

Appendix Test Data

Report No.:	18220WC30190702	Test Sample No.:	1-2-2
Start Test Date:	2023.09.05	Finish Test Date:	2023.09.07
Test Engineer:	Hayman Chen	Auditor:	RICK Luo
Temperature:	25.3°C	Relative Humidity:	48%
Pressure:	102kPa		

Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.560	2407.480	2416.040	≥0.5	PASS
		2437	9.040	2432.480	2441.520	≥0.5	PASS
		2462	8.560	2457.480	2466.040	≥0.5	PASS
11G	Ant1	2412	16.320	2403.840	2420.160	≥0.5	PASS
		2437	16.440	2428.760	2445.200	≥0.5	PASS
		2462	16.320	2453.840	2470.160	≥0.5	PASS
11N20SISO	Ant1	2412	17.520	2403.240	2420.760	≥0.5	PASS
		2437	17.240	2428.240	2445.480	≥0.5	PASS
		2462	17.600	2453.200	2470.800	≥0.5	PASS

Shenzhen Anbotek Compliance Laboratory Limited

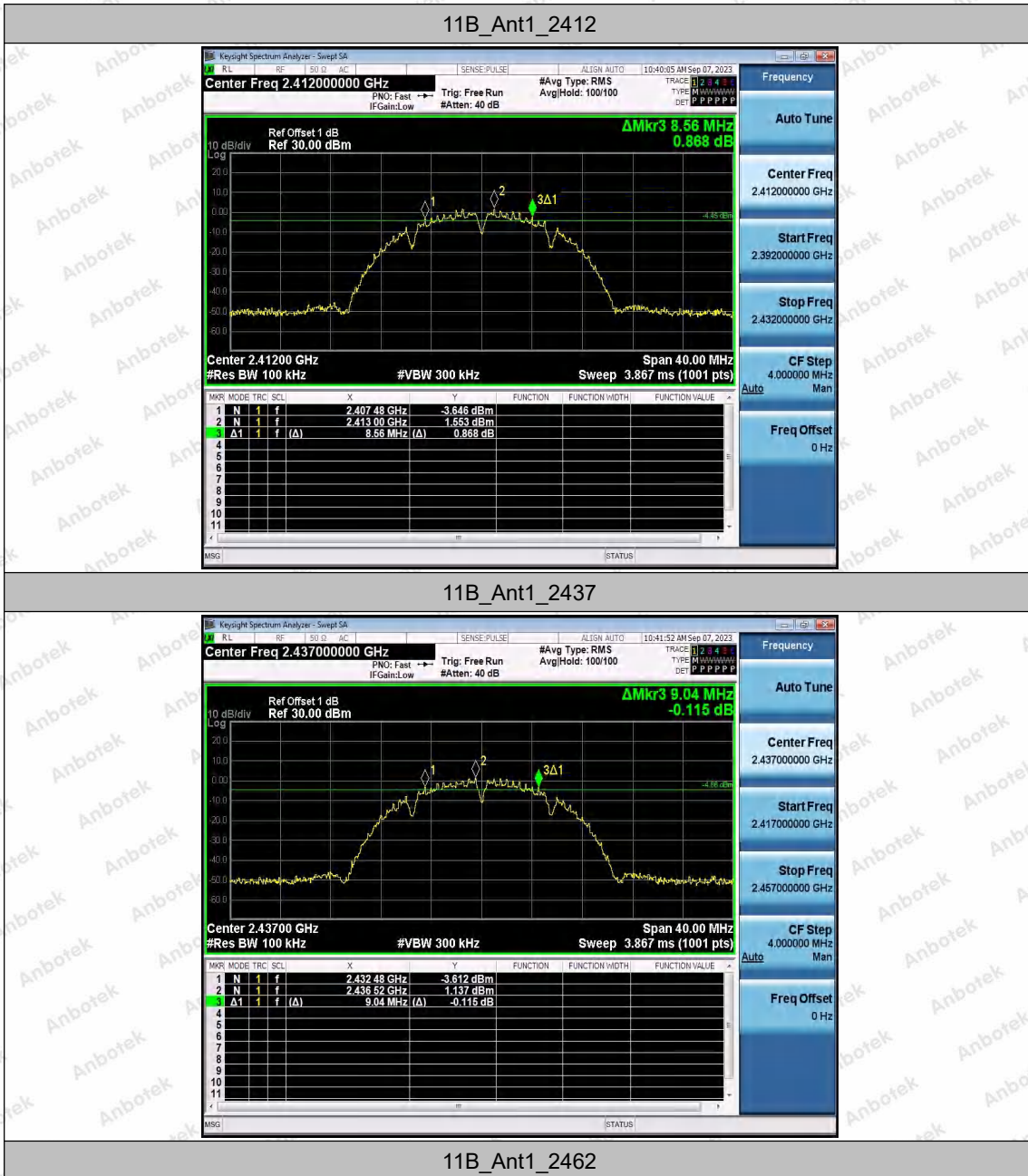
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



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



Test Graphs



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





11G_Ant1_2412



11G_Ant1_2437

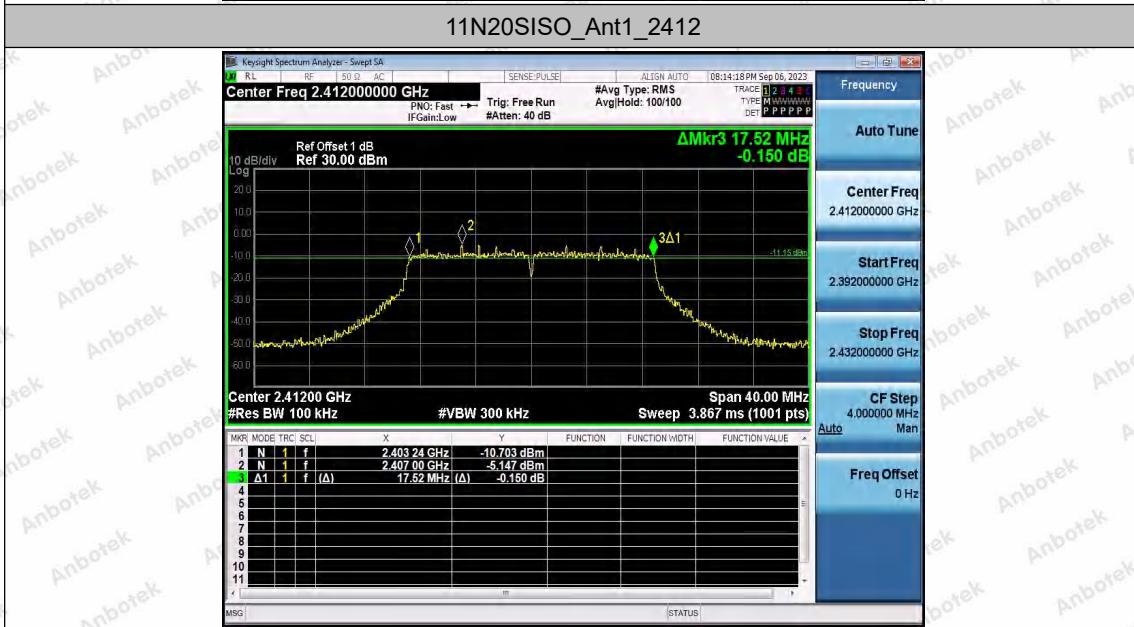
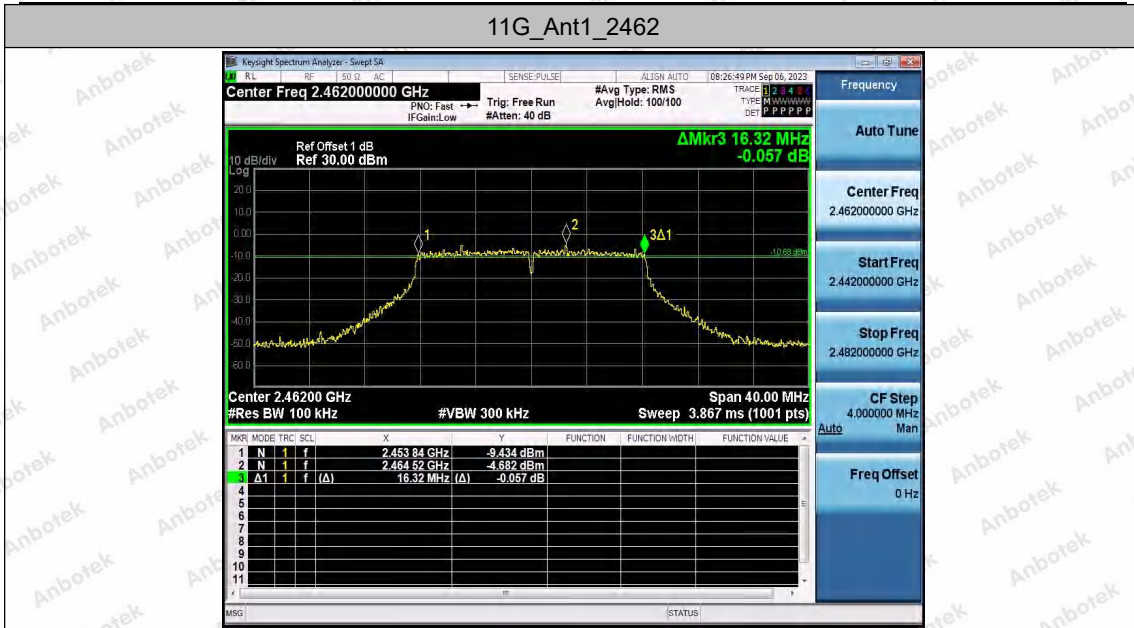


Shenzhen Anbotek Compliance Laboratory Limited

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





11N20SISO_Ant1_2437

Shenzhen Anbotek Compliance Laboratory Limited

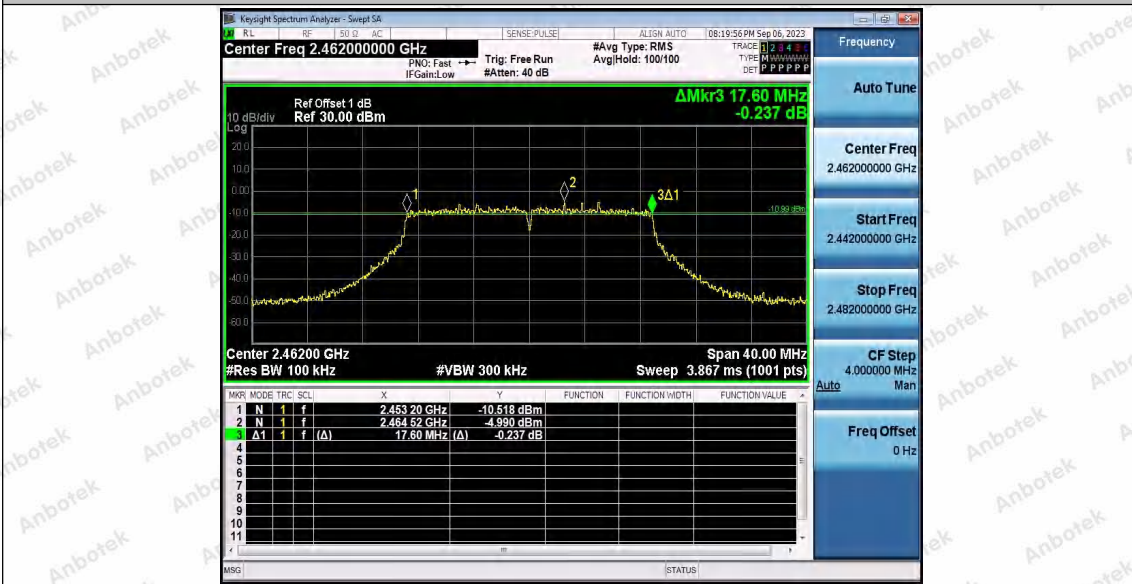
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

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





11N20SISO_Ant1_2462



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

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11B	Ant1	2412	14.070	2404.9581	2419.0281
		2437	14.076	2429.9554	2444.0314
		2462	14.067	2454.9559	2469.0229
11G	Ant1	2412	17.149	2403.4641	2420.6131
		2437	17.258	2428.3992	2445.6572
		2462	17.075	2453.4361	2470.5111
11N20SISO	Ant1	2412	18.275	2402.8800	2421.1550
		2437	18.137	2427.9421	2446.0791
		2462	18.256	2452.9219	2471.1779

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



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





11G_Ant1_2412



11G_Ant1_2437

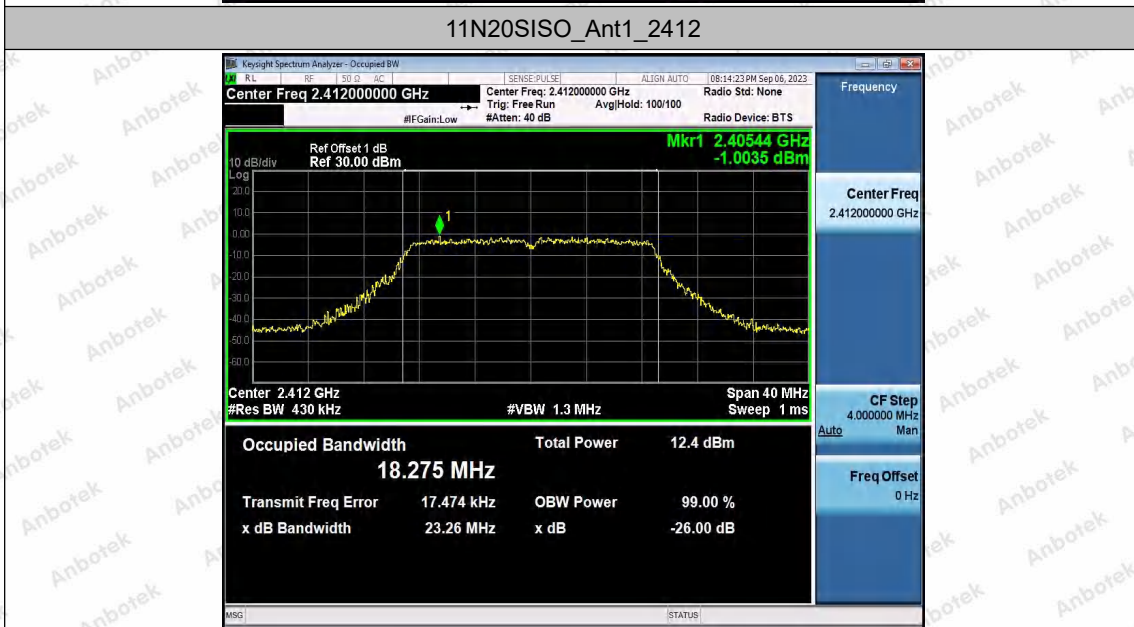
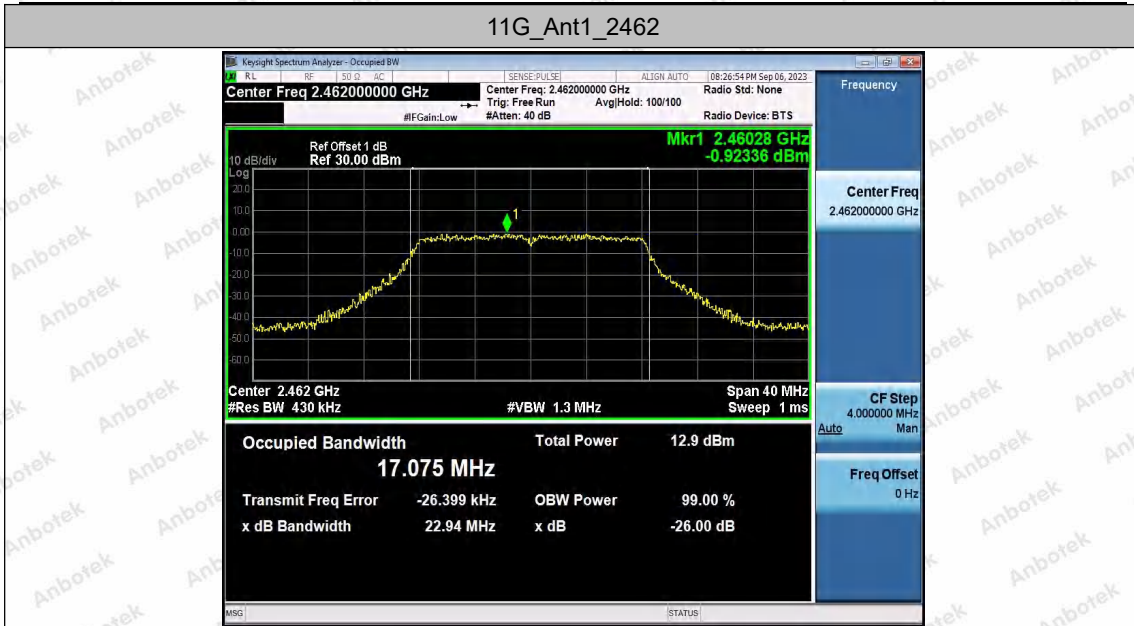


Shenzhen Anbotek Compliance Laboratory Limited

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





11N20SISO_Ant1_2437

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





11N20SISO_Ant1_2462



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

sTest Result Peak

Test Mode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]
11B	Ant1	2412	13.21	≤30.00
		2437	13.34	≤30.00
		2462	13.53	≤30.00
11G	Ant1	2412	13.82	≤30.00
		2437	13.99	≤30.00
		2462	14.12	≤30.00
11N20SISO	Ant1	2412	13.62	≤30.00
		2437	13.81	≤30.00
		2462	14.02	≤30.00

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



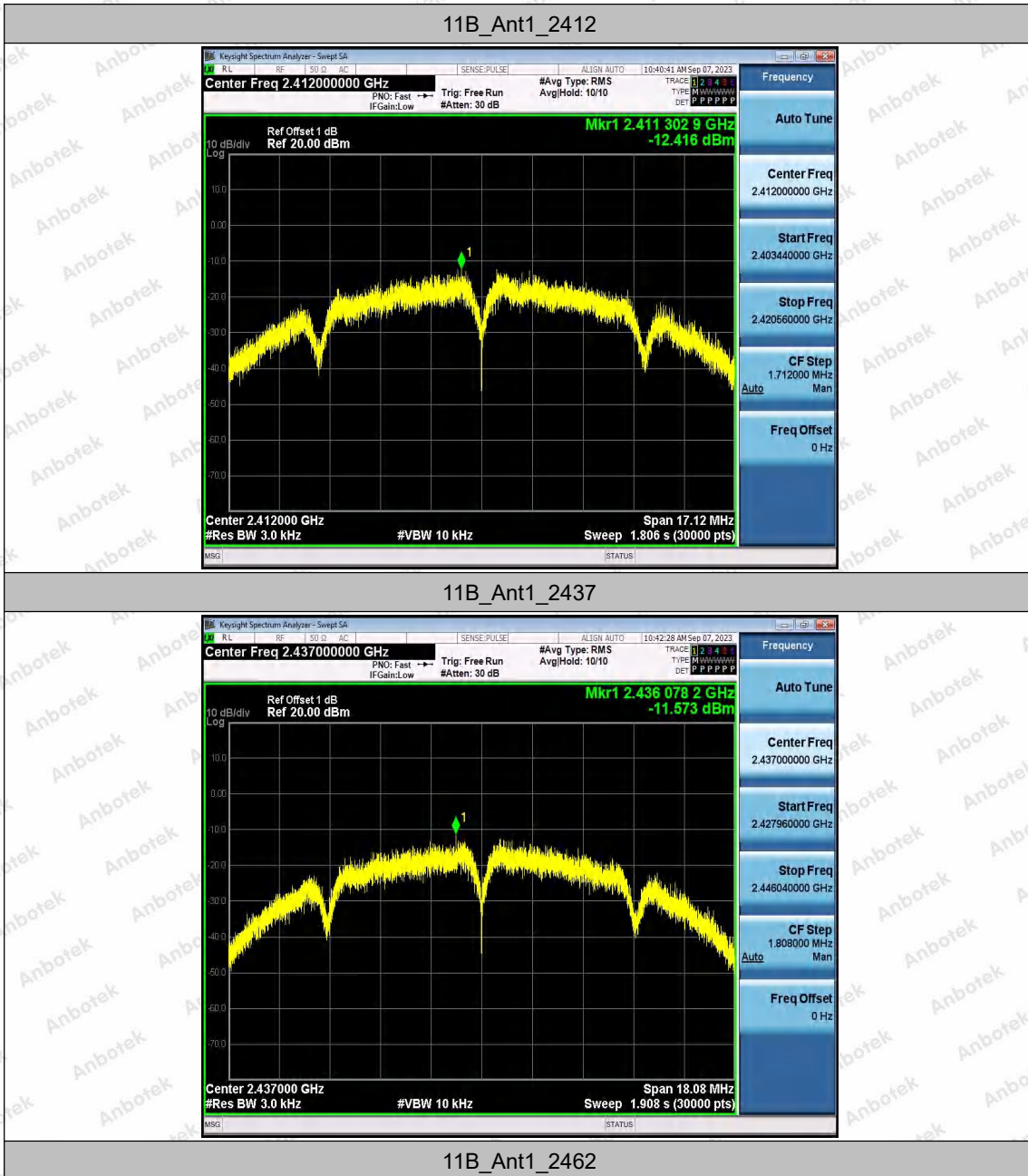
Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-12.42	≤8.00	PASS
		2437	-11.57	≤8.00	PASS
		2462	-12.53	≤8.00	PASS
11G	Ant1	2412	-18.63	≤8.00	PASS
		2437	-18.81	≤8.00	PASS
		2462	-17.18	≤8.00	PASS
11N20SISO	Ant1	2412	-19.06	≤8.00	PASS
		2437	-18.54	≤8.00	PASS
		2462	-18.61	≤8.00	PASS



Test Graphs



Shenzhen Anbotek Compliance Laboratory Limited

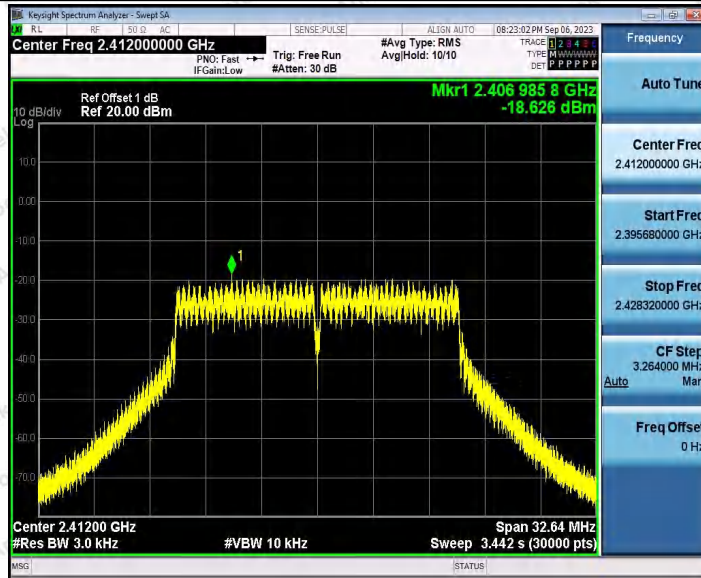
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

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

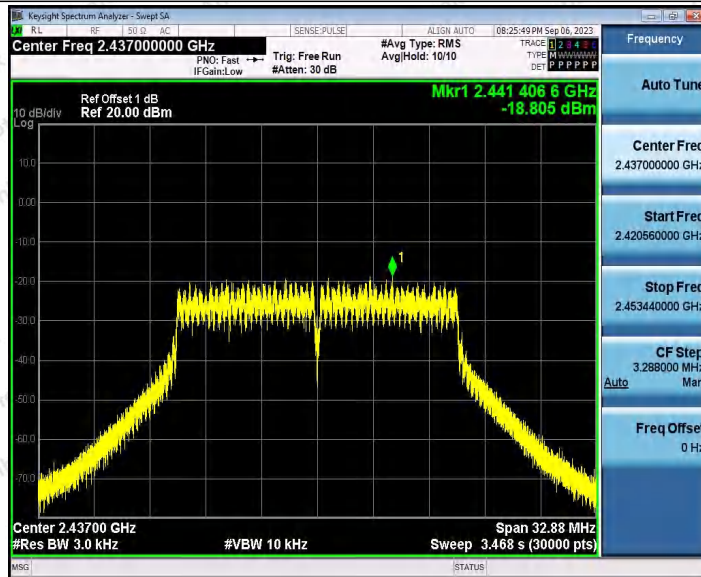




11G_Ant1_2412



11G_Ant1_2437

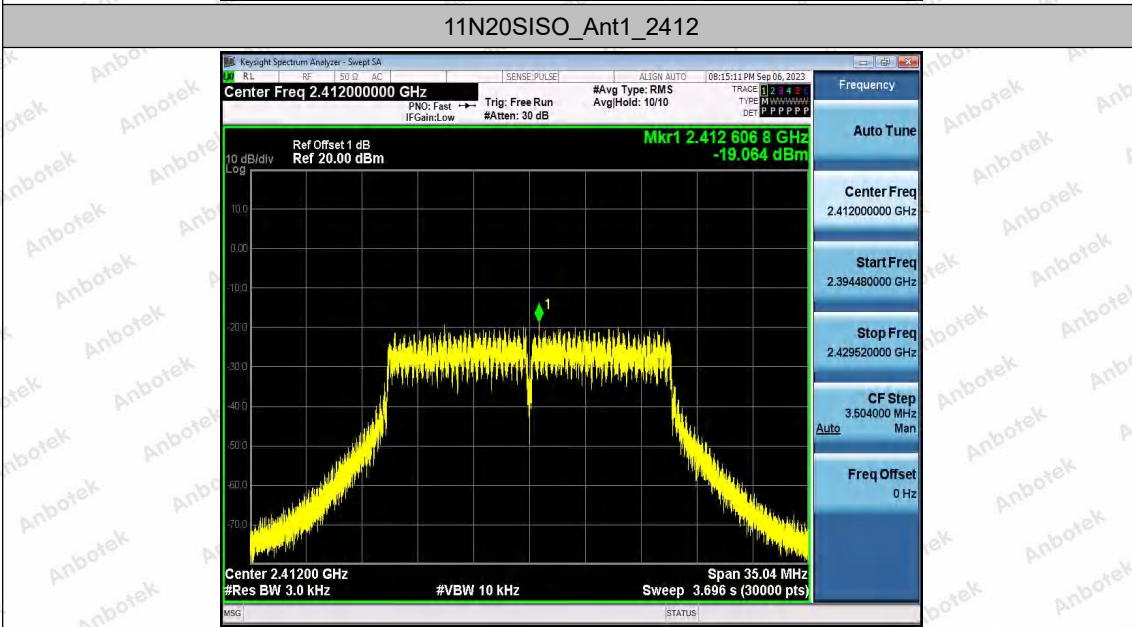
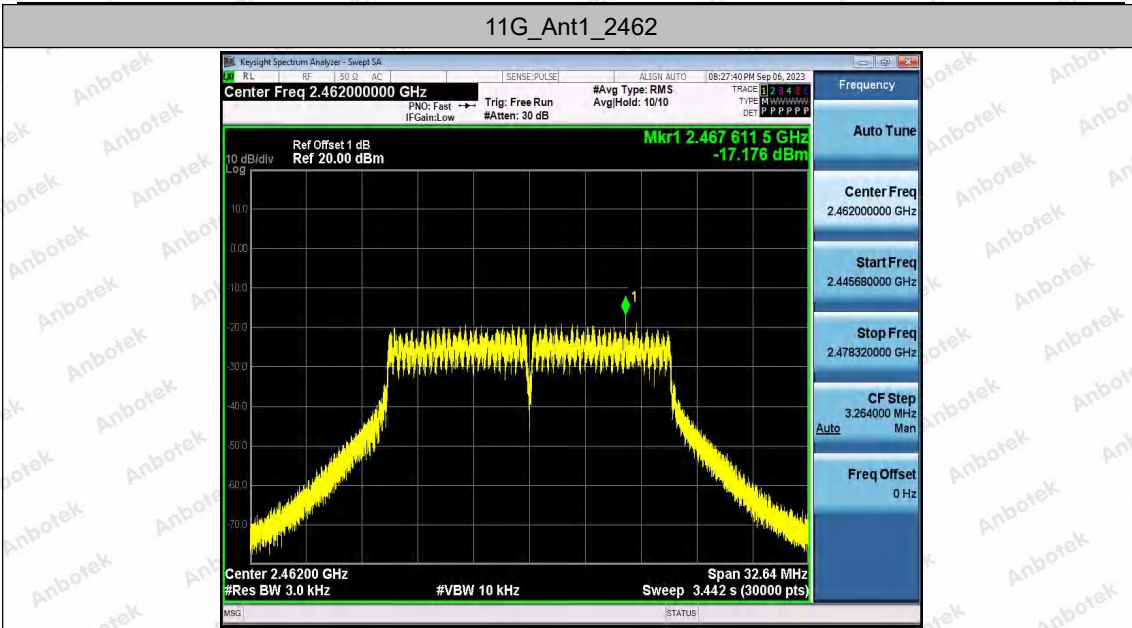


Shenzhen Anbotek Compliance Laboratory Limited

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





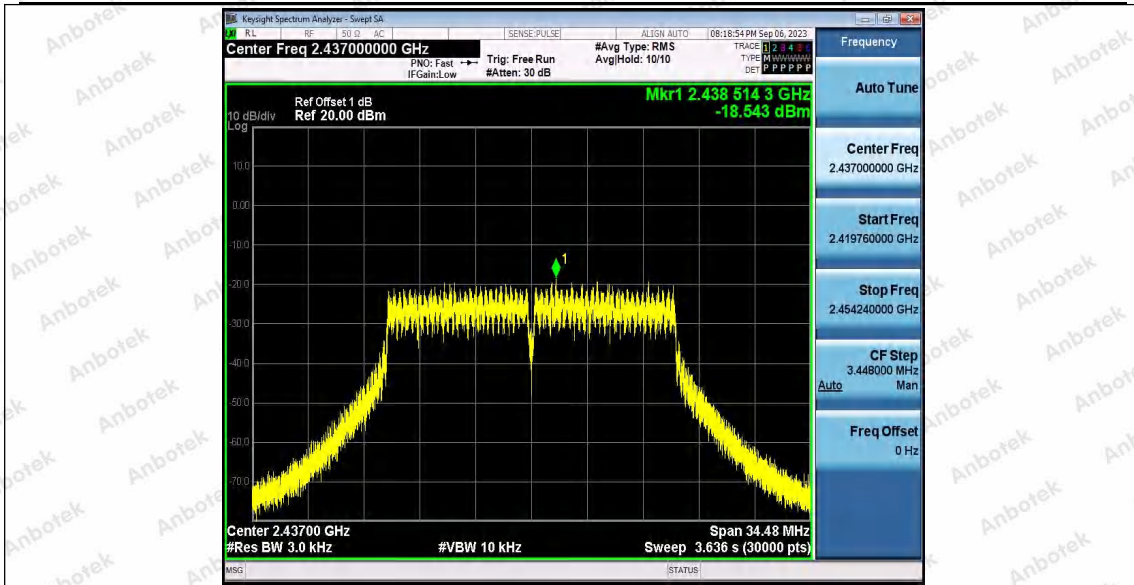
11N20SISO_Ant1_2437

Shenzhen Anbotek Compliance Laboratory Limited

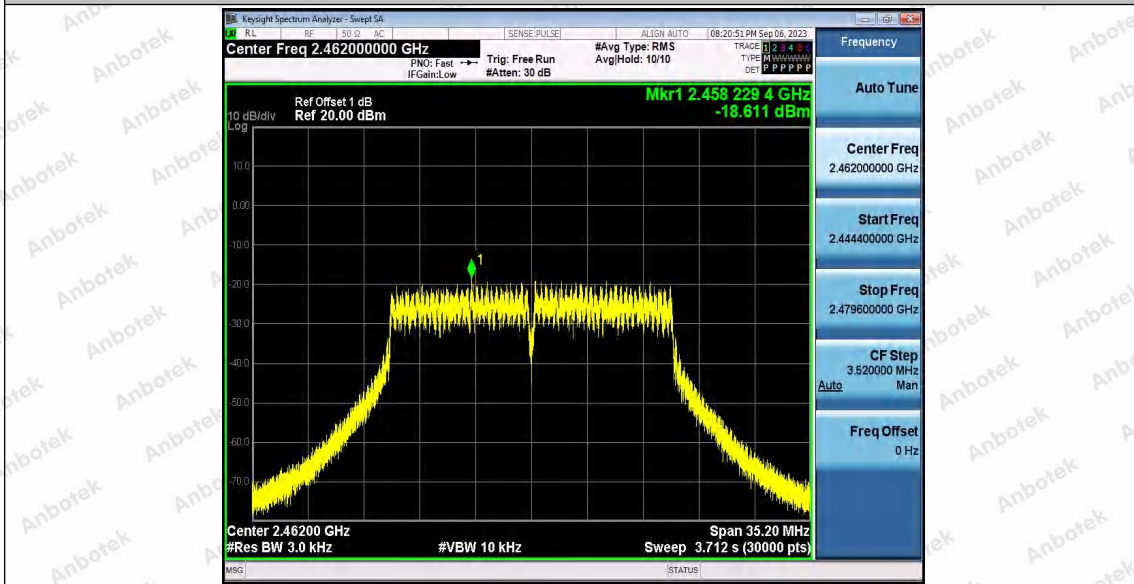
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

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





11N20SISO_Ant1_2462



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: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1.86	-48.95	≤-18.14	PASS
		High	2462	1.88	-56.10	≤-18.12	PASS
11G	Ant1	Low	2412	-4.36	-41.65	≤-24.36	PASS
		High	2462	-4.08	-55.56	≤-24.08	PASS
11N20SISO	Ant1	Low	2412	-4.95	-39.62	≤-24.95	PASS
		High	2462	-4.59	-56.33	≤-24.59	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

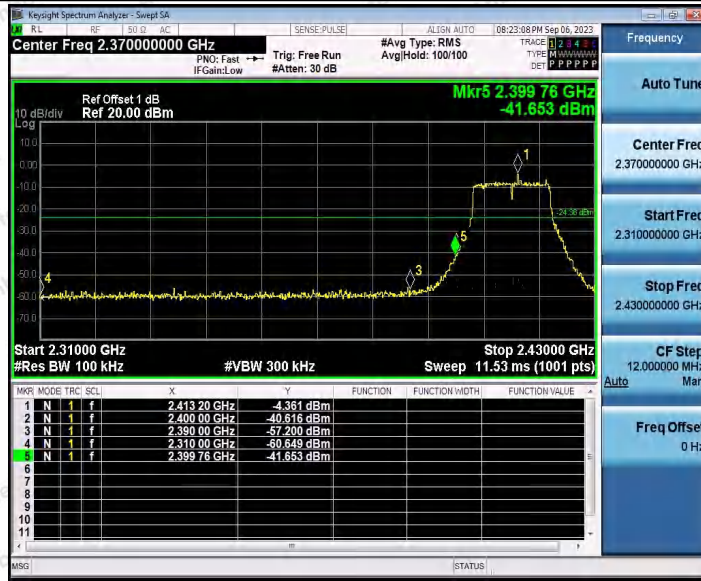


Shenzhen Anbotek Compliance Laboratory Limited

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





11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412

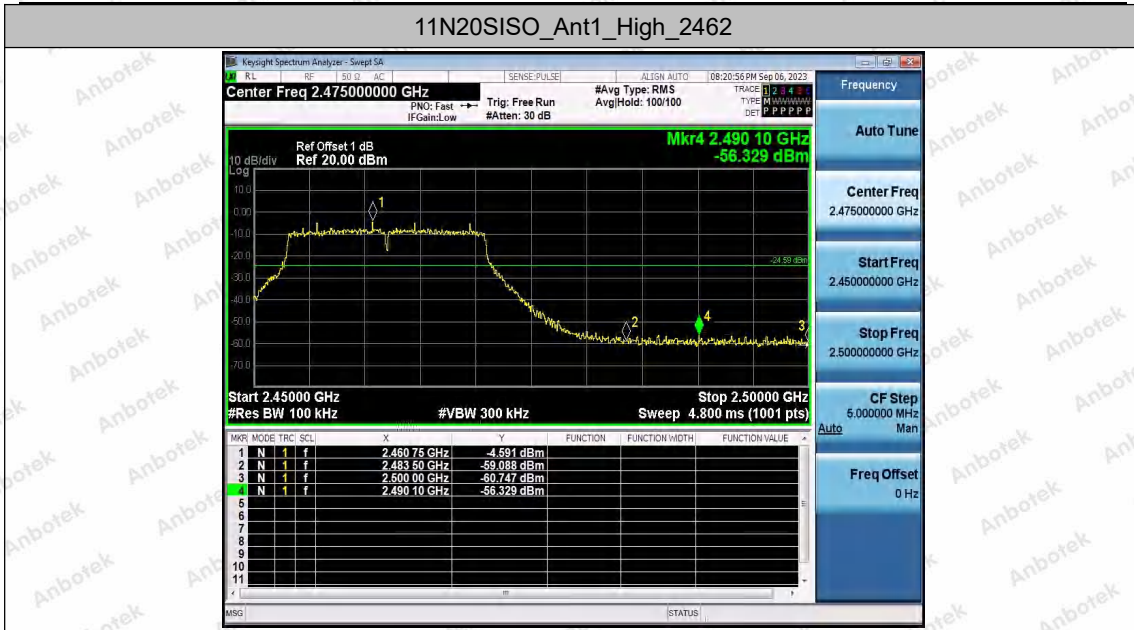


Shenzhen Anbotek Compliance Laboratory Limited

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



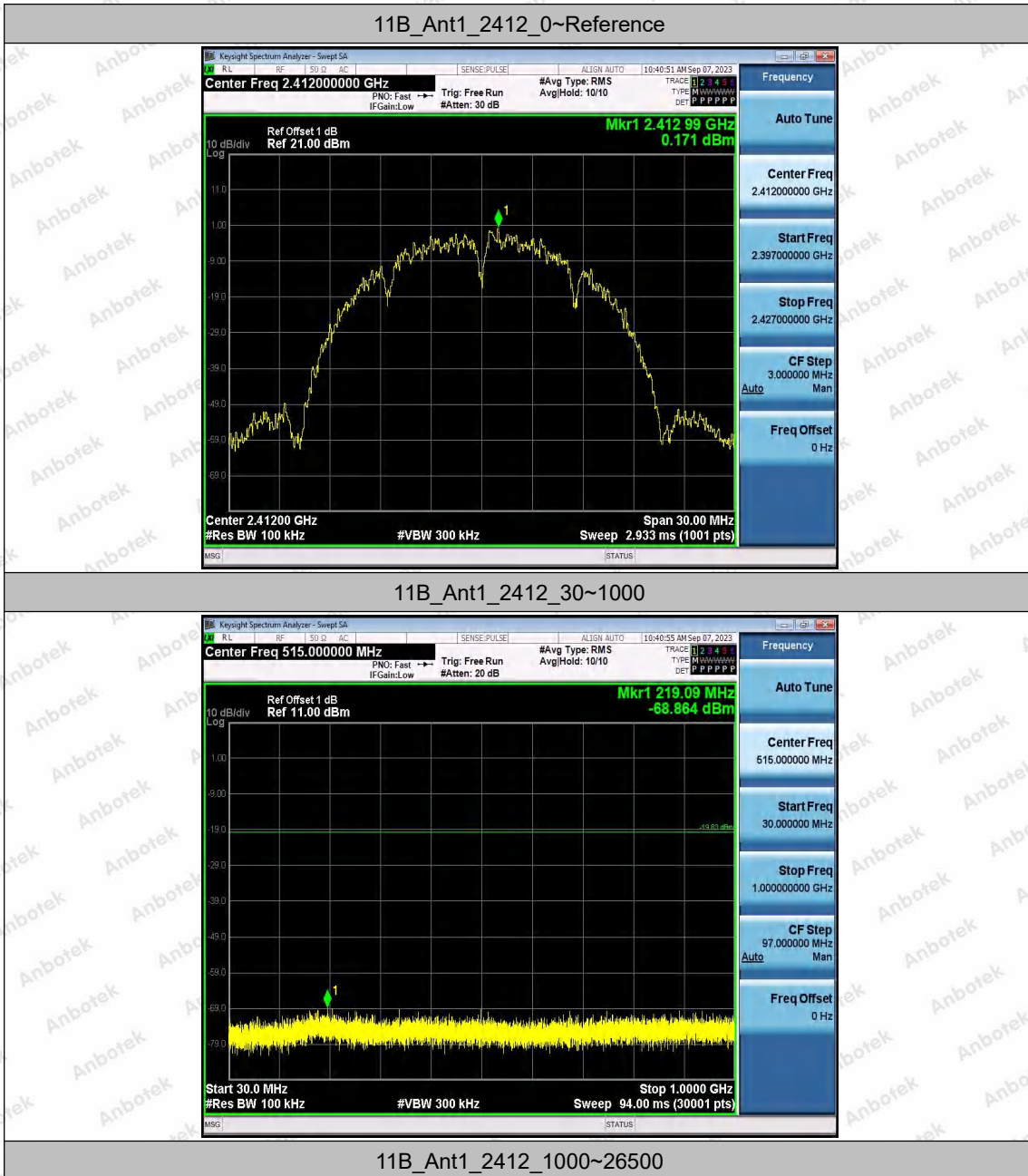
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	0.17	0.17	---	PASS
			30~1000	0.17	-68.86	≤-19.83	PASS
			1000~26500	0.17	-54.27	≤-19.83	PASS
		2437	Reference	0.14	0.14	---	PASS
			30~1000	0.14	-69.04	≤-19.86	PASS
			1000~26500	0.14	-53.05	≤-19.86	PASS
		2462	Reference	0.20	0.20	---	PASS
			30~1000	0.20	-68.47	≤-19.8	PASS
			1000~26500	0.20	-53.88	≤-19.8	PASS
11G	Ant1	2412	Reference	-6.55	-6.55	---	PASS
			30~1000	-6.55	-68.12	≤-26.55	PASS
			1000~26500	-6.55	-53.42	≤-26.55	PASS
		2437	Reference	-5.60	-5.60	---	PASS
			30~1000	-5.60	-68.21	≤-25.6	PASS
			1000~26500	-5.60	-54.05	≤-25.6	PASS
		2462	Reference	-7.37	-7.37	---	PASS
			30~1000	-7.37	-68.68	≤-27.37	PASS
			1000~26500	-7.37	-52.09	≤-27.37	PASS
11N20SISO	Ant1	2412	Reference	-5.32	-5.32	---	PASS
			30~1000	-5.32	-68.15	≤-25.32	PASS
			1000~26500	-5.32	-53.47	≤-25.32	PASS
		2437	Reference	-8.46	-8.46	---	PASS
			30~1000	-8.46	-68.69	≤-28.46	PASS
			1000~26500	-8.46	-53.5	≤-28.46	PASS
		2462	Reference	-5.89	-5.89	---	PASS
			30~1000	-5.89	-68.49	≤-25.89	PASS
			1000~26500	-5.89	-54.03	≤-25.89	PASS



Test Graphs

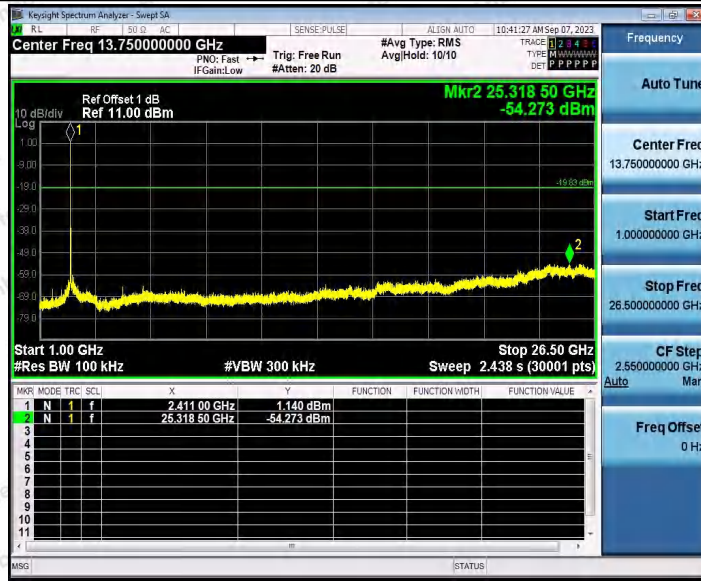


Shenzhen Anbotek Compliance Laboratory Limited

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

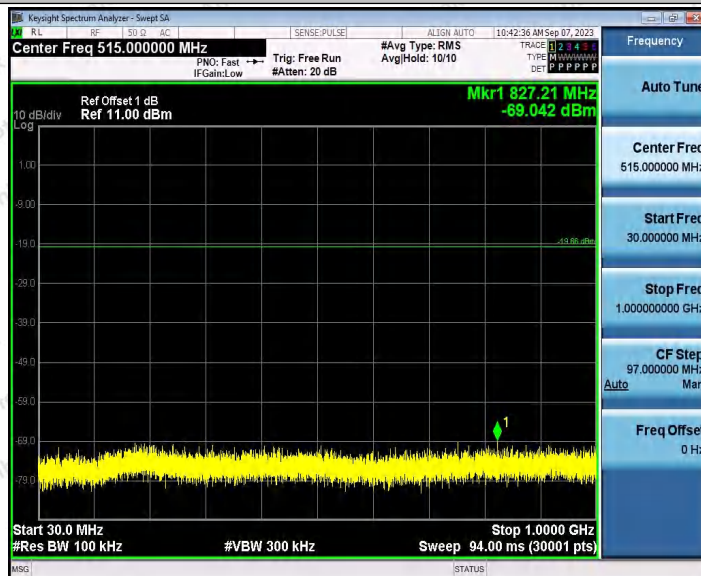




11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



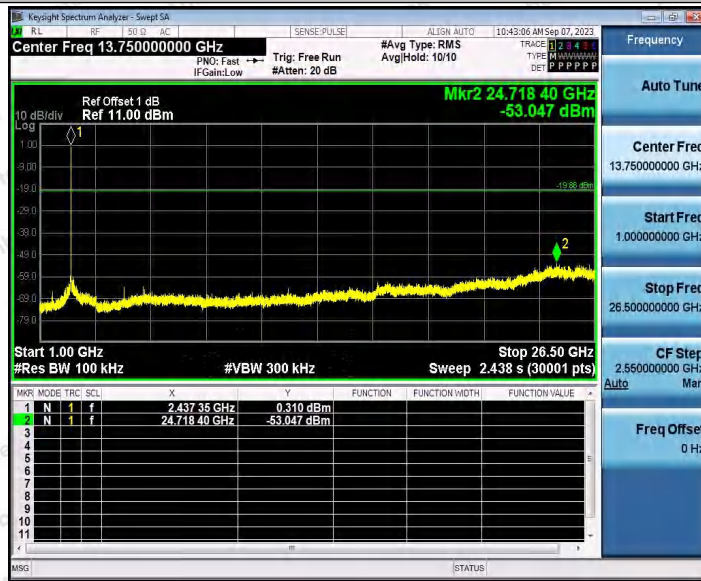
Shenzhen Anbotek Compliance Laboratory Limited

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



11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



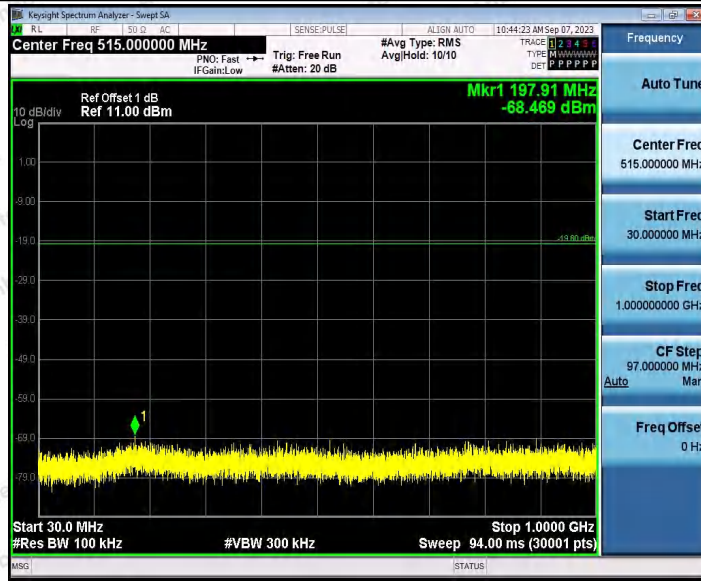
11B_Ant1_2462_30~1000

Shenzhen Anbotek Compliance Laboratory Limited

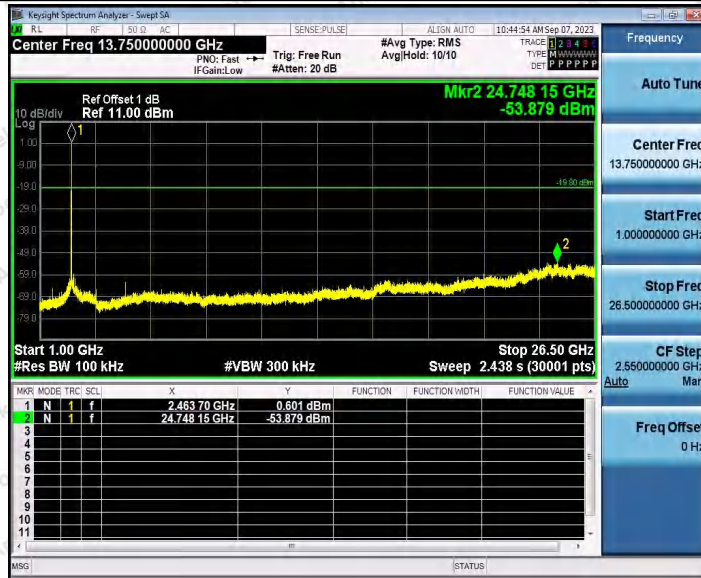
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

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





11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference



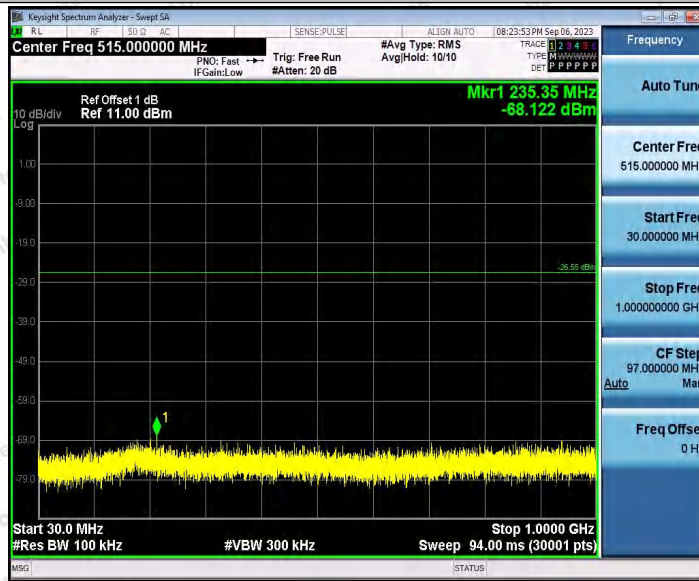
Shenzhen Anbotek Compliance Laboratory Limited

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

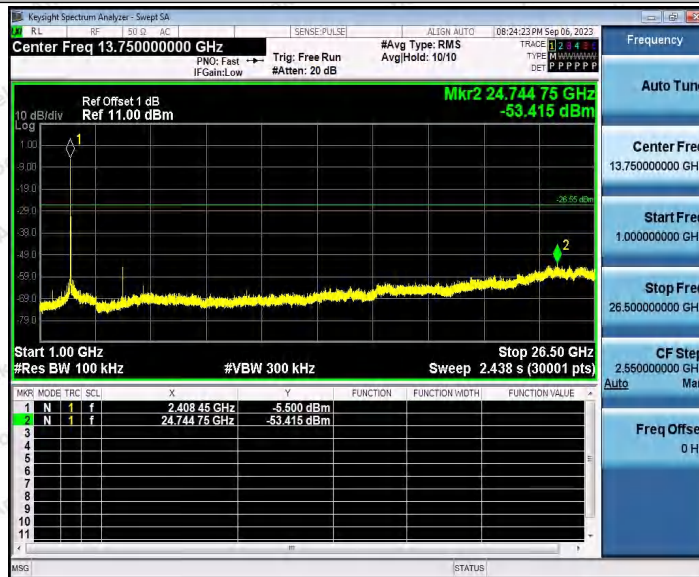
Hotline 400-003-0500
www.anbotek.com.cn



11G_Ant1_2412_30~1000



11G_Ant1_2412_1000~26500



11G_Ant1_2437_0~Reference

Shenzhen Anbotek Compliance Laboratory Limited

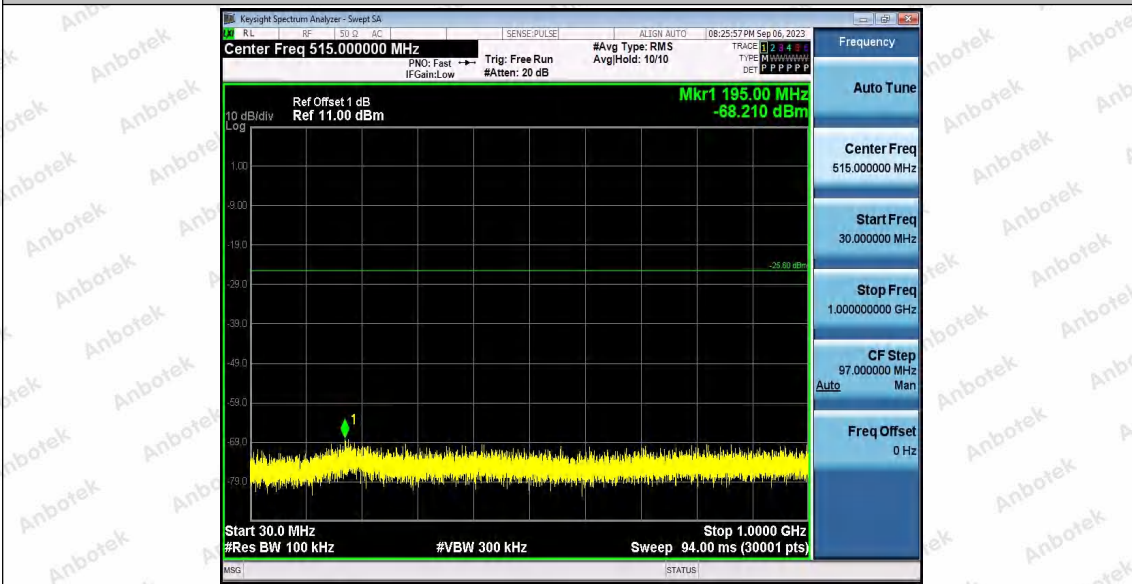
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

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

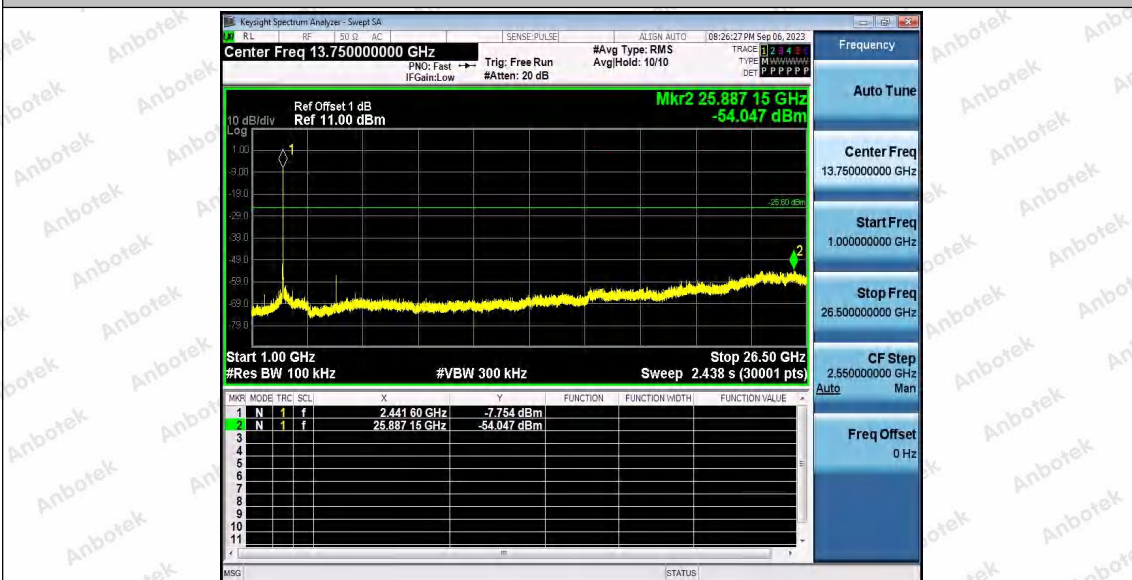




11G_Ant1_2437_30~1000



11G_Ant1_2437_1000~26500



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

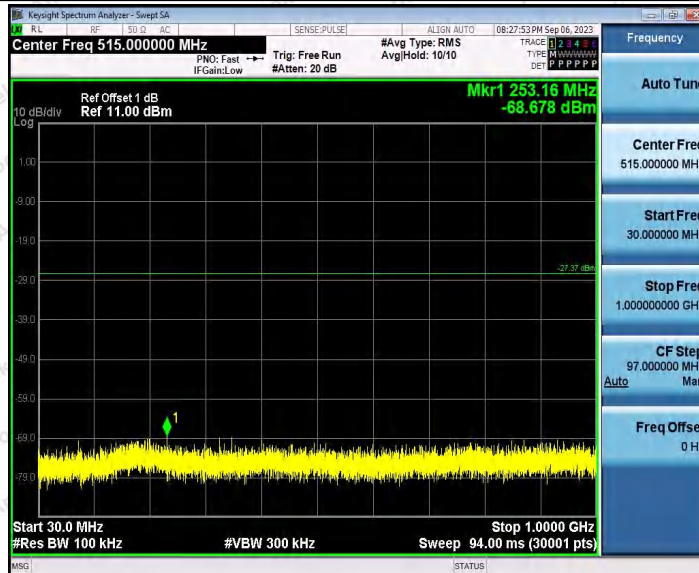
Hotline
400-003-0500
www.anbotek.com.cn



11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



11G_Ant1_2462_1000~26500

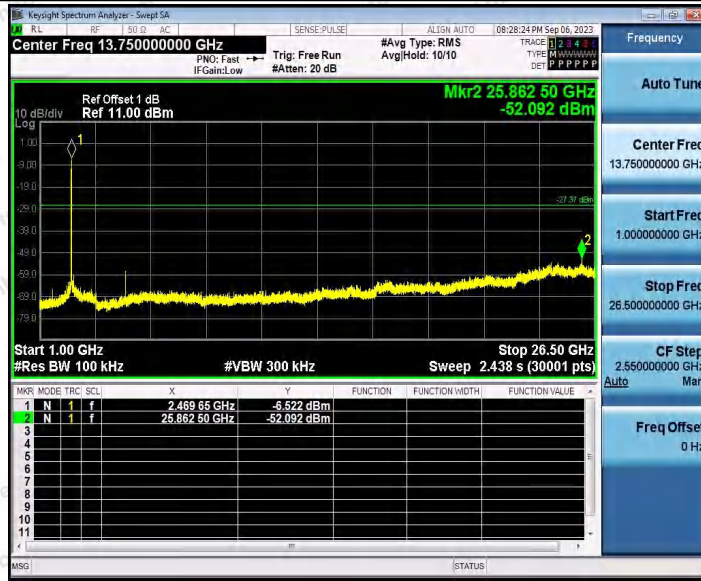
Shenzhen Anbotek Compliance Laboratory Limited

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

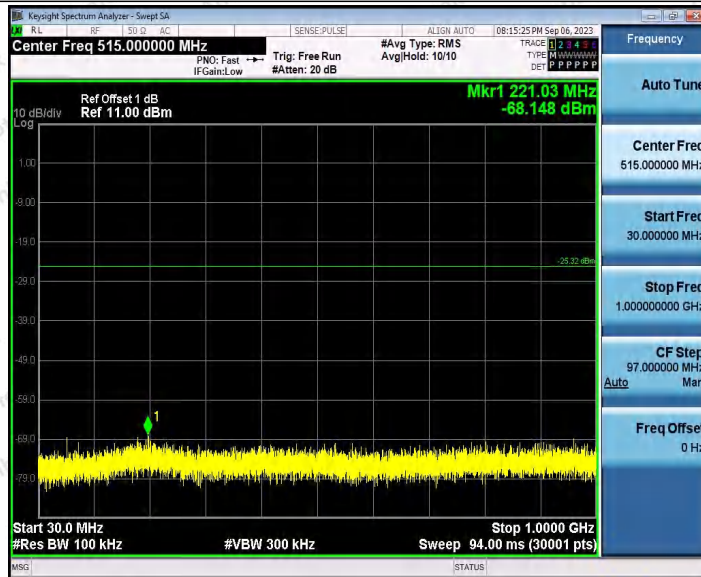




11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



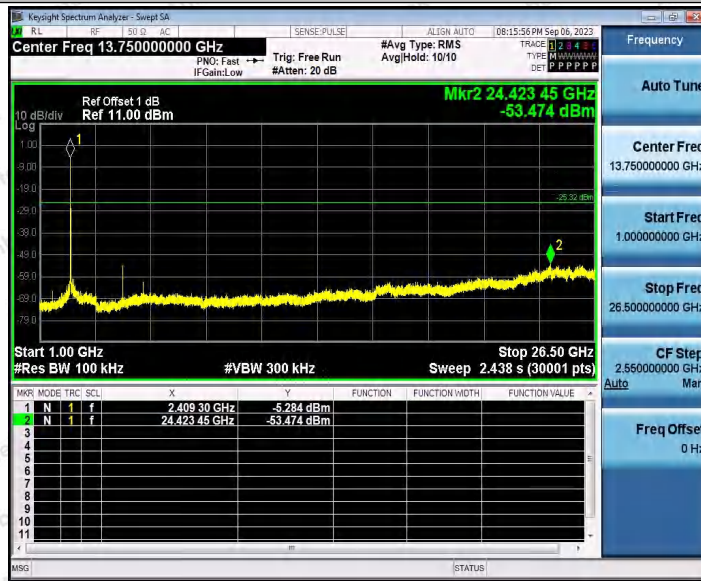
Shenzhen Anbotek Compliance Laboratory Limited

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

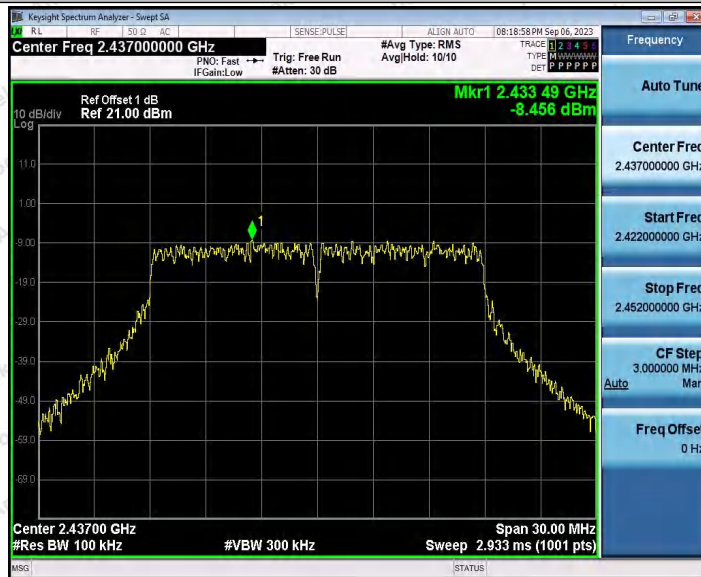
Hotline
400-003-0500
www.anbotek.com.cn



11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



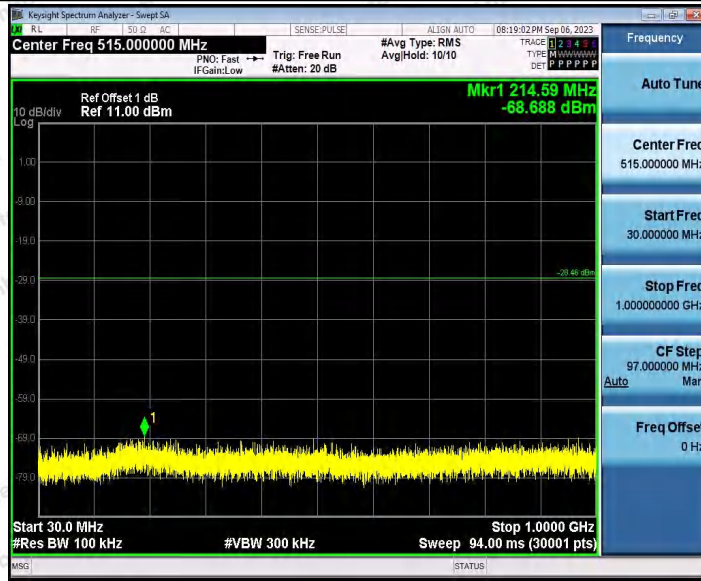
11N20SISO_Ant1_2437_30~1000

Shenzhen Anbotek Compliance Laboratory Limited

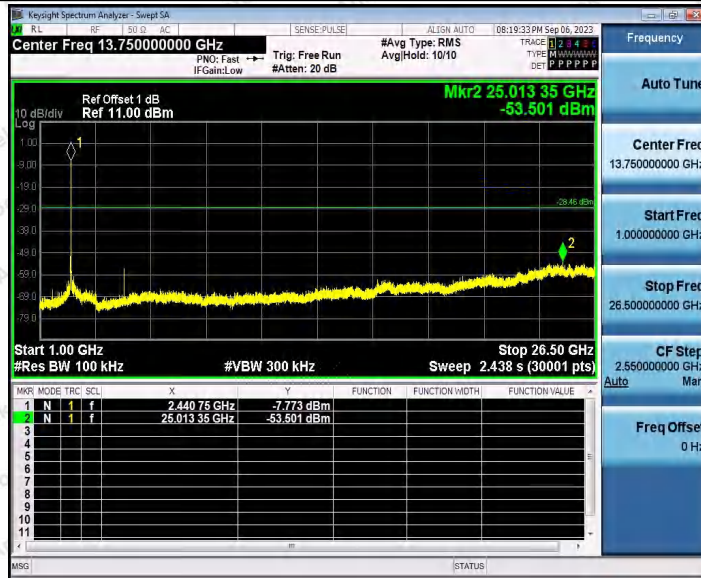
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

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





11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference

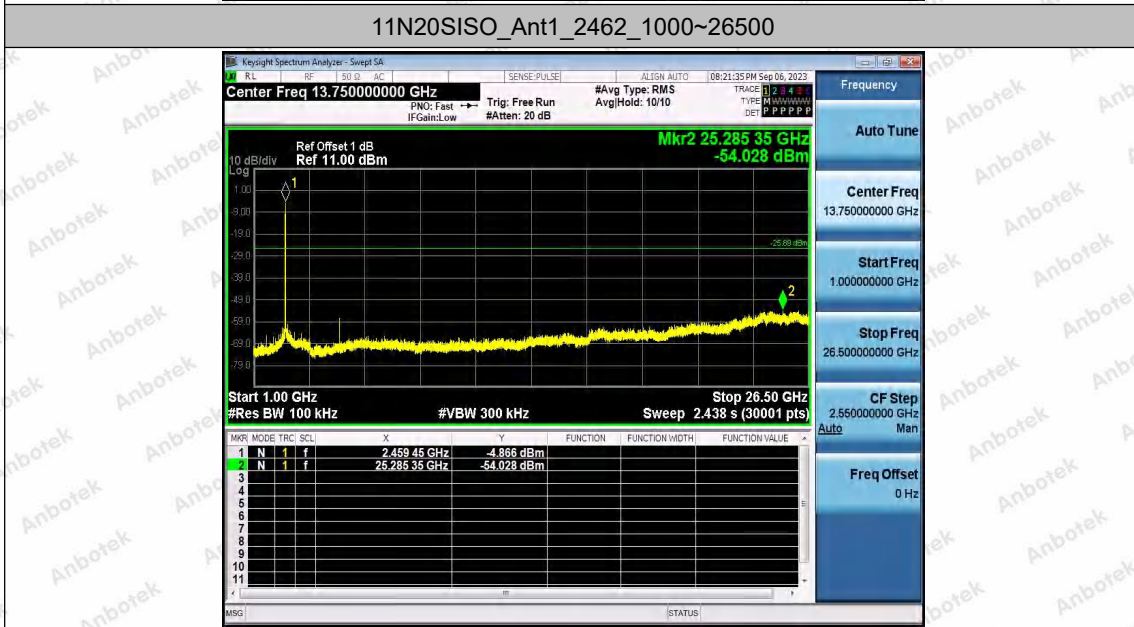
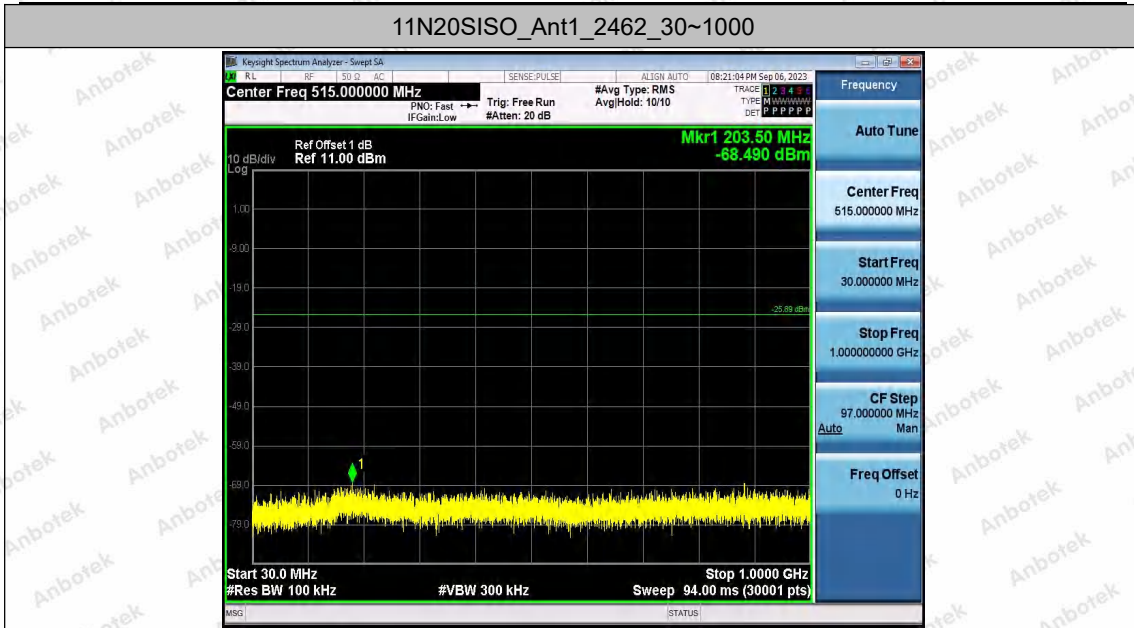


Shenzhen Anbotek Compliance Laboratory Limited

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: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2412	12.42	12.55	98.96	0.05
		2437	12.42	12.55	98.96	0.05
		2462	12.42	12.55	98.96	0.05
11G	Ant1	2412	2.06	2.19	94.06	0.27
		2437	2.07	2.20	94.09	0.26
		2462	2.06	2.19	94.06	0.27
11N20SISO	Ant1	2412	1.92	2.05	93.66	0.28
		2437	1.92	2.05	93.66	0.28
		2462	1.92	2.05	93.66	0.28

Shenzhen Anbotek Compliance Laboratory Limited

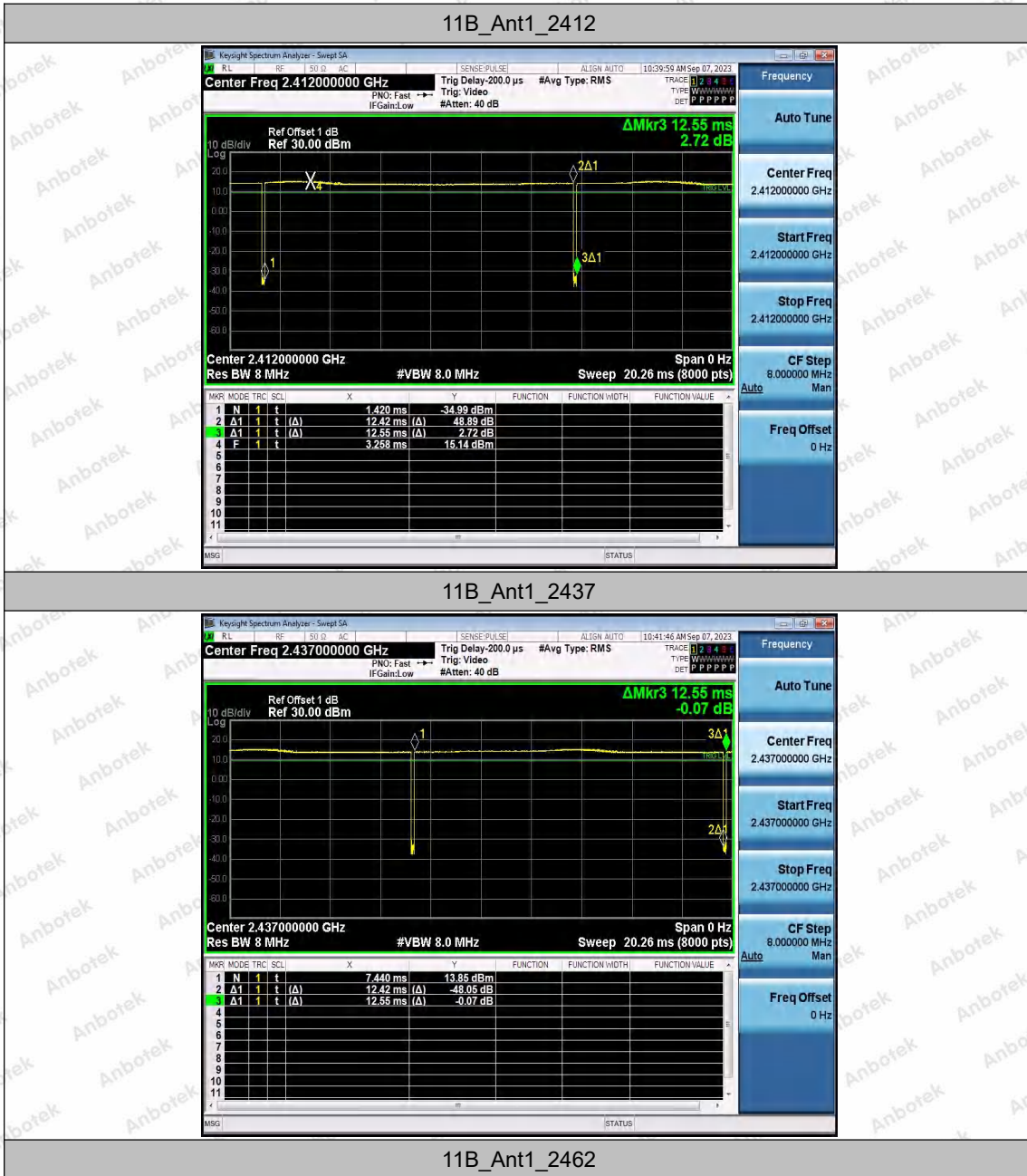
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



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



Test Graphs



Shenzhen Anbotek Compliance Laboratory Limited

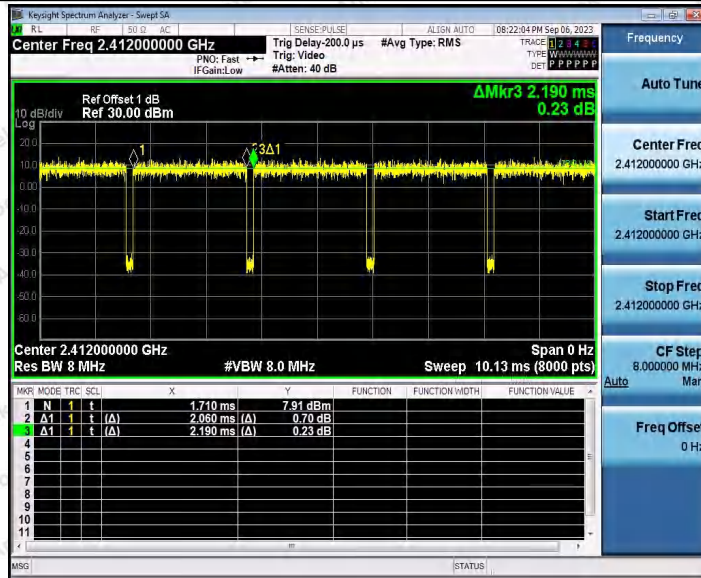
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

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

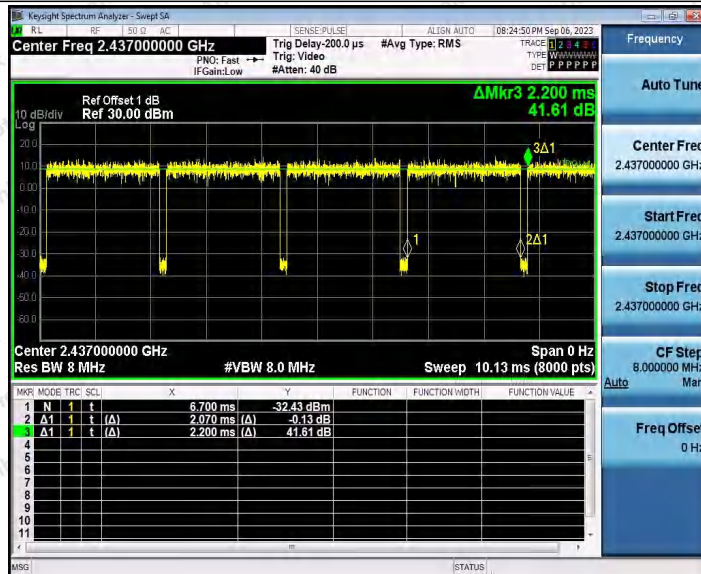




11G_Ant1_2412



11G_Ant1_2437

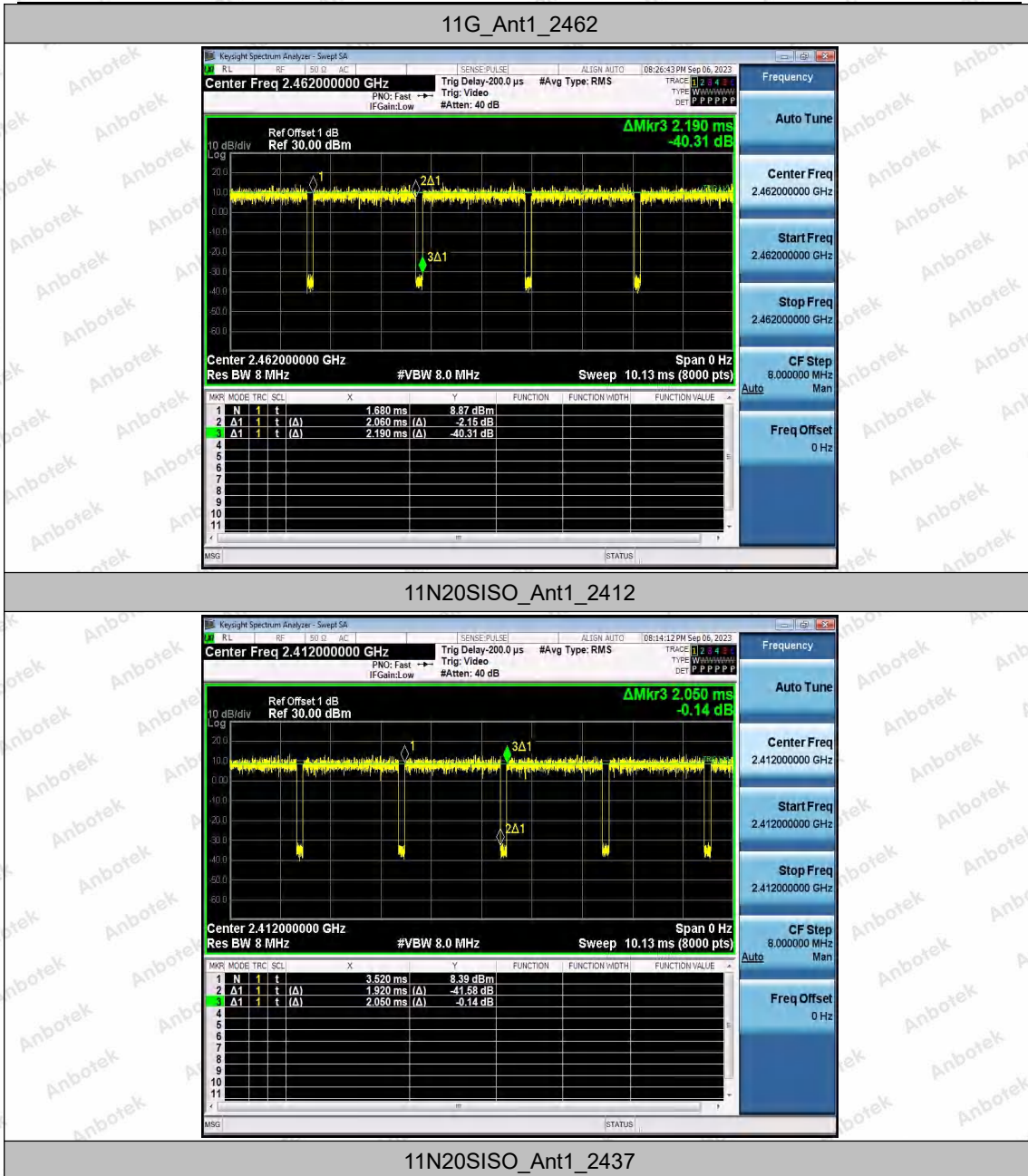


Shenzhen Anbotek Compliance Laboratory Limited

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



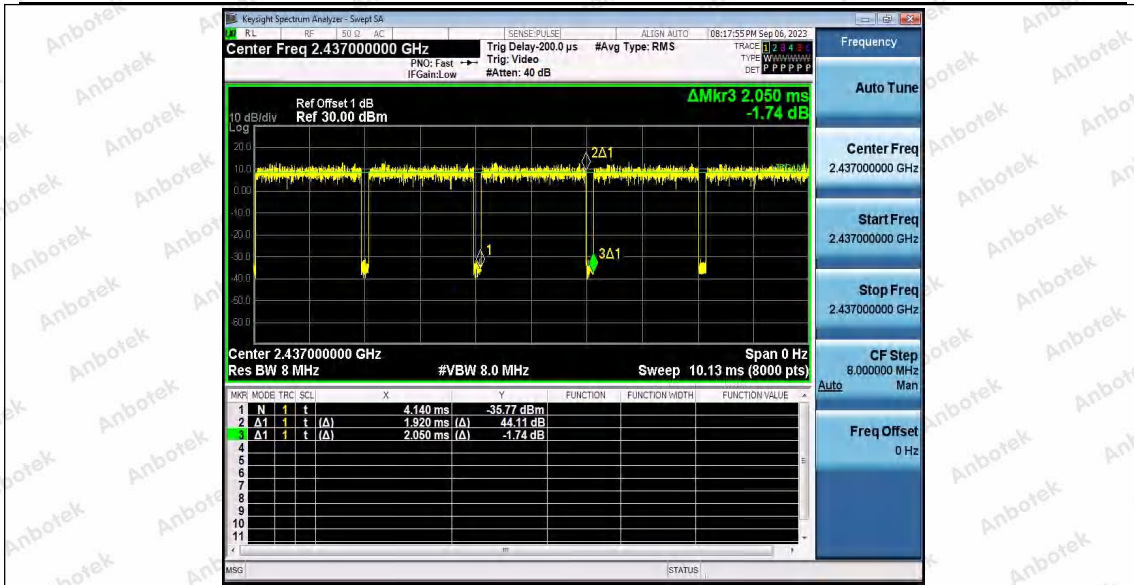


Shenzhen Anbotek Compliance Laboratory Limited

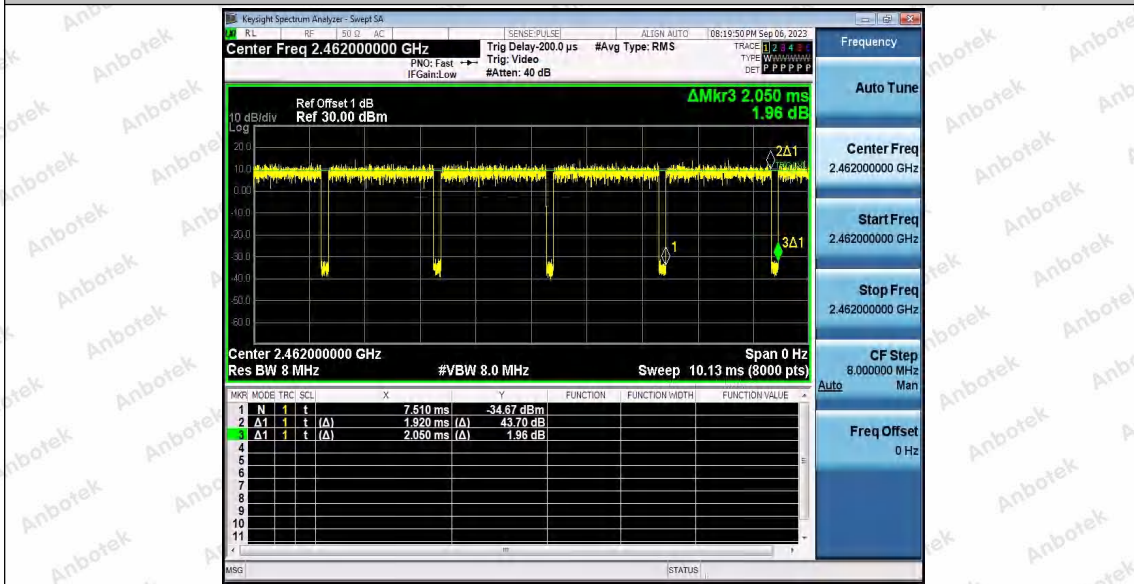
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

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





11N20SISO_Ant1_2462



---End---

