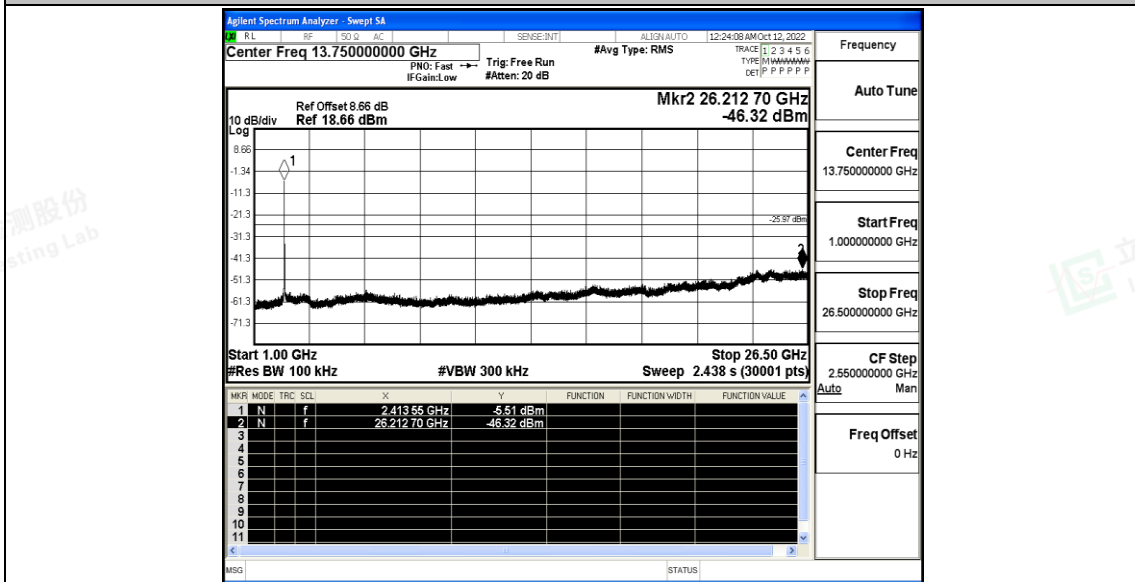
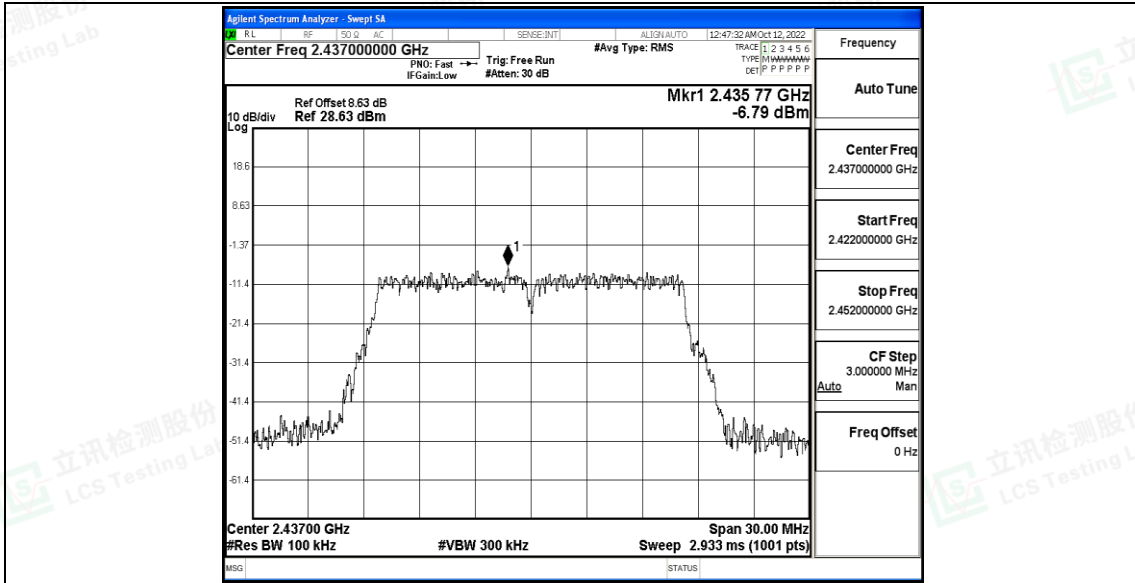


11G\_Ant\_2412\_1000~26500

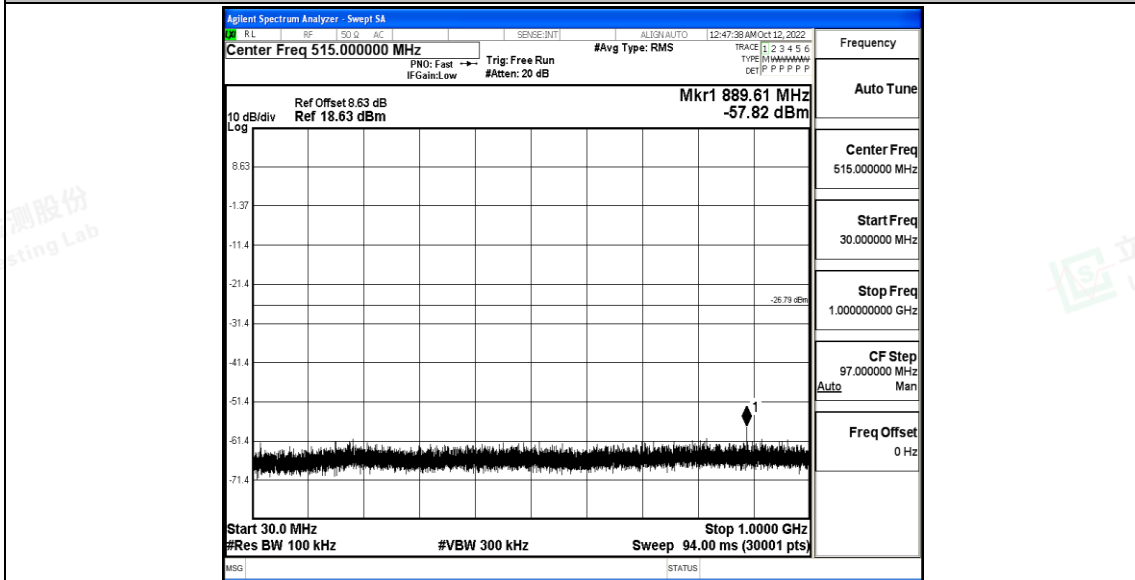


11G\_Ant\_2437\_0~Reference





11G\_Ant\_2437\_30~1000



11G\_Ant\_2437\_1000~26500

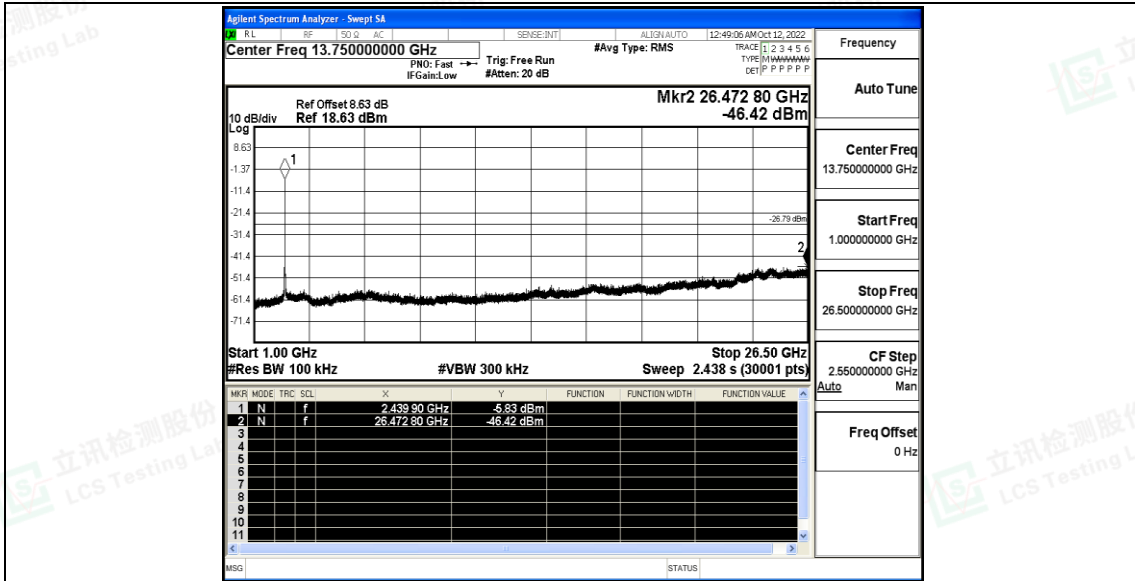


Shenzhen LCS Compliance Testing Laboratory Ltd.

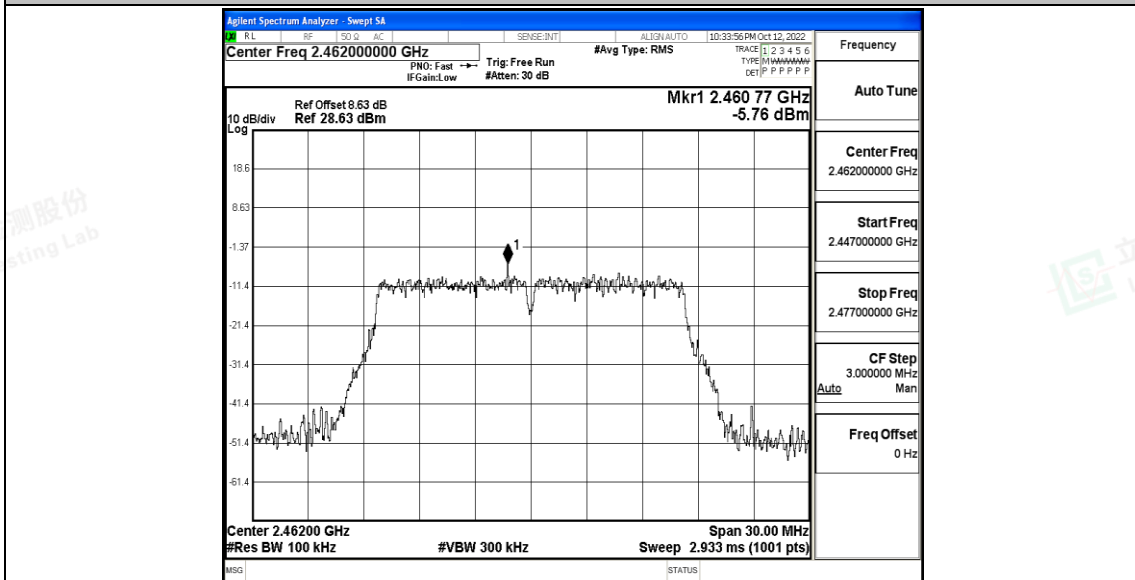
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11G\_Ant\_2462\_0~Reference



11G\_Ant\_2462\_30~1000

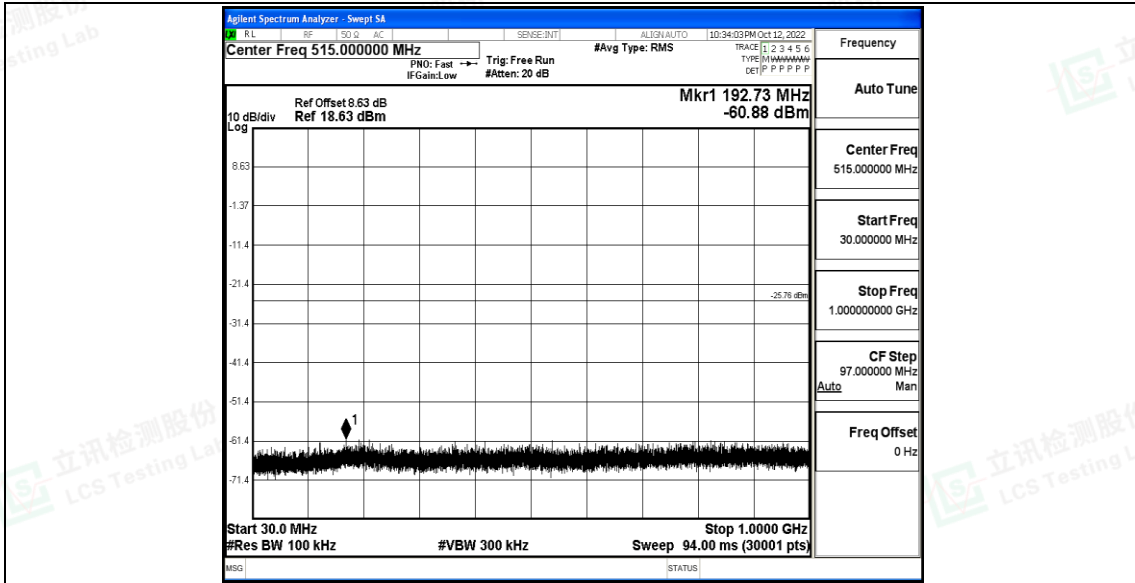


Shenzhen LCS Compliance Testing Laboratory Ltd.

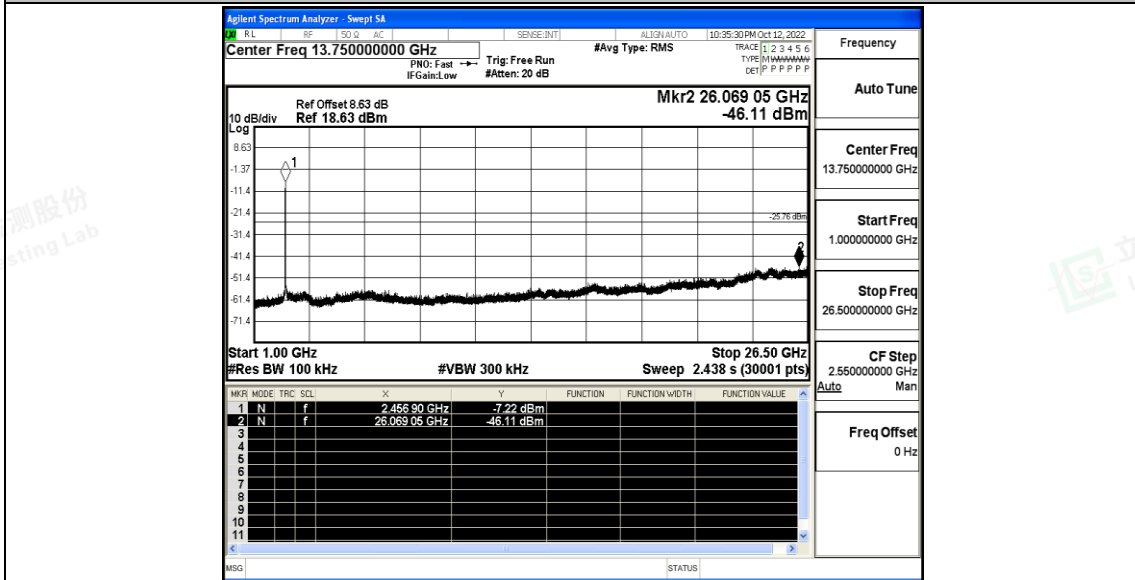
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11G\_Ant\_2462\_1000-26500



11N20SISO\_Ant\_2412\_0-Reference

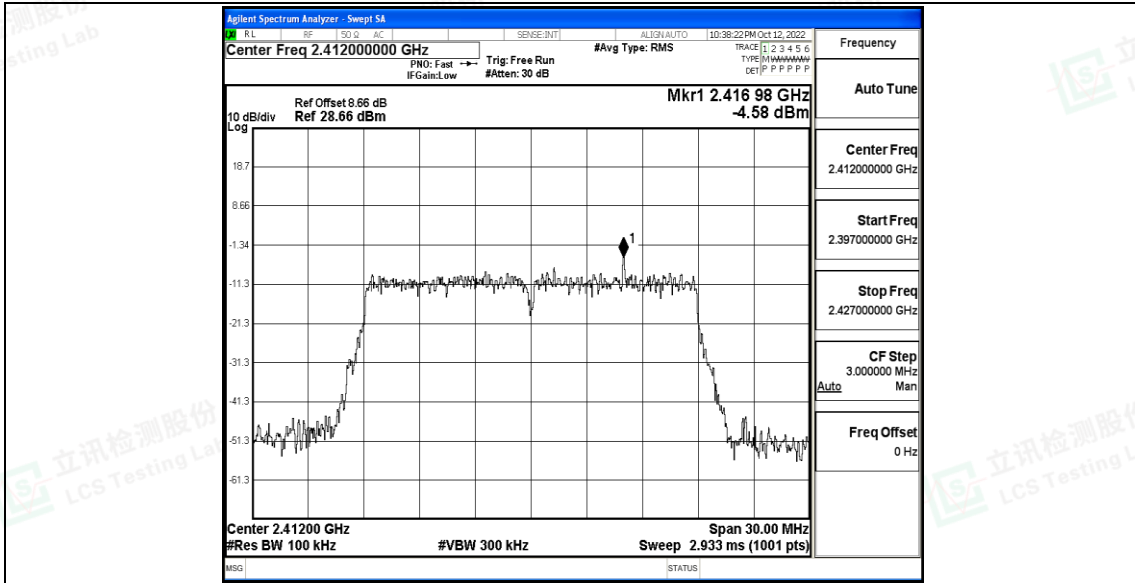


Shenzhen LCS Compliance Testing Laboratory Ltd.

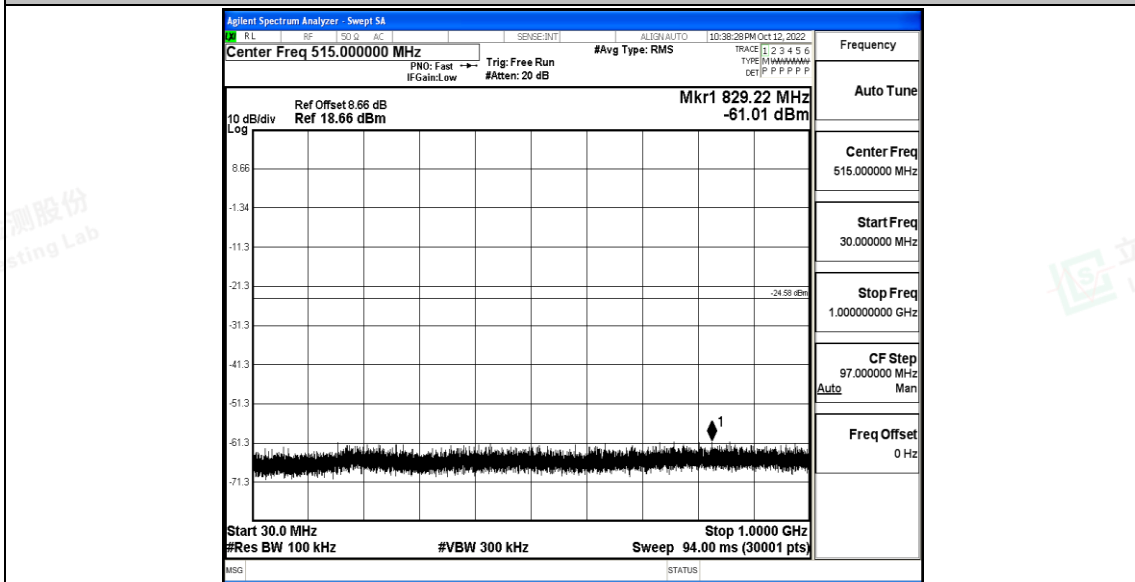
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N20SISO\_Ant\_2412\_30~1000



11N20SISO\_Ant\_2412\_1000~26500

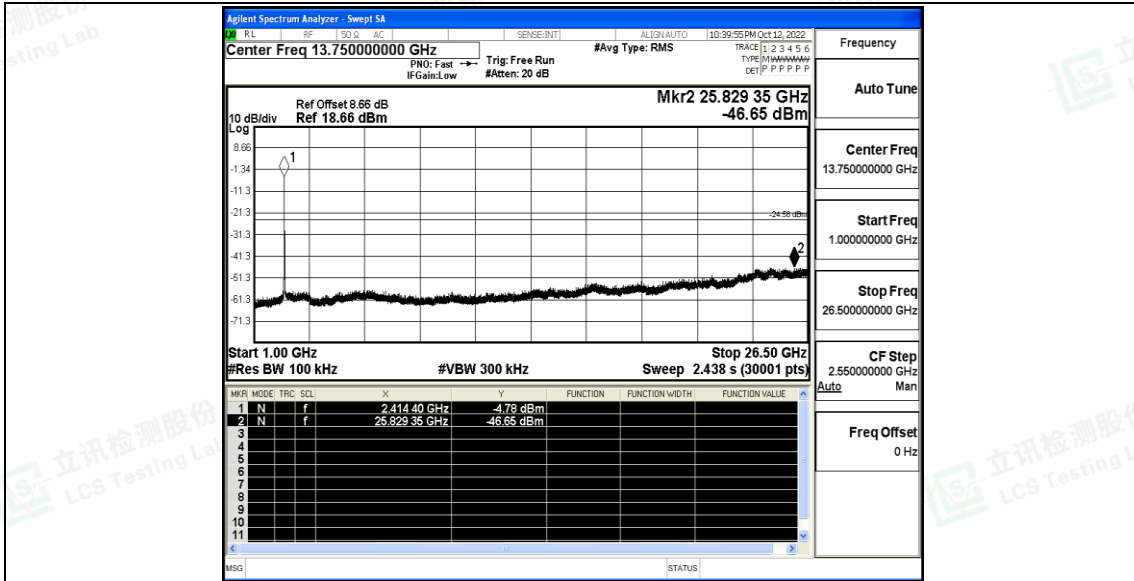


Shenzhen LCS Compliance Testing Laboratory Ltd.

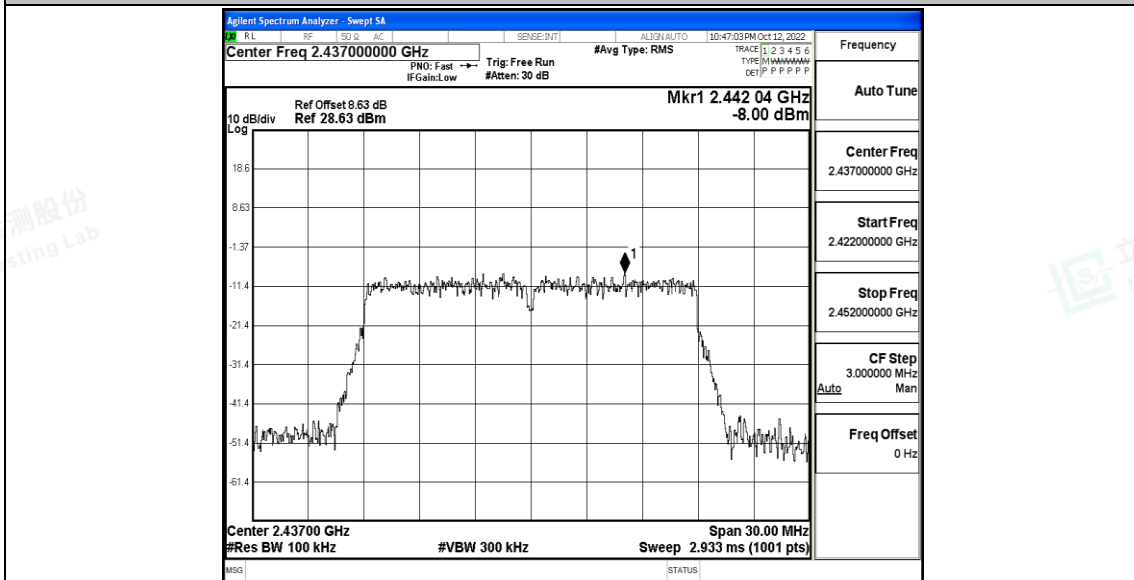
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N20SISO\_Ant\_2437\_0-Reference



11N20SISO\_Ant\_2437\_30~1000

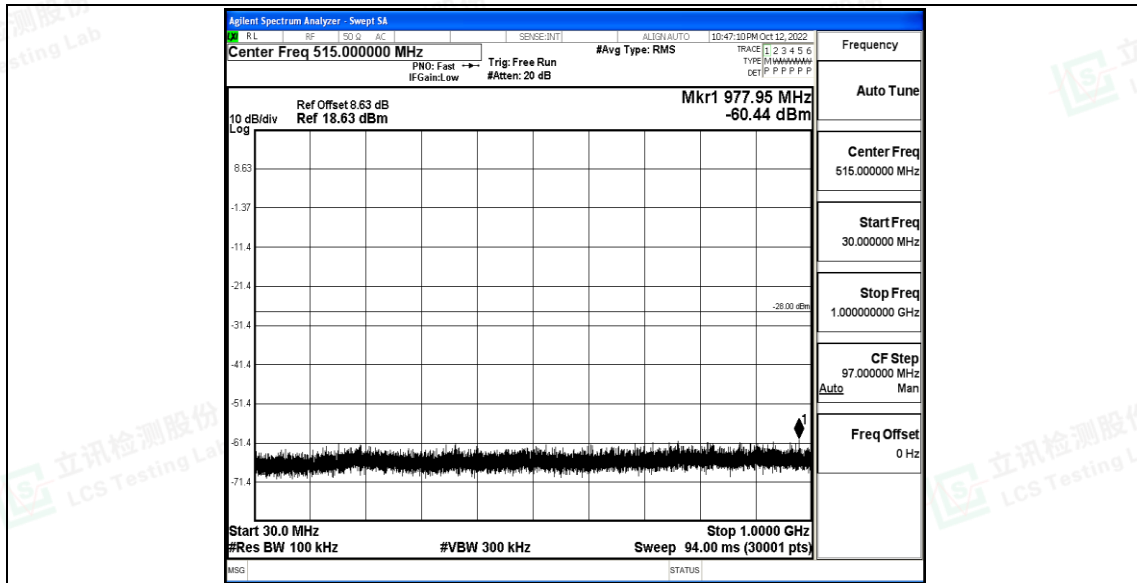


Shenzhen LCS Compliance Testing Laboratory Ltd.

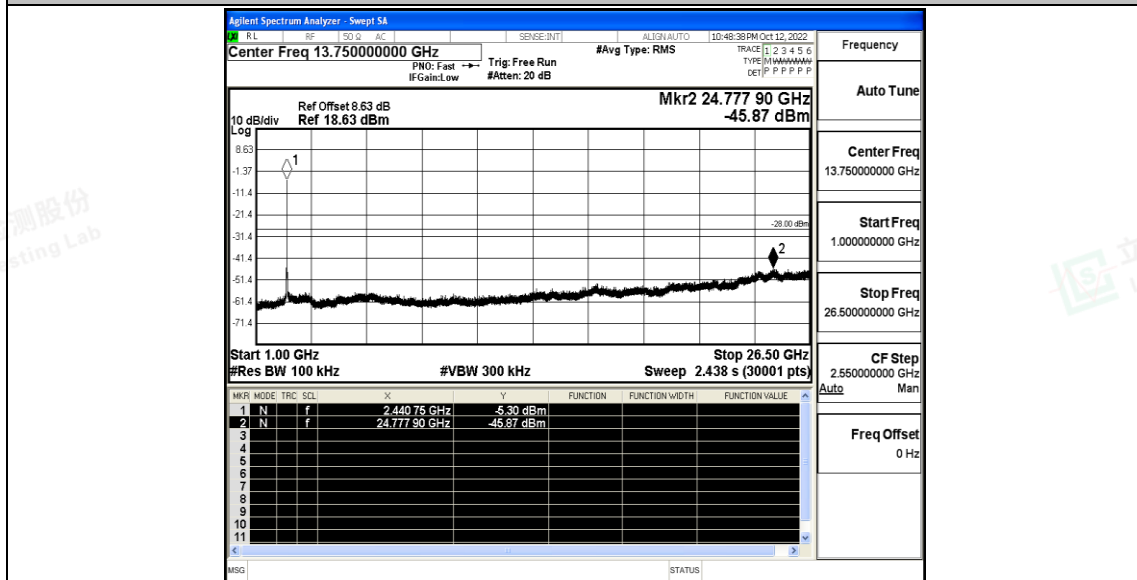
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N20SISO\_Ant\_2437\_1000~26500



11N20SISO\_Ant\_2462\_0~Reference

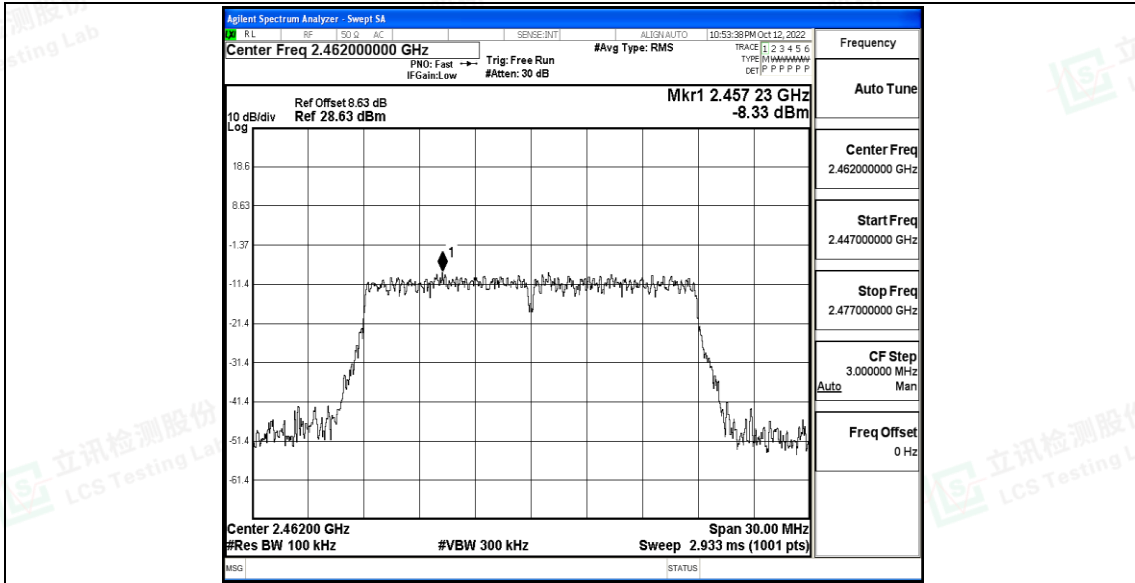


Shenzhen LCS Compliance Testing Laboratory Ltd.

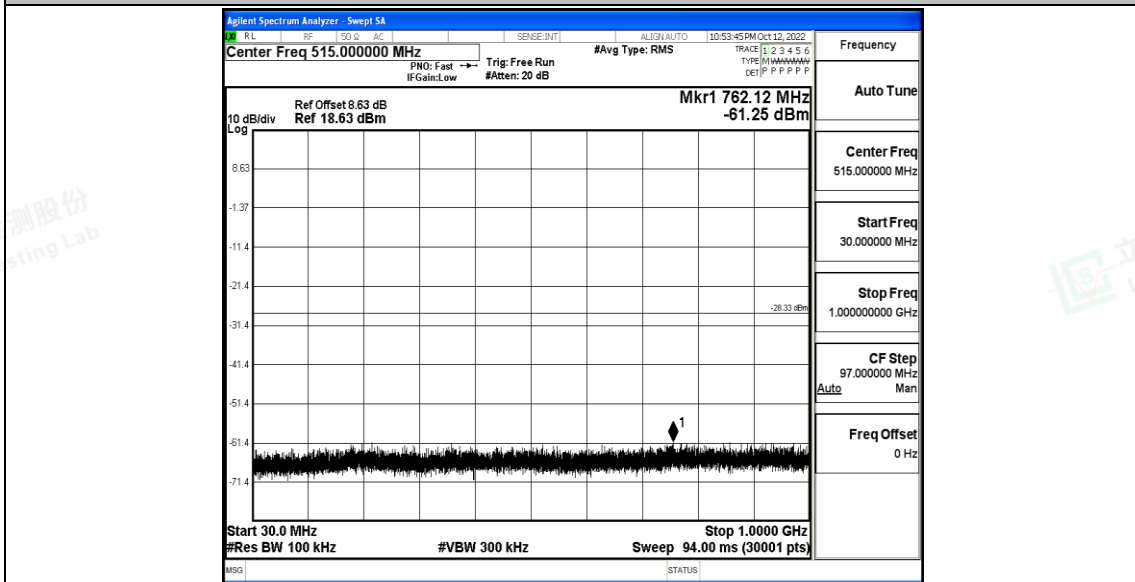
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N20SISO\_Ant\_2462\_30~1000



11N20SISO\_Ant\_2462\_1000~26500



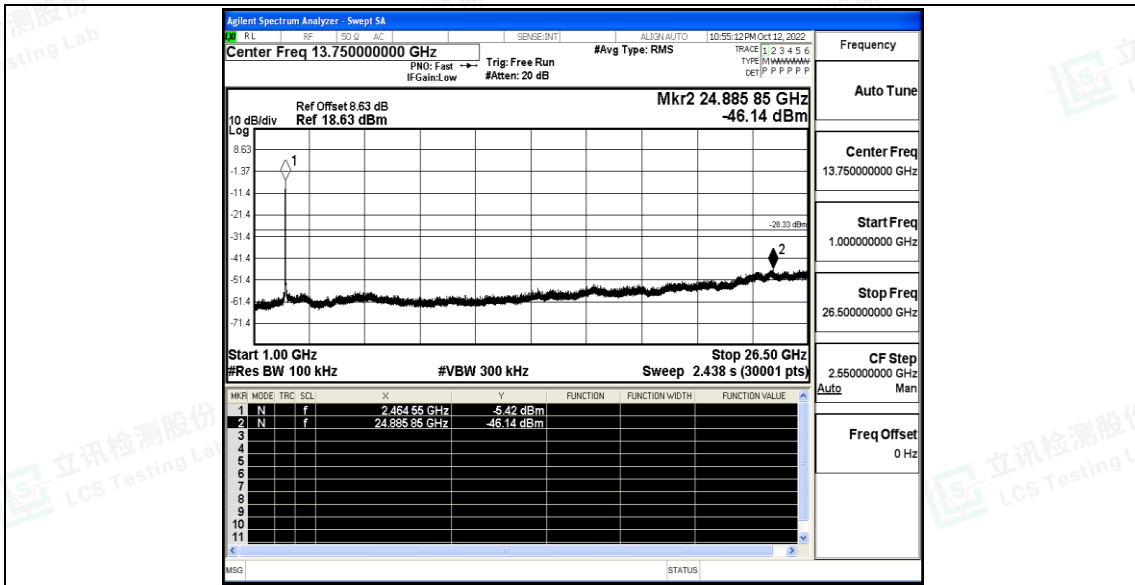
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

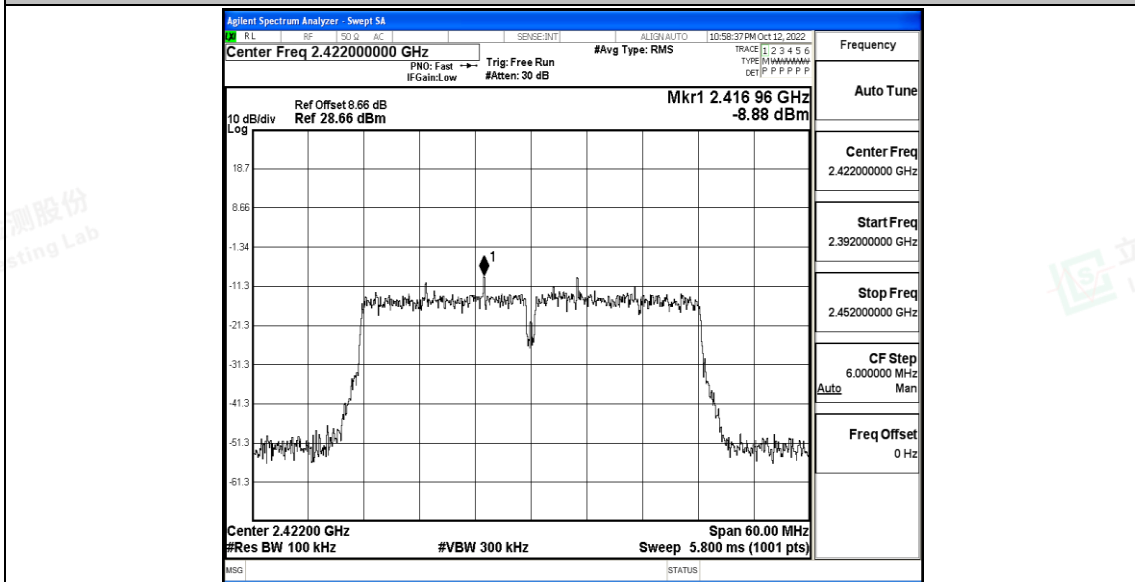
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity





11N40SISO\_Ant\_2422\_0~Reference



11N40SISO\_Ant\_2422\_30~1000

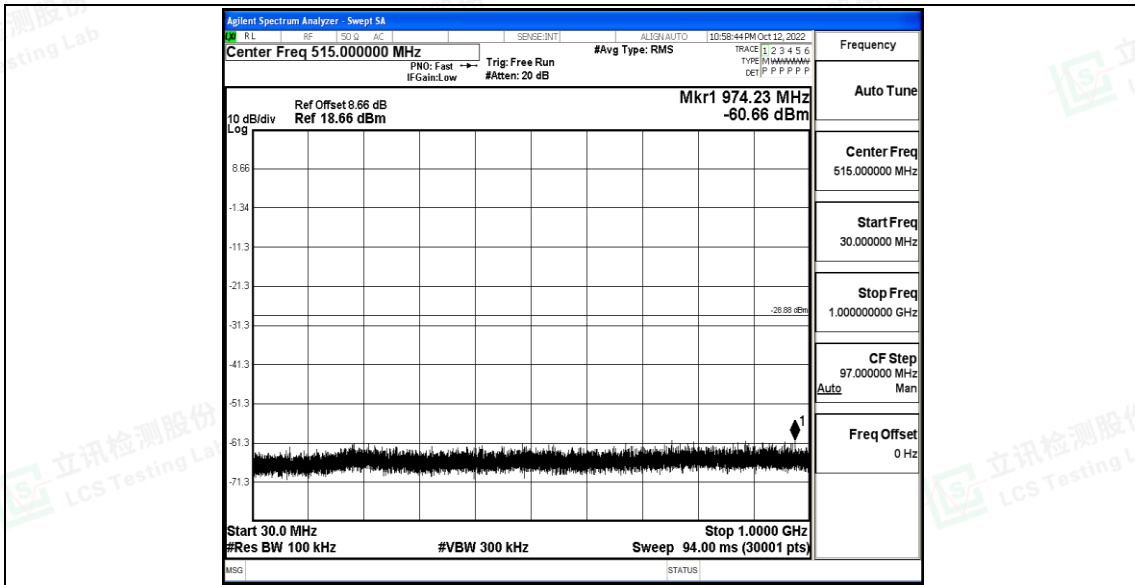


Shenzhen LCS Compliance Testing Laboratory Ltd.

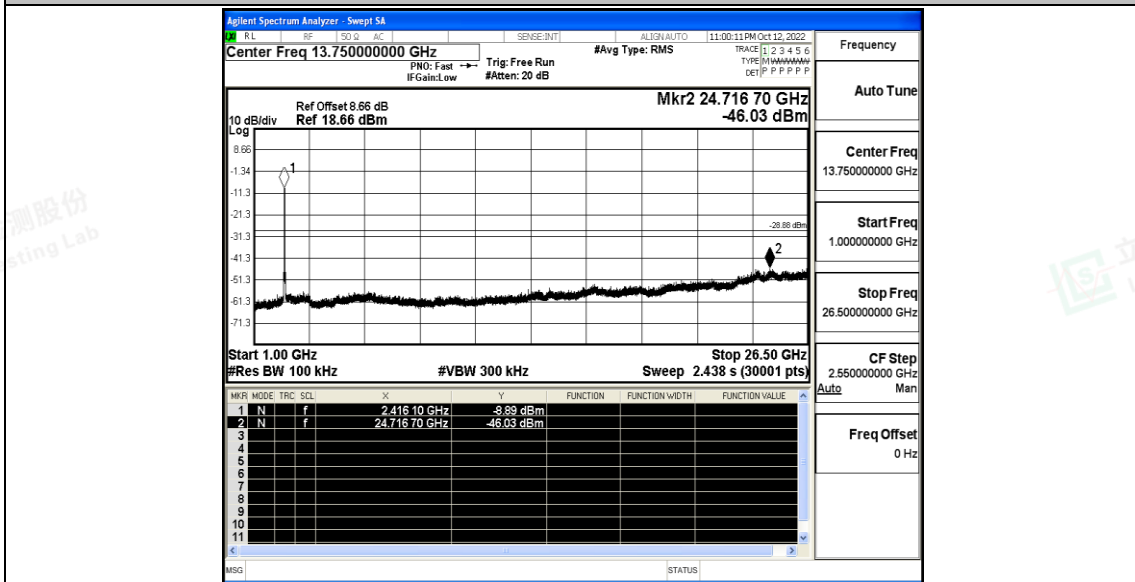
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N40SISO\_Ant\_2422\_1000~26500



11N40SISO\_Ant\_2437\_0~Reference

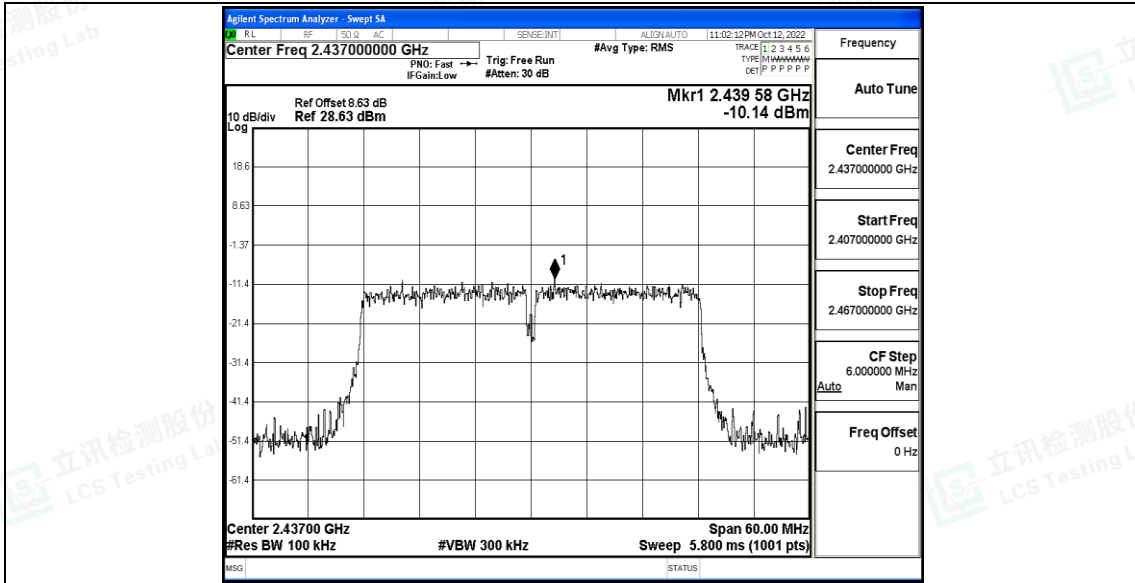


Shenzhen LCS Compliance Testing Laboratory Ltd.

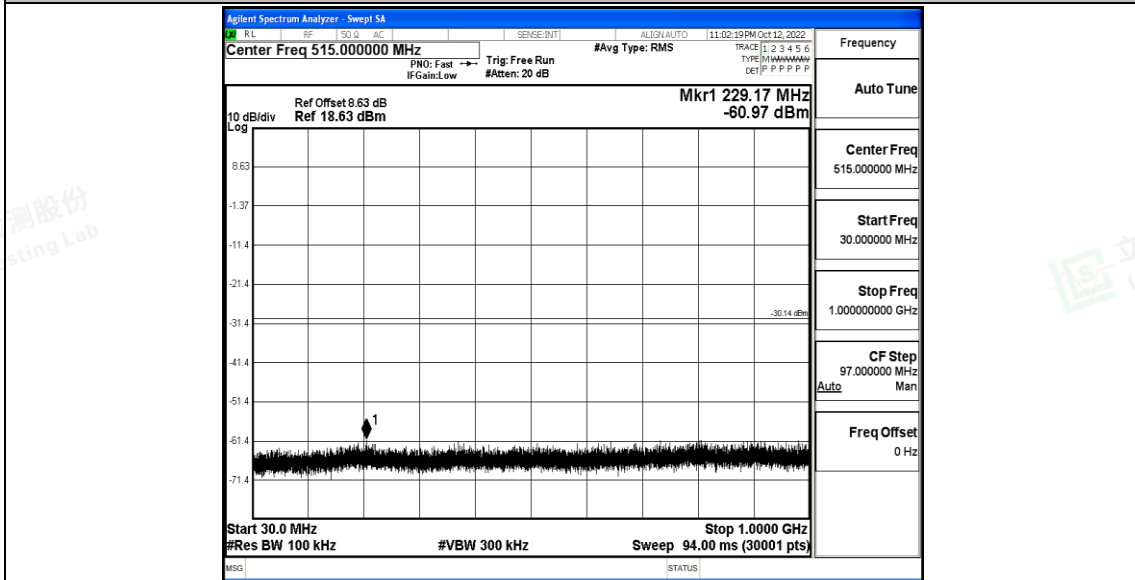
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N40SISO\_Ant\_2437\_30~1000



11N40SISO\_Ant\_2437\_1000~26500

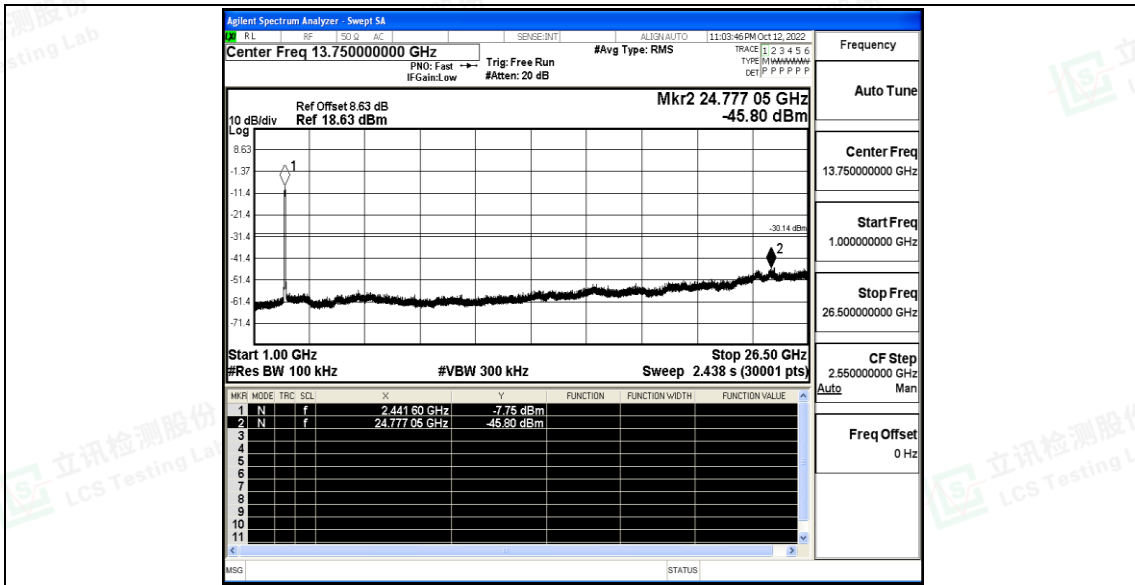


Shenzhen LCS Compliance Testing Laboratory Ltd.

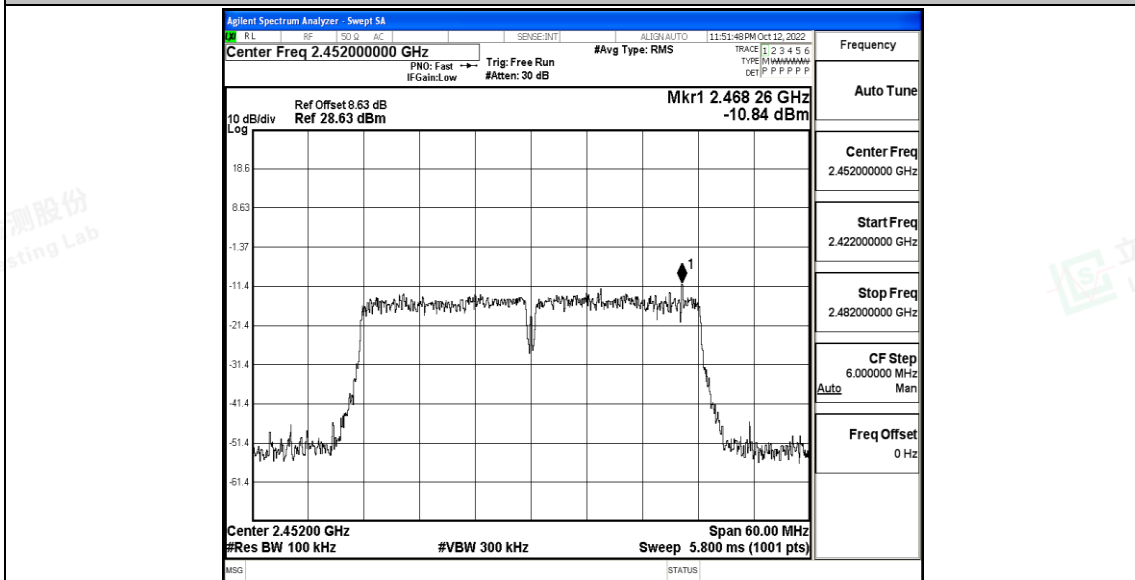
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N40SISO\_Ant\_2452\_0-Reference



11N40SISO\_Ant\_2452\_30~1000

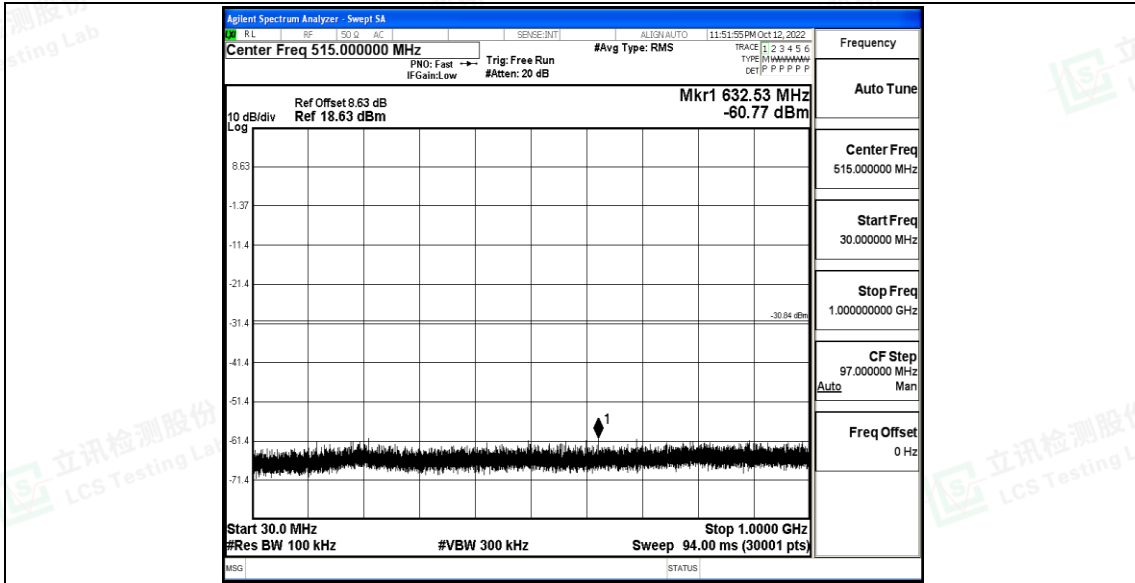


Shenzhen LCS Compliance Testing Laboratory Ltd.

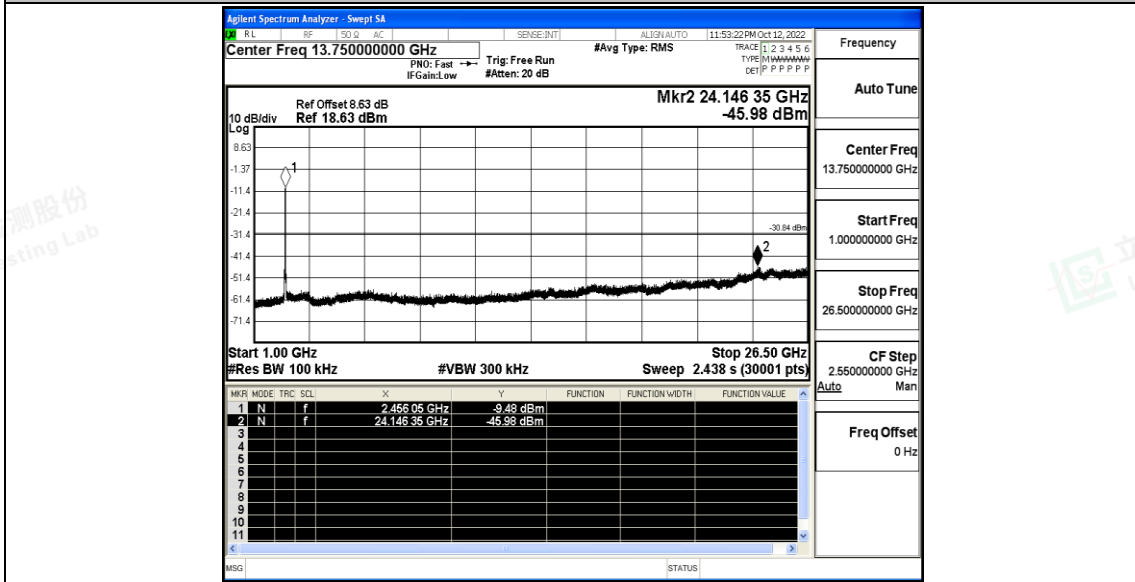
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N40SISO\_Ant\_2452\_1000~26500





### A.7 Duty Cycle

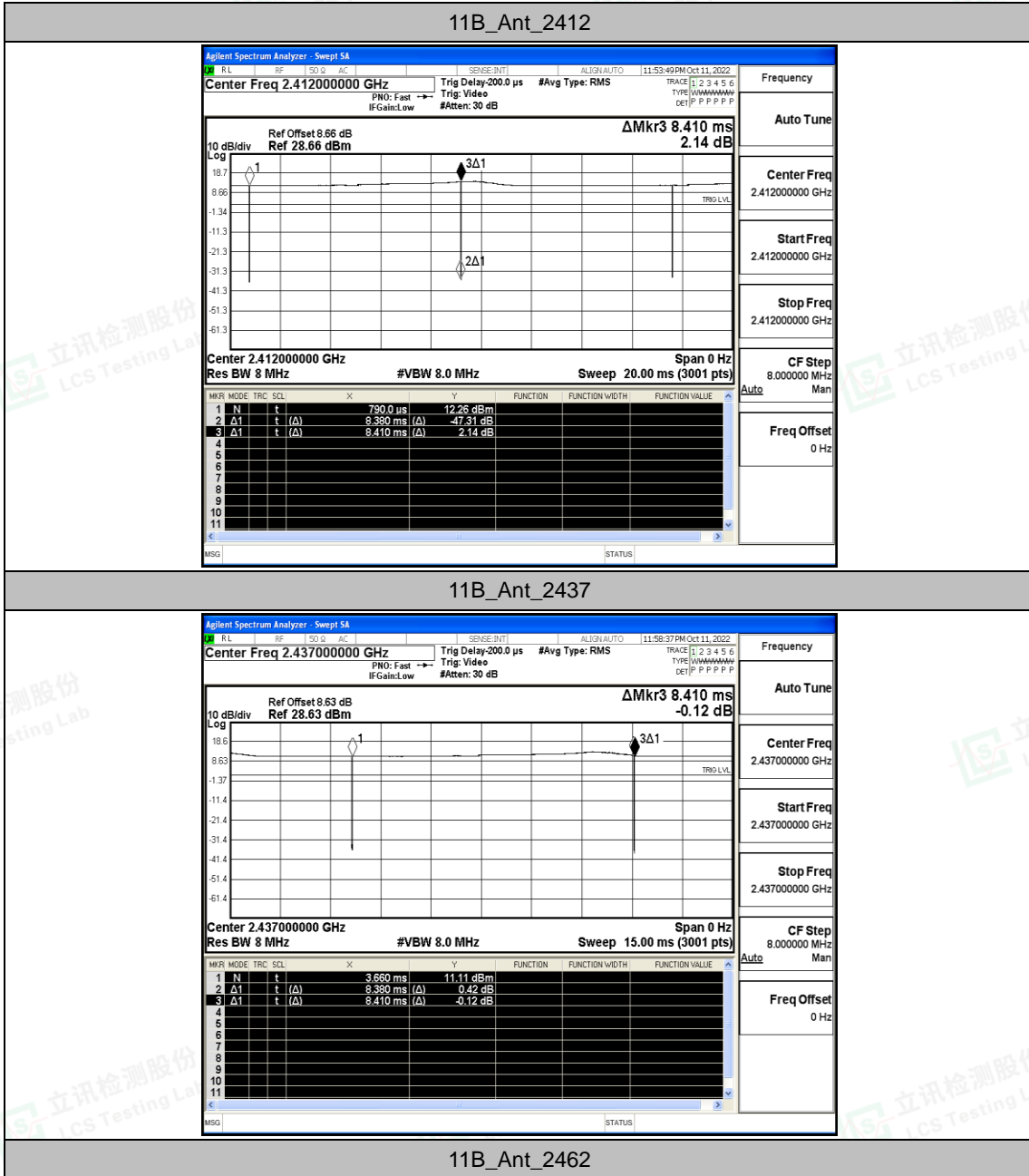
#### Test Result

TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor	Verdict
11B	Ant	2412	8.38	8.41	99.64	0.02	PASS
		2437	8.38	8.41	99.64	0.02	PASS
		2462	8.38	8.41	99.64	0.02	PASS
11G	Ant	2412	1.39	1.43	97.20	0.12	PASS
		2437	1.39	1.43	97.20	0.12	PASS
		2462	1.39	1.43	97.20	0.12	PASS
11N20SISO	Ant	2412	1.30	1.34	97.01	0.13	PASS
		2437	1.30	1.34	97.01	0.13	PASS
		2462	1.30	1.34	97.01	0.13	PASS
11N40SISO	Ant	2422	0.65	0.68	95.59	0.20	PASS
		2437	0.65	0.68	95.59	0.20	PASS
		2452	0.65	0.68	95.59	0.20	PASS





### Test Graphs

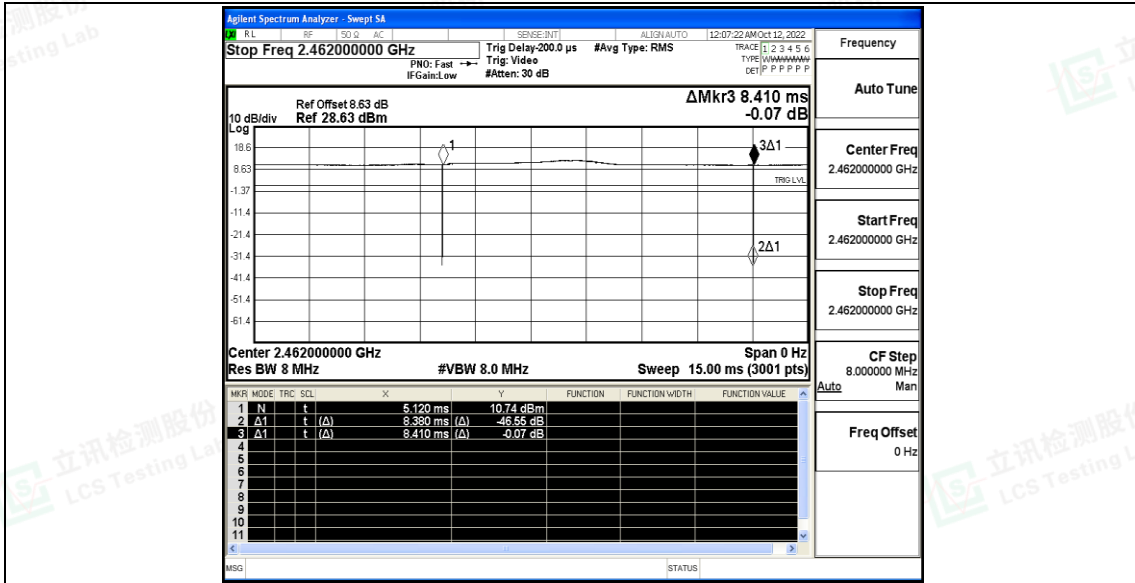


Shenzhen LCS Compliance Testing Laboratory Ltd.

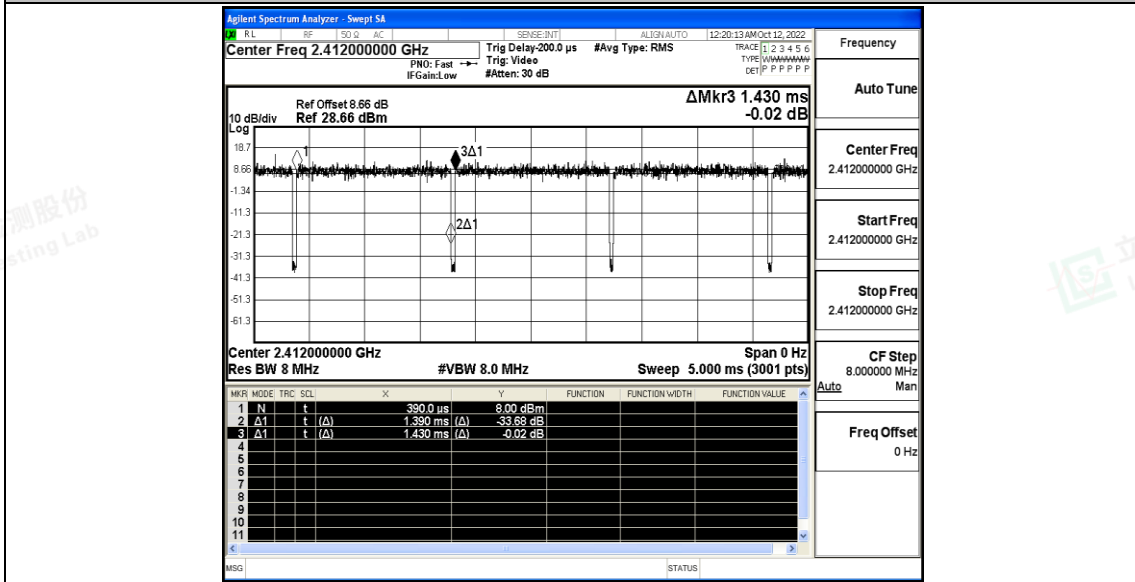
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11G\_Ant\_2412



11G\_Ant\_2437



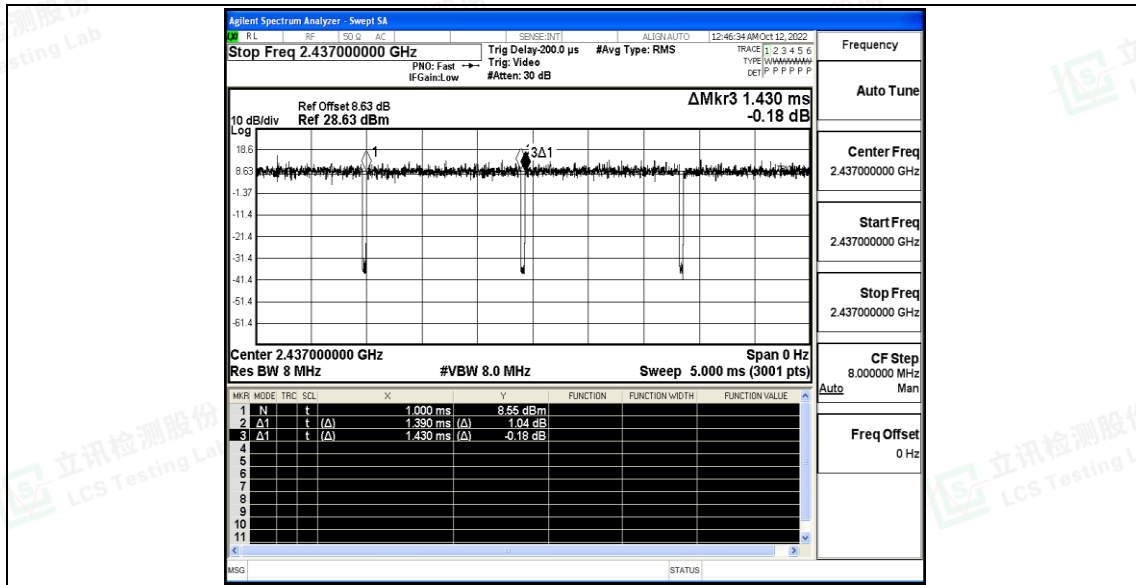
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

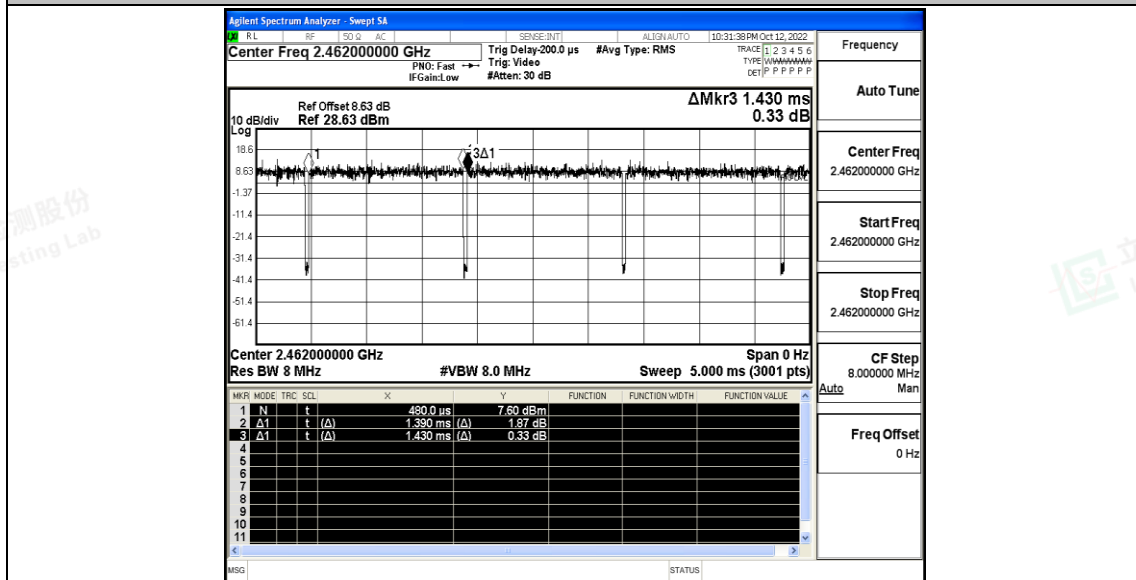
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity





11G\_Ant\_2462



11N20SISO\_Ant\_2412

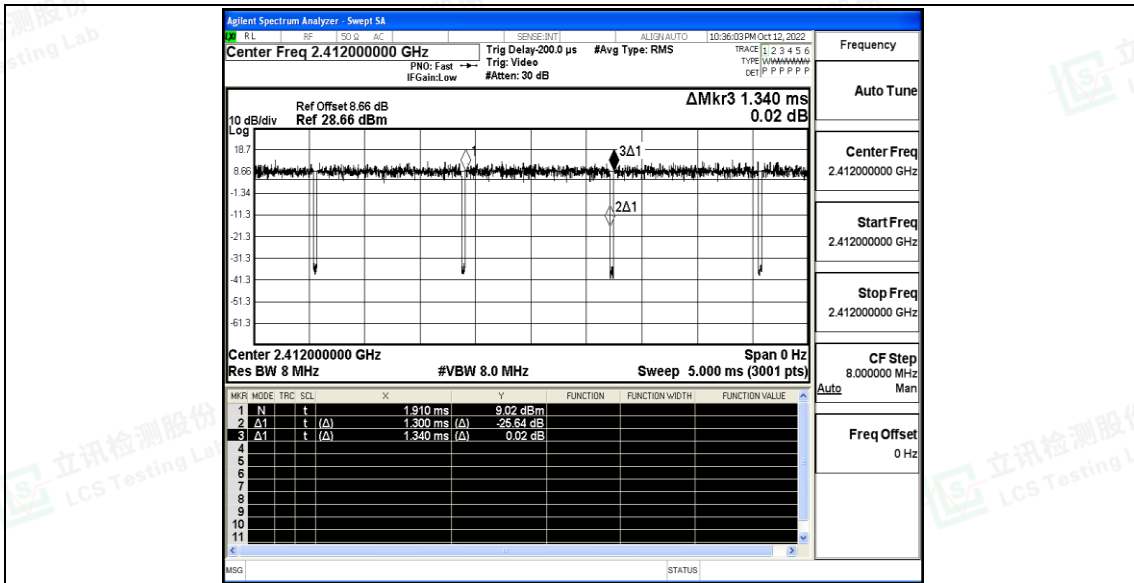


Shenzhen LCS Compliance Testing Laboratory Ltd.

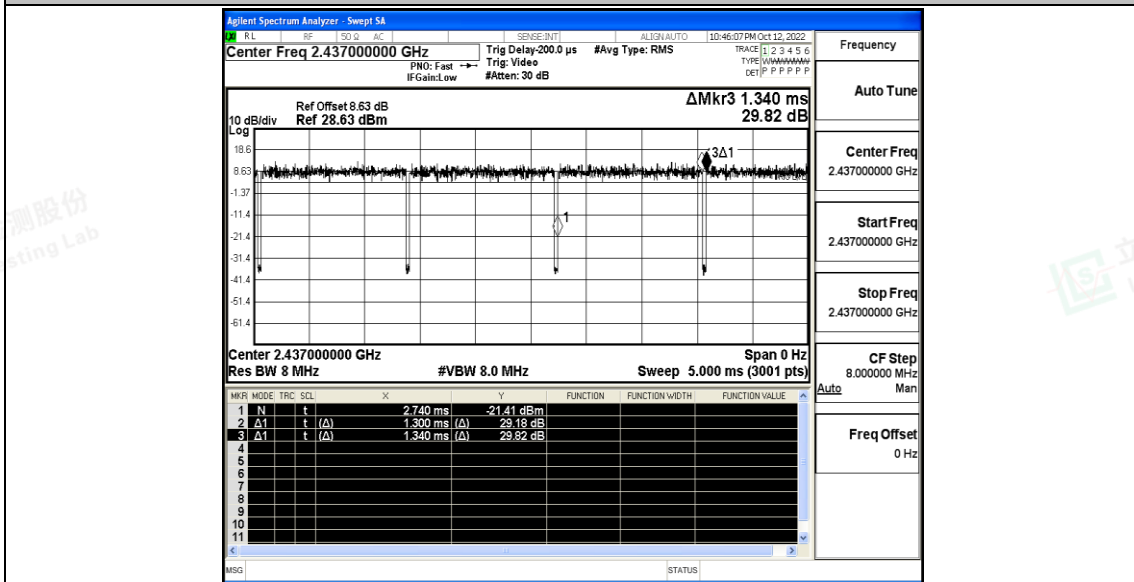
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N20SISO\_Ant\_2437



11N20SISO\_Ant\_2462

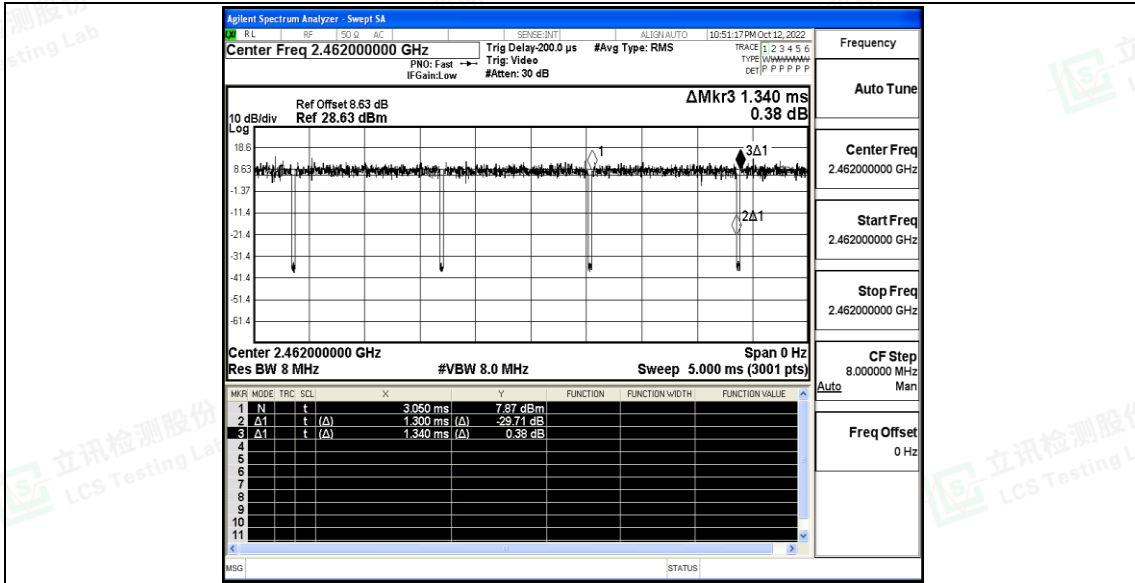


Shenzhen LCS Compliance Testing Laboratory Ltd.

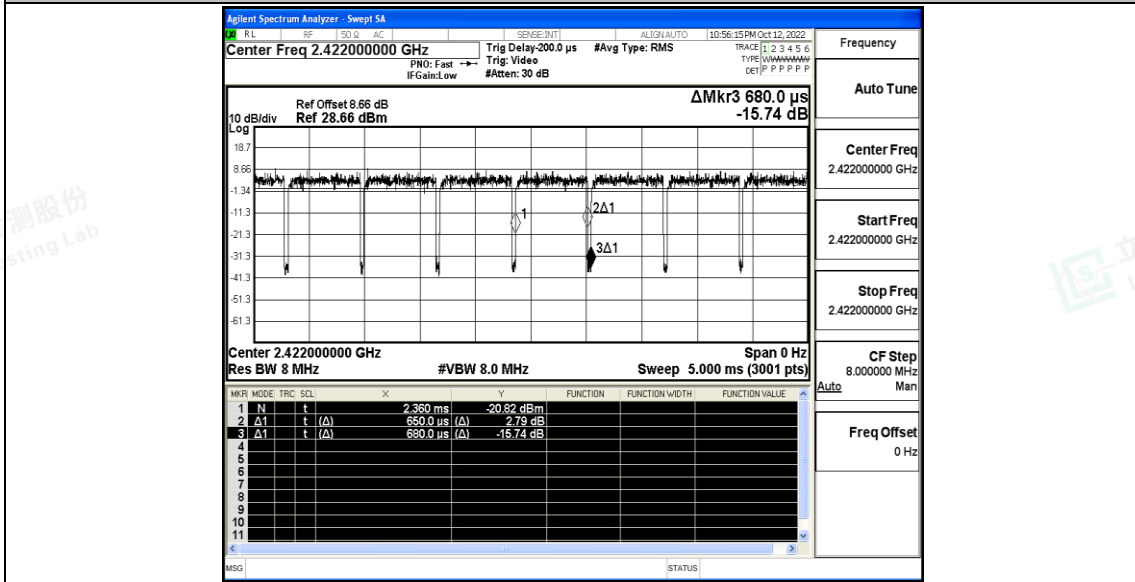
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity

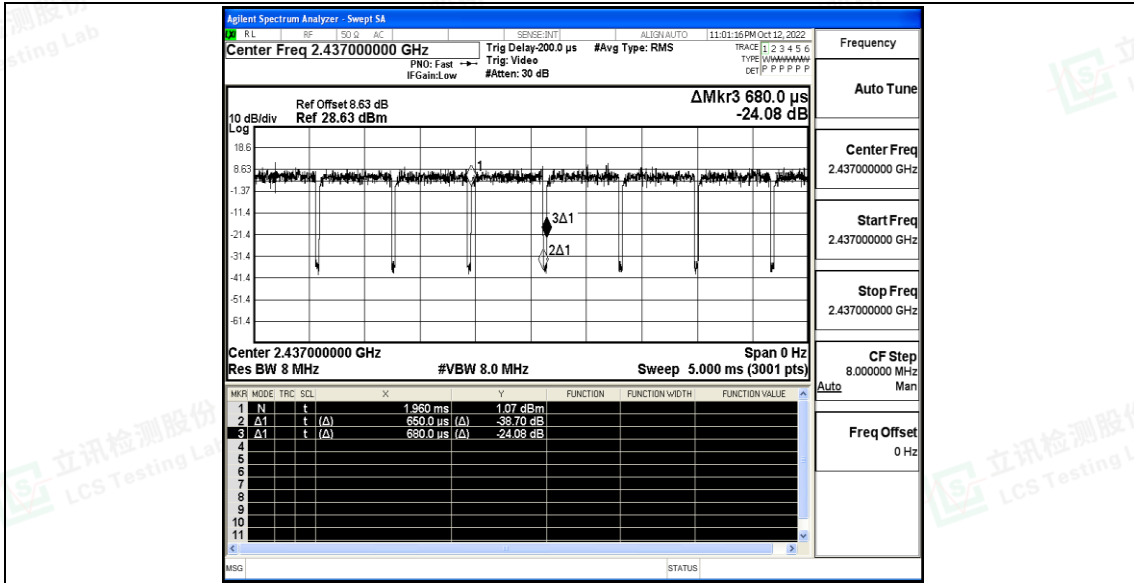


11N40SISO\_Ant\_2422

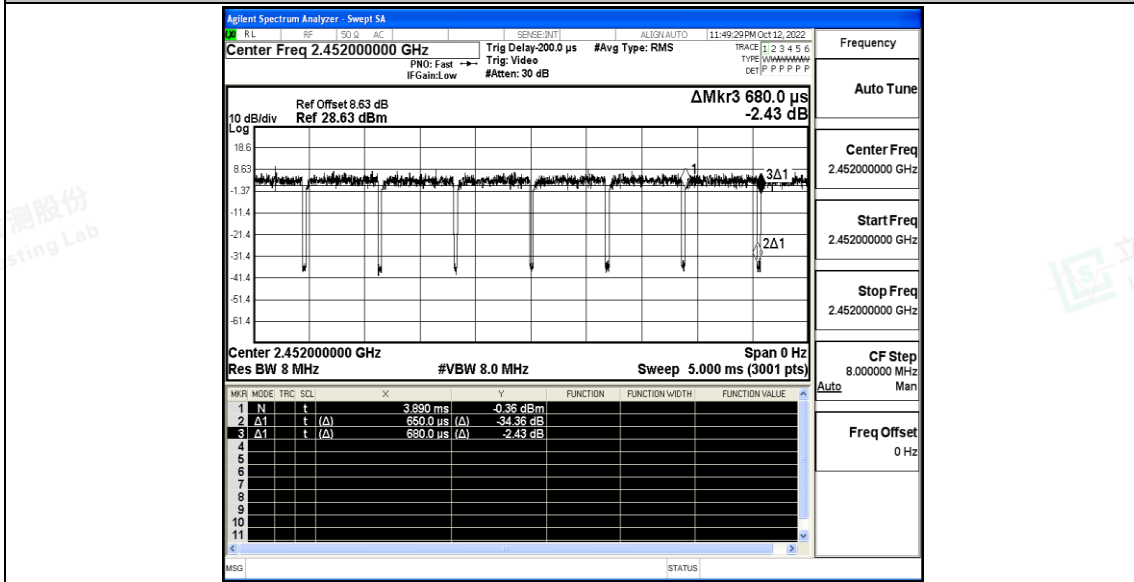


11N40SISO\_Ant\_2437





11N40SISO\_Ant\_2452





## A.8 Emissions in Restricted Bands

### Test Result

TestMode	Antenna	ChName	Freq(MHz )	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBUV/m]	Limit [dBUV/m]	Verdict
11B	Ant	Low	2412	AV	2310.000	-58.44	≤-41.20	36.76	≤54	PASS
				AV	2388.530	-55.9	≤-41.20	39.30	≤54	PASS
				AV	2390.000	-56.17	≤-41.20	39.03	≤54	PASS
				Peak	2310.000	-48.2	≤-21.20	47.00	≤74	PASS
				Peak	2388.660	-44.89	≤-21.20	50.31	≤74	PASS
				Peak	2390.000	-44.89	≤-21.20	50.31	≤74	PASS
		High	2462	AV	2483.500	-56.49	≤-41.20	38.71	≤54	PASS
				AV	2483.560	-56.5	≤-41.20	38.70	≤54	PASS
				AV	2500.000	-57.41	≤-41.20	37.79	≤54	PASS
				Peak	2483.500	-46.41	≤-21.20	48.79	≤74	PASS
				Peak	2485.760	-45.37	≤-21.20	49.83	≤74	PASS
				Peak	2500.000	-46.95	≤-21.20	48.25	≤74	PASS
11G	Ant	Low	2412	AV	2310.000	-57.77	≤-41.20	37.43	≤54	PASS
				AV	2389.960	-53.2	≤-41.20	42.00	≤54	PASS
				AV	2390.000	-53.2	≤-41.20	42.00	≤54	PASS
				Peak	2310.000	-47.8	≤-21.20	47.40	≤74	PASS
				Peak	2389.830	-39.36	≤-21.20	55.84	≤74	PASS
				Peak	2390.000	-39.68	≤-21.20	55.52	≤74	PASS
		High	2462	AV	2483.500	-50.95	≤-41.20	44.25	≤54	PASS
				AV	2483.670	-50.81	≤-41.20	44.39	≤54	PASS
				AV	2500.000	-54	≤-41.20	41.20	≤54	PASS
				Peak	2483.500	-35.87	≤-21.20	59.33	≤74	PASS
				Peak	2484.220	-33.7	≤-21.20	61.50	≤74	PASS
				Peak	2500.000	-43.34	≤-21.20	51.86	≤74	PASS
11N20SIS O	Ant	Low	2412	AV	2310.000	-57.7	≤-41.20	37.50	≤54	PASS
				AV	2389.830	-50.69	≤-41.20	44.51	≤54	PASS
				AV	2390.000	-50.76	≤-41.20	44.44	≤54	PASS
				Peak	2310.000	-47.13	≤-21.20	48.07	≤74	PASS
				Peak	2389.830	-32.9	≤-21.20	62.30	≤74	PASS
				Peak	2390.000	-34.23	≤-21.20	60.97	≤74	PASS
		High	2462	AV	2483.500	-49.67	≤-41.20	45.53	≤54	PASS
				AV	2483.670	-49.29	≤-41.20	45.91	≤54	PASS
				AV	2500.000	-54.11	≤-41.20	41.09	≤54	PASS
				Peak	2483.500	-33.67	≤-21.20	61.53	≤74	PASS
Peak	2484.000	-31.04	≤-21.20	64.16	≤74	PASS				



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A &amp; 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



11N40SIS O	Ant	Low	2422	Peak	2500.000	-43.75	≤-21.20	51.45	≤74	PASS
				AV	2310.000	-57.52	≤-41.20	37.68	≤54	PASS
				AV	2389.440	-48.83	≤-41.20	46.37	≤54	PASS
				AV	2390.000	-49.09	≤-41.20	46.11	≤54	PASS
				Peak	2310.000	-47.51	≤-21.20	47.69	≤74	PASS
				Peak	2388.400	-31.3	≤-21.20	63.90	≤74	PASS
		High	2452	AV	2483.500	-49.47	≤-41.20	45.73	≤54	PASS
				AV	2483.560	-49.6	≤-41.20	45.60	≤54	PASS
				AV	2500.000	-54.51	≤-41.20	40.69	≤54	PASS
				Peak	2483.500	-31.86	≤-21.20	63.34	≤74	PASS
				Peak	2485.210	-30.52	≤-21.20	64.68	≤74	PASS
				Peak	2500.000	-42.03	≤-21.20	53.17	≤74	PASS

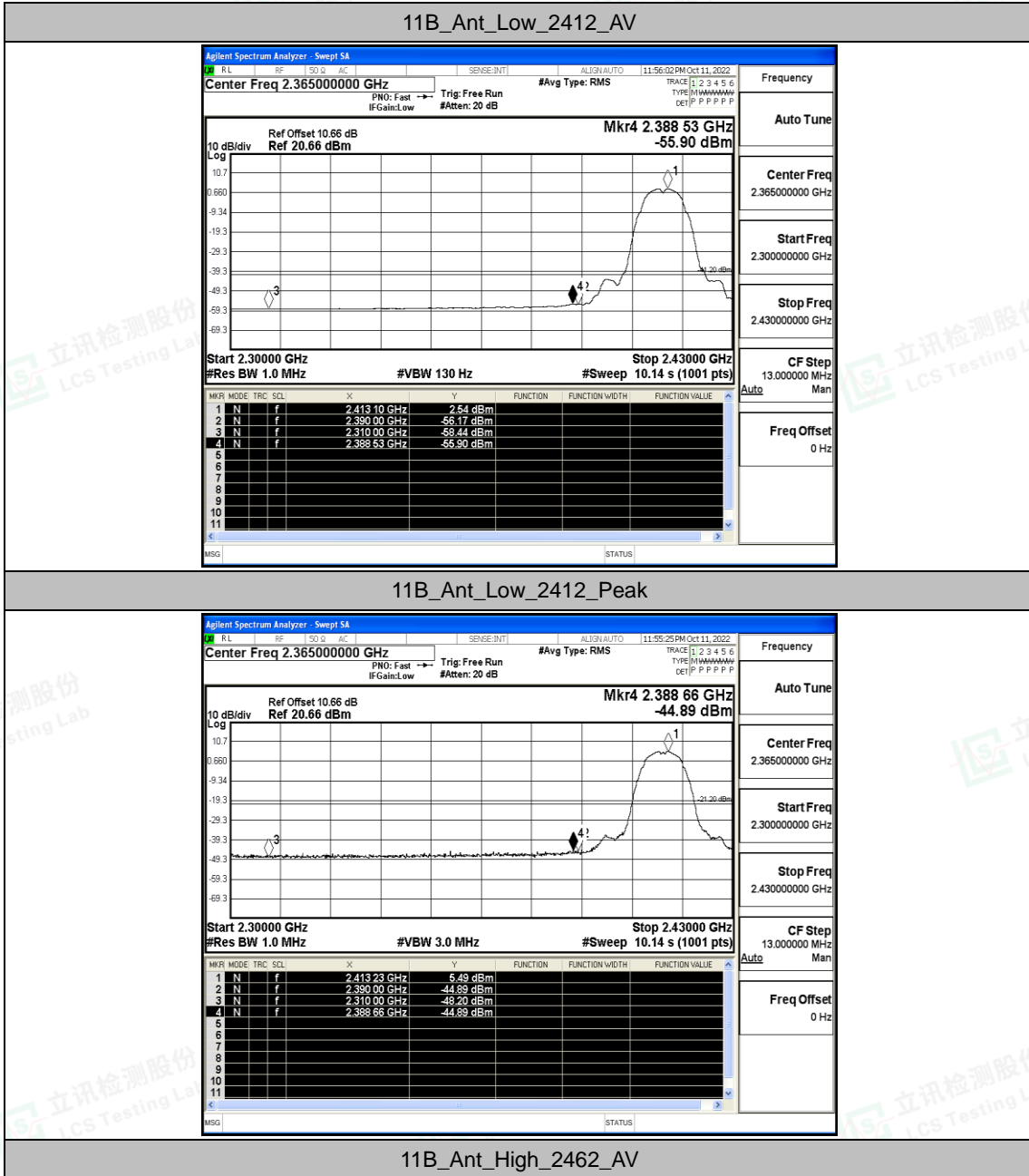
Note:

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.





### Test Graphs

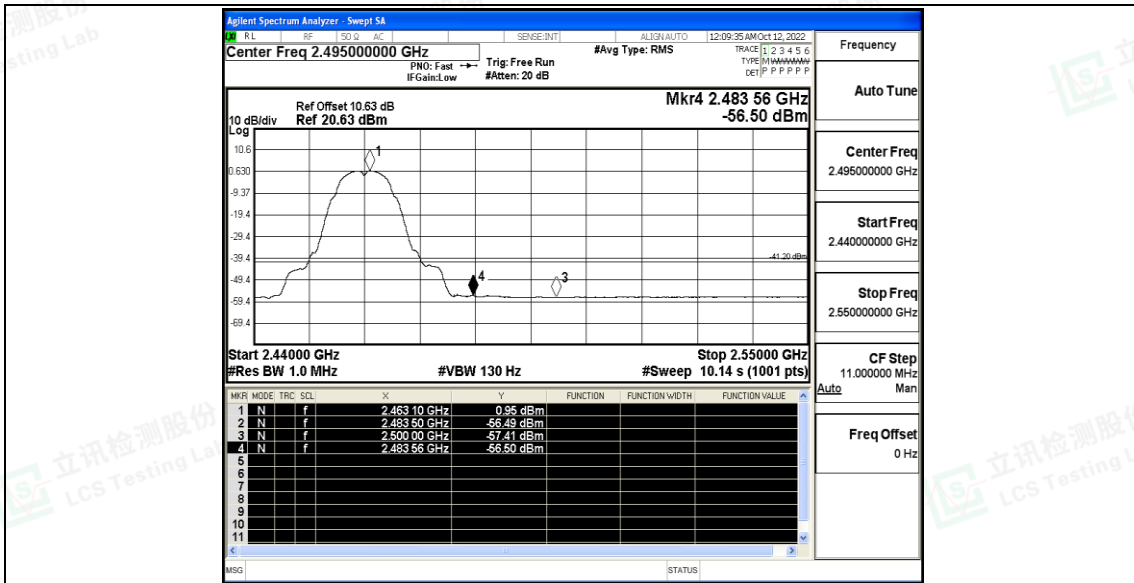


Shenzhen LCS Compliance Testing Laboratory Ltd.

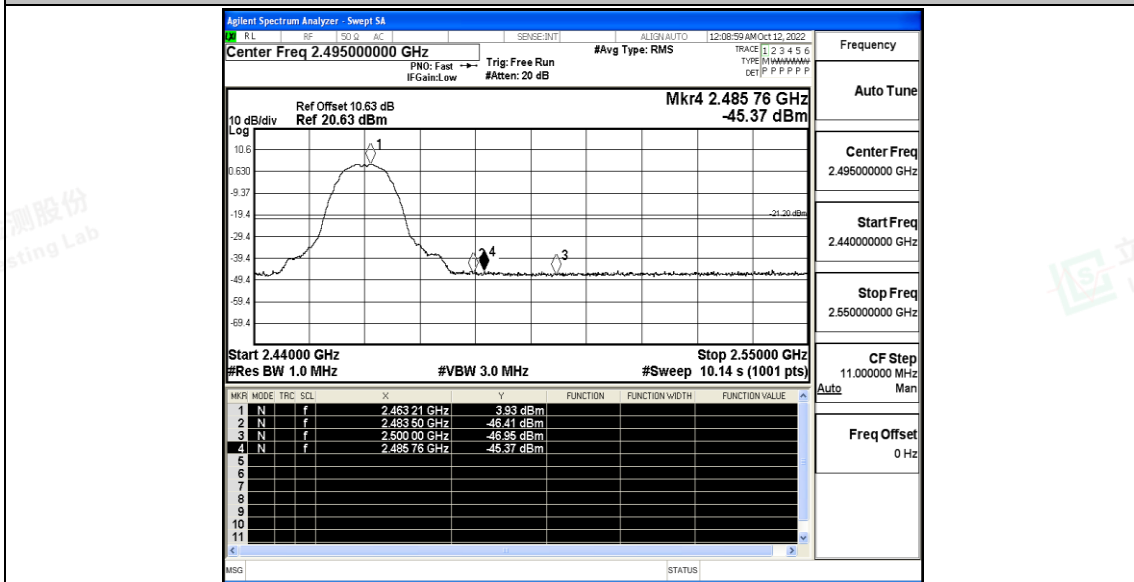
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11B\_Ant\_High\_2462\_Peak



11G\_Ant\_Low\_2412\_AV



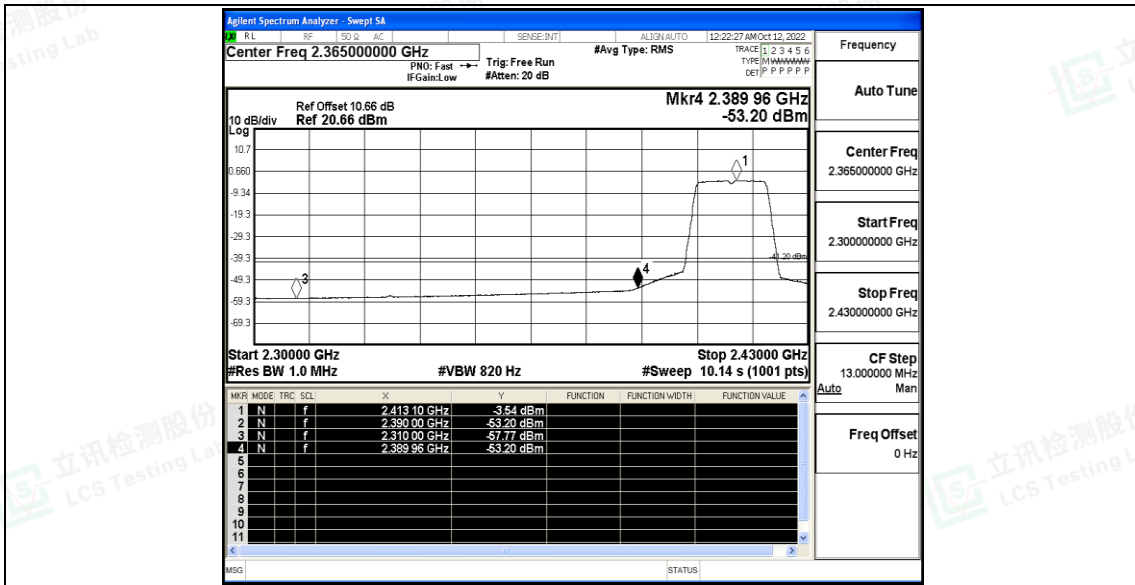
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

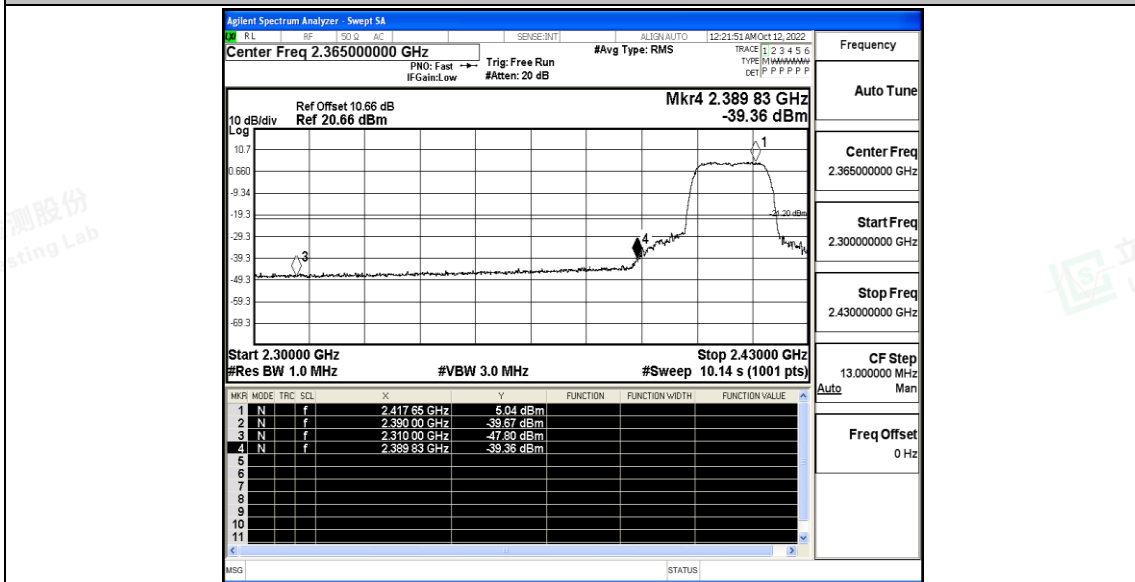
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity





11G\_Ant\_Low\_2412\_Peak



11G\_Ant\_High\_2462\_AV

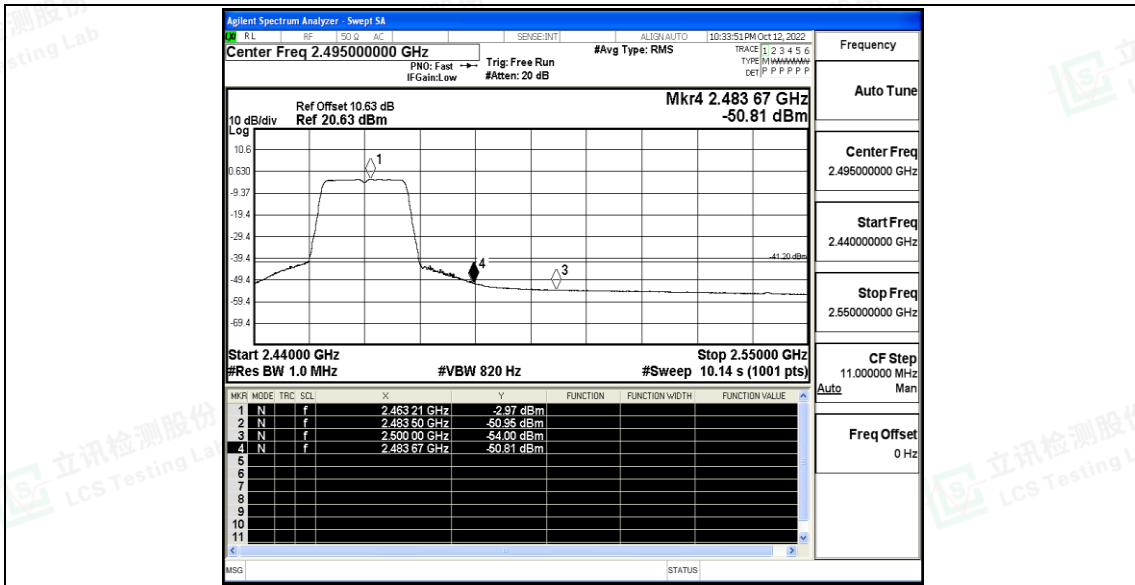


Shenzhen LCS Compliance Testing Laboratory Ltd.

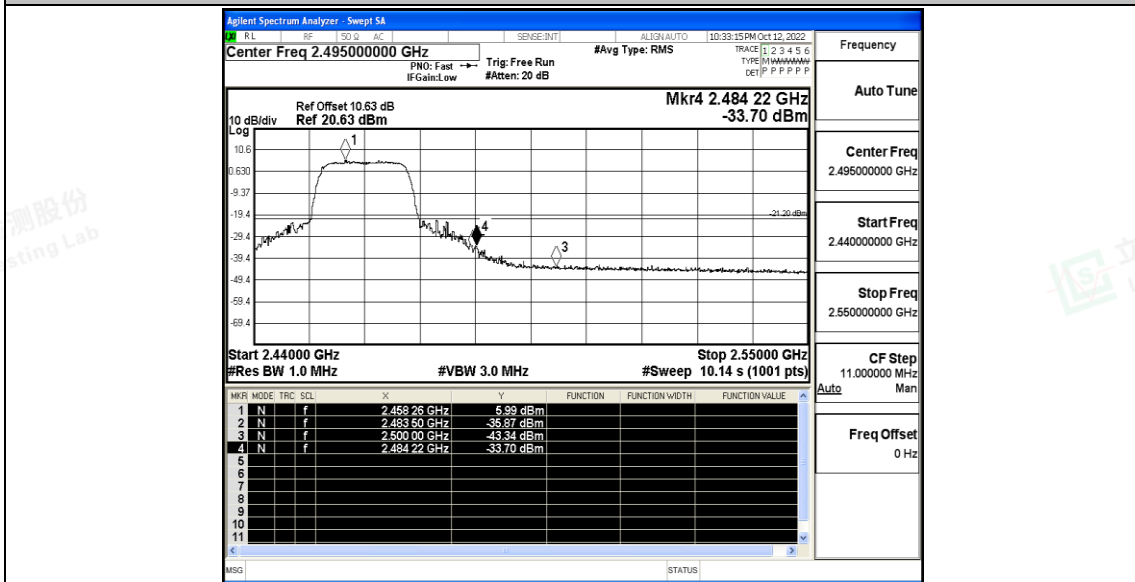
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11G\_Ant\_High\_2462\_Peak



11N20SISO\_Ant\_Low\_2412\_AV

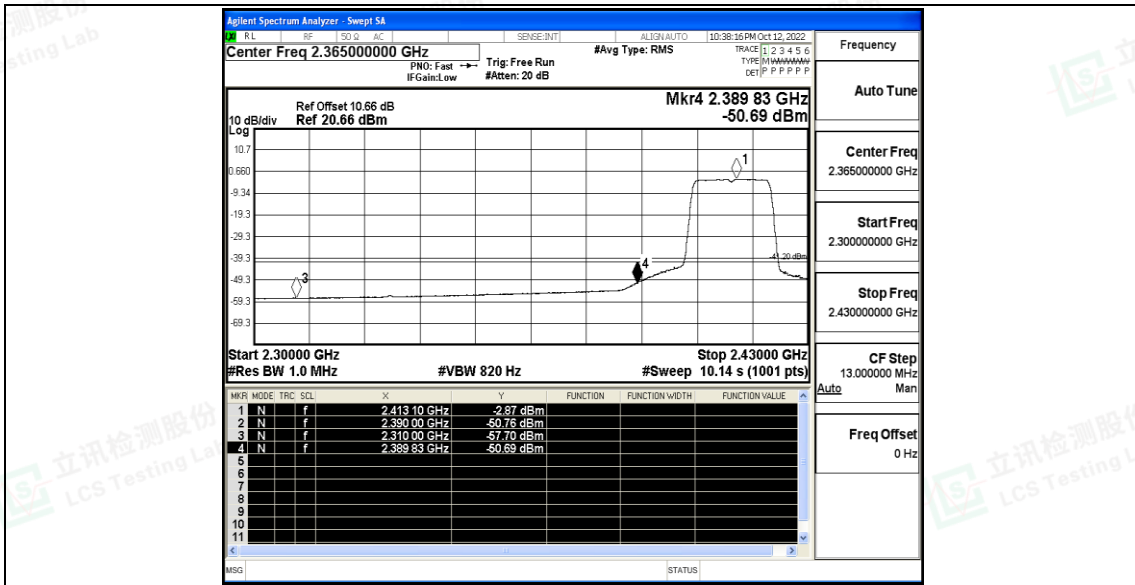


Shenzhen LCS Compliance Testing Laboratory Ltd.

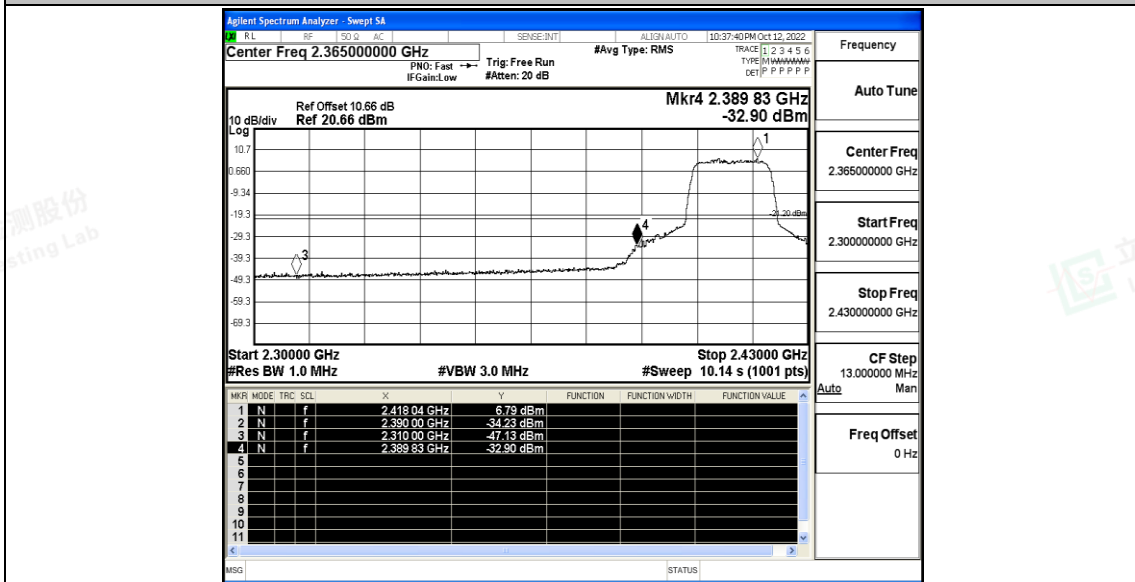
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N20SISO\_Ant\_Low\_2412\_Peak



11N20SISO\_Ant\_High\_2462\_AV

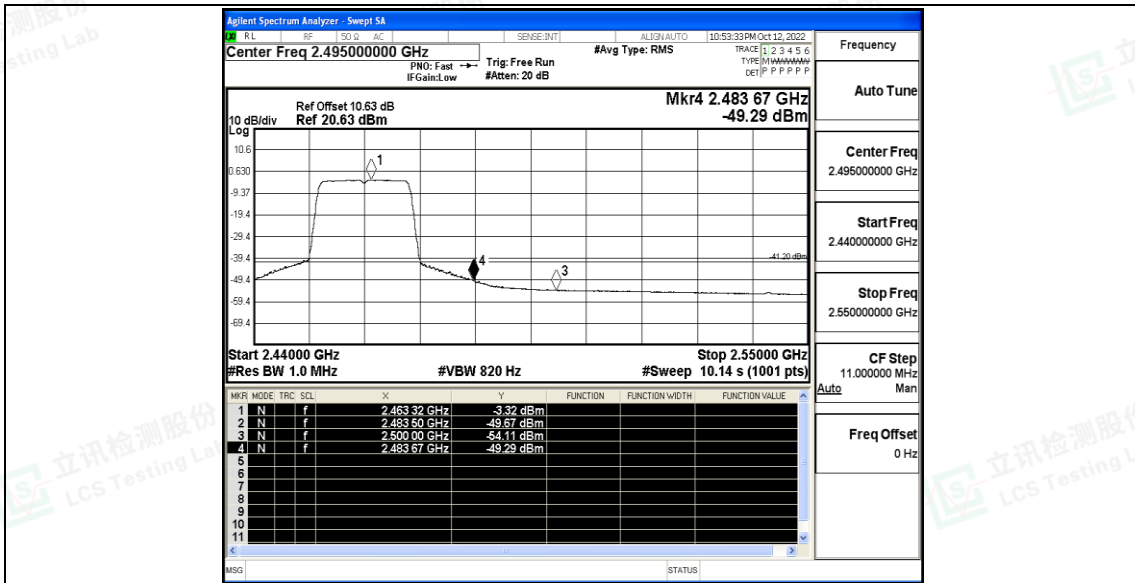


Shenzhen LCS Compliance Testing Laboratory Ltd.

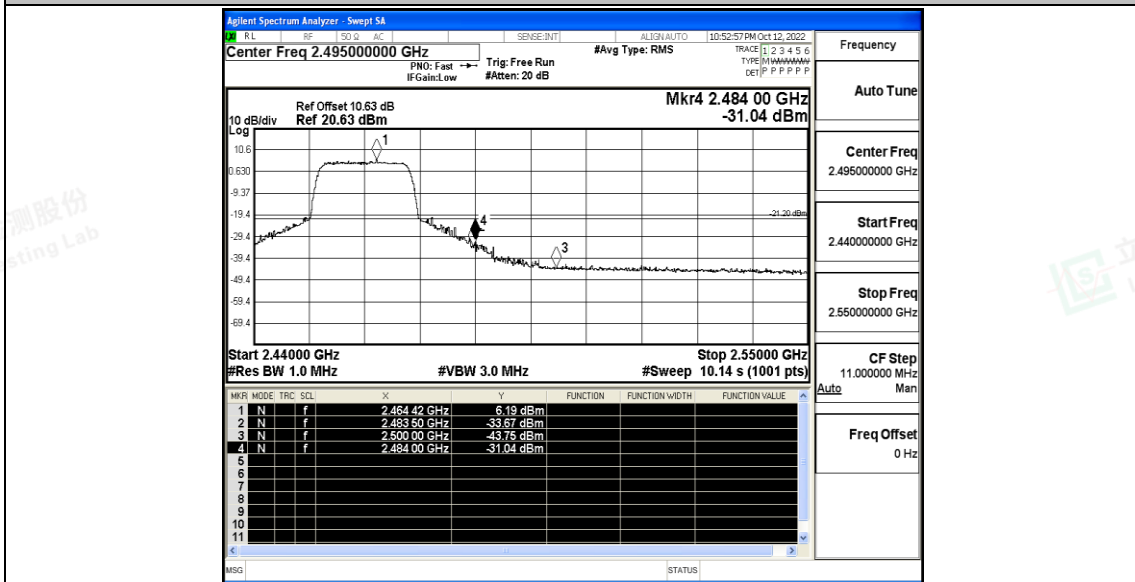
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N20SISO\_Ant\_High\_2462\_Peak



11N40SISO\_Ant\_Low\_2422\_AV

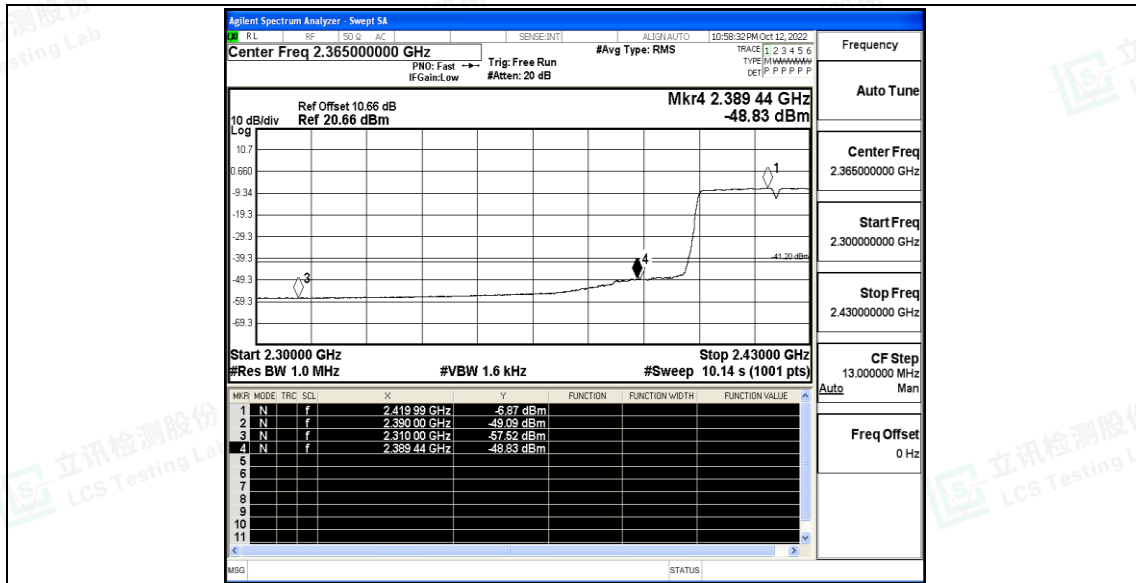


Shenzhen LCS Compliance Testing Laboratory Ltd.

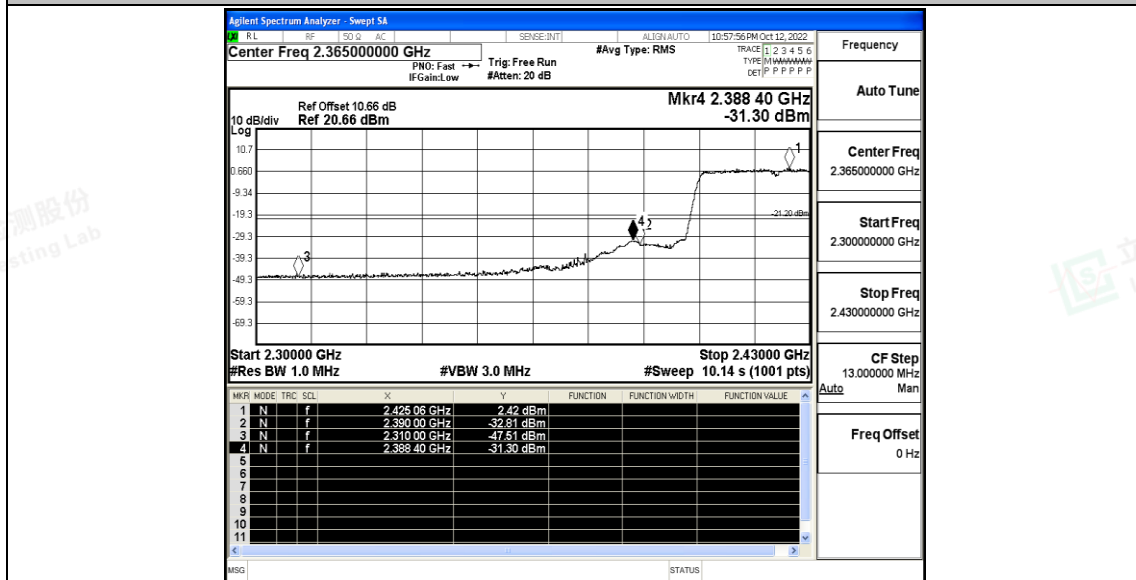
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N40SISO\_Ant\_Low\_2422\_Peak



11N40SISO\_Ant\_High\_2452\_AV

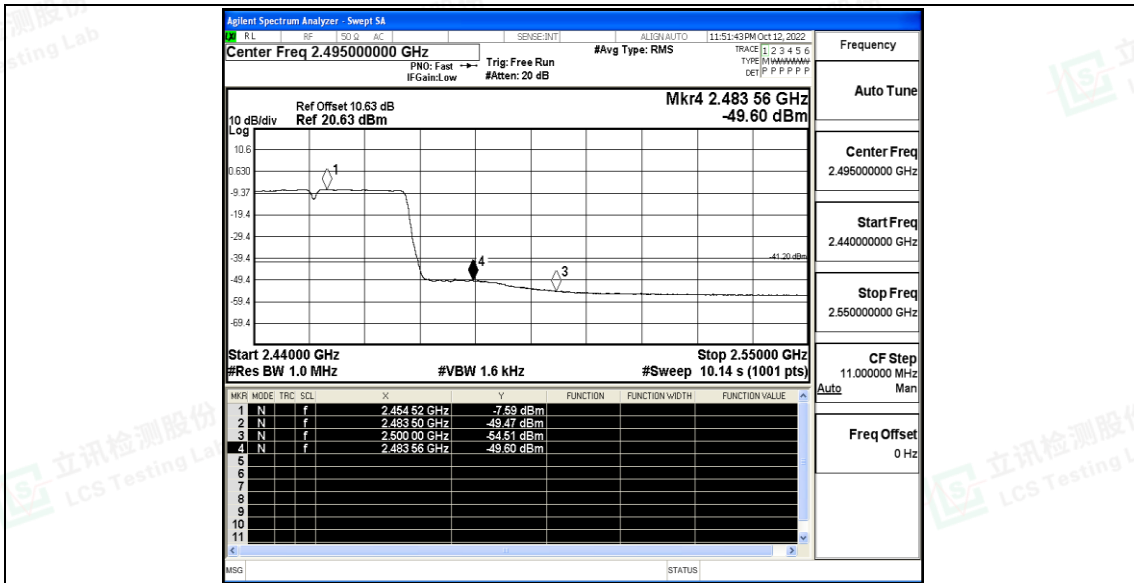


Shenzhen LCS Compliance Testing Laboratory Ltd.

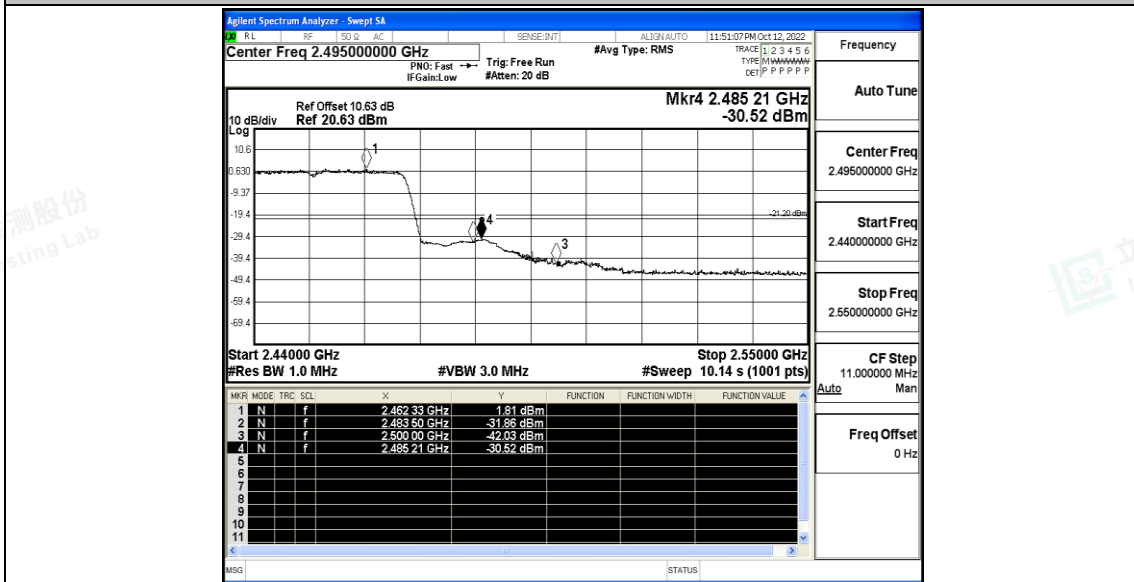
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N40SISO\_Ant\_High\_2452\_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