

Appendix Test Data

Report No.:	18220WC20265402	Test Sample No.:	1-2-2
Start Test Date:	2022..11.21	Finish Test Date:	2022.11.28
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3C°	Relative Humidity:	47 %
Pressure:	1012 hPa		

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.040	2408.000	2416.040	≥0.5	PASS
		2437	8.040	2432.960	2441.000	≥0.5	PASS
		2462	8.080	2457.960	2466.040	≥0.5	PASS
11G	Ant1	2412	16.320	2403.840	2420.160	≥0.5	PASS
		2437	16.360	2428.840	2445.200	≥0.5	PASS
		2462	16.360	2453.840	2470.200	≥0.5	PASS
11N20	Ant1	2412	17.520	2403.240	2420.760	≥0.5	PASS
		2437	17.560	2428.240	2445.800	≥0.5	PASS
		2462	17.520	2453.240	2470.760	≥0.5	PASS



Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_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





11G_Ant1_2412



11G_Ant1_2437





11G_Ant1_2462



11N20_Ant1_2412





11N20_Ant1_2437



11N20_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	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11B	Ant1	2412	13.136	2405.4539	2418.5899
		2437	13.023	2430.4996	2443.5226
		2462	12.991	2455.5351	2468.5261
11G	Ant1	2412	17.127	2403.4218	2420.5488
		2437	17.184	2428.4430	2445.6270
		2462	16.927	2453.5430	2470.4700
11N20	Ant1	2412	17.995	2403.0088	2421.0038
		2437	17.988	2428.0212	2446.0092
		2462	18.008	2453.0207	2471.0287



Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_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

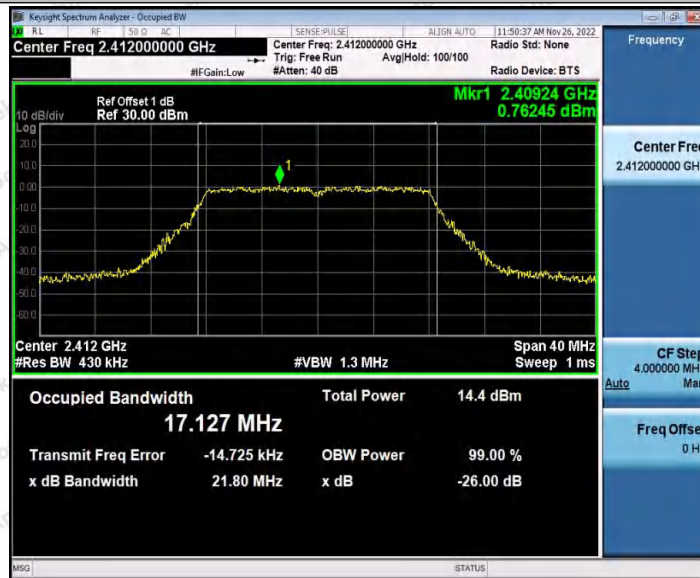


Hotline
400-003-0500
www.anbotek.com.cn





11G_Ant1_2412



11G_Ant1_2437





11G_Ant1_2462



11N20_Ant1_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





11N20_Ant1_2437



11N20_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





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
anbotek.com.cn



Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]
11B	Ant1	2412	17.60	≤30.00
		2437	21.69	≤30.00
		2462	21.35	≤30.00
11G	Ant1	2412	15.70	≤30.00
		2437	15.88	≤30.00
		2462	14.96	≤30.00
11N20	Ant1	2412	15.75	≤30.00
		2437	15.93	≤30.00
		2462	15.56	≤30.00



Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-7.62	≤8.00	PASS
		2437	-2.57	≤8.00	PASS
		2462	-3.33	≤8.00	PASS
11G	Ant1	2412	-16.71	≤8.00	PASS
		2437	-16.55	≤8.00	PASS
		2462	-16.78	≤8.00	PASS
11N20	Ant1	2412	-17.19	≤8.00	PASS
		2437	-15.63	≤8.00	PASS
		2462	-15.97	≤8.00	PASS



Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_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

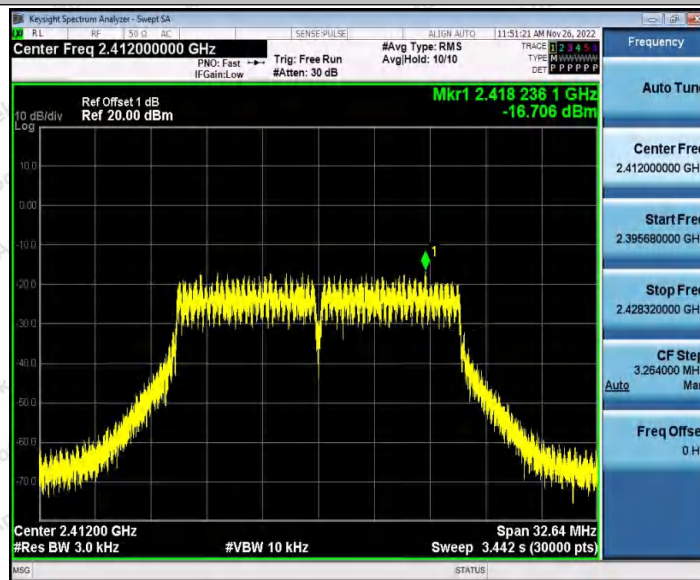


Hotline
400-003-0500
www.anbotek.com.cn



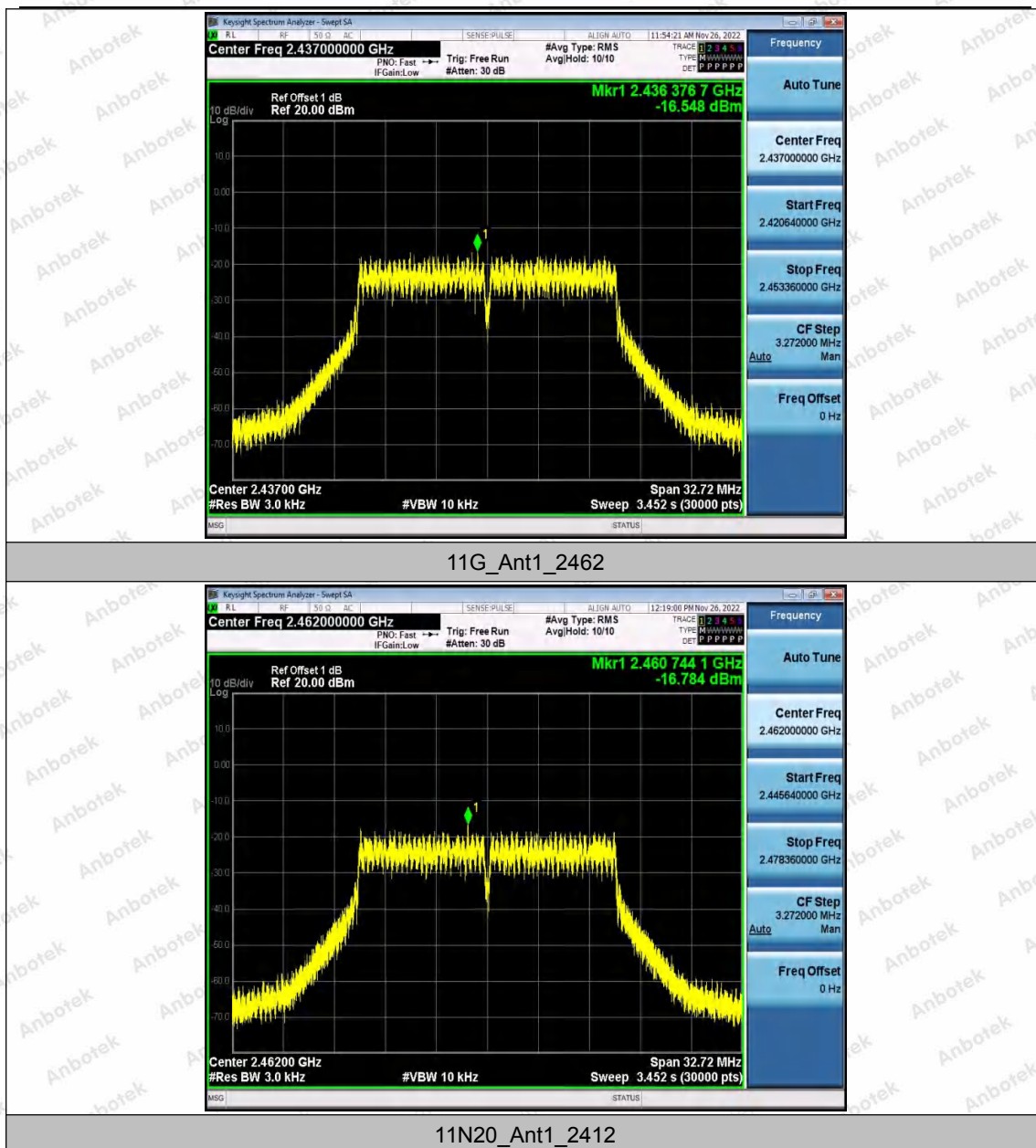


11G_Ant1_2412



11G_Ant1_2437





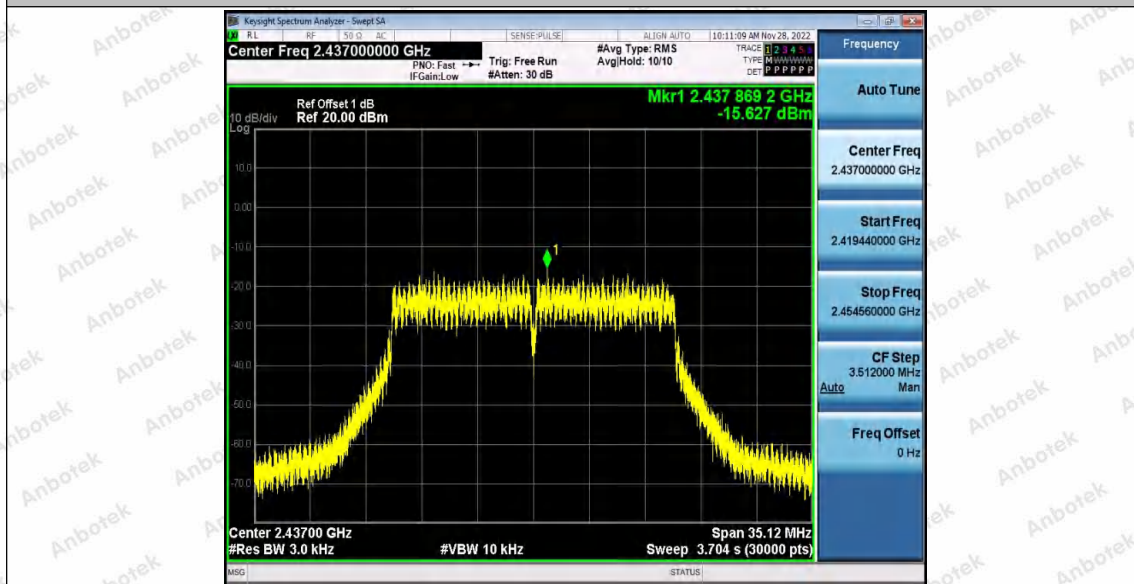
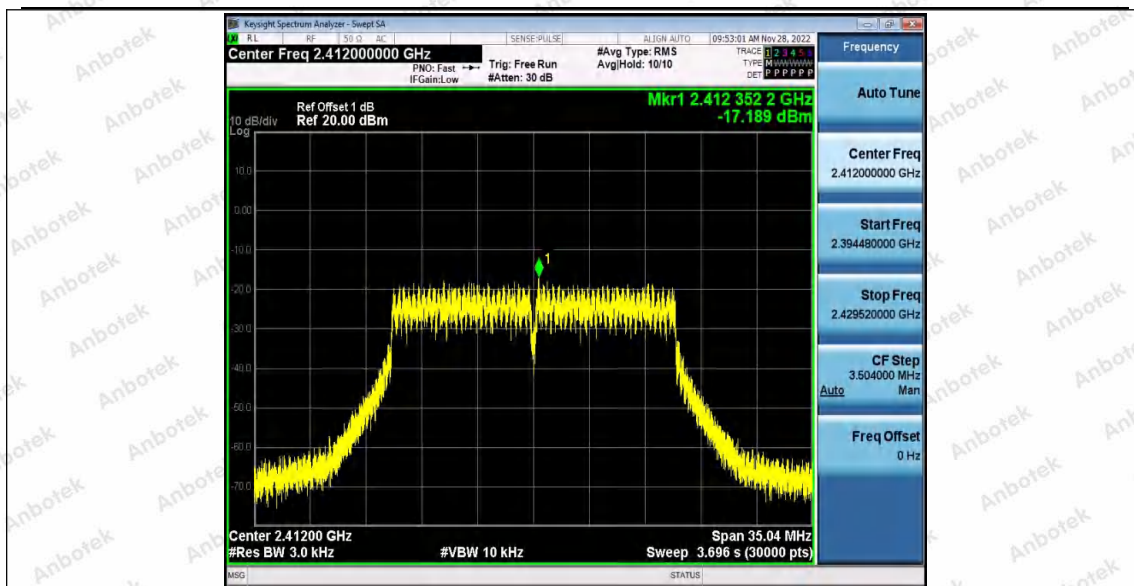
Shenzhen Anbotek Compliance Laboratory Limited

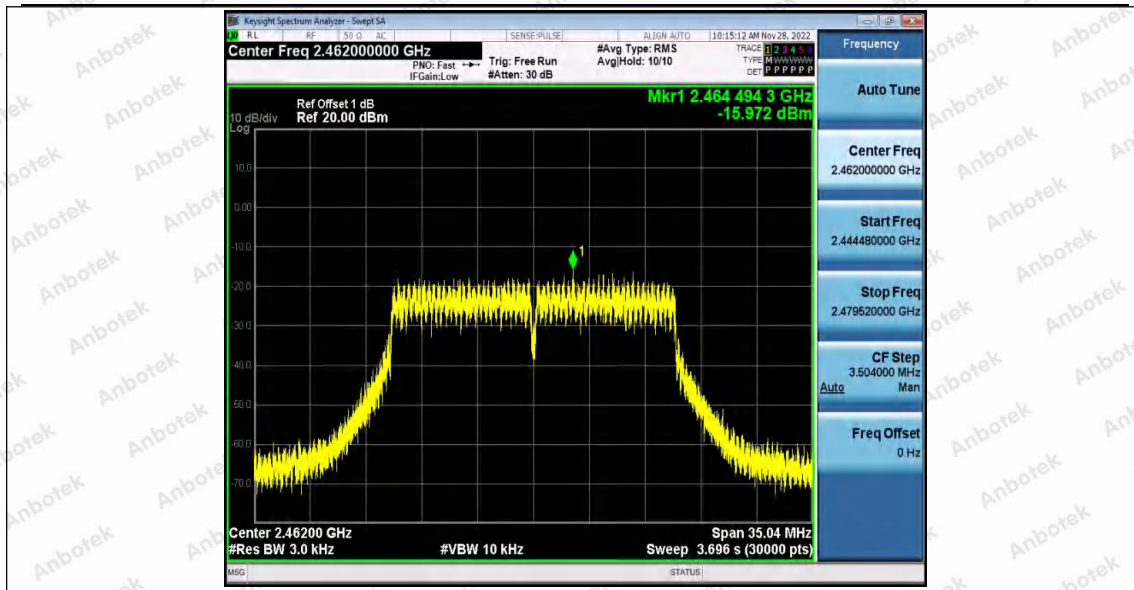
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



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



Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.05	-40.55	≤-13.95	PASS
		High	2462	9.45	-45.93	≤-10.55	PASS
11G	Ant1	Low	2412	-2.81	-40.03	≤-22.81	PASS
		High	2462	-3.13	-52.3	≤-23.13	PASS
11N20	Ant1	Low	2412	-3.29	-41.96	≤-23.29	PASS
		High	2462	-4.10	-49.37	≤-24.1	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

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_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





11G_Ant1_High_2462



11N20_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



Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	4.22	4.22	---	PASS
			30~1000	4.22	-68.43	≤-15.78	PASS
			1000~26500	4.22	-46.55	≤-15.78	PASS
		2437	Reference	8.66	8.66	---	PASS
			30~1000	8.66	-68.8	≤-11.34	PASS
			1000~26500	8.66	-47.69	≤-11.34	PASS
		2462	Reference	8.00	8.00	---	PASS
			30~1000	8.00	-68.64	≤-12	PASS
			1000~26500	8.00	-49.37	≤-12	PASS
11G	Ant1	2412	Reference	-5.79	-5.79	---	PASS
			30~1000	-5.79	-66.99	≤-25.79	PASS
			1000~26500	-5.79	-53.28	≤-25.79	PASS
		2437	Reference	-5.77	-5.77	---	PASS
			30~1000	-5.77	-69.42	≤-25.77	PASS
			1000~26500	-5.77	-53.44	≤-25.77	PASS
		2462	Reference	-4.13	-4.13	---	PASS
			30~1000	-4.13	-68.81	≤-24.13	PASS
			1000~26500	-4.13	-51.93	≤-24.13	PASS
11N20	Ant1	2412	Reference	-3.70	-3.70	---	PASS
			30~1000	-3.70	-68.83	≤-23.7	PASS
			1000~26500	-3.70	-53.88	≤-23.7	PASS
		2437	Reference	-2.21	-2.21	---	PASS
			30~1000	-2.21	-68.03	≤-22.21	PASS
			1000~26500	-2.21	-53.47	≤-22.21	PASS
		2462	Reference	-6.17	-6.17	---	PASS
			30~1000	-6.17	-68.66	≤-26.17	PASS
			1000~26500	-6.17	-52.78	≤-26.17	PASS

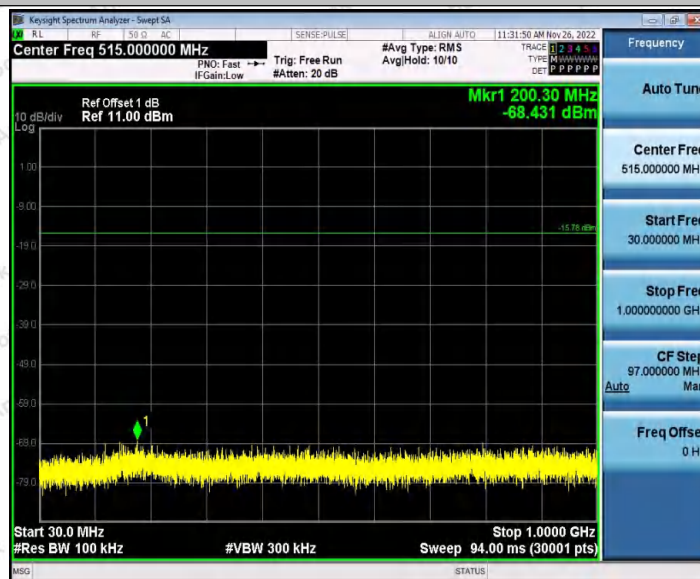


Test Graphs

11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



11B_Ant1_2412_1000~26500

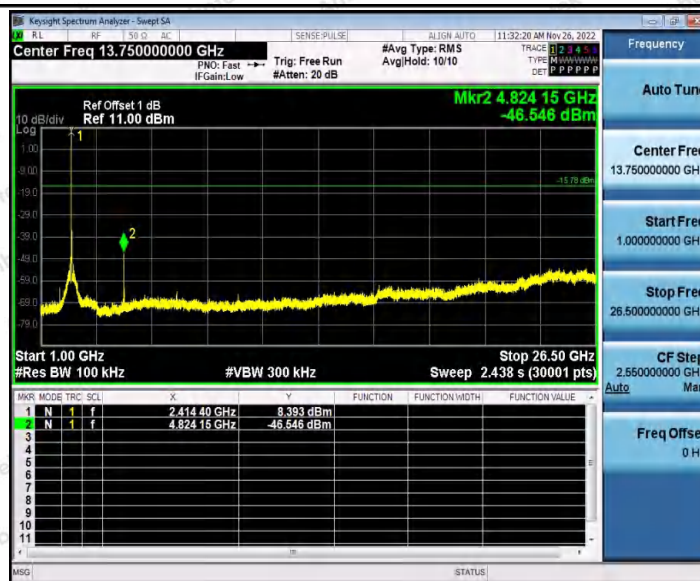
Shenzhen Anbotek Compliance Laboratory Limited

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





11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000

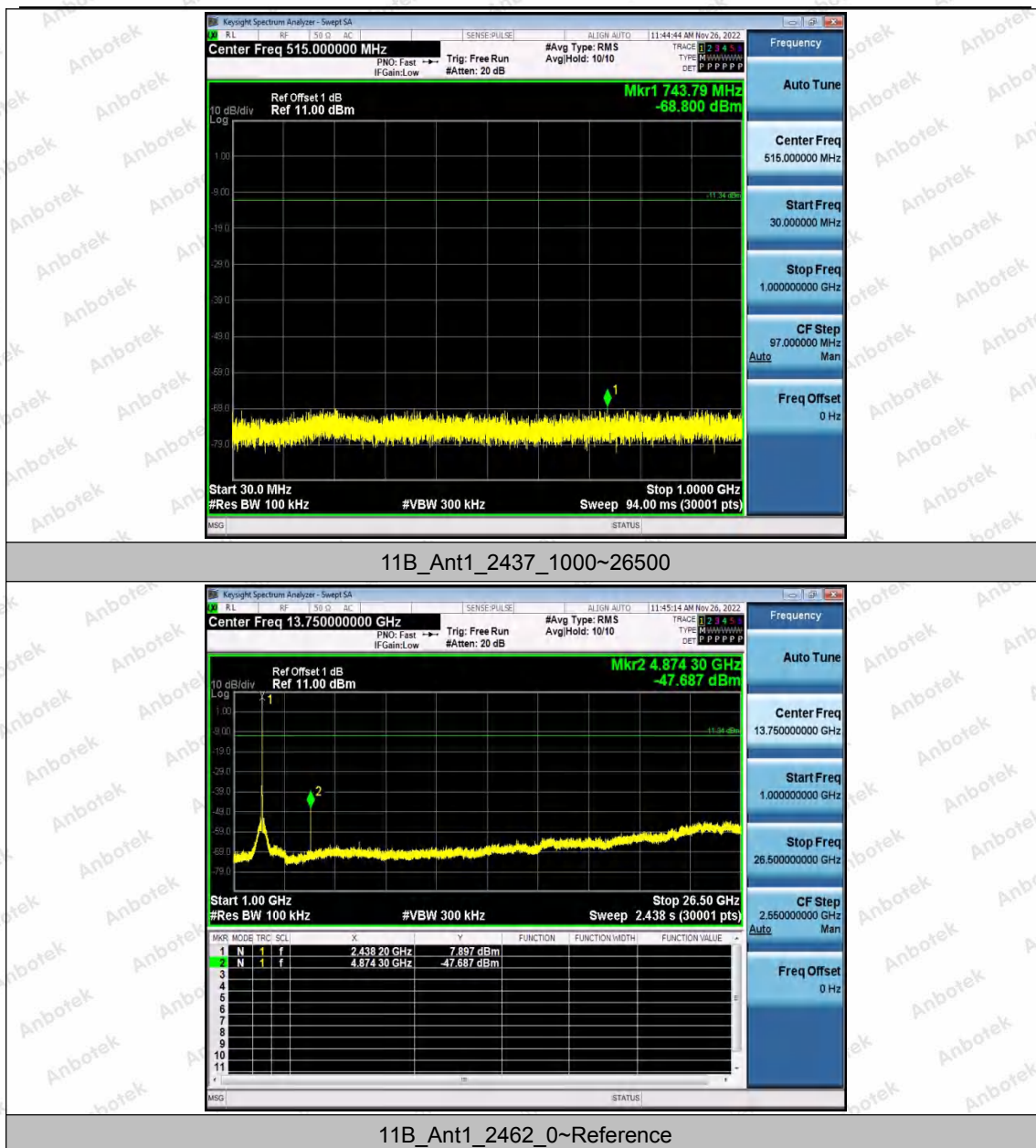
Shenzhen Anbotek Compliance Laboratory Limited

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





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

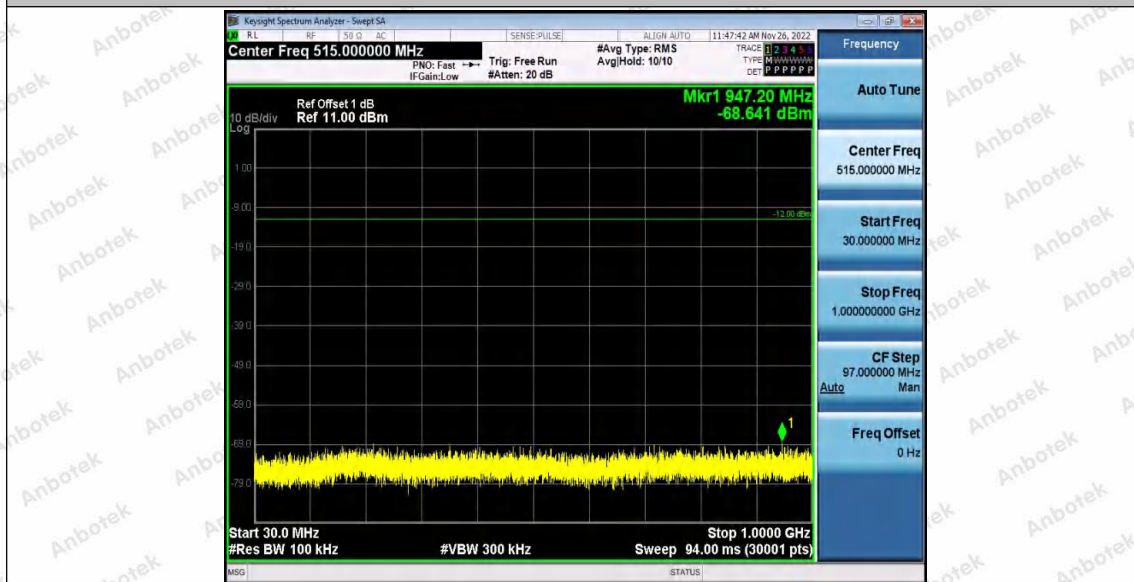


Hotline
400-003-0500
www.anbotek.com.cn



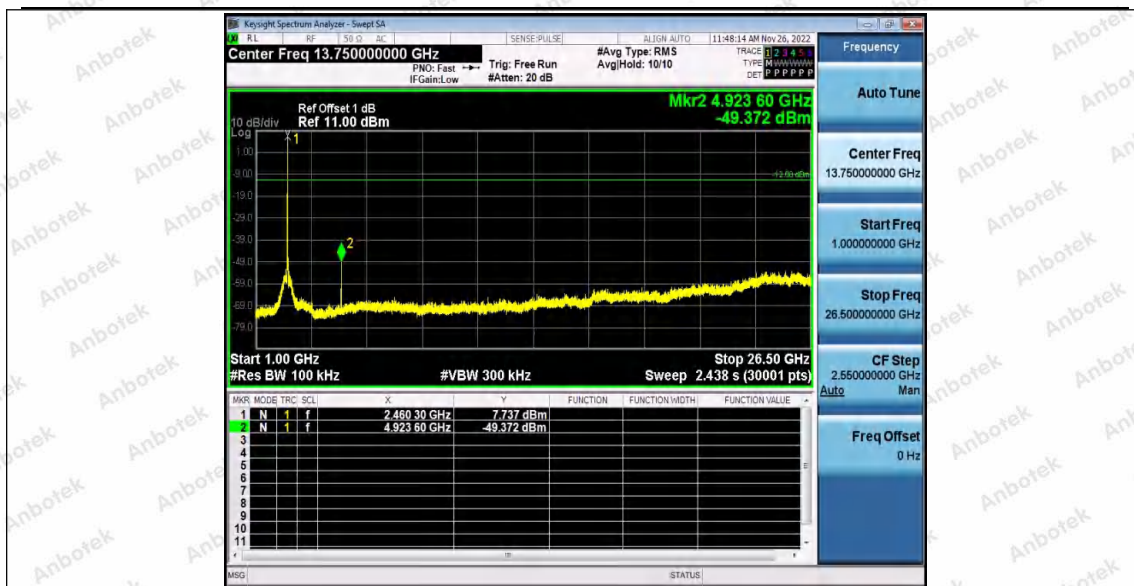


11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500





11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000





11G_Ant1_2412_1000~26500

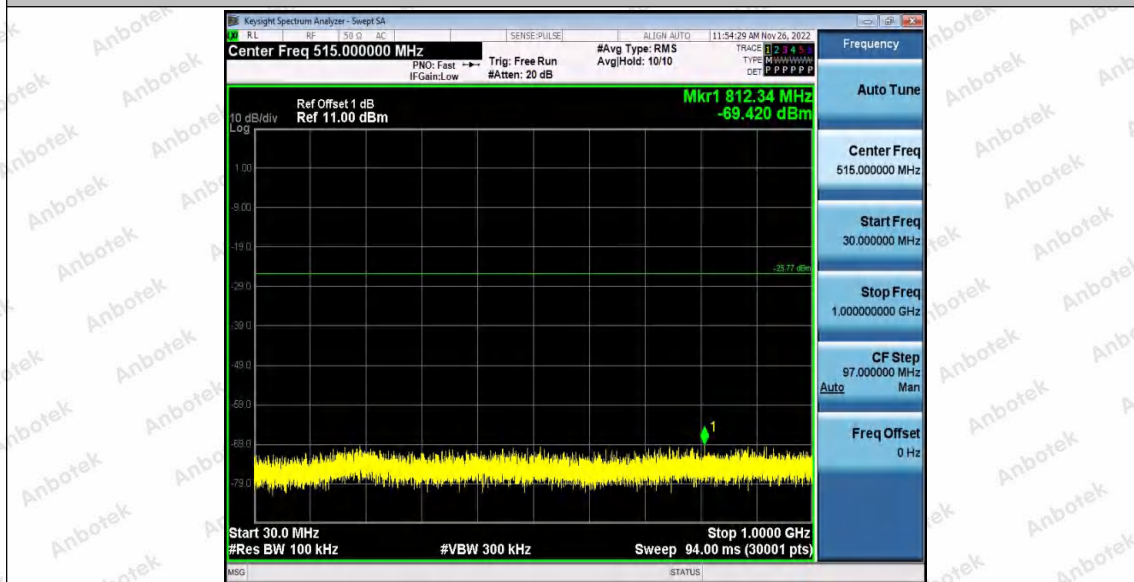


11G_Ant1_2437_0~Reference





11G_Ant1_2437_30~1000



11G_Ant1_2437_1000~26500

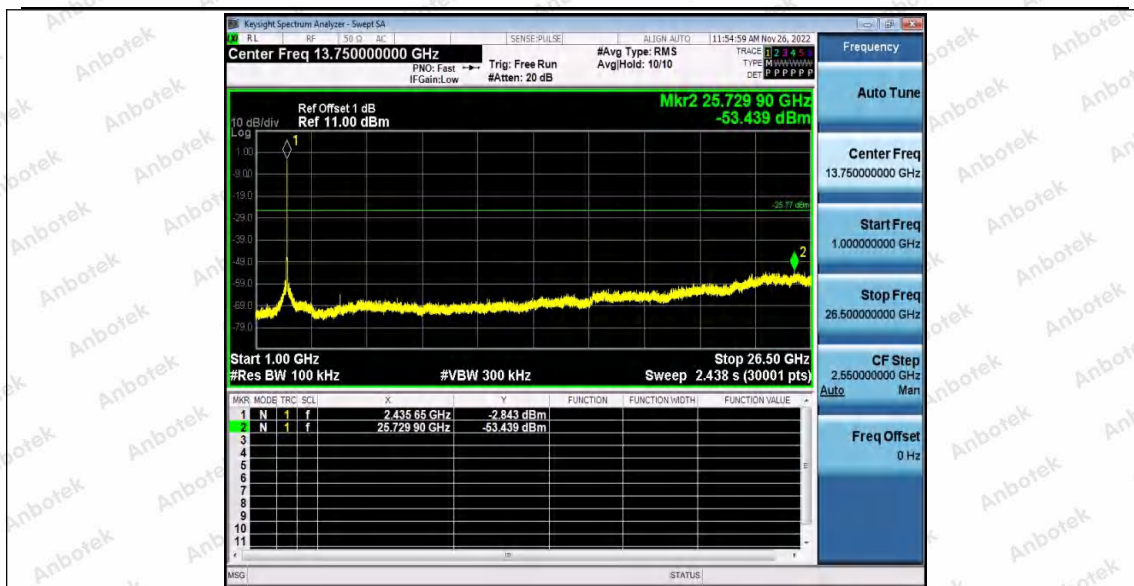
Shenzhen Anbotek Compliance Laboratory Limited

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



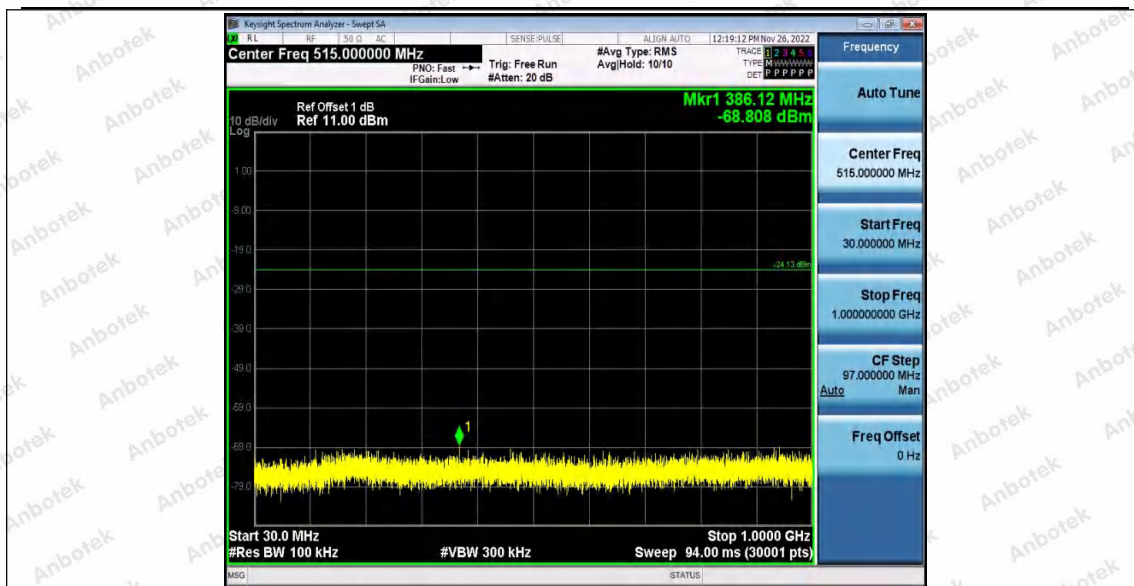


11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000





11G_Ant1_2462_1000~26500

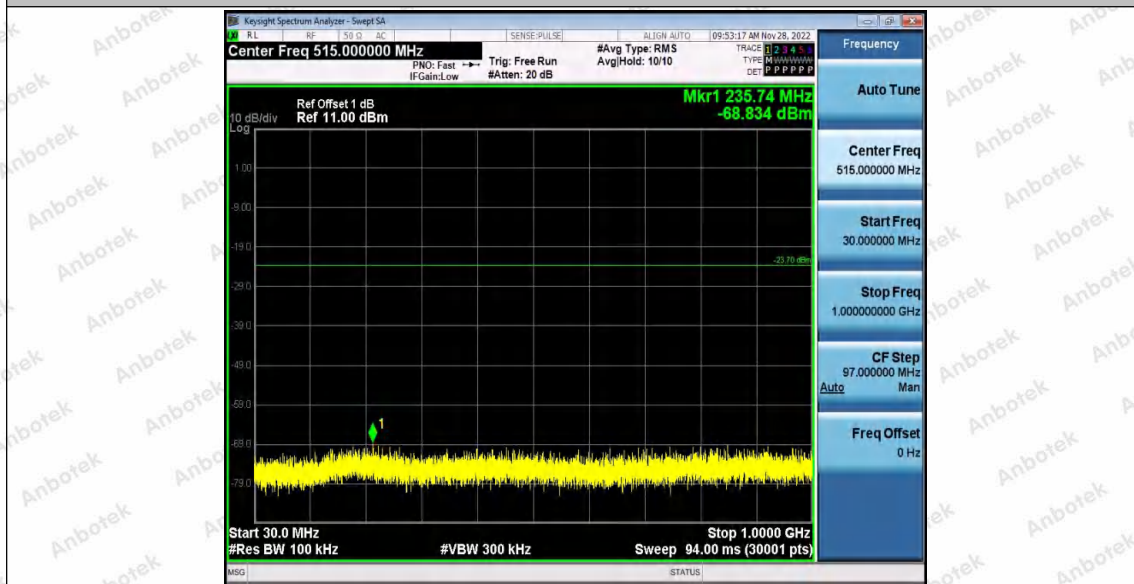


11N20_Ant1_2412_0~Reference





11N20_Ant1_2412_30~1000



11N20_Ant1_2412_1000~26500

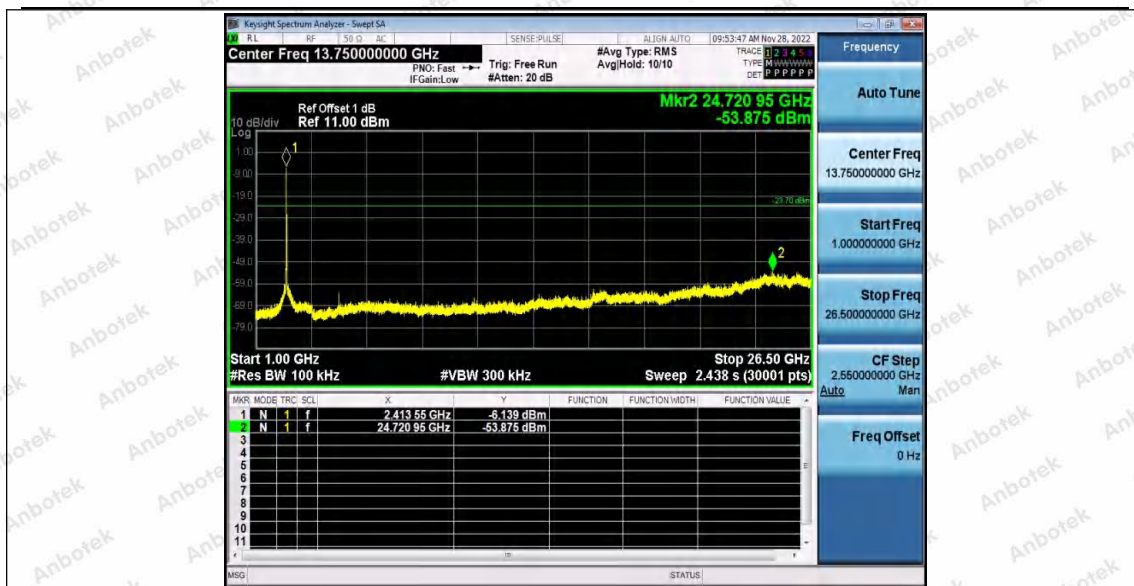
Shenzhen Anbotek Compliance Laboratory Limited

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



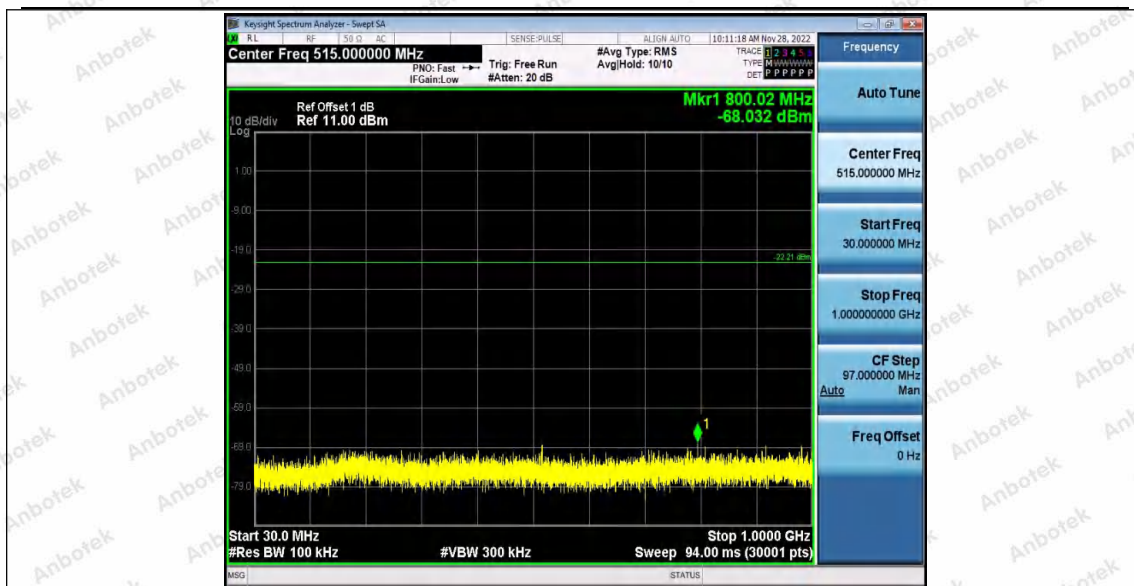


11N20_Ant1_2437_0~Reference



11N20_Ant1_2437_30~1000





11N20_Ant1_2437_1000~26500

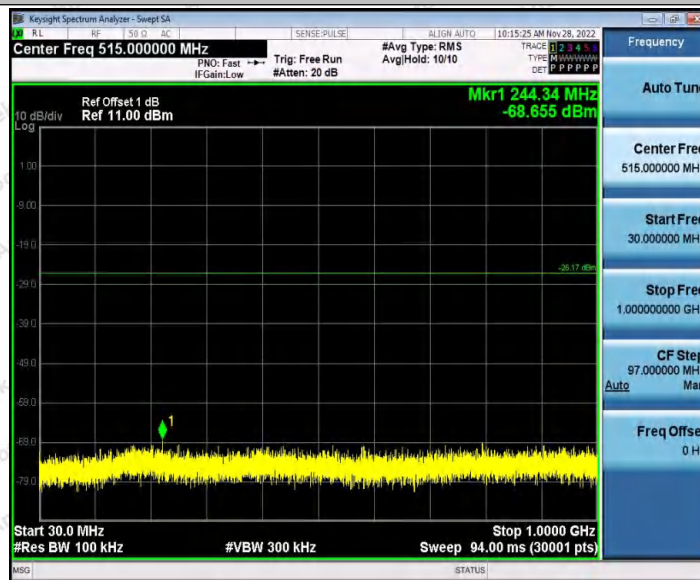


11N20_Ant1_2462_0~Reference





11N20_Ant1_2462_30~1000



11N20_Ant1_2462_1000~26500

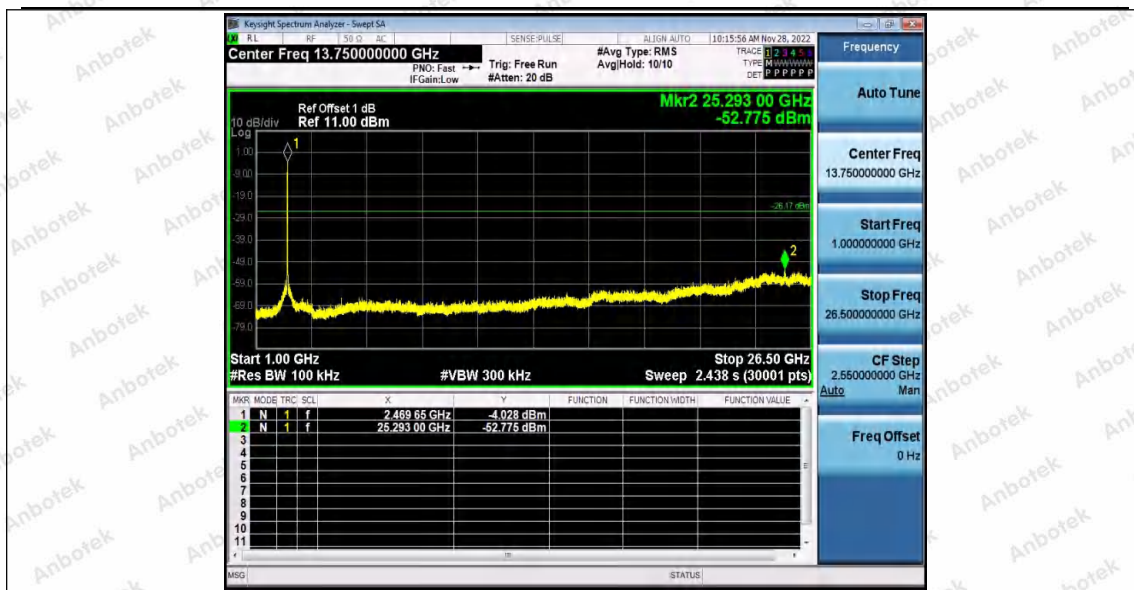
Shenzhen Anbotek Compliance Laboratory Limited

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



**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



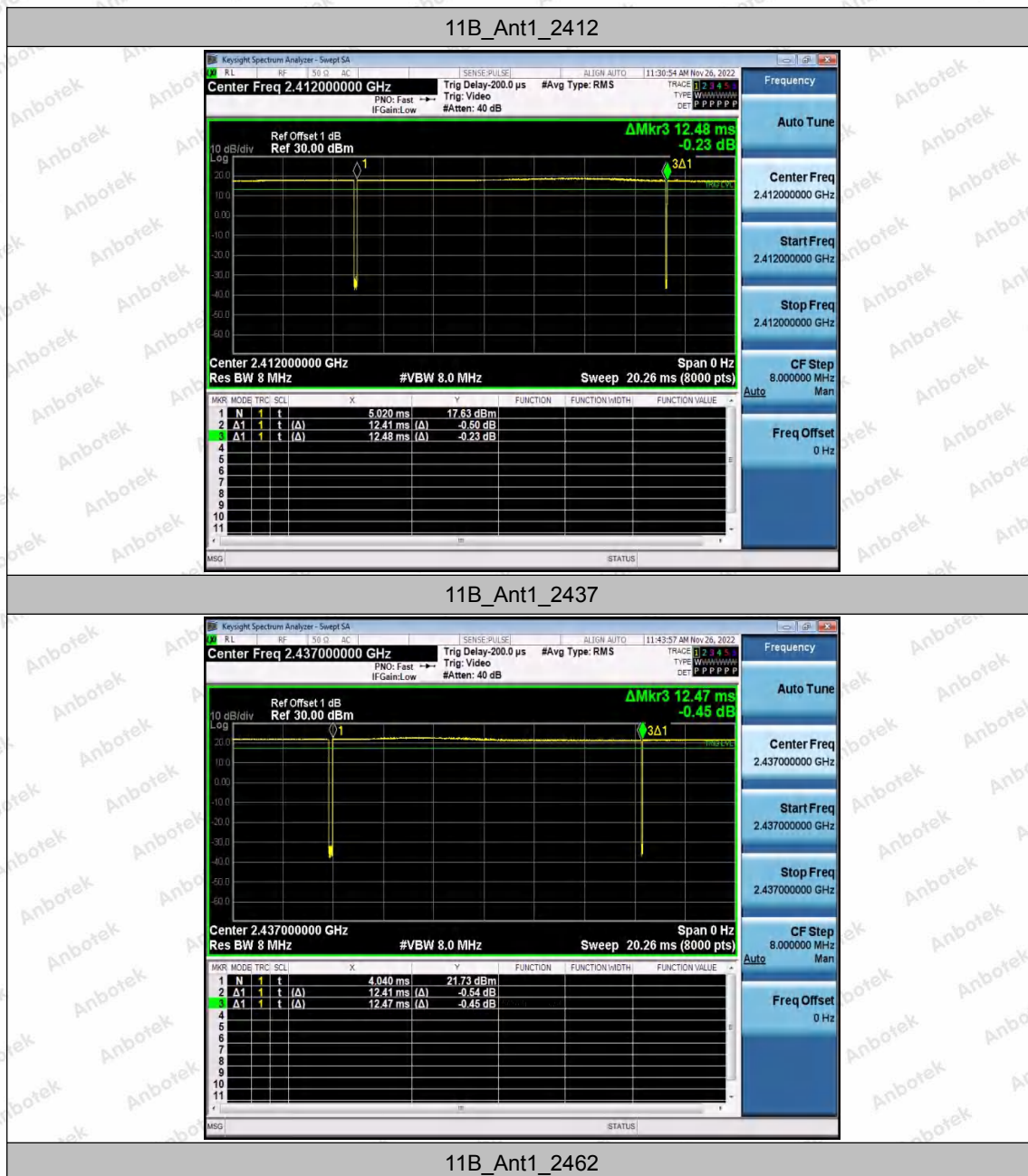
Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2412	12.41	12.48	99.44	0.02
		2437	12.41	12.47	99.52	0.02
		2462	12.42	12.57	98.81	0.05
11G	Ant1	2412	2.06	2.23	92.38	0.34
		2437	2.06	2.23	92.38	0.34
		2462	2.06	2.24	91.96	0.36
11N20	Ant1	2412	1.92	2.05	93.66	0.28
		2437	1.92	2.06	93.20	0.31
		2462	1.92	2.09	91.87	0.37



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

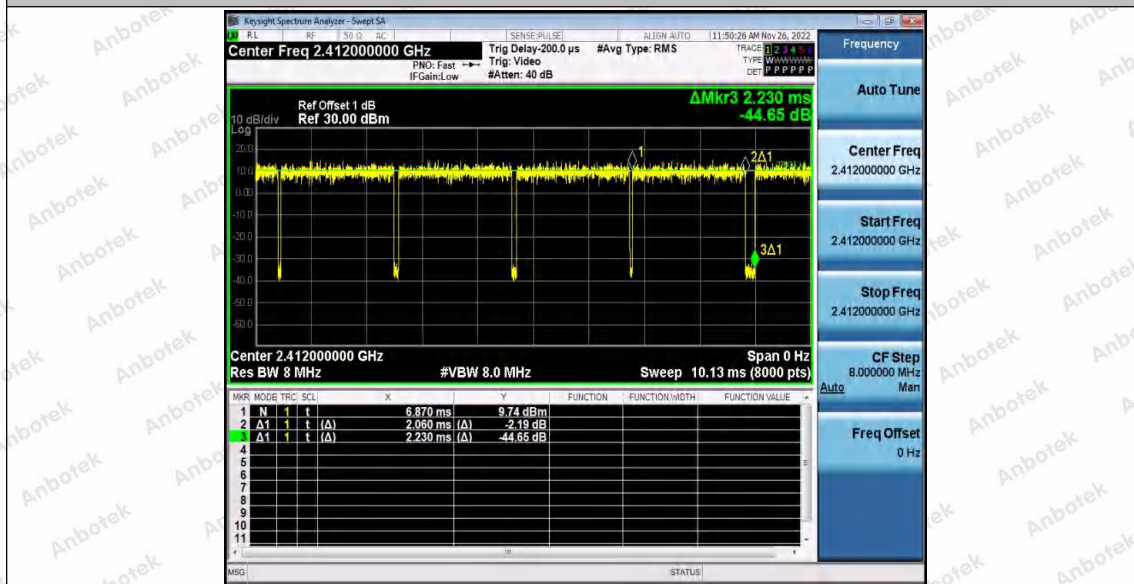


Hotline
400-003-0500
www.anbotek.com.cn



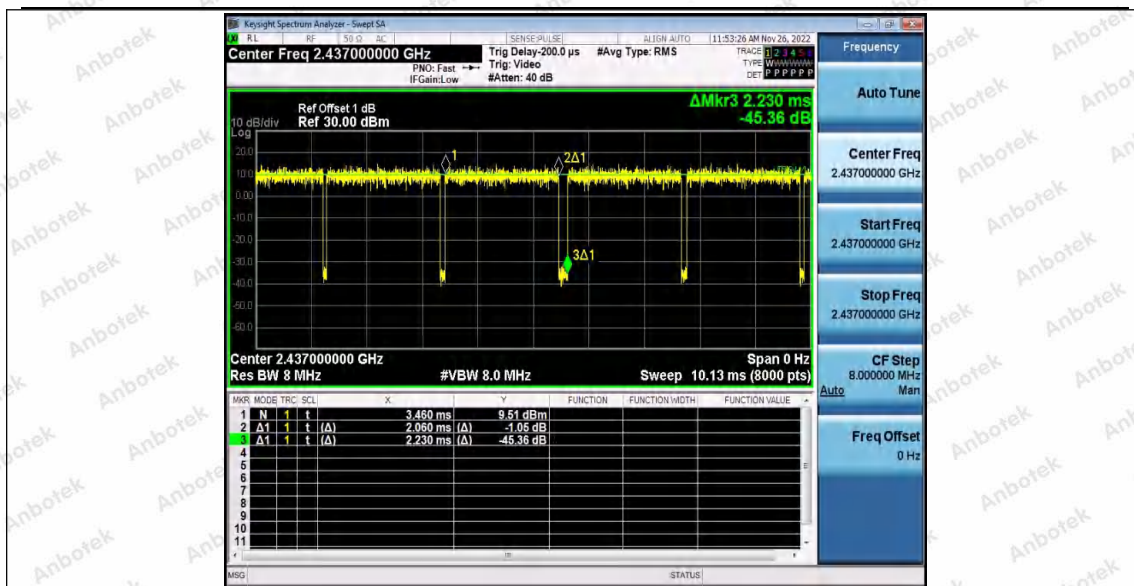


11G_Ant1_2412

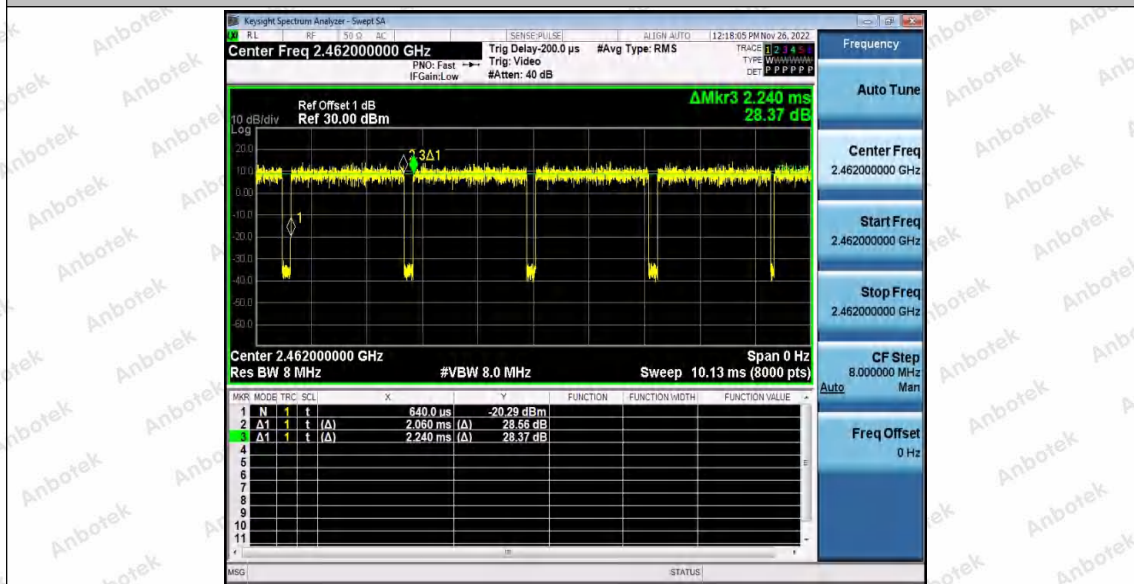


11G_Ant1_2437



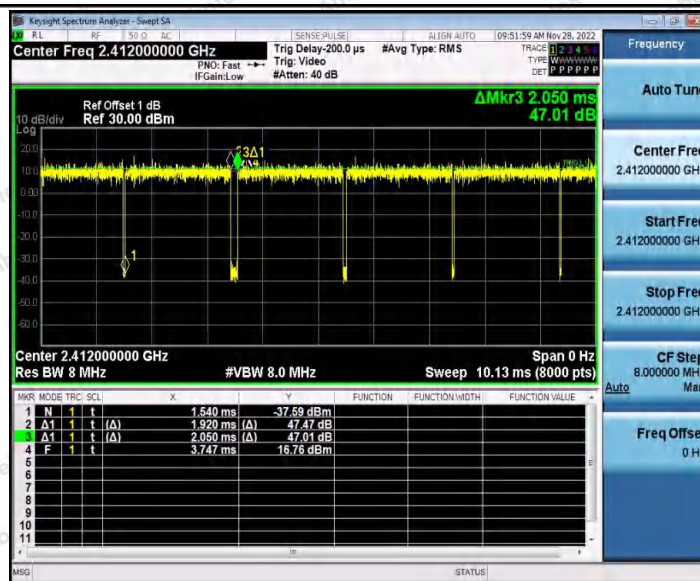


11G_Ant1_2462

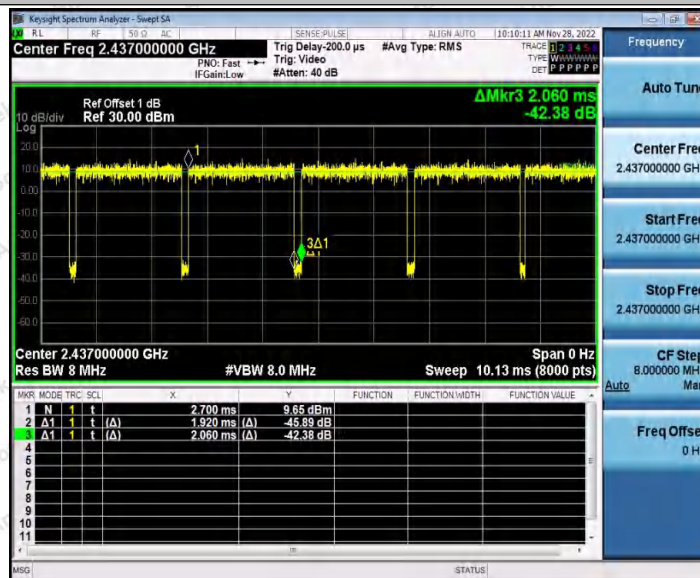


11N20_Ant1_2412



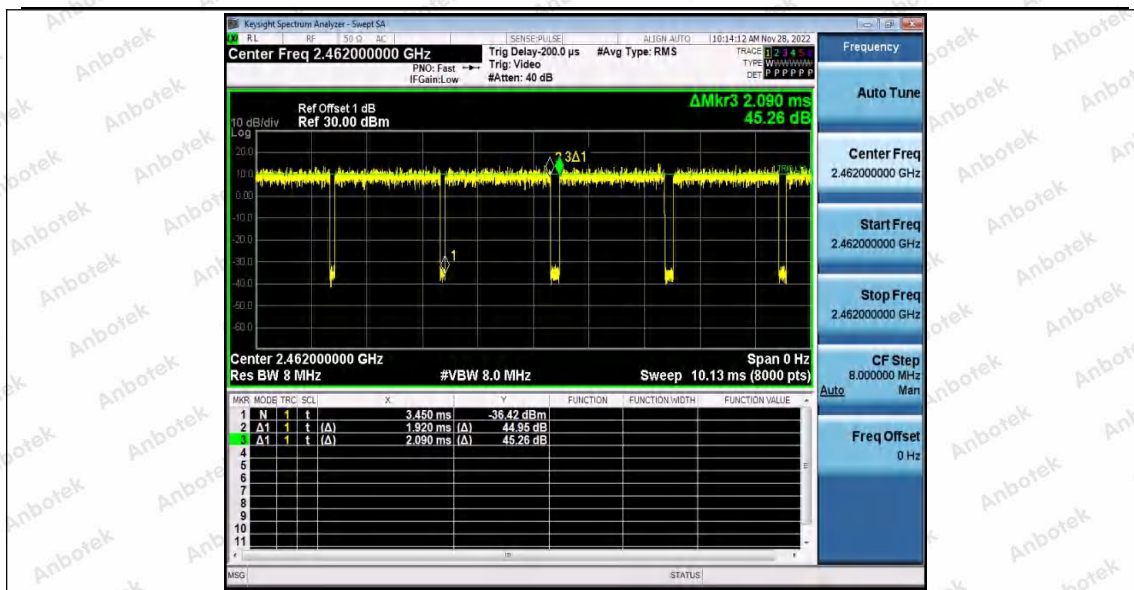


11N20_Ant1_2437



11N20_Ant1_2462





---End---

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

