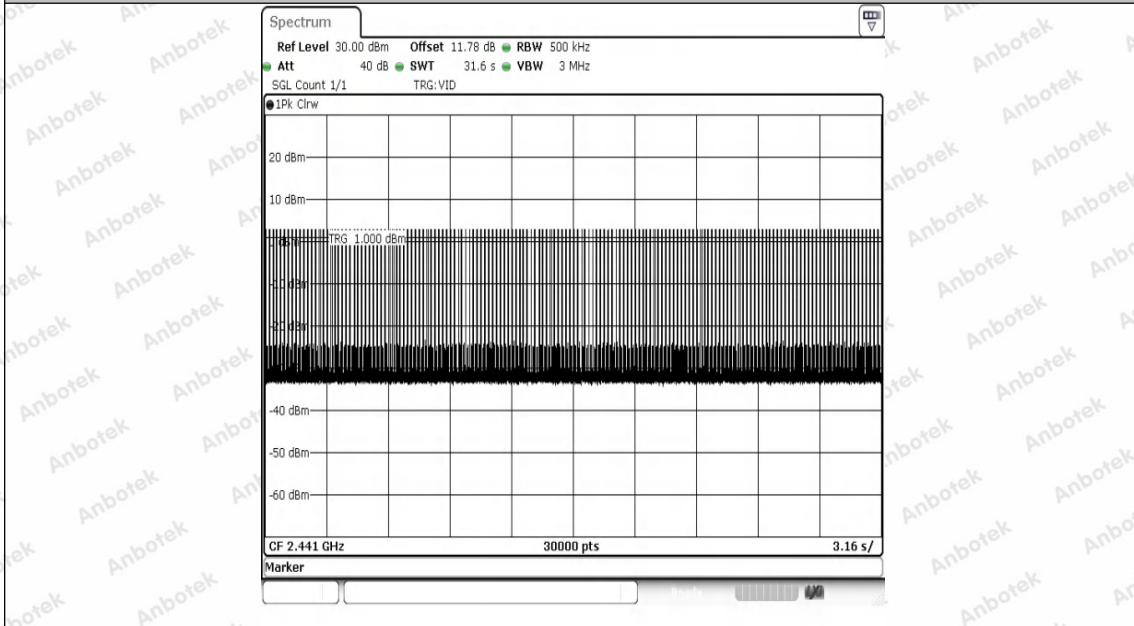
Hotline
400-003-0500
www.anbotek.com.cn

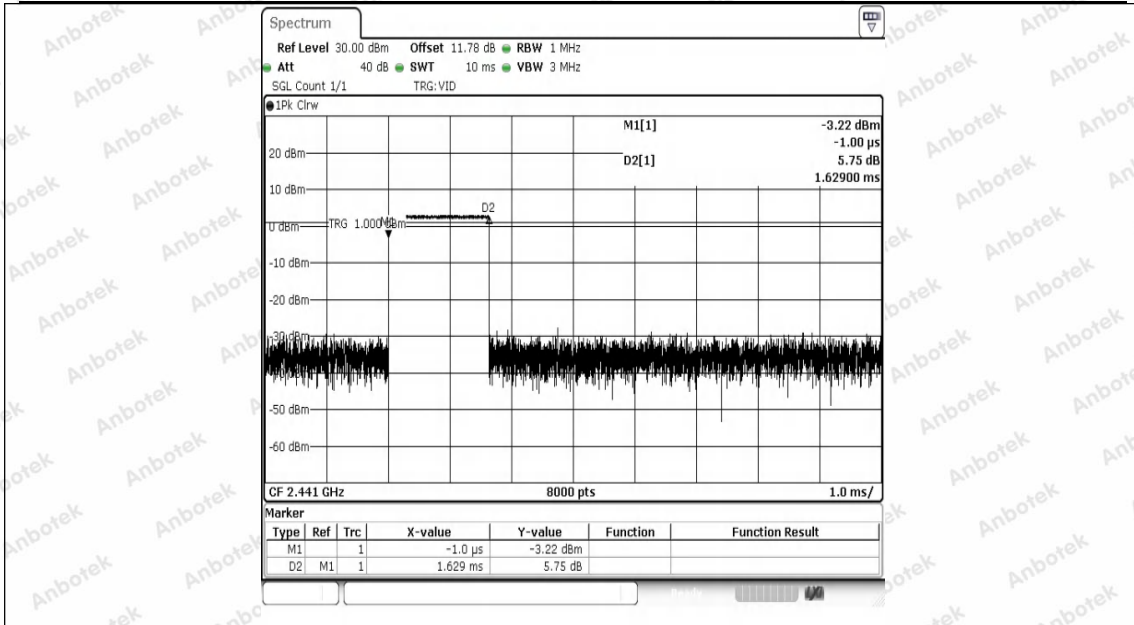


Test Graphs

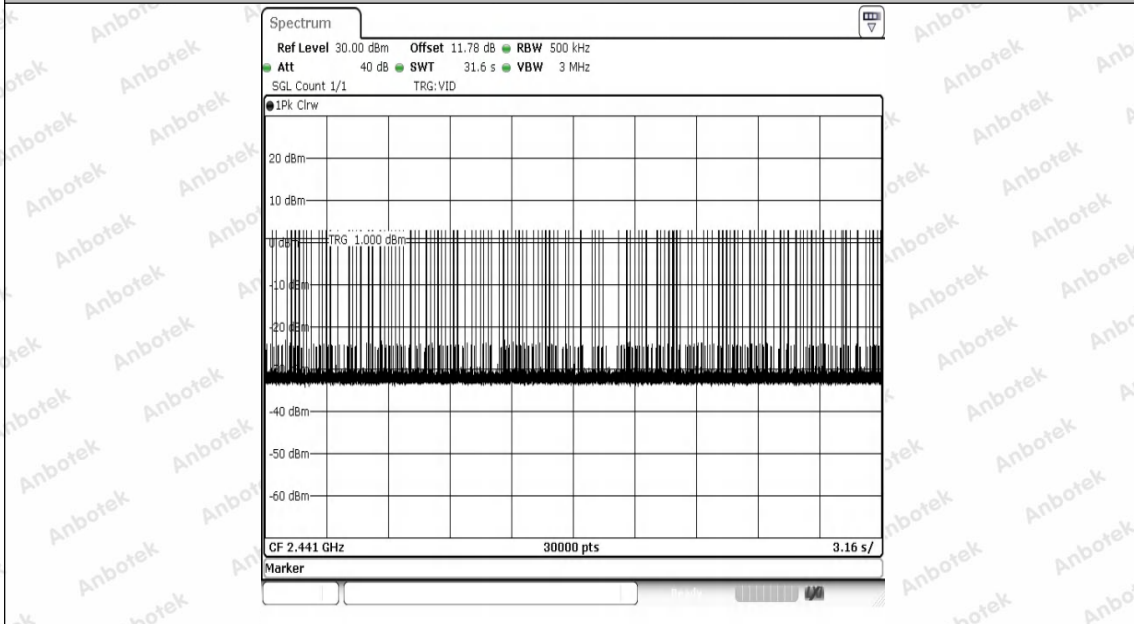


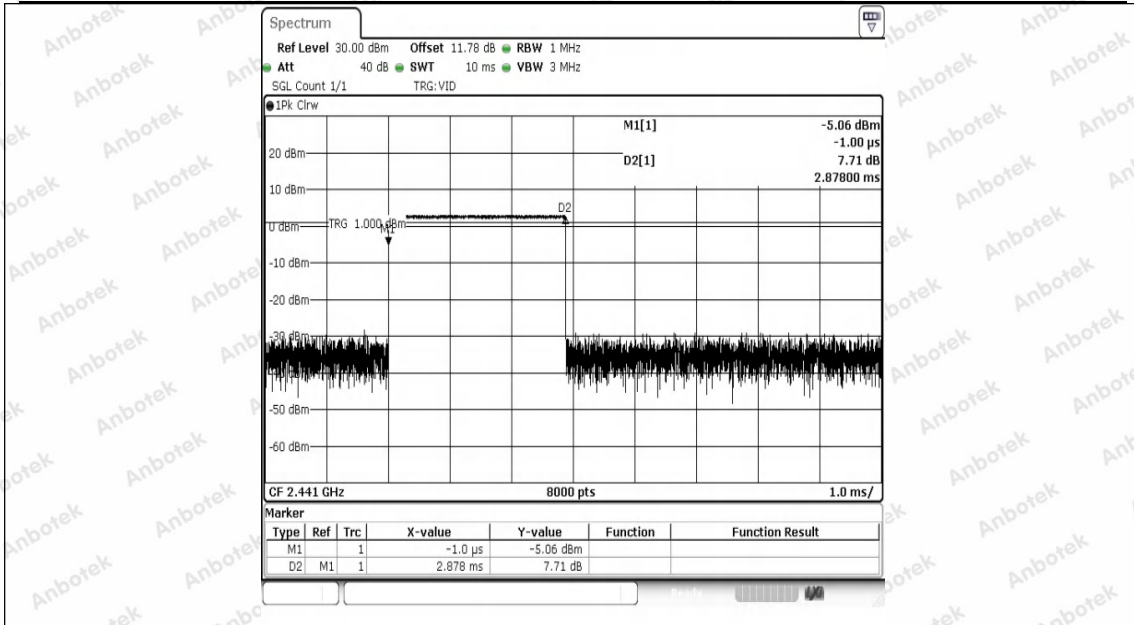
DH1-Ant1-Hop-PASS



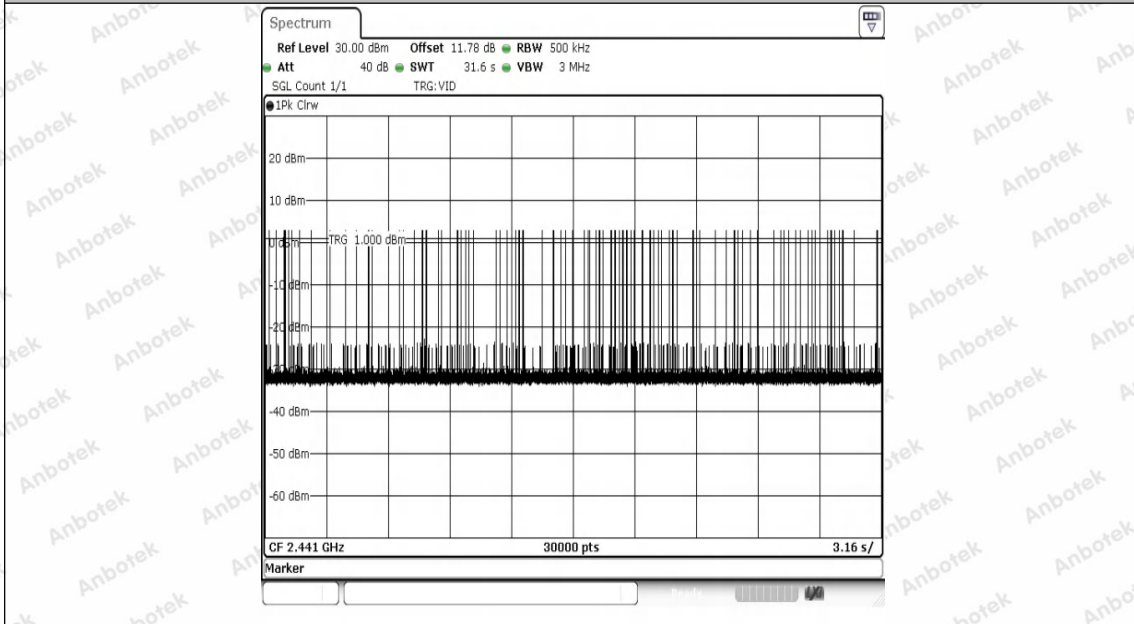


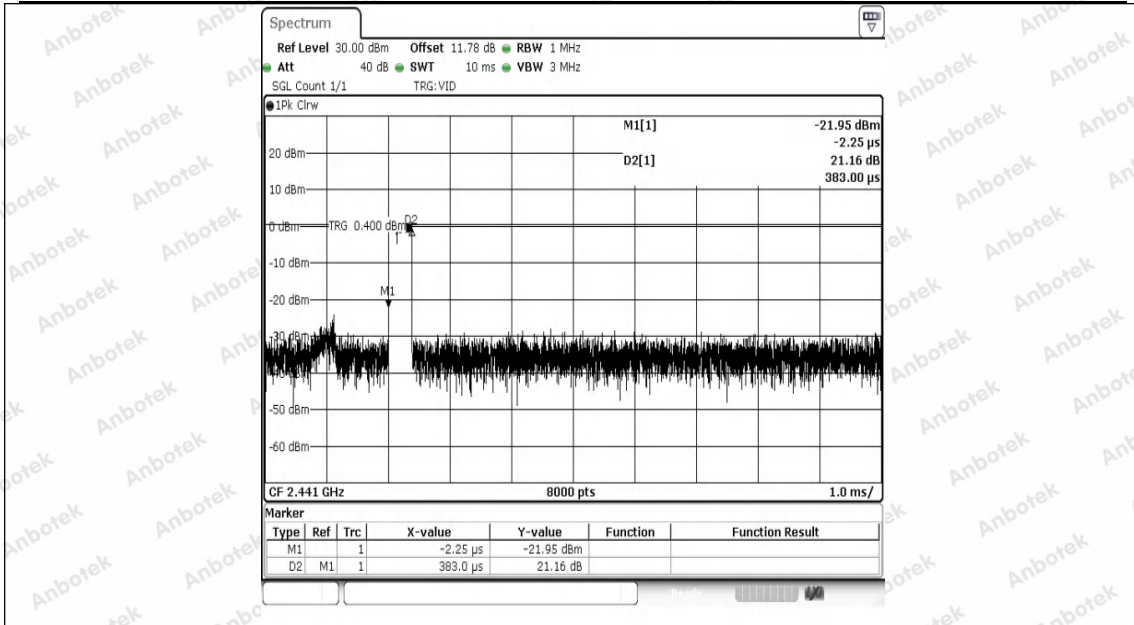
DH3-Ant1-Hop-PASS



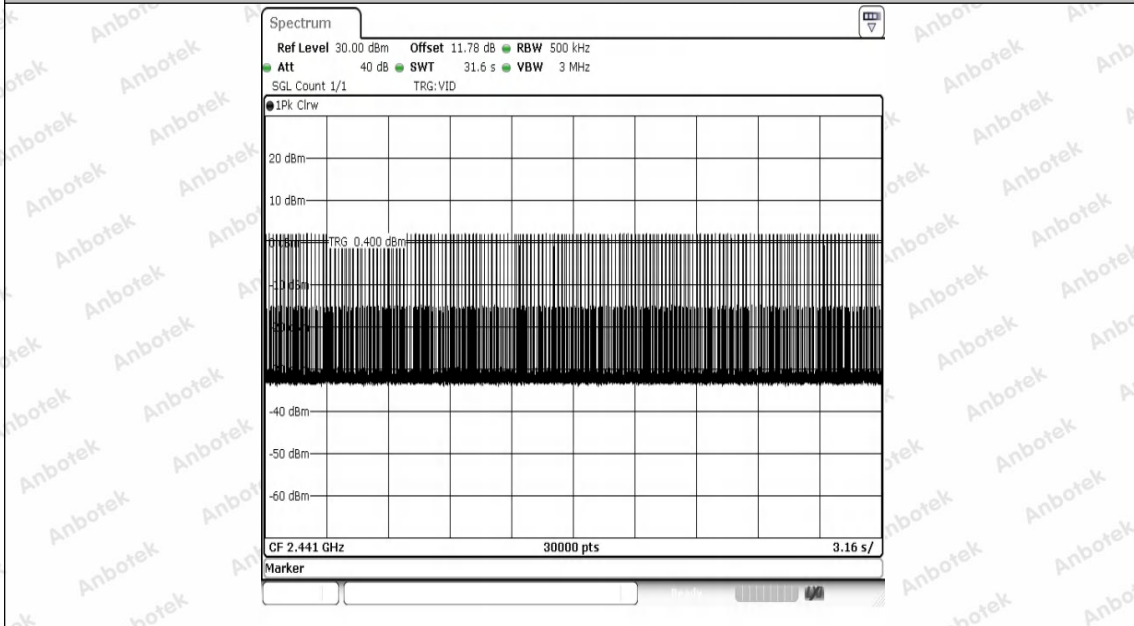


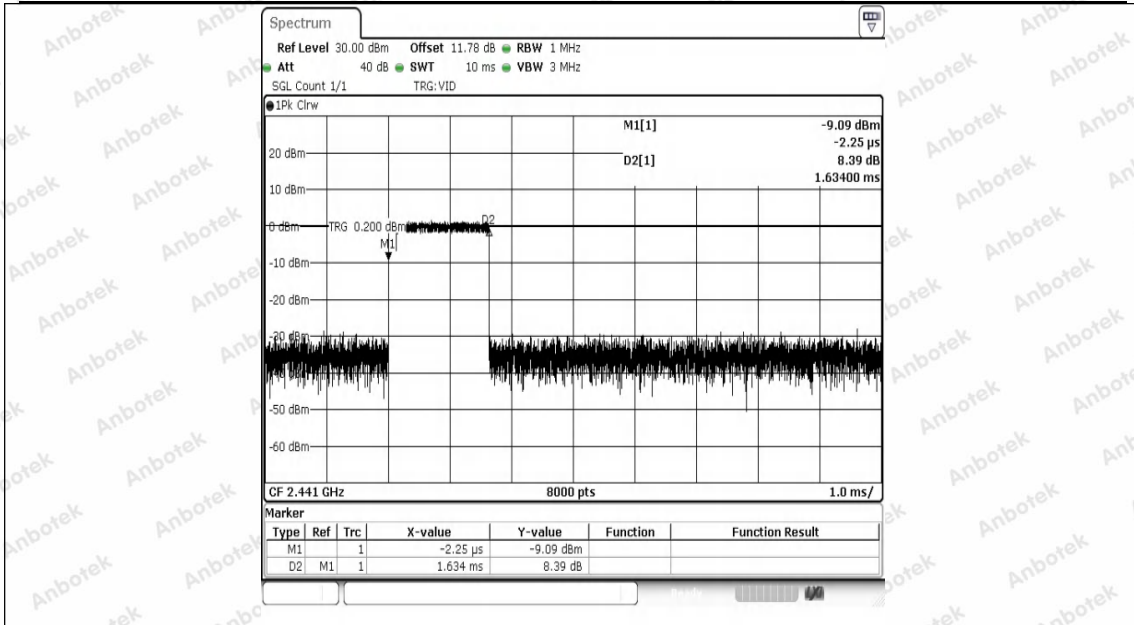
DH5-Ant1-Hop-PASS



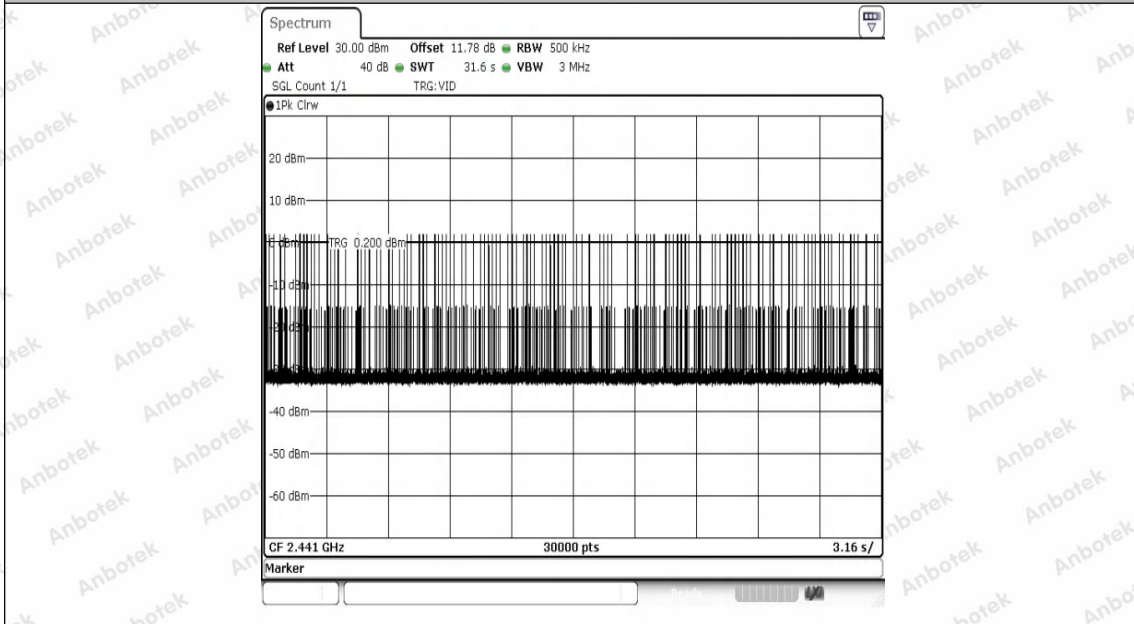


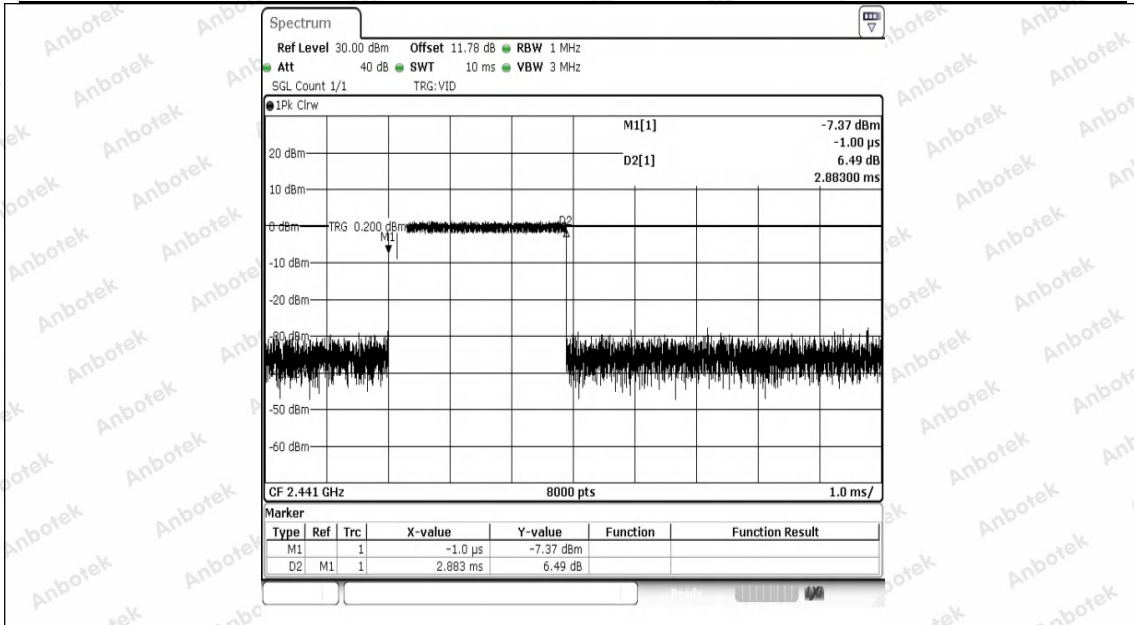
2DH1-Ant1-Hop-PASS



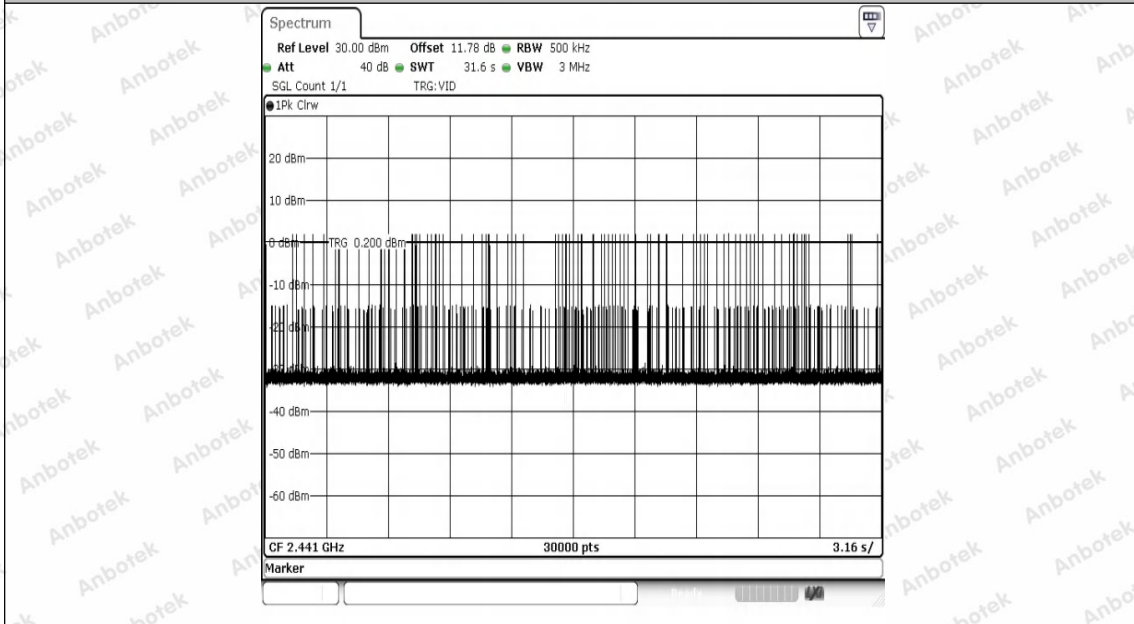


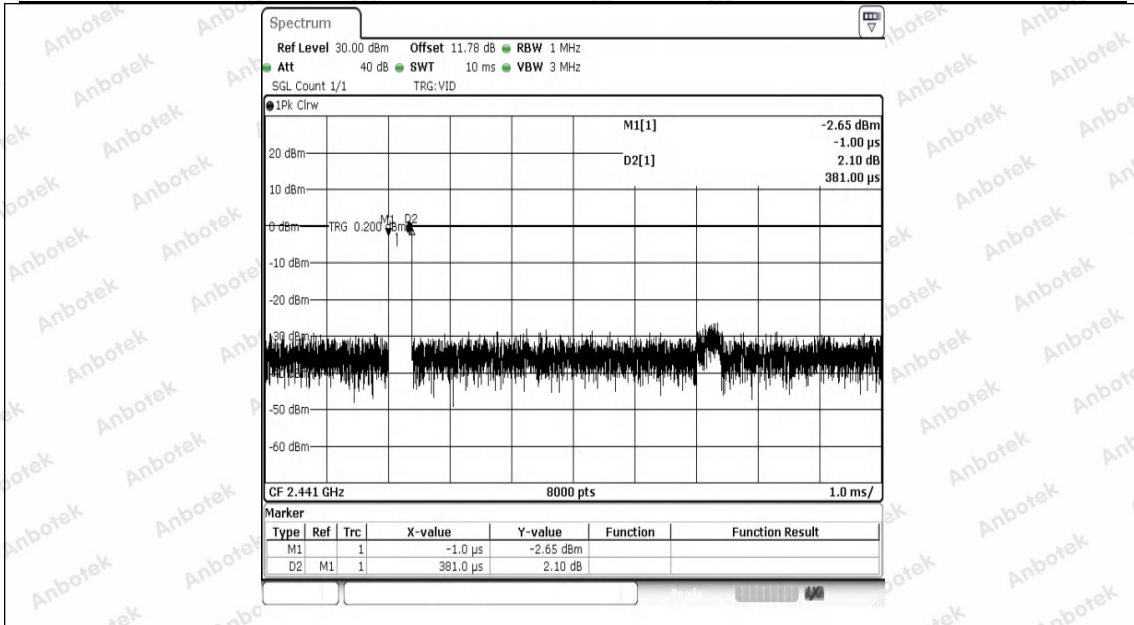
2DH3-Ant1-Hop-PASS



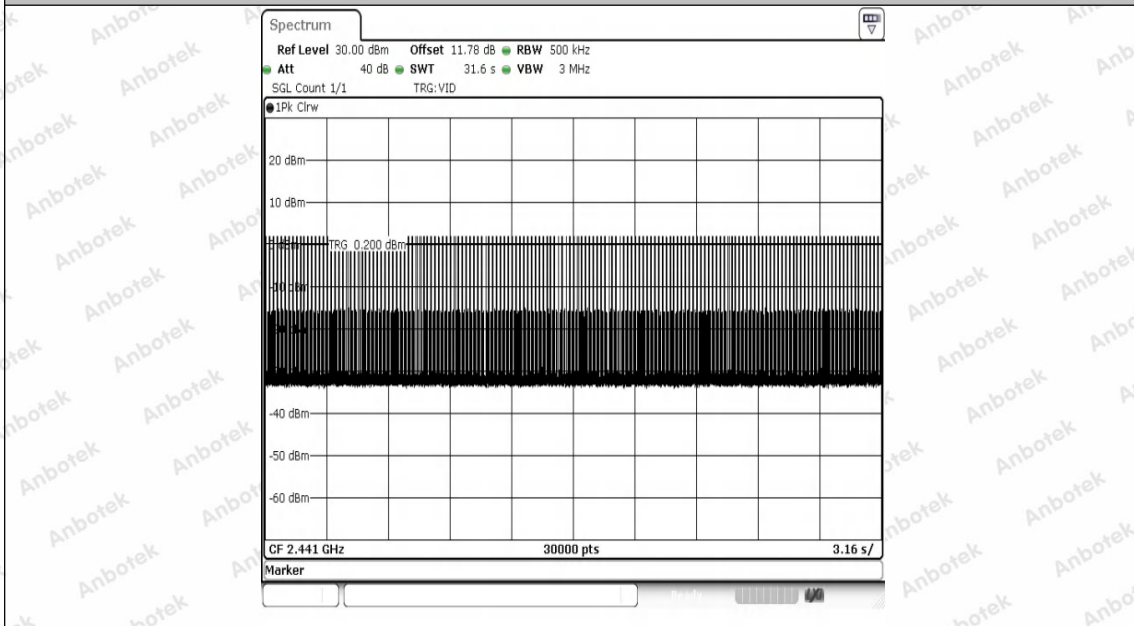


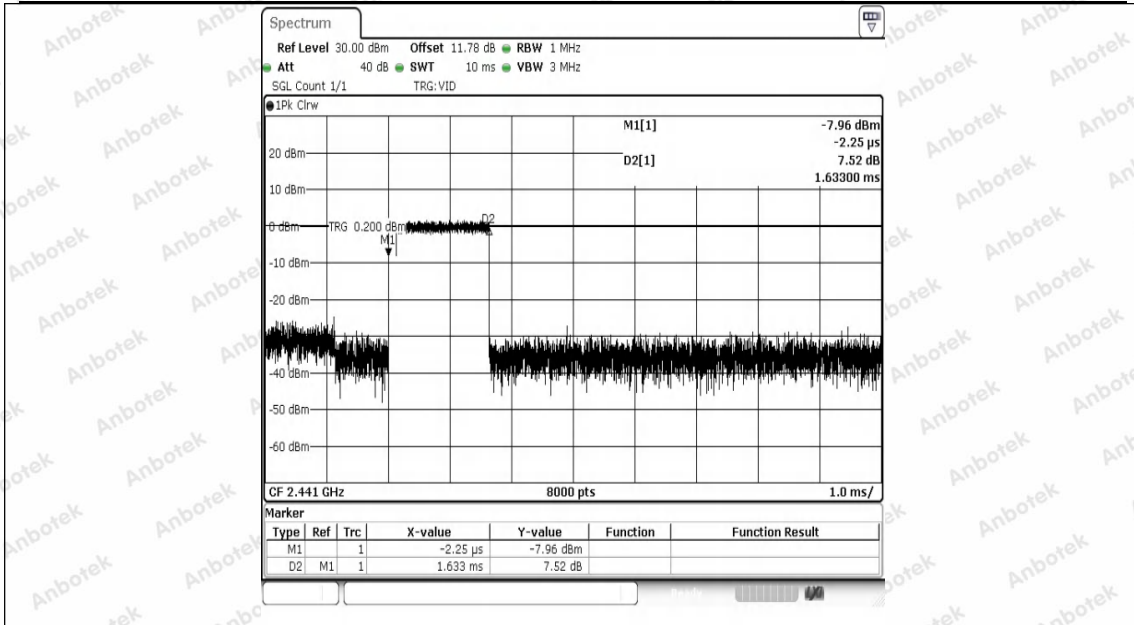
2DH5-Ant1-Hop-PASS



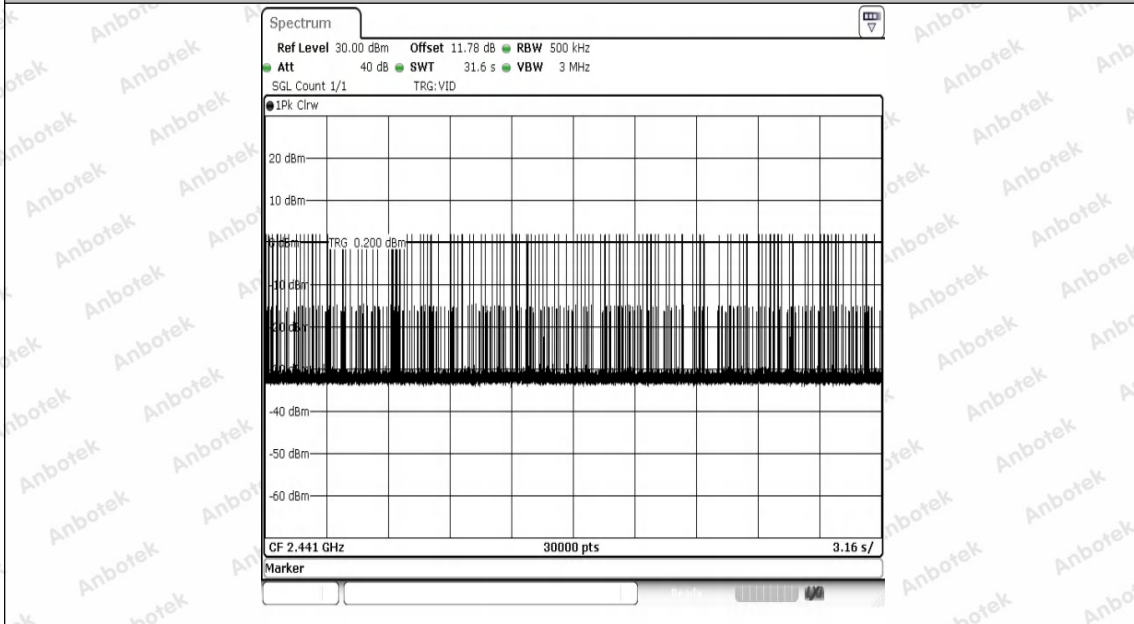


3DH1-Ant1-Hop-PASS





3DH3-Ant1-Hop-PASS

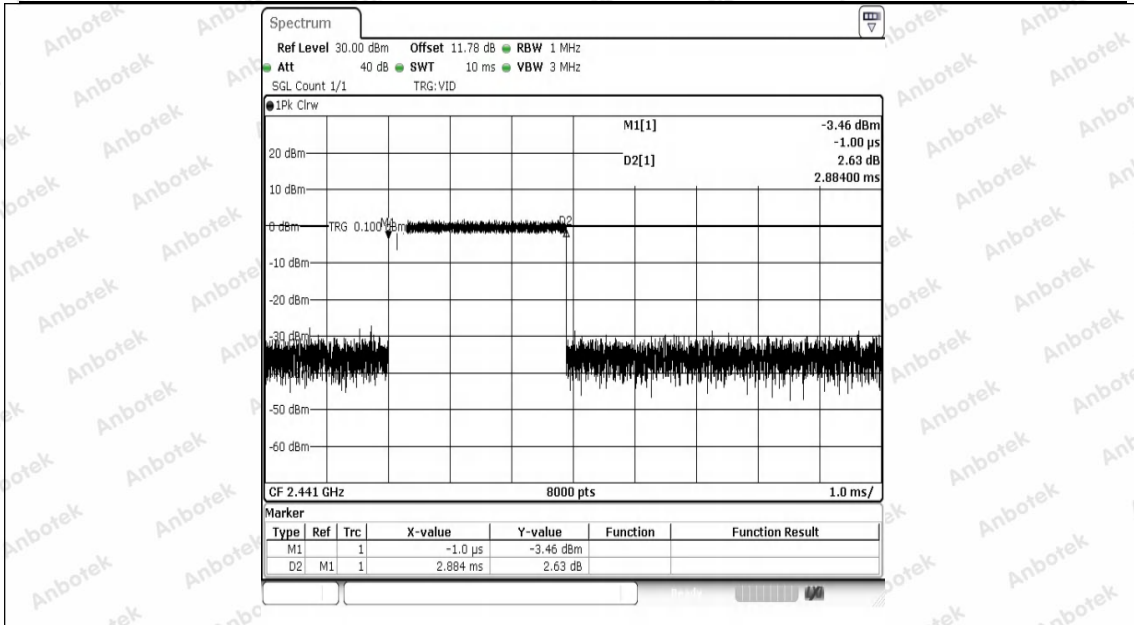


Shenzhen Anbotek Compliance Laboratory Limited

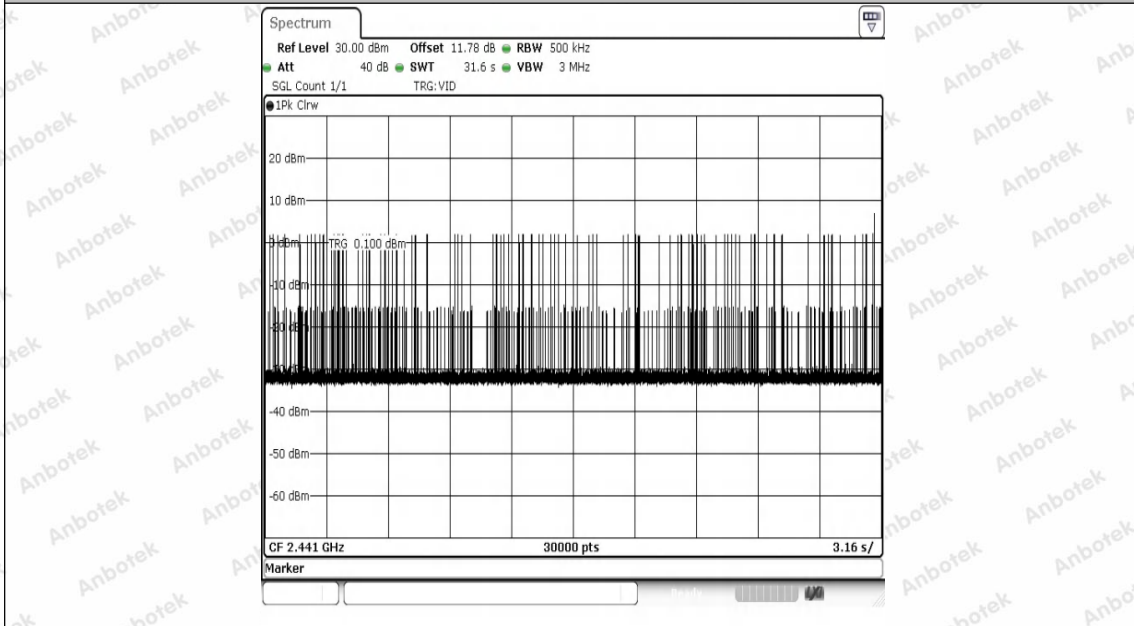
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

Hotline 400-003-0500
 www.anbotek.com.cn





3DH5-Ant1-Hop-PASS



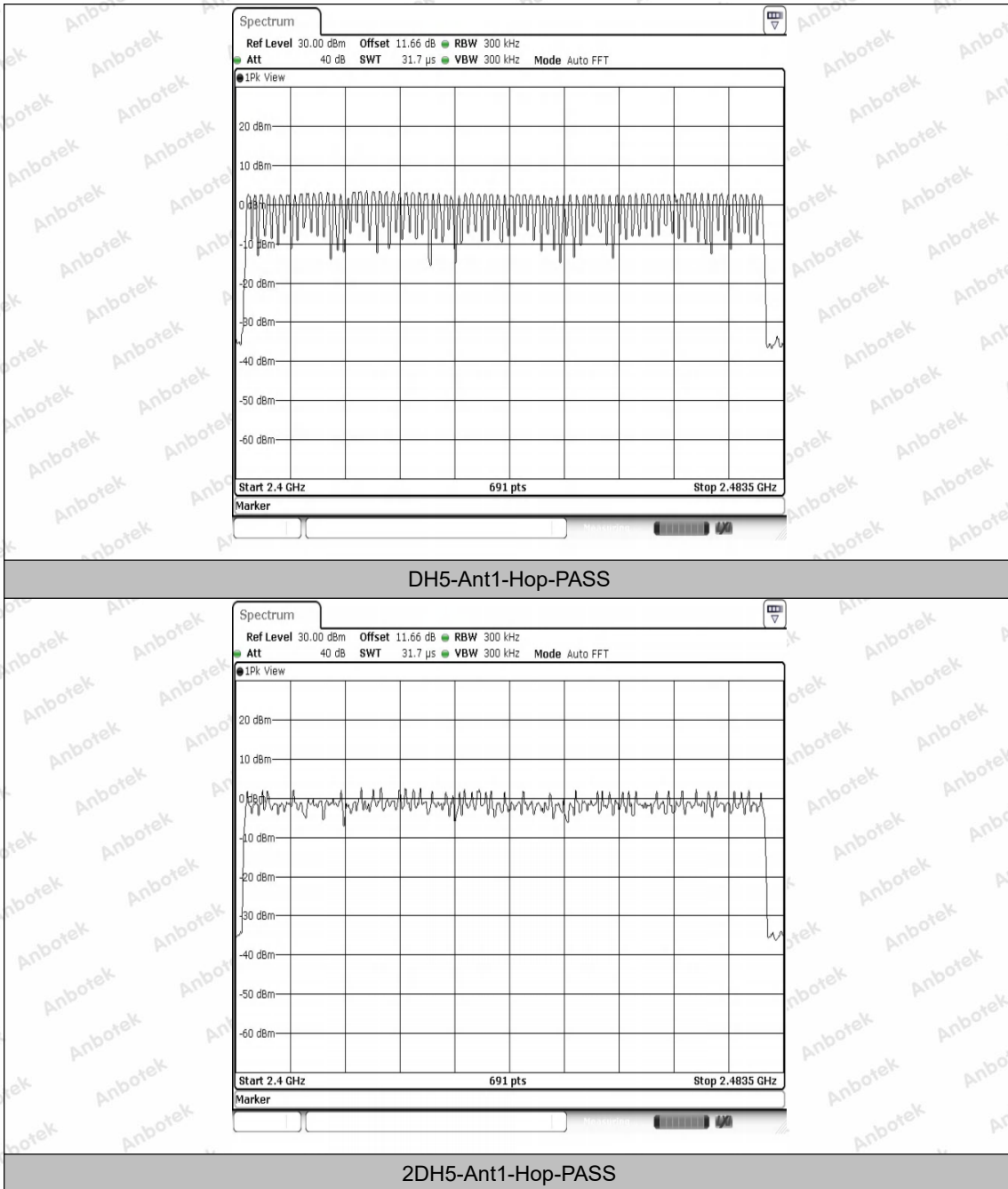
Appendix F: Number of hopping channels

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

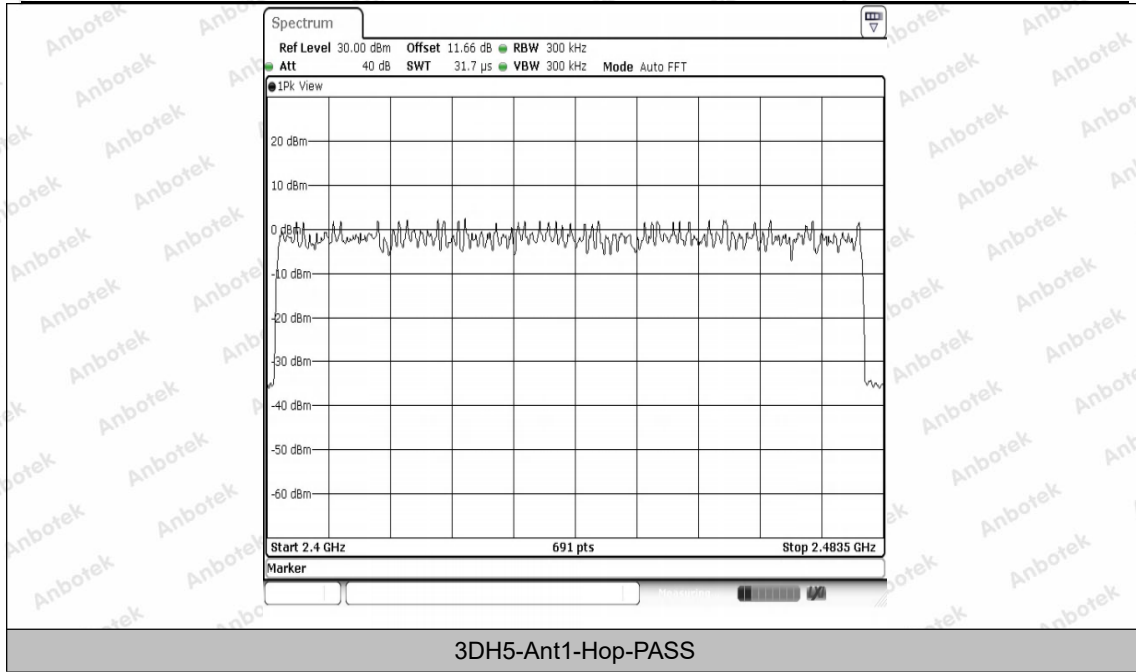


Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

Hotline
400-003-0500
www.anbotek.com.cn





Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



Hotline
400-003-0500
www.anbotek.com.cn



Appendix G: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-2.05	-49.2	≤-22.05	PASS
DH5	Ant1	High	2480	0.83	-49.01	≤-19.17	PASS
DH5	Ant1	Low	Hop_2402	1.87	-47.52	≤-18.13	PASS
DH5	Ant1	High	Hop_2480	2.58	-46.18	≤-17.42	PASS
2DH5	Ant1	Low	2402	-5.42	-51.77	≤-25.42	PASS
2DH5	Ant1	High	2480	-5.11	-49.45	≤-25.11	PASS
2DH5	Ant1	Low	Hop_2402	-3.75	-47.56	≤-23.75	PASS
2DH5	Ant1	High	Hop_2480	1.44	-45.56	≤-18.56	PASS
3DH5	Ant1	Low	2402	-4.43	-49.49	≤-24.43	PASS
3DH5	Ant1	High	2480	0.64	-46.4	≤-19.36	PASS
3DH5	Ant1	Low	Hop_2402	-2.75	-47.44	≤-22.75	PASS
3DH5	Ant1	High	Hop_2480	1.06	-46.03	≤-18.94	PASS

Shenzhen Anbotek Compliance Laboratory Limited

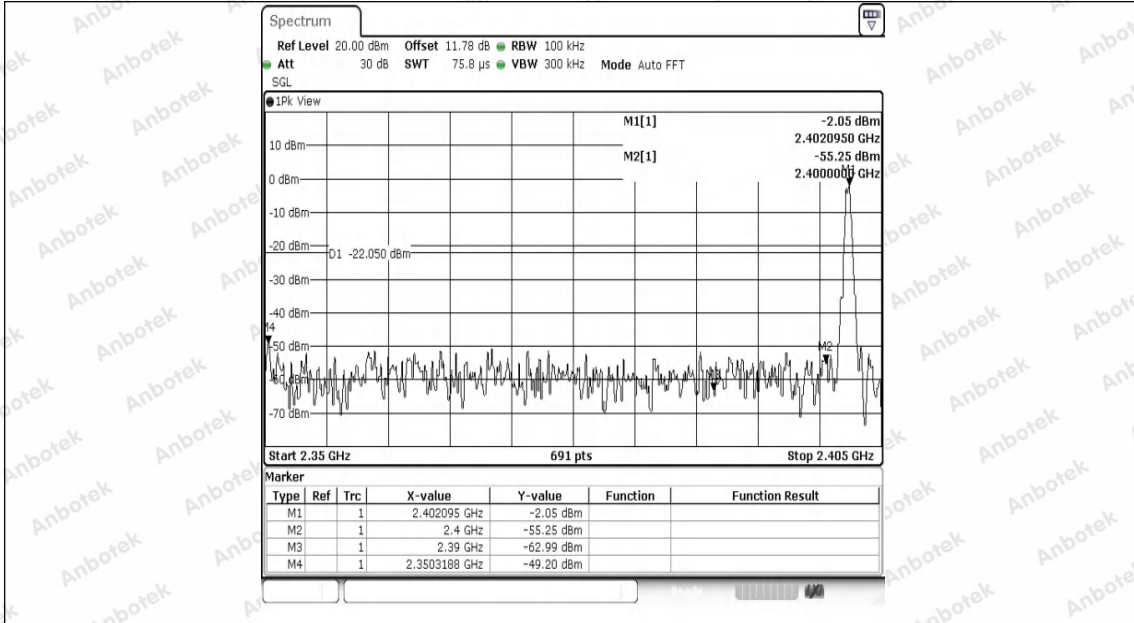
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



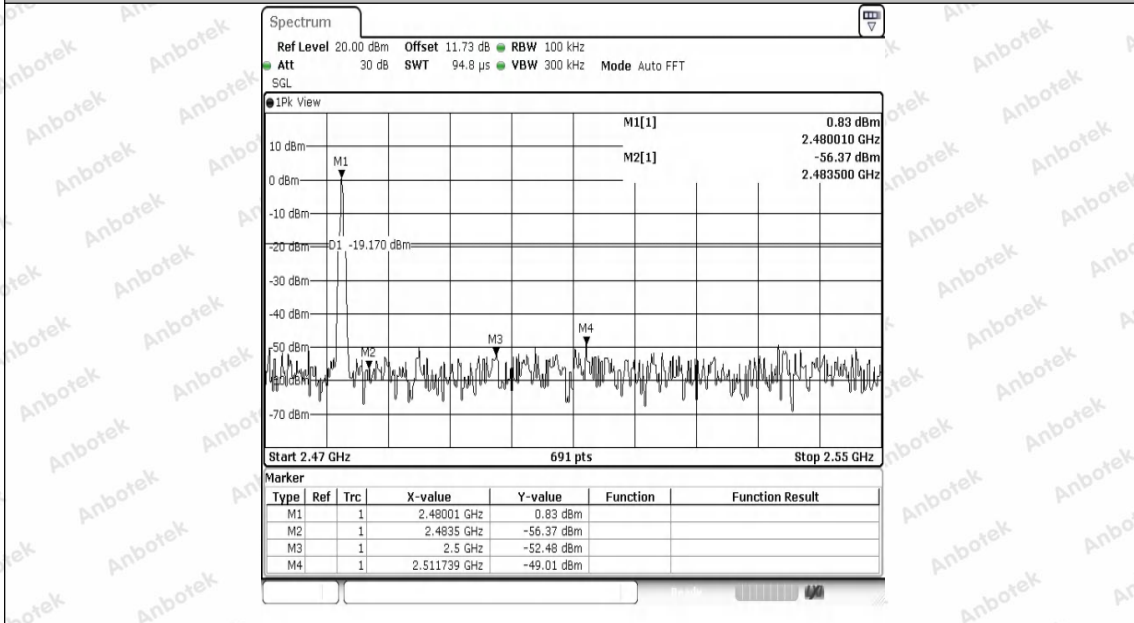
Hotline
400-003-0500
www.anbotek.com.cn



Test Graphs



DH5-Ant1-2402-PASS



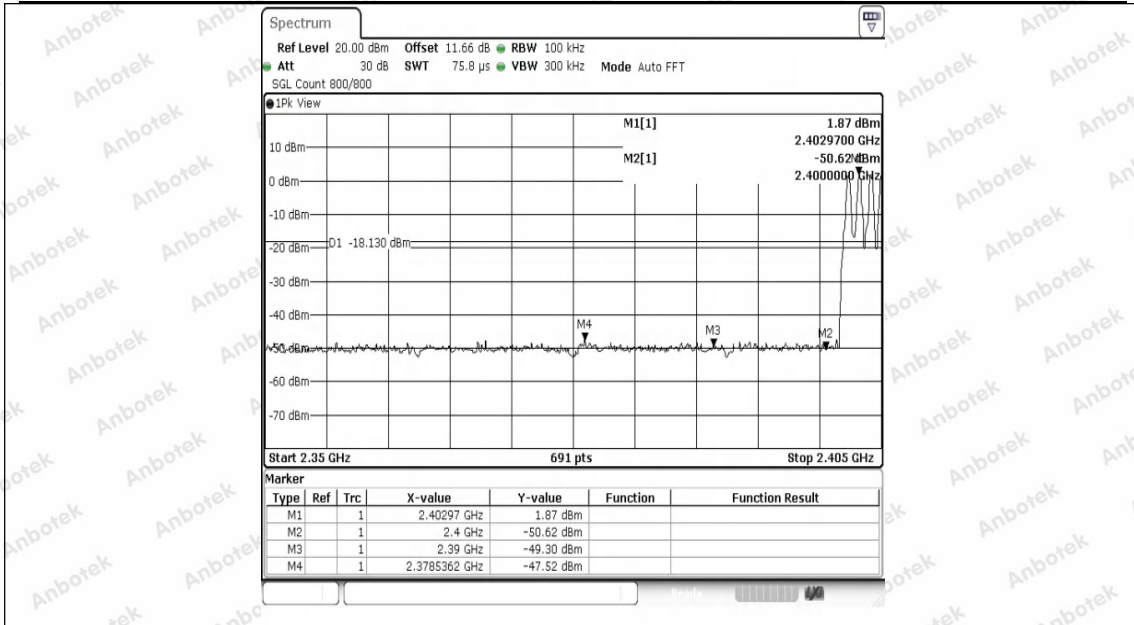
DH5-Ant1-2480-PASS

Shenzhen Anbotek Compliance Laboratory Limited

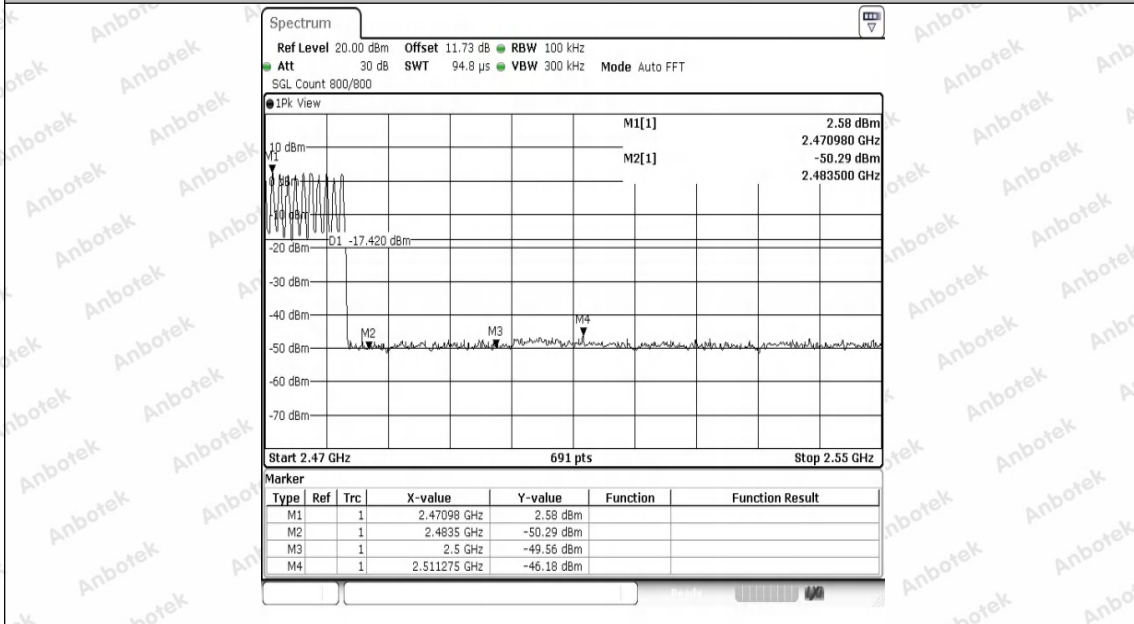
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

Hotline 400-003-0500
 www.anbotek.com.cn



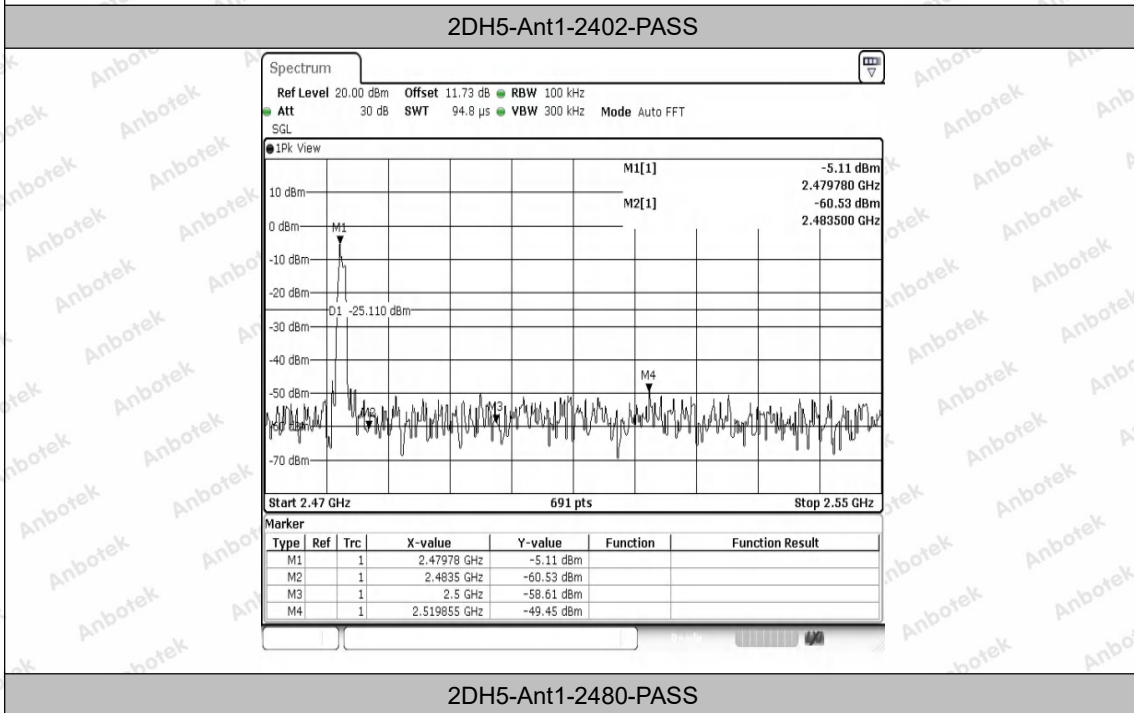
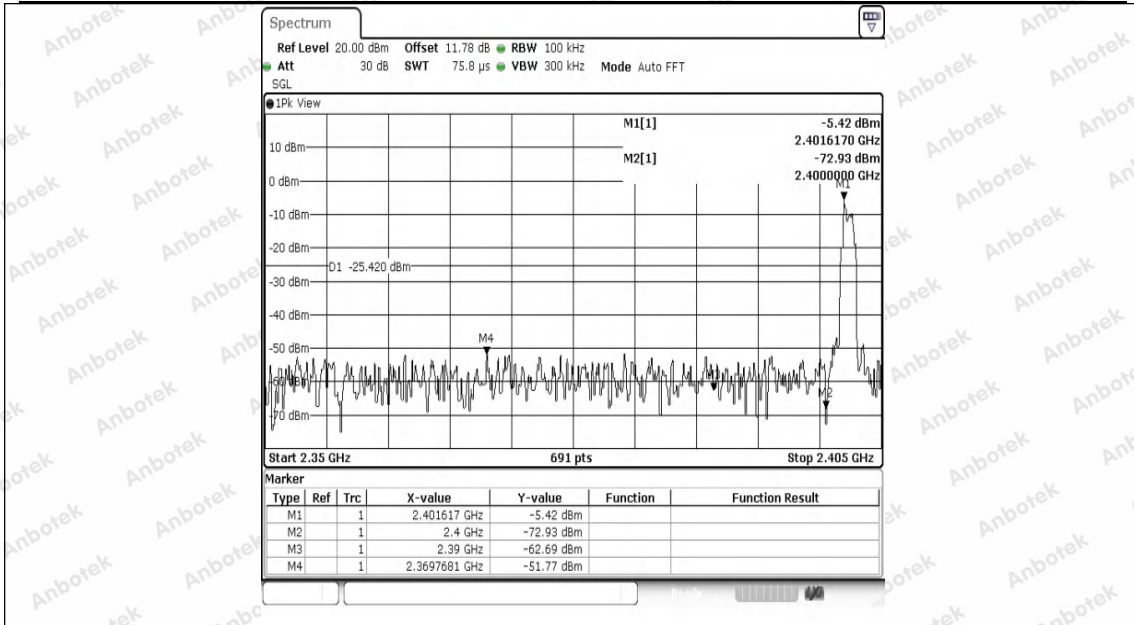


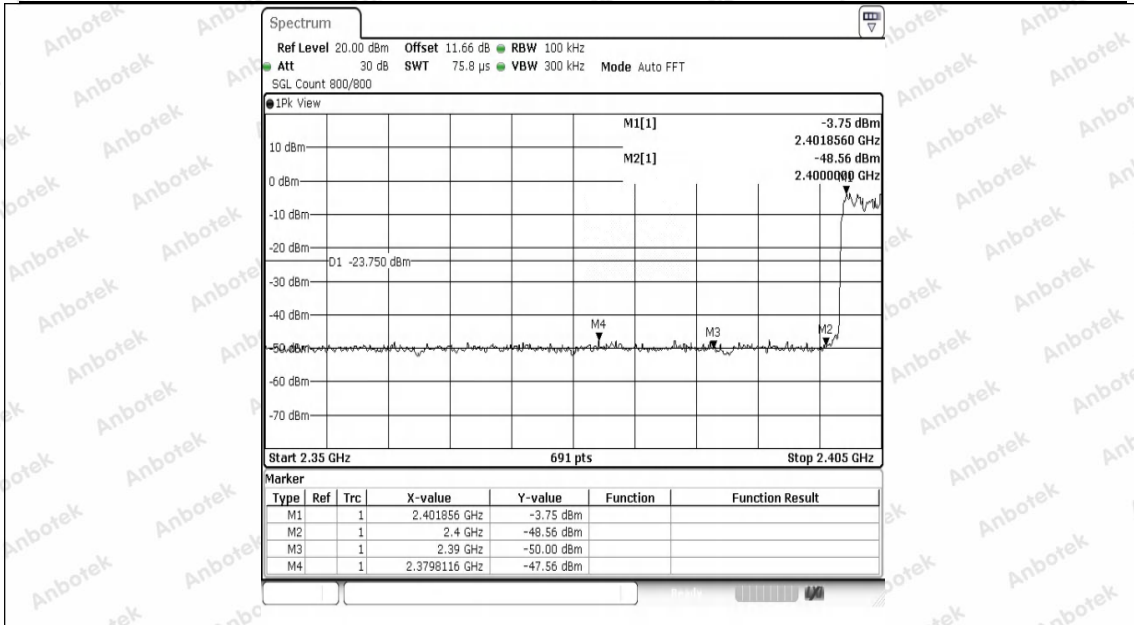
DH5-Ant1-Hop_2402-PASS



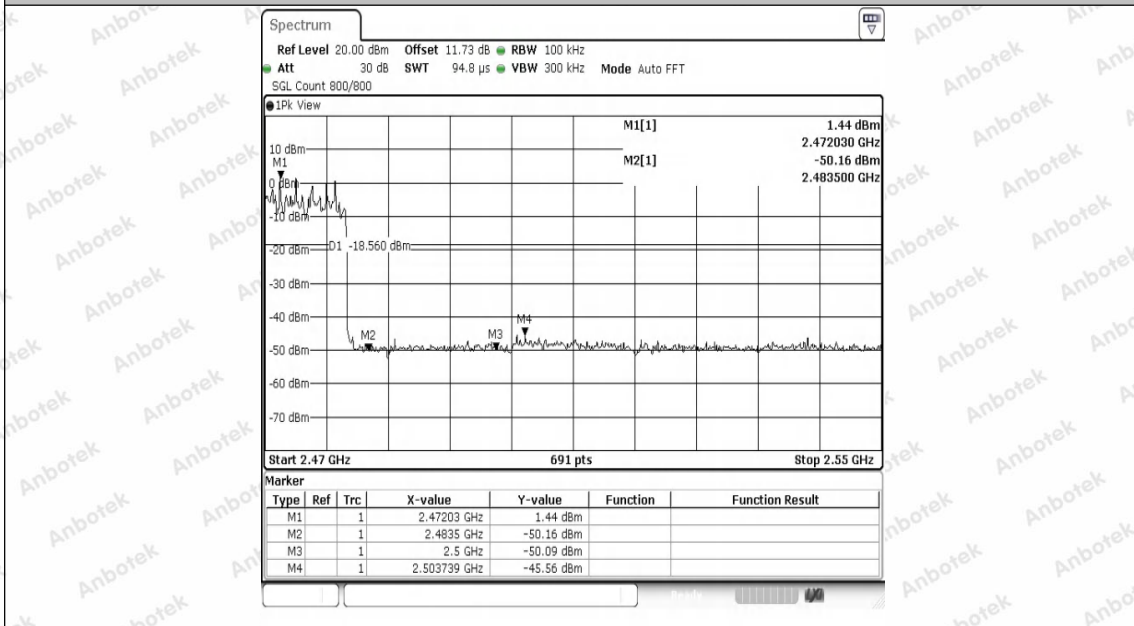
DH5-Ant1-Hop_2480-PASS





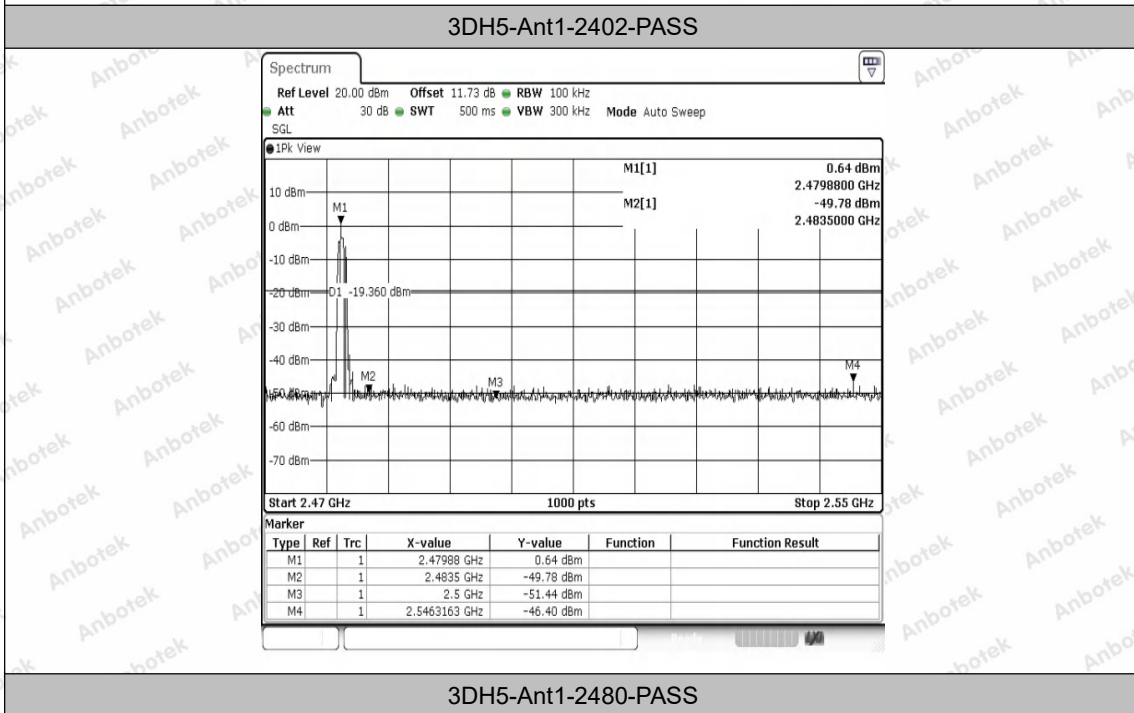
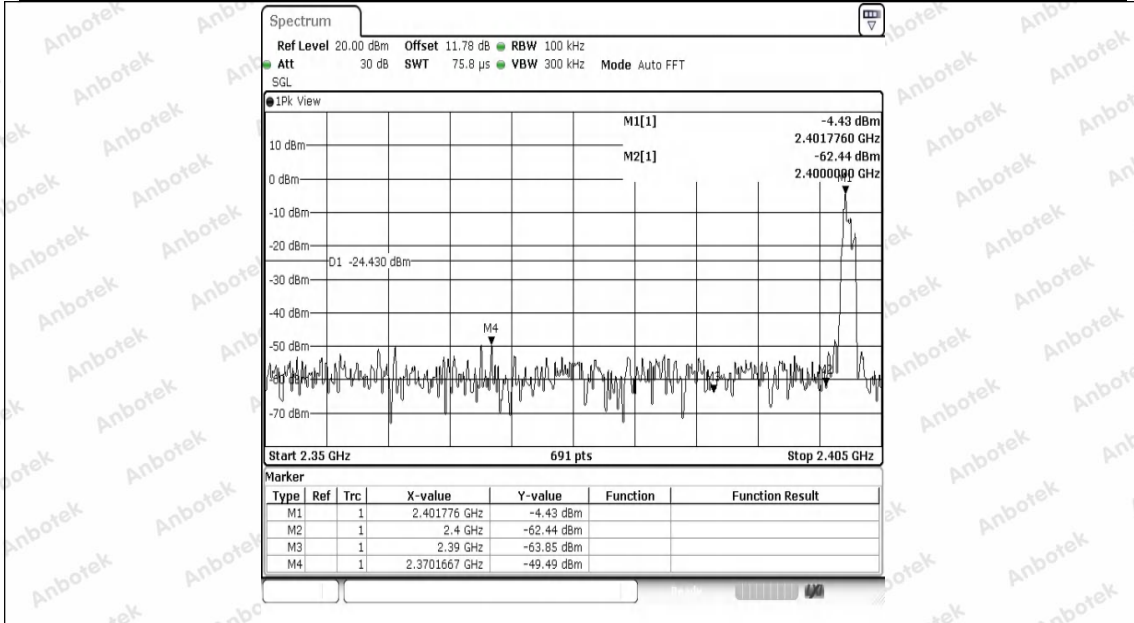


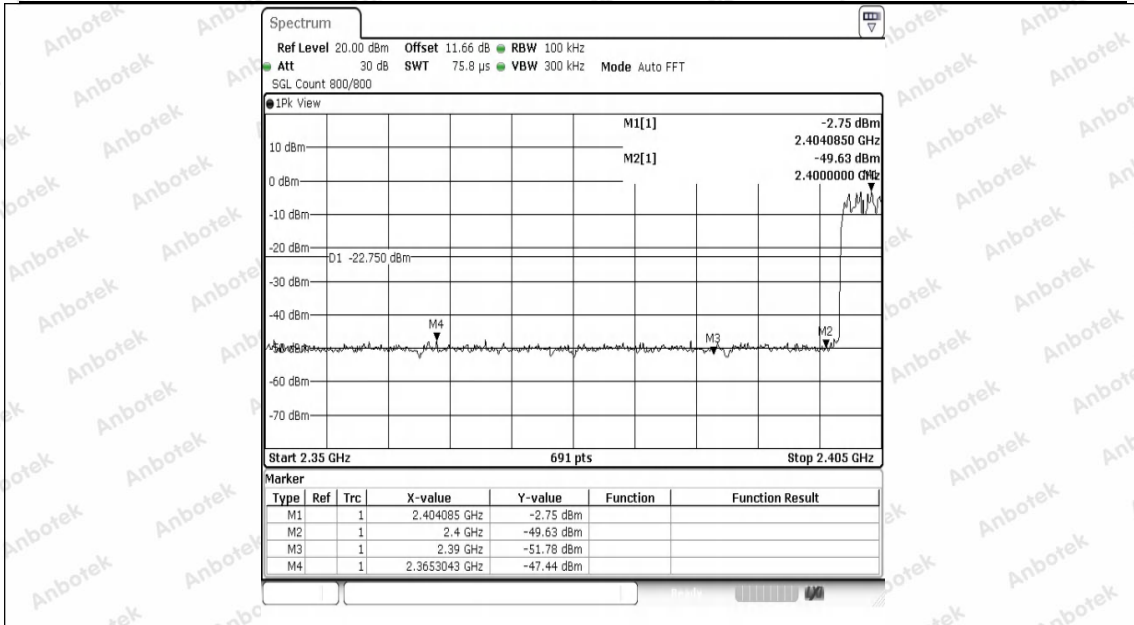
2DH5-Ant1-Hop_2402-PASS



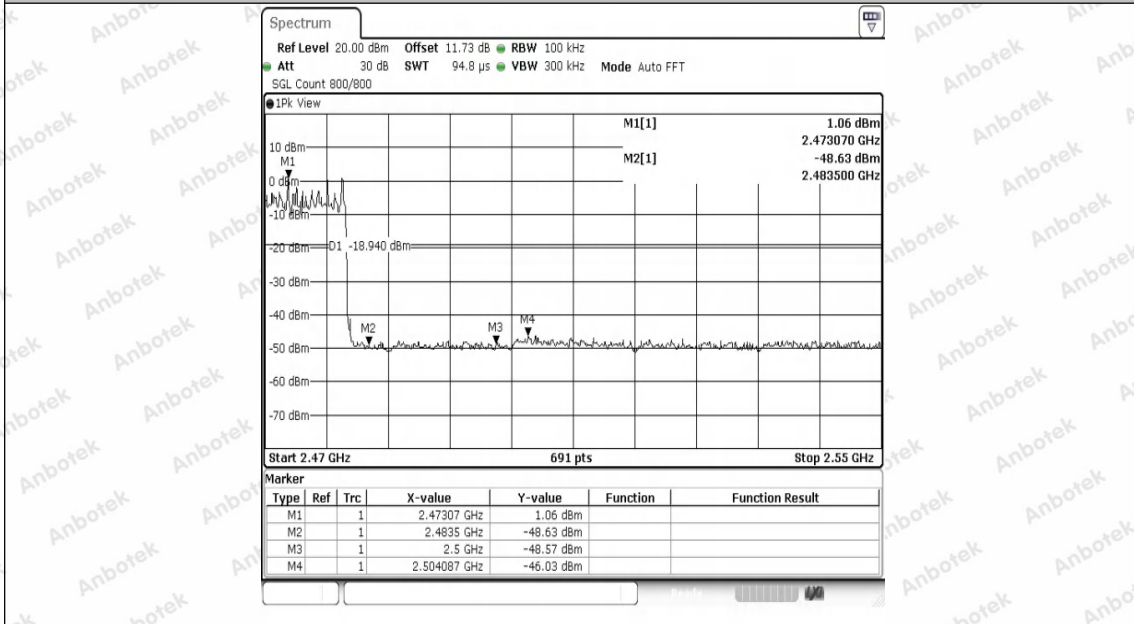
2DH5-Ant1-Hop_2480-PASS







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	1.82	1.82	---	PASS
DH5	Ant1	2402	30~1000	1.82	-58.23	≤-18.18	PASS
DH5	Ant1	2402	1000~26500	1.82	-51.22	≤-18.18	PASS
DH5	Ant1	2441	0~Reference	1.63	1.63	---	PASS
DH5	Ant1	2441	30~1000	1.63	-57.88	≤-18.37	PASS
DH5	Ant1	2441	1000~26500	1.63	-50.08	≤-18.37	PASS
DH5	Ant1	2480	0~Reference	1.98	1.98	---	PASS
DH5	Ant1	2480	30~1000	1.98	-57.94	≤-18.02	PASS
DH5	Ant1	2480	1000~26500	1.98	-49.04	≤-18.02	PASS
2DH5	Ant1	2402	0~Reference	-0.79	-0.79	---	PASS
2DH5	Ant1	2402	30~1000	-0.79	-58.12	≤-20.79	PASS
2DH5	Ant1	2402	1000~26500	-0.79	-50.35	≤-20.79	PASS
2DH5	Ant1	2441	0~Reference	-3.64	-3.64	---	PASS
2DH5	Ant1	2441	30~1000	-3.64	-58.79	≤-23.64	PASS
2DH5	Ant1	2441	1000~26500	-3.64	-50.6	≤-23.64	PASS
2DH5	Ant1	2480	0~Reference	-3.28	-3.28	---	PASS
2DH5	Ant1	2480	30~1000	-3.28	-58.2	≤-23.28	PASS
2DH5	Ant1	2480	1000~26500	-3.28	-50.51	≤-23.28	PASS
3DH5	Ant1	2402	0~Reference	-4.34	-4.34	---	PASS
3DH5	Ant1	2402	30~1000	-4.34	-56.91	≤-24.34	PASS
3DH5	Ant1	2402	1000~26500	-4.34	-50.89	≤-24.34	PASS
3DH5	Ant1	2441	0~Reference	-4.25	-4.25	---	PASS
3DH5	Ant1	2441	30~1000	-4.25	-58.41	≤-24.25	PASS
3DH5	Ant1	2441	1000~26500	-4.25	-49.69	≤-24.25	PASS
3DH5	Ant1	2480	0~Reference	-3.12	-3.12	---	PASS
3DH5	Ant1	2480	30~1000	-3.12	-57.19	≤-23.12	PASS
3DH5	Ant1	2480	1000~26500	-3.12	-50.39	≤-23.12	PASS

Shenzhen Anbotek Compliance Laboratory Limited

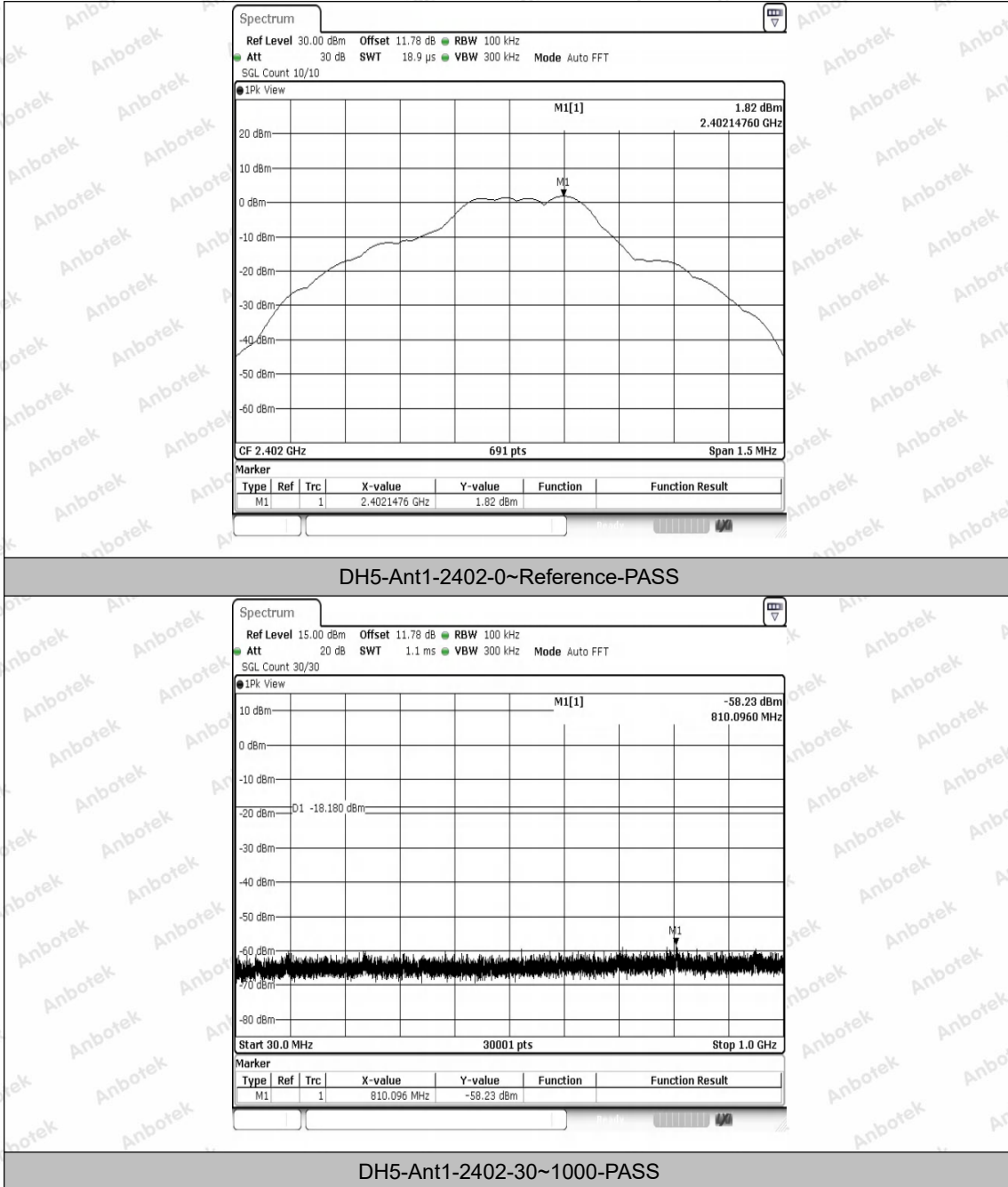
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

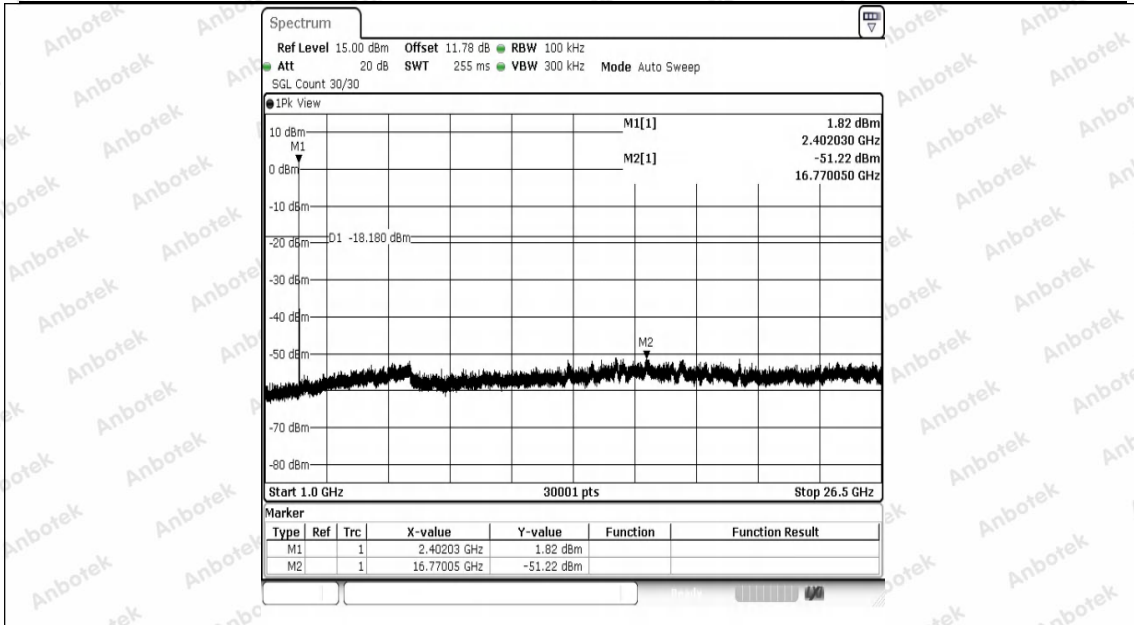


Hotline
400-003-0500
www.anbotek.com.cn

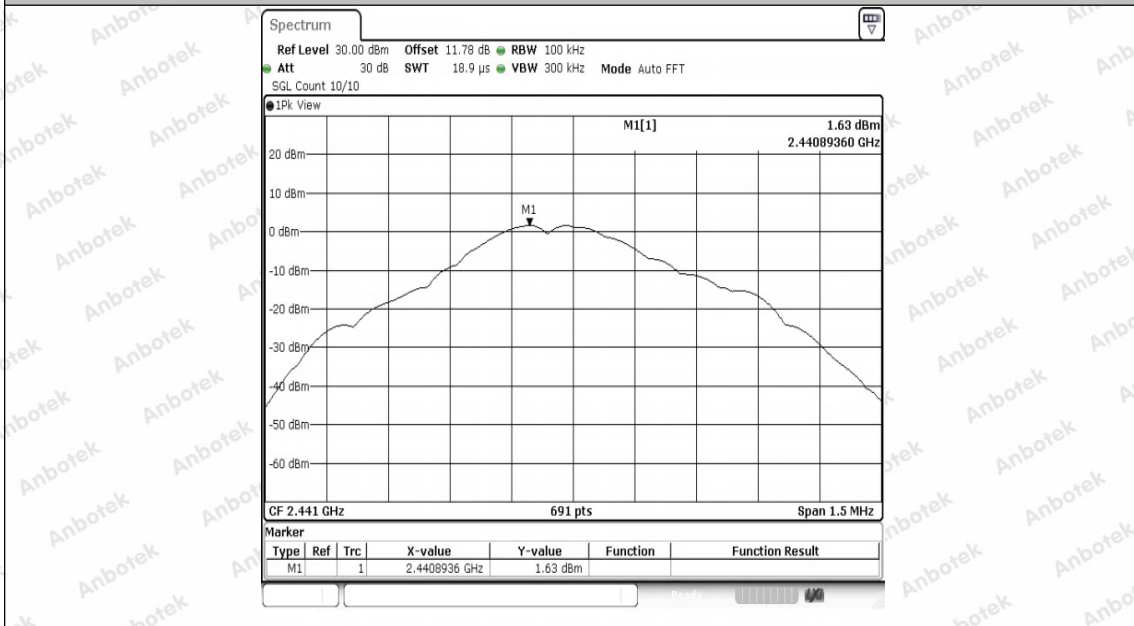


Test Graphs



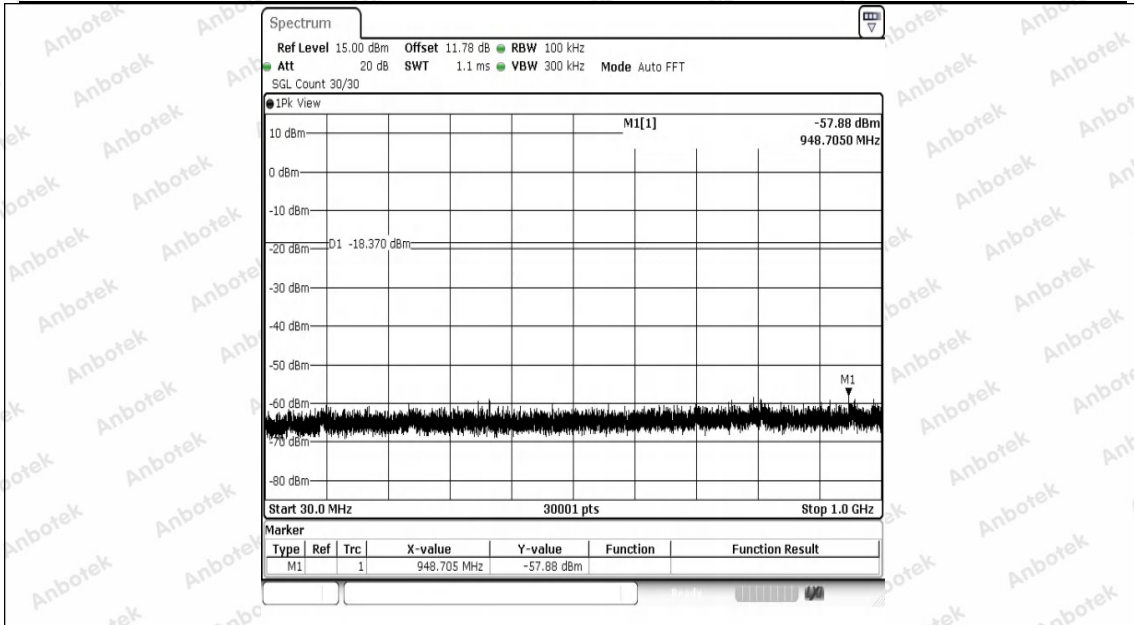


DH5-Ant1-2402-1000~26500-PASS

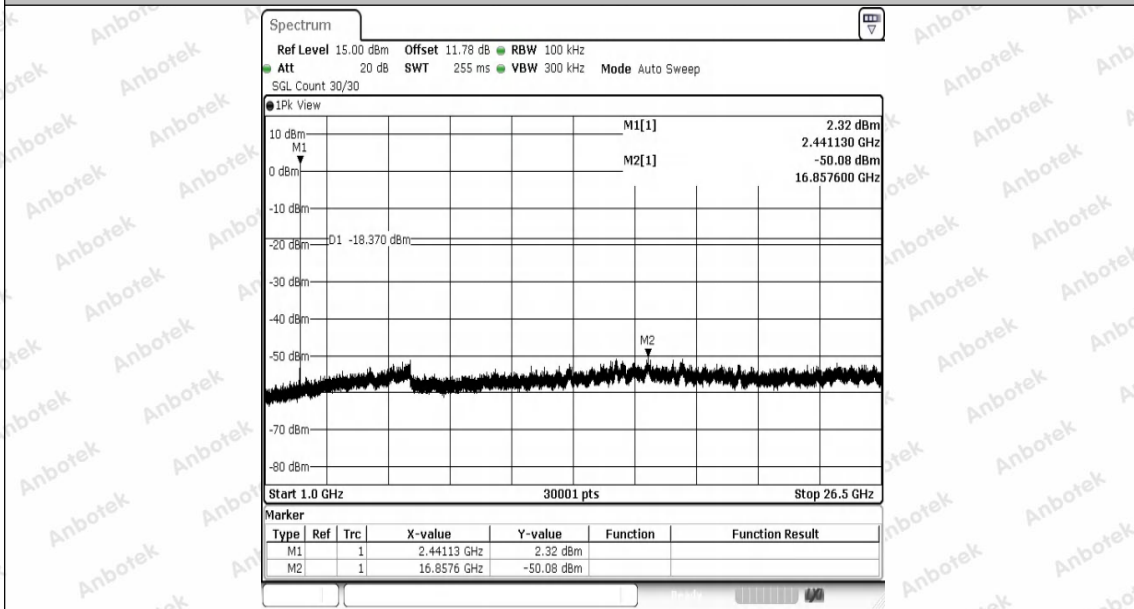


DH5-Ant1-2441-0~Reference-PASS



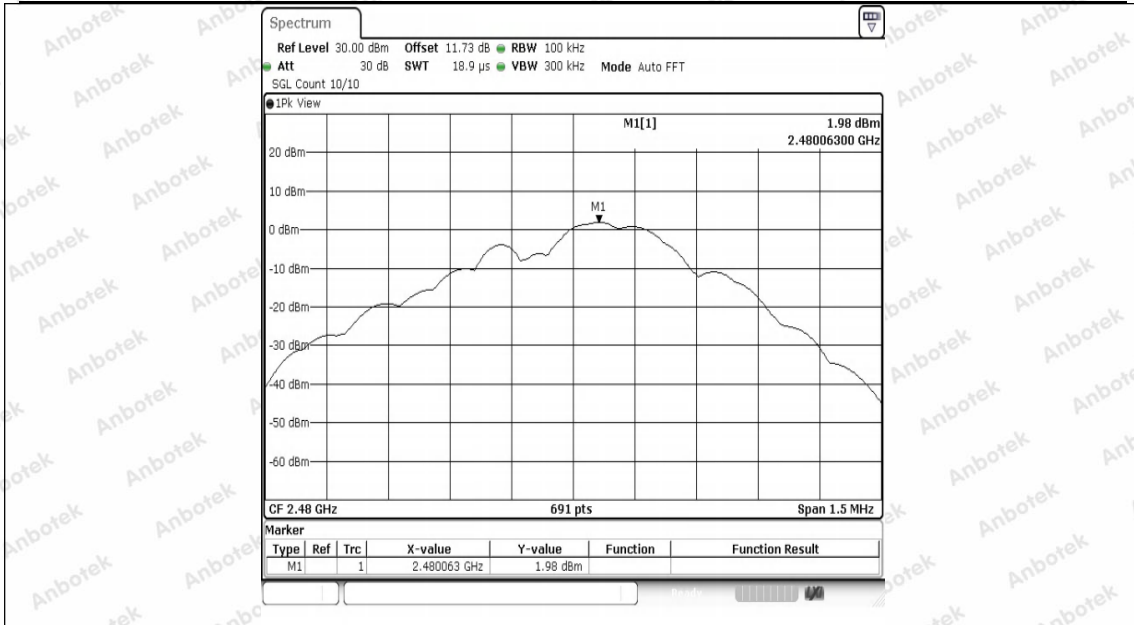


DH5-Ant1-2441-30~1000-PASS

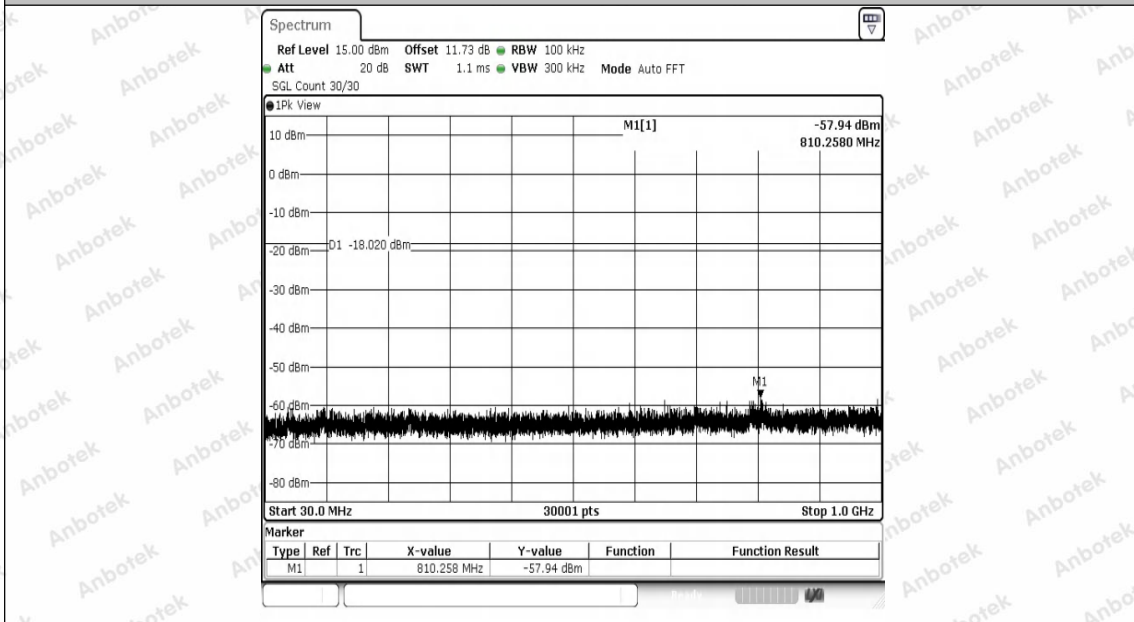


DH5-Ant1-2441-1000~26500-PASS



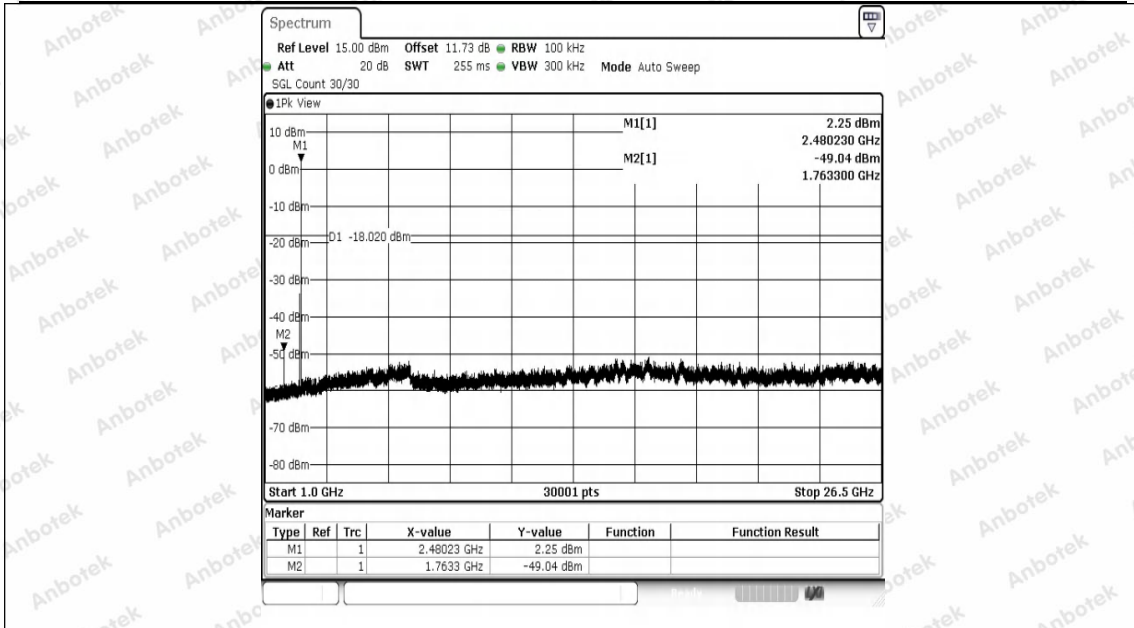


DH5-Ant1-2480-0~Reference-PASS

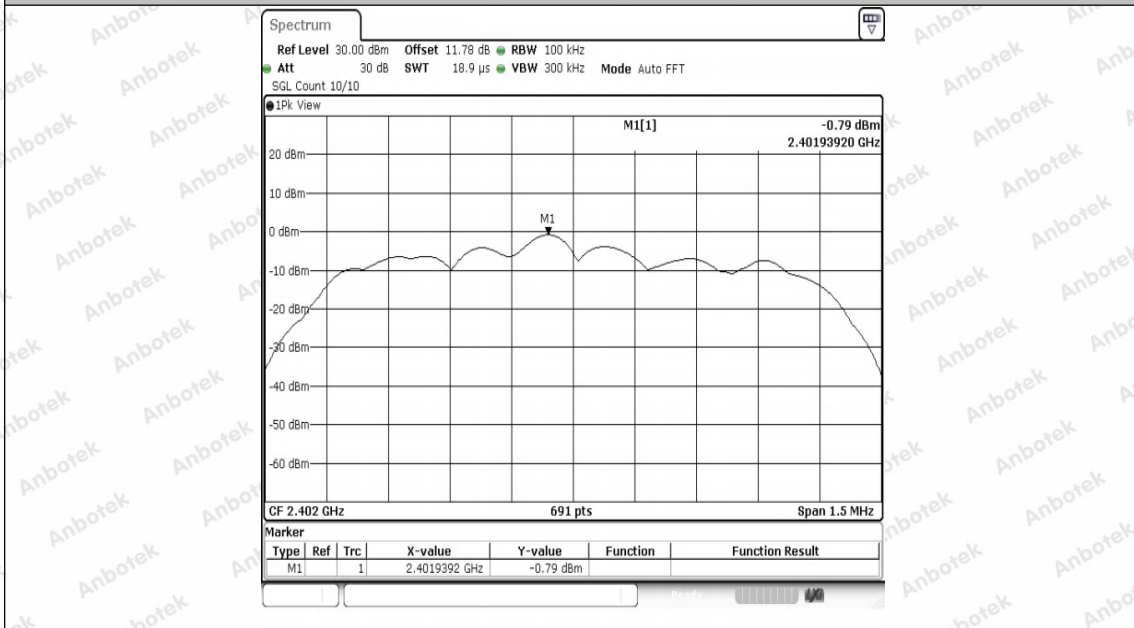


DH5-Ant1-2480-30~1000-PASS





DH5-Ant1-2480-1000~26500-PASS



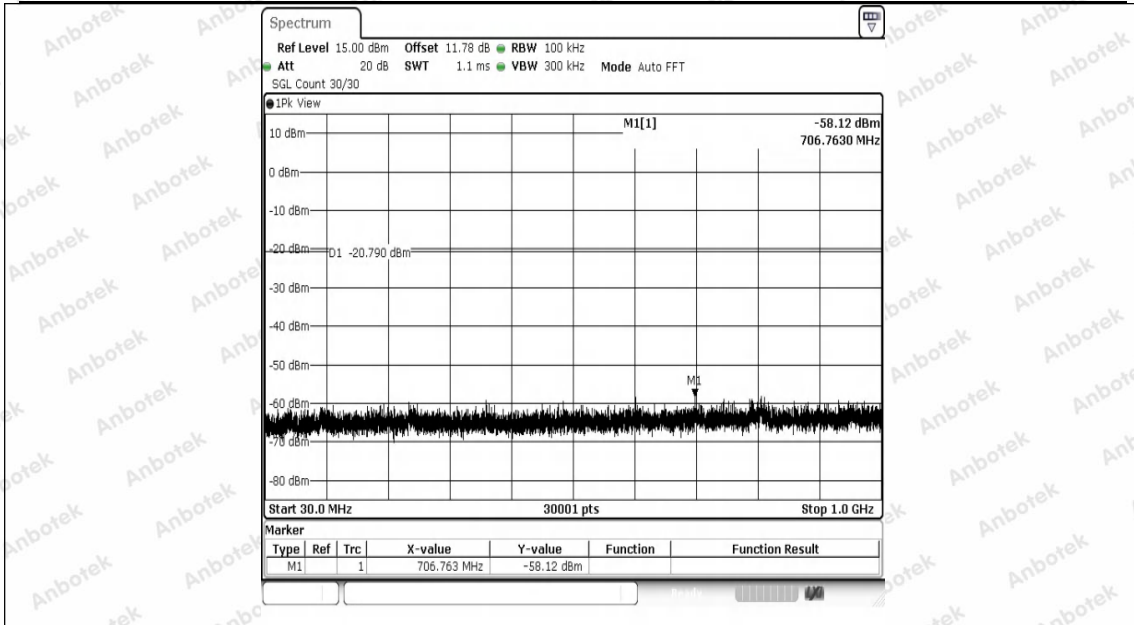
2DH5-Ant1-2402-0~Reference-PASS

Shenzhen Anbotek Compliance Laboratory Limited

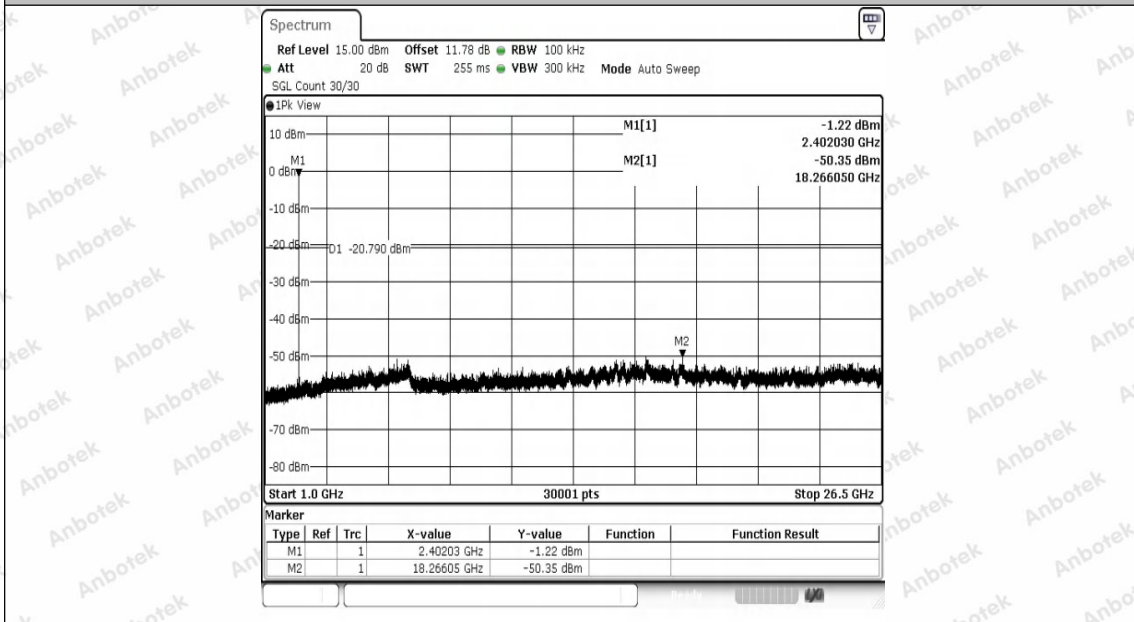
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

Hotline 400-003-0500
 www.anbotek.com.cn





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



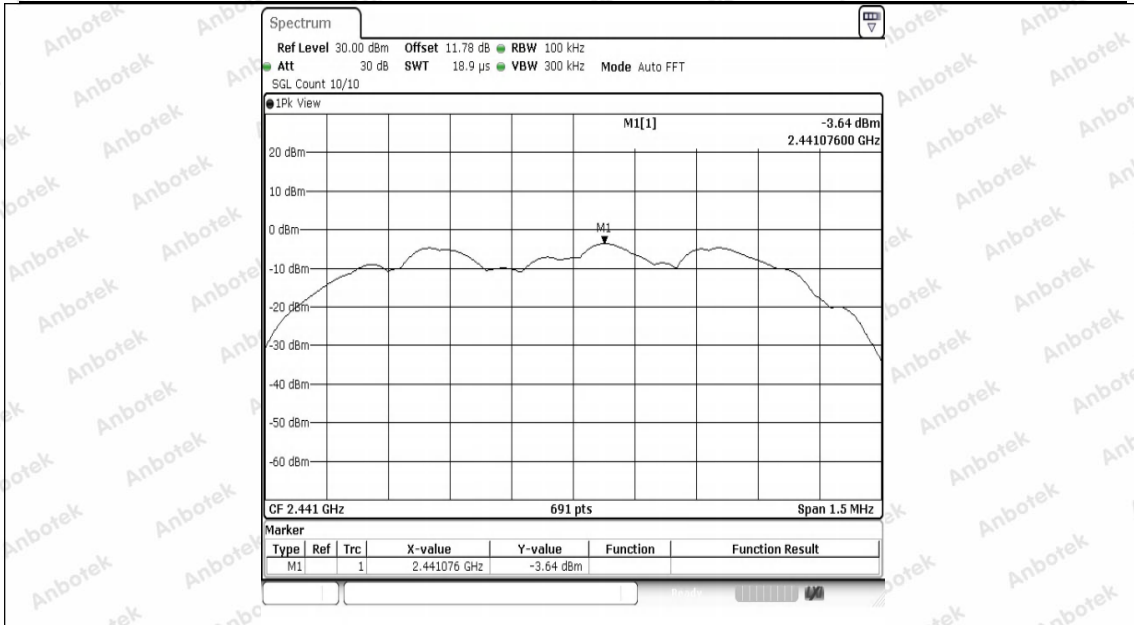
2DH5-Ant1-2402-1000~26500-PASS

Shenzhen Anbotek Compliance Laboratory Limited

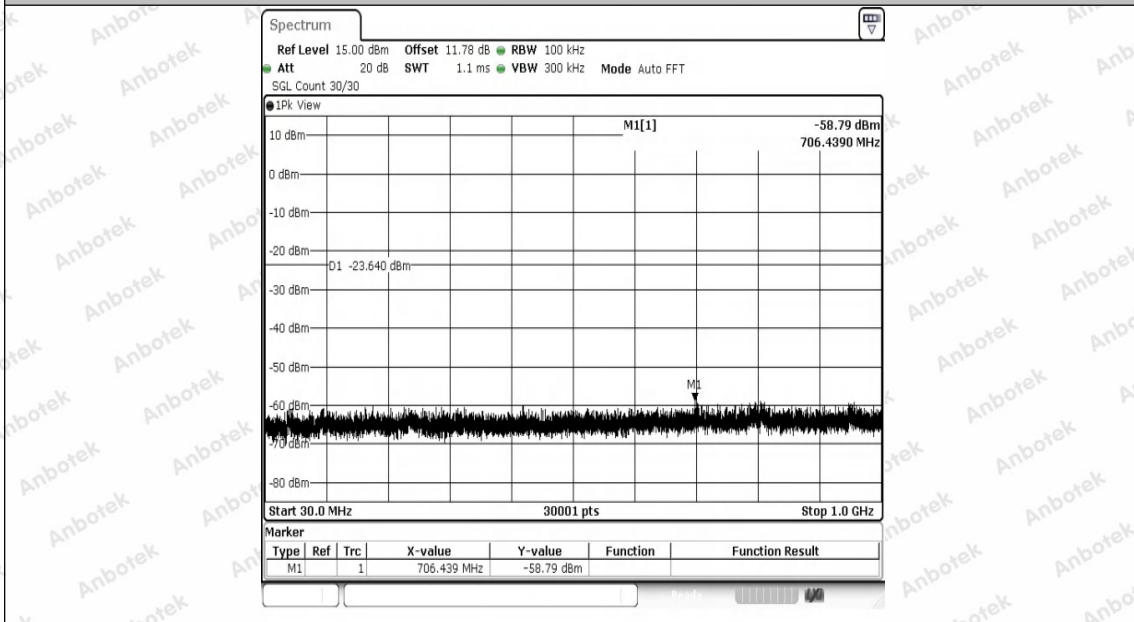
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

Hotline 400-003-0500
 www.anbotek.com.cn



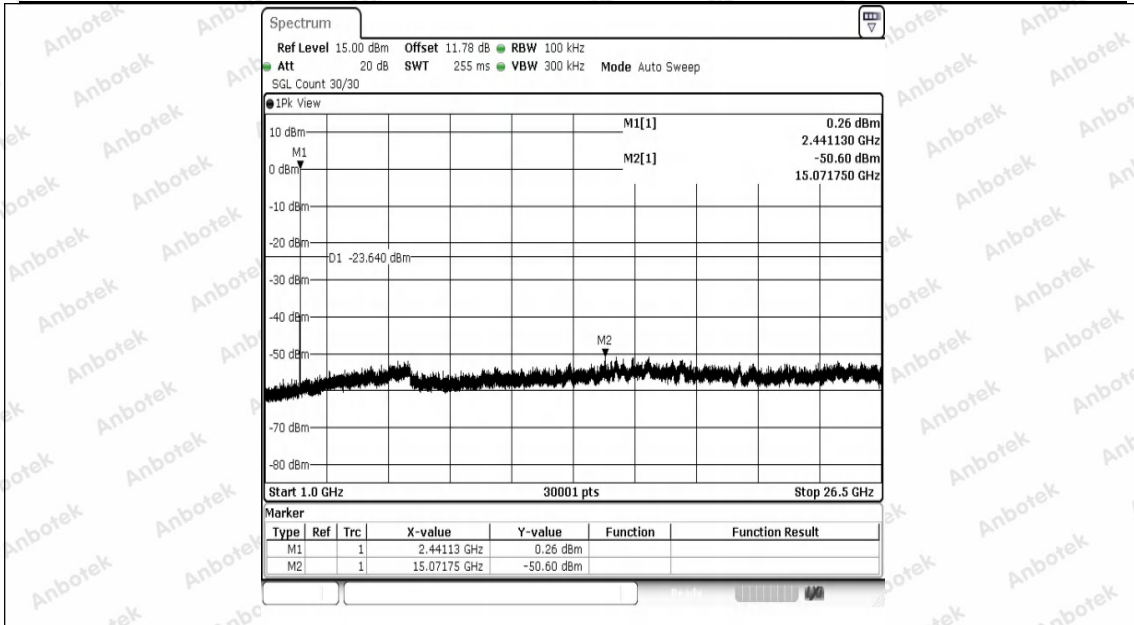


2DH5-Ant1-2441-0~Reference-PASS

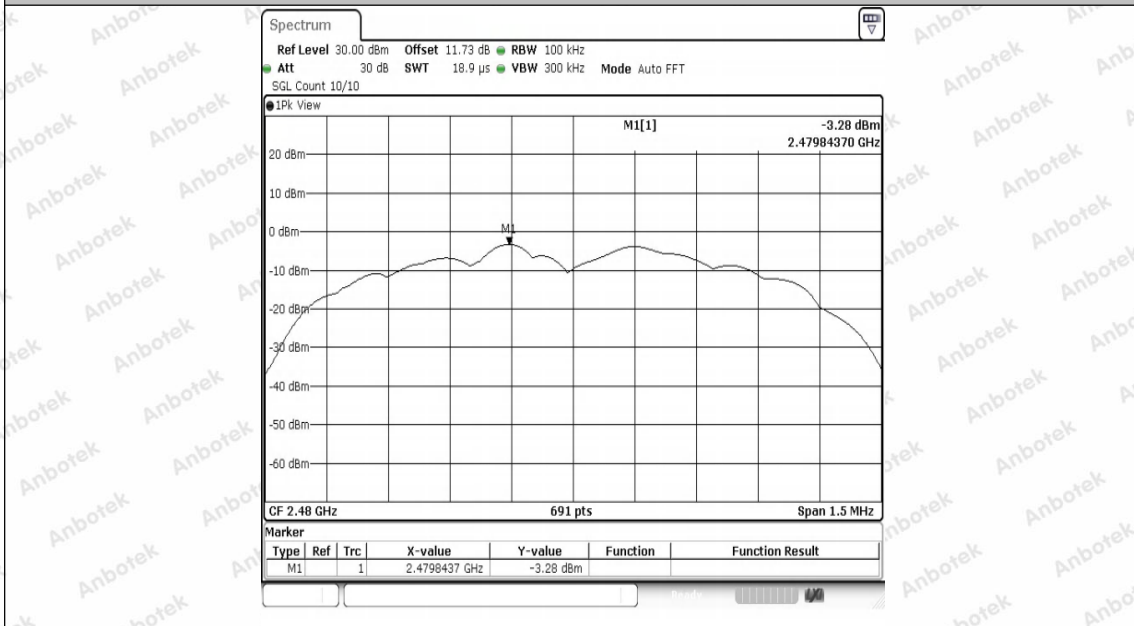


2DH5-Ant1-2441-30~1000-PASS





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



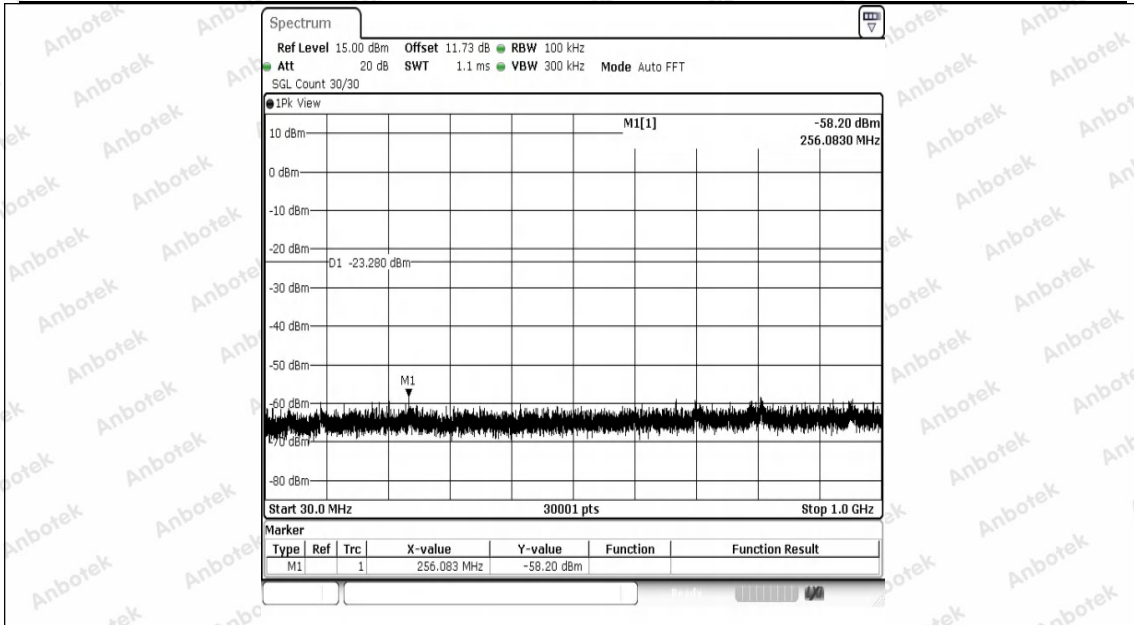
2DH5-Ant1-2480-0~Reference-PASS

Shenzhen Anbotek Compliance Laboratory Limited

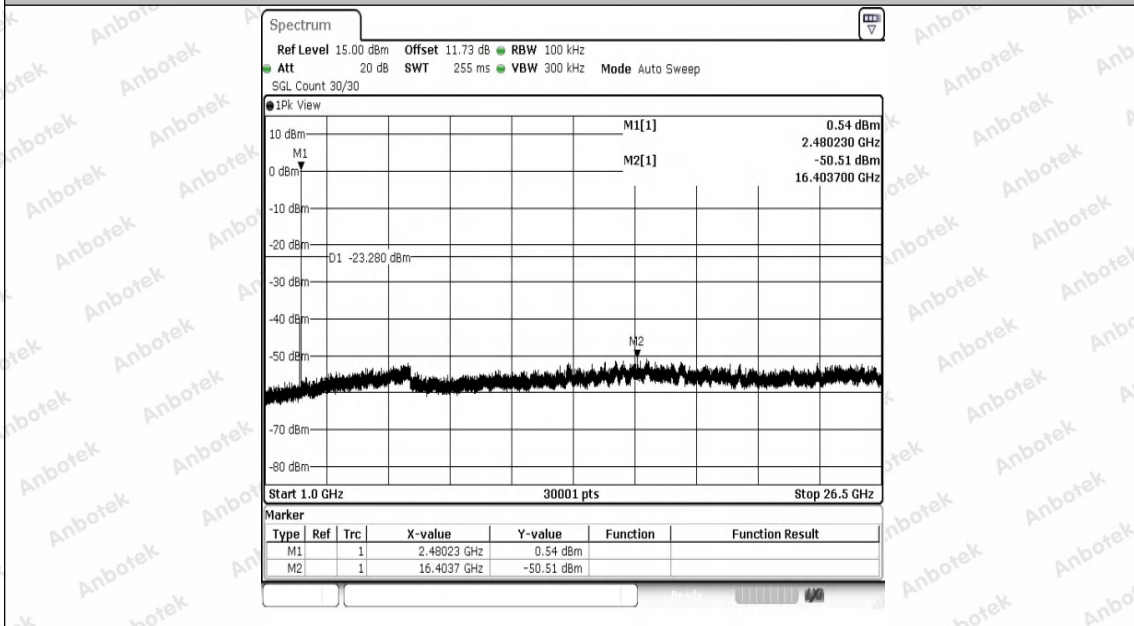
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

Hotline 400-003-0500
 www.anbotek.com.cn





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



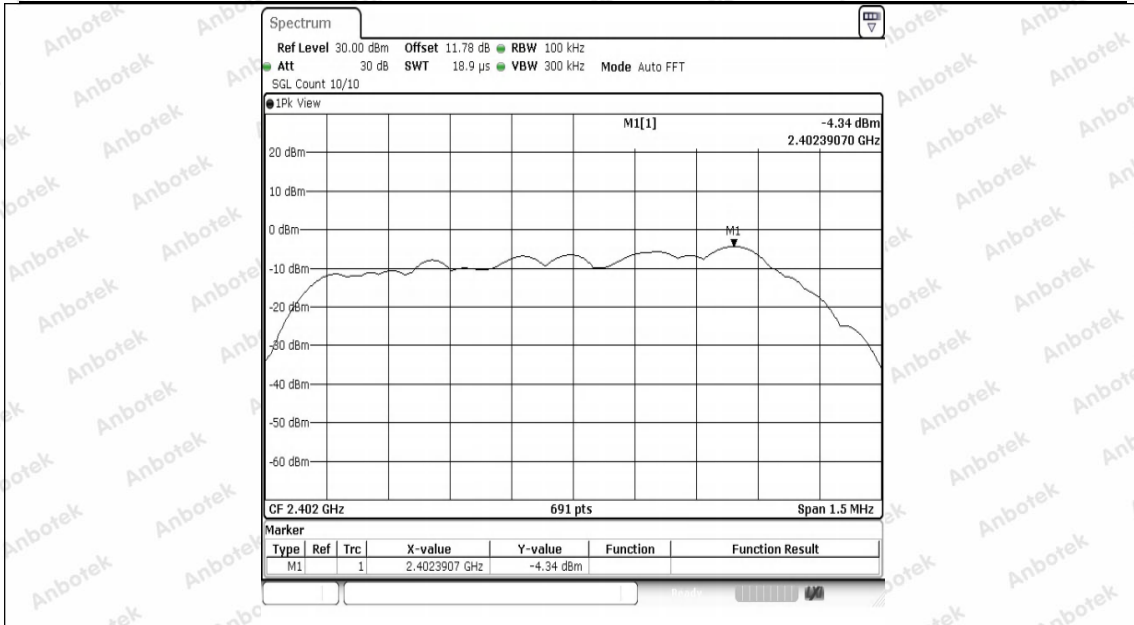
2DH5-Ant1-2480-1000~26500-PASS

Shenzhen Anbotek Compliance Laboratory Limited

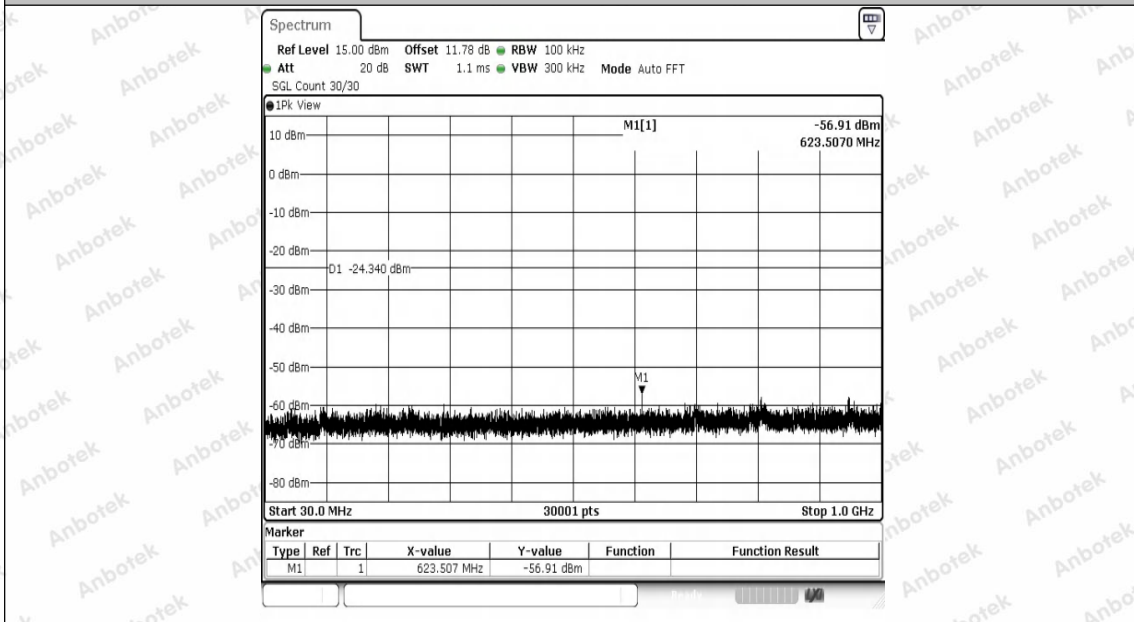
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

Hotline 400-003-0500
 www.anbotek.com.cn



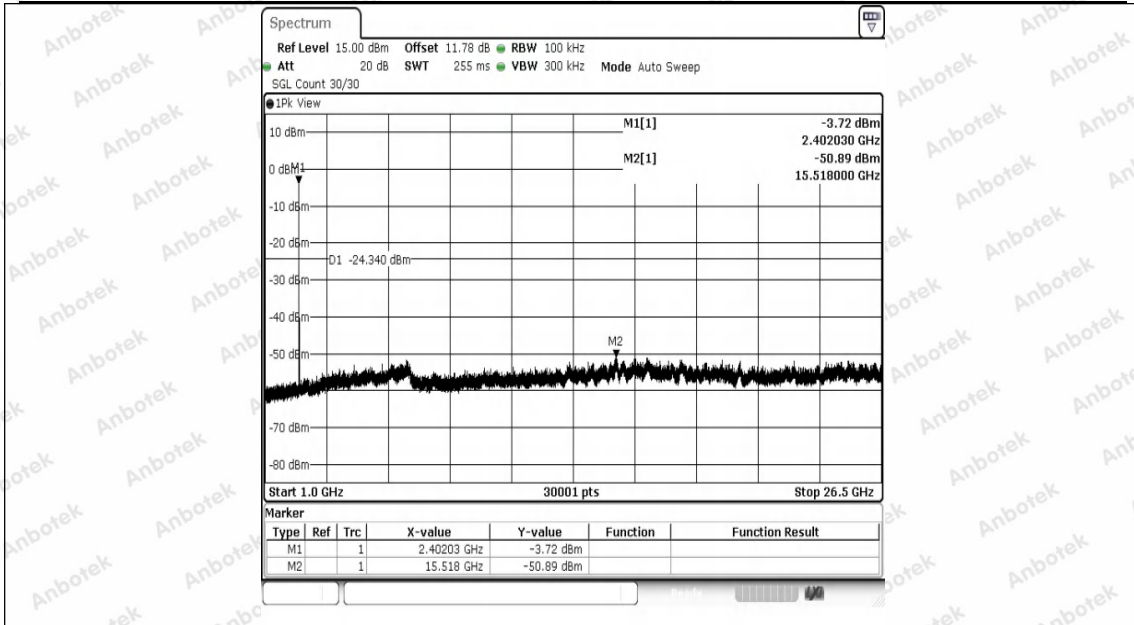


3DH5-Ant1-2402-0~Reference-PASS

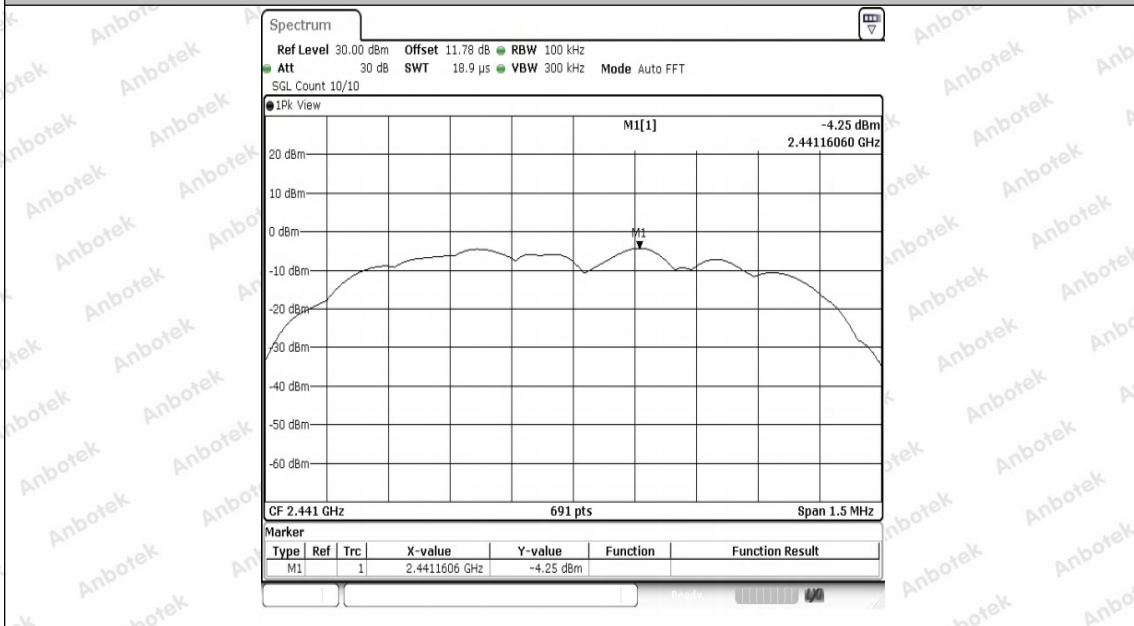


3DH5-Ant1-2402-30~1000-PASS



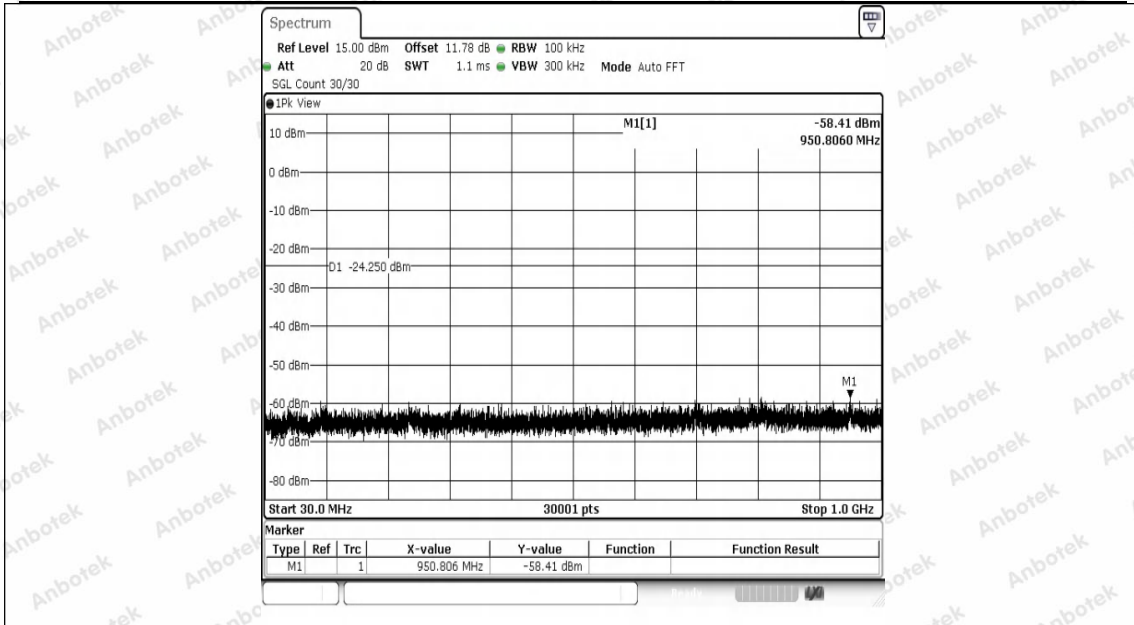


3DH5-Ant1-2402-1000~26500-PASS

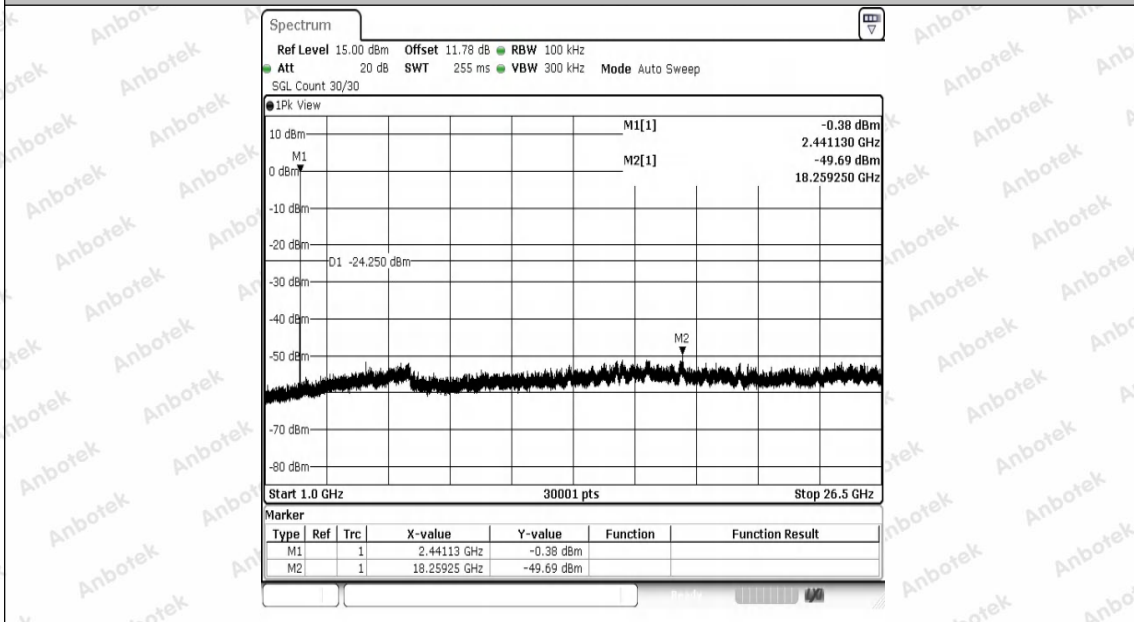


3DH5-Ant1-2441-0~Reference-PASS



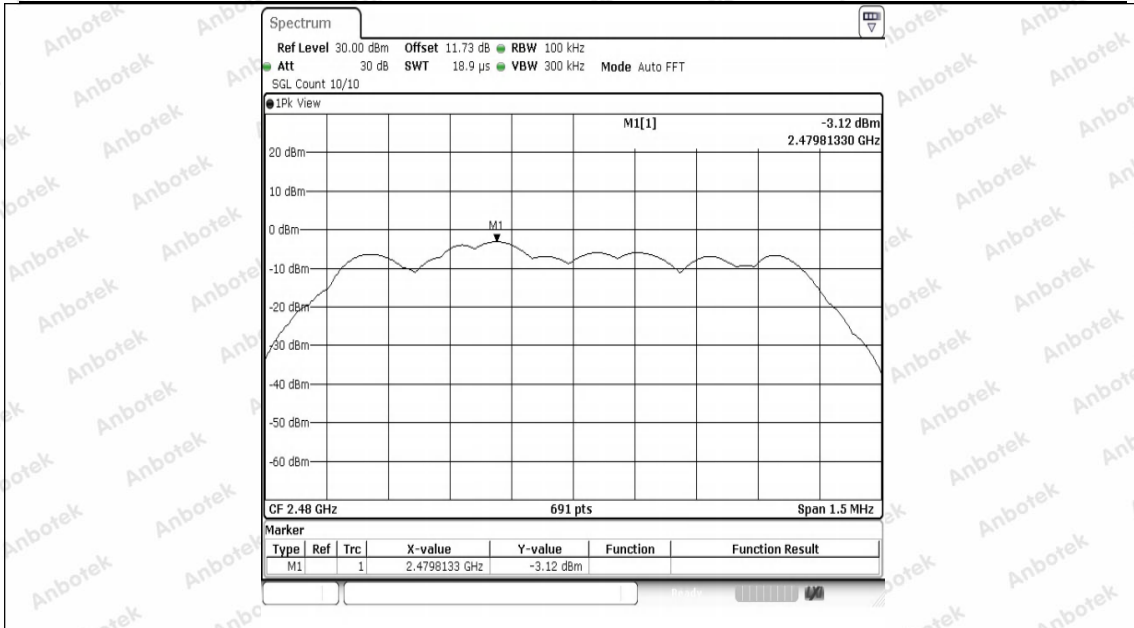


3DH5-Ant1-2441-30~1000-PASS

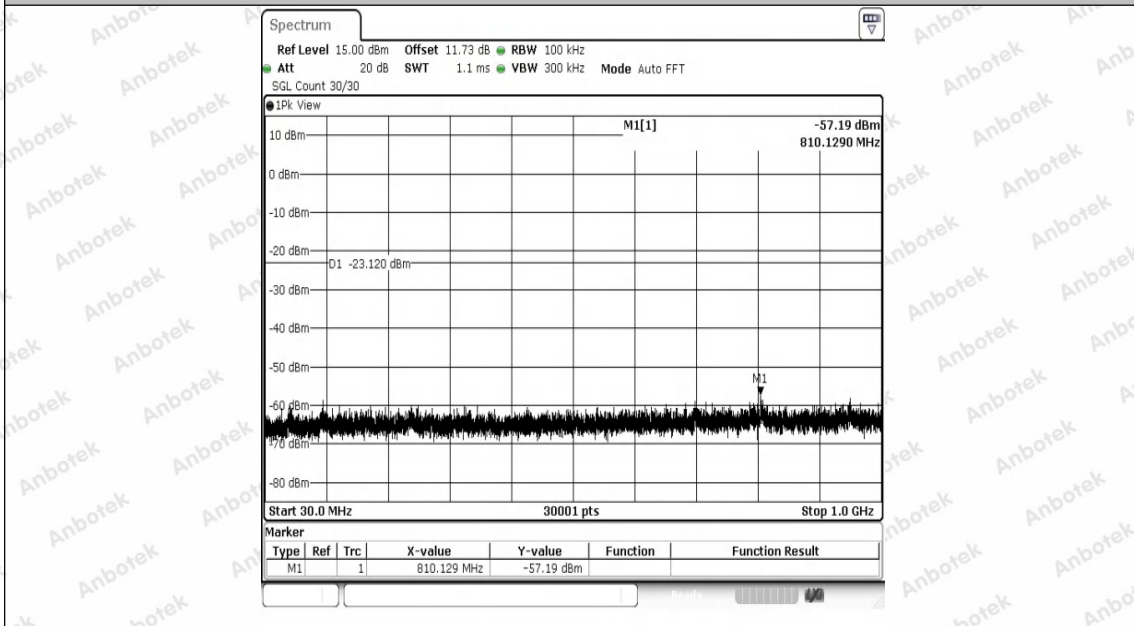


3DH5-Ant1-2441-1000~26500-PASS



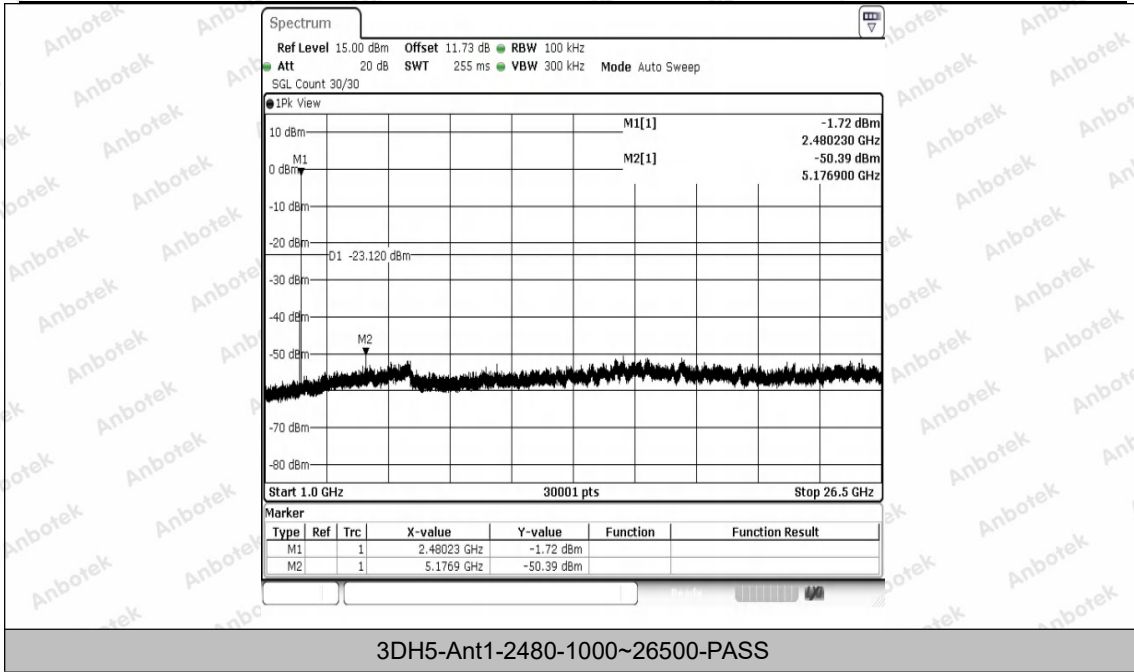


3DH5-Ant1-2480-0~Reference-PASS



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





Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

Hotline
 400-003-0500
 www.anbotek.com.cn



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	2.89	3.76	76.86	1.14
DH5	Ant1	2441	2.89	3.76	76.86	1.14
DH5	Ant1	2480	2.89	3.75	77.07	1.13
2DH5	Ant1	2402	2.89	3.75	77.07	1.13
2DH5	Ant1	2441	2.89	3.76	76.86	1.14
2DH5	Ant1	2480	2.88	3.75	76.80	1.15
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	2.92	3.76	77.66	1.10

Shenzhen Anbotek Compliance Laboratory Limited

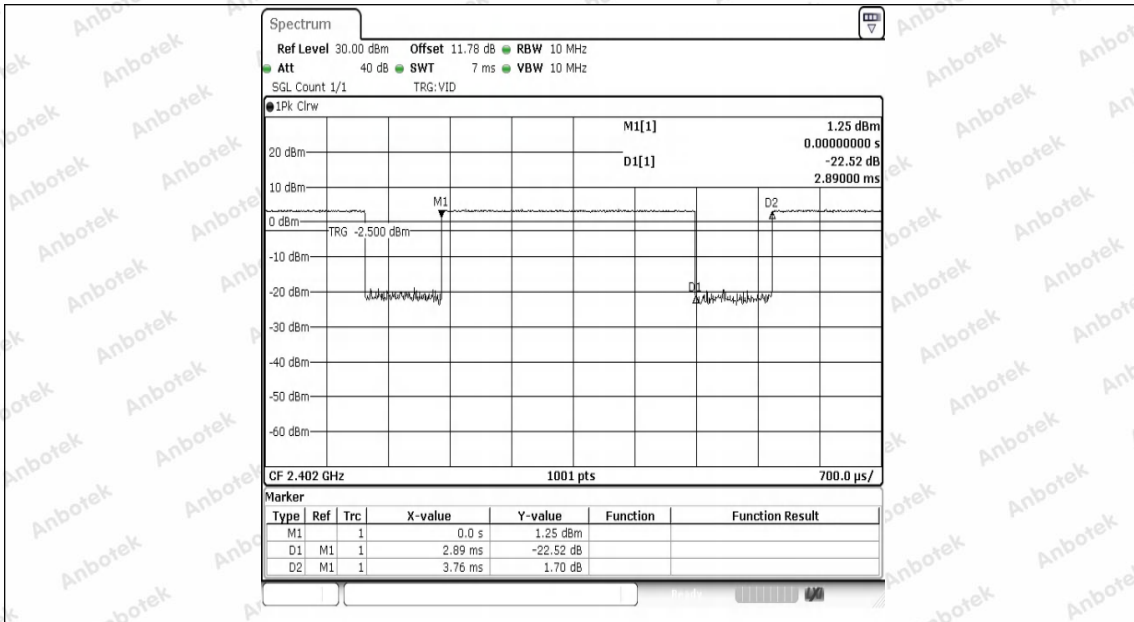
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community,
Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



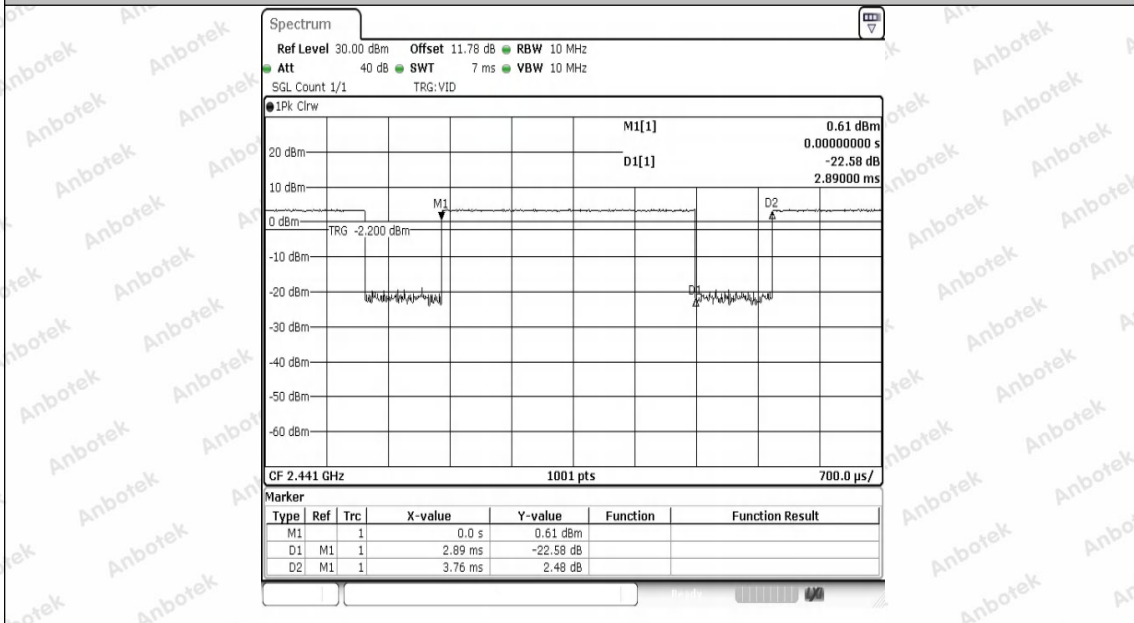
Hotline
400-003-0500
www.anbotek.com.cn



Test Graphs

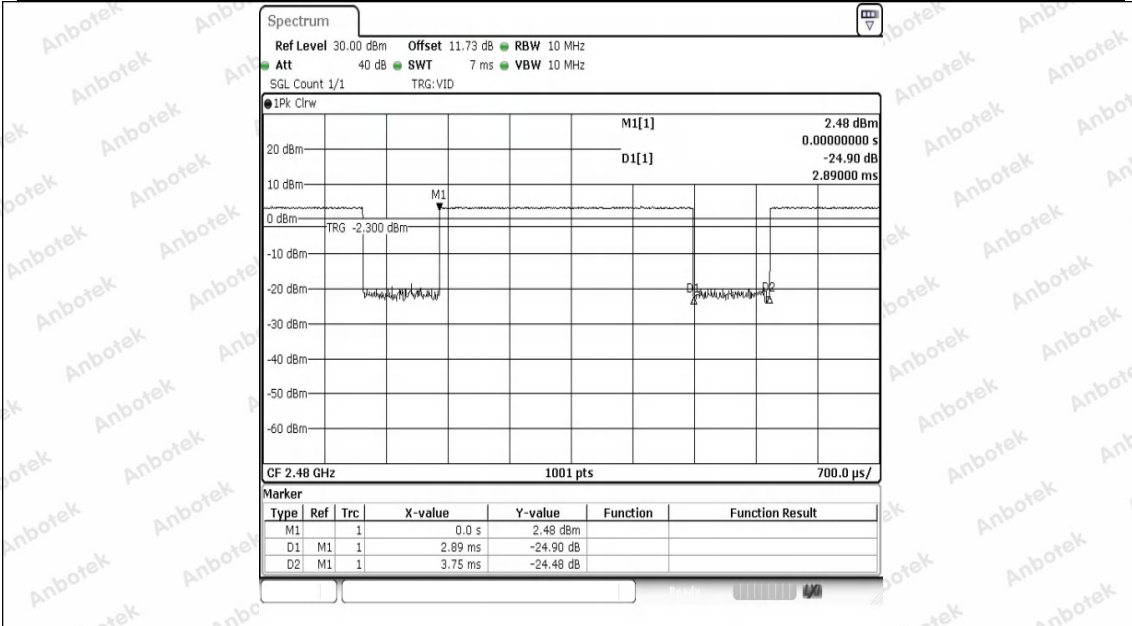


NTNV-DH5-Ant1-2402

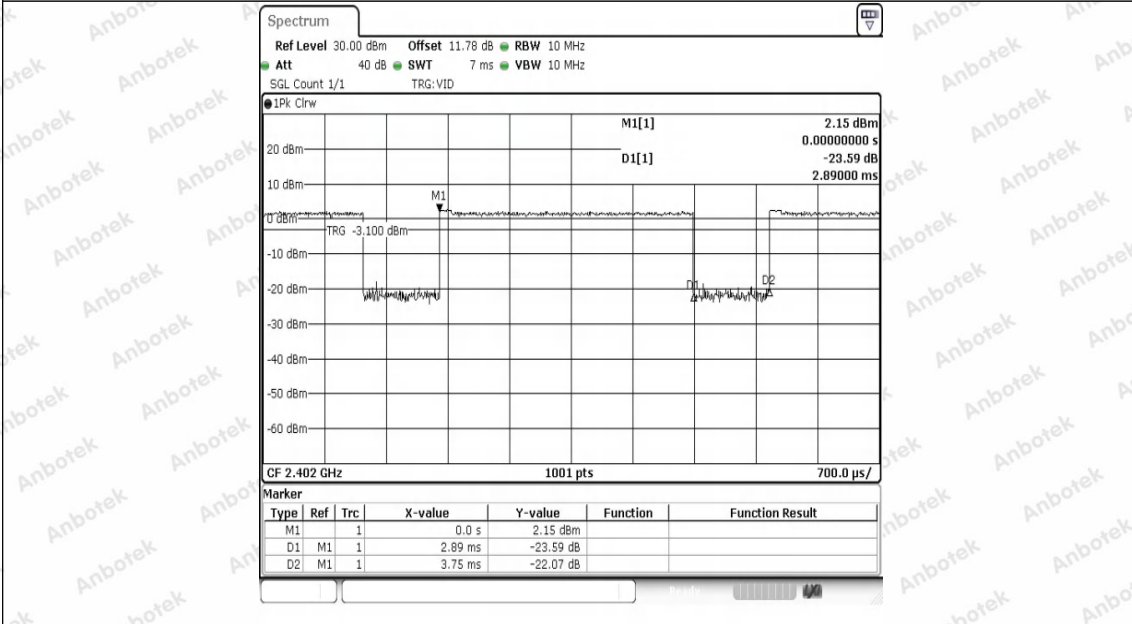


NTNV-DH5-Ant1-2441



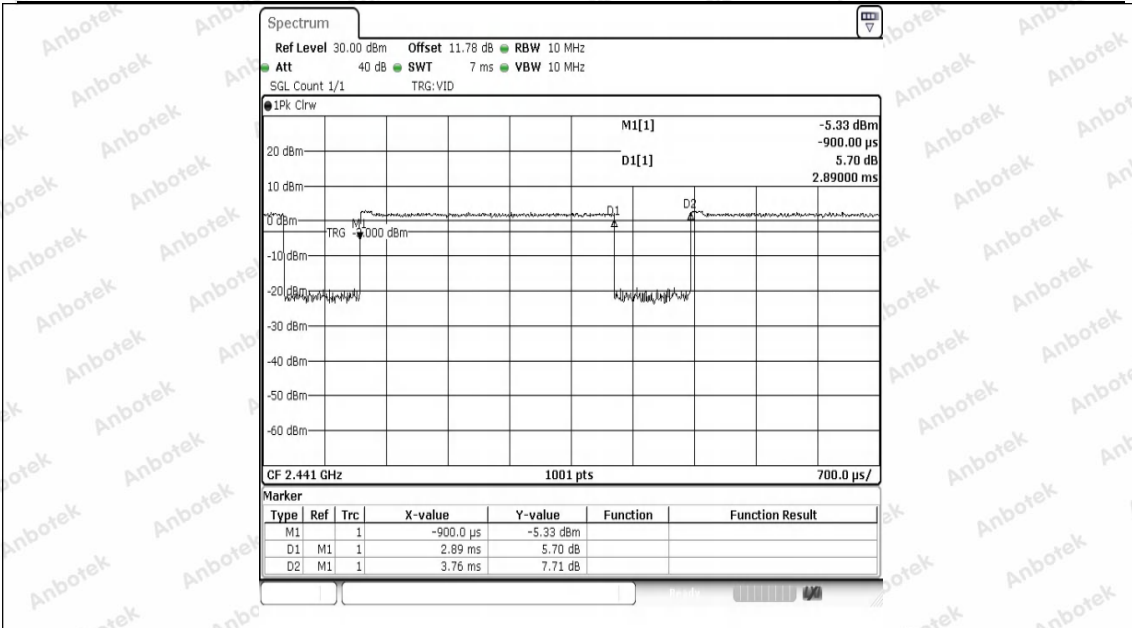


NTNV-DH5-Ant1-2480

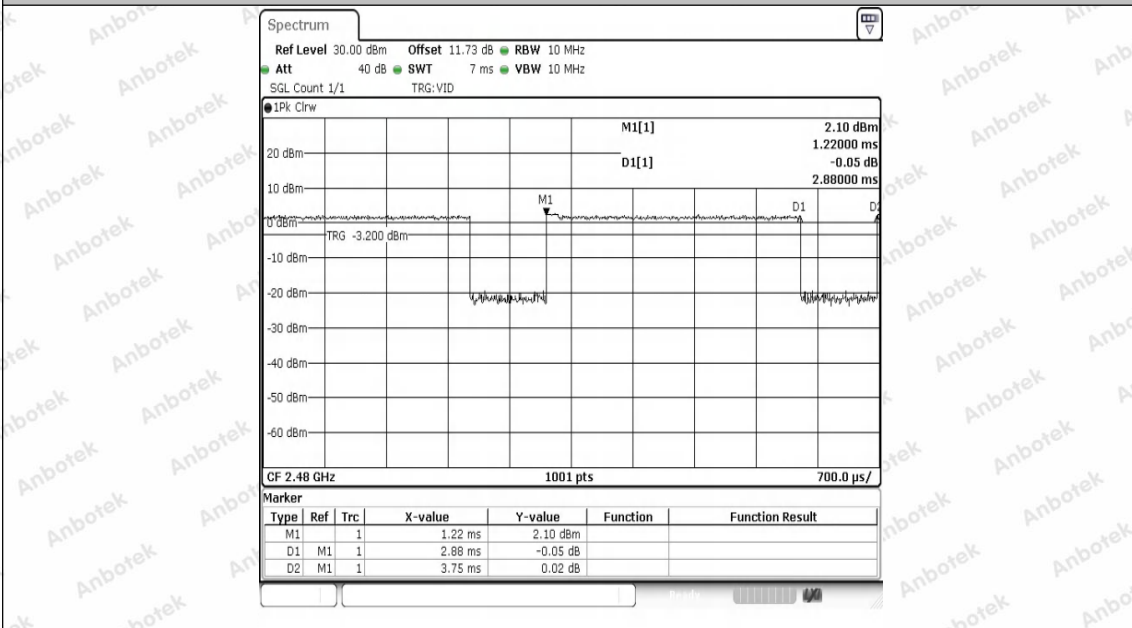


NTNV-2DH5-Ant1-2402



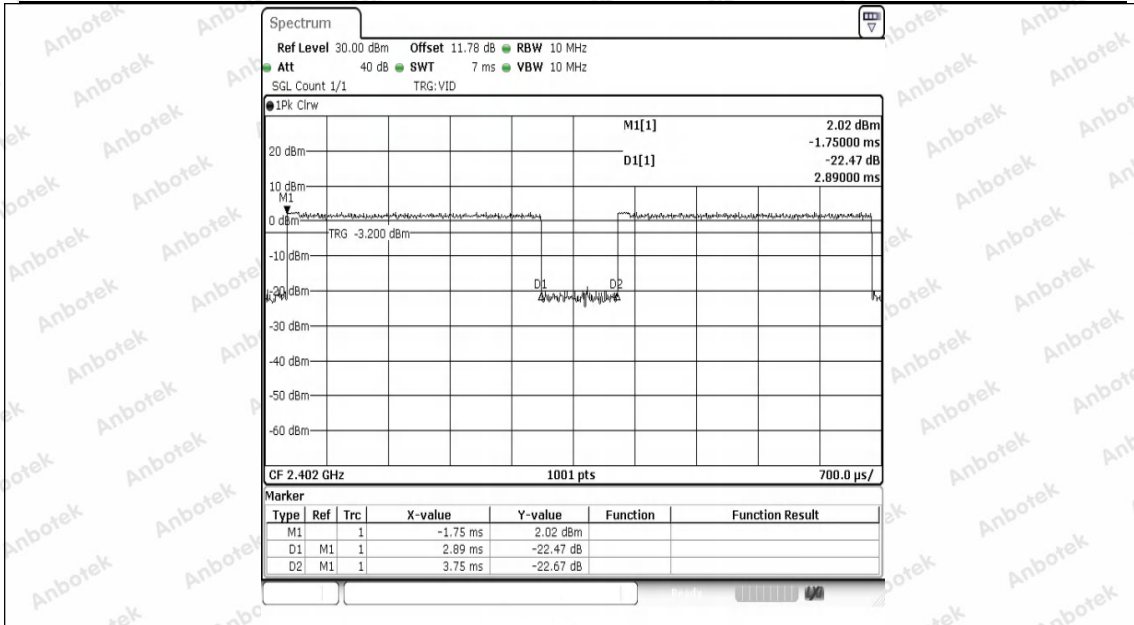


NTNV-2DH5-Ant1-2441

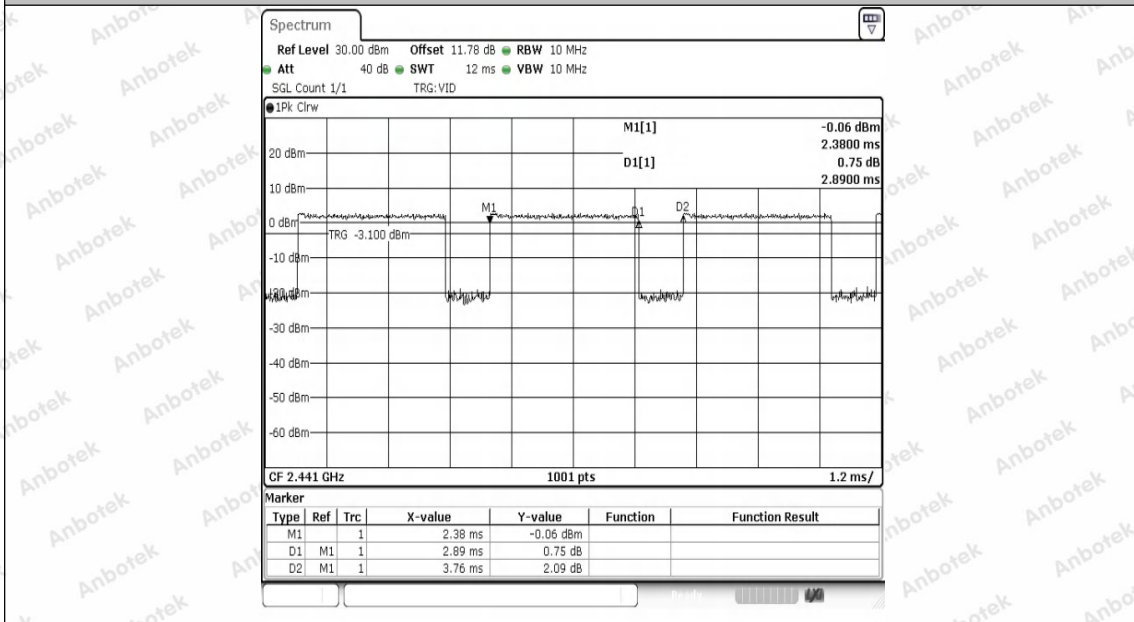


NTNV-2DH5-Ant1-2480



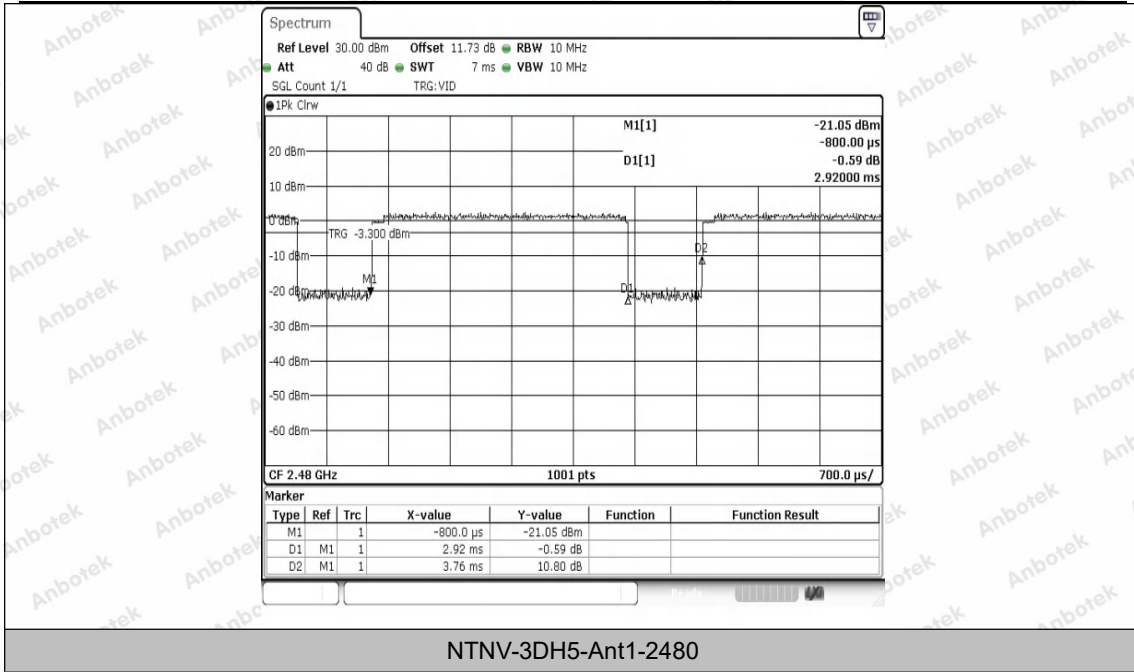


NTNV-3DH5-Ant1-2402



NTNV-3DH5-Ant1-2441





---End---

