

Appendix Test Data

Report No.:	18220WC20232001	Test Sample No.:	1-2-2
Start Test Date:	2022.9.27	Finish Test Date:	2022.10.8
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	27.3°C	Relative Humidity:	47 %
Pressure:	1012 hPa		

Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.040	2407.480	2416.520	≥0.5	PASS
		2437	9.040	2432.480	2441.520	≥0.5	PASS
		2462	9.040	2457.480	2466.520	≥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	16.320	2453.840	2470.160	≥0.5	PASS
11N20	Ant1	2412	17.560	2403.240	2420.800	≥0.5	PASS
		2437	17.600	2428.200	2445.800	≥0.5	PASS
		2462	17.600	2453.200	2470.800	≥0.5	PASS
11N40	Ant1	2422	35.760	2404.120	2439.880	≥0.5	PASS
		2437	35.760	2419.120	2454.880	≥0.5	PASS
		2452	35.820	2434.120	2469.940	≥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

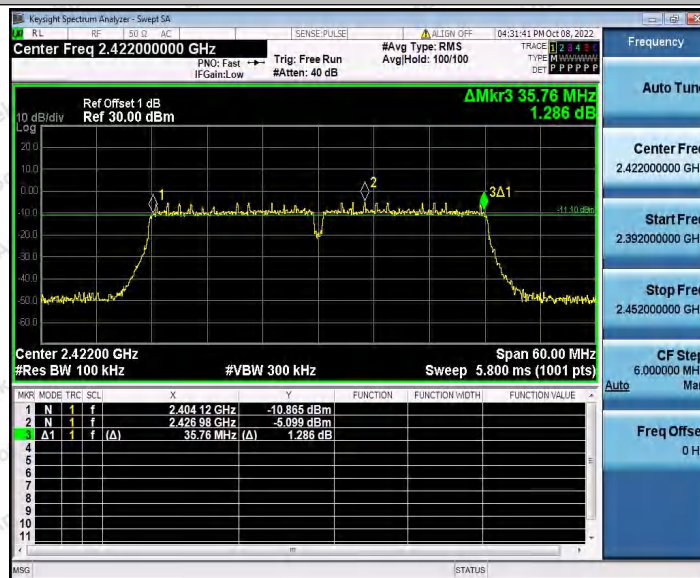


Hotline
400-003-0500
www.anbotek.com.cn



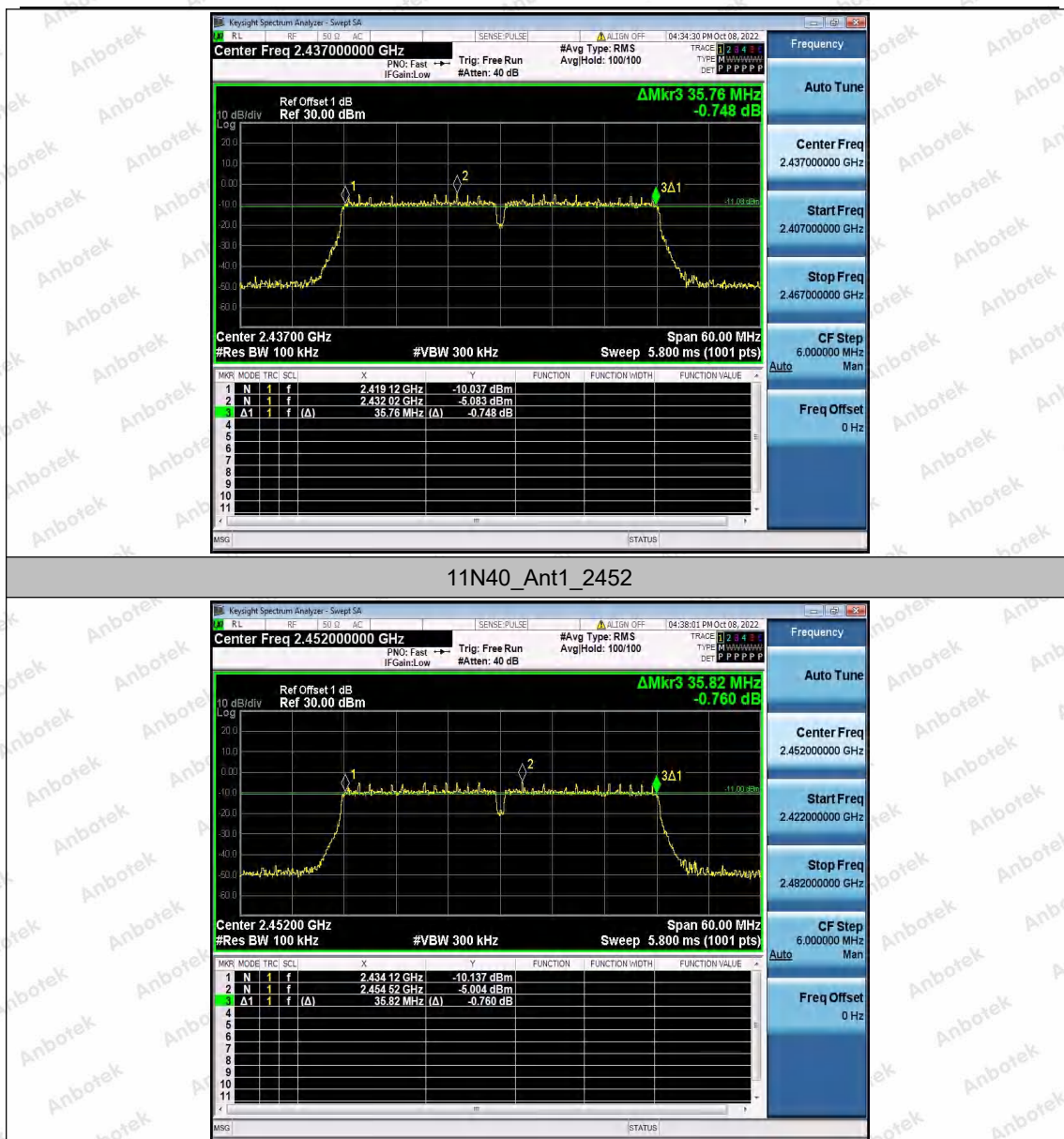


11N40_Ant1_2422



11N40_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



Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11B	Ant1	2412	12.270	2405.9266	2418.1966
		2437	12.297	2430.8926	2443.1896
		2462	12.305	2455.8789	2468.1839
11G	Ant1	2412	17.050	2403.5227	2420.5727
		2437	17.047	2428.5259	2445.5729
		2462	17.056	2453.4825	2470.5385
11N20	Ant1	2412	18.008	2403.0291	2421.0371
		2437	17.913	2428.0650	2445.9780
		2462	17.997	2453.0145	2471.0115
11N40	Ant1	2422	36.206	2403.9606	2440.1666
		2437	36.155	2418.9659	2455.1209
		2452	36.231	2433.9313	2470.1623



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

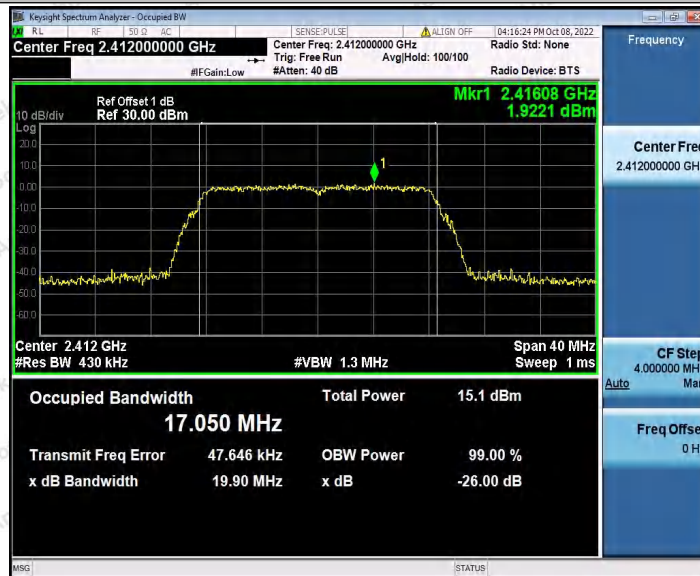


Hotline
400-003-0500
www.anbotek.com.cn





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



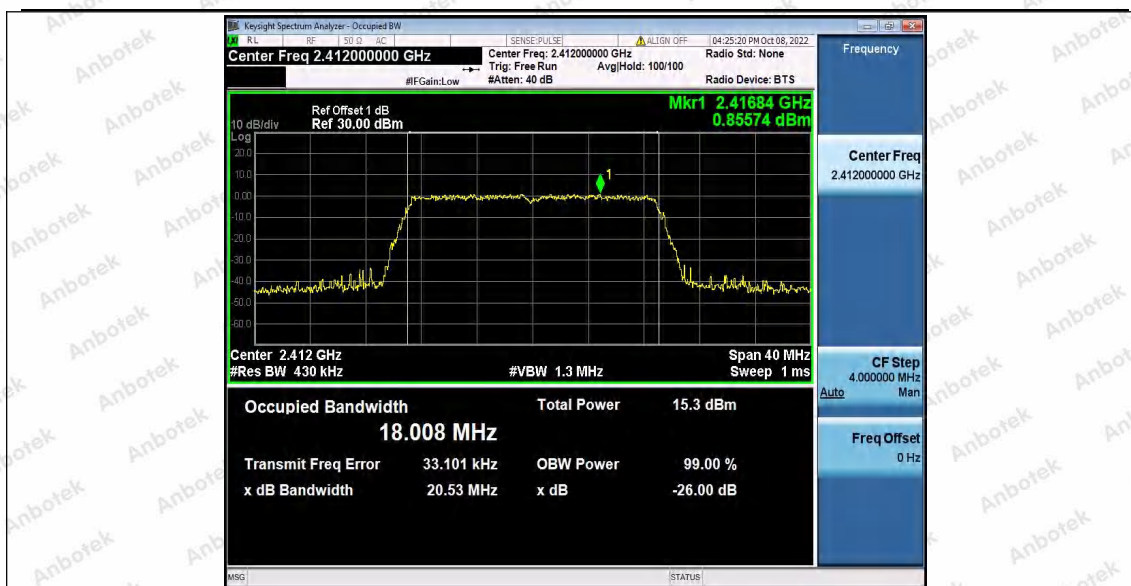


11G_Ant1_2462

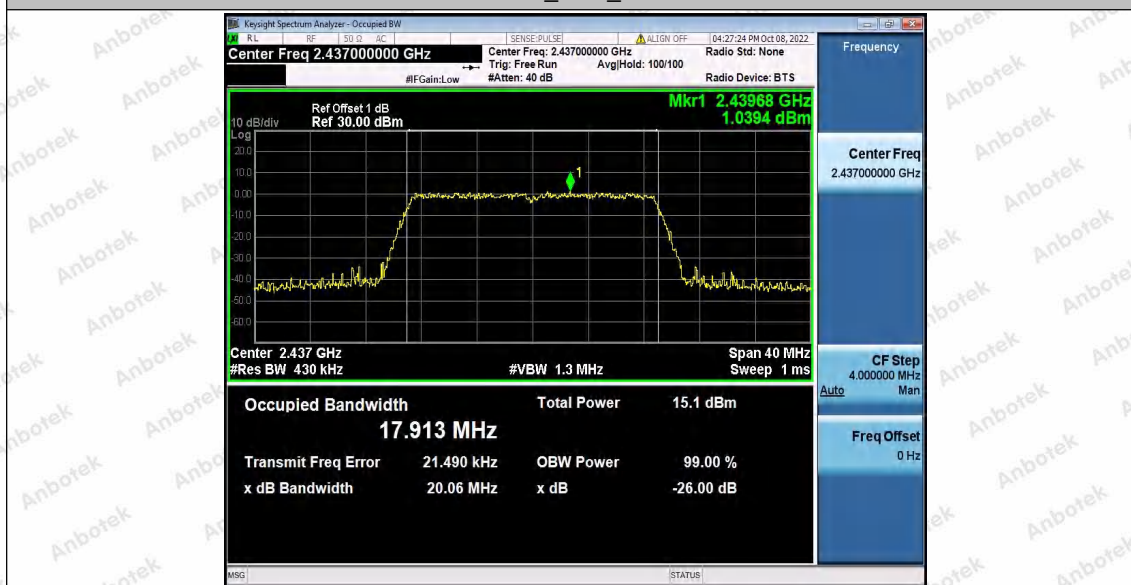


11N20_Ant1_2412





11N20_Ant1_2437

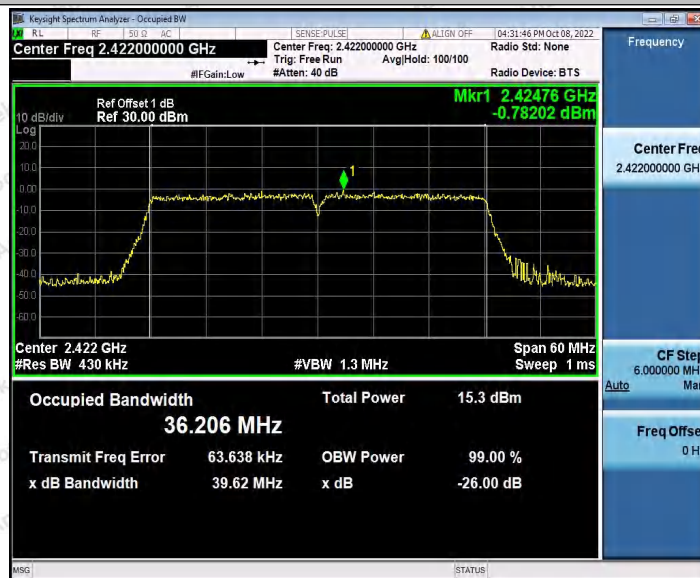


11N20_Ant1_2462





11N40_Ant1_2422



11N40_Ant1_2437

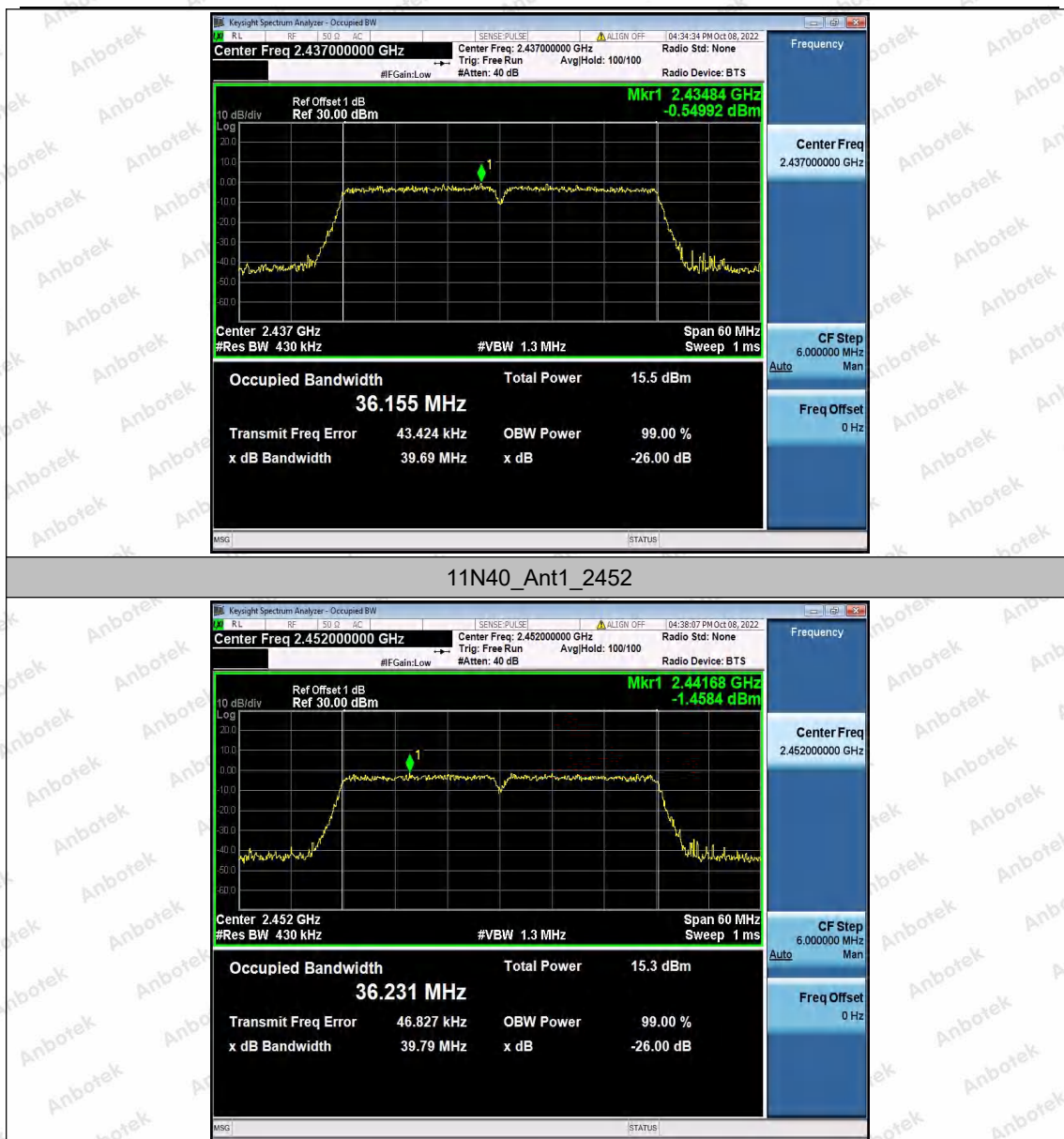
Shenzhen Anbotek Compliance Laboratory Limited

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 C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Peak Power[dBm]	Conducted Limit[dBm]
11B	Ant1	2412	16.65	≤30.00
		2437	16.95	≤30.00
		2462	16.87	≤30.00
11G	Ant1	2412	16.40	≤30.00
		2437	16.45	≤30.00
		2462	16.52	≤30.00
11N20	Ant1	2412	16.49	≤30.00
		2437	16.51	≤30.00
		2462	16.59	≤30.00
11N40	Ant1	2422	13.98	≤30.00
		2437	14.02	≤30.00
		2452	13.96	≤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	-9.2	≤8.00	PASS
		2437	-8.2	≤8.00	PASS
		2462	1.67	≤8.00	PASS
11G	Ant1	2412	-15.33	≤8.00	PASS
		2437	-15.57	≤8.00	PASS
		2462	-15.86	≤8.00	PASS
11N20	Ant1	2412	-15.02	≤8.00	PASS
		2437	-16.22	≤8.00	PASS
		2462	-16.6	≤8.00	PASS
11N40	Ant1	2422	-19.28	≤8.00	PASS
		2437	-17.99	≤8.00	PASS
		2452	-18.23	≤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

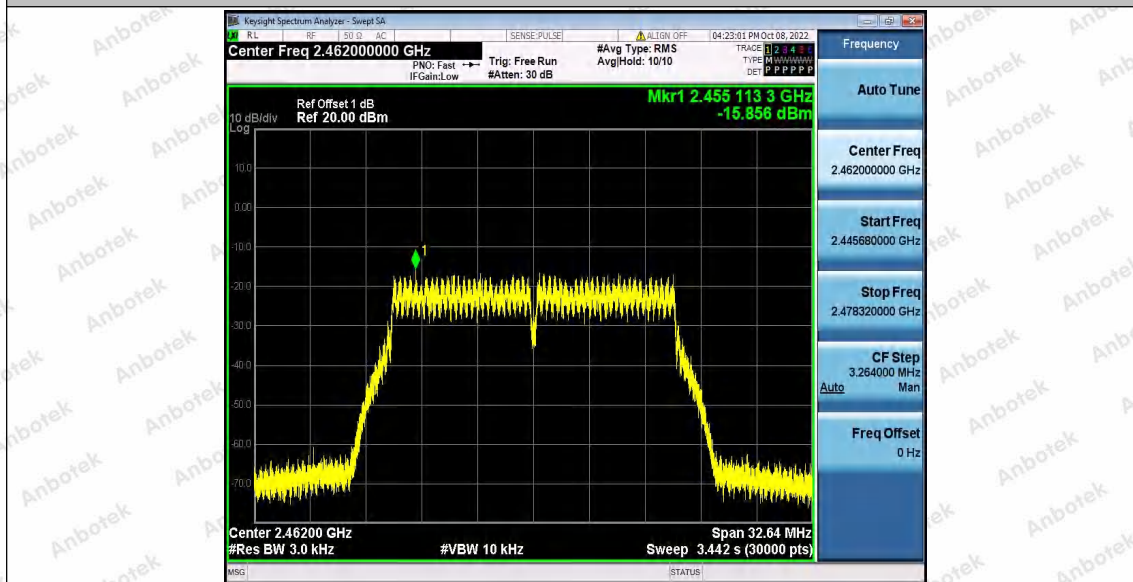


Hotline
400-003-0500
www.anbotek.com.cn



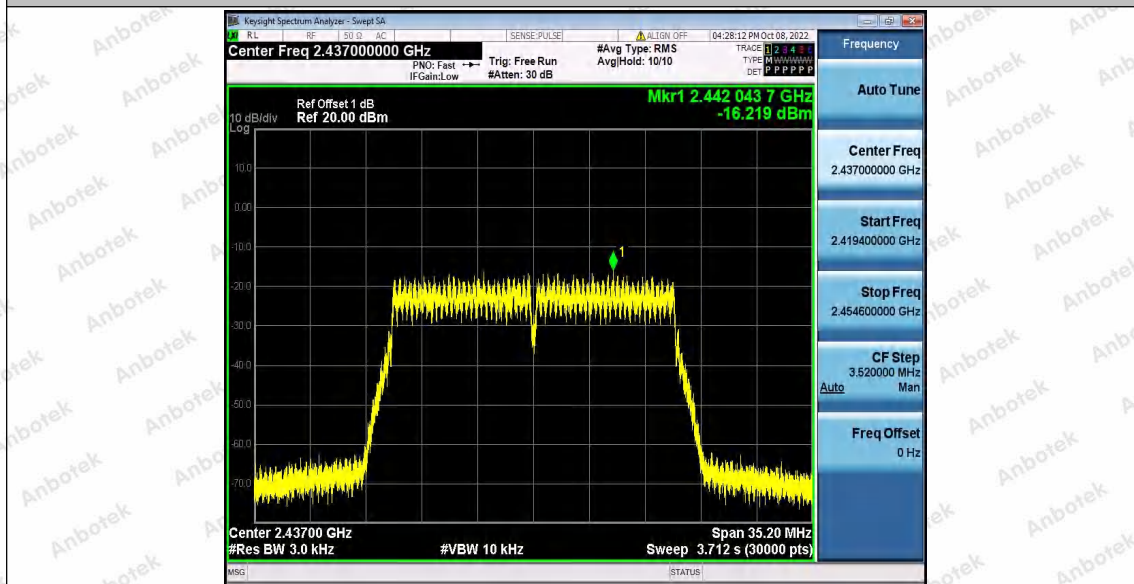
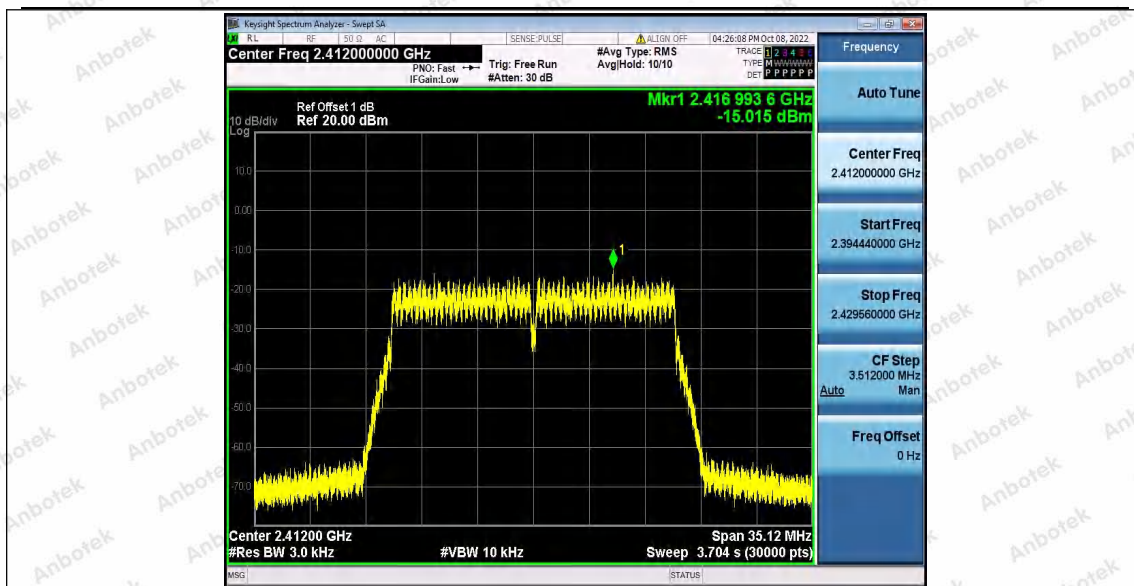


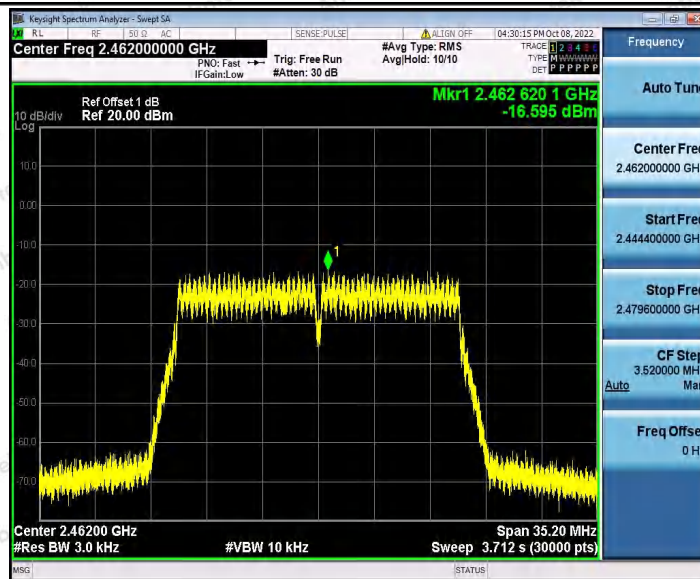
11G_Ant1_2462



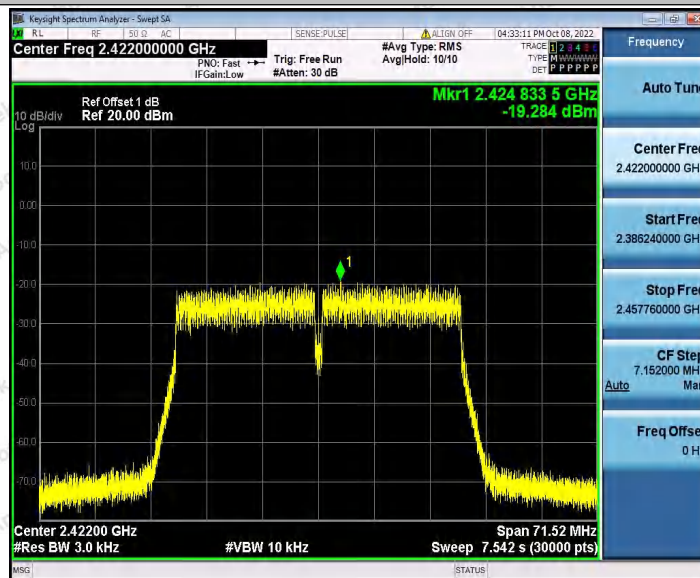
11N20_Ant1_2412







11N40_Ant1_2422



11N40_Ant1_2437

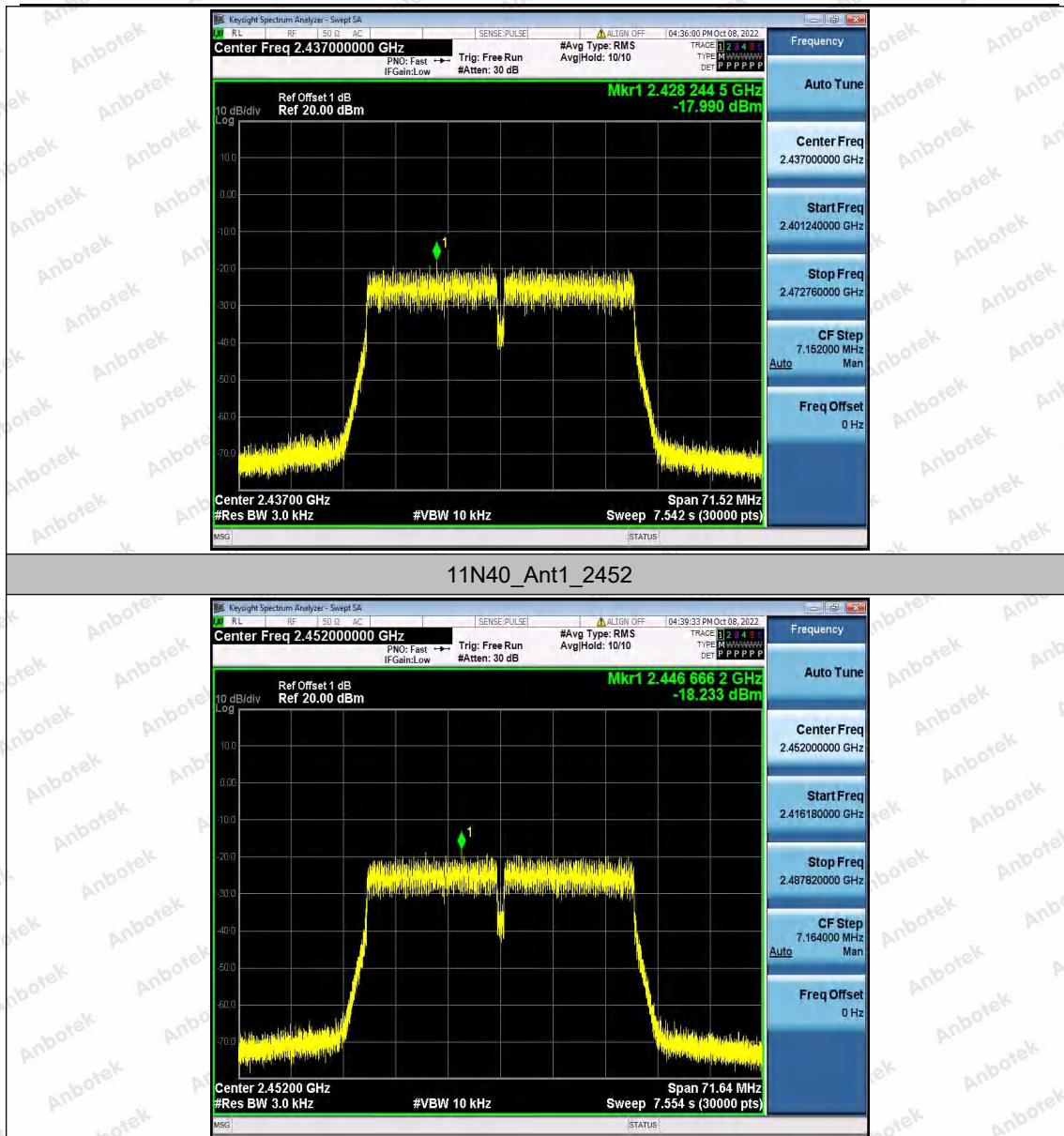
Shenzhen Anbotek Compliance Laboratory Limited

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

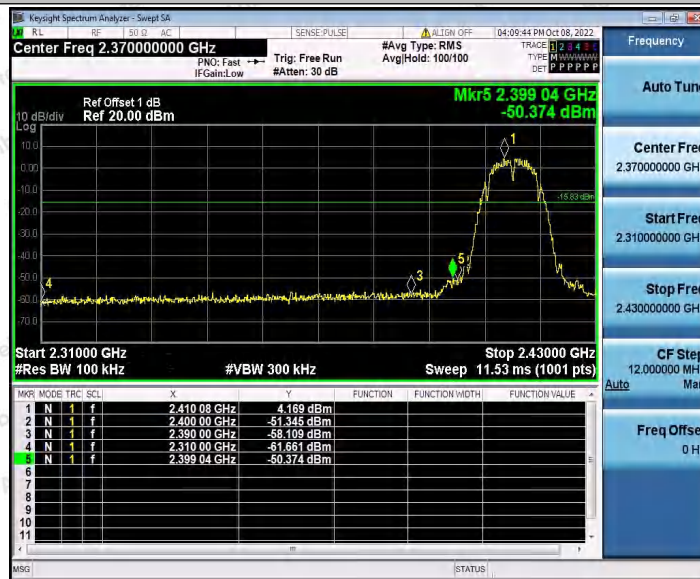
Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.17	-50.37	≤-15.83	PASS
		High	2462	4.47	-55.66	≤-15.53	PASS
11G	Ant1	Low	2412	-2.59	-48.11	≤-22.59	PASS
		High	2462	-2.16	-54.08	≤-22.16	PASS
11N20	Ant1	Low	2412	-2.36	-46.05	≤-22.36	PASS
		High	2462	-2.33	-53.27	≤-22.33	PASS
11N40	Ant1	Low	2422	-5.17	-49.62	≤-25.17	PASS
		High	2452	-4.89	-48.73	≤-24.89	PASS



Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412

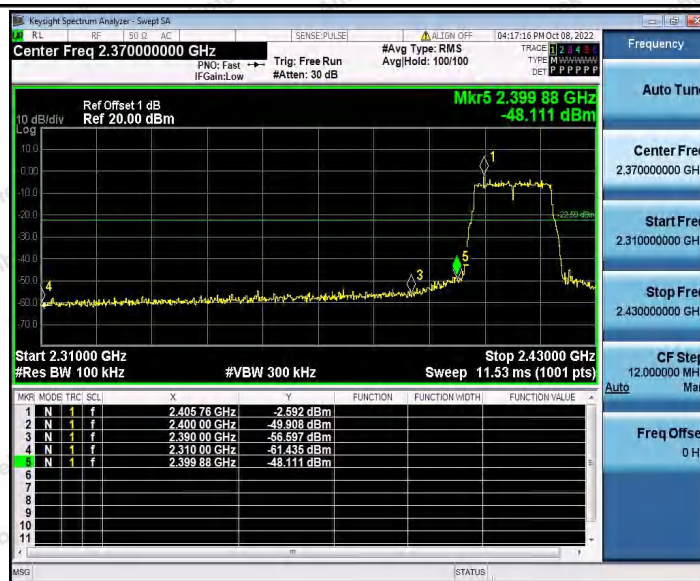
Shenzhen Anbotek Compliance Laboratory Limited

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





11N20_Ant1_High_2462



11N40_Ant1_Low_2422

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	4.26	4.26	---	PASS
			30~1000	4.26	-69.45	≤ -15.74	PASS
			1000~26500	4.26	-53.38	≤ -15.74	PASS
		2437	Reference	5.44	5.44	---	PASS
			30~1000	5.44	-69.21	≤ -14.56	PASS
			1000~26500	5.44	-53.84	≤ -14.56	PASS
		2462	Reference	3.89	3.89	---	PASS
			30~1000	3.89	-68.95	≤ -16.11	PASS
			1000~26500	3.89	-53.93	≤ -16.11	PASS
11G	Ant1	2412	Reference	-5.69	-5.69	---	PASS
			30~1000	-5.69	-69.01	≤ -25.69	PASS
			1000~26500	-5.69	-53.67	≤ -25.69	PASS
		2437	Reference	-5.46	-5.46	---	PASS
			30~1000	-5.46	-69.87	≤ -25.46	PASS
			1000~26500	-5.46	-53.71	≤ -25.46	PASS
		2462	Reference	-5.15	-5.15	---	PASS
			30~1000	-5.15	-68.58	≤ -25.15	PASS
			1000~26500	-5.15	-52.82	≤ -25.15	PASS
11N20	Ant1	2412	Reference	-5.51	-5.51	---	PASS
			30~1000	-5.51	-69.14	≤ -25.51	PASS
			1000~26500	-5.51	-52.78	≤ -25.51	PASS
		2437	Reference	-4.68	-4.68	---	PASS
			30~1000	-4.68	-69.08	≤ -24.68	PASS
			1000~26500	-4.68	-53.77	≤ -24.68	PASS
		2462	Reference	-2.34	-2.34	---	PASS
			30~1000	-2.34	-69.08	≤ -22.34	PASS
			1000~26500	-2.34	-50.2	≤ -22.34	PASS
11N40	Ant1	2422	Reference	-5.21	-5.21	---	PASS
			30~1000	-5.21	-69.02	≤ -25.21	PASS
			1000~26500	-5.21	-51.5	≤ -25.21	PASS
		2437	Reference	-5.26	-5.26	---	PASS
			30~1000	-5.26	-68.65	≤ -25.26	PASS
			1000~26500	-5.26	-54.26	≤ -25.26	PASS
		2452	Reference	-5.16	-5.16	---	PASS
			30~1000	-5.16	-69.34	≤ -25.16	PASS
			1000~26500	-5.16	-53.52	≤ -25.16	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

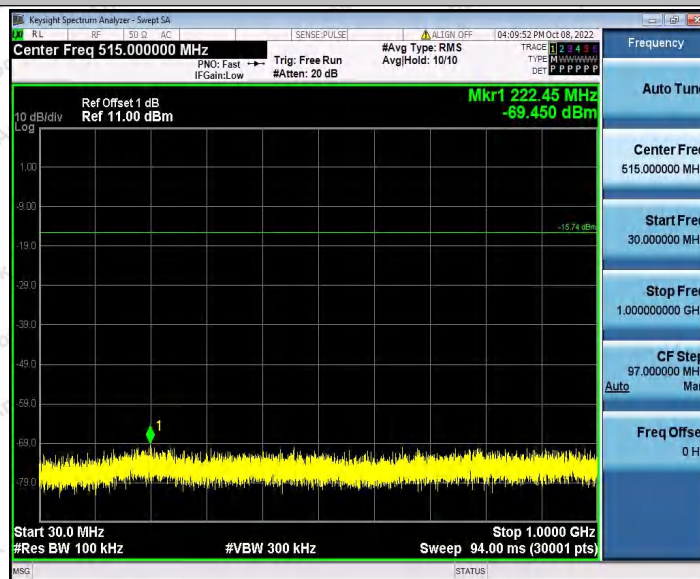


Test Graphs

11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



11B_Ant1_2412_1000~26500

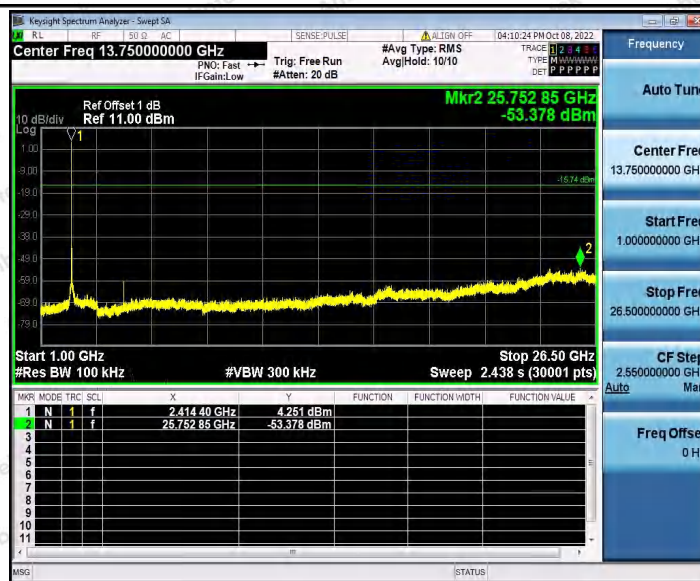
Shenzhen Anbotek Compliance Laboratory Limited

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

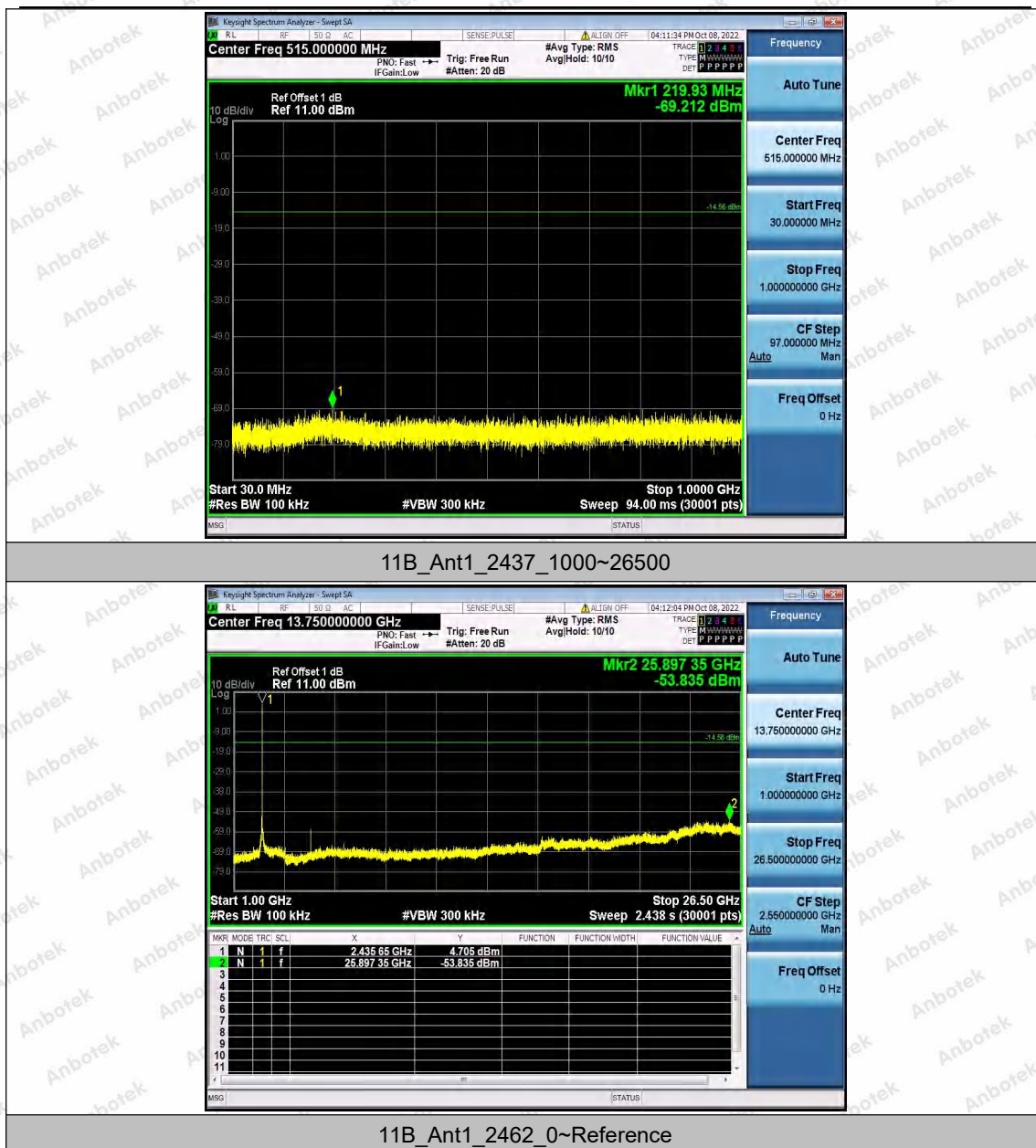
Shenzhen Anbotek Compliance Laboratory Limited

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

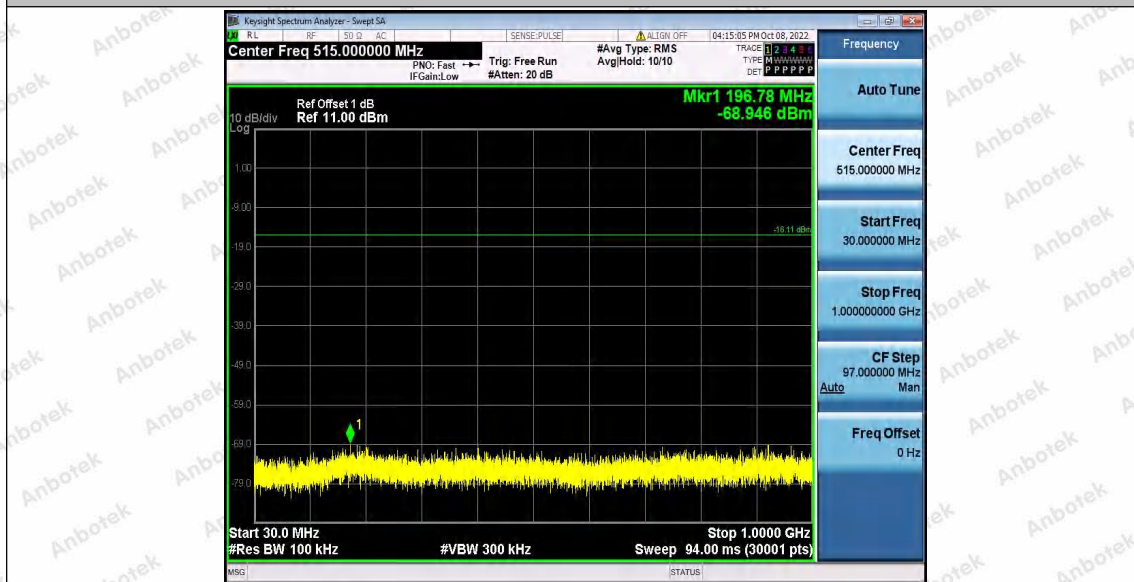


Hotline
400-003-0500
www.anbotek.com.cn



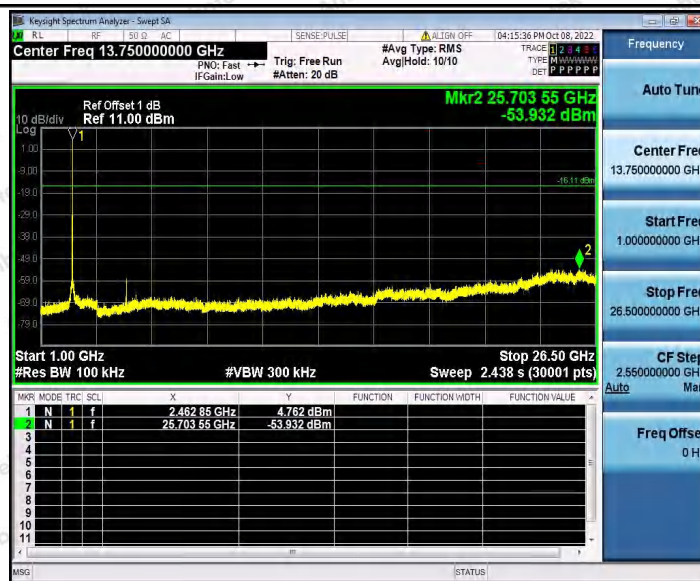


11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500





11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000

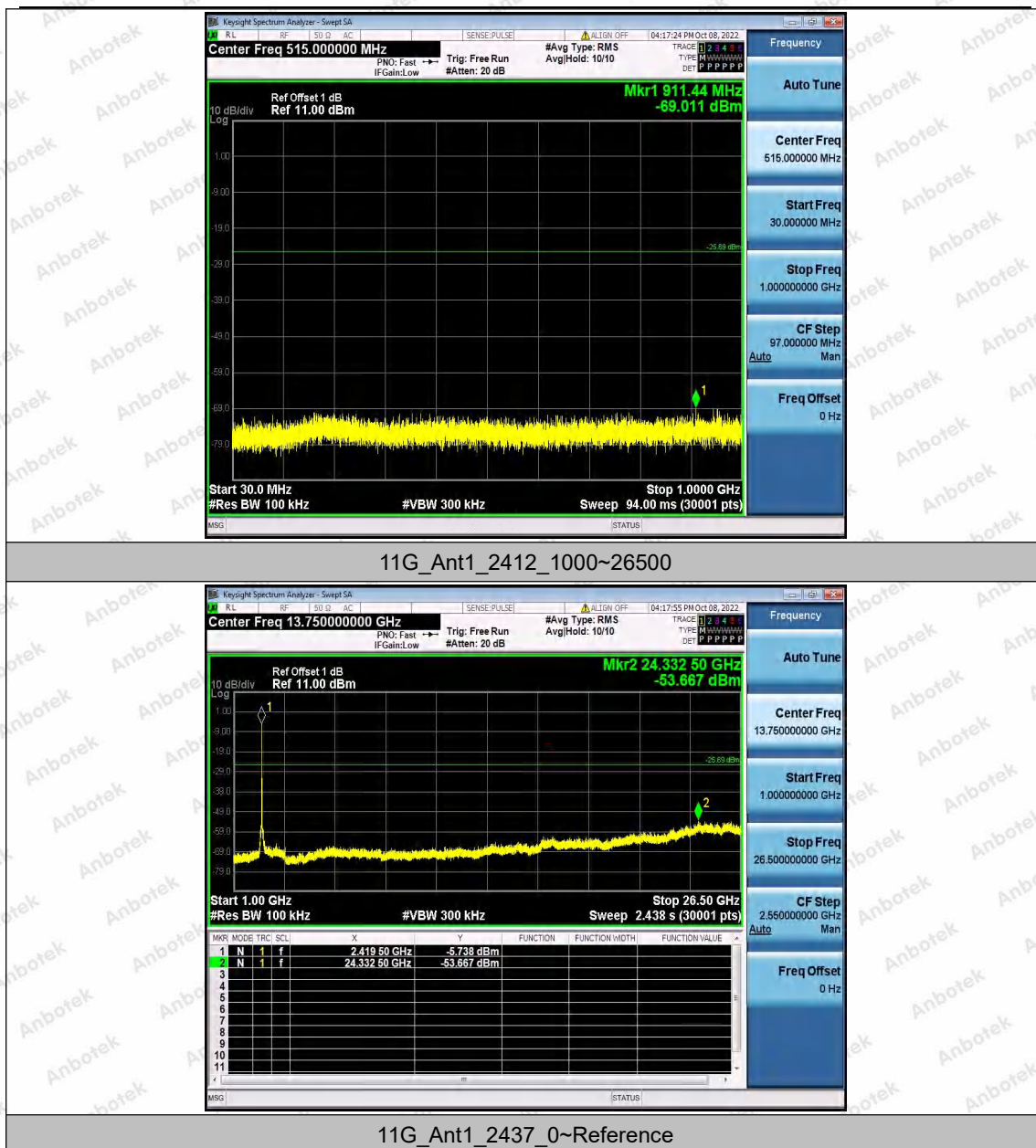
Shenzhen Anbotek Compliance Laboratory Limited

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



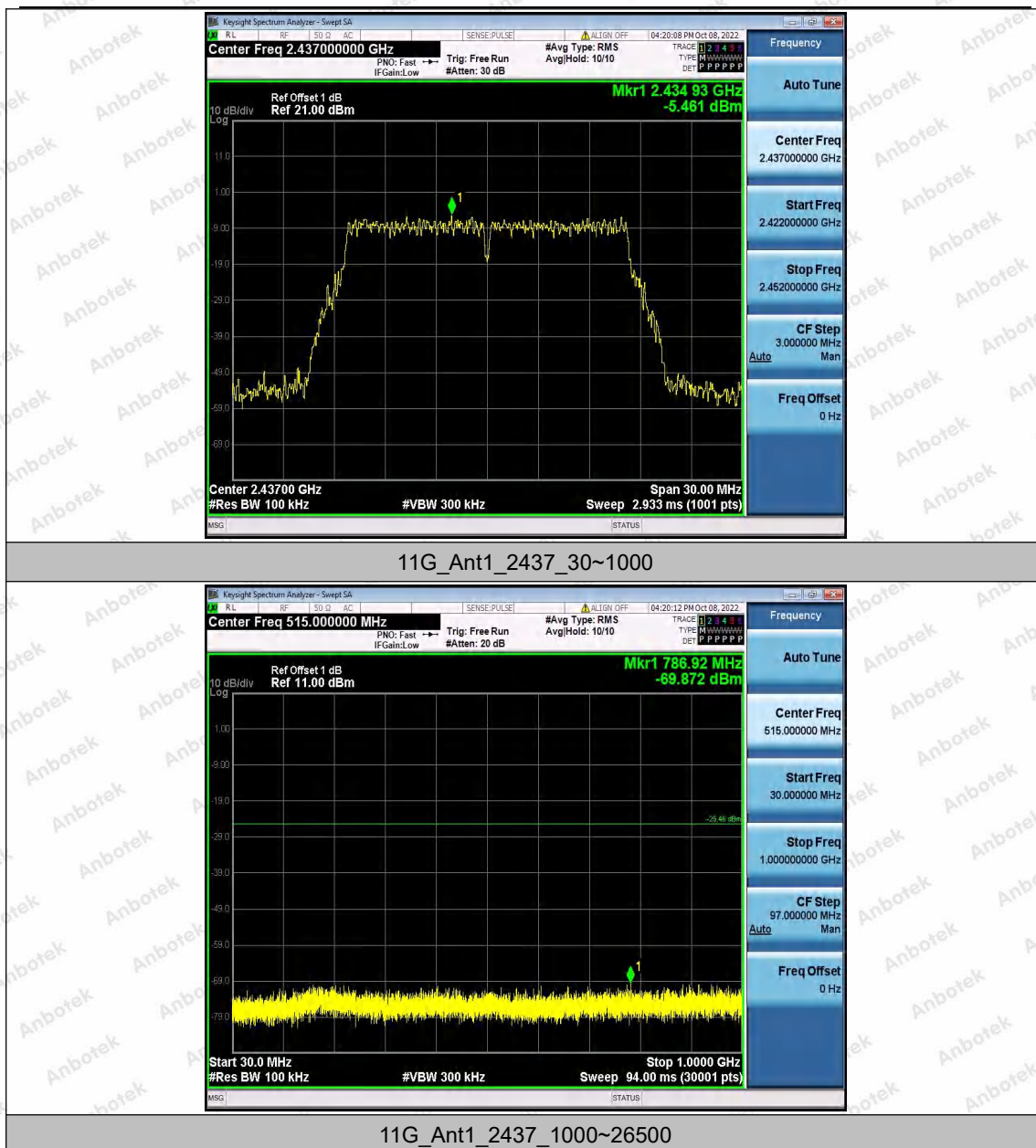
**Shenzhen Anbotek Compliance Laboratory Limited**

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





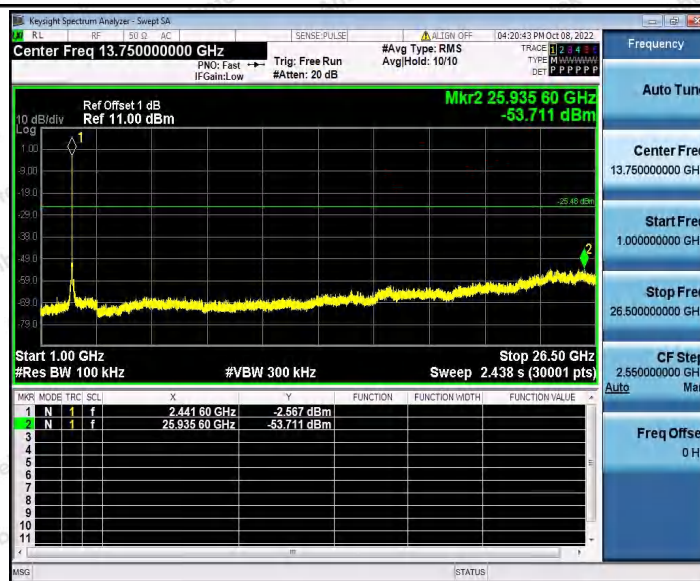
Shenzhen Anbotek Compliance Laboratory Limited

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



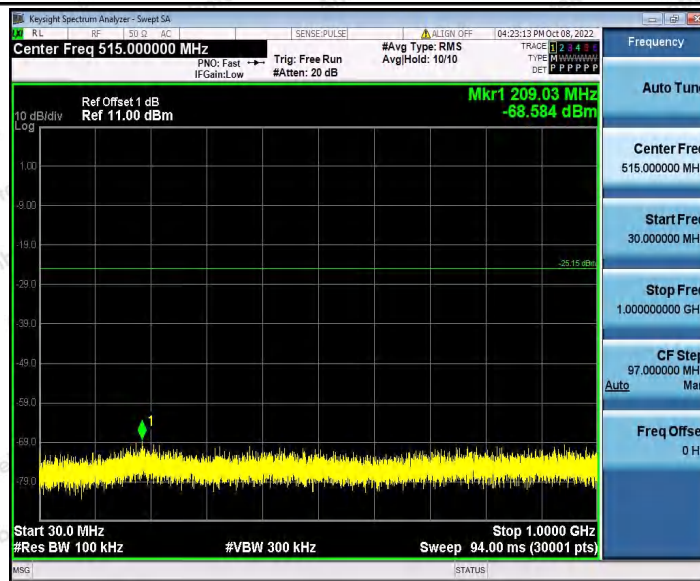


11G_Ant1_2462_0~Reference

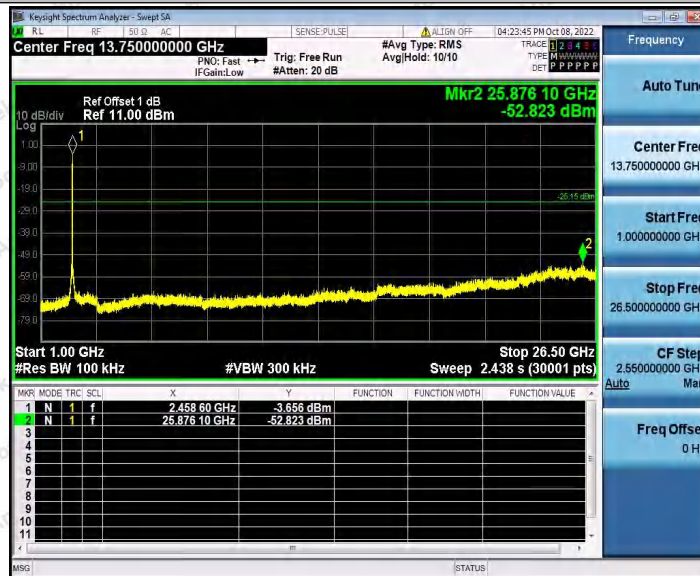


11G_Ant1_2462_30~1000





11G_Ant1_2462_1000~26500



11N20_Ant1_2412_0~Reference

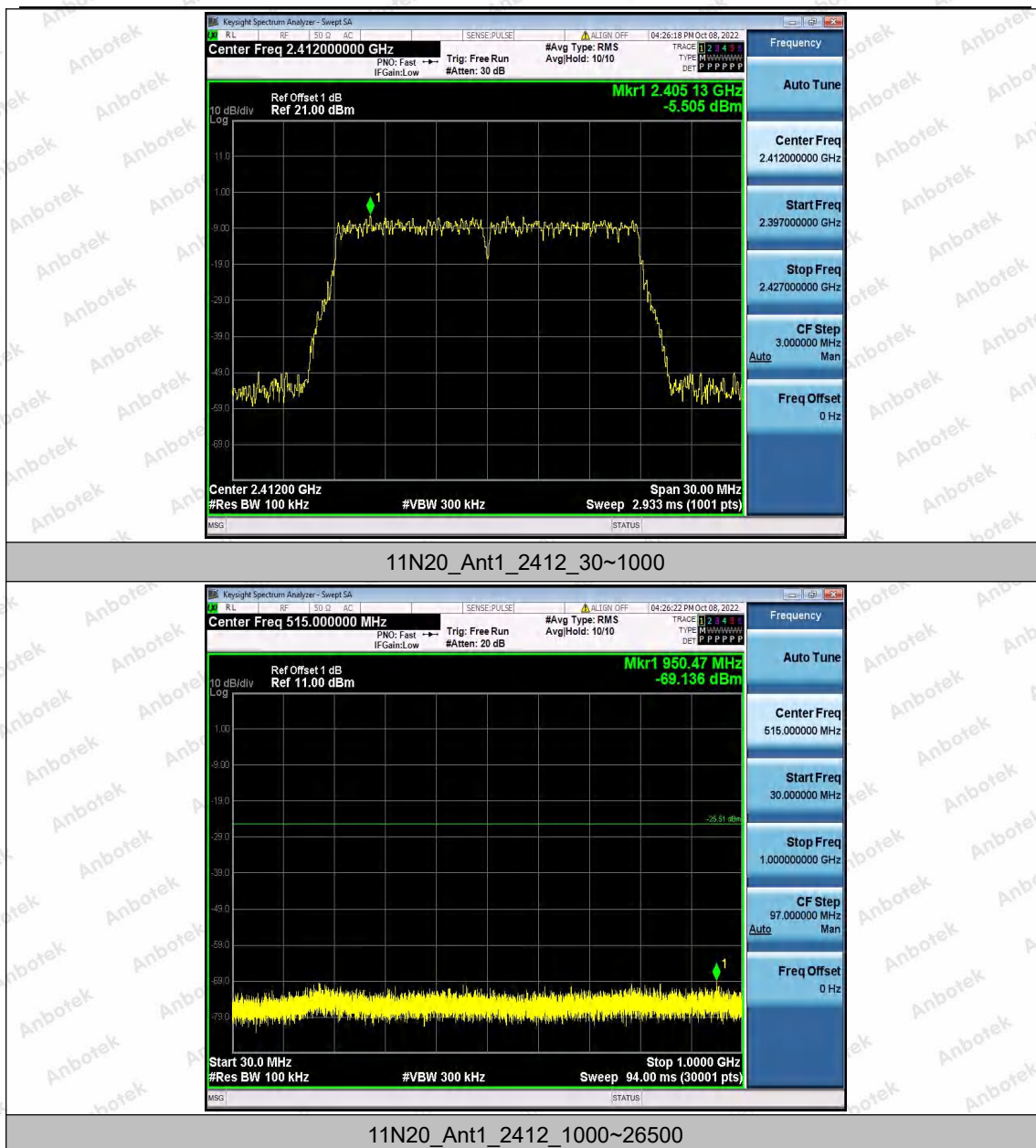
Shenzhen Anbotek Compliance Laboratory Limited

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





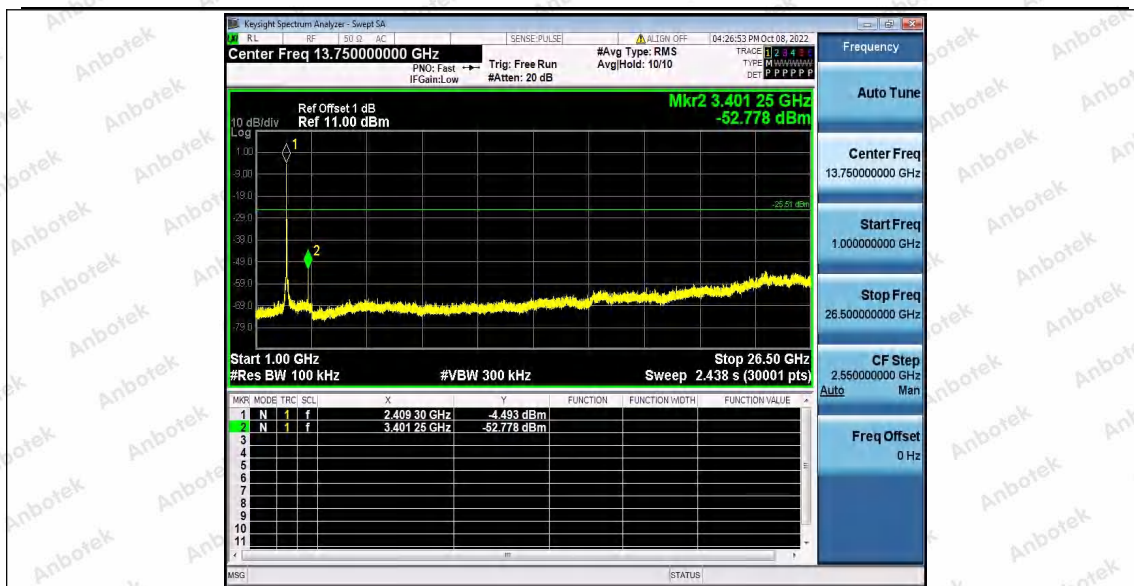
Shenzhen Anbotek Compliance Laboratory Limited

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



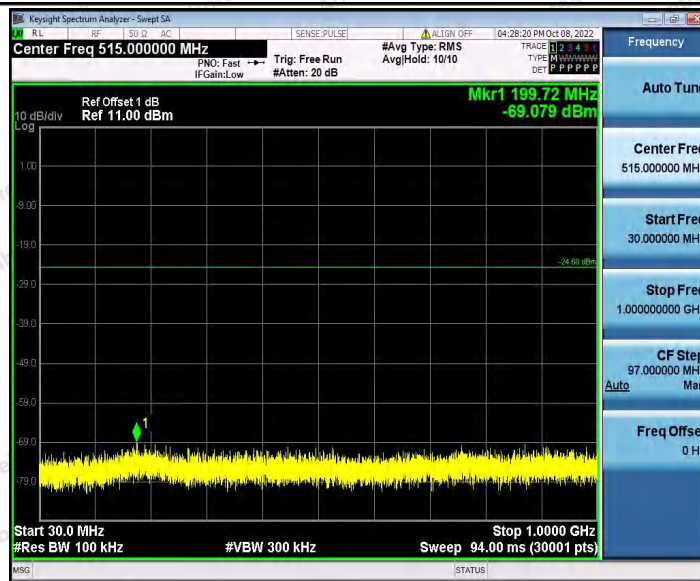


11N20_Ant1_2437_0~Reference

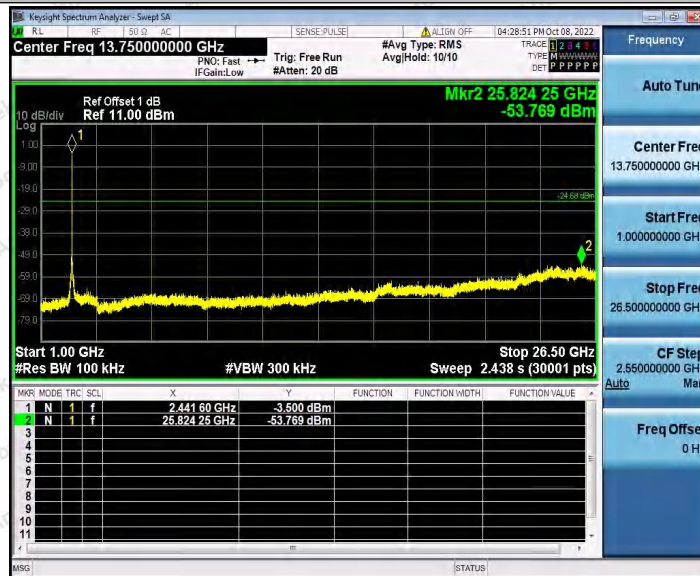


11N20_Ant1_2437_30~1000





11N20_Ant1_2437_1000~26500



11N20_Ant1_2462_0~Reference

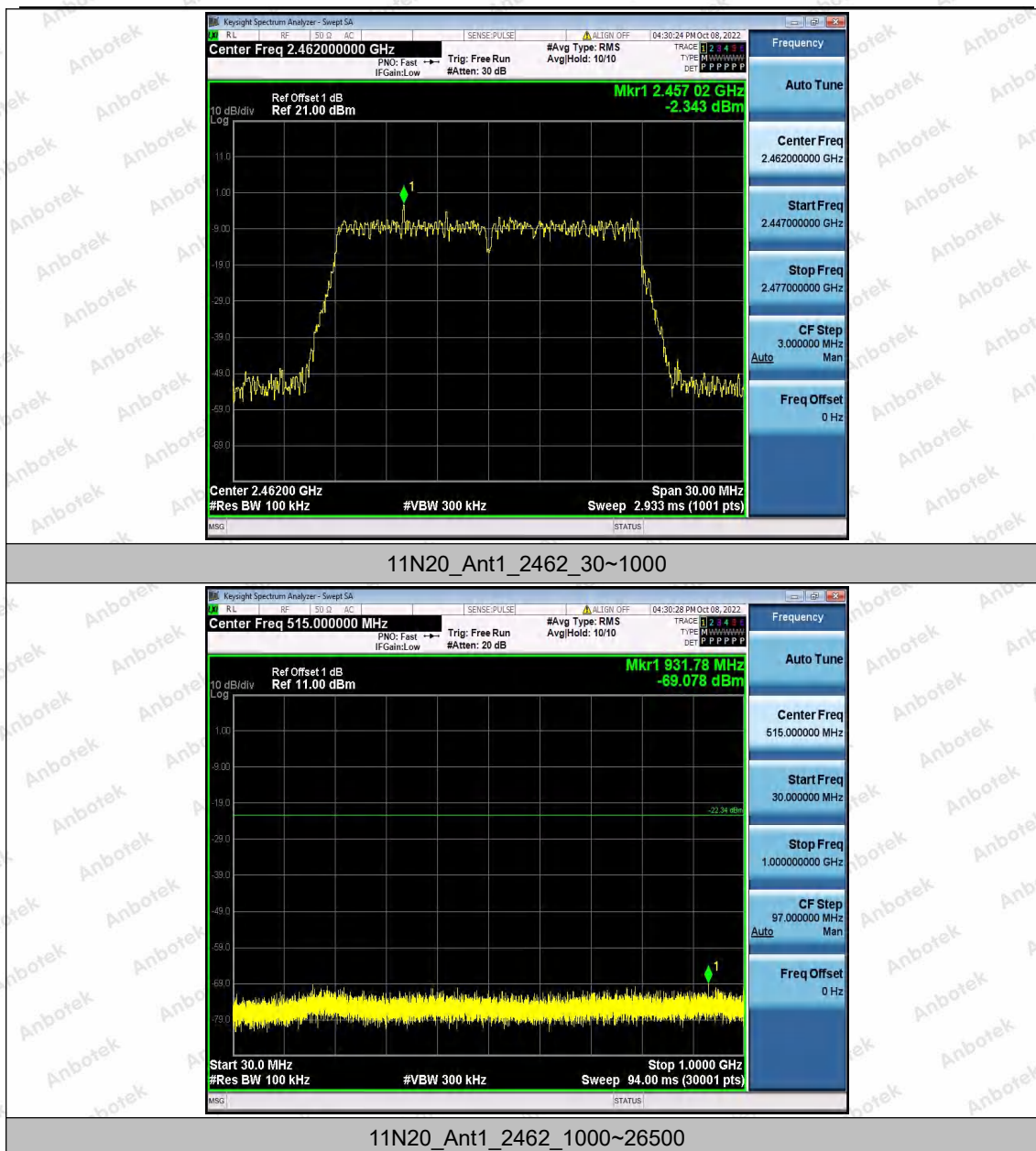
Shenzhen Anbotek Compliance Laboratory Limited

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





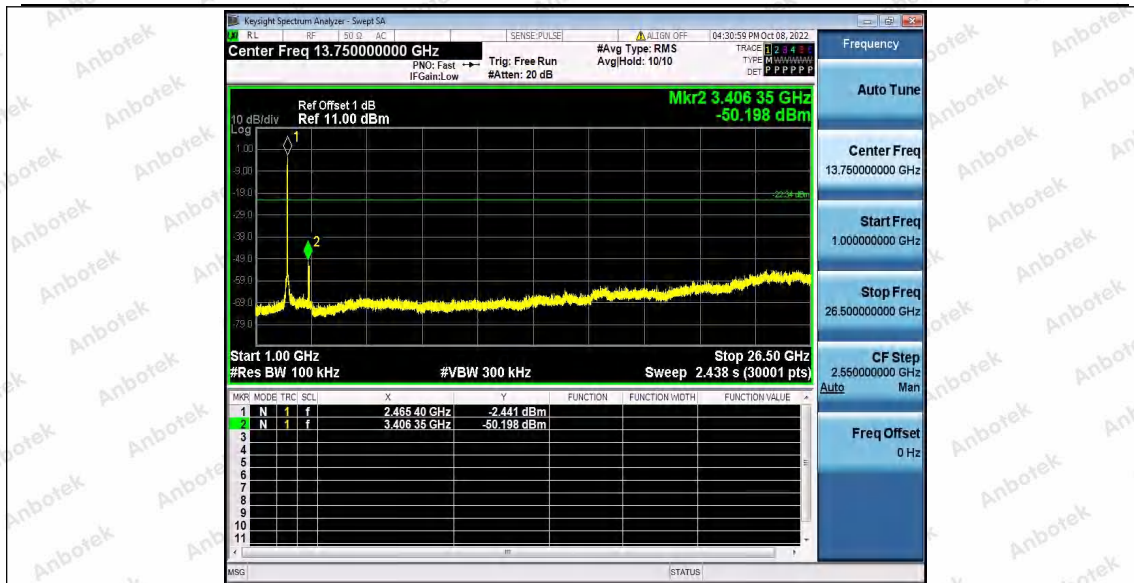
Shenzhen Anbotek Compliance Laboratory Limited

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



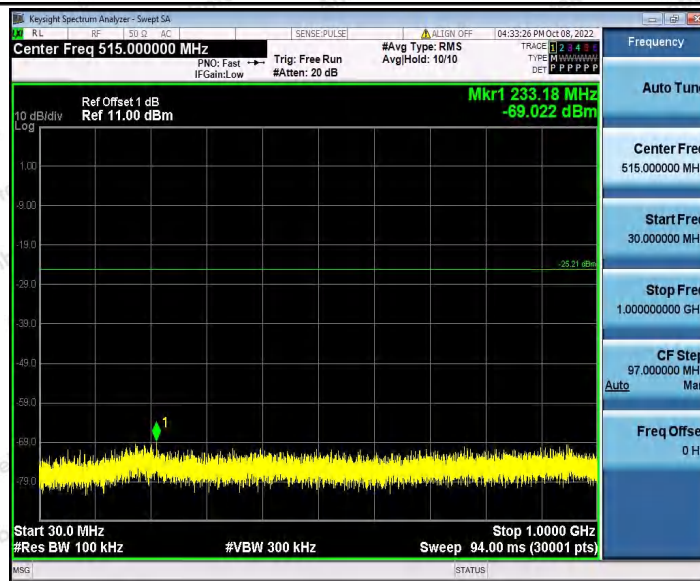


11N40_Ant1_2422_0~Reference

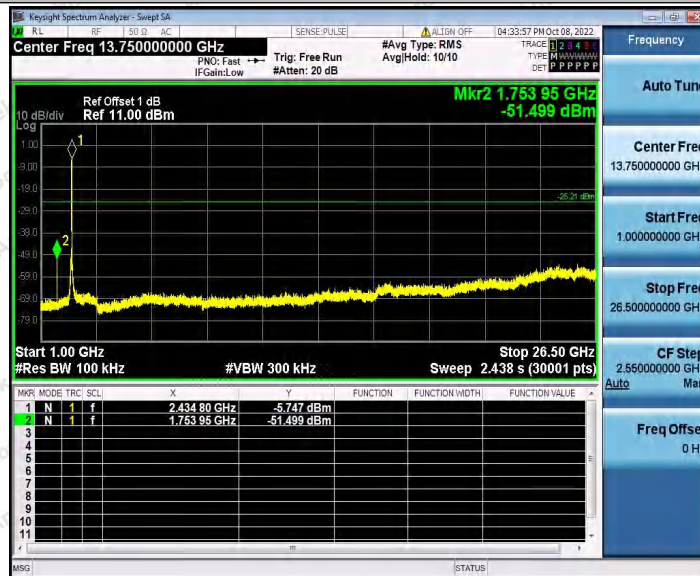


11N40_Ant1_2422_30~1000





11N40_Ant1_2422_1000~26500



11N40_Ant1_2437_0~Reference

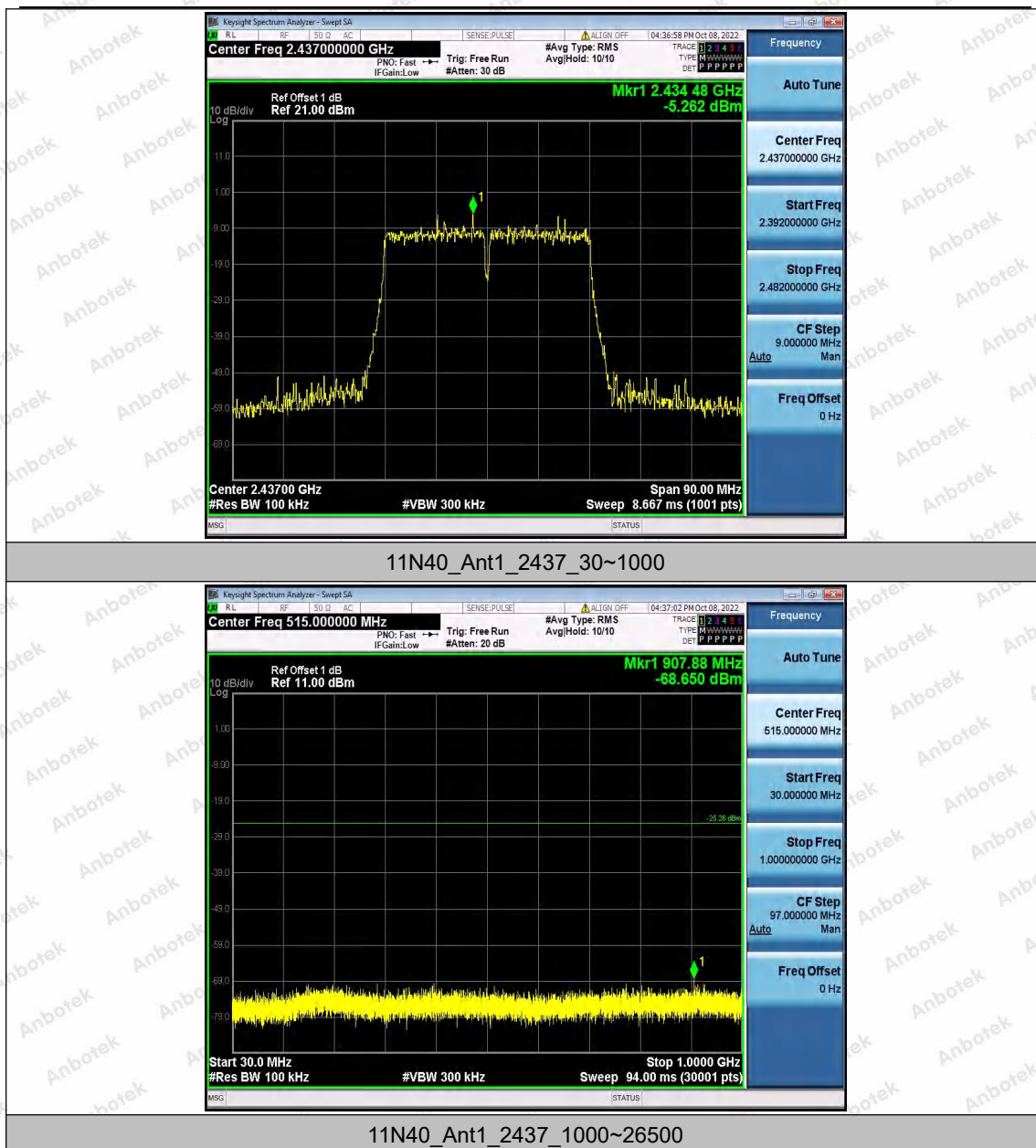
Shenzhen Anbotek Compliance Laboratory Limited

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





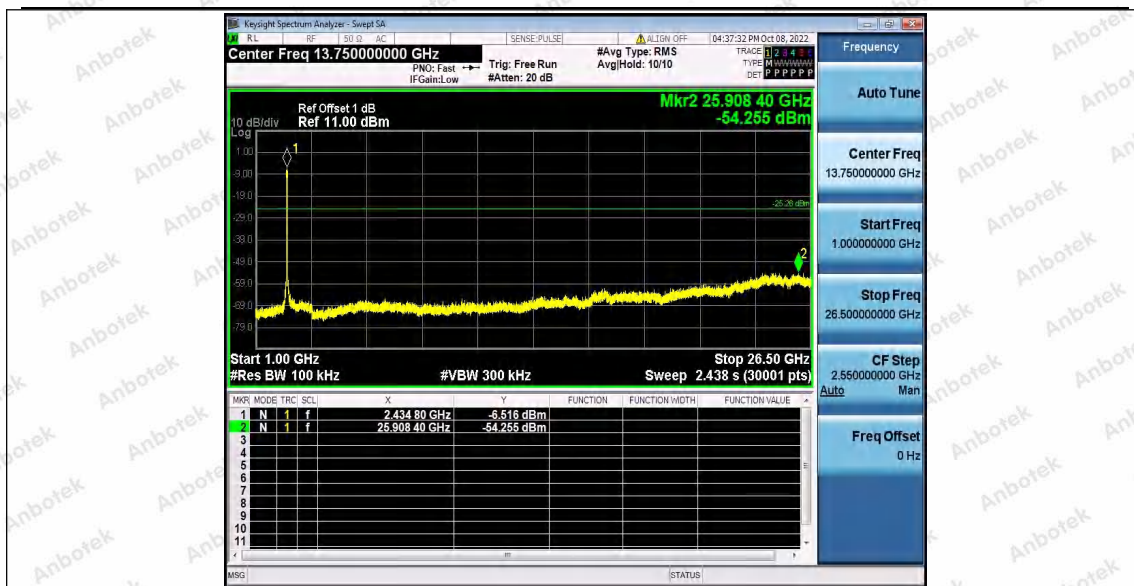
Shenzhen Anbotek Compliance Laboratory Limited

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



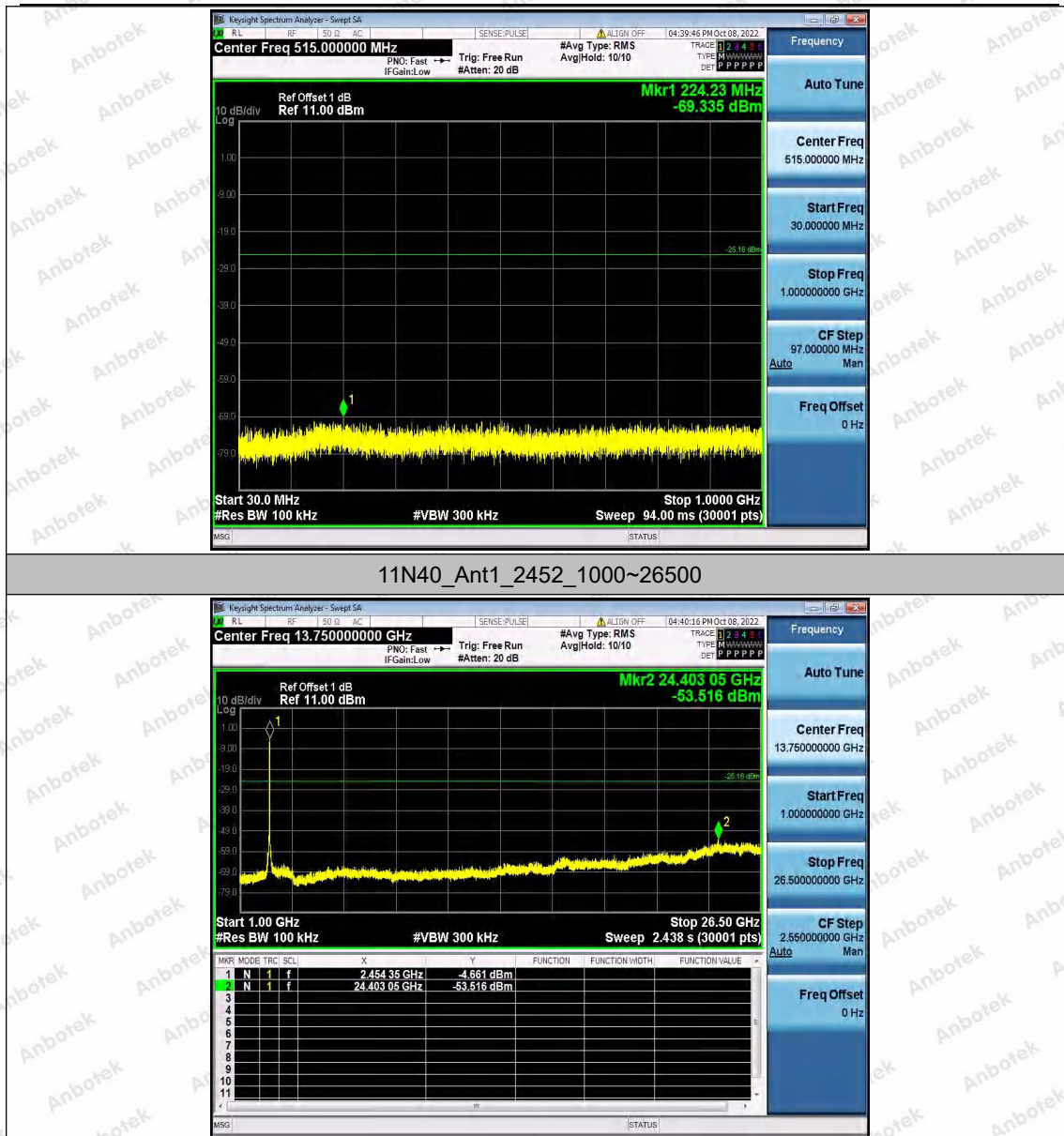


11N40_Ant1_2452_0~Reference



11N40_Ant1_2452_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



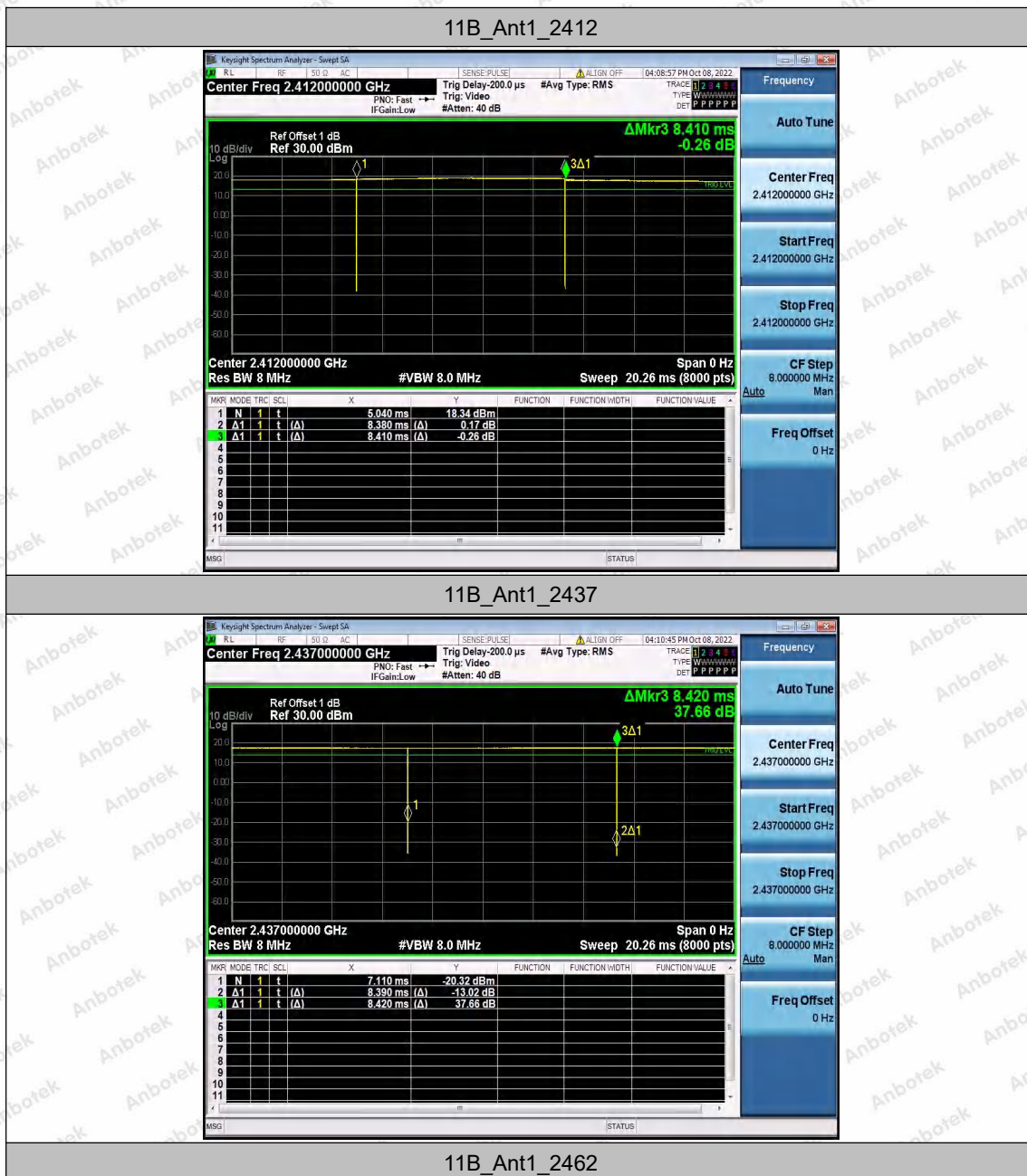
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2412	8.38	8.41	99.64	0.02
		2437	8.39	8.42	99.64	0.02
		2462	8.38	8.41	99.64	0.02
11G	Ant1	2412	1.39	1.43	97.20	0.12
		2437	1.40	1.43	97.90	0.09
		2462	1.39	1.42	97.89	0.09
11N20	Ant1	2412	1.30	1.34	97.01	0.13
		2437	1.30	1.34	97.01	0.13
		2462	1.30	1.34	97.01	0.13
11N40	Ant1	2422	0.65	0.68	95.59	0.20
		2437	0.65	0.68	95.59	0.20
		2452	0.64	0.68	94.12	0.26



Test Graphs



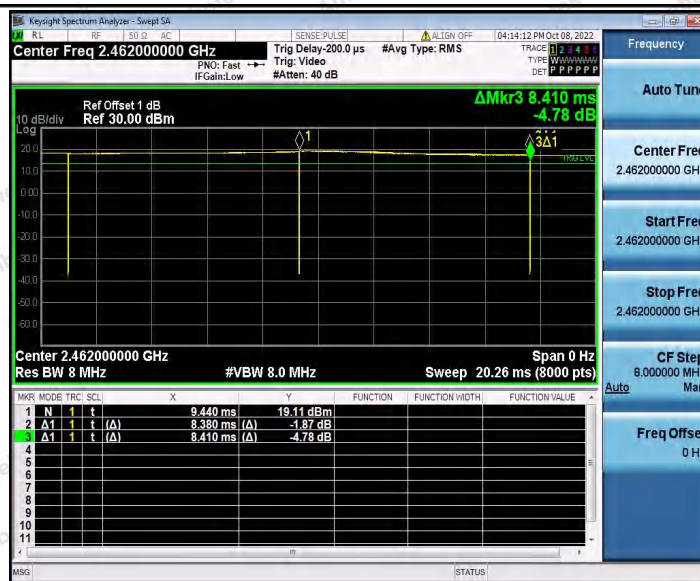
Shenzhen Anbotek Compliance Laboratory Limited

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

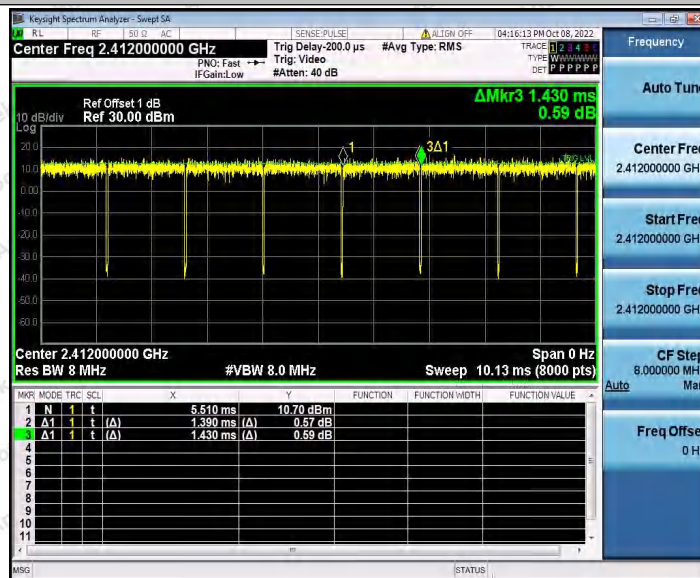


Hotline
400-003-0500
www.anbotek.com.cn



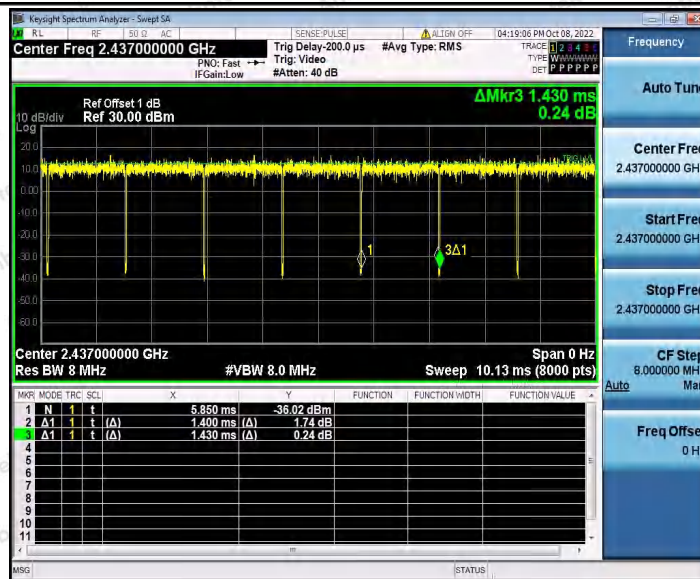


11G_Ant1_2412

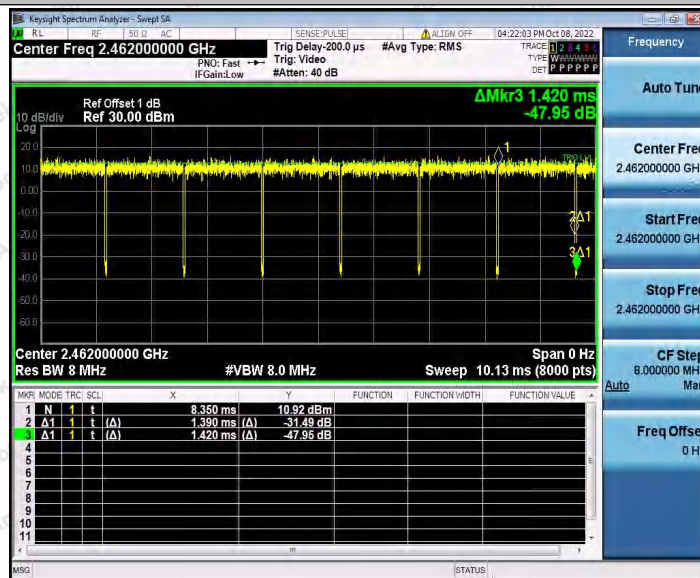


11G_Ant1_2437



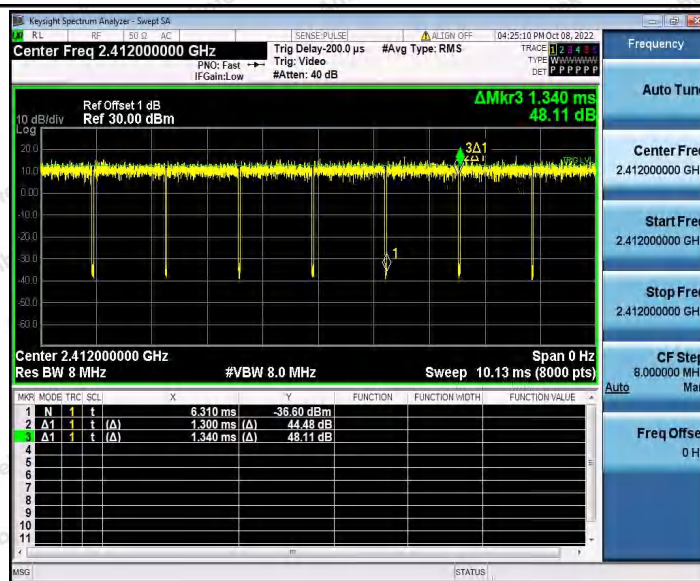


11G_Ant1_2462

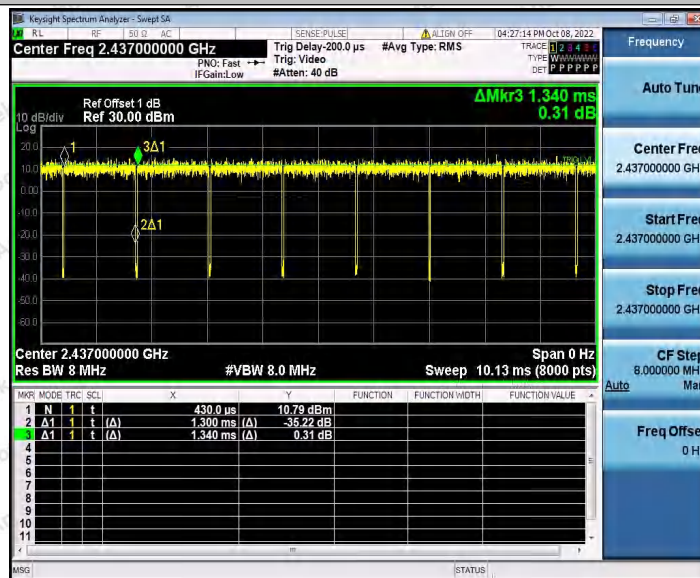


11N20_Ant1_2412





11N20_Ant1_2437



11N20_Ant1_2462

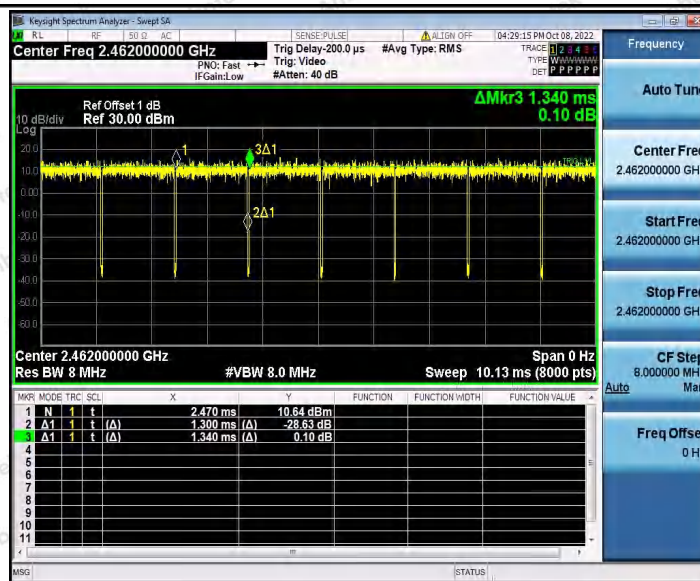
Shenzhen Anbotek Compliance Laboratory Limited

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

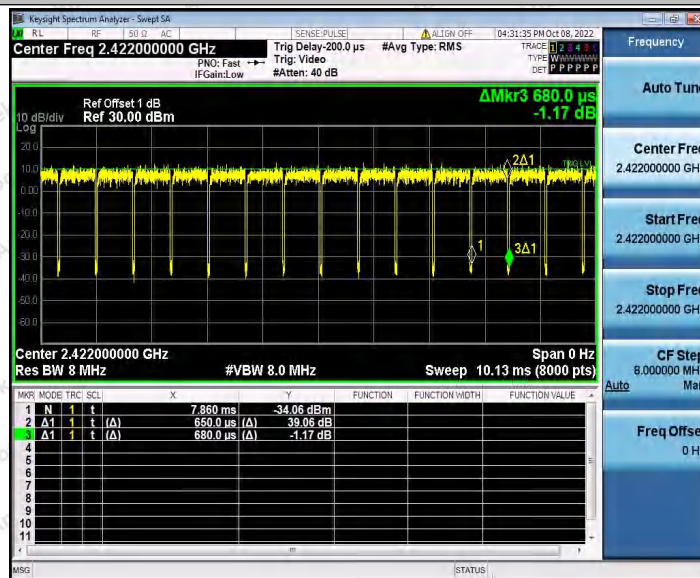


Hotline
400-003-0500
www.anbotek.com.cn





11N40_Ant1_2422



11N40_Ant1_2437

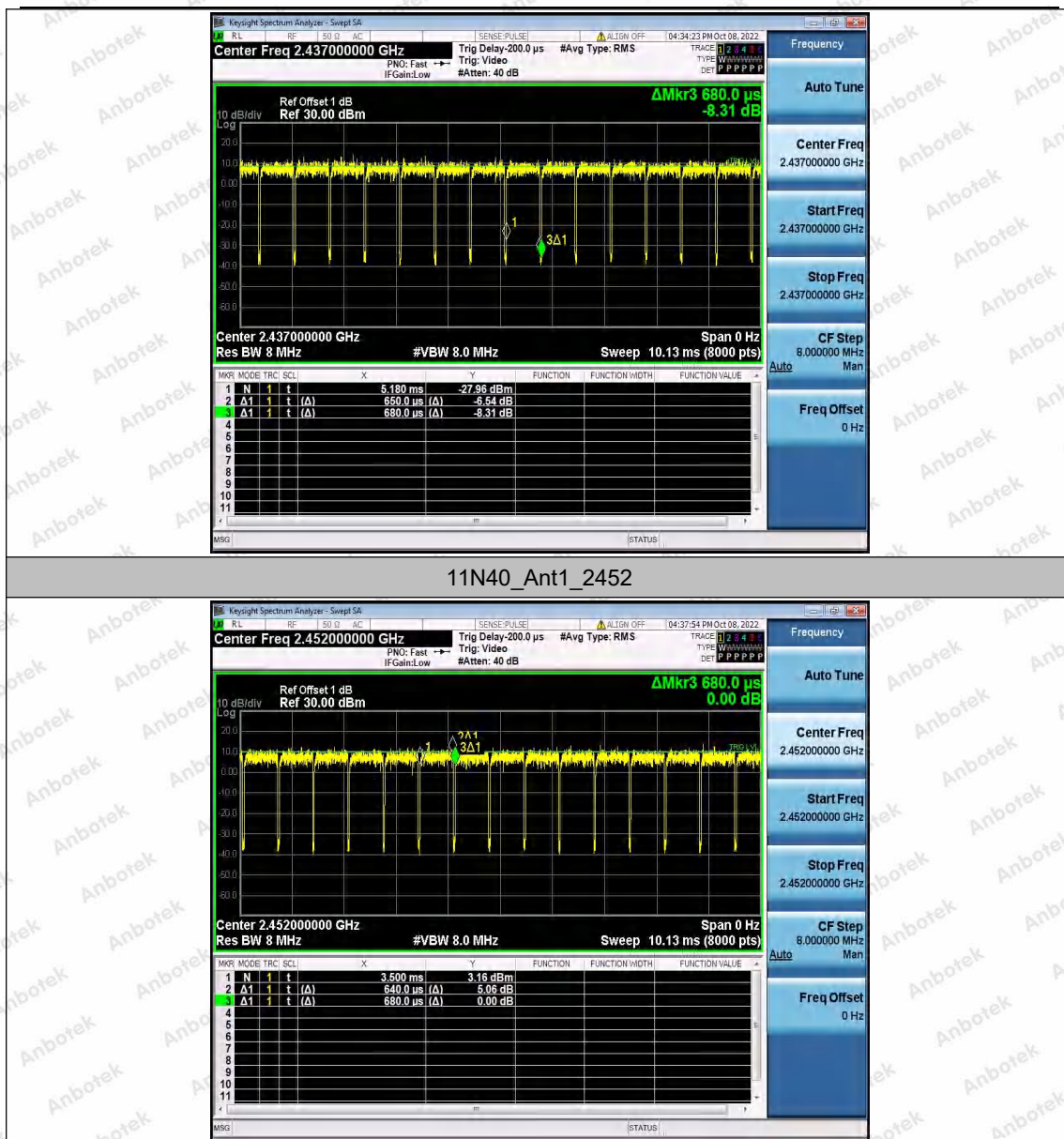
Shenzhen Anbotek Compliance Laboratory Limited

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





---End---

