



Appendix C

RF Test Data for 2.4GWIFI (Conducted Measurement)

Product Name: Tablet

Test Model: 10LA2

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Nick Peng
Supervised by:	Ling Zhu

C.1 DTS Bandwidth

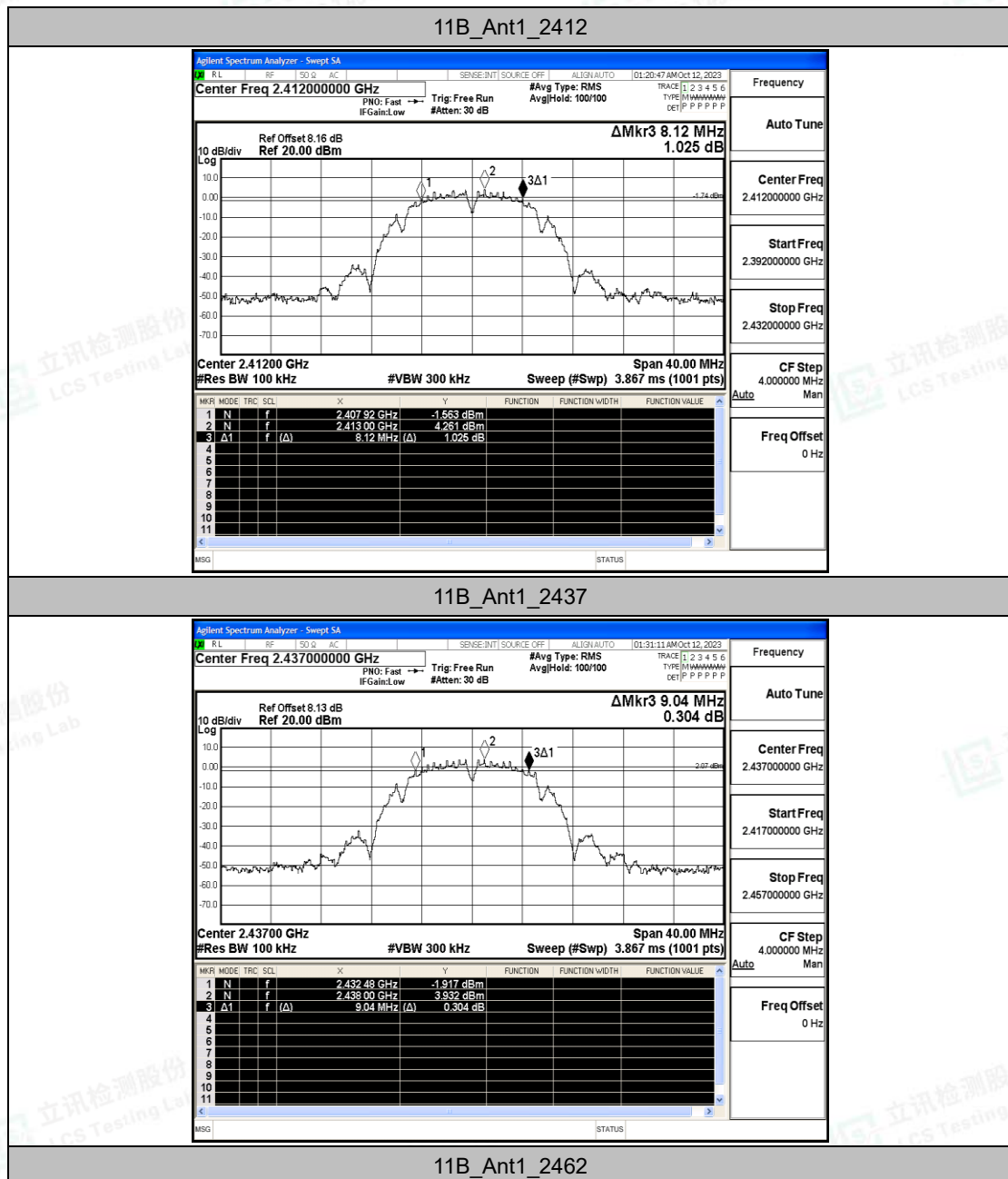
Test Result

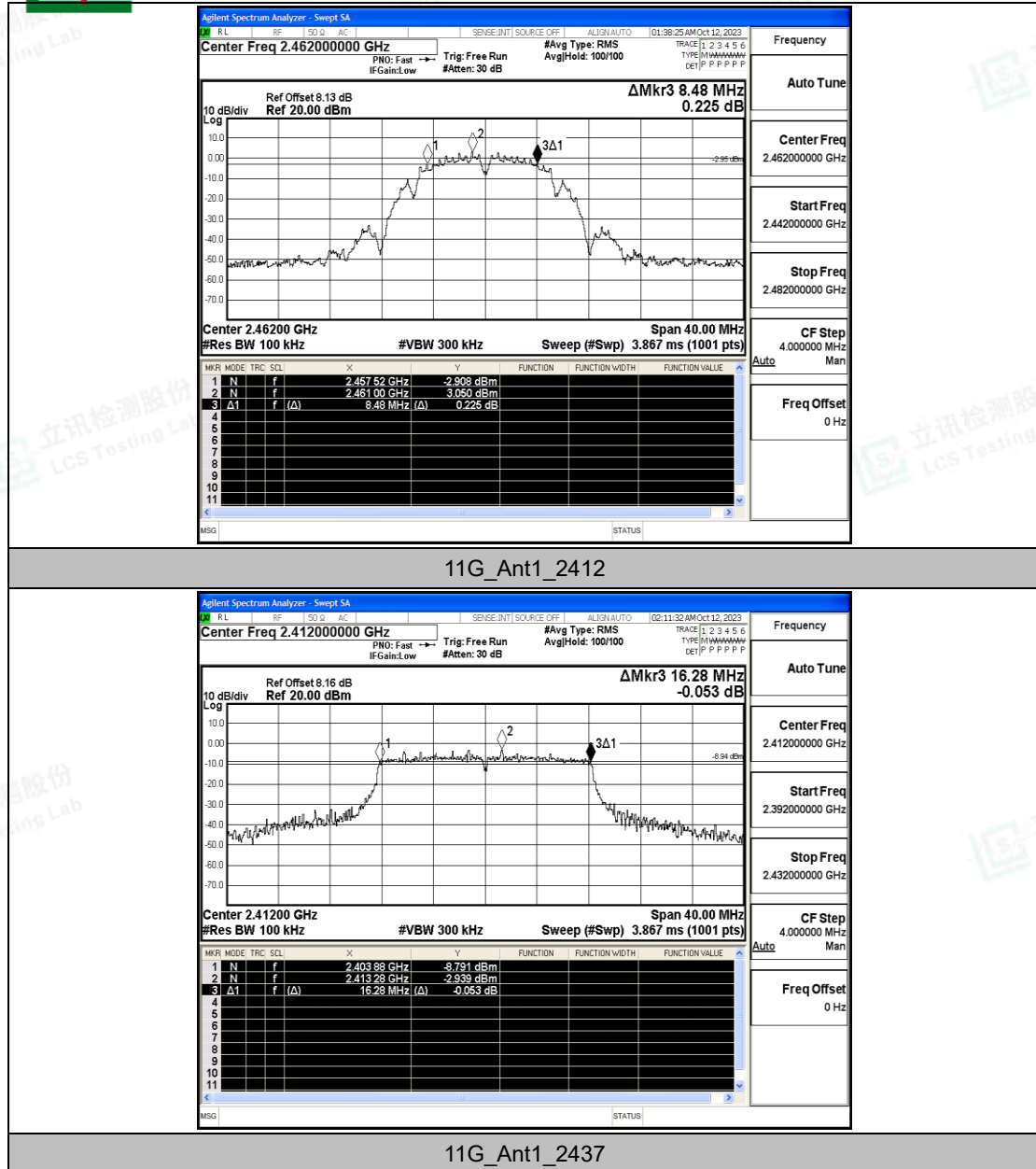
TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.120	2407.920	2416.040	0.5	PASS
		2437	9.040	2432.480	2441.520	0.5	PASS
		2462	8.480	2457.520	2466.000	0.5	PASS
11G	Ant1	2412	16.280	2403.880	2420.160	0.5	PASS
		2437	16.080	2428.840	2444.920	0.5	PASS
		2462	16.320	2453.840	2470.160	0.5	PASS
11N20SISO	Ant1	2412	16.480	2404.040	2420.520	0.5	PASS
		2437	16.720	2428.360	2445.080	0.5	PASS
		2462	17.440	2453.360	2470.800	0.5	PASS

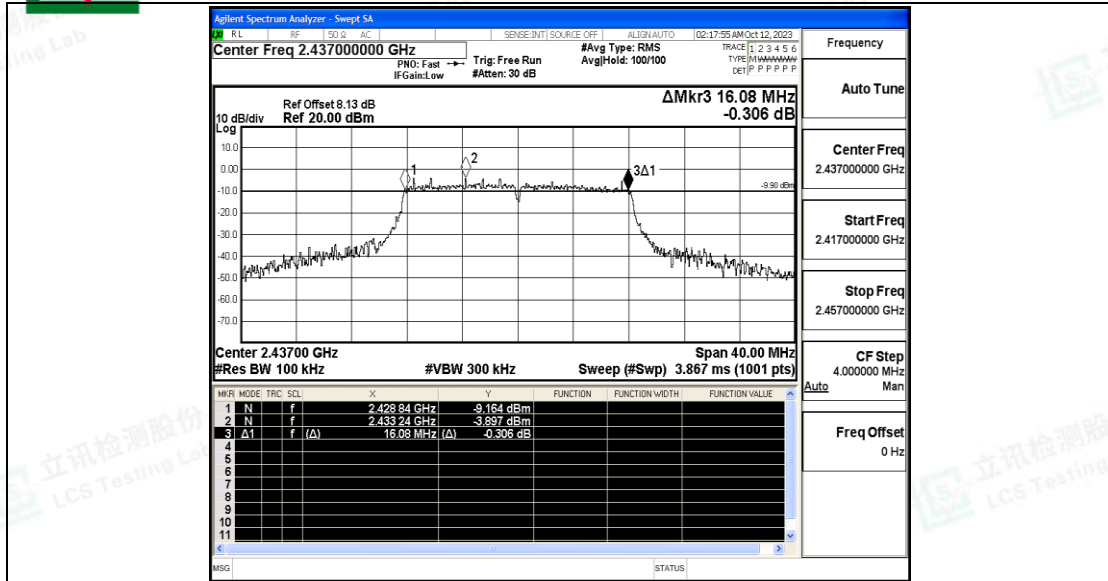




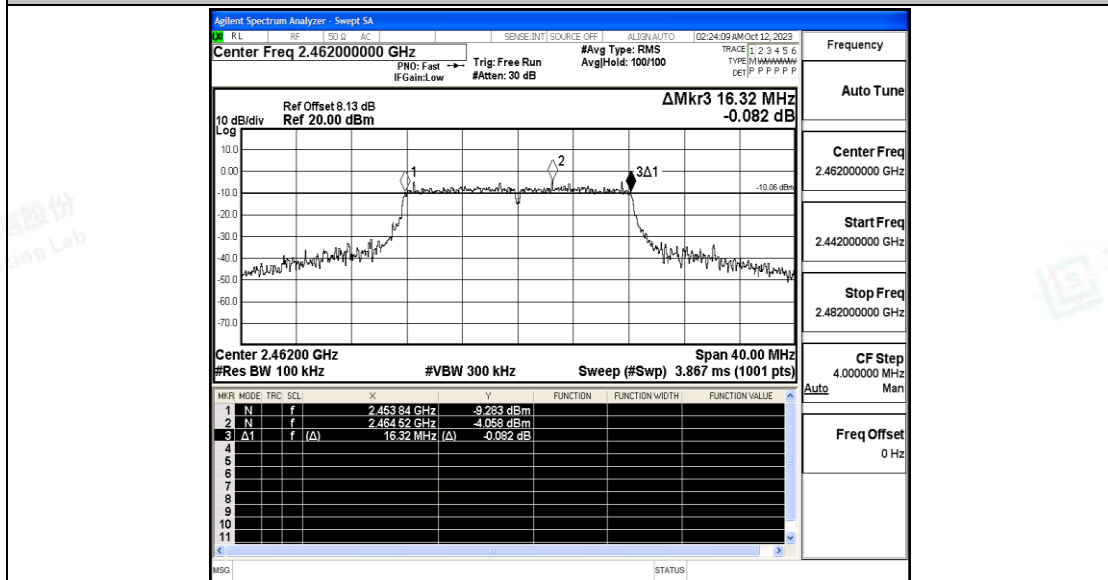
Test Graphs





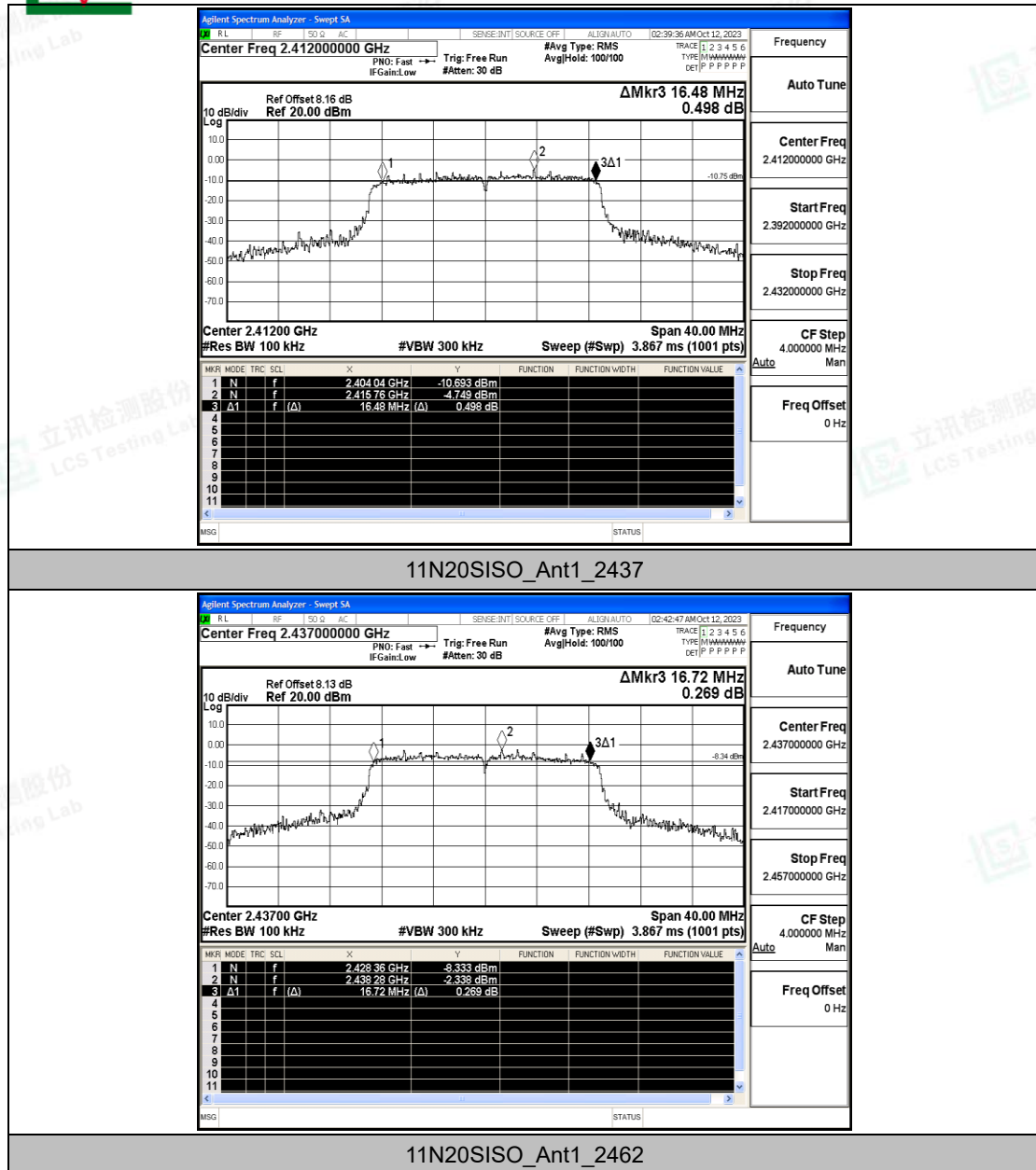


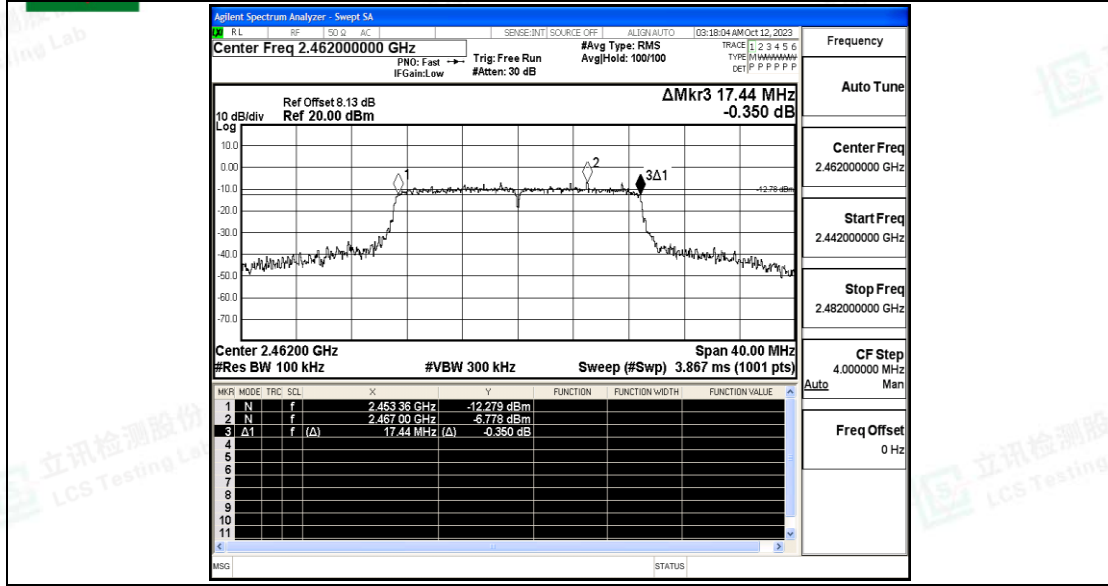
11G_Ant1_2462



11N20SISO_Ant1_2412









C.2 Maximum conducted output power

Test Result Peak

TestMode	Antenna	Freq(MHz)	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	15.65	≤30.00	PASS
		2437	15.70	≤30.00	PASS
		2462	14.28	≤30.00	PASS
11G	Ant1	2412	14.57	≤30.00	PASS
		2437	13.90	≤30.00	PASS
		2462	13.45	≤30.00	PASS
11N20SISO	Ant1	2412	12.83	≤30.00	PASS
		2437	13.08	≤30.00	PASS
		2462	11.67	≤30.00	PASS





C.3 Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-6.46	≤8.00	PASS
		2437	-8.9	≤8.00	PASS
		2462	-9.02	≤8.00	PASS
11G	Ant1	2412	-17.4	≤8.00	PASS
		2437	-17.9	≤8.00	PASS
		2462	-18.73	≤8.00	PASS
11N20SISO	Ant1	2412	-18.5	≤8.00	PASS
		2437	-18.71	≤8.00	PASS
		2462	-20.16	≤8.00	PASS



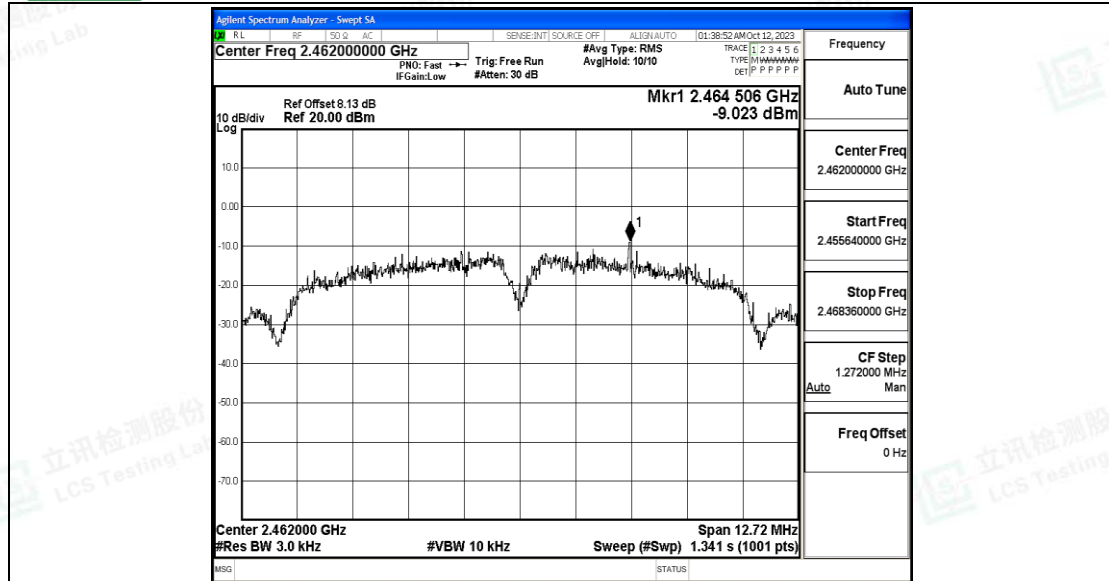


Test Graphs

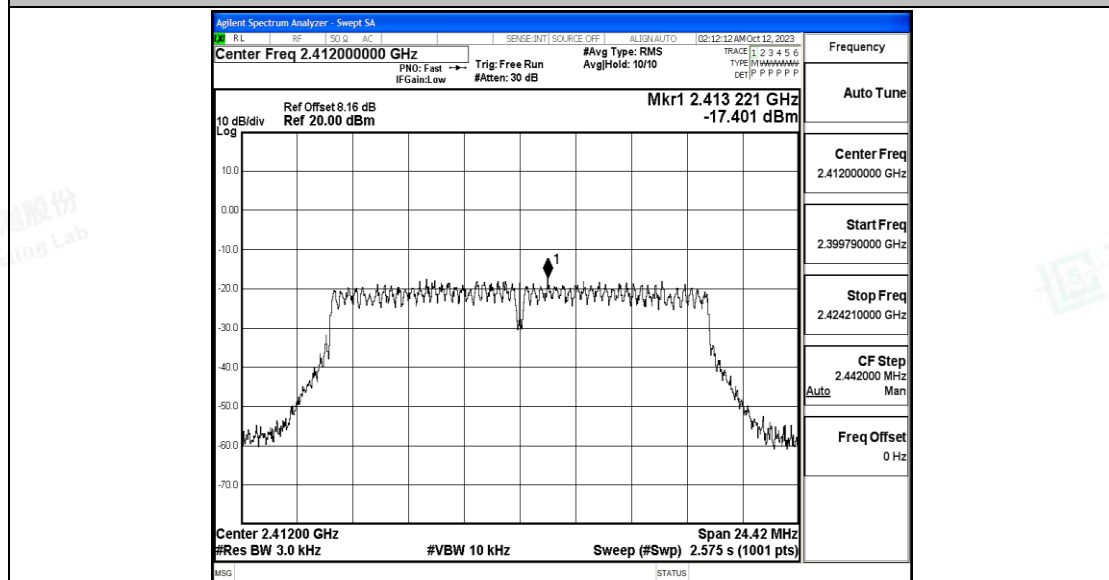




LC SA00183245ED



11G_Ant1_2412



11G_Ant1_2437



Shenzhen LCS Compliance Testing Laboratory Ltd.

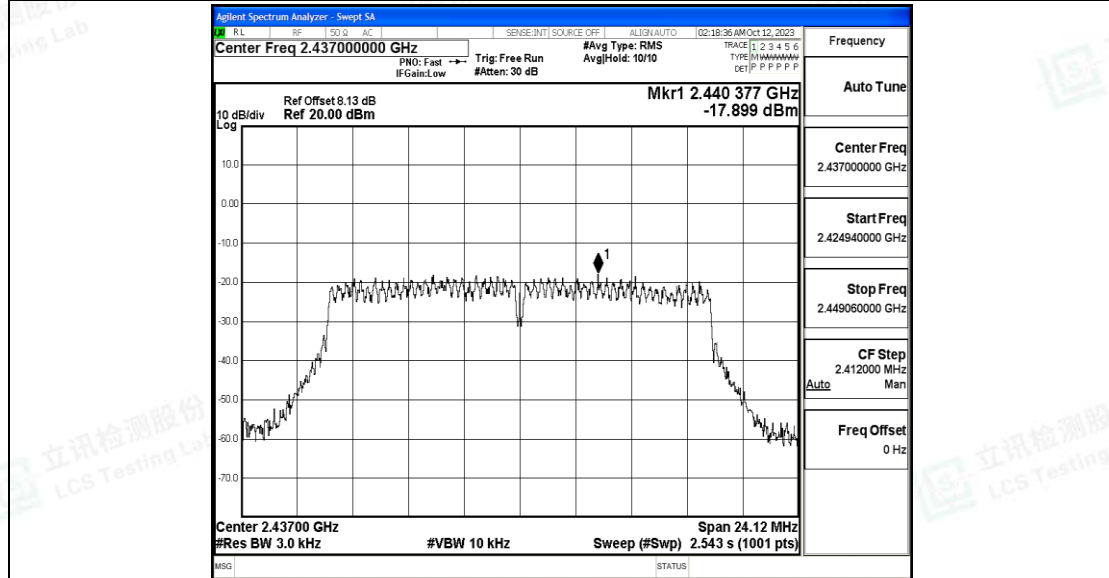
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

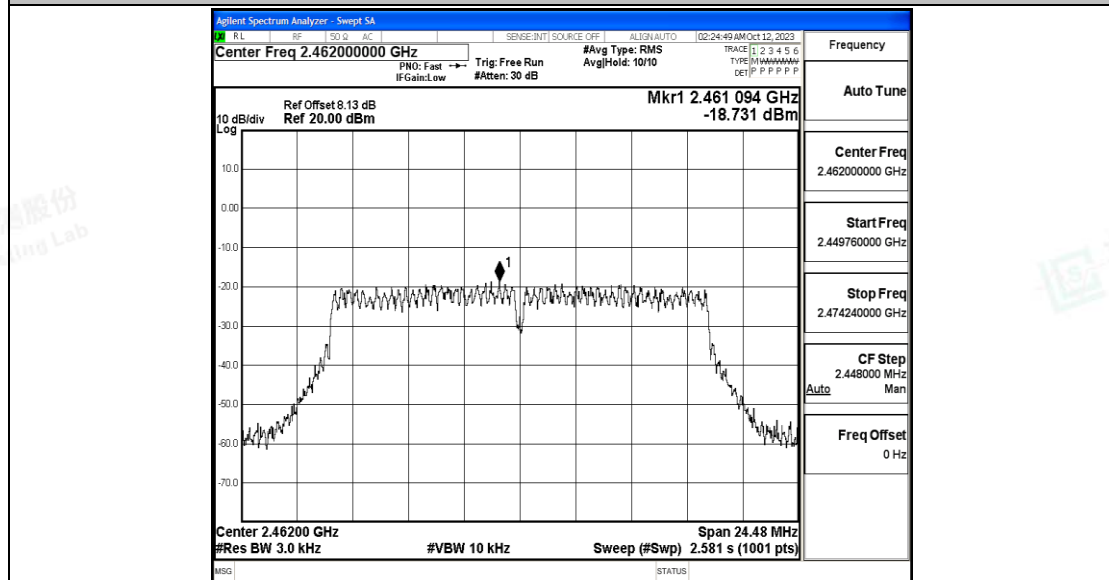
Scan code to check authenticity



LCSA00183245ED



11G_Ant1_2462



11N20SISO_Ant1_2412



Shenzhen LCS Compliance Testing Laboratory Ltd.

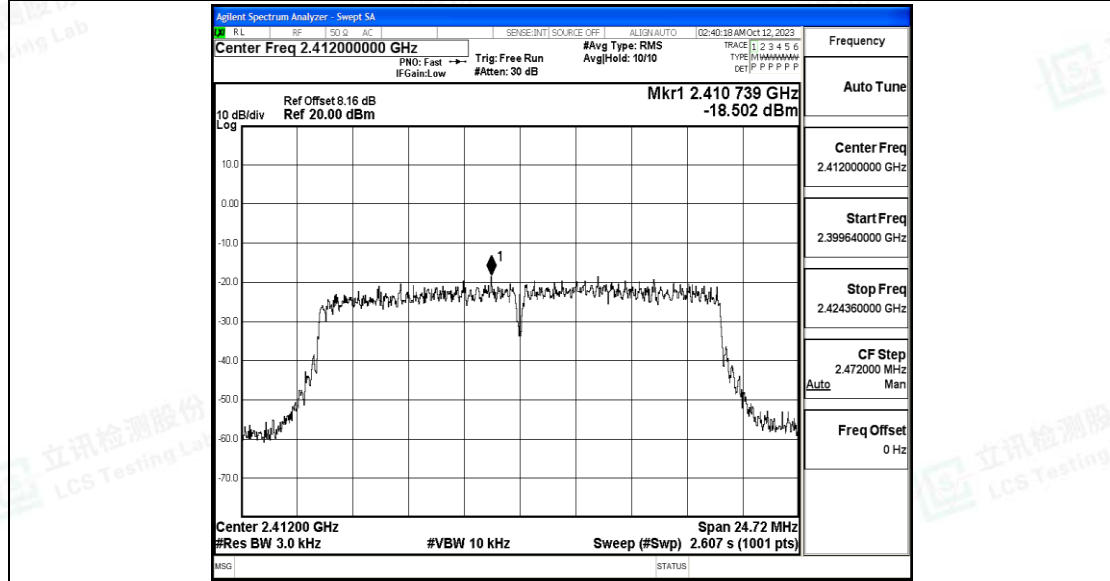
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

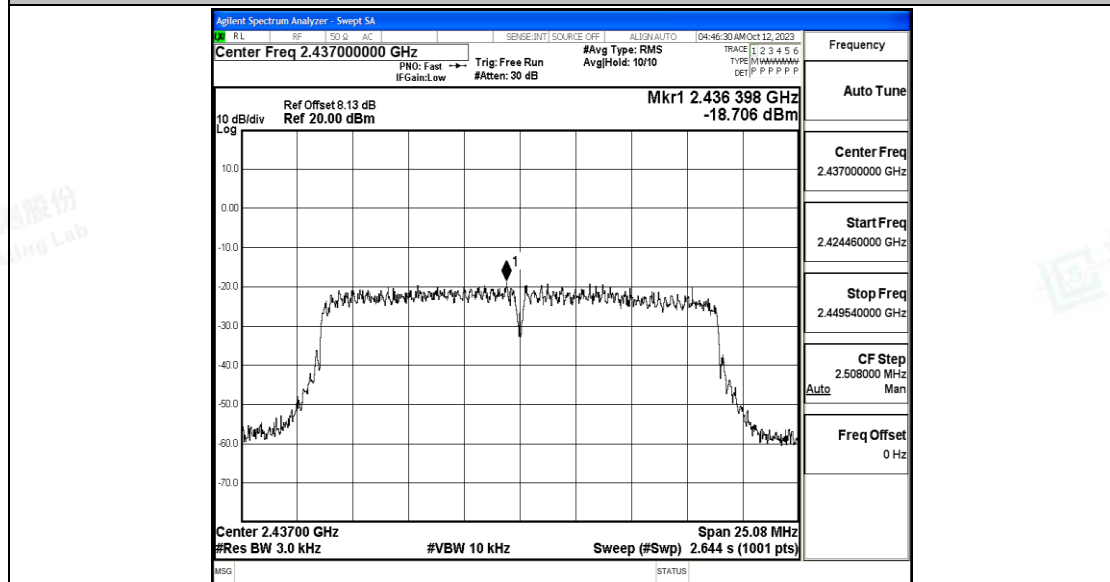
Scan code to check authenticity



LCSA00183245ED



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Shenzhen LCS Compliance Testing Laboratory Ltd.

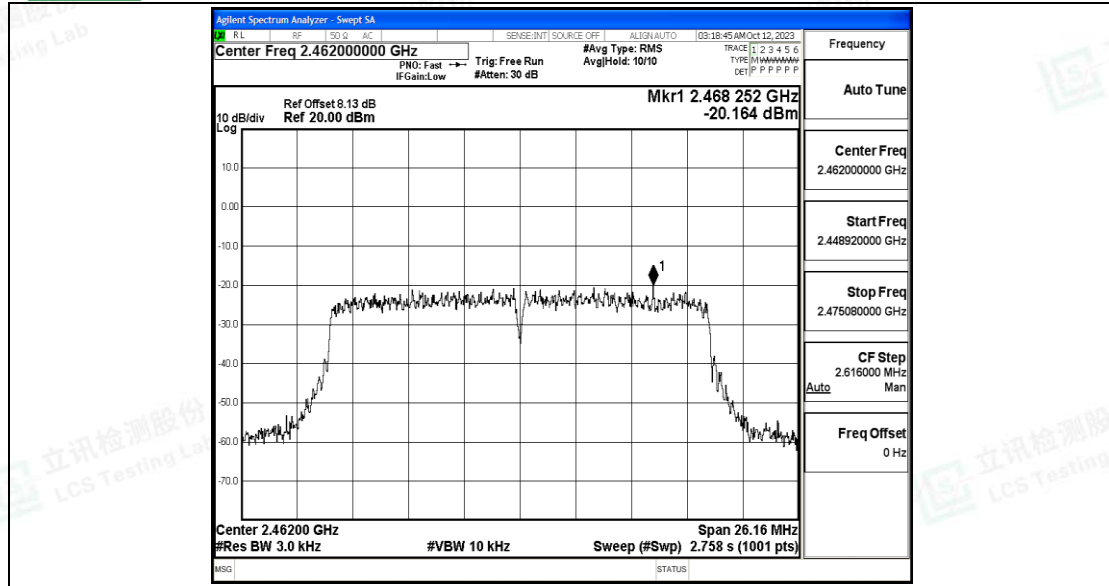
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



LCSA00183245ED



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



C.4 Band edge measurements

Test Result

TestMode	Antenna	Channel	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.00	-46.36	≤-16	PASS
		High	2462	2.95	-49.09	≤-17.05	PASS
11G	Ant1	Low	2412	-3.21	-33.6	≤-23.21	PASS
		High	2462	-3.79	-46.22	≤-23.79	PASS
11N20SISO	Ant1	Low	2412	-5.74	-38.08	≤-25.74	PASS
		High	2462	-6.38	-47.3	≤-26.38	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

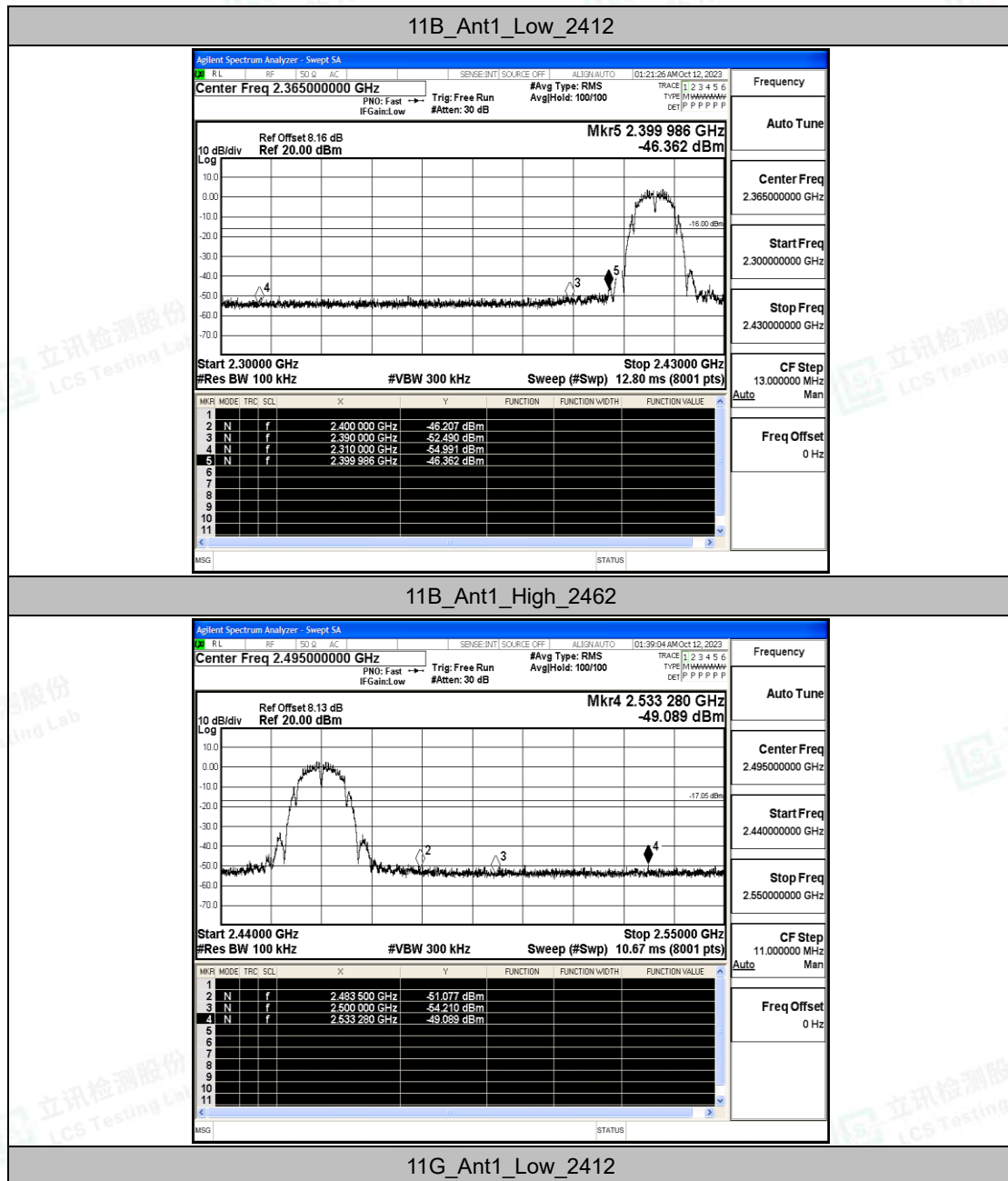
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



LCSA00183245ED

Test Graphs



Shenzhen LCS Compliance Testing Laboratory Ltd.

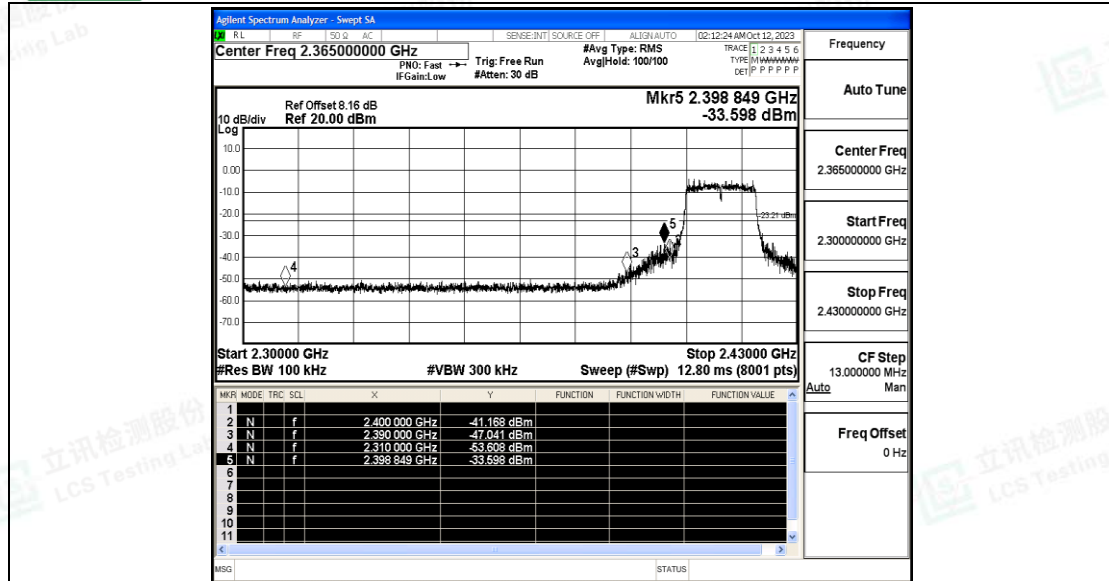
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

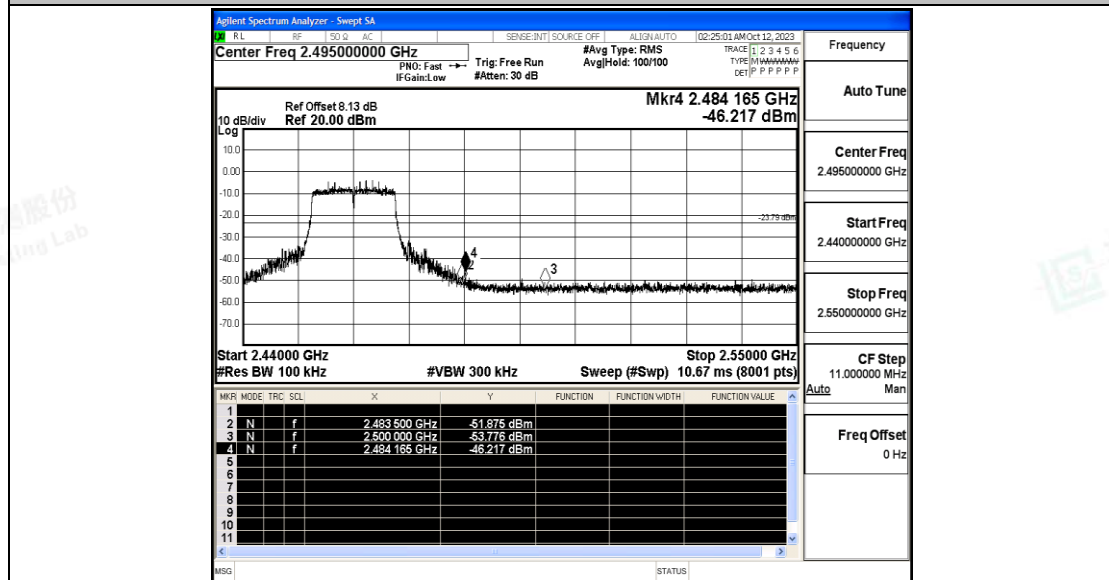
Scan code to check authenticity



LC SA00183245ED



11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



Shenzhen LCS Compliance Testing Laboratory Ltd.

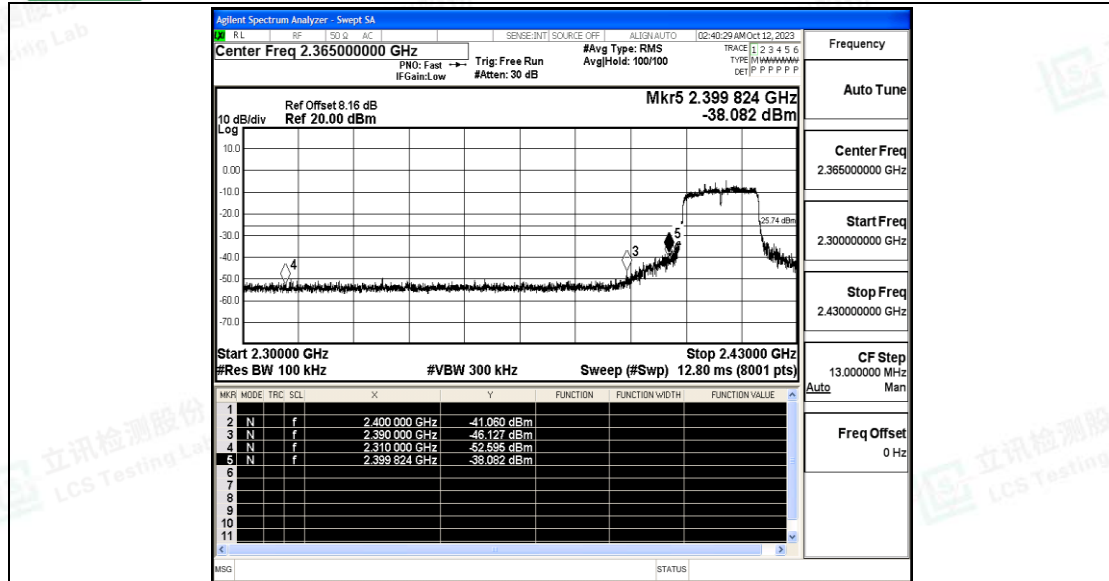
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

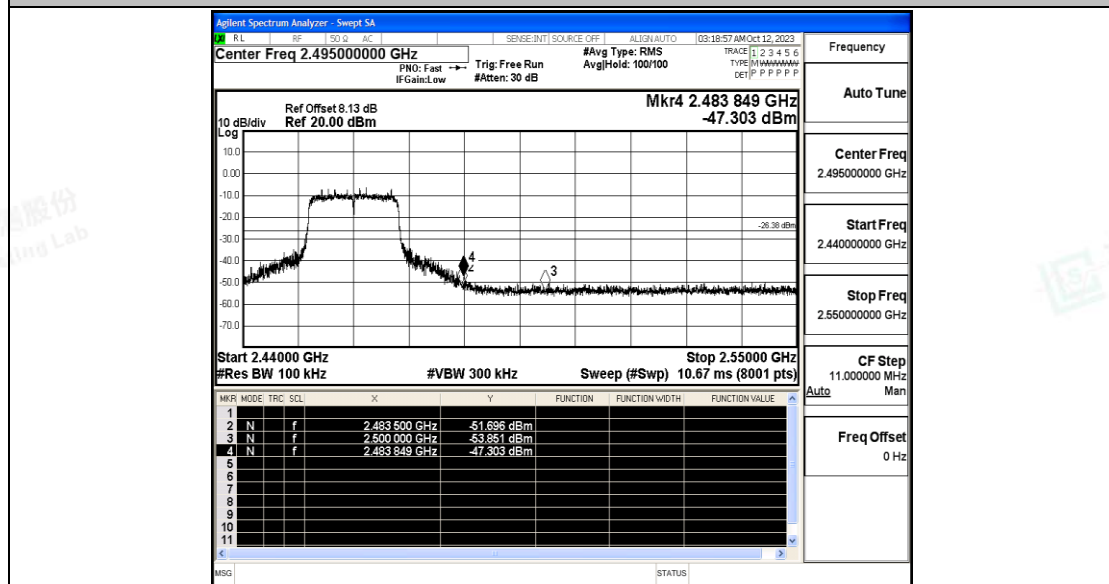
Scan code to check authenticity



LC SA0013245ED



11N20SISO_Ant1_High_2462



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



C.5 Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~1000	4.00	-61.95	≤-16	PASS
			1000~26500	4.00	-49.21	≤-16	PASS
		2437	30~1000	3.34	-61.23	≤-16.66	PASS
			1000~26500	3.34	-49.02	≤-16.66	PASS
		2462	30~1000	2.95	-62.17	≤-17.05	PASS
			1000~26500	2.95	-48.13	≤-17.05	PASS
11G	Ant1	2412	30~1000	-3.21	-60.9	≤-23.21	PASS
			1000~26500	-3.21	-48.91	≤-23.21	PASS
		2437	30~1000	-3.84	-61.73	≤-23.84	PASS
			1000~26500	-3.84	-49.26	≤-23.84	PASS
		2462	30~1000	-3.79	-60.86	≤-23.79	PASS
			1000~26500	-3.79	-48.77	≤-23.79	PASS
11N20SISO	Ant1	2412	30~1000	-5.74	-61.33	≤-25.74	PASS
			1000~26500	-5.74	-49.06	≤-25.74	PASS
		2437	30~1000	-2.52	-61.24	≤-22.52	PASS
			1000~26500	-2.52	-49.24	≤-22.52	PASS
		2462	30~1000	-6.38	-61.56	≤-26.38	PASS
			1000~26500	-6.38	-49	≤-26.38	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

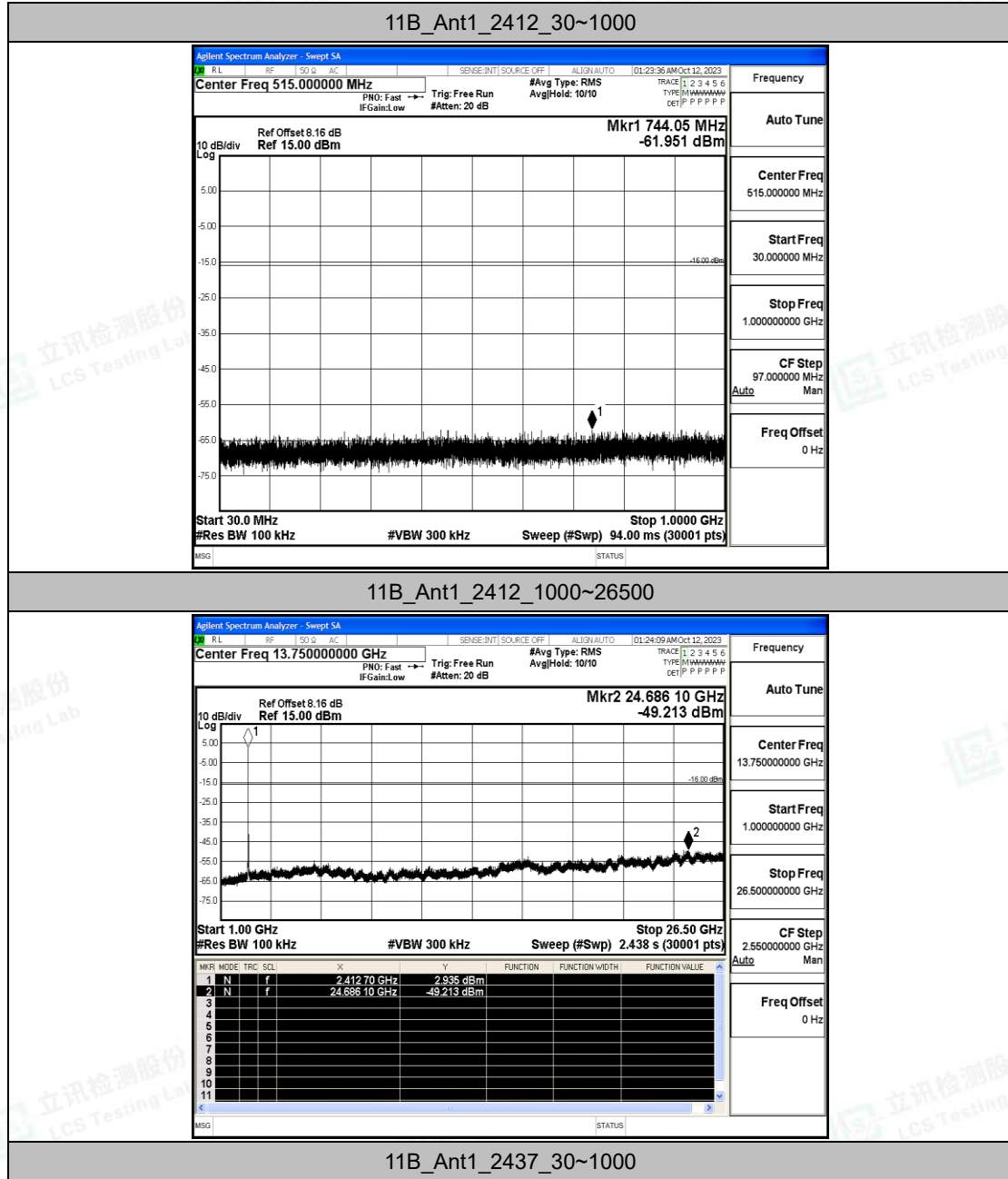
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



LC SA00183245ED

Test Graphs



Shenzhen LCS Compliance Testing Laboratory Ltd.

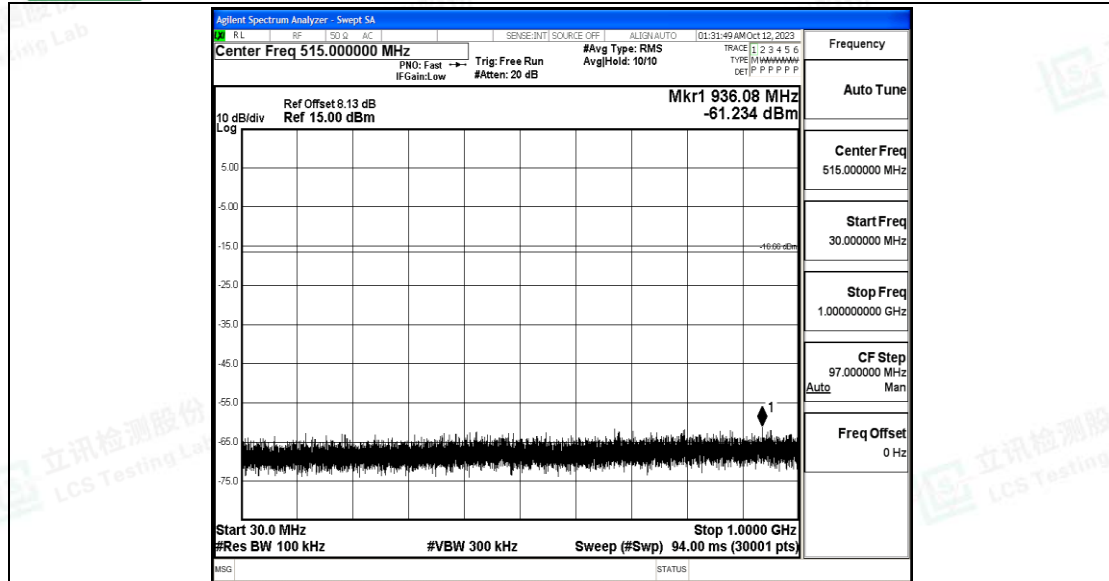
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

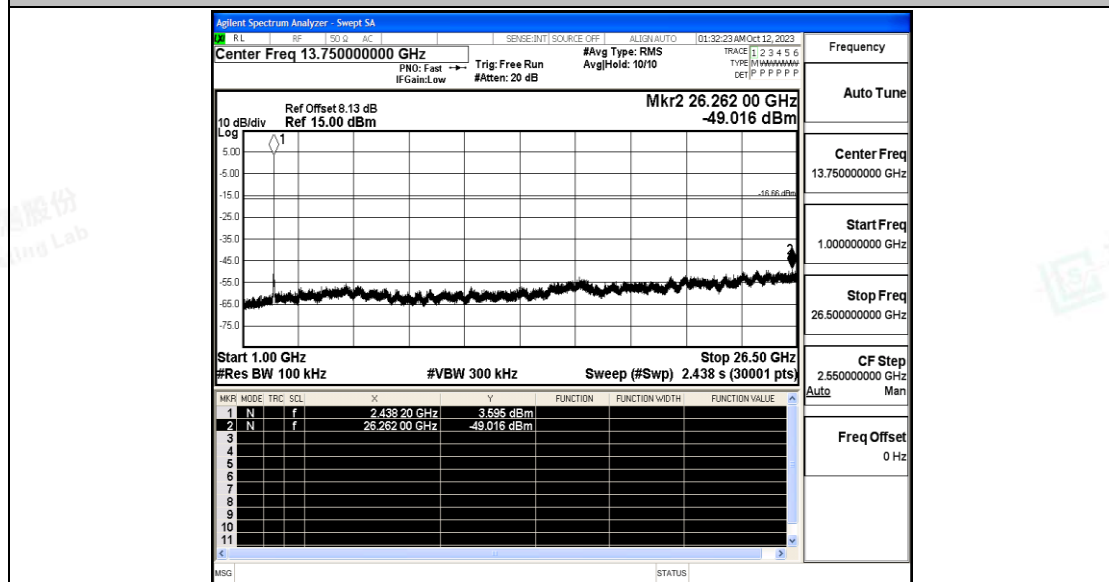
Scan code to check authenticity



LCSA00183245ED



11B_Ant1_2437_1000~26500



11B_Ant1_2462_30~1000



Shenzhen LCS Compliance Testing Laboratory Ltd.

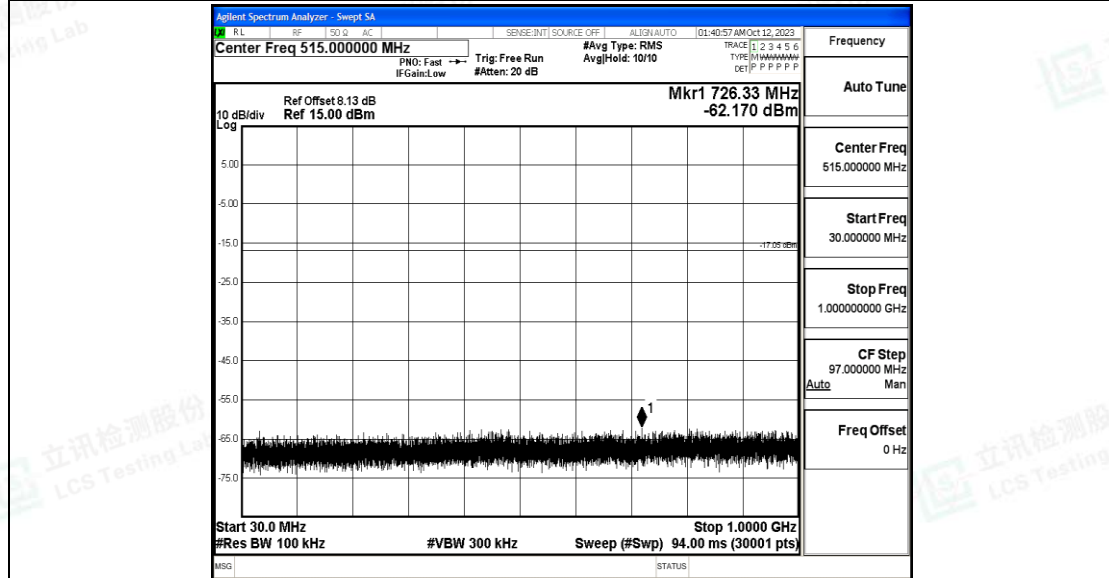
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

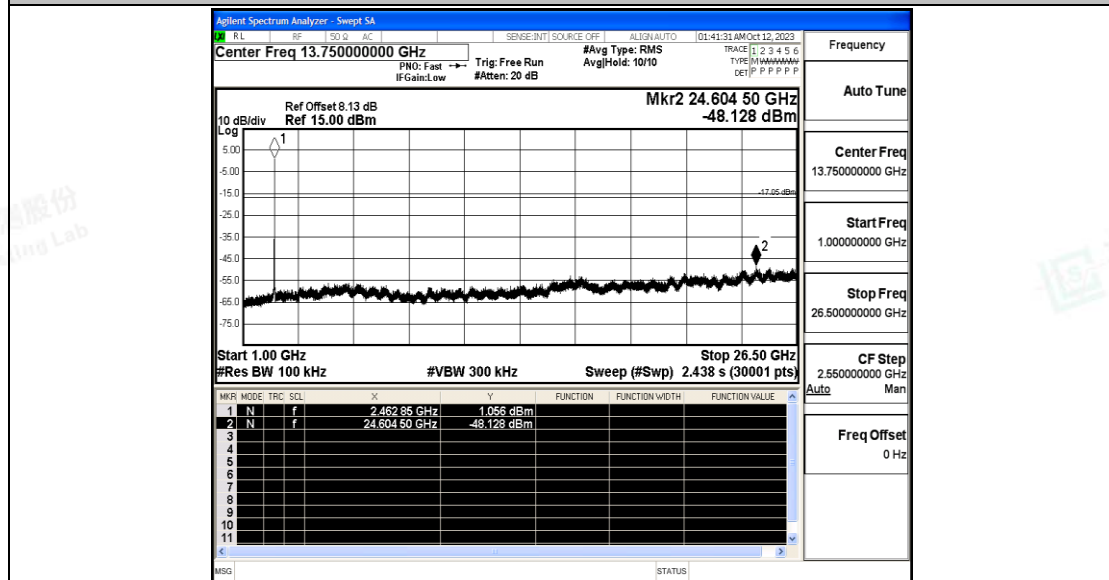
Scan code to check authenticity



LCSA00183245ED



11B_Ant1_2462_1000~26500



11G_Ant1_2412_30~1000



Shenzhen LCS Compliance Testing Laboratory Ltd.

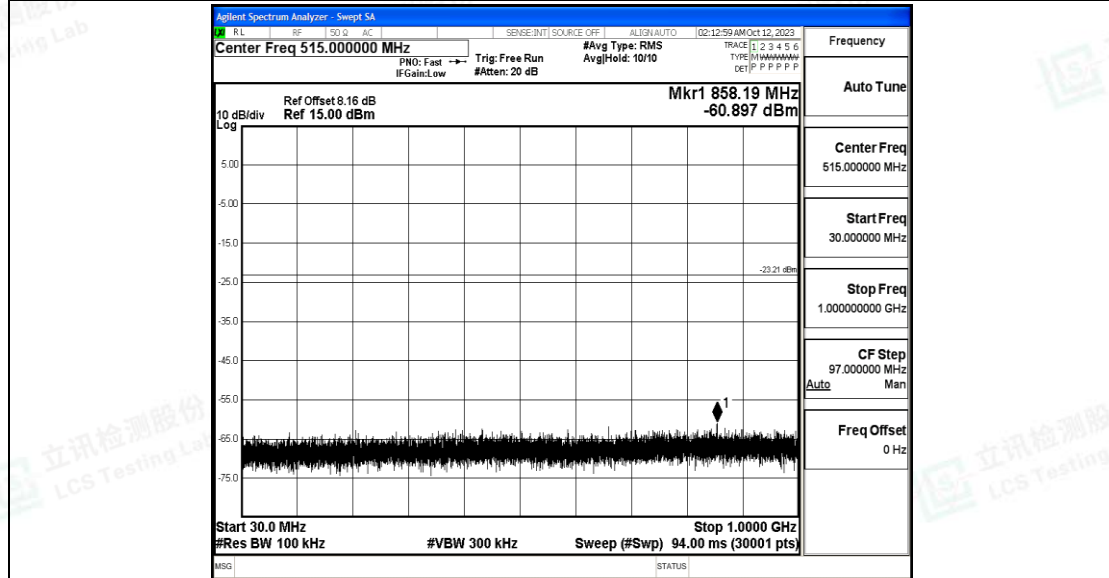
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

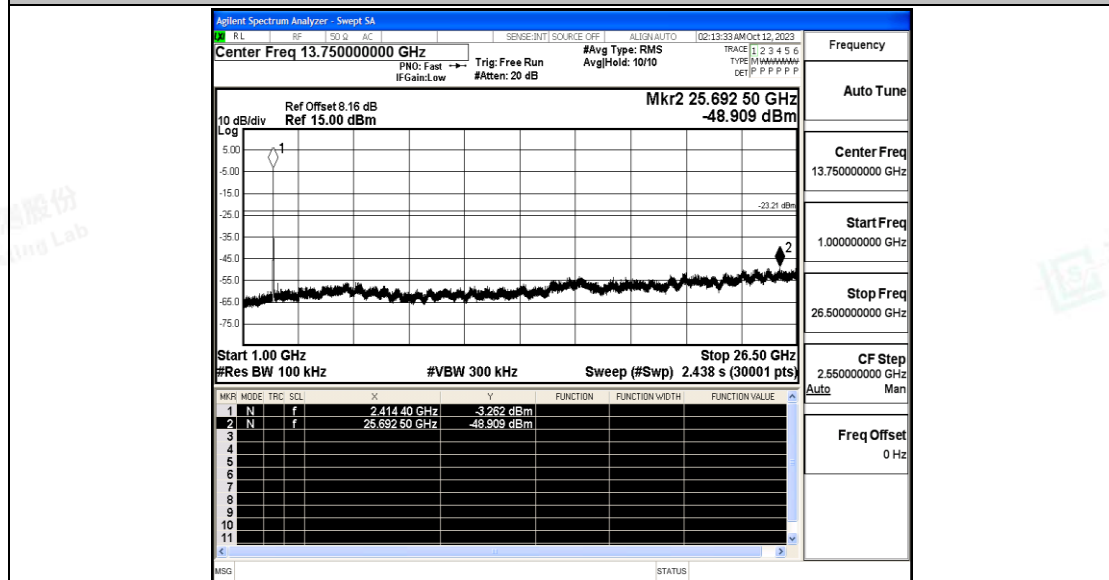
Scan code to check authenticity



LCSA00183245ED



11G_Ant1_2412_1000~26500



11G_Ant1_2437_30~1000



Shenzhen LCS Compliance Testing Laboratory Ltd.

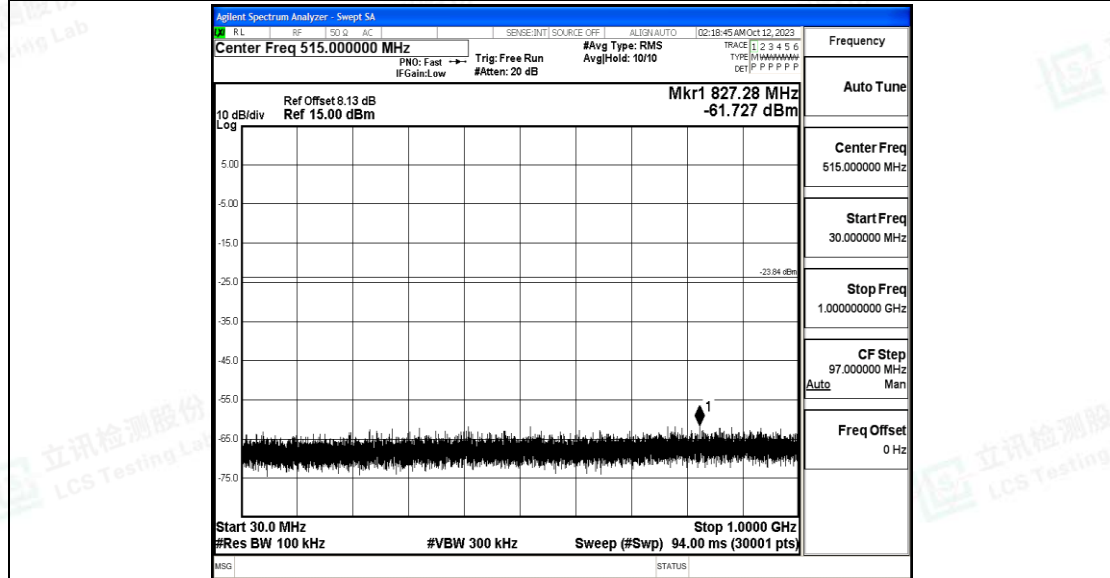
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

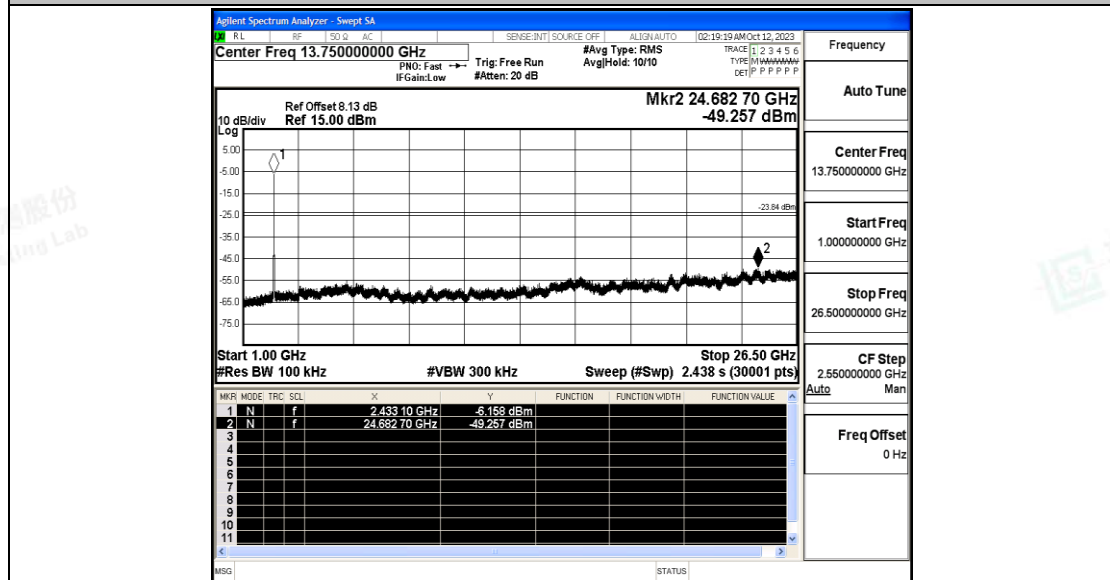
Scan code to check authenticity



LCSA00183245ED



11G_Ant1_2437_1000~26500



11G_Ant1_2462_30~1000



Shenzhen LCS Compliance Testing Laboratory Ltd.

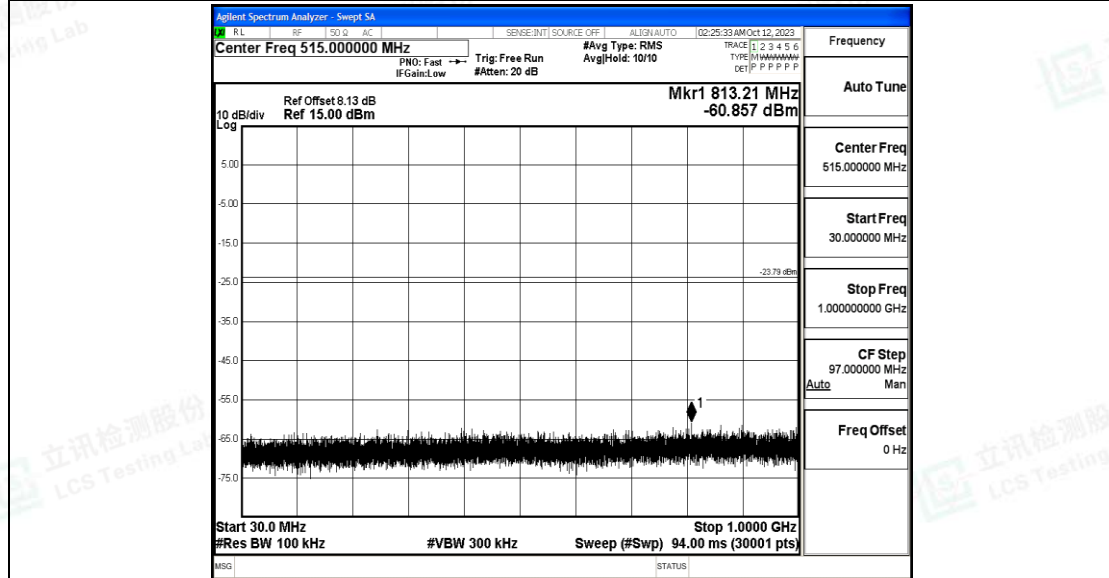
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

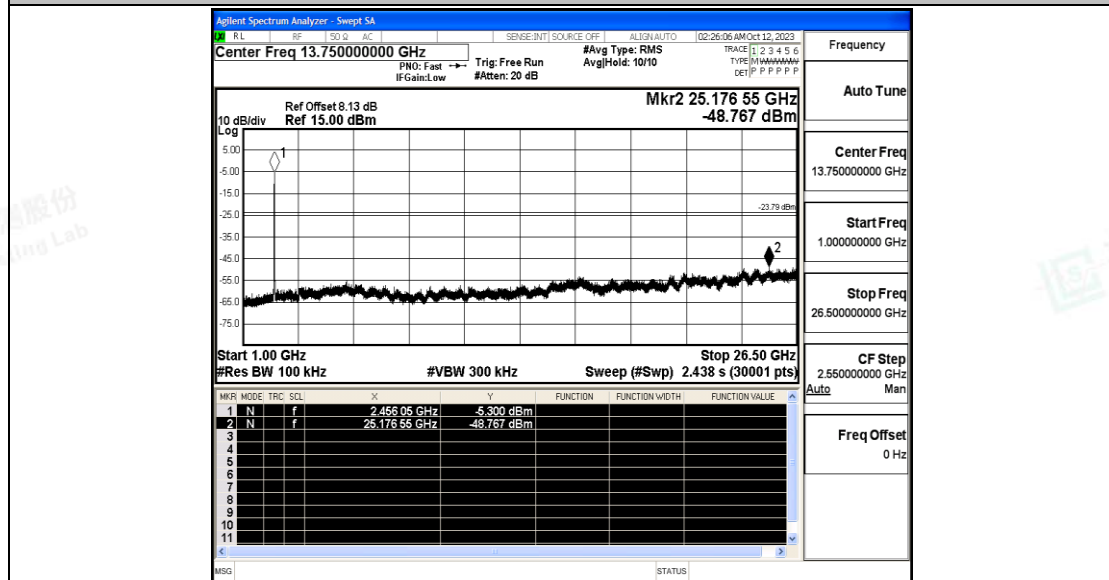
Scan code to check authenticity



LCSA00183245ED



11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_30~1000



Shenzhen LCS Compliance Testing Laboratory Ltd.

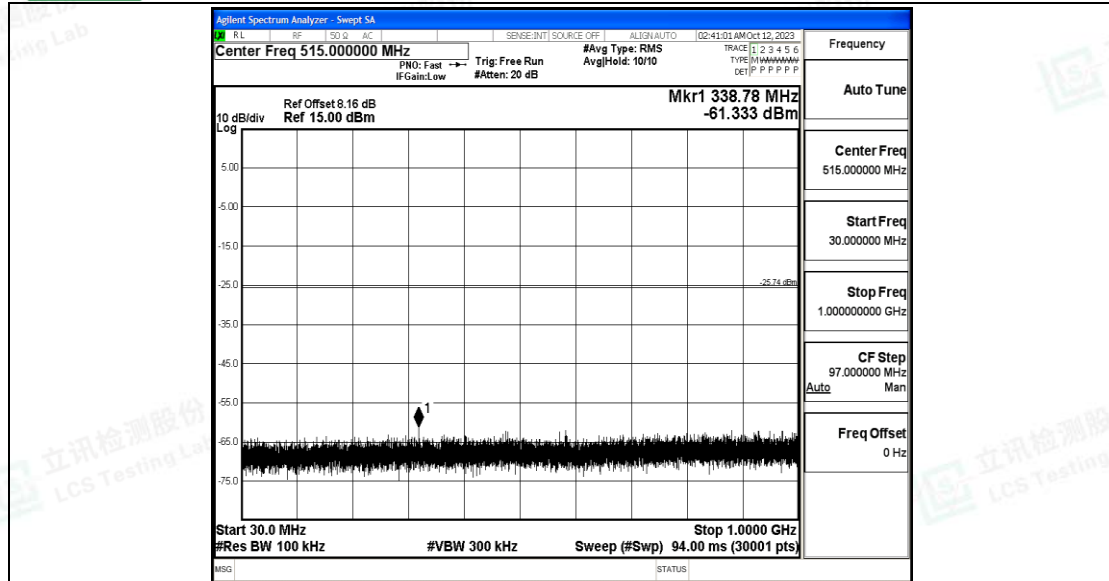
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

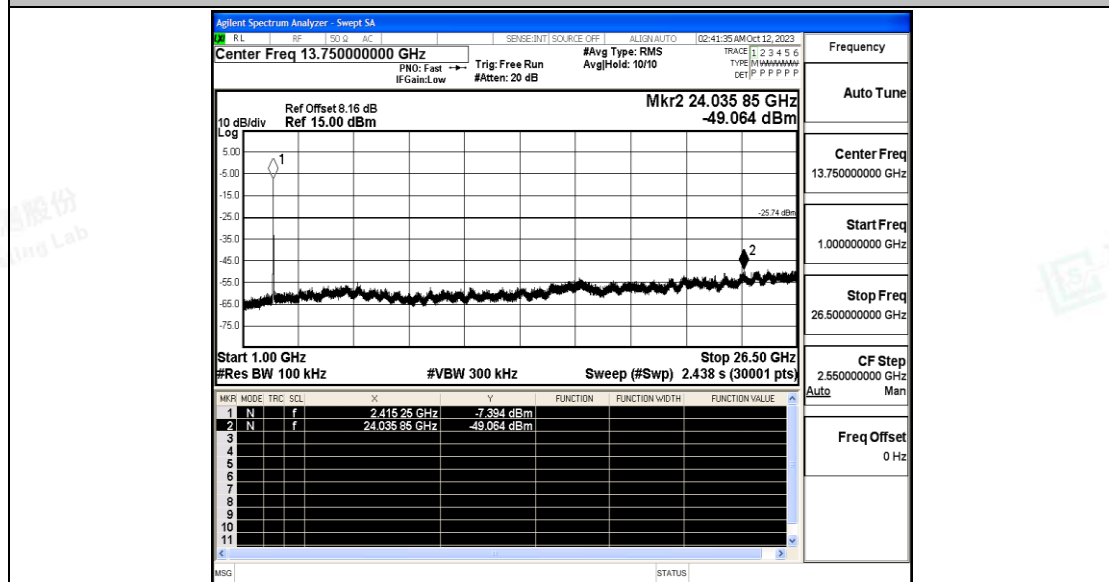
Scan code to check authenticity



LCSA00183245ED



11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_30~1000



Shenzhen LCS Compliance Testing Laboratory Ltd.

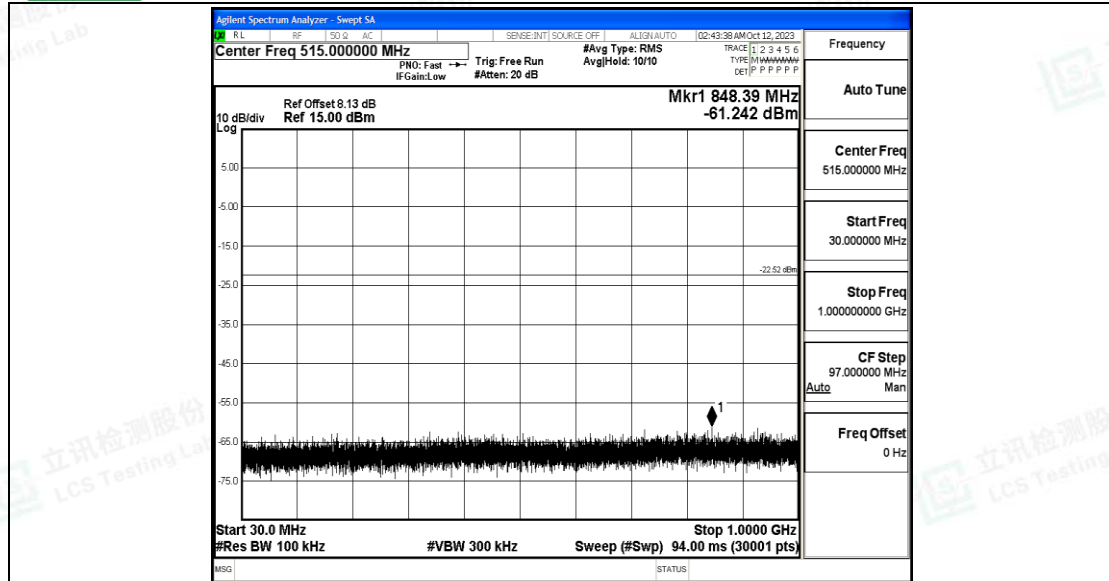
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

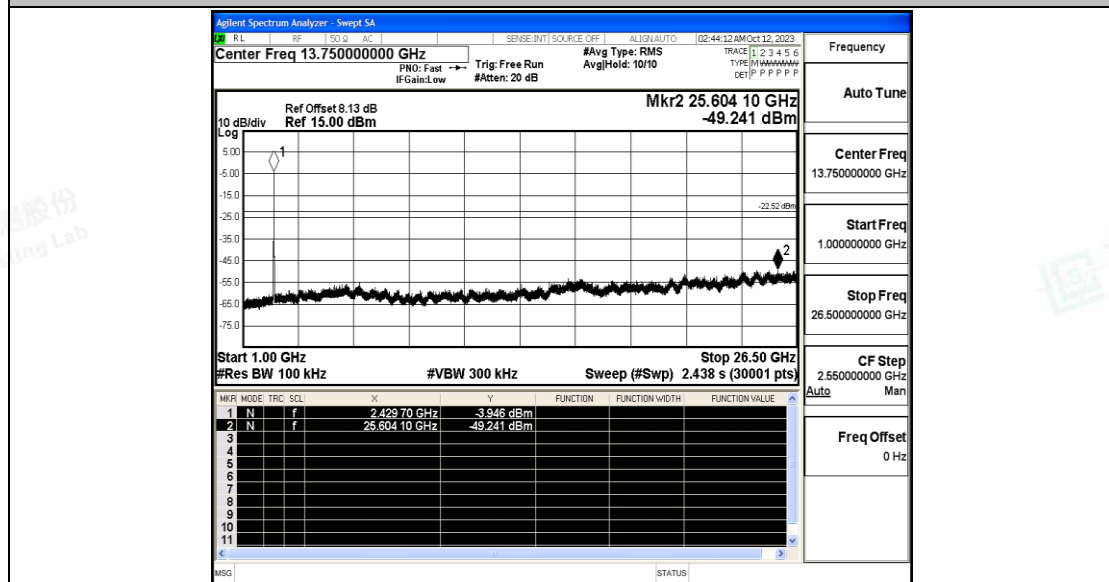
Scan code to check authenticity



LCSA00183245ED



11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_30~1000



Shenzhen LCS Compliance Testing Laboratory Ltd.

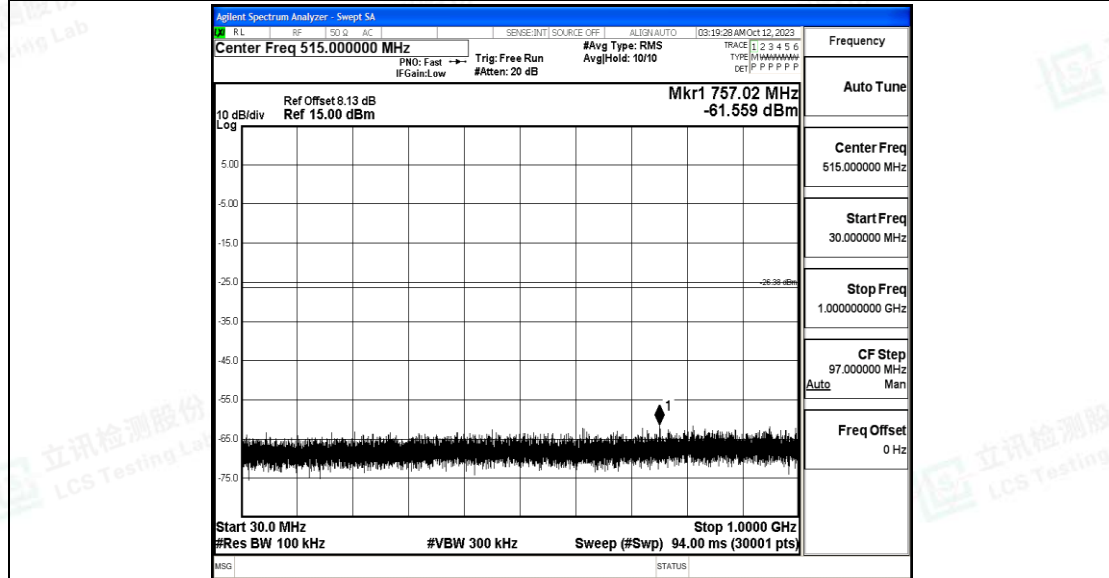
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

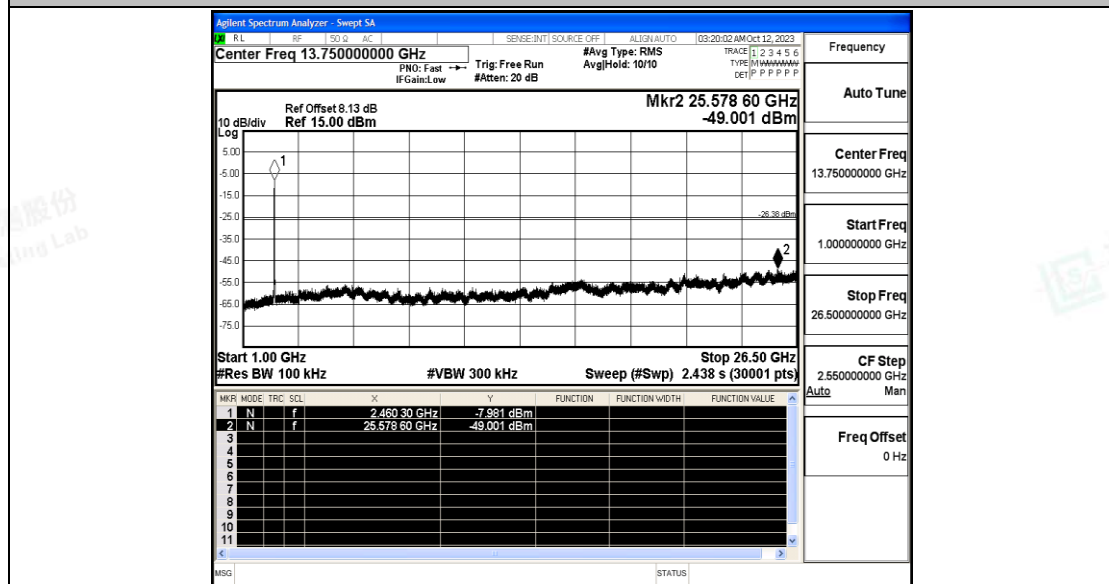
Scan code to check authenticity



LCSA00183245ED



11N20SISO_Ant1_2462_1000~26500



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



LC SA00183245ED

C.6 Duty Cycle

Test Result

TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor	Verdict
11B	Ant1	2412	8.41	8.47	99.29	0.03	---
		2437	8.41	8.46	99.41	0.03	---
		2462	8.42	8.46	99.53	0.02	---
11G	Ant1	2412	1.39	1.45	95.86	0.18	---
		2437	1.39	1.45	95.86	0.18	---
		2462	1.39	1.45	95.86	0.18	---
11N20SISO	Ant1	2412	1.18	1.24	95.16	0.22	---
		2437	1.18	1.23	95.93	0.18	---
		2462	1.18	1.23	95.93	0.18	---



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

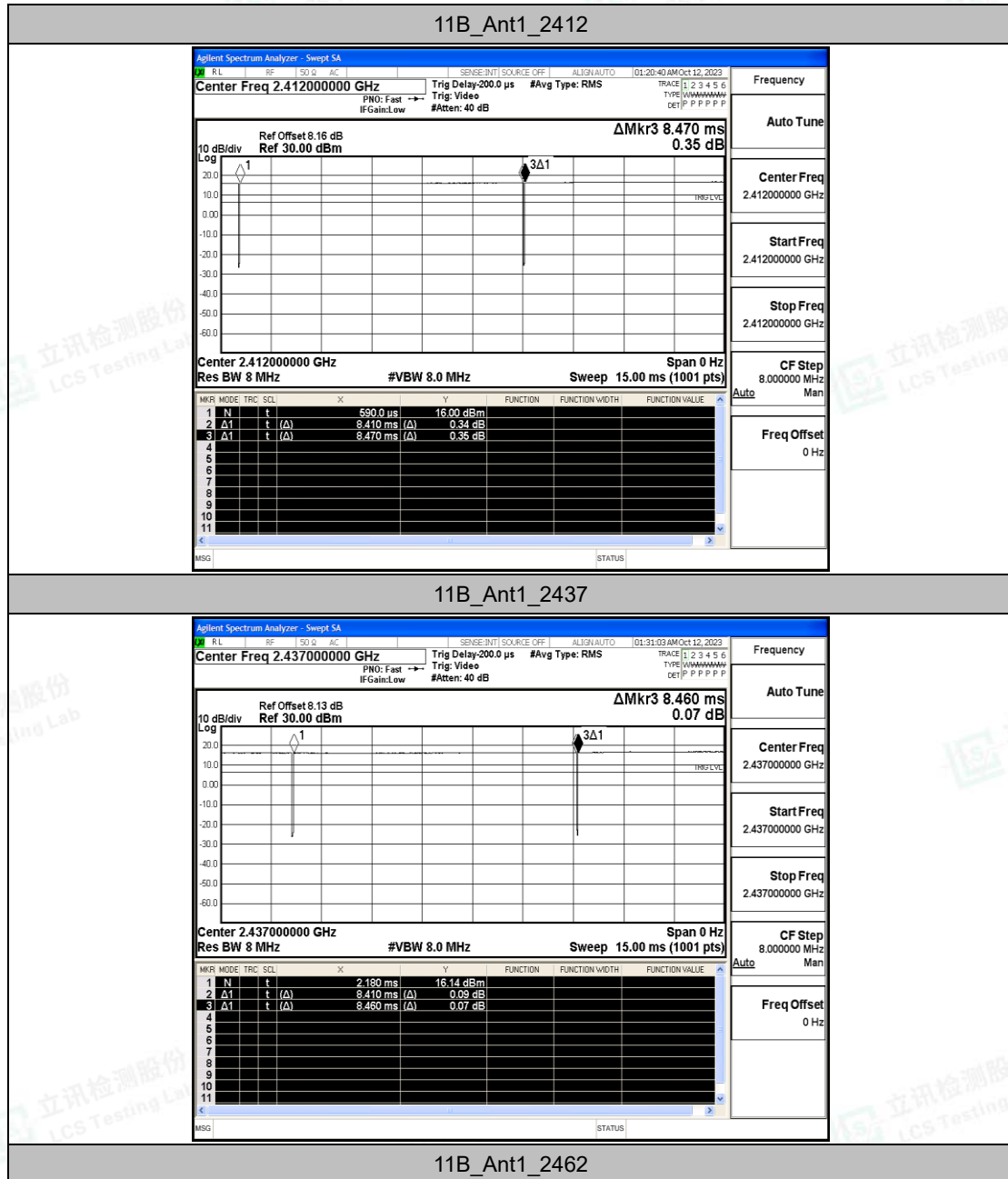
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



LCSA00183245ED

Test Graphs



Shenzhen LCS Compliance Testing Laboratory Ltd.

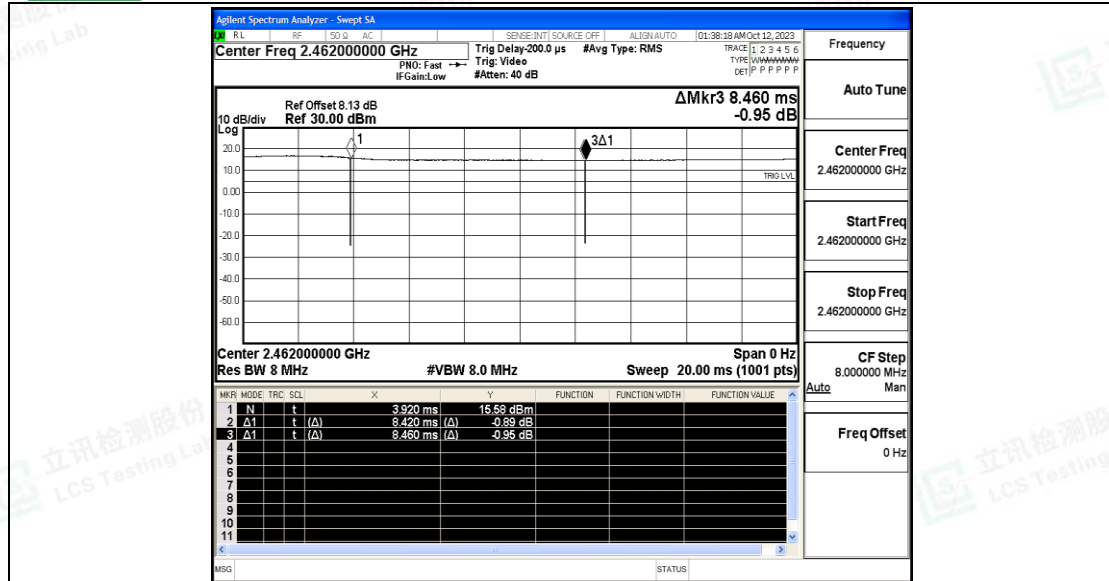
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

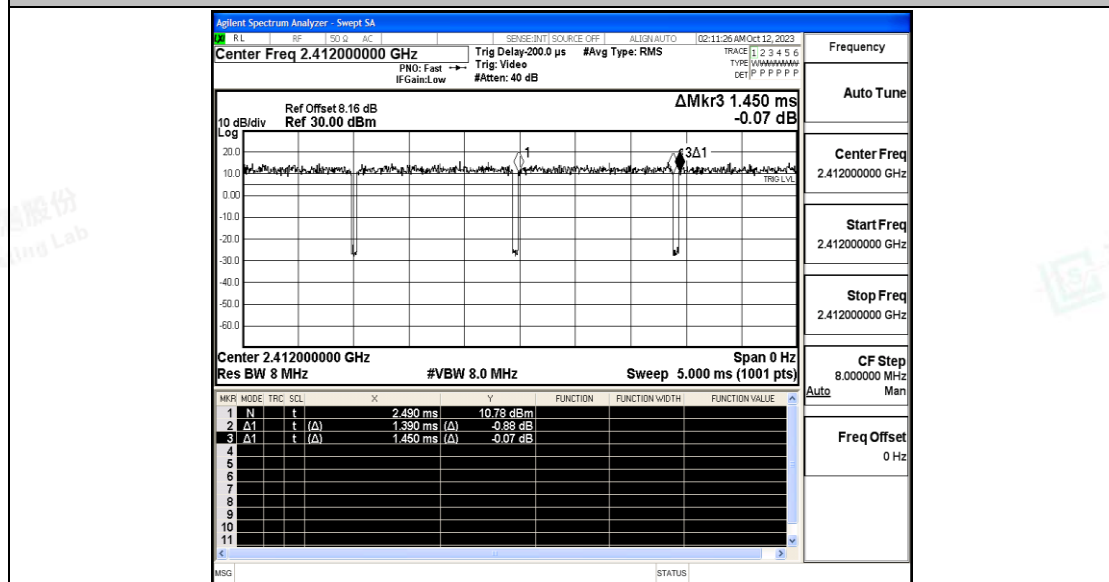
Scan code to check authenticity



LCSA0013245ED



11G_Ant1_2412



11G_Ant1_2437



Shenzhen LCS Compliance Testing Laboratory Ltd.

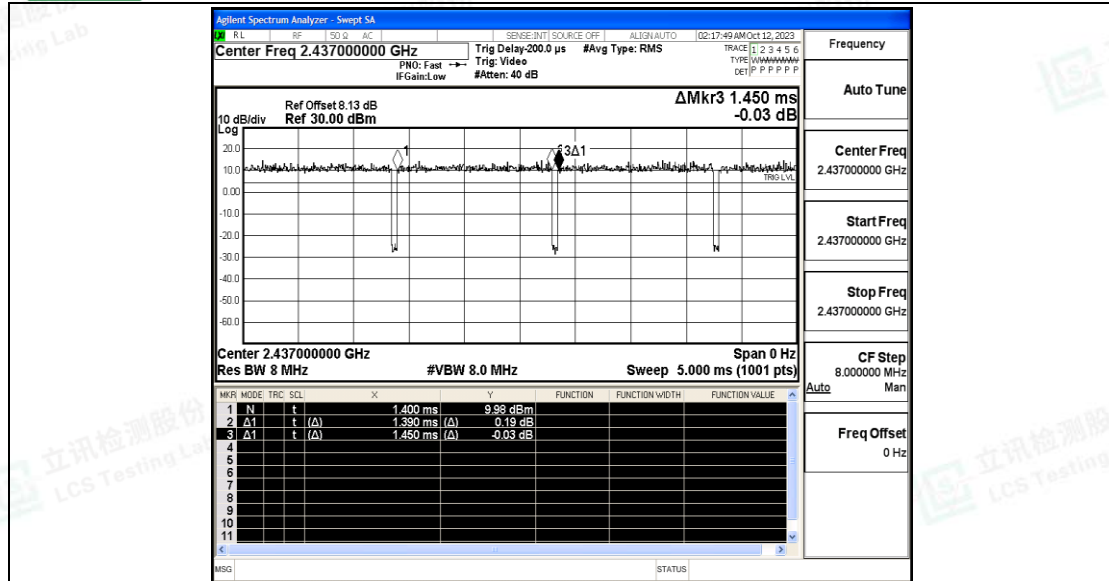
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

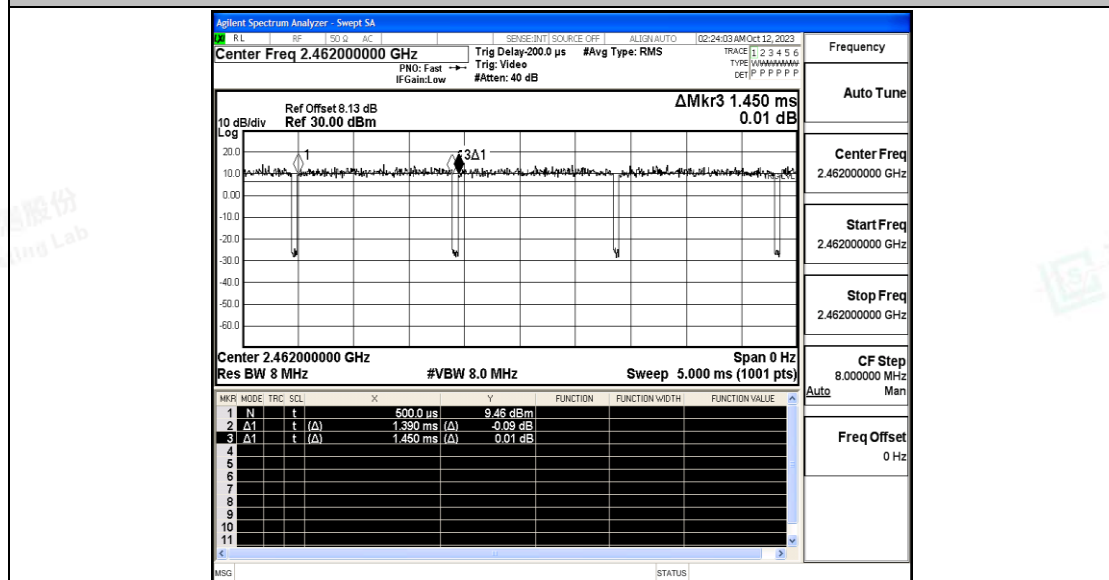
Scan code to check authenticity



LCSA0013245ED



11G_Ant1_2462



11N20SISO_Ant1_2412



Shenzhen LCS Compliance Testing Laboratory Ltd.

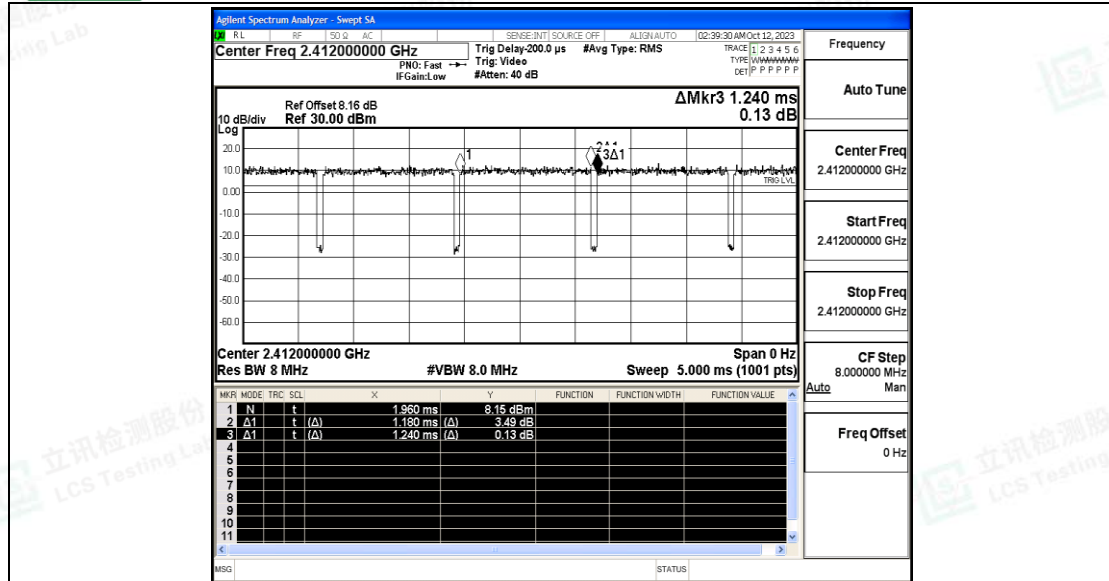
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

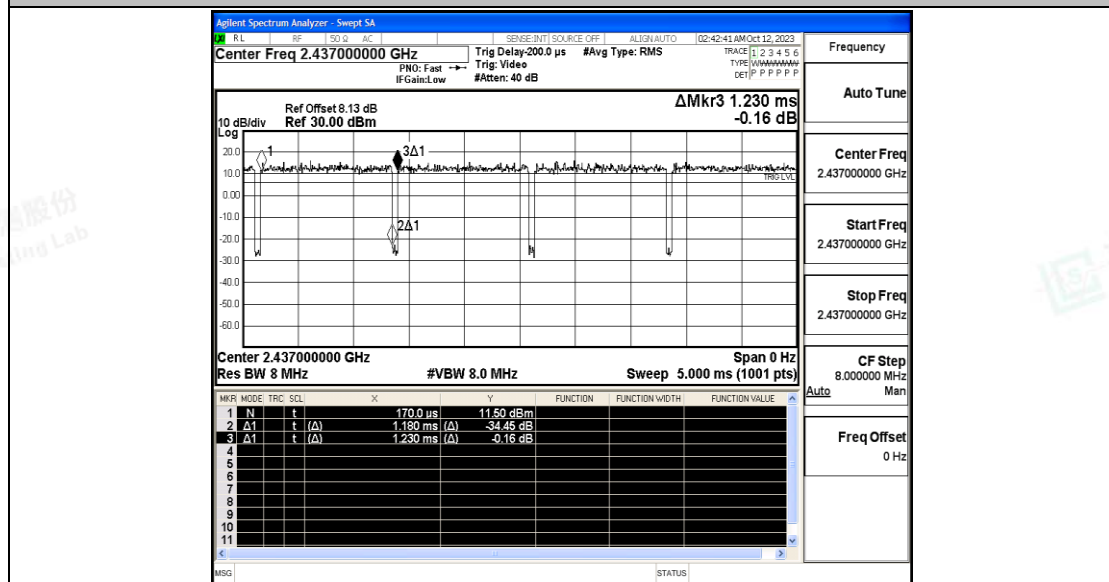
Scan code to check authenticity



LCSA00183245ED



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Shenzhen LCS Compliance Testing Laboratory Ltd.

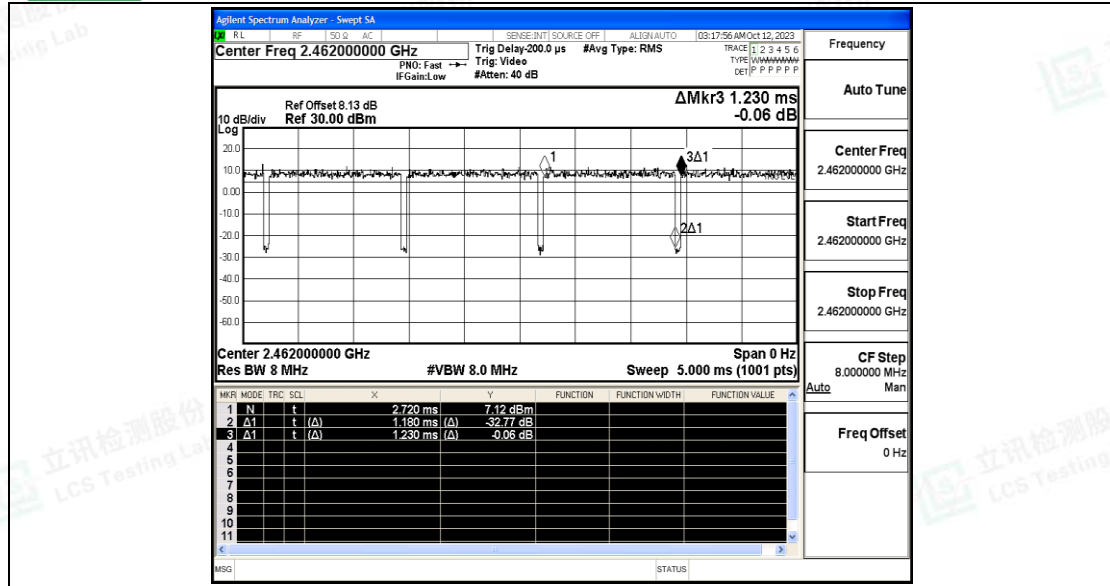
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



LCSA00183245ED



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



C.7 Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	AV	2310.000	-49.34	≤-41.20	PASS
				AV	2389.310	-47.36	≤-41.20	PASS
				AV	2390.000	-47.57	≤-41.20	PASS
				Peak	2310.000	-43.01	≤-21.20	PASS
				Peak	2320.540	-38.35	≤-21.20	PASS
				Peak	2390.000	-39.11	≤-21.20	PASS
		High	2462	AV	2483.500	-48.12	≤-41.20	PASS
				AV	2483.780	-48.12	≤-41.20	PASS
				AV	2500.000	-48.87	≤-41.20	PASS
				Peak	2483.500	-40.95	≤-21.20	PASS
				Peak	2486.860	-39.67	≤-21.20	PASS
				Peak	2500.000	-42.65	≤-21.20	PASS
11G	Ant1	Low	2412	AV	2310.000	-48.84	≤-41.20	PASS
				AV	2389.960	-44.5	≤-41.20	PASS
				AV	2390.000	-44.5	≤-41.20	PASS
				Peak	2310.000	-43.08	≤-21.20	PASS
				Peak	2389.310	-30.75	≤-21.20	PASS
				Peak	2390.000	-37.2	≤-21.20	PASS
		High	2462	AV	2483.500	-45.9	≤-41.20	PASS
				AV	2483.560	-45.93	≤-41.20	PASS
				AV	2500.000	-48.42	≤-41.20	PASS
				Peak	2483.500	-36.72	≤-21.20	PASS
				Peak	2484.110	-36.46	≤-21.20	PASS
				Peak	2500.000	-41.66	≤-21.20	PASS
11N20SI SO	Ant1	Low	2412	AV	2310.000	-48.73	≤-41.20	PASS
				AV	2389.960	-45.93	≤-41.20	PASS
				AV	2390.000	-45.93	≤-41.20	PASS
				Peak	2310.000	-42.97	≤-21.20	PASS
				Peak	2387.230	-38.71	≤-21.20	PASS
				Peak	2390.000	-41.17	≤-21.20	PASS
		High	2462	AV	2483.500	-44.77	≤-41.20	PASS
				AV	2483.560	-45.09	≤-41.20	PASS
				AV	2500.000	-48.27	≤-41.20	PASS
				Peak	2483.500	-35.95	≤-21.20	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



LCSA00183245ED

			Peak	2485.540	-32.1	≤-21.20	PASS
			Peak	2500.000	-43.25	≤-21.20	PASS

Note:

1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

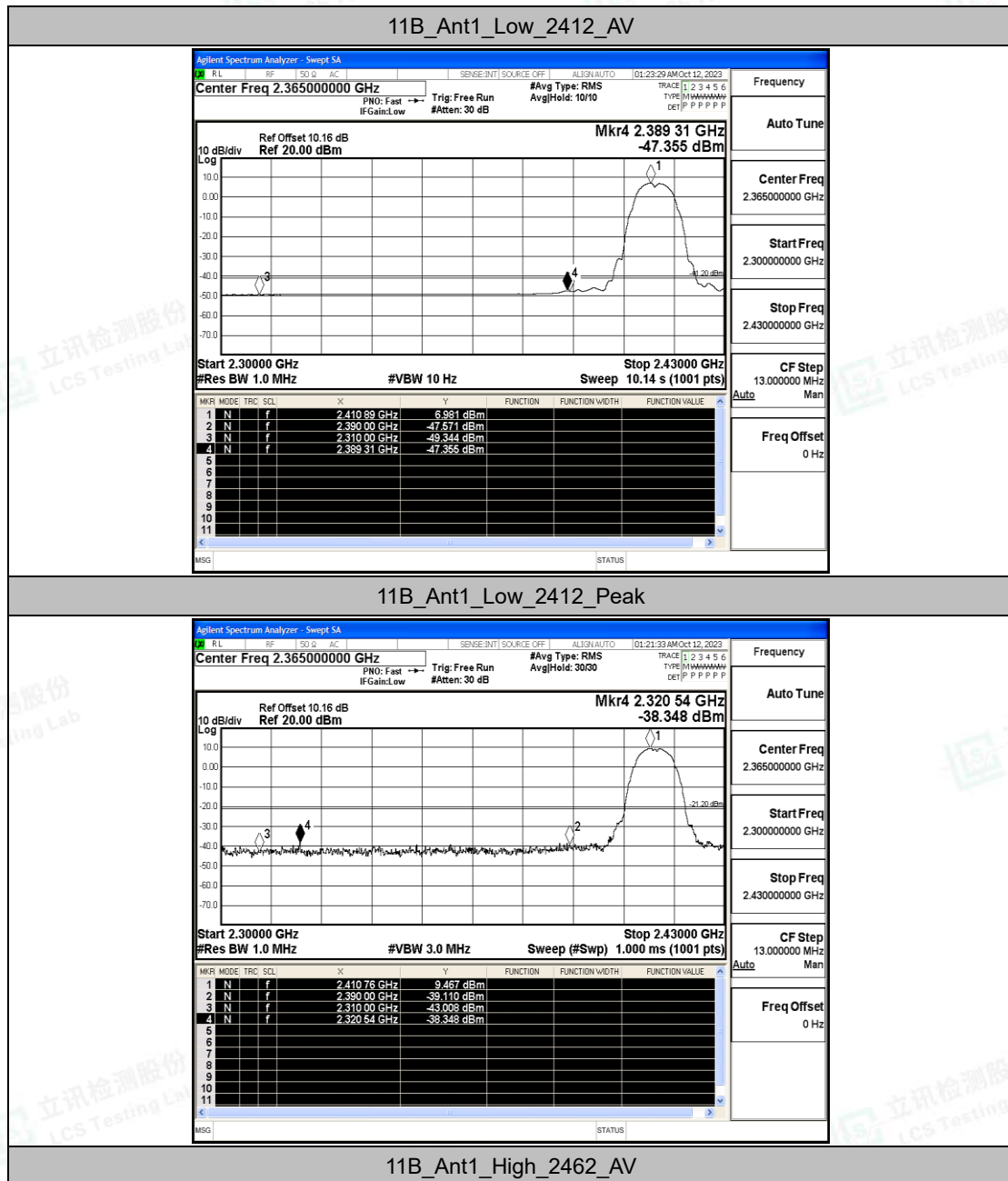


Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



LCSA0183245ED

Test Graphs



Shenzhen LCS Compliance Testing Laboratory Ltd.

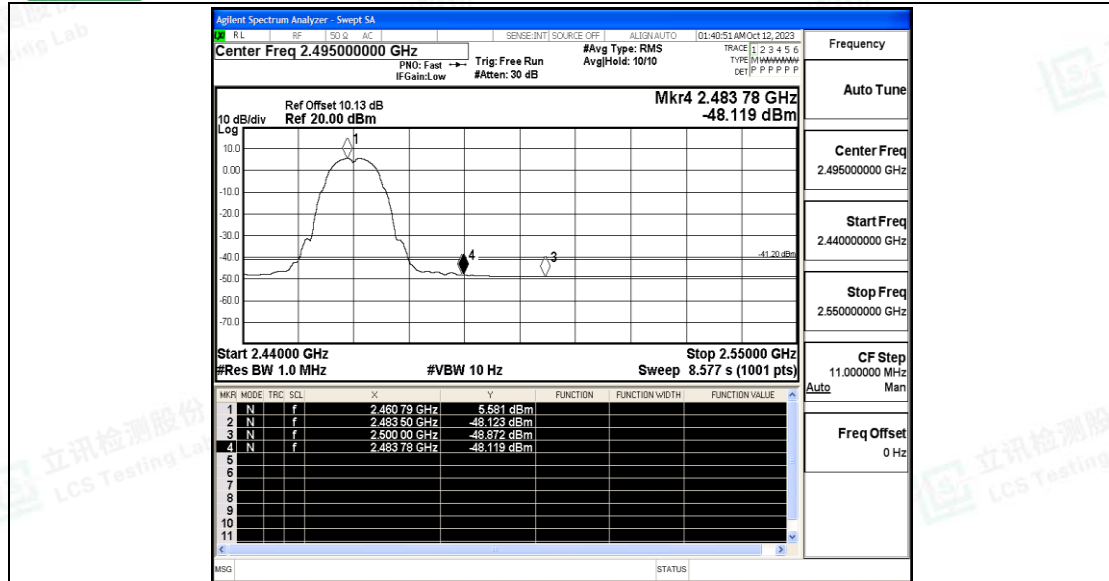
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

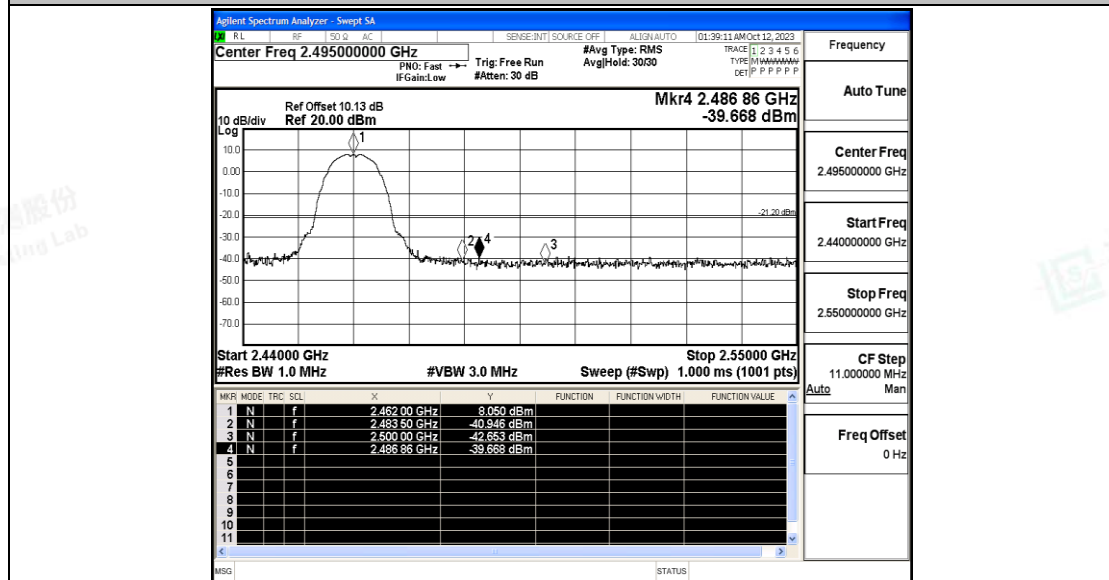
Scan code to check authenticity



LCSA00183245ED



11B_Ant1_High_2462_Peak



11G_Ant1_Low_2412_AV



Shenzhen LCS Compliance Testing Laboratory Ltd.

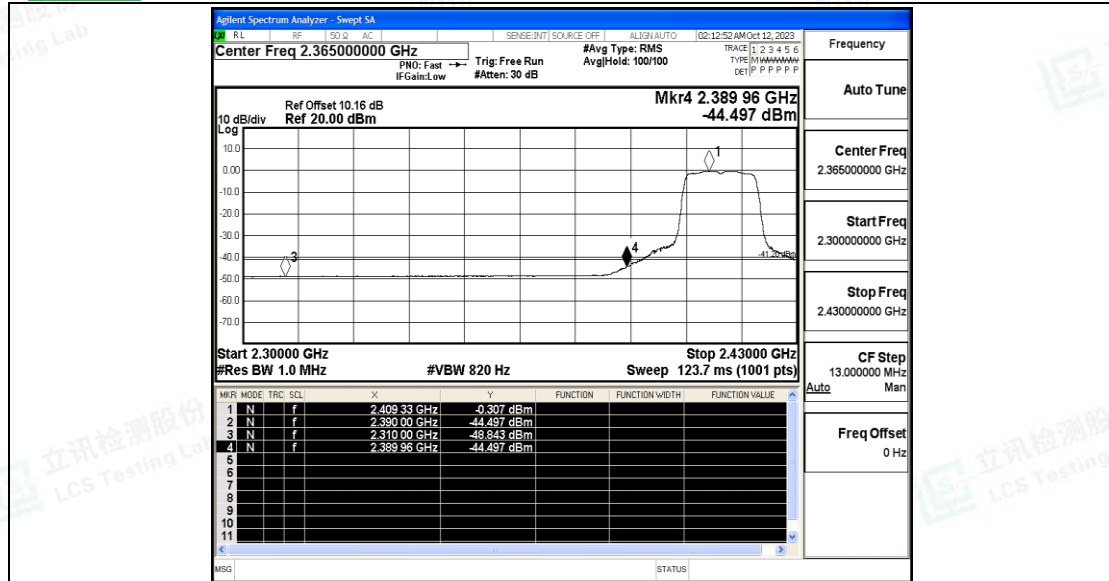
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

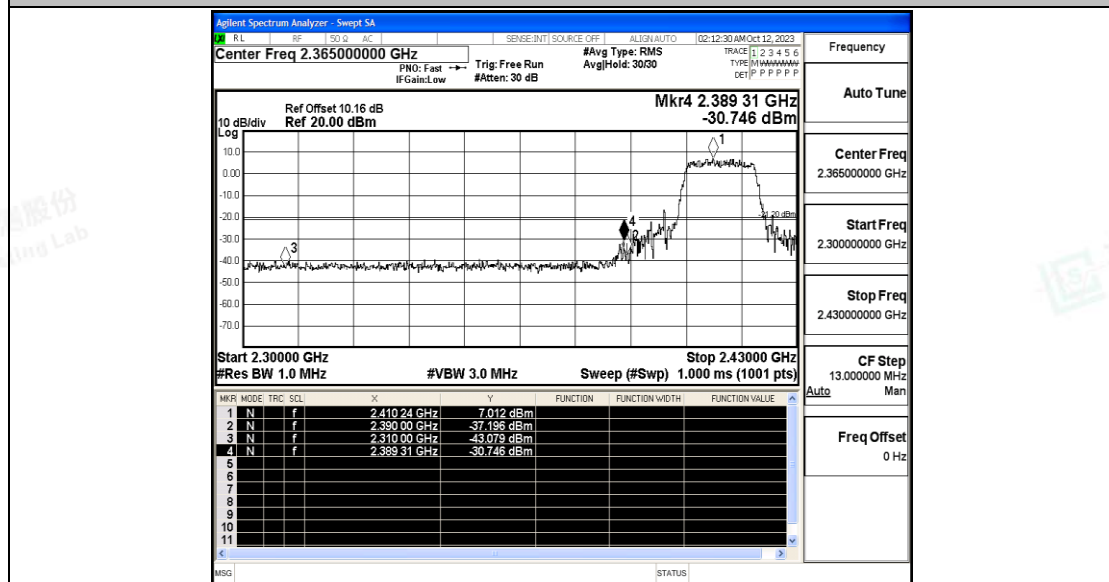
Scan code to check authenticity



LC SA00183245ED



11G_Ant1_Low_2412_Peak



11G_Ant1_High_2462_AV



Shenzhen LCS Compliance Testing Laboratory Ltd.

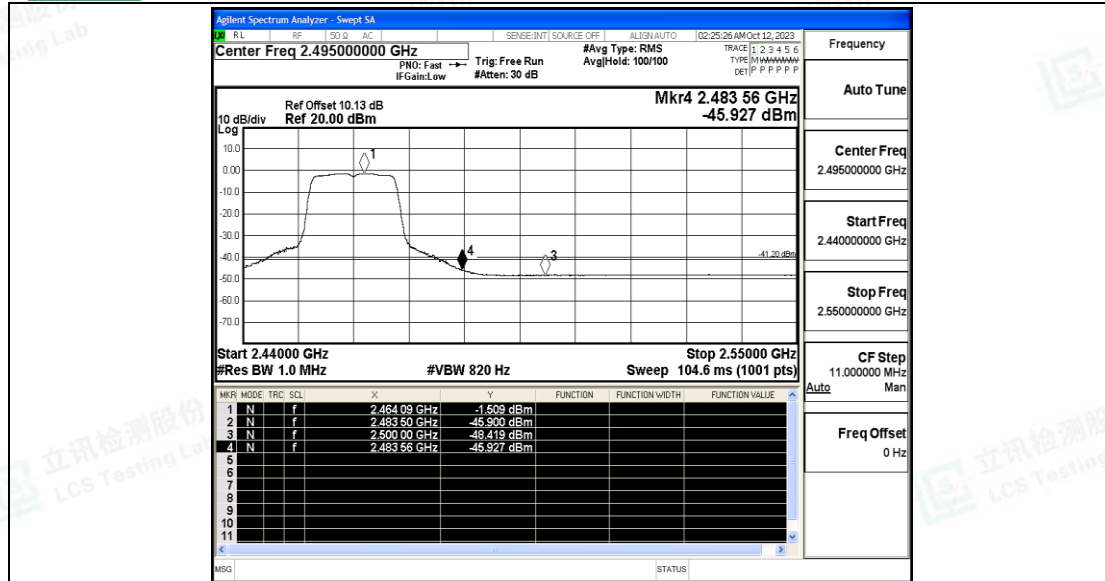
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

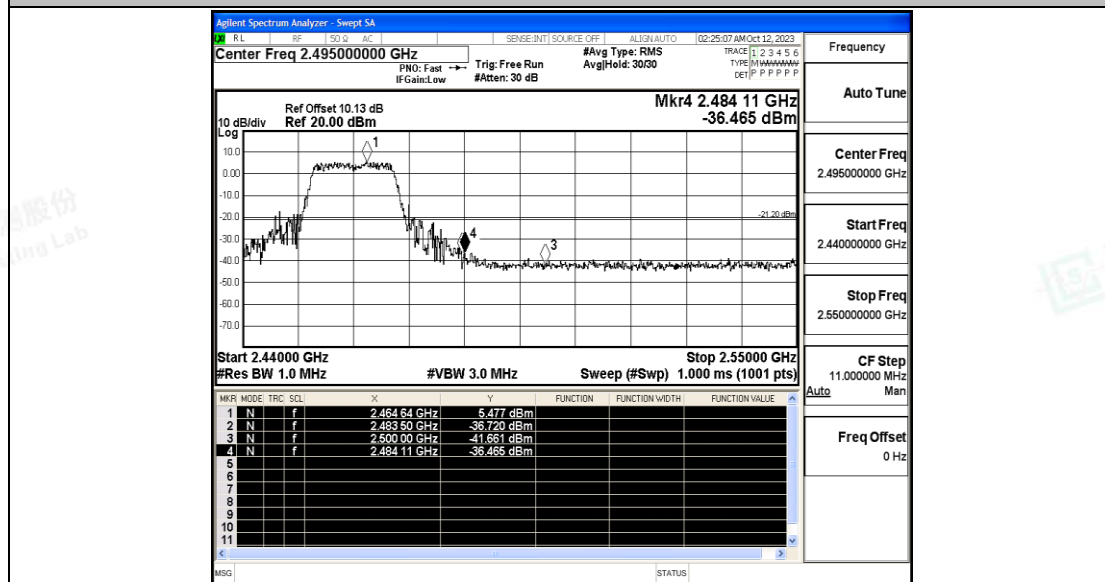
Scan code to check authenticity



LCSA00183245ED



11G_Ant1_High_2462_Peak



11N20SISO_Ant1_Low_2412_AV



Shenzhen LCS Compliance Testing Laboratory Ltd.

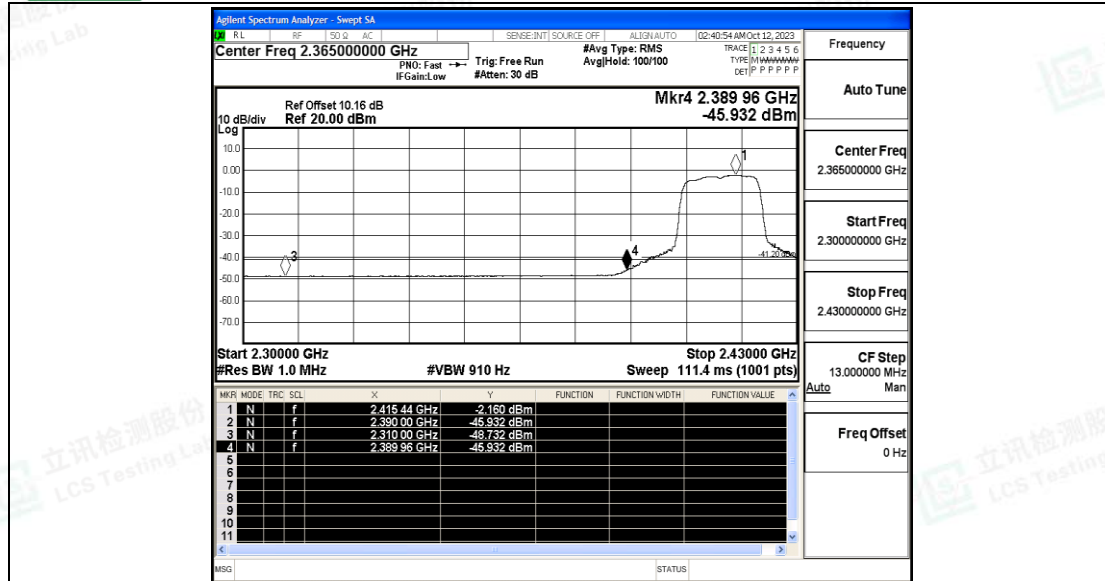
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

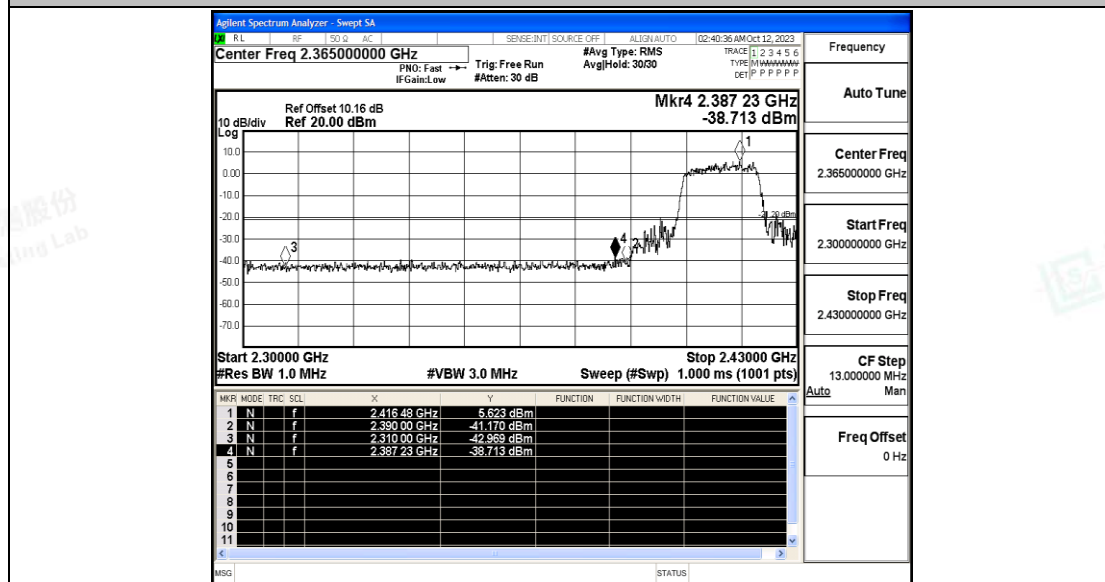
Scan code to check authenticity



LC SA00183245ED



11N20SISO_Ant1_Low_2412_Peak



11N20SISO_Ant1_High_2462_AV



Shenzhen LCS Compliance Testing Laboratory Ltd.

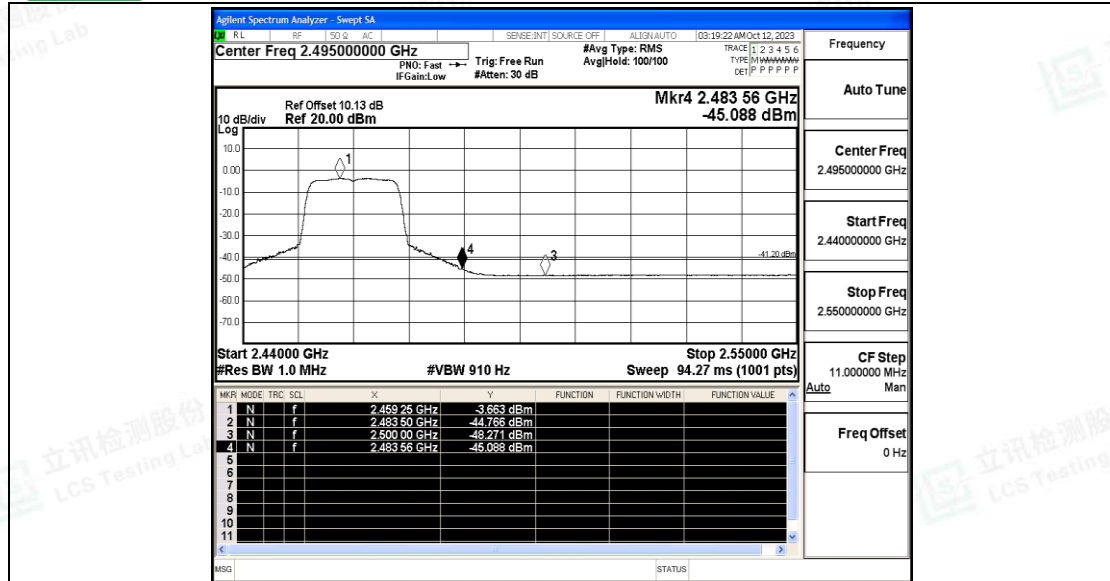
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

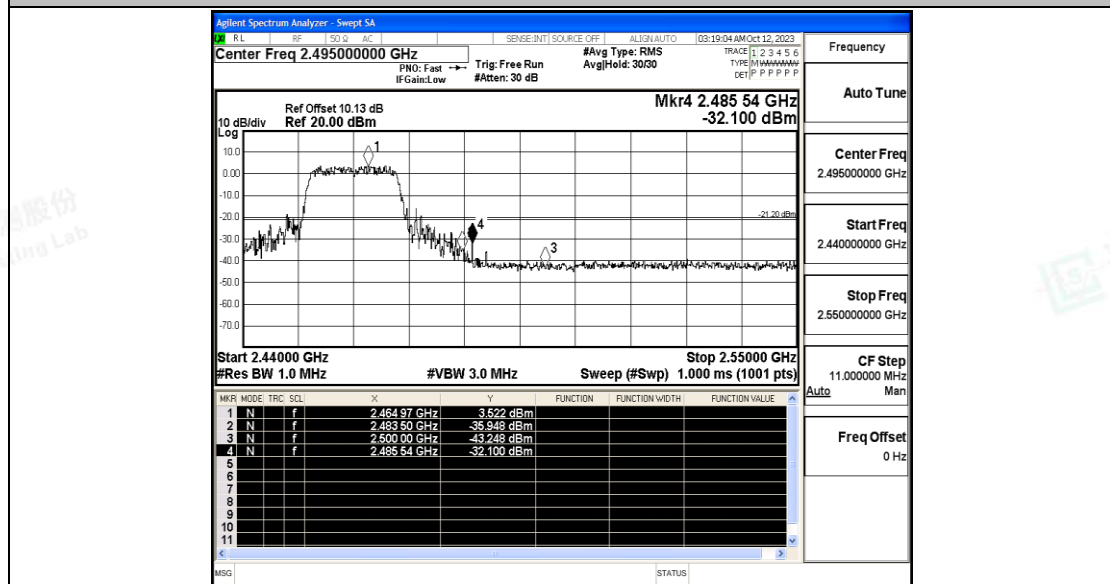
Scan code to check authenticity



LCSA00183245ED



11N20SISO_Ant1_High_2462_Peak



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity