





Appendix A

RF Test Data for 2.4GWIFI (Conducted Measurement)

Product Name: Digital Photo Frame

Test Model: P10

Environmental Conditions

Temperature:	23.5 ° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	 Monkey Li
Supervised by:	 Li huan



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



A.1 DTS Bandwidth

Test Result

TestMode	Antenna	Freq(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	2432.440	2441.480	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	16.320	2428.840	2445.160	0.5	PASS
		2462	16.320	2453.840	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.560	2403.200	2420.760	0.5	PASS
		2437	17.600	2428.200	2445.800	0.5	PASS
		2462	17.560	2453.200	2470.760	0.5	PASS
11N40SISO	Ant1	2422	35.760	2404.080	2439.840	0.5	PASS
		2437	36.080	2419.080	2455.160	0.5	PASS
		2452	36.080	2434.080	2470.160	0.5	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

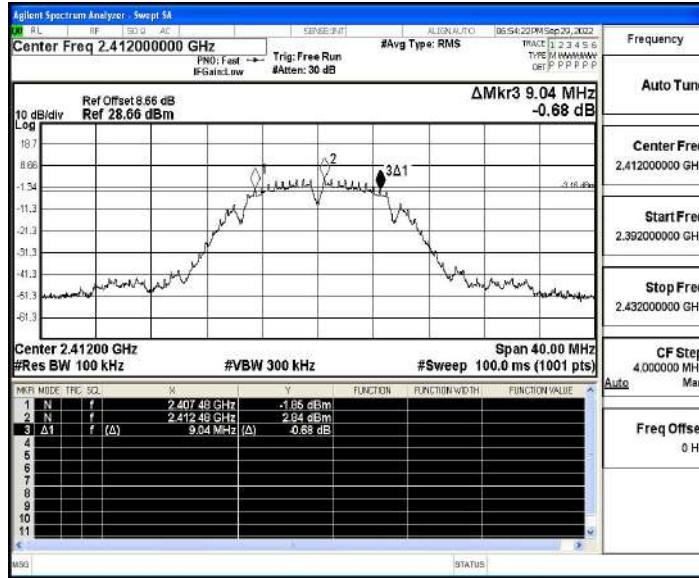
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

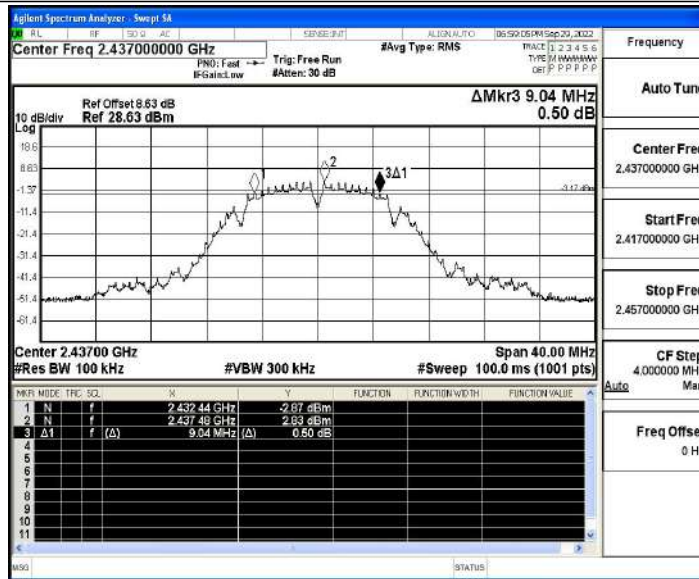


Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462

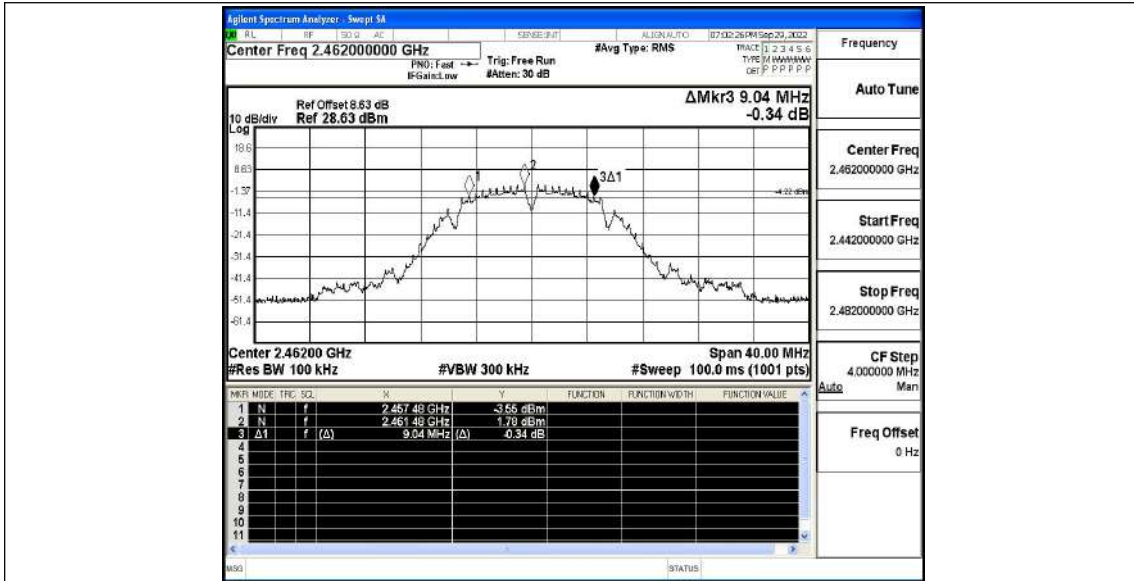


Shenzhen LCS Compliance Testing Laboratory Ltd.

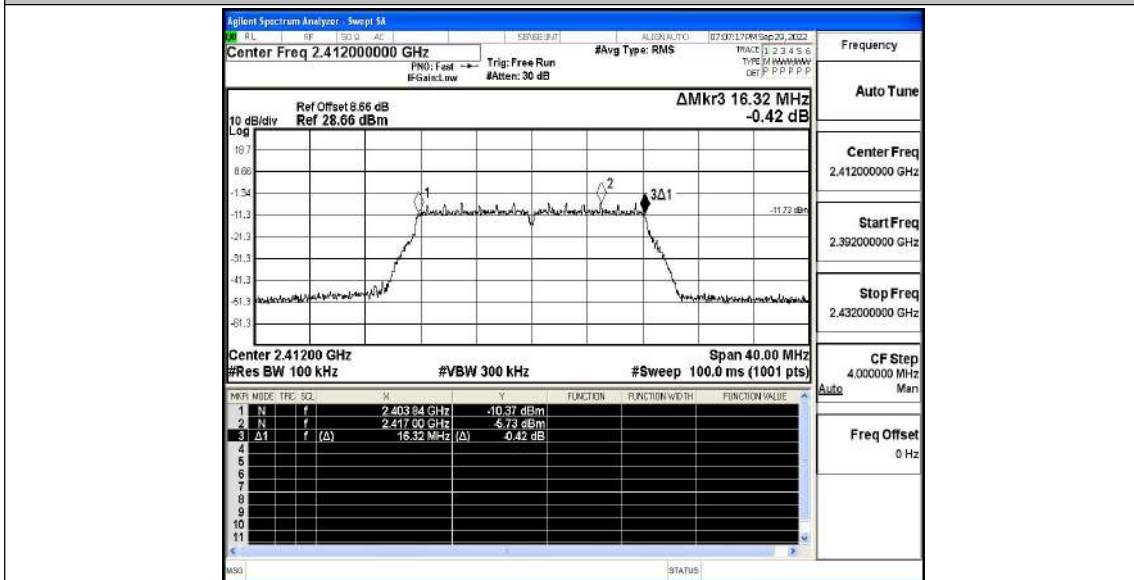
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11G_Ant1_2412



11G_Ant1_2437

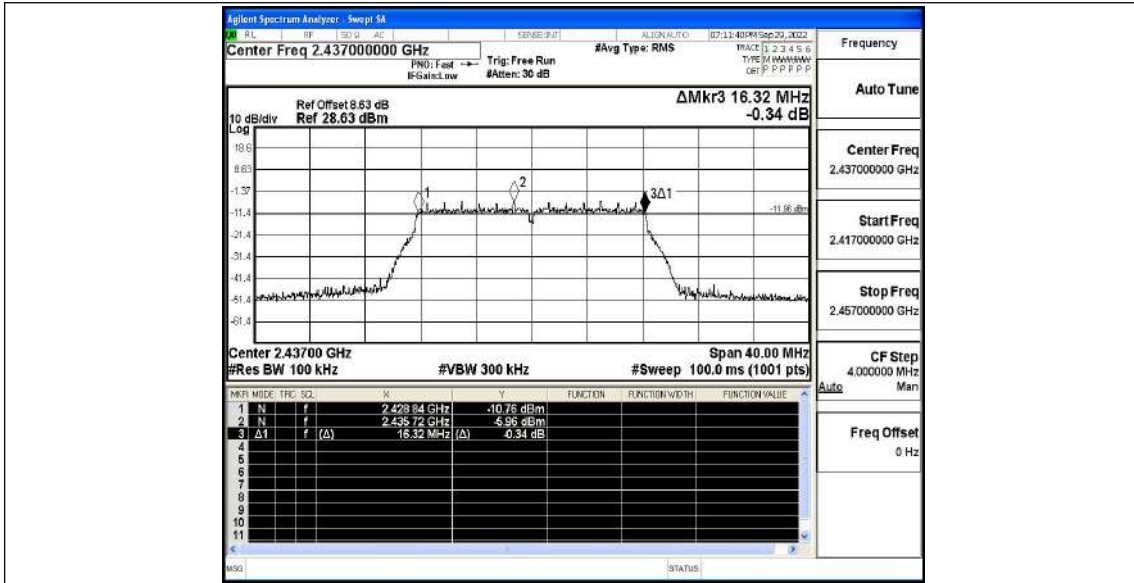


Shenzhen LCS Compliance Testing Laboratory Ltd.

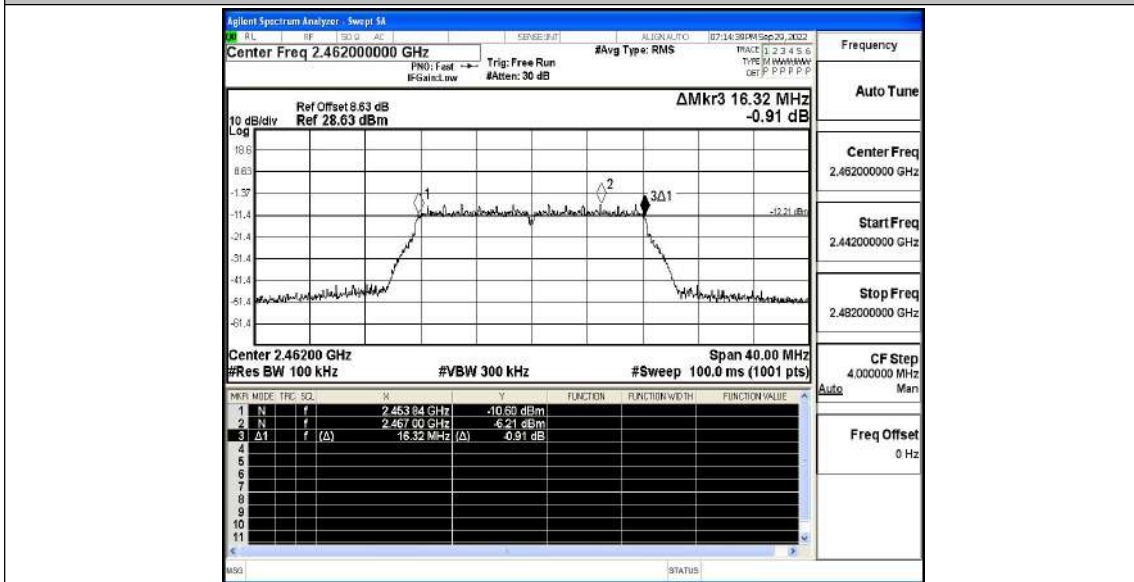
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11G_Ant1_2462



11N20SISO_Ant1_2412

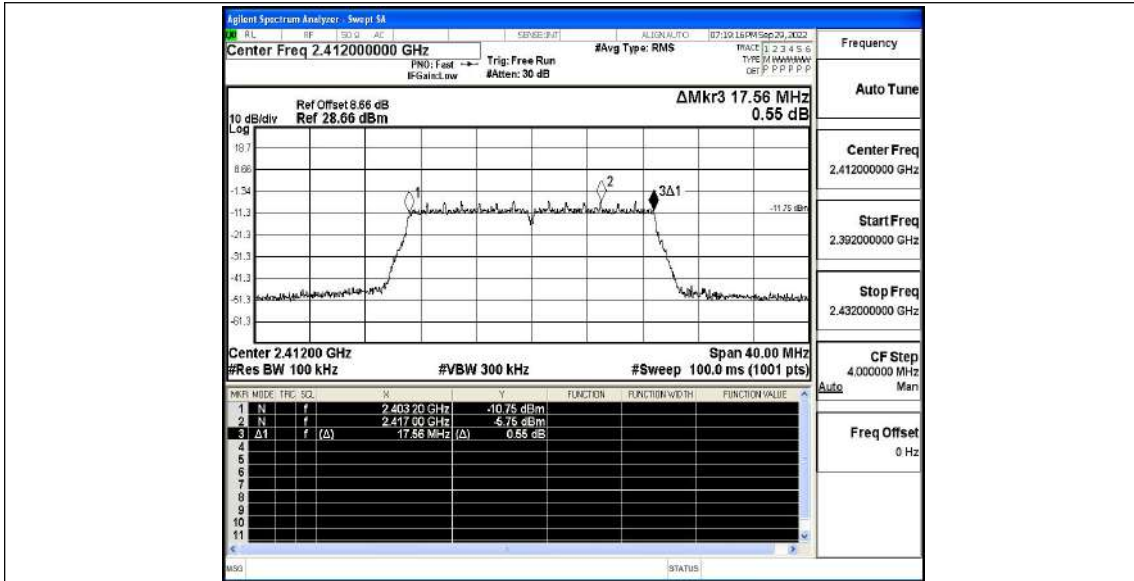


Shenzhen LCS Compliance Testing Laboratory Ltd.

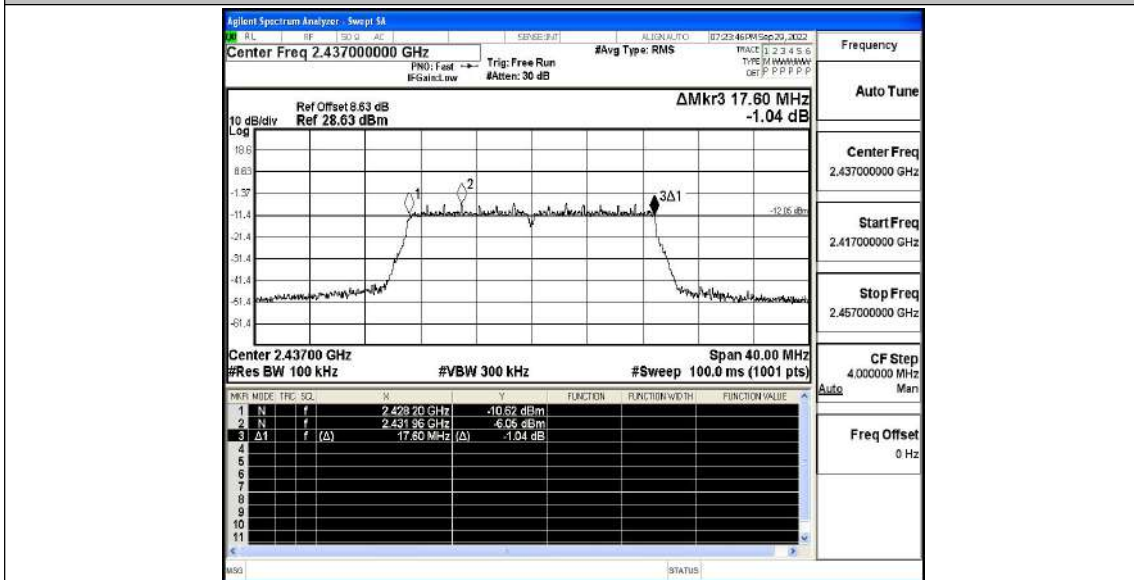
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

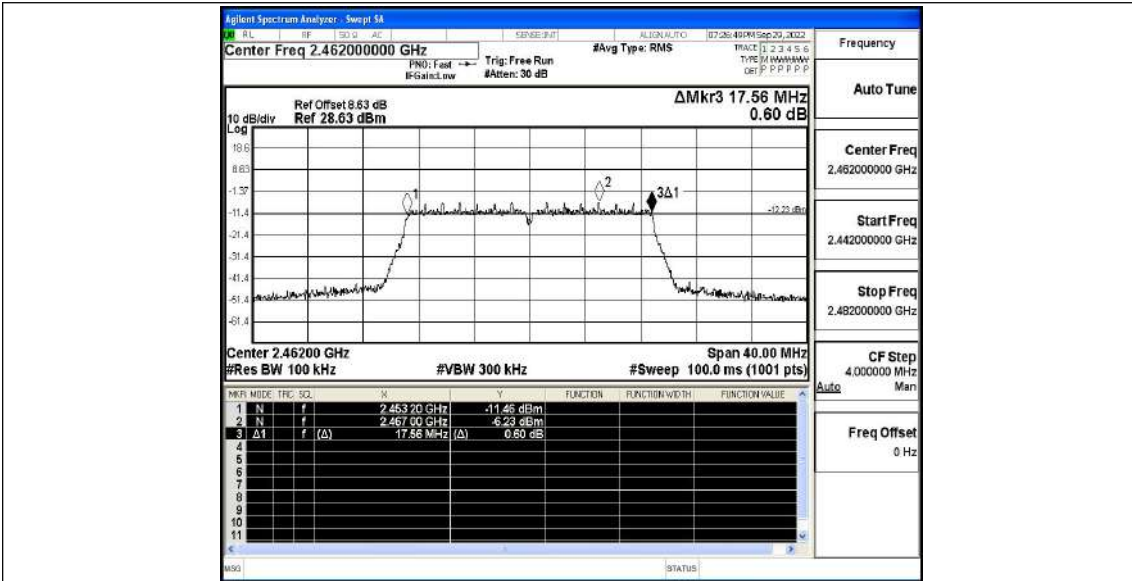


Shenzhen LCS Compliance Testing Laboratory Ltd.

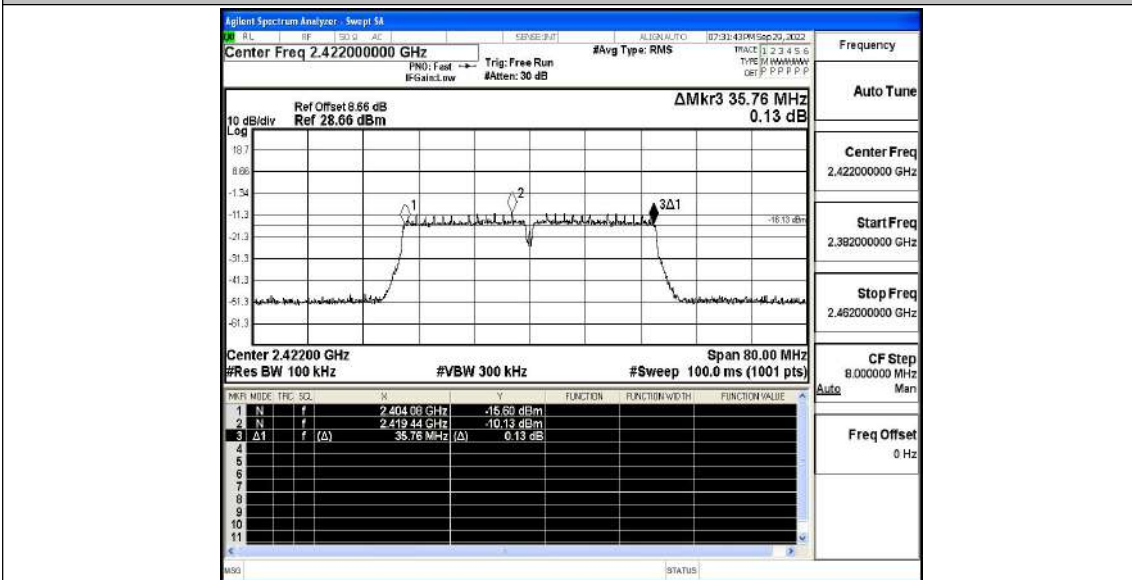
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity

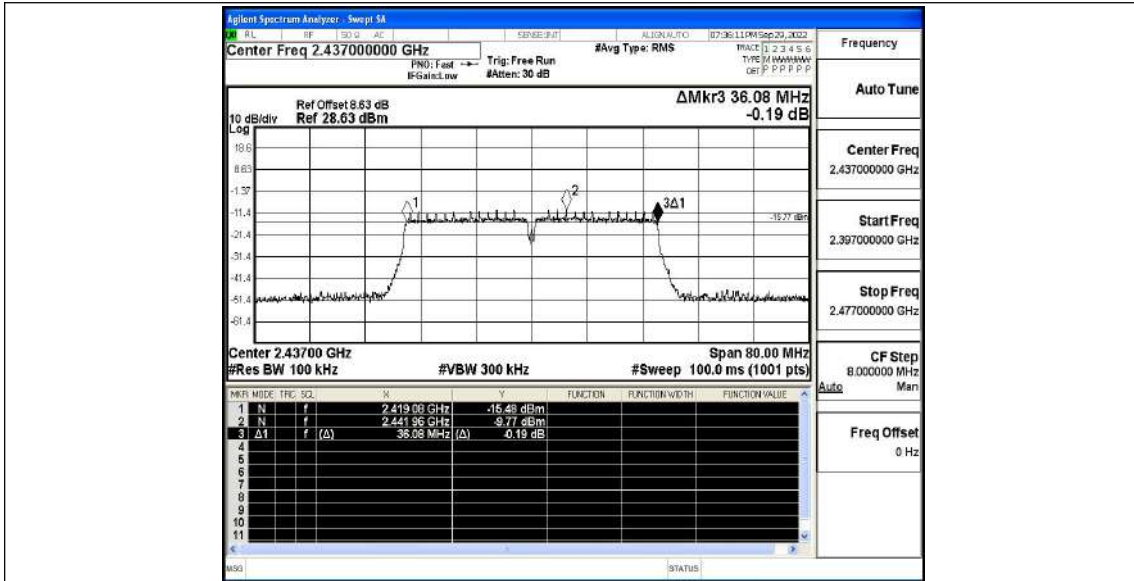


11N40SISO_Ant1_2422

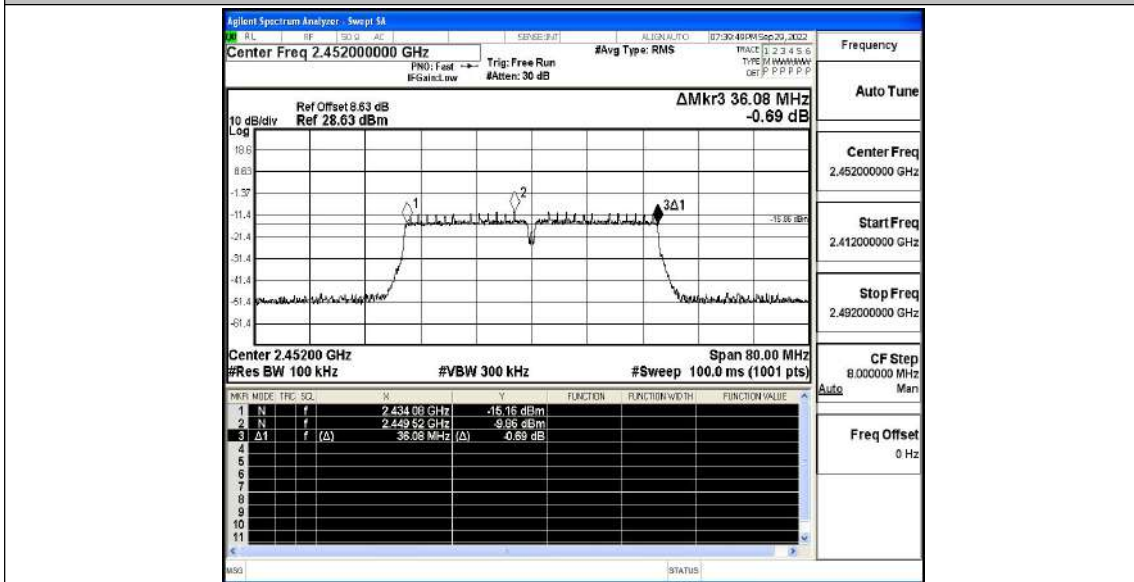


11N40SISO_Ant1_2437





11N40SISO_Ant1_2452



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



A.2 Maximum conducted output power

Test Result

TestMode	Antenna	Freq(MHz)	Powert[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	14.52	≤30.00	PASS
		2437	14.57	≤30.00	PASS
		2462	13.68	≤30.00	PASS
11G	Ant1	2412	13.85	≤30.00	PASS
		2437	13.73	≤30.00	PASS
		2462	13.36	≤30.00	PASS
11N20SISO	Ant1	2412	13.77	≤30.00	PASS
		2437	13.61	≤30.00	PASS
		2462	13.29	≤30.00	PASS
11N40SISO	Ant1	2422	12.18	≤30.00	PASS
		2437	12.68	≤30.00	PASS
		2452	12.34	≤30.00	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



A.3 Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/3-100kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-0.06	≤8.00	PASS
		2437	-12.43	≤8.00	PASS
		2462	-13.46	≤8.00	PASS
11G	Ant1	2412	-20.51	≤8.00	PASS
		2437	-20.33	≤8.00	PASS
		2462	-20.65	≤8.00	PASS
11N20SISO	Ant1	2412	-20.45	≤8.00	PASS
		2437	-21.05	≤8.00	PASS
		2462	-20.98	≤8.00	PASS
11N40SISO	Ant1	2422	-23.78	≤8.00	PASS
		2437	-23.54	≤8.00	PASS
		2452	-22.36	≤8.00	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

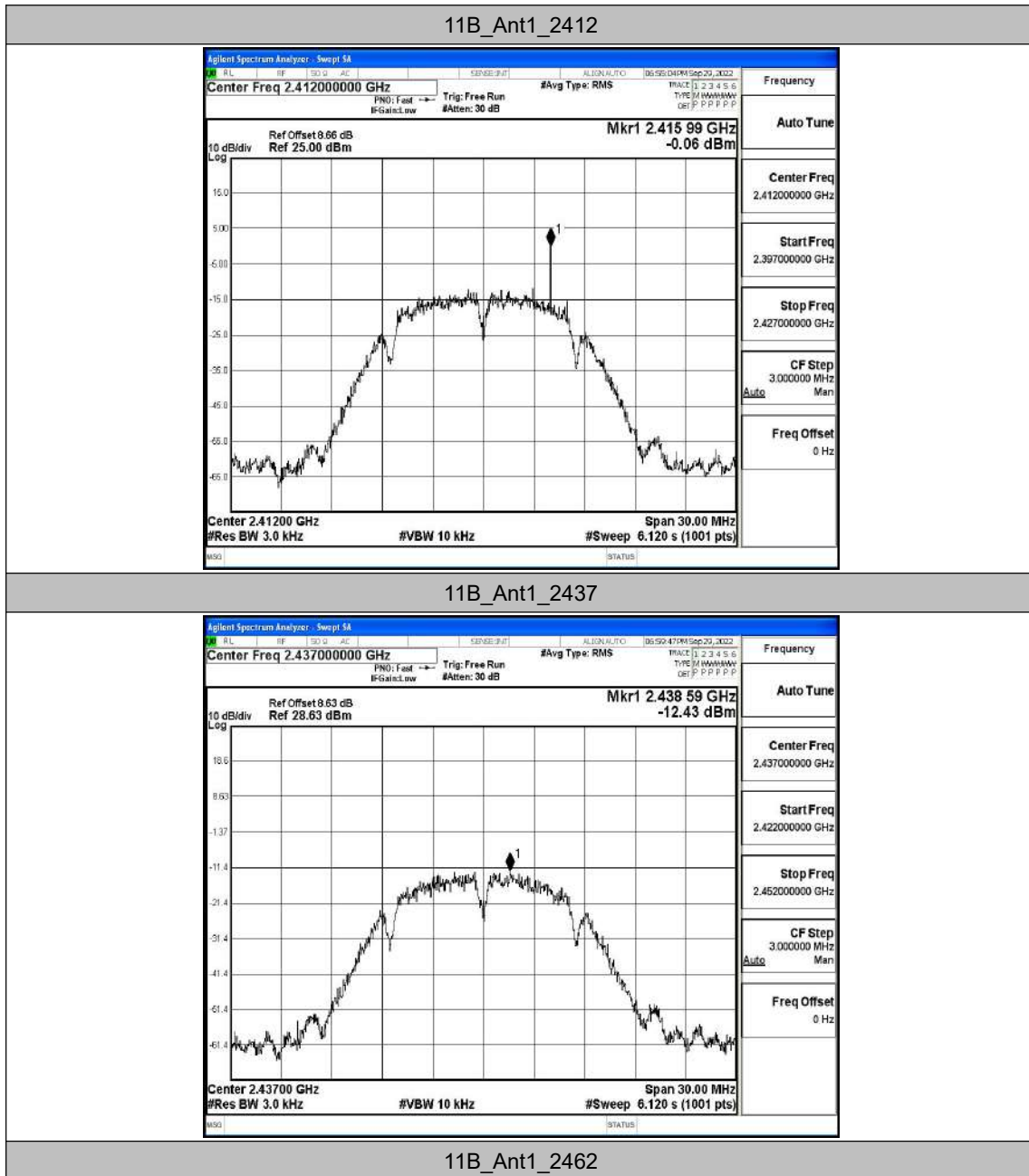
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



Test Graphs

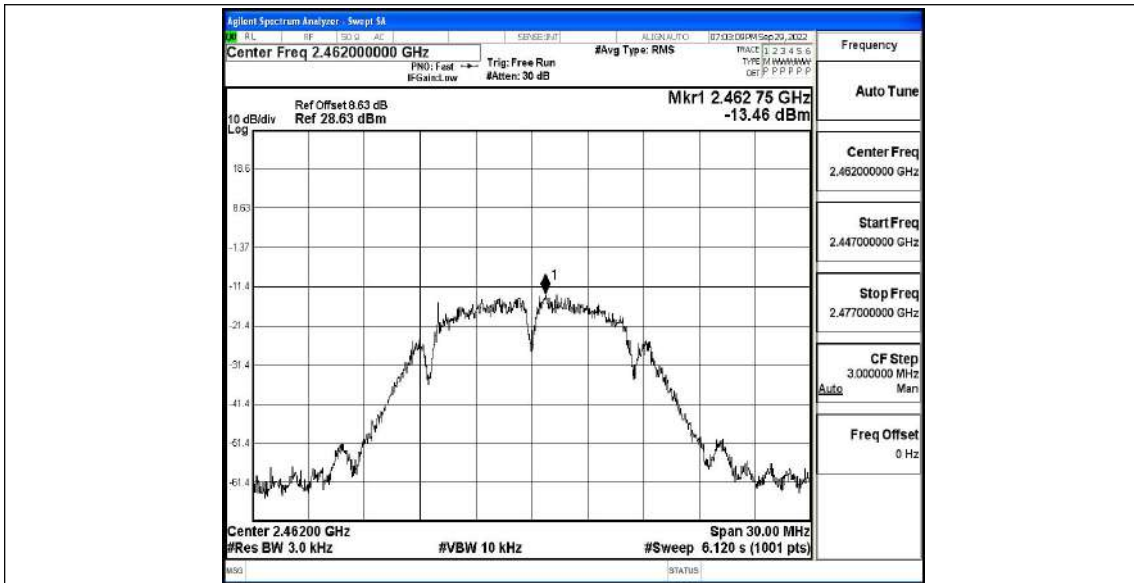


Shenzhen LCS Compliance Testing Laboratory Ltd.

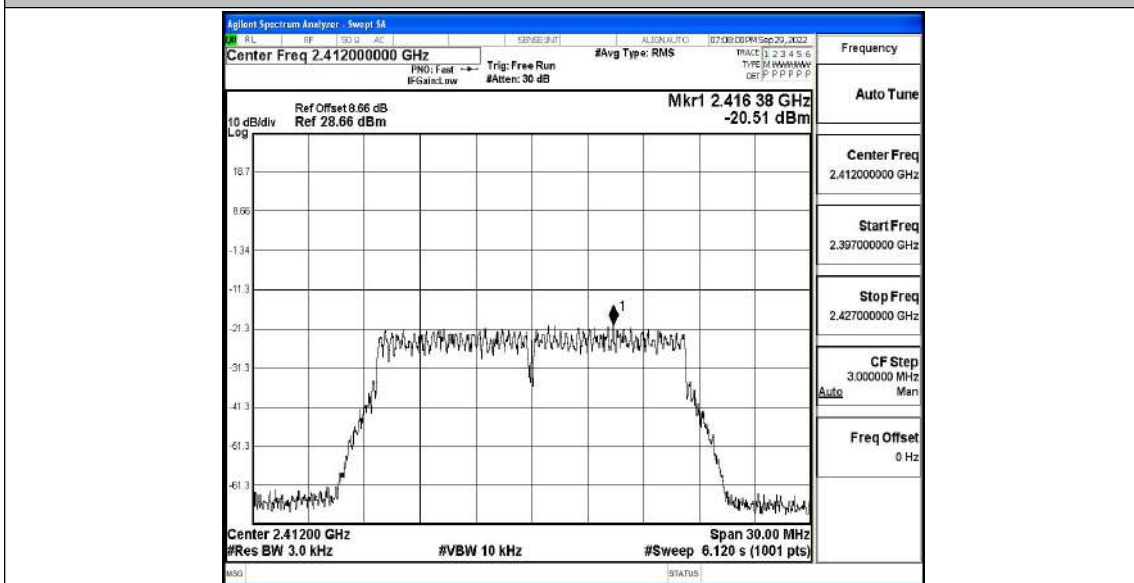
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11G_Ant1_2412



11G_Ant1_2437

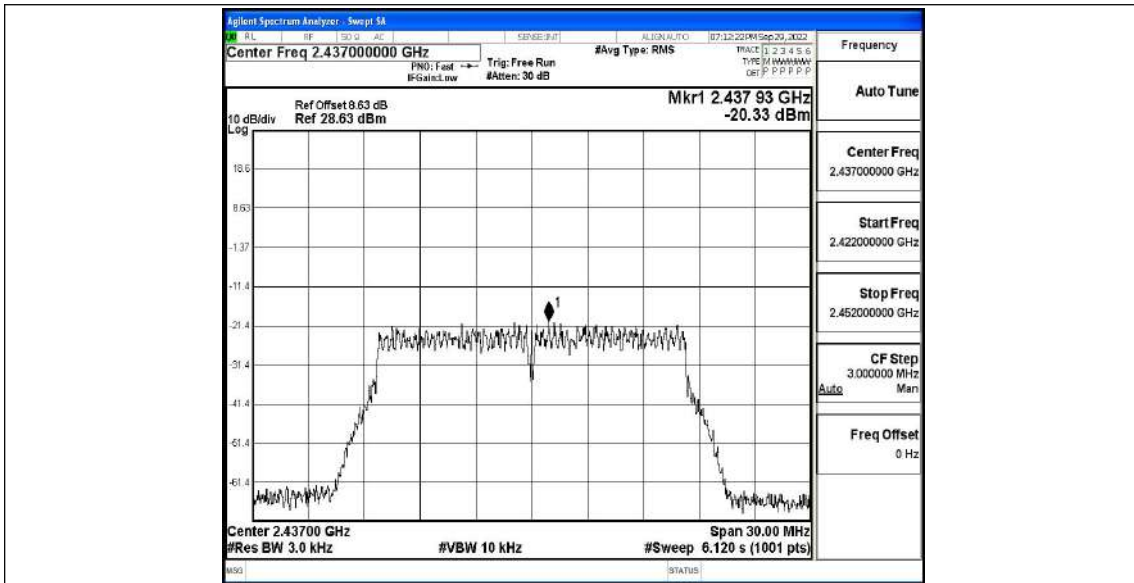


Shenzhen LCS Compliance Testing Laboratory Ltd.

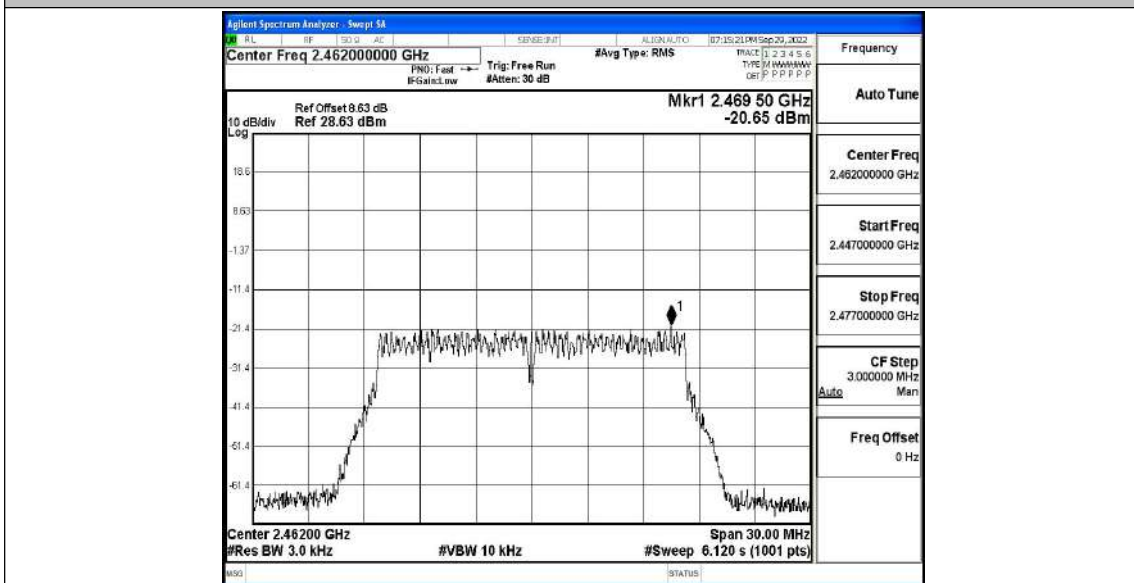
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11G_Ant1_2462



11N20SISO_Ant1_2412

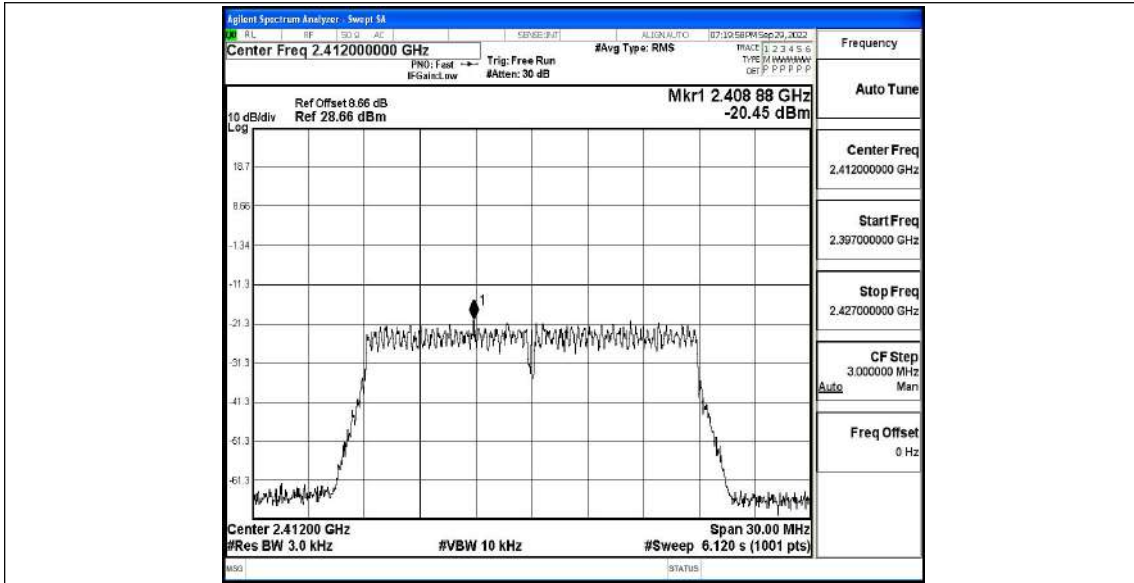


Shenzhen LCS Compliance Testing Laboratory Ltd.

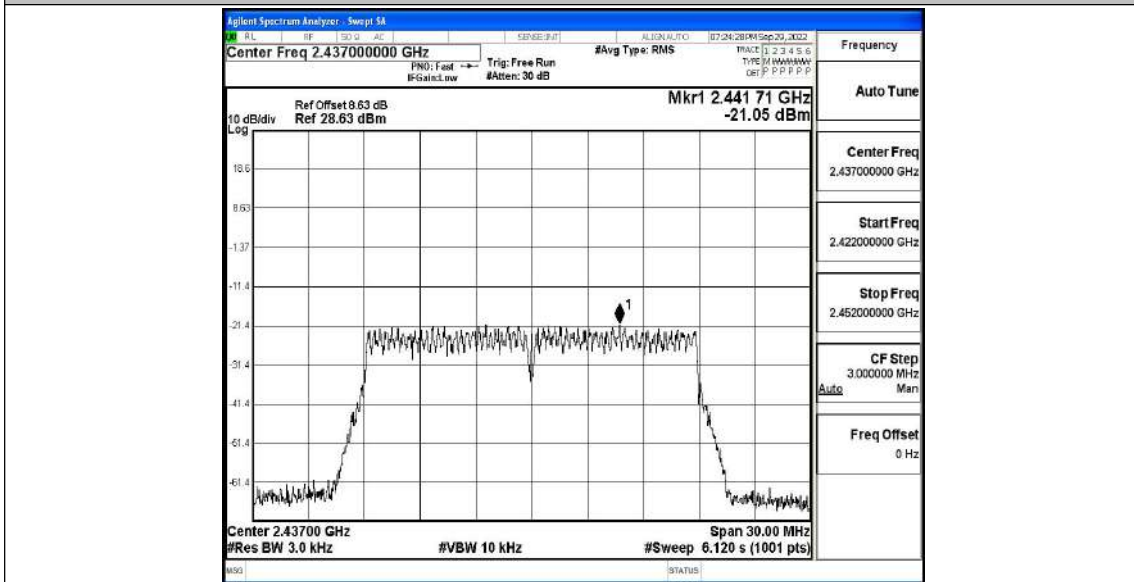
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity

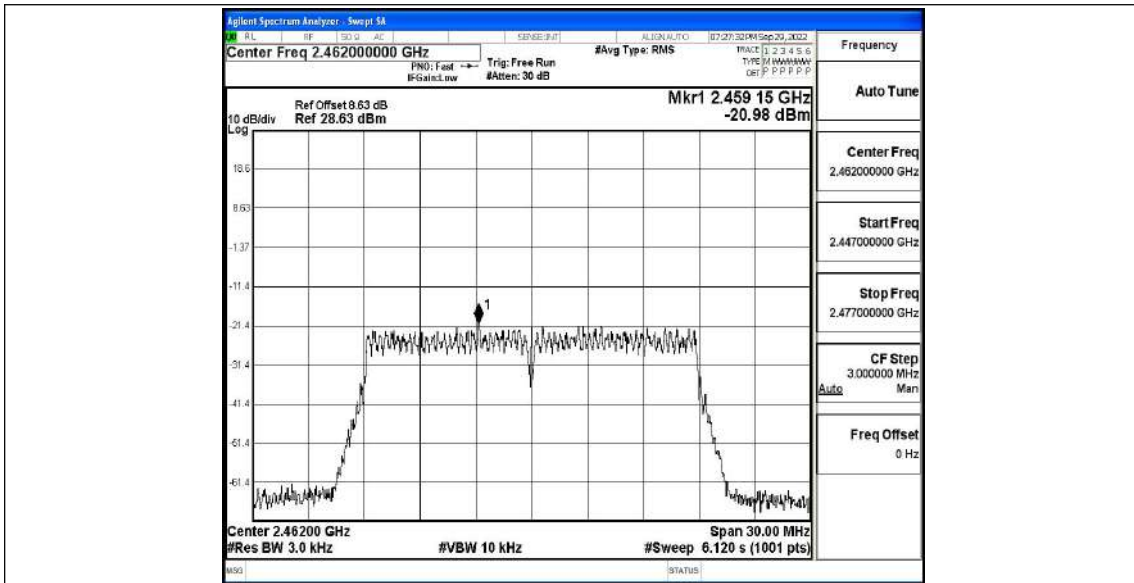


11N20SISO_Ant1_2437

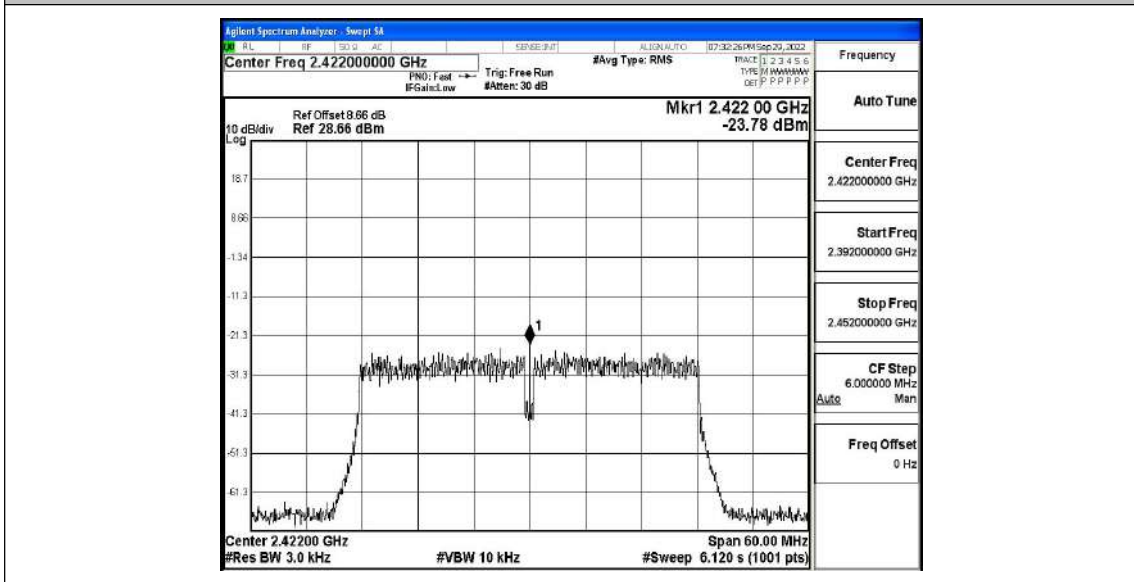


11N20SISO_Ant1_2462





11N40SISO_Ant1_2422



11N40SISO_Ant1_2437

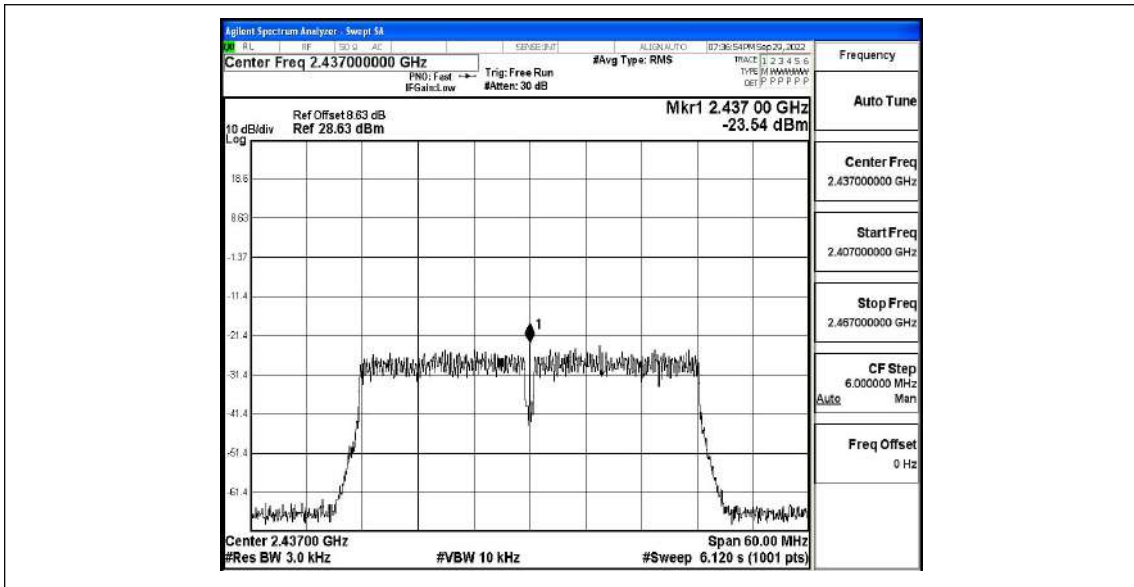


Shenzhen LCS Compliance Testing Laboratory Ltd.

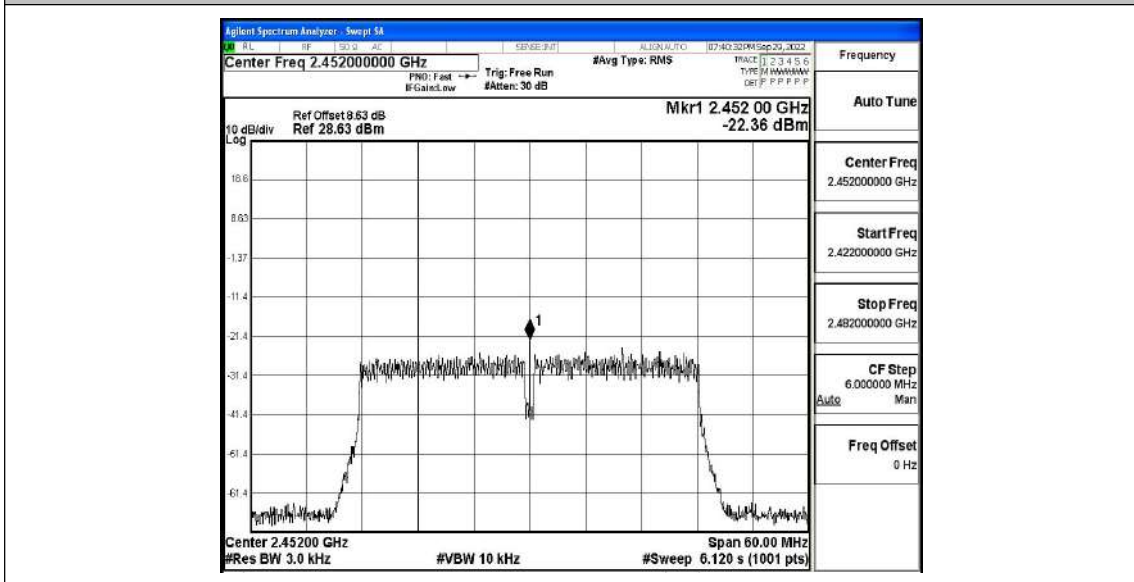
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N40SISO_Ant1_2452



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



A.4 Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.87	-44.14	≤-17.14	PASS
		High	2462	1.46	-48.61	≤-18.54	PASS
11G	Ant1	Low	2412	-5.82	-46.05	≤-25.82	PASS
		High	2462	-6.30	-47.67	≤-26.3	PASS
11N20SISO	Ant1	Low	2412	-5.83	-45.04	≤-25.83	PASS
		High	2462	-6.41	-48.43	≤-26.41	PASS
11N40SISO	Ant1	Low	2422	-10.29	-47.17	≤-30.29	PASS
		High	2452	-10.17	-46.97	≤-30.17	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

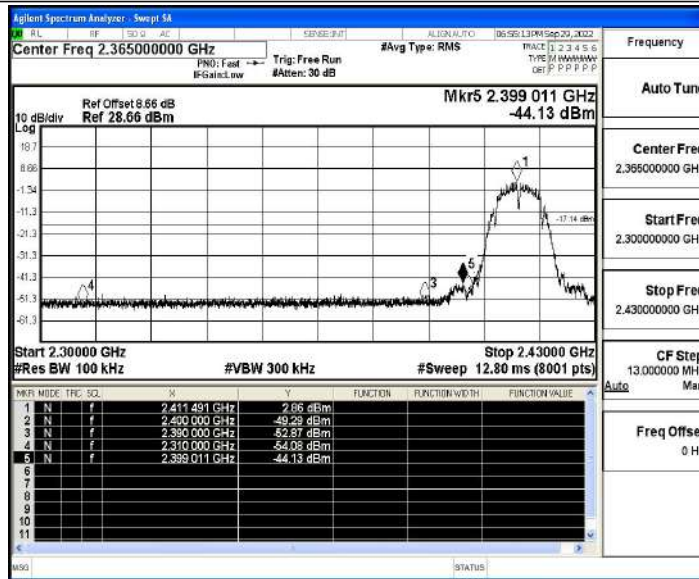
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

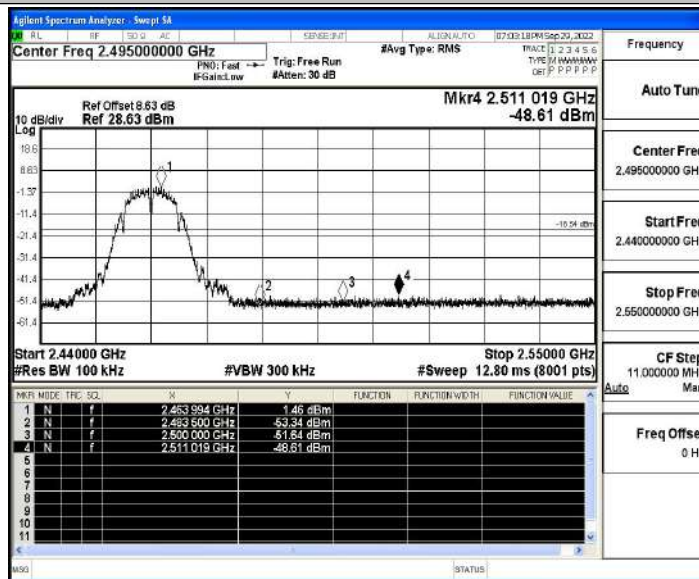


Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412

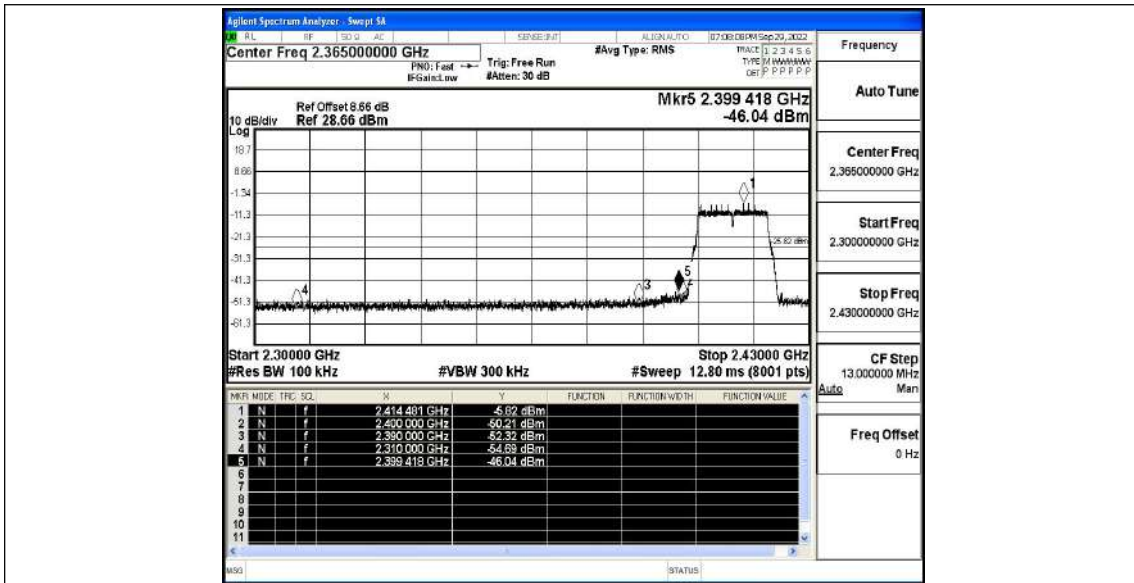


Shenzhen LCS Compliance Testing Laboratory Ltd.

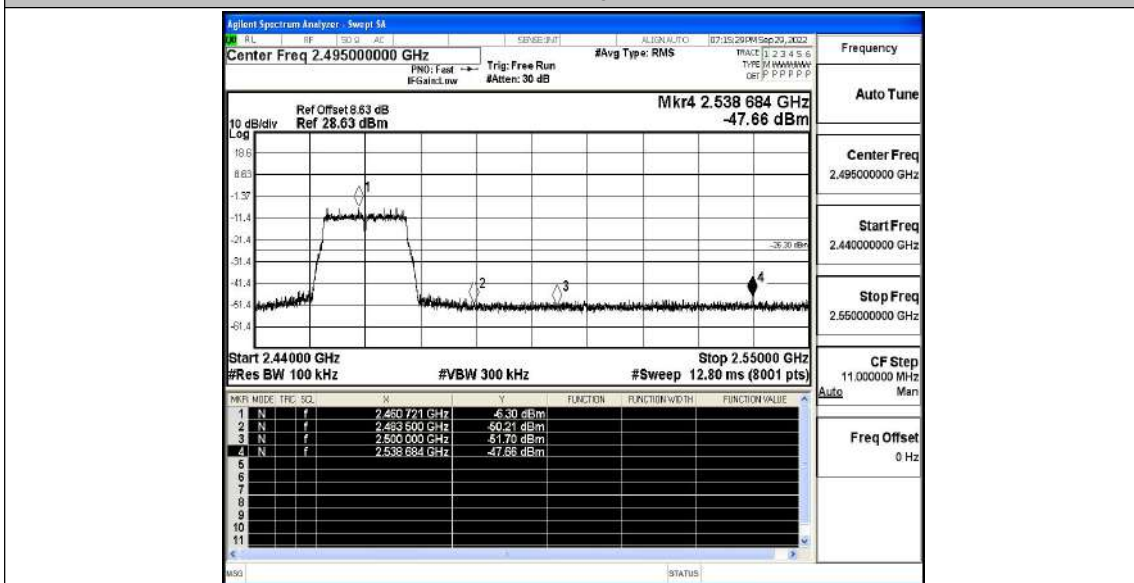
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412

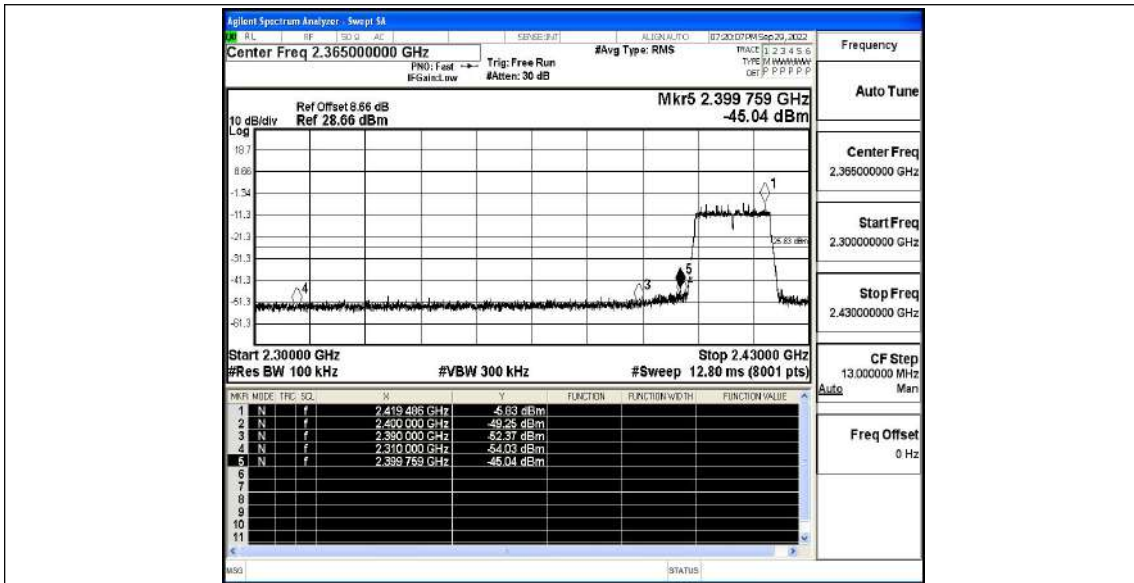


Shenzhen LCS Compliance Testing Laboratory Ltd.

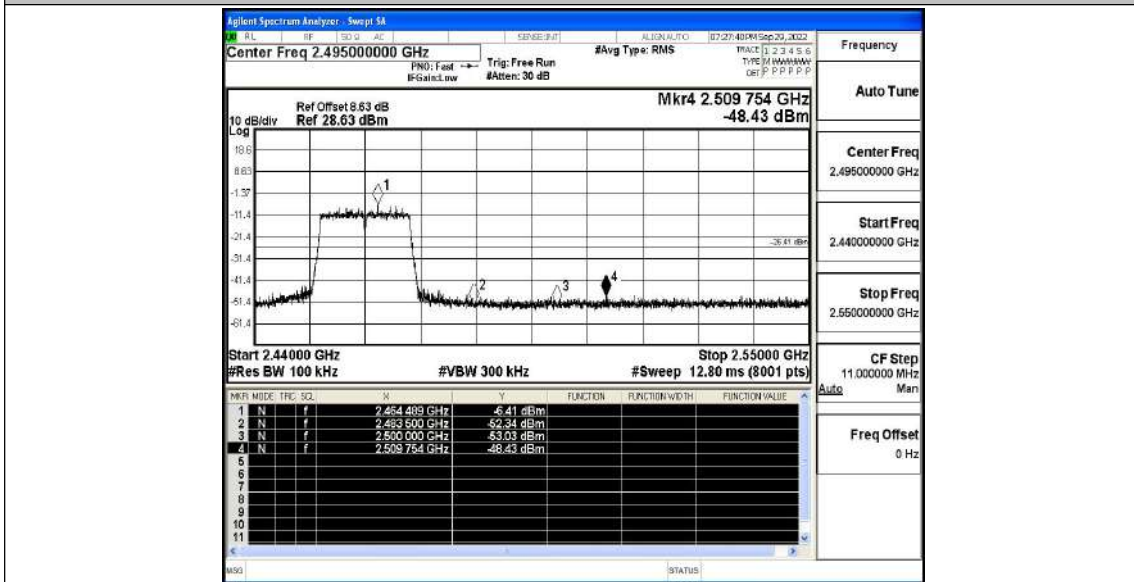
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422

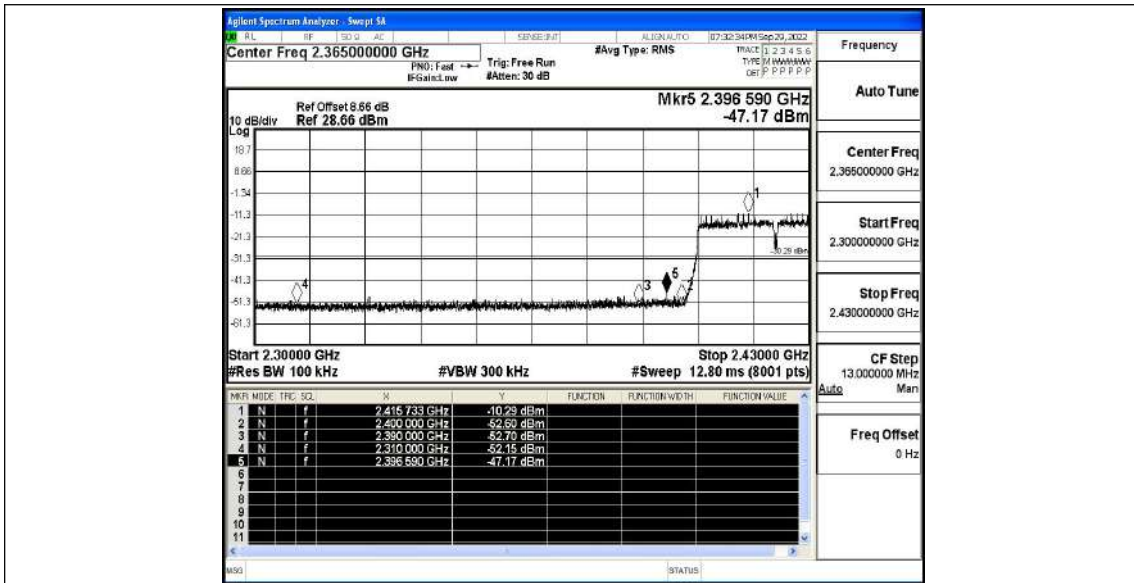


Shenzhen LCS Compliance Testing Laboratory Ltd.

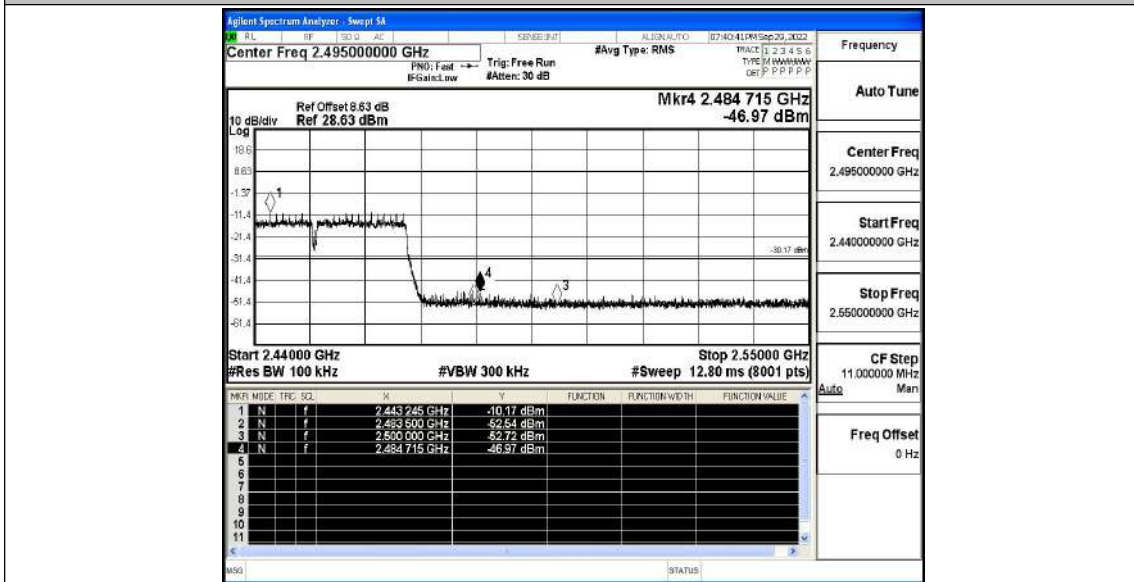
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N40SISO_Ant1_High_2452



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



A.5 Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	1.08	1.08	---	PASS
			30~1000	1.08	-60.51	≤-18.92	PASS
			1000~26500	1.08	-46.01	≤-18.92	PASS
		2437	Reference	0.63	0.63	---	PASS
			30~1000	0.63	-60.17	≤-19.37	PASS
			1000~26500	0.63	-46.26	≤-19.37	PASS
		2462	Reference	-0.61	-0.61	---	PASS
			30~1000	-0.61	-60.55	≤-20.61	PASS
			1000~26500	-0.61	-46.11	≤-20.61	PASS
11G	Ant1	2412	Reference	-5.52	-5.52	---	PASS
			30~1000	-5.52	-46.64	≤-25.52	PASS
			1000~26500	-5.52	-46.24	≤-25.52	PASS
		2437	Reference	-8.20	-8.20	---	PASS
			30~1000	-8.20	-60.45	≤-28.2	PASS
			1000~26500	-8.20	-46.38	≤-28.2	PASS
		2462	Reference	-6.85	-6.85	---	PASS
			30~1000	-6.85	-50.65	≤-26.85	PASS
			1000~26500	-6.85	-46.19	≤-26.85	PASS
11N20SISO	Ant1	2412	Reference	-8.15	-8.15	---	PASS
			30~1000	-8.15	-57.66	≤-28.15	PASS
			1000~26500	-8.15	-46.14	≤-28.15	PASS
		2437	Reference	-9.11	-9.11	---	PASS
			30~1000	-9.11	-49.18	≤-29.11	PASS
			1000~26500	-9.11	-46.17	≤-29.11	PASS
		2462	Reference	-6.44	-6.44	---	PASS
			30~1000	-6.44	-60.77	≤-26.44	PASS
			1000~26500	-6.44	-46.32	≤-26.44	PASS
11N40SISO	Ant1	2422	Reference	-10.13	-10.13	---	PASS
			30~1000	-10.13	-61	≤-30.13	PASS
			1000~26500	-10.13	-44.47	≤-30.13	PASS
		2437	Reference	-12.12	-12.12	---	PASS
			30~1000	-12.12	-60.66	≤-32.12	PASS
			1000~26500	-12.12	-45.62	≤-32.12	PASS
		2452	Reference	-10.38	-10.38	---	PASS
			30~1000	-10.38	-60.55	≤-30.38	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



			1000~26500	-10.38	-46.05	≤-30.38	PASS
--	--	--	------------	--------	--------	---------	------



Shenzhen LCS Compliance Testing Laboratory Ltd.

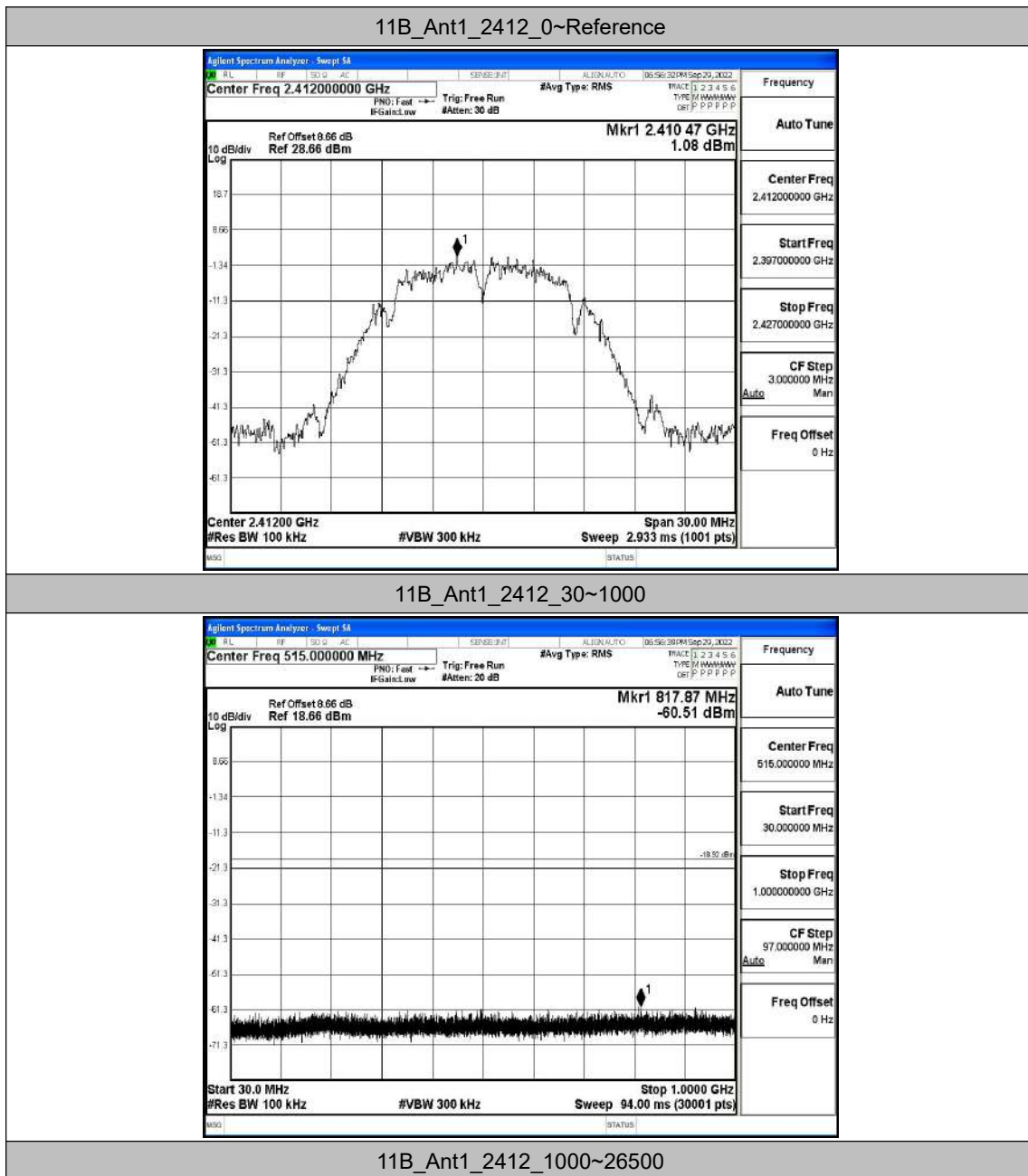
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

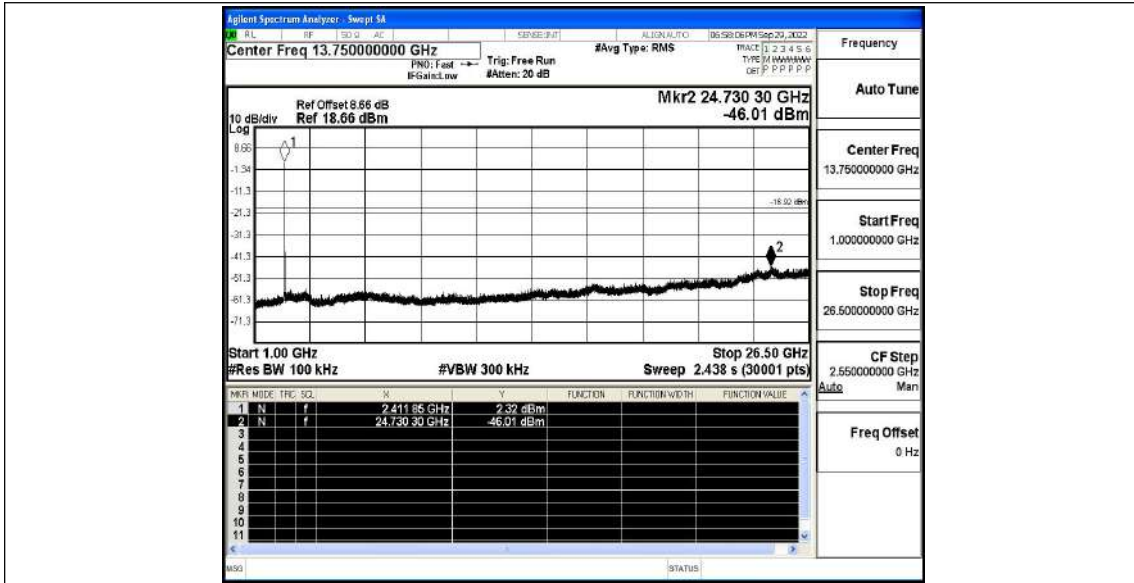
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

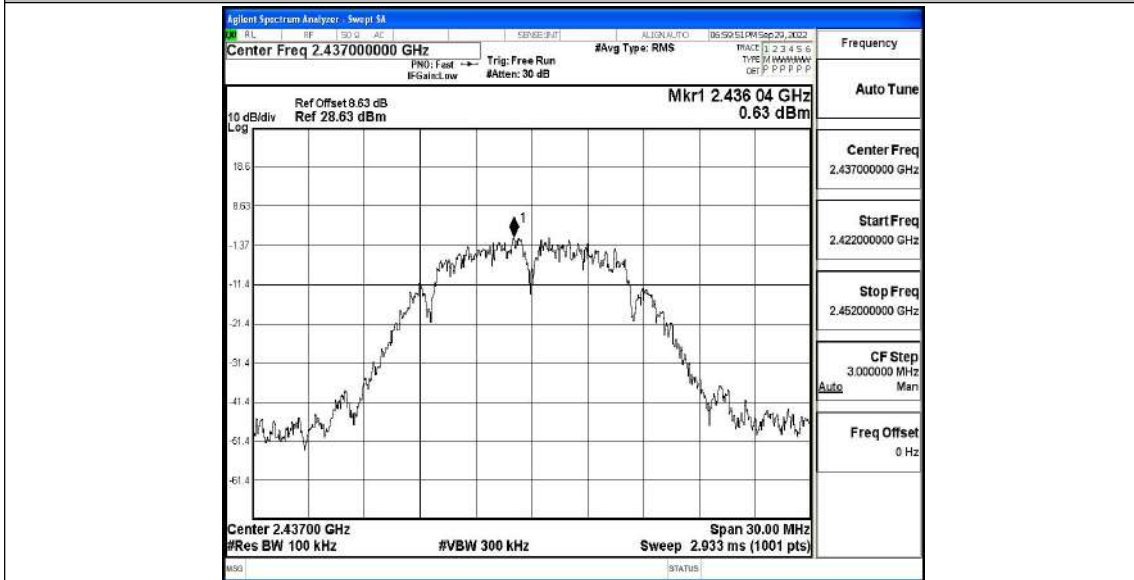


Test Graphs





11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000

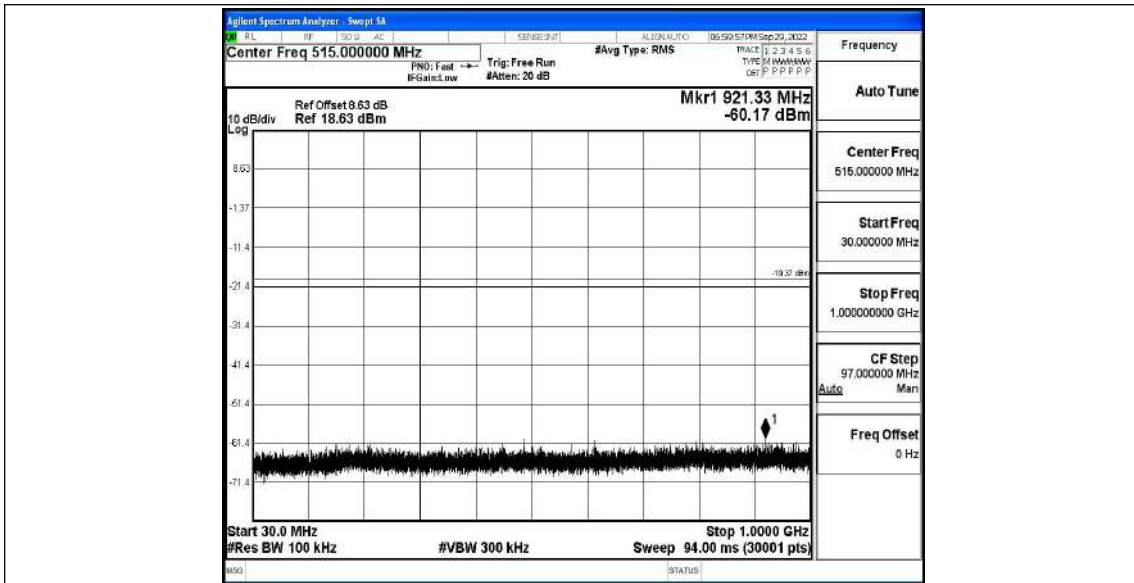


Shenzhen LCS Compliance Testing Laboratory Ltd.

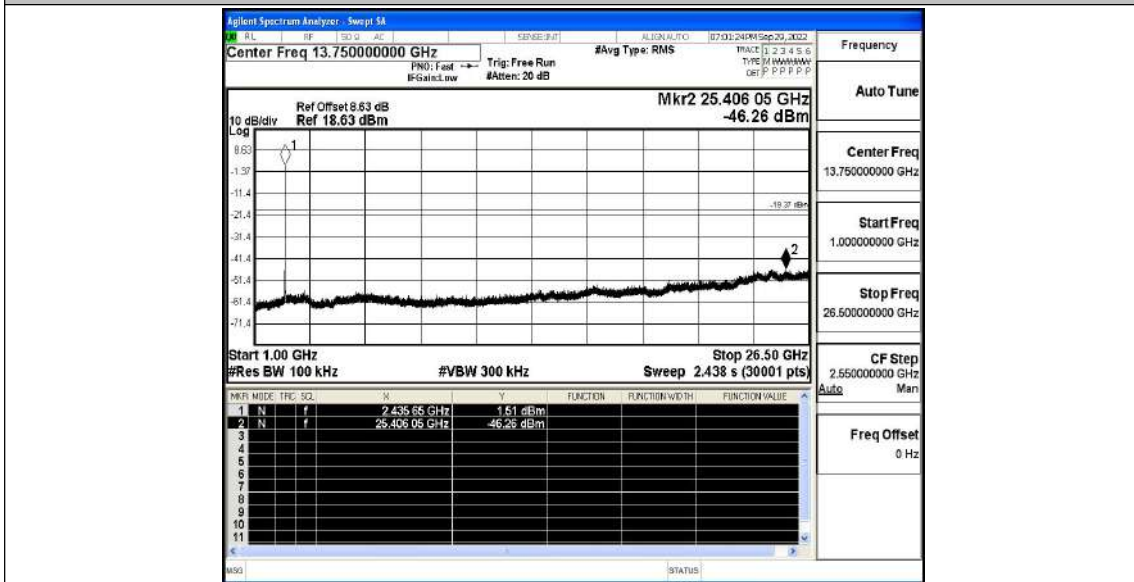
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference

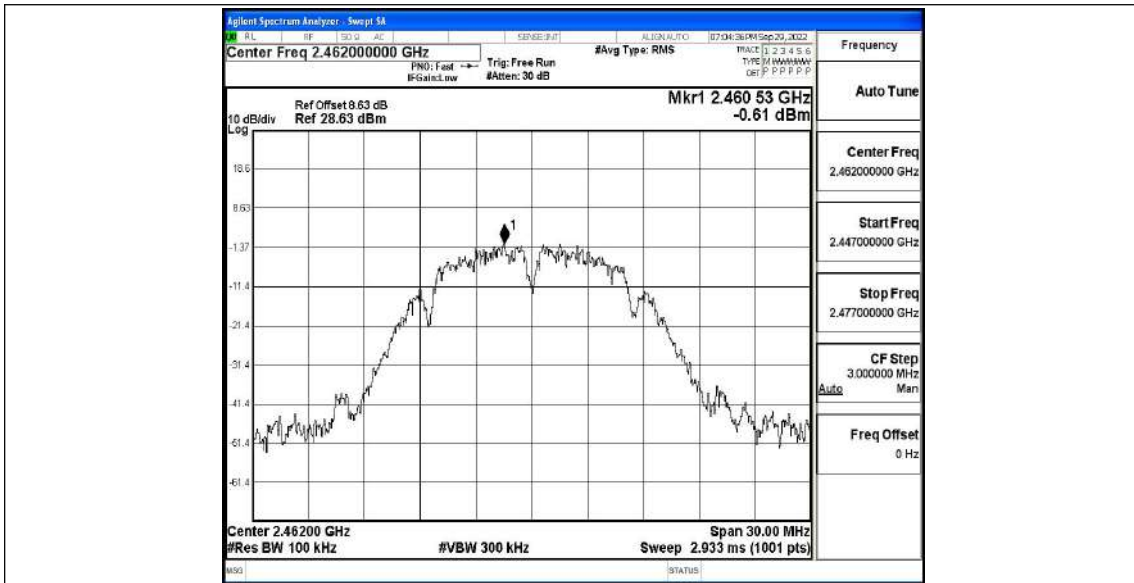


Shenzhen LCS Compliance Testing Laboratory Ltd.

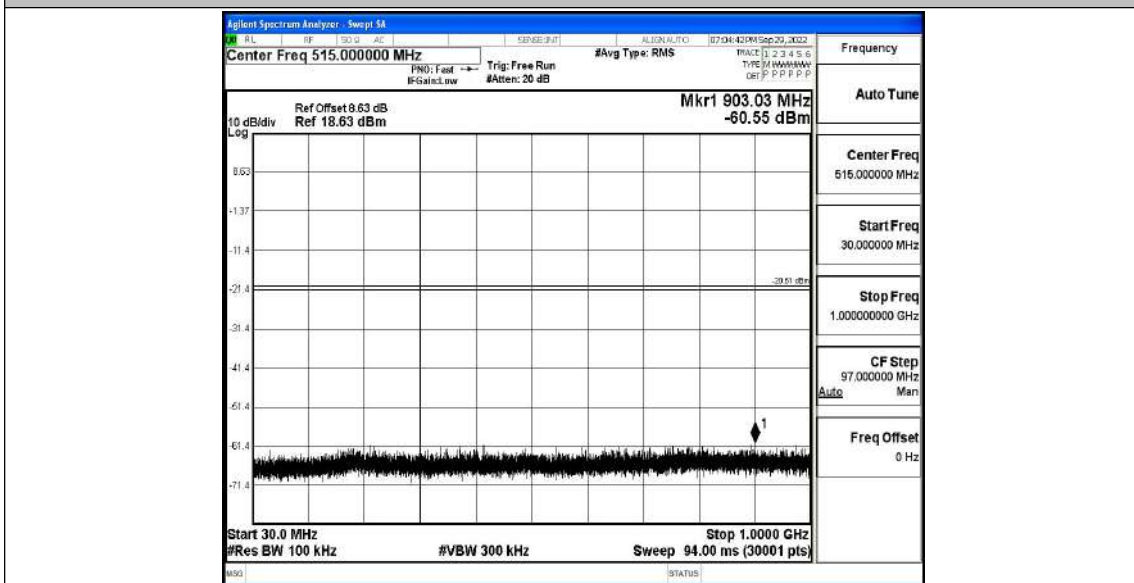
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500

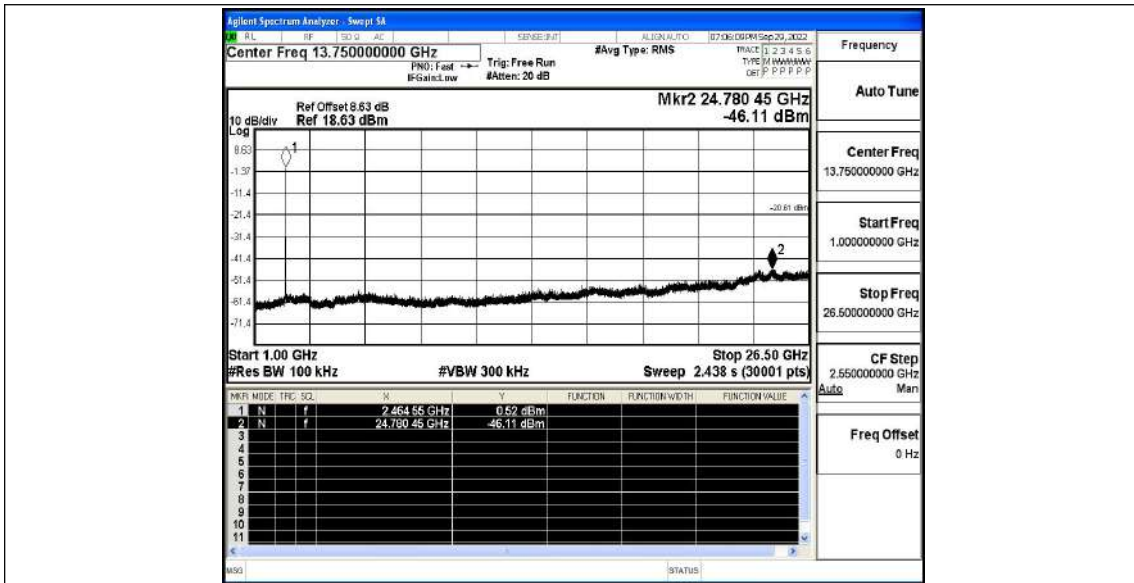


Shenzhen LCS Compliance Testing Laboratory Ltd.

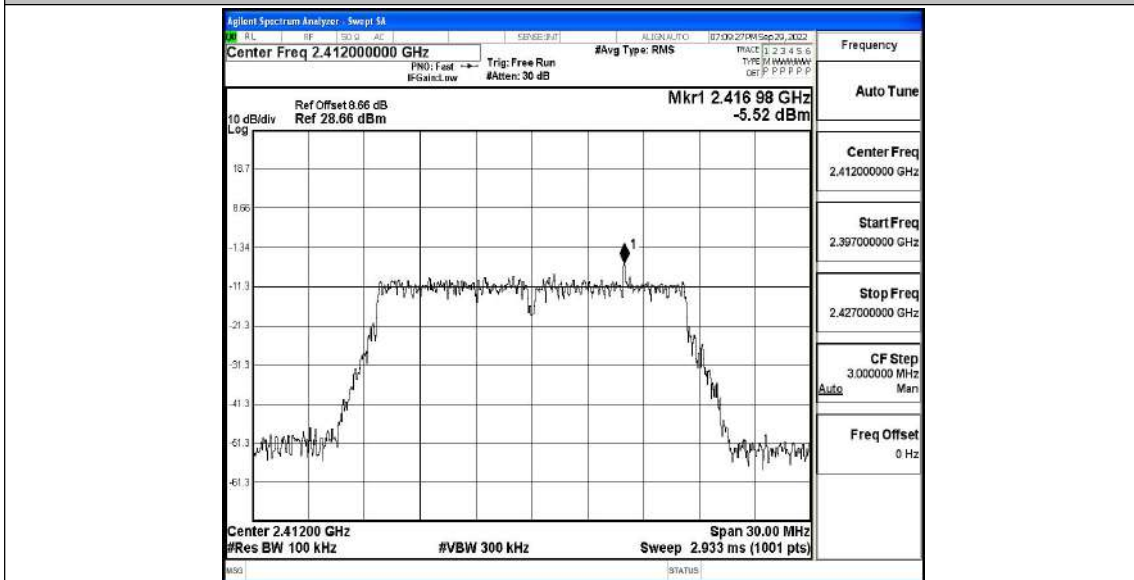
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity

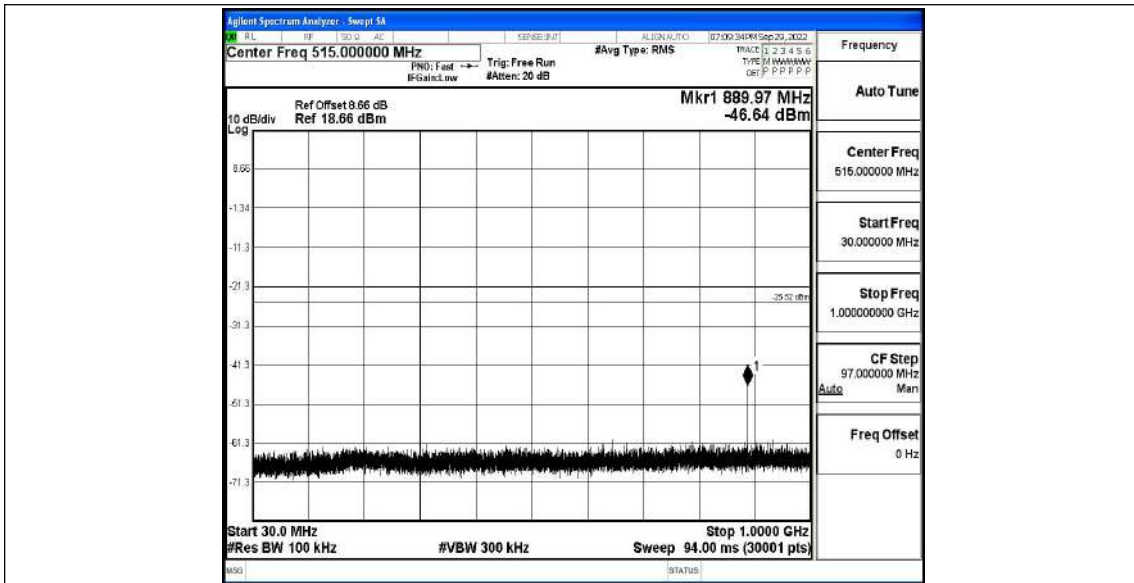


11G_Ant1_2412_0~Reference

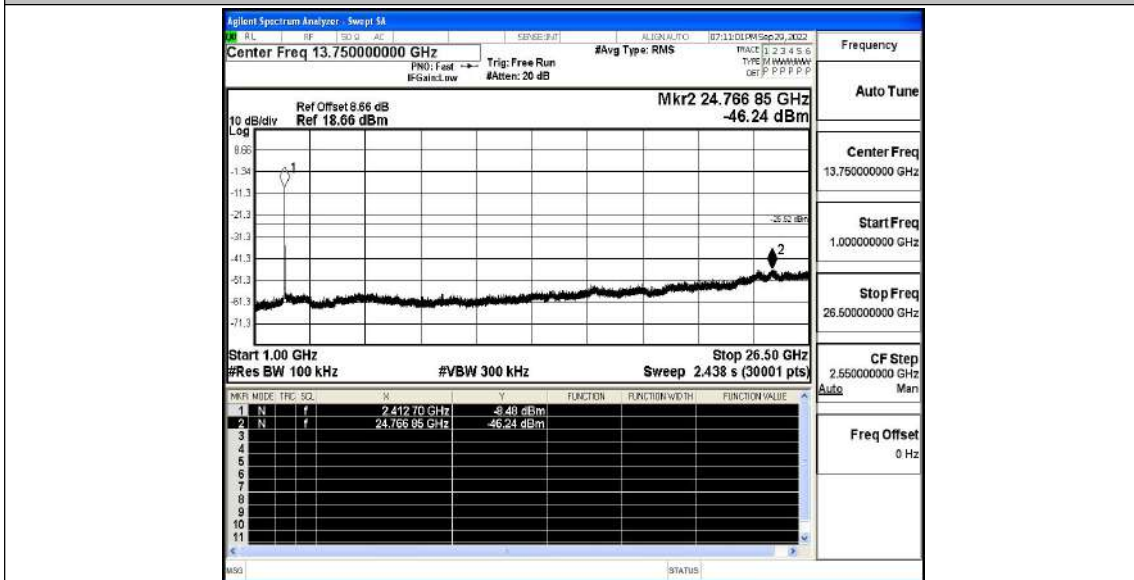


11G_Ant1_2412_30~1000





11G_Ant1_2412_1000~26500



11G_Ant1_2437_0~Reference

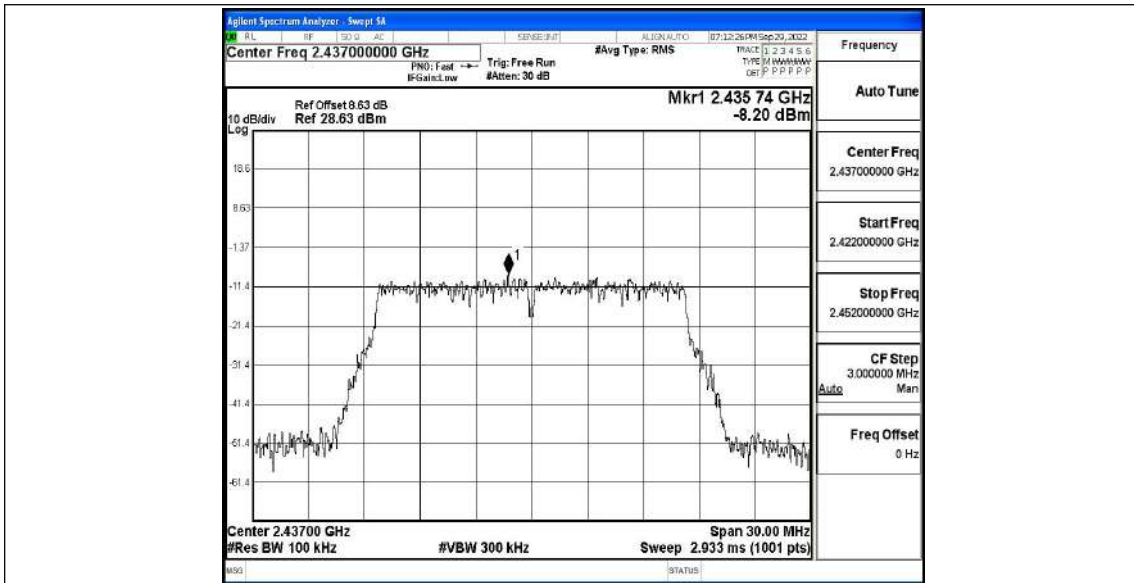


Shenzhen LCS Compliance Testing Laboratory Ltd.

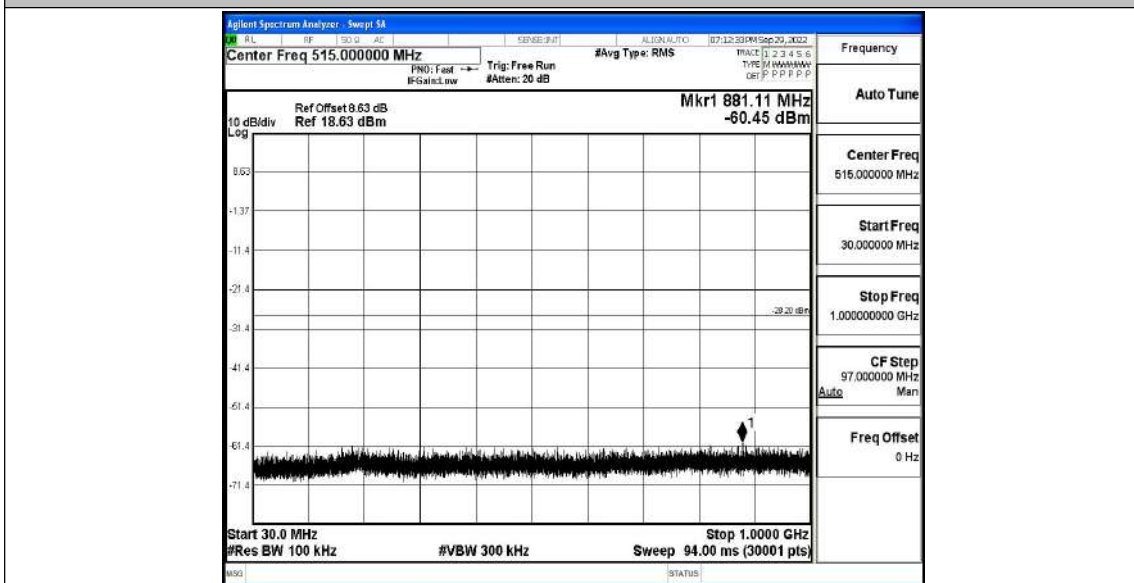
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11G_Ant1_2437_30~1000



11G_Ant1_2437_1000~26500

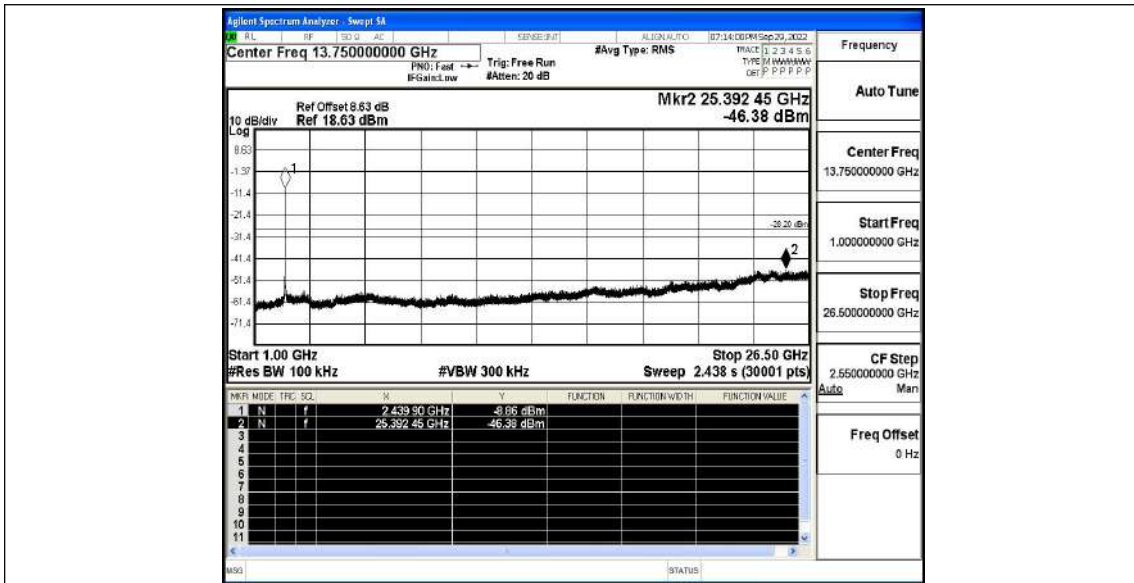


Shenzhen LCS Compliance Testing Laboratory Ltd.

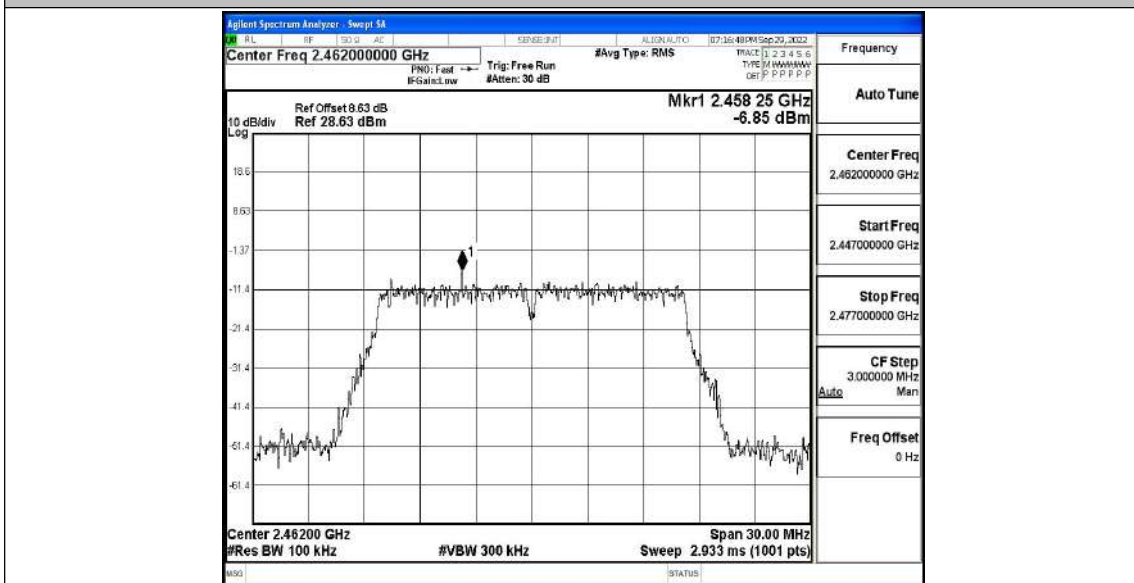
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000

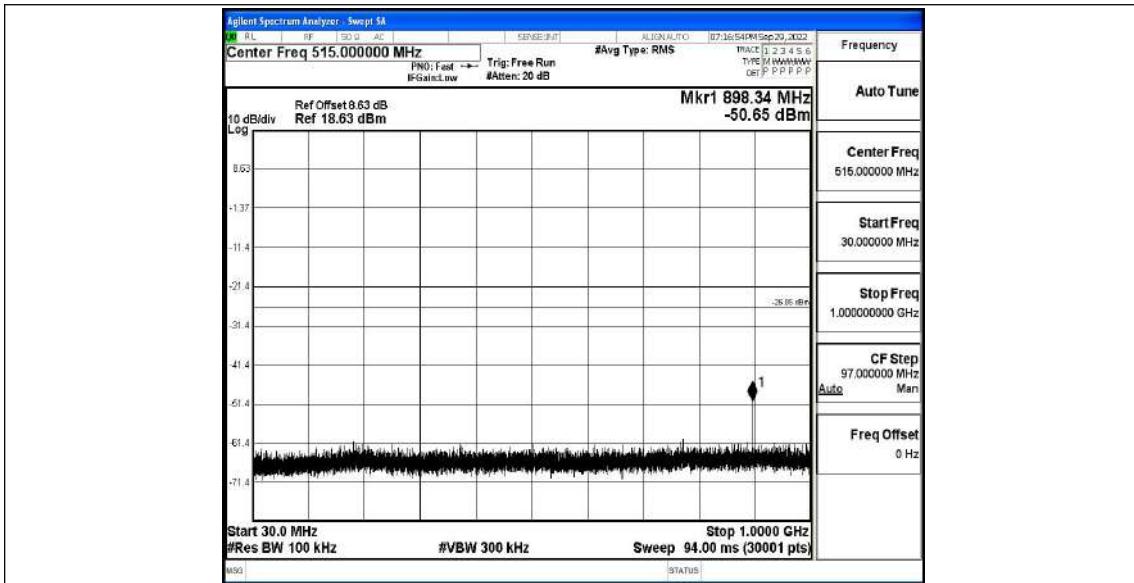


Shenzhen LCS Compliance Testing Laboratory Ltd.

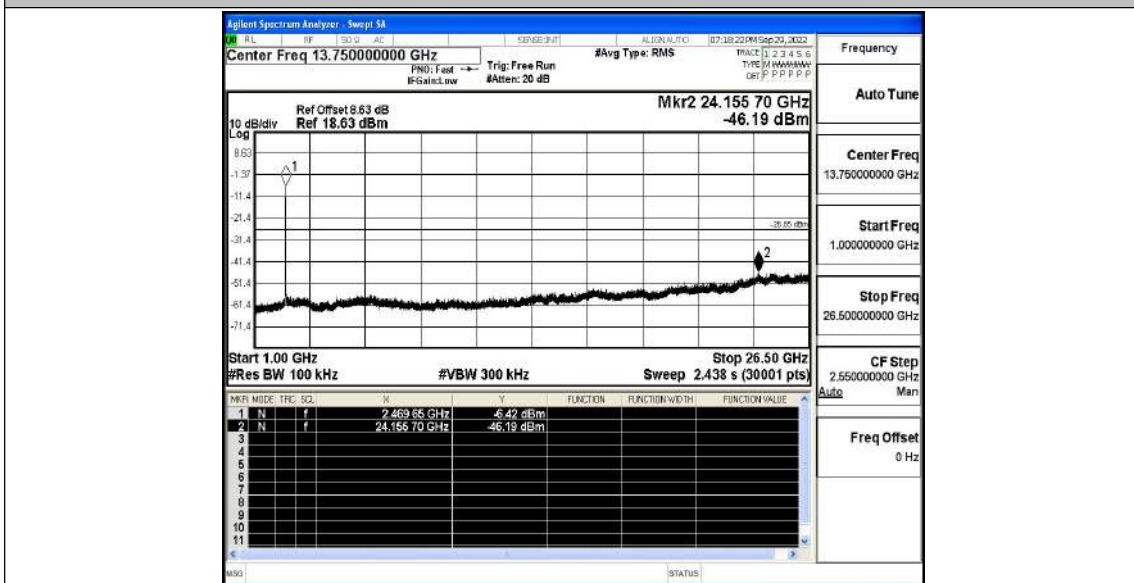
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference

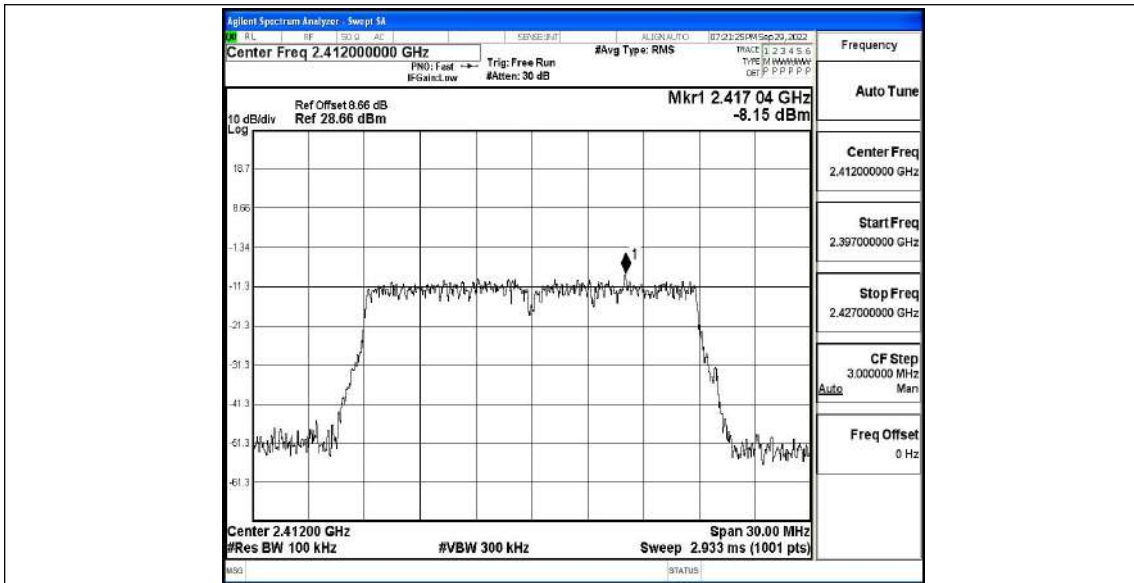


Shenzhen LCS Compliance Testing Laboratory Ltd.

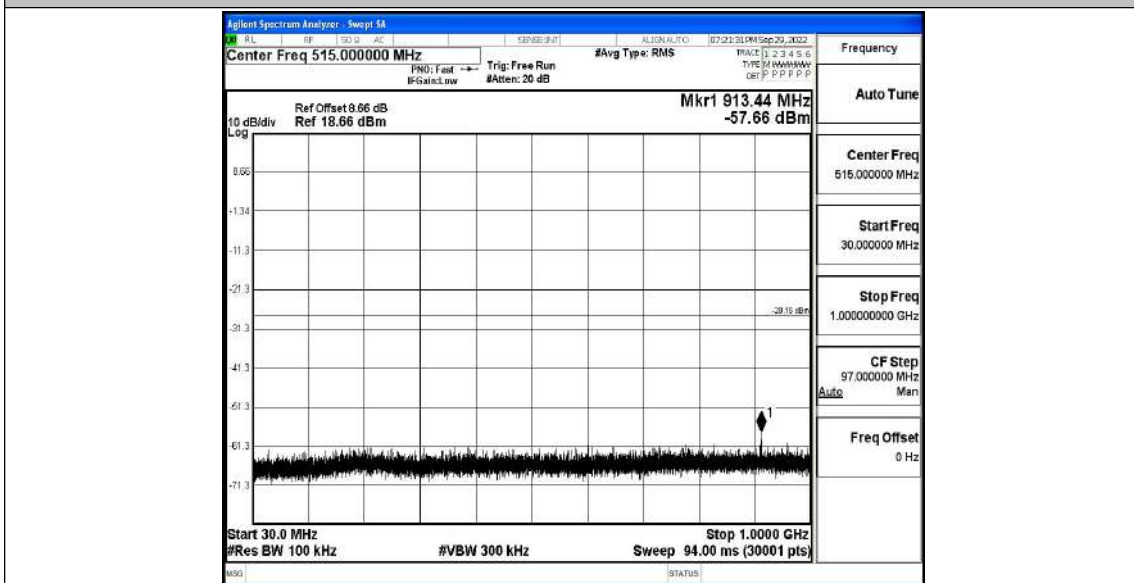
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N20SISO_Ant1_2412_30~1000



11N20SISO_Ant1_2412_1000~26500

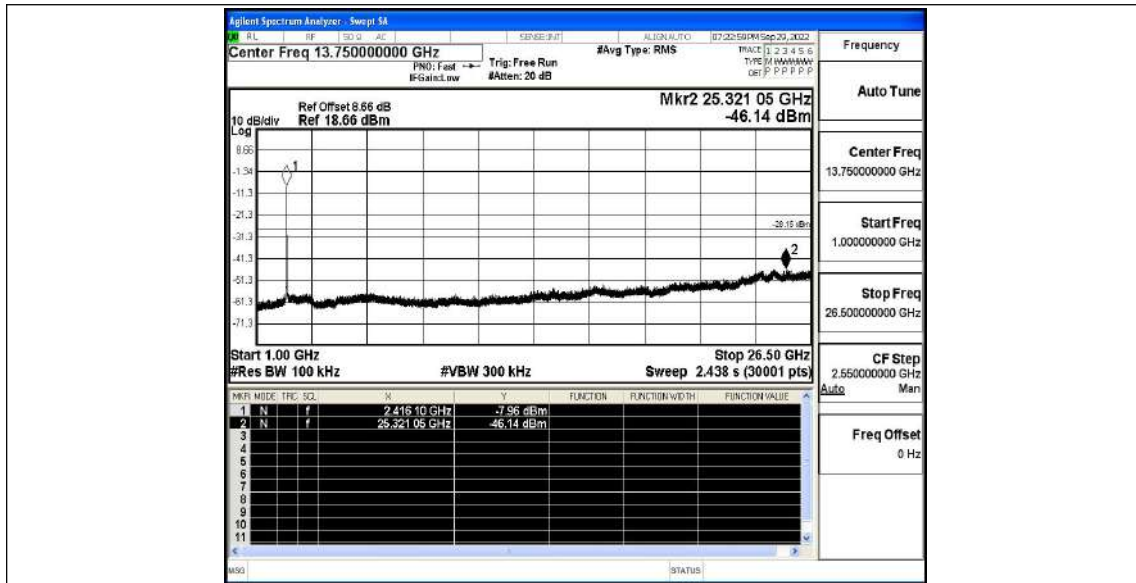


Shenzhen LCS Compliance Testing Laboratory Ltd.

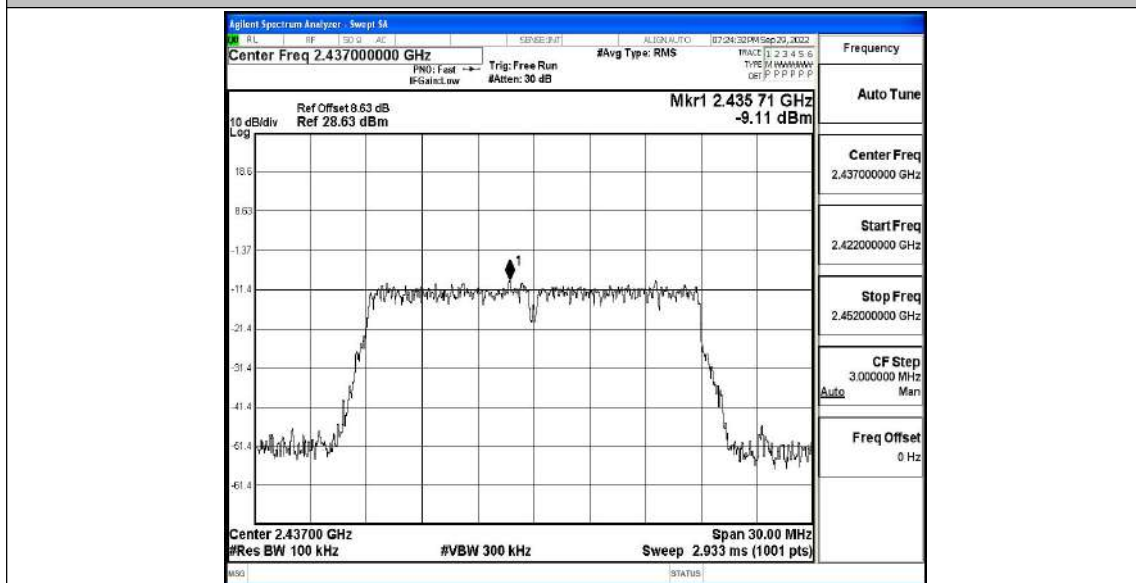
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000

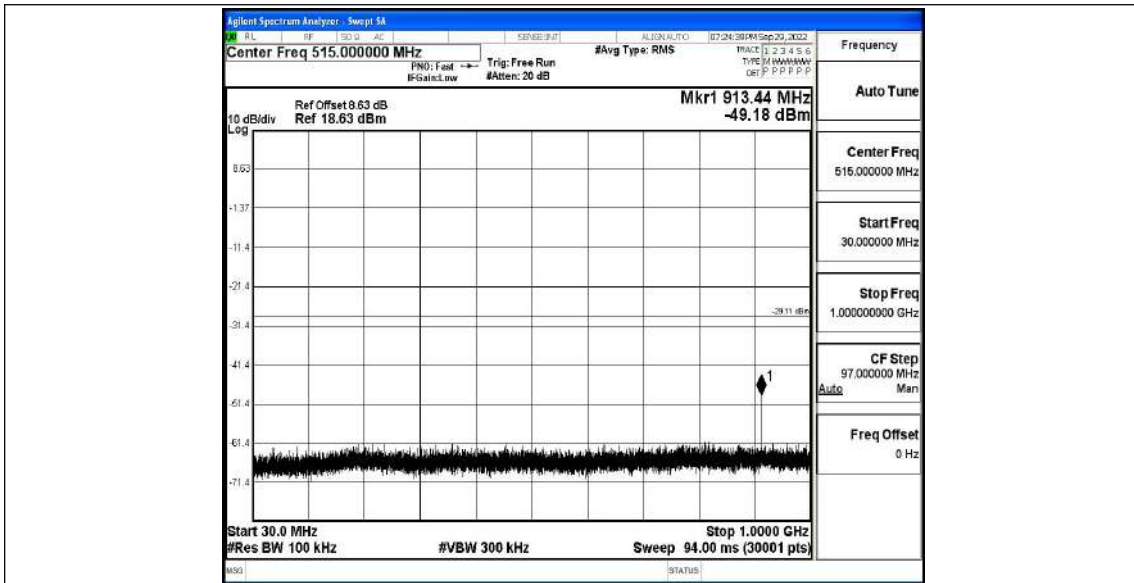


Shenzhen LCS Compliance Testing Laboratory Ltd.

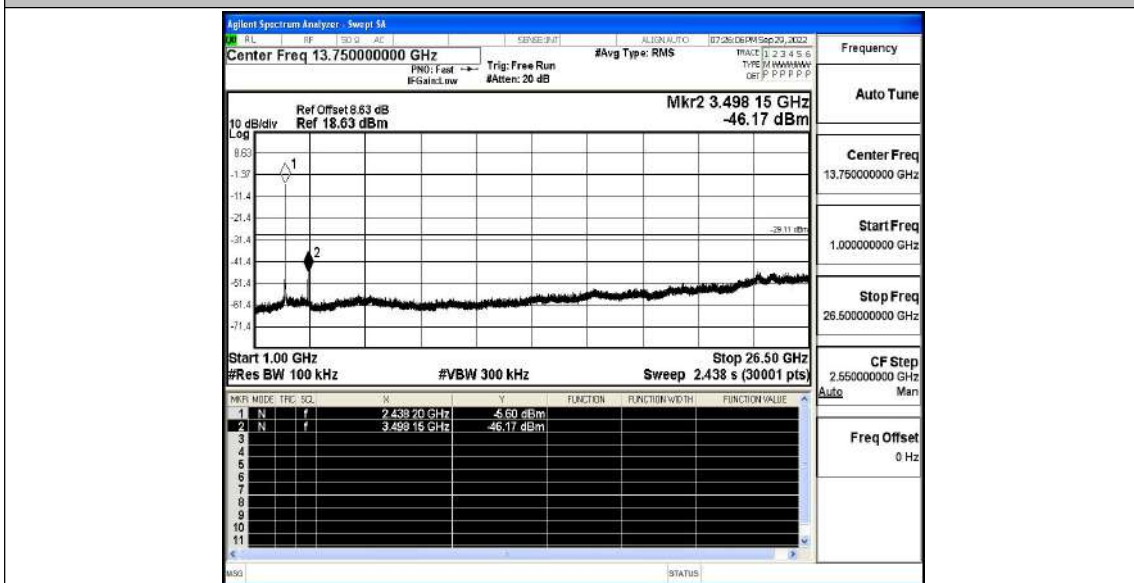
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference

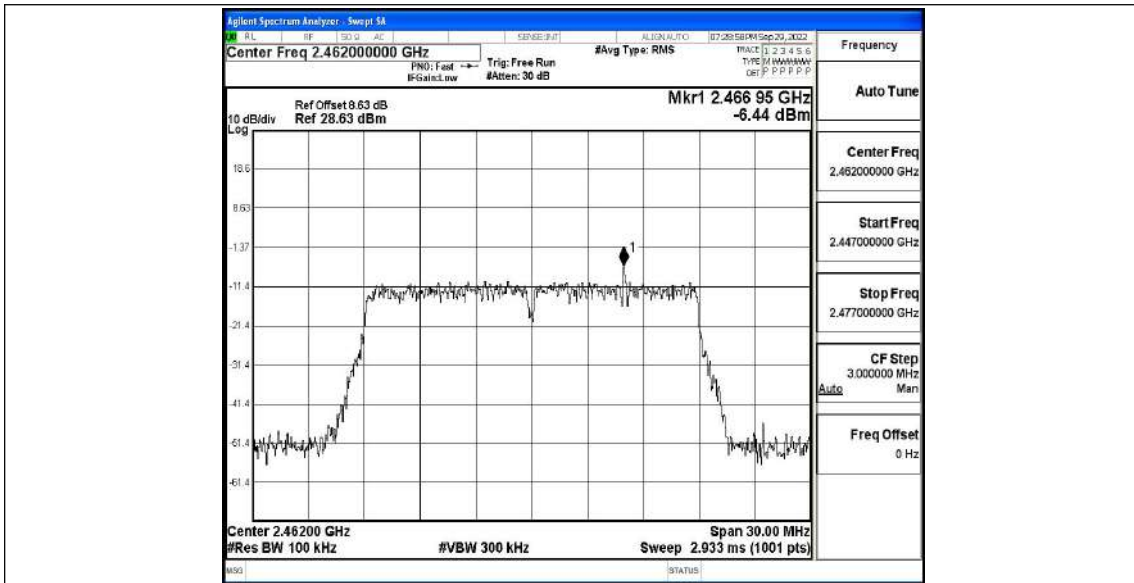


Shenzhen LCS Compliance Testing Laboratory Ltd.

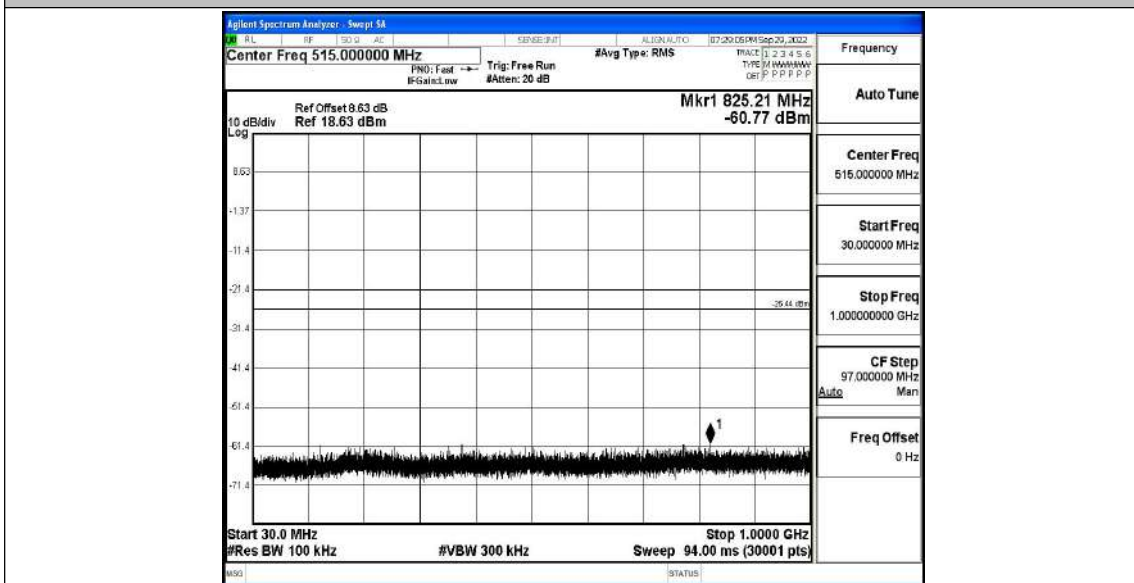
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N20SISO_Ant1_2462_30~1000



11N20SISO_Ant1_2462_1000~26500

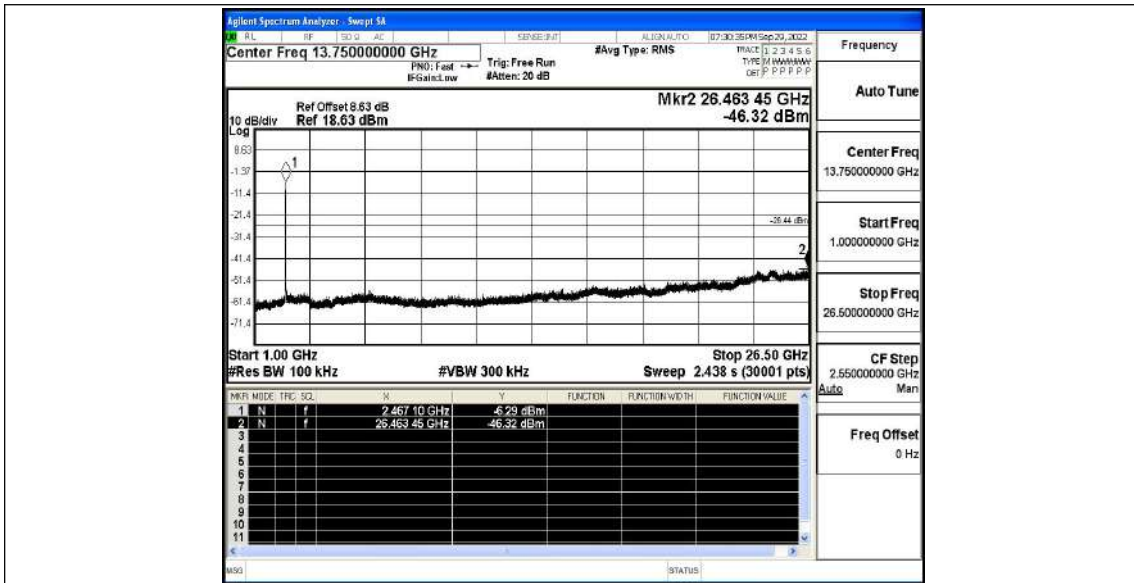


Shenzhen LCS Compliance Testing Laboratory Ltd.

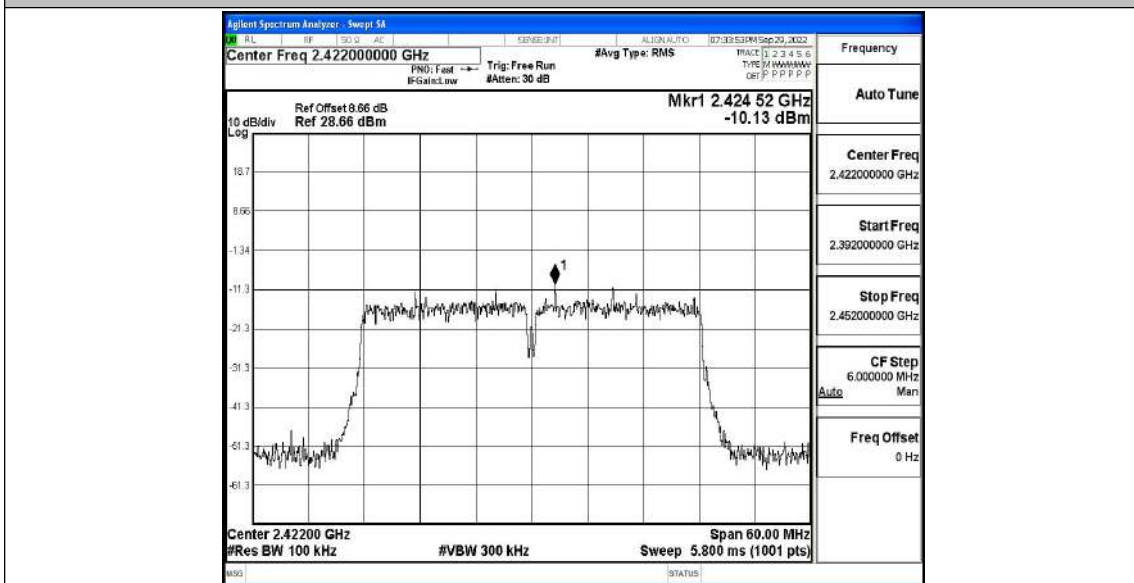
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N40SISO_Ant1_2422_0~Reference



11N40SISO_Ant1_2422_30~1000

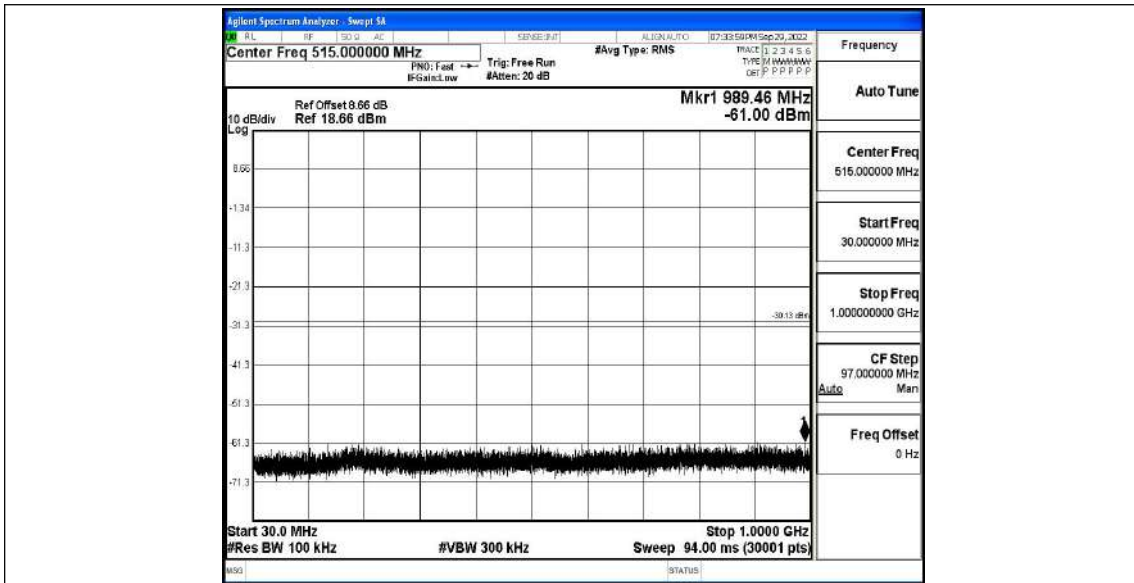


Shenzhen LCS Compliance Testing Laboratory Ltd.

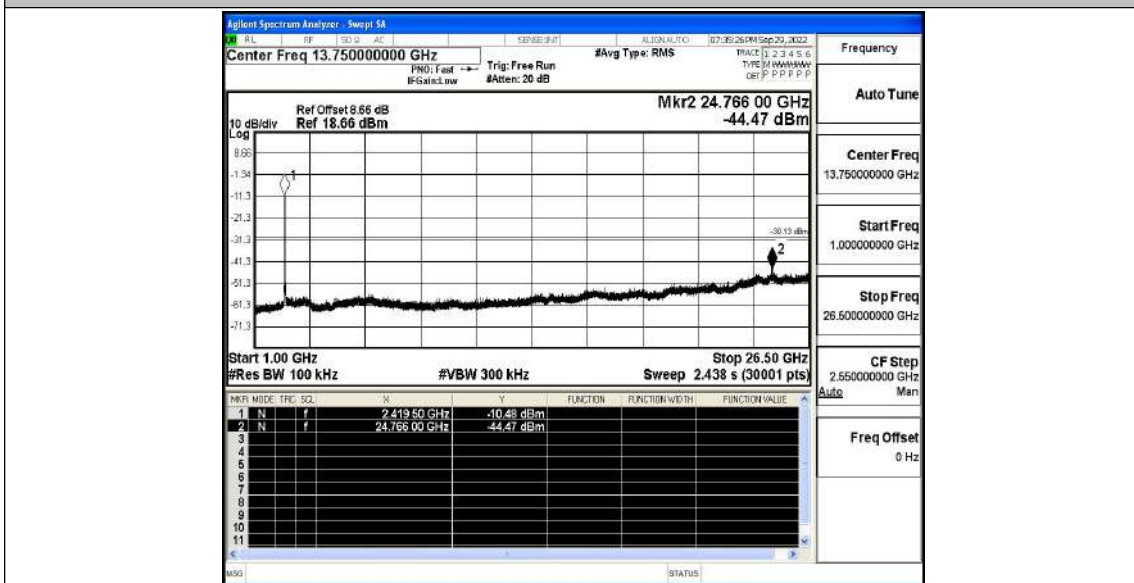
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N40SISO_Ant1_2422_1000~26500



11N40SISO_Ant1_2437_0~Reference

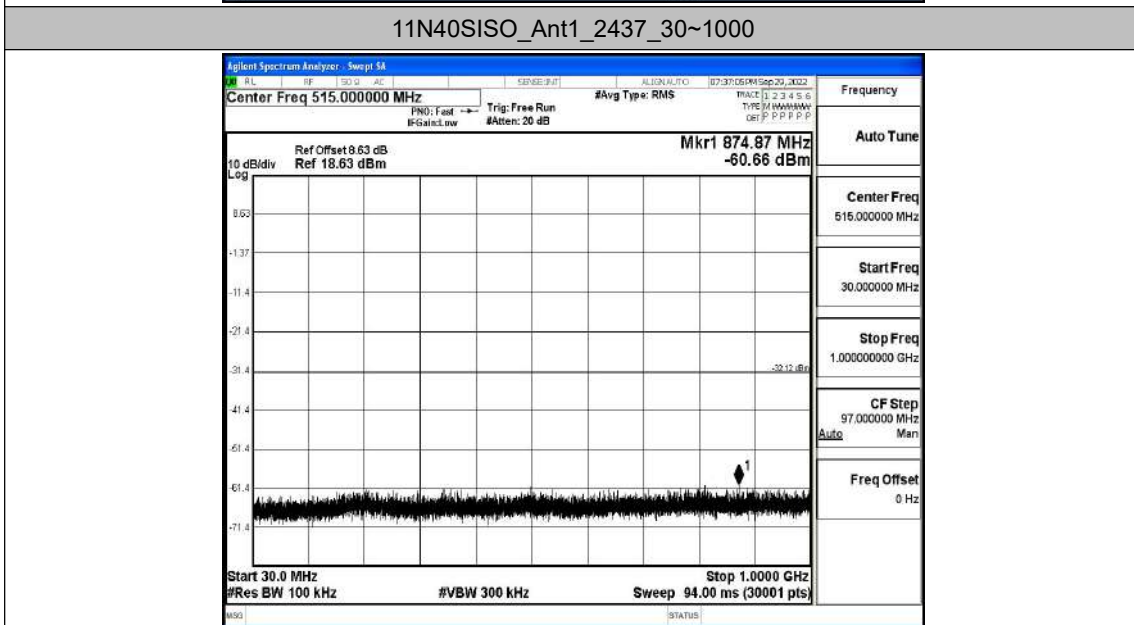
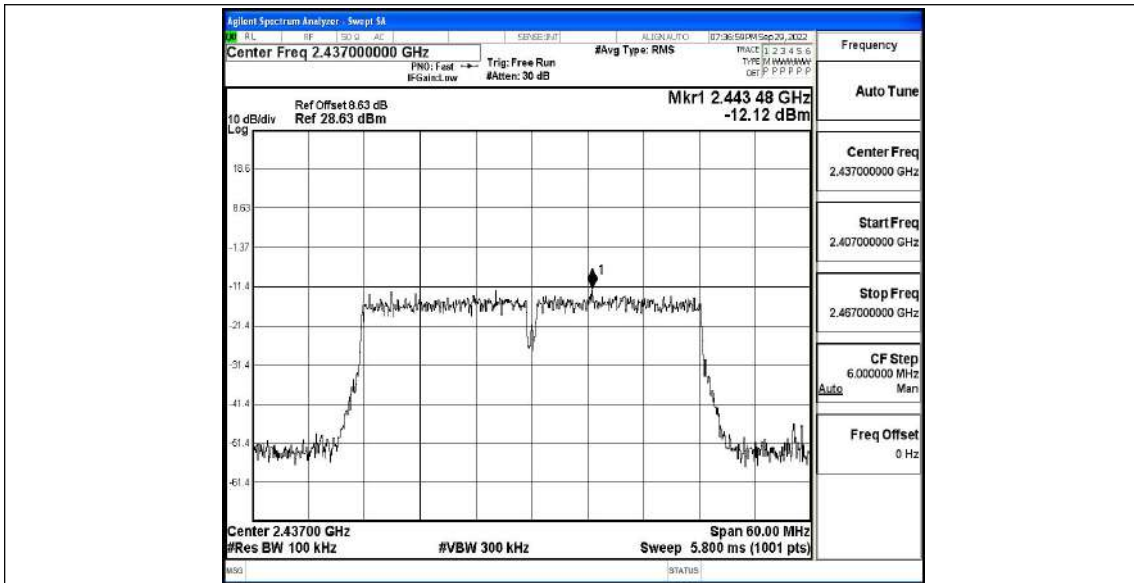


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

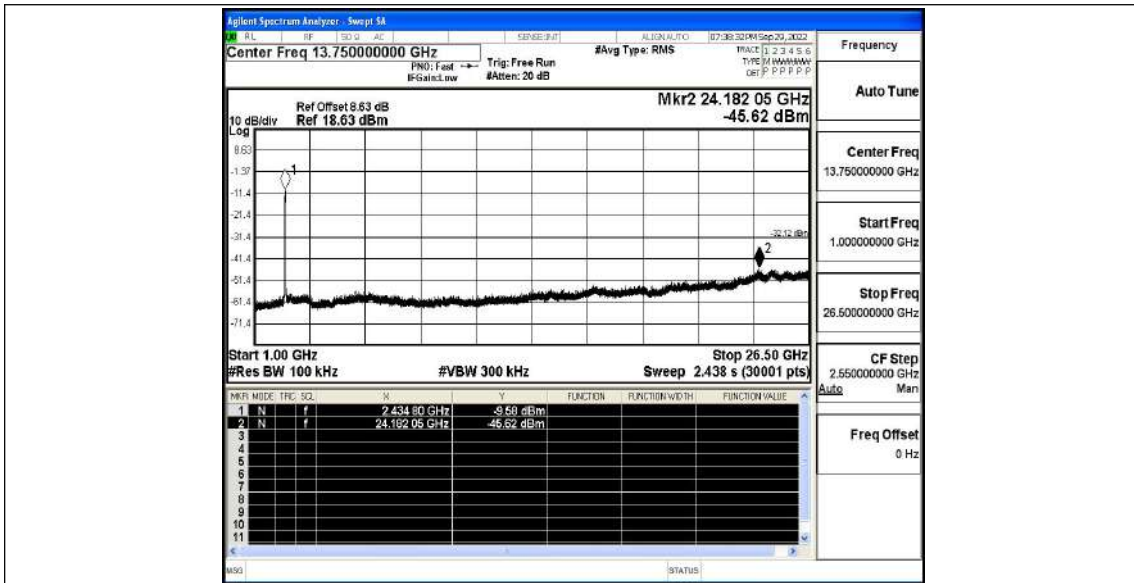


Shenzhen LCS Compliance Testing Laboratory Ltd.

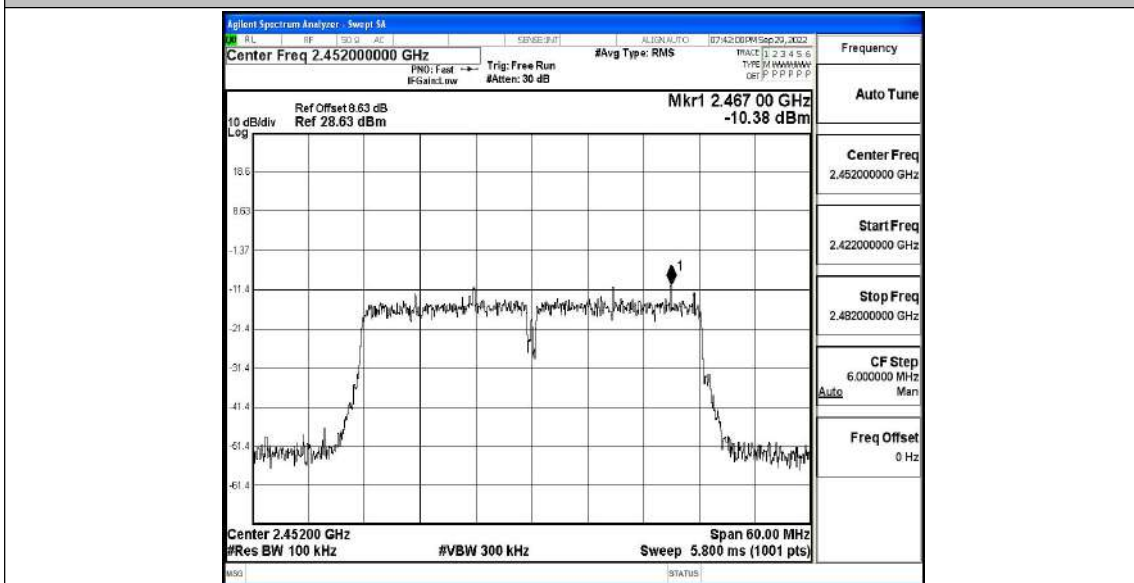
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000

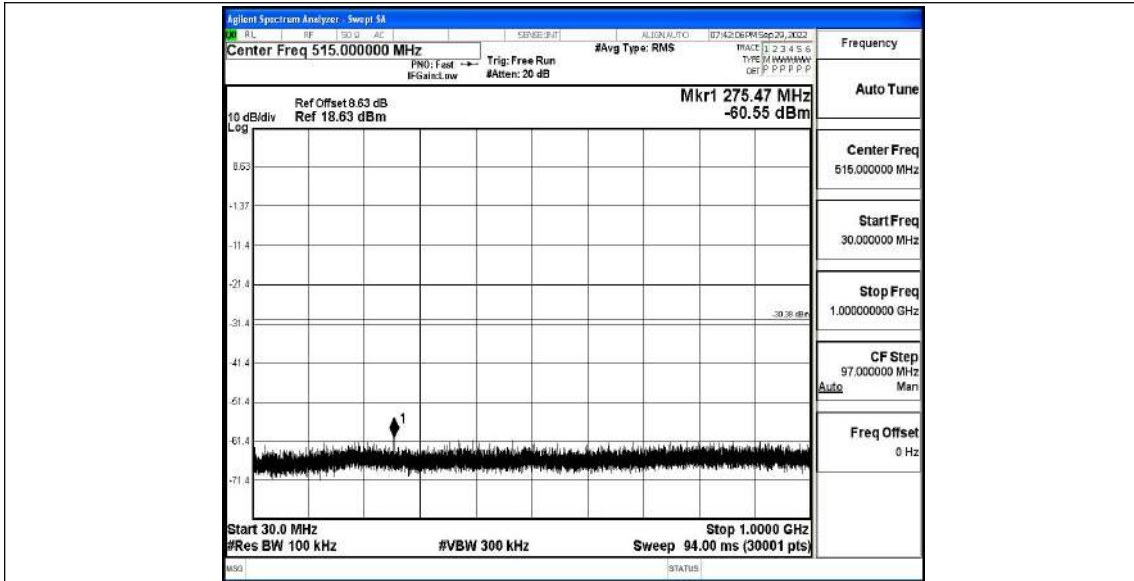


Shenzhen LCS Compliance Testing Laboratory Ltd.

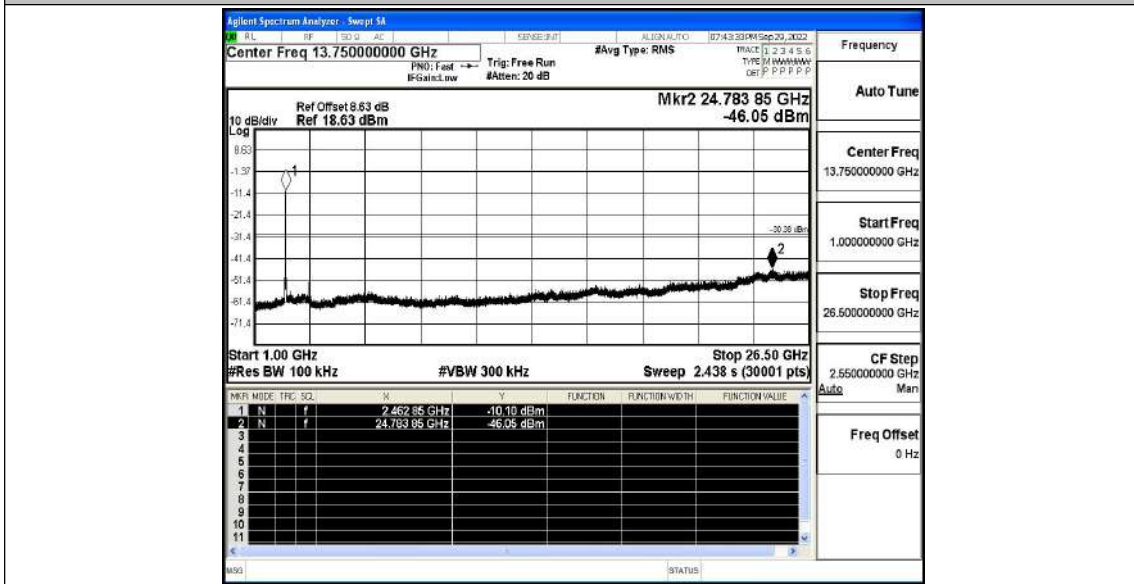
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N40SISO_Ant1_2452_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



A.6 Duty Cycle

Test Result

TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor	Verdict
11B	Ant1	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	Ant1	2412	1.39	1.43	97.20	0.12	PASS
		2437	1.39	1.43	97.20	0.12	PASS
		2462	1.39	1.42	97.89	0.09	PASS
11N20SISO	Ant1	2412	1.30	1.34	97.01	0.13	PASS
		2437	1.30	1.34	97.01	0.13	PASS
		2462	1.30	1.33	97.74	0.10	PASS
11N40SISO	Ant1	2422	0.64	0.68	94.12	0.26	PASS
		2437	0.65	0.68	95.59	0.20	PASS
		2452	0.65	0.69	94.20	0.26	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

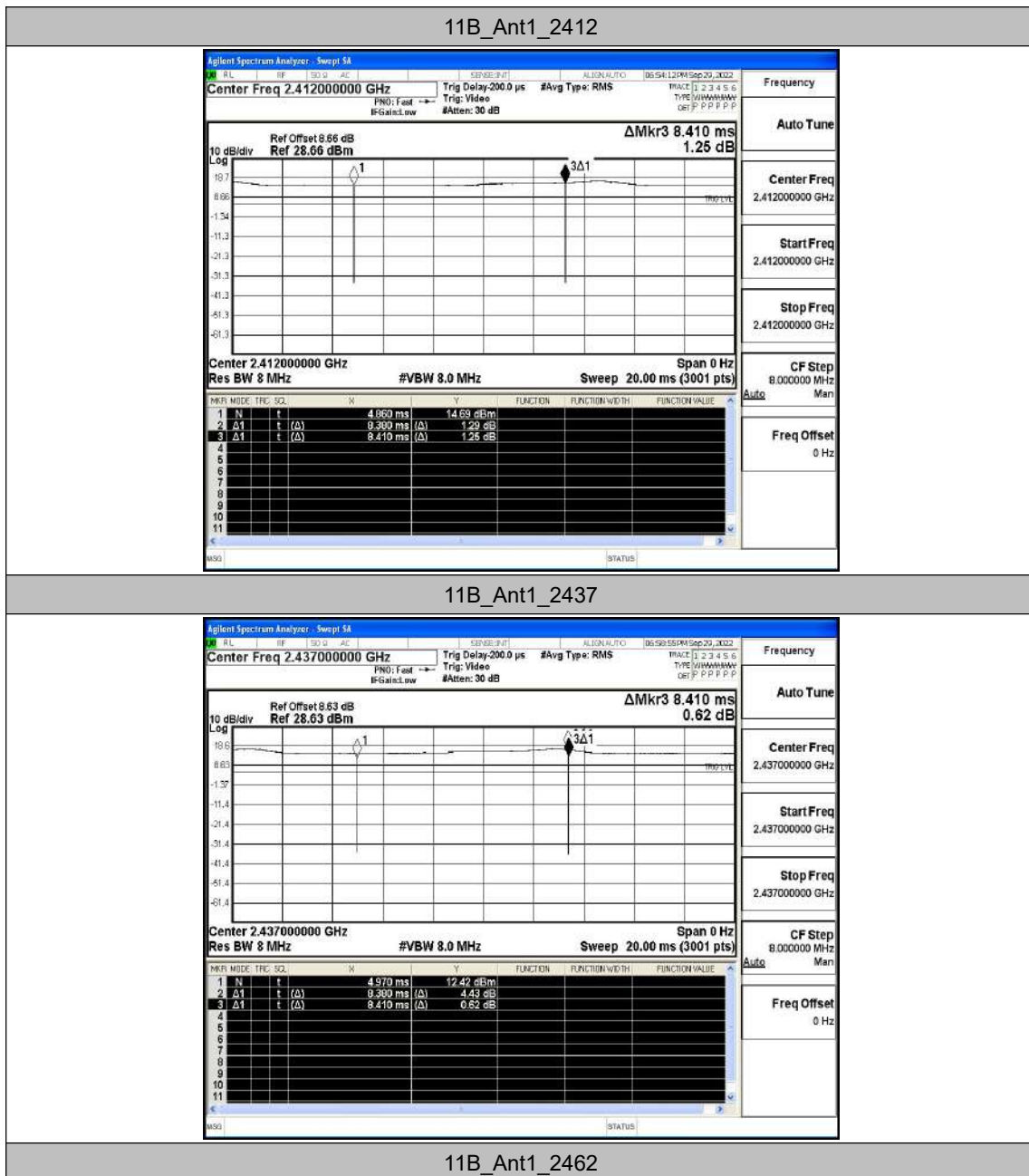
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



Test Graphs

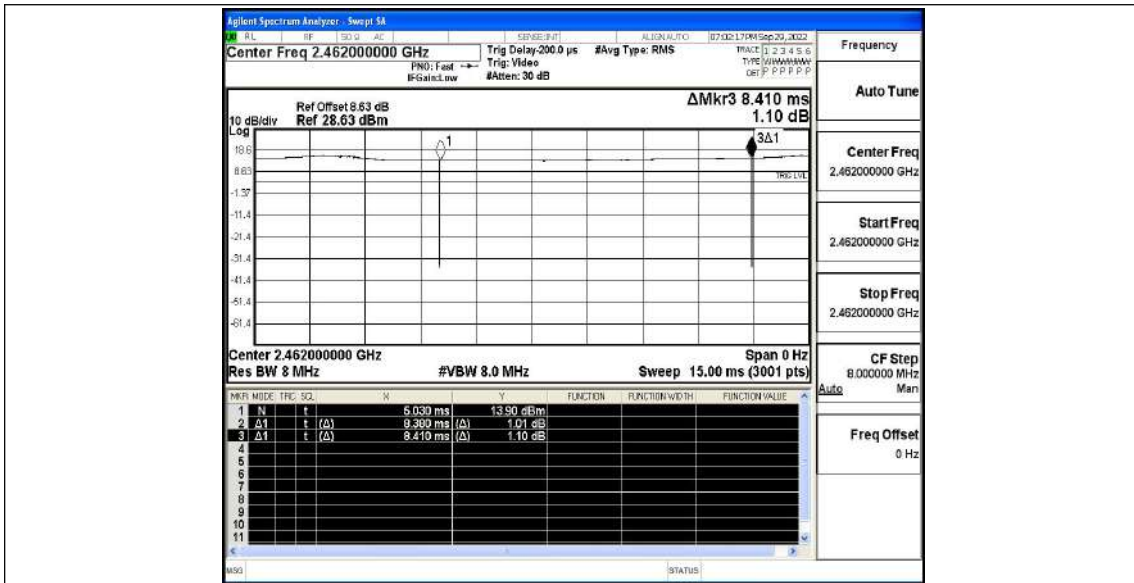


Shenzhen LCS Compliance Testing Laboratory Ltd.

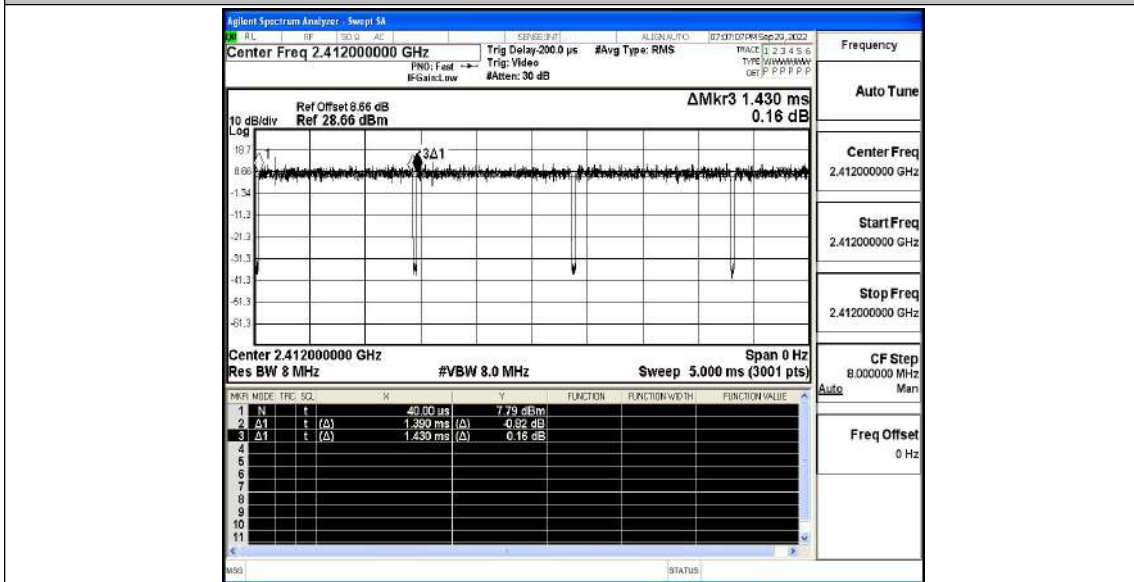
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11G_Ant1_2412



11G_Ant1_2437

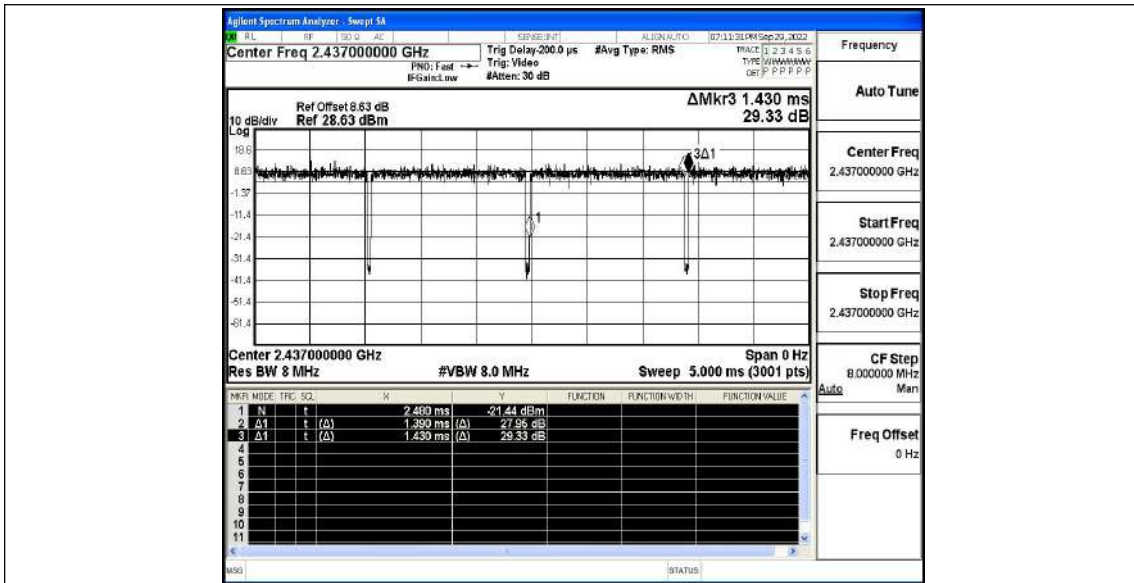


Shenzhen LCS Compliance Testing Laboratory Ltd.

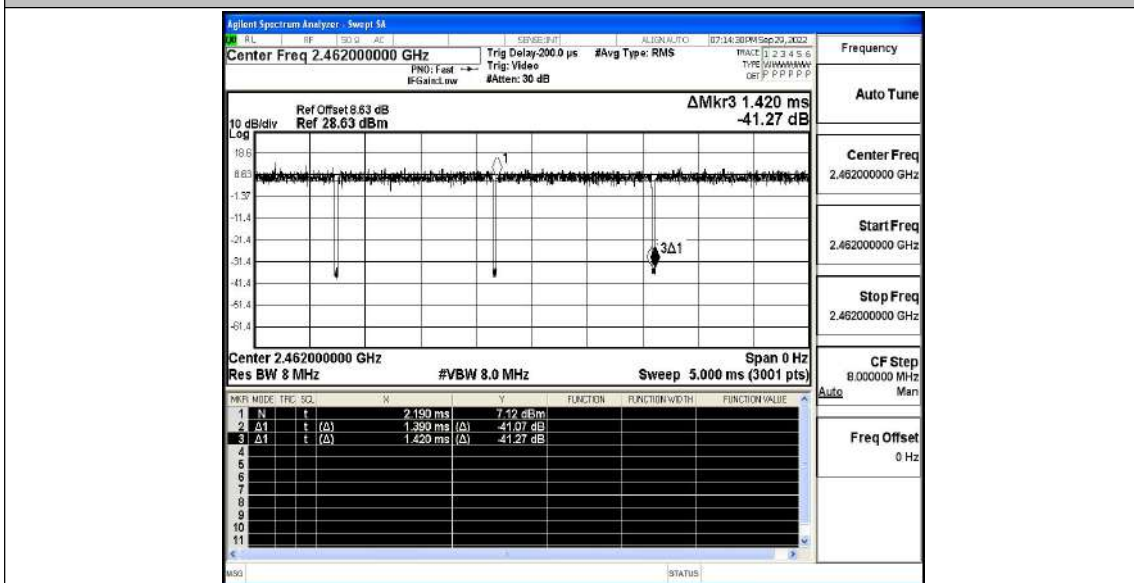
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11G_Ant1_2462



11N20SISO_Ant1_2412

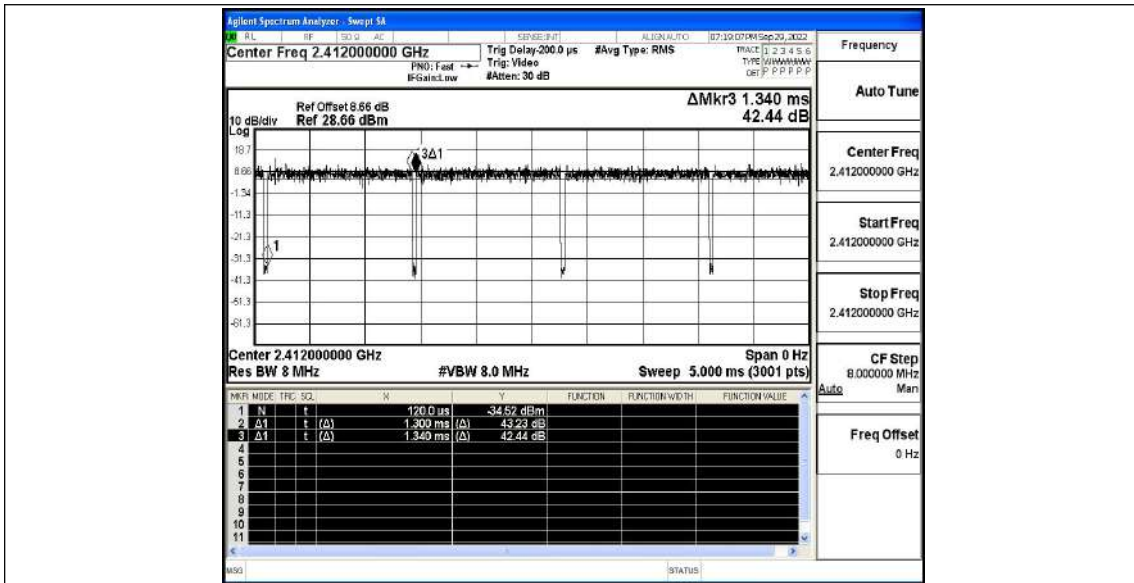


Shenzhen LCS Compliance Testing Laboratory Ltd.

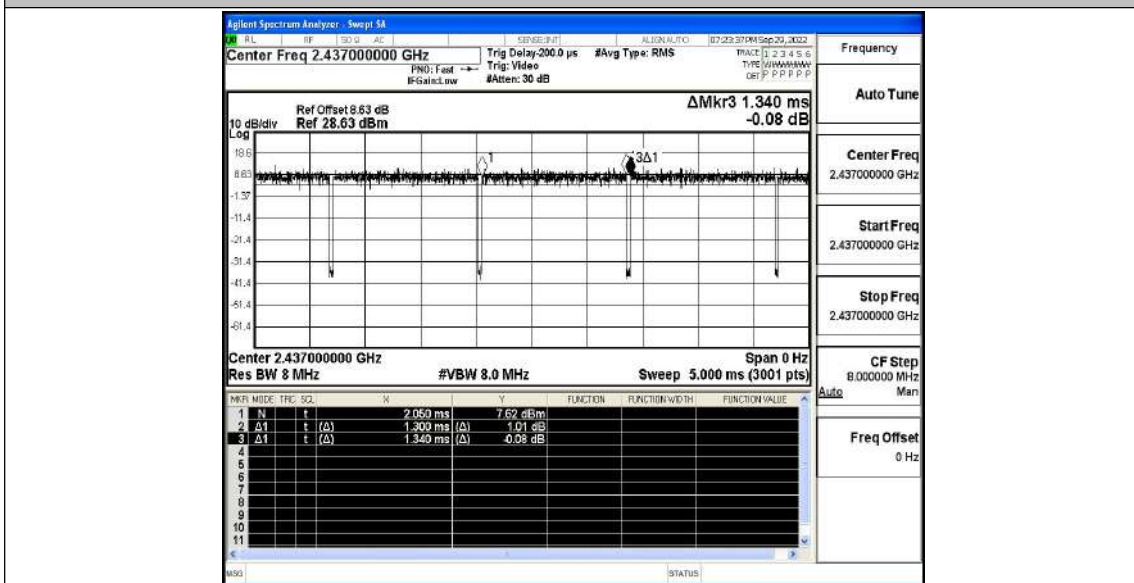
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity

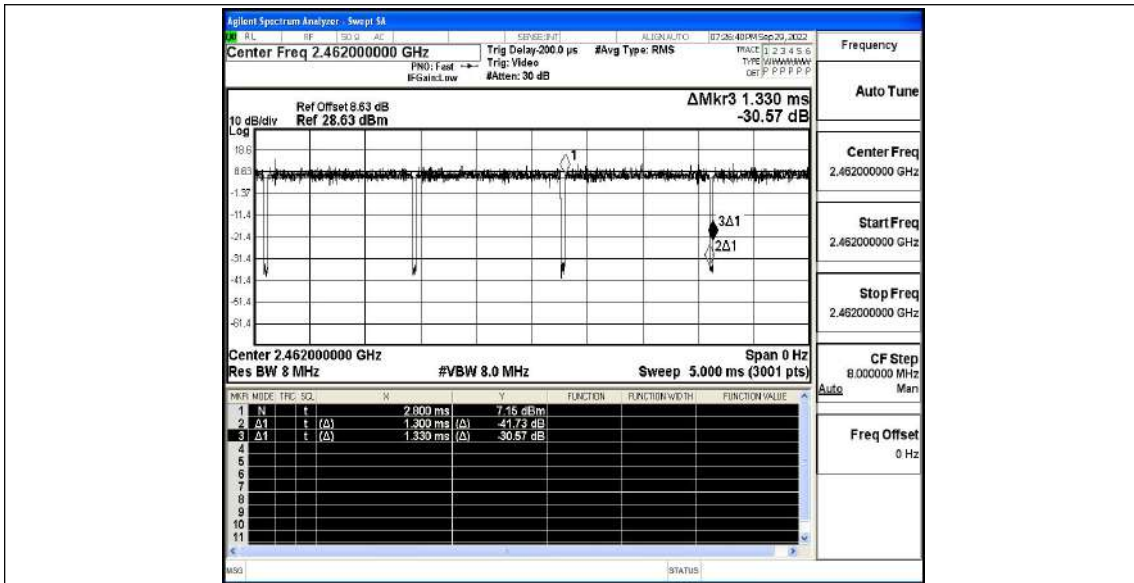


11N20SISO_Ant1_2437

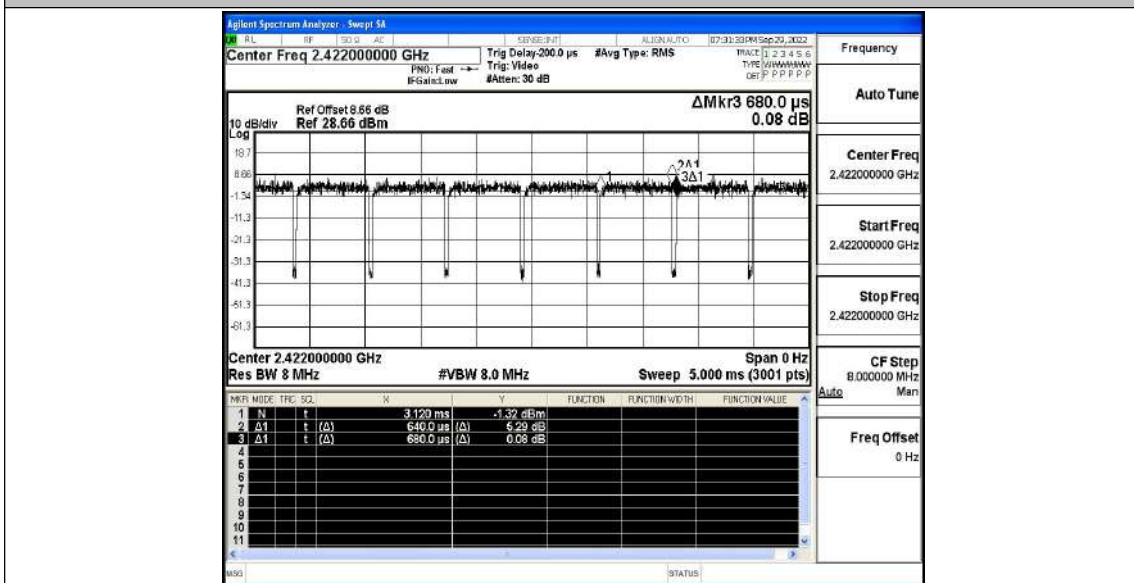


11N20SISO_Ant1_2462





11N40SISO_Ant1_2422



11N40SISO_Ant1_2437

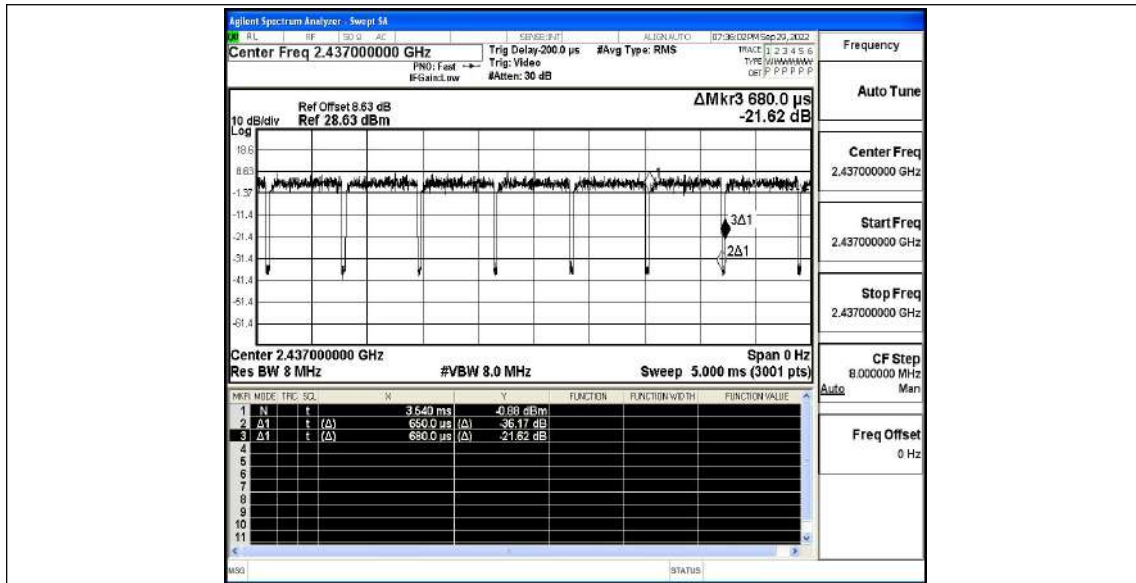


Shenzhen LCS Compliance Testing Laboratory Ltd.

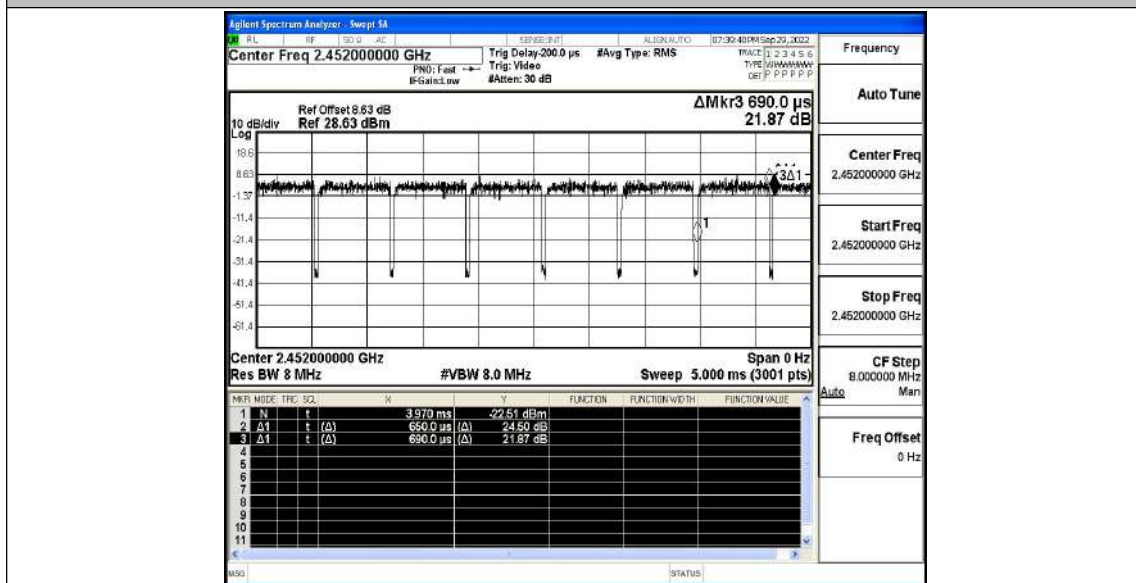
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N40SISO_Ant1_2452



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



A.7 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	Ant1	Low	2412	AV	2310.000	-58.53	≤-41.20	36.67	≤54	PASS
				AV	2389.960	-55.47	≤-41.20	39.73	≤54	PASS
				AV	2390.000	-55.47	≤-41.20	39.73	≤54	PASS
				Peak	2310.000	-47.87	≤-21.20	47.33	≤74	PASS
				Peak	2389.700	-44.84	≤-21.20	50.36	≤74	PASS
				Peak	2390.000	-45.32	≤-21.20	49.88	≤74	PASS
		High	2462	AV	2483.500	-55.26	≤-41.20	39.94	≤54	PASS
				AV	2484.000	-55.15	≤-41.20	40.05	≤54	PASS
				AV	2500.000	-56.84	≤-41.20	38.36	≤54	PASS
				Peak	2483.500	-45.62	≤-21.20	49.58	≤74	PASS
				Peak	2487.740	-43.86	≤-21.20	51.34	≤74	PASS
				Peak	2500.000	-46.71	≤-21.20	48.49	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-57.72	≤-41.20	37.48	≤54	PASS
				AV	2389.830	-53.04	≤-41.20	42.16	≤54	PASS
				AV	2390.000	-53.13	≤-41.20	42.07	≤54	PASS
				Peak	2310.000	-47.28	≤-21.20	47.92	≤74	PASS
				Peak	2389.960	-39.4	≤-21.20	55.80	≤74	PASS
				Peak	2390.000	-39.41	≤-21.20	55.79	≤74	PASS
		High	2462	AV	2483.500	-53.22	≤-41.20	41.98	≤54	PASS
				AV	2483.670	-53.44	≤-41.20	41.76	≤54	PASS
				AV	2500.000	-55.72	≤-41.20	39.48	≤54	PASS
				Peak	2483.500	-33.97	≤-21.20	61.23	≤74	PASS
				Peak	2484.220	-36.26	≤-21.20	58.94	≤74	PASS
				Peak	2500.000	-44.22	≤-21.20	50.98	≤74	PASS
11N20SIS O	Ant1	Low	2412	AV	2310.000	-57.85	≤-41.20	37.35	≤54	PASS
				AV	2389.960	-52.04	≤-41.20	43.16	≤54	PASS
				AV	2390.000	-52.04	≤-41.20	43.16	≤54	PASS
				Peak	2310.000	-47.85	≤-21.20	47.35	≤74	PASS
				Peak	2389.960	-36.65	≤-21.20	58.55	≤74	PASS
				Peak	2390.000	-36.65	≤-21.20	58.55	≤74	PASS
		High	2462	AV	2483.500	-52.8	≤-41.20	42.40	≤54	PASS
				AV	2483.560	-52.5	≤-41.20	42.70	≤54	PASS
				AV	2500.000	-55.8	≤-41.20	39.40	≤54	PASS
				Peak	2483.500	-37.94	≤-21.20	57.26	≤74	PASS
				Peak	2484.330	-36.35	≤-21.20	58.85	≤74	PASS
				Peak	2484.330	-36.35	≤-21.20	58.85	≤74	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



				Peak	2500.000	-45.23	≤-21.20	49.97	≤74	PASS
11N40SIS O	Ant1	Low	2422	AV	2310.000	-57.72	≤-41.20	37.48	≤54	PASS
				AV	2389.830	-51.93	≤-41.20	43.27	≤54	PASS
				AV	2390.000	-52.12	≤-41.20	43.08	≤54	PASS
		Peak		2310.000	-48.22	≤-21.20	46.98	≤74	PASS	
		Peak		2389.310	-34.97	≤-21.20	60.23	≤74	PASS	
		Peak		2390.000	-36.37	≤-21.20	58.83	≤74	PASS	
	High	2452	AV	2483.500	-50.71	≤-41.20	44.49	≤54	PASS	
			AV	2484.660	-50.62	≤-41.20	44.58	≤54	PASS	
			AV	2500.000	-54.83	≤-41.20	40.37	≤54	PASS	
			Peak	2483.500	-32.78	≤-21.20	62.42	≤74	PASS	
			Peak	2484.880	-32.34	≤-21.20	62.86	≤74	PASS	
			Peak	2500.000	-41.52	≤-21.20	53.68	≤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.



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

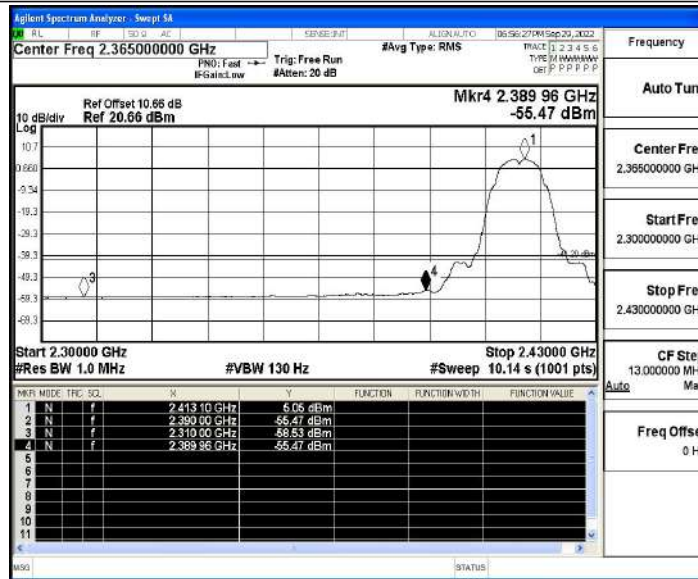
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

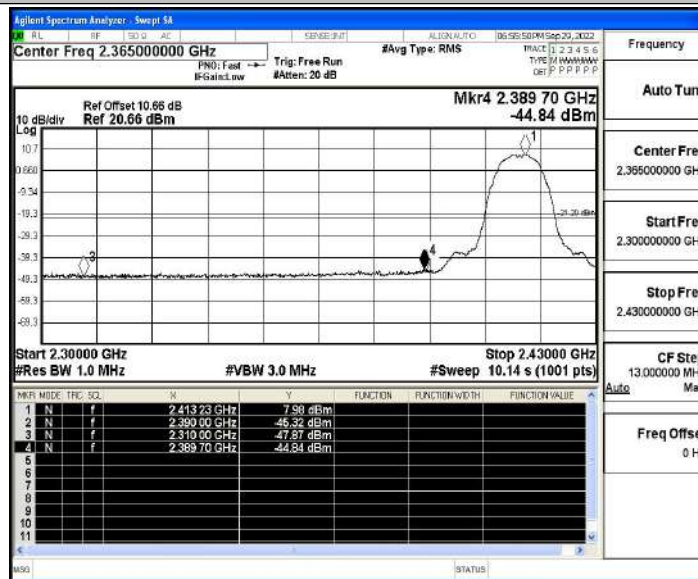


Test Graphs

11B_Ant1_Low_2412_AV



11B_Ant1_Low_2412_Peak



11B_Ant1_High_2462_AV

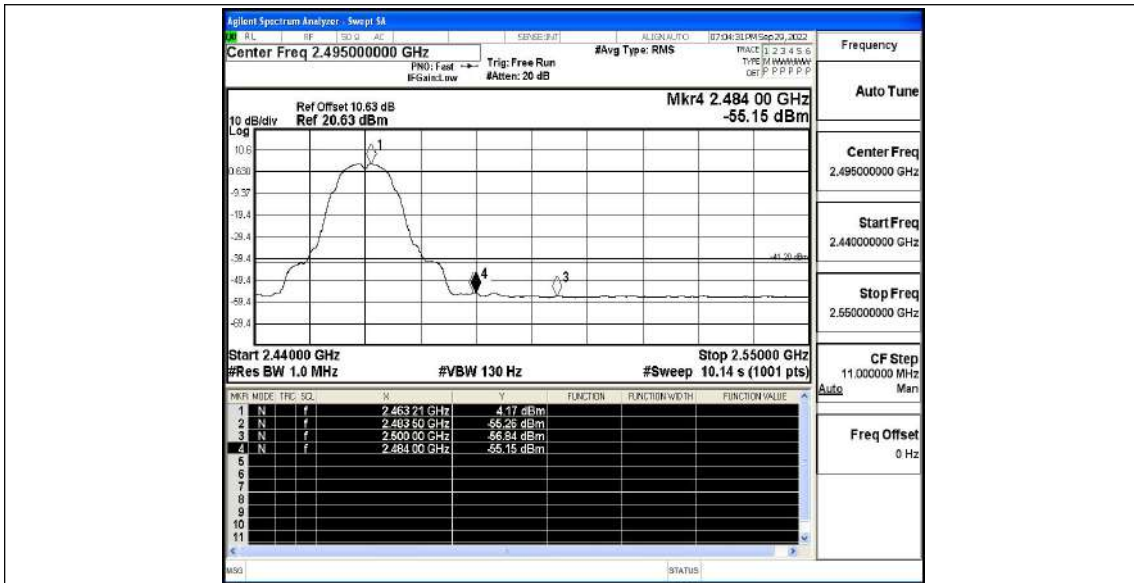


Shenzhen LCS Compliance Testing Laboratory Ltd.

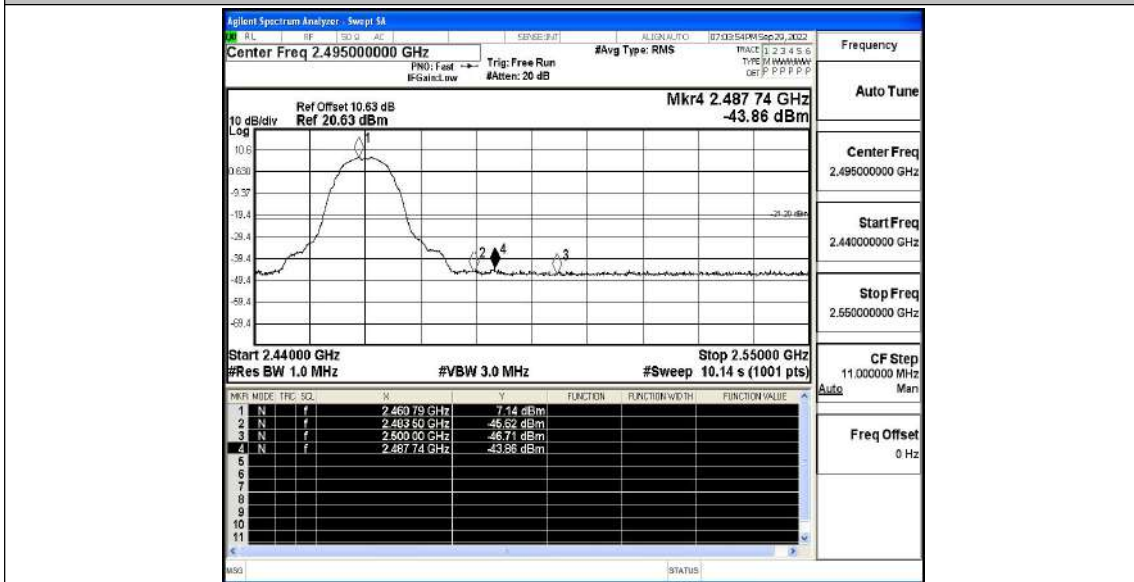
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11B_Ant1_High_2462_Peak



11G_Ant1_Low_2412_AV

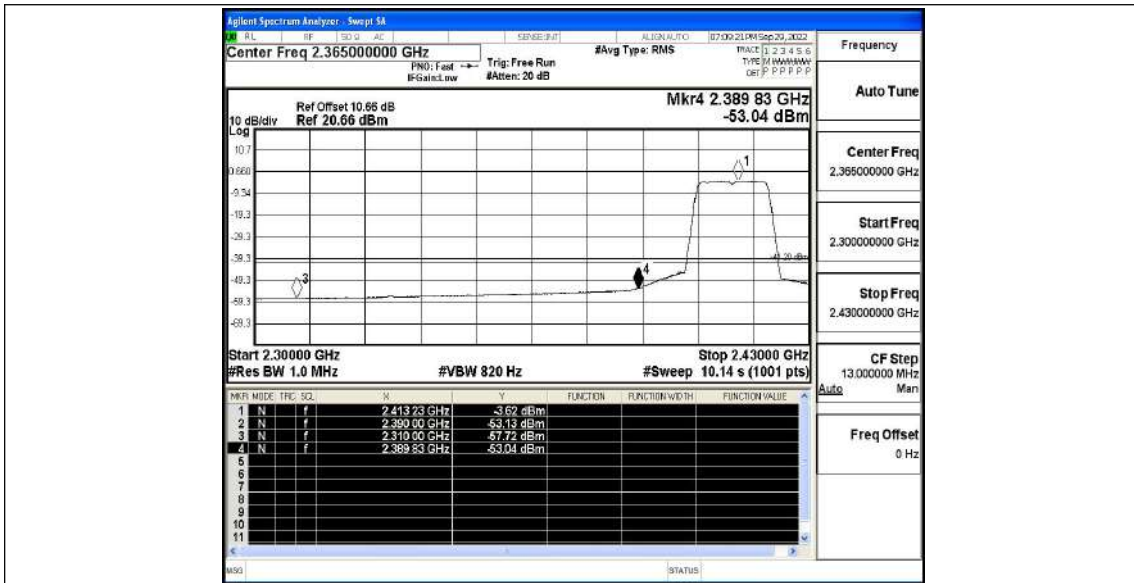


Shenzhen LCS Compliance Testing Laboratory Ltd.

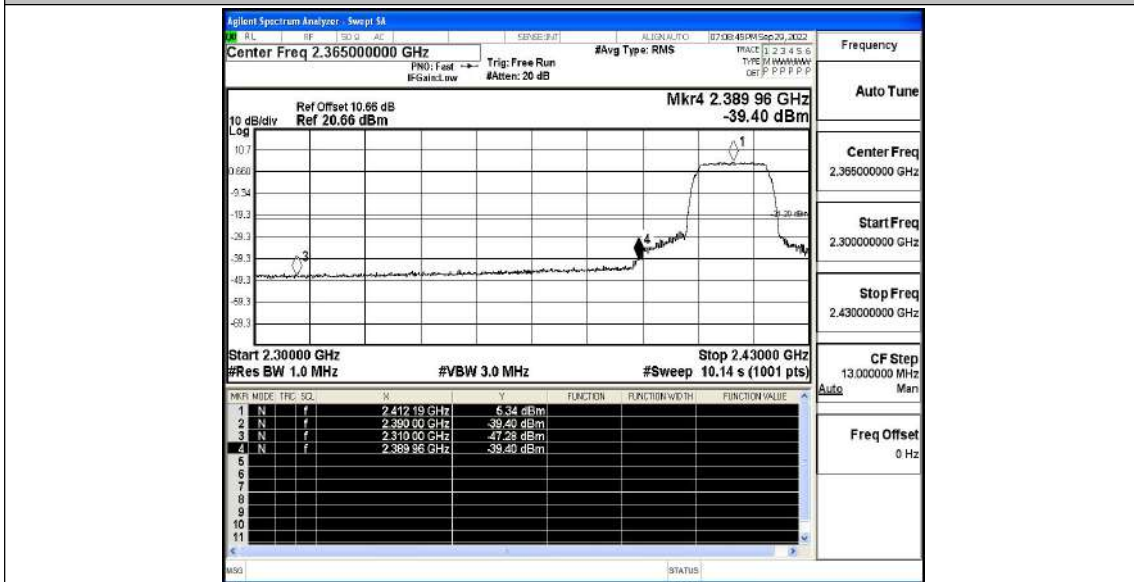
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11G_Ant1_Low_2412_Peak



11G_Ant1_High_2462_AV

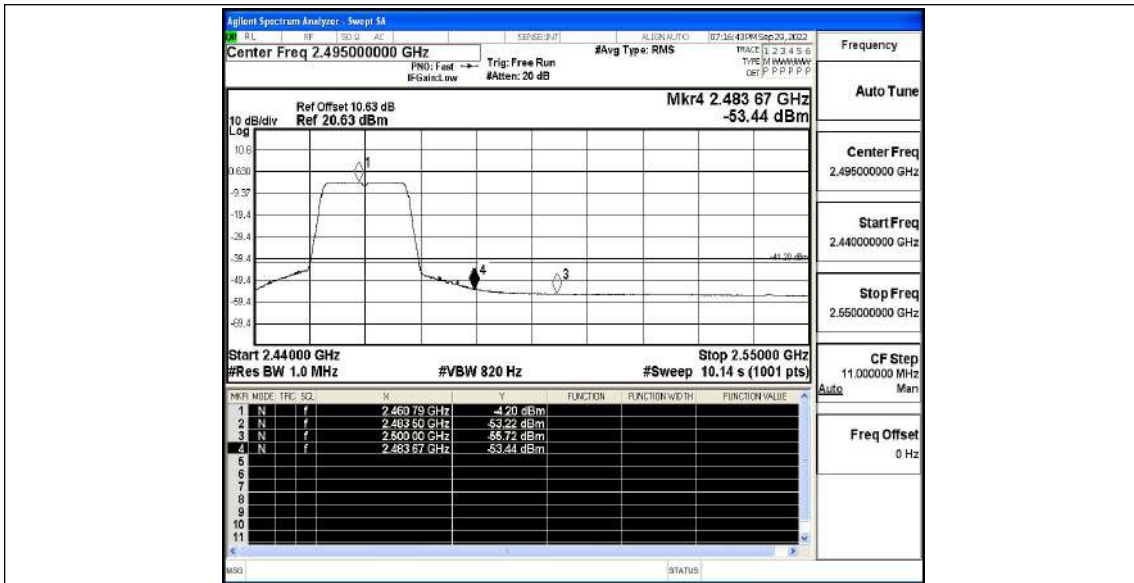


Shenzhen LCS Compliance Testing Laboratory Ltd.

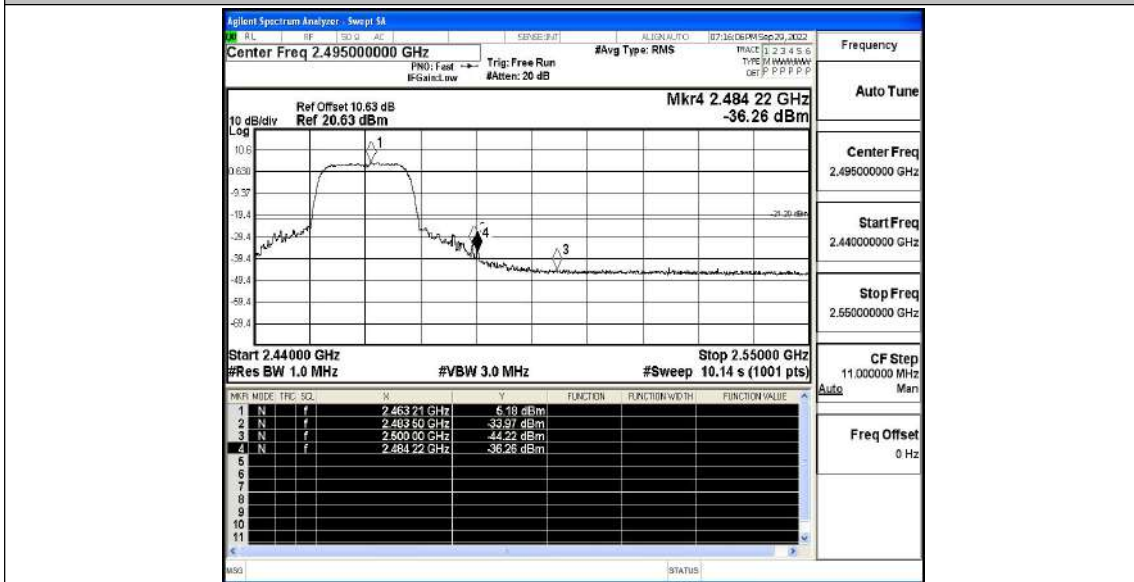
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11G_Ant1_High_2462_Peak



11N20SISO_Ant1_Low_2412_AV

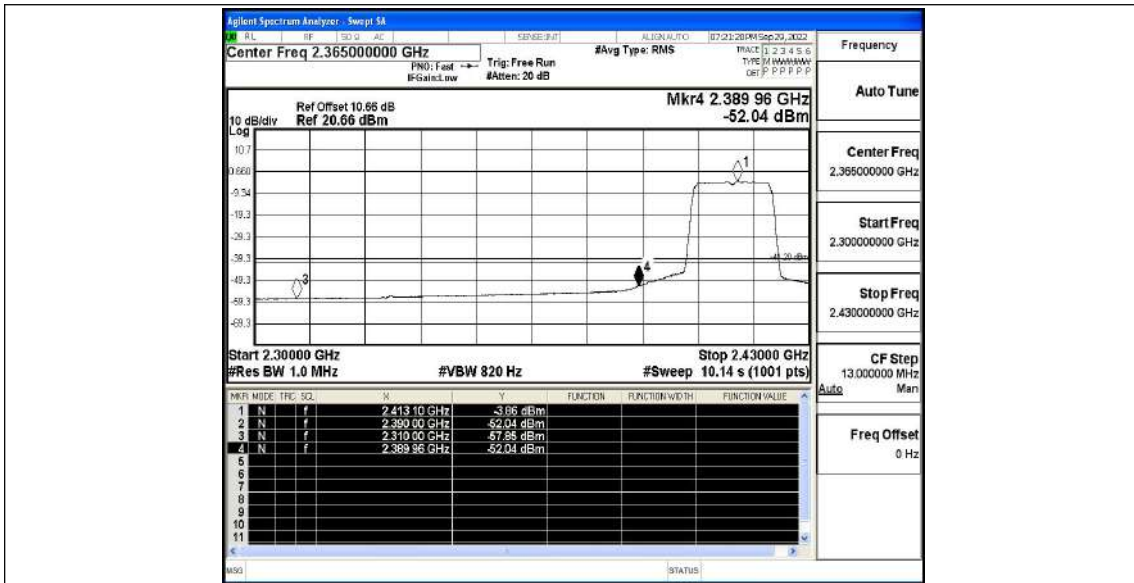


Shenzhen LCS Compliance Testing Laboratory Ltd.

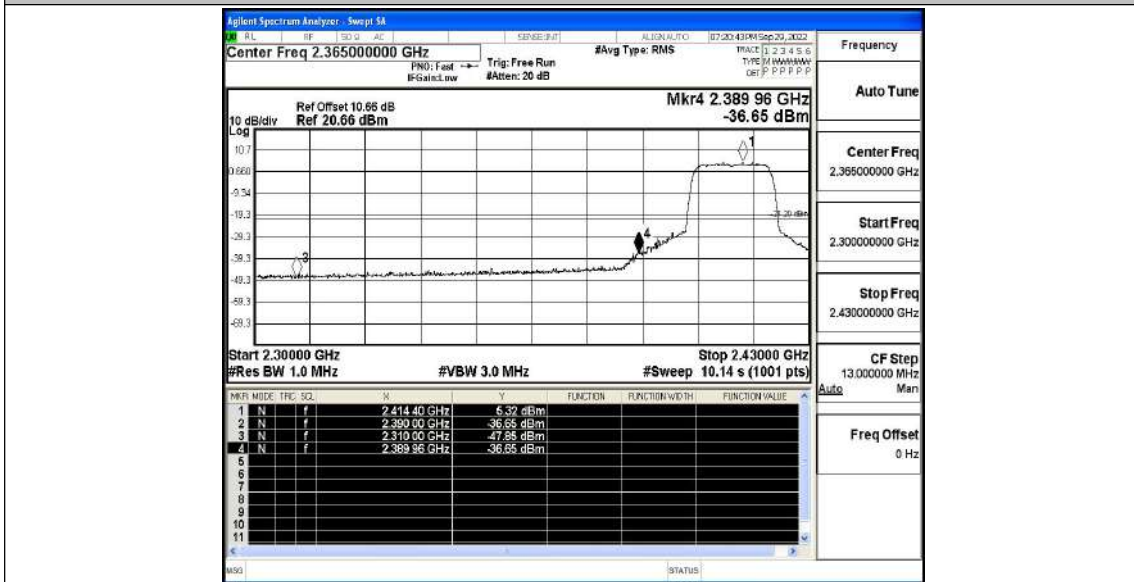
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N20SISO_Ant1_Low_2412_Peak



11N20SISO_Ant1_High_2462_AV

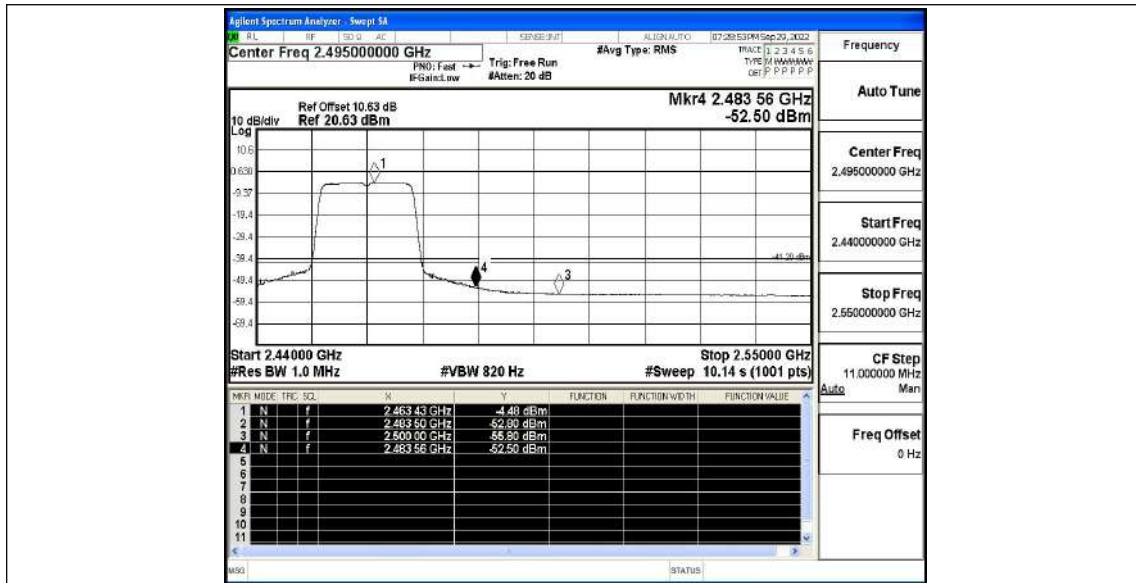


Shenzhen LCS Compliance Testing Laboratory Ltd.

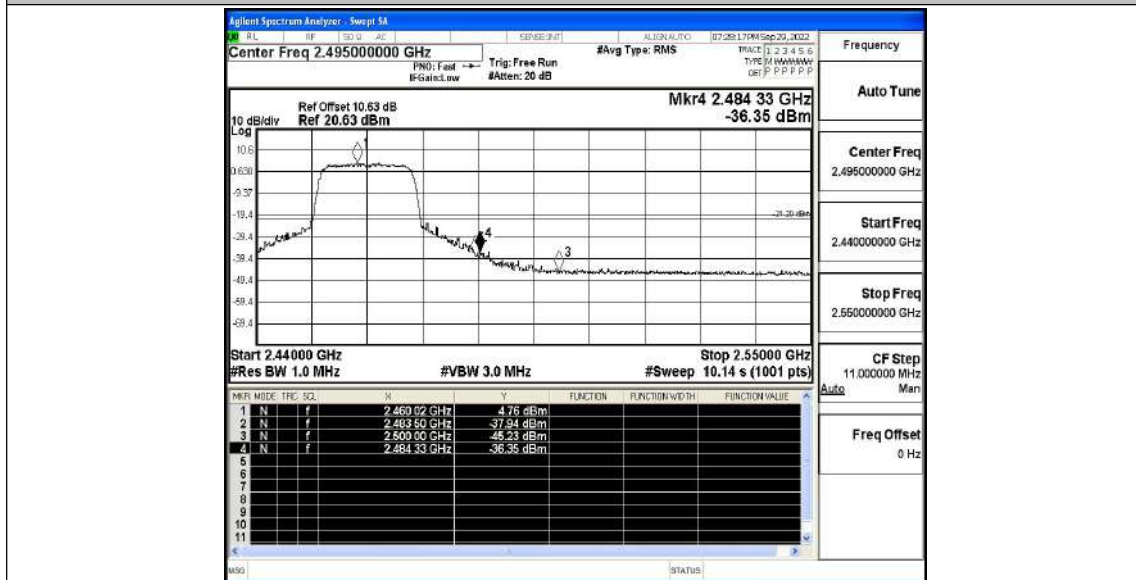
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N20SISO_Ant1_High_2462_Peak



11N40SISO_Ant1_Low_2422_AV

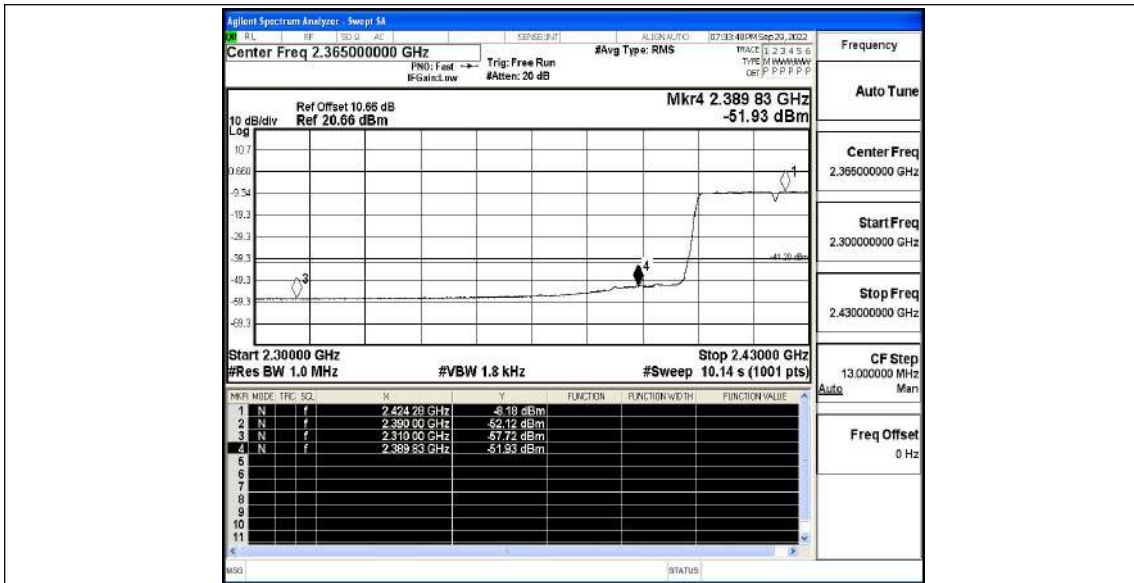


Shenzhen LCS Compliance Testing Laboratory Ltd.

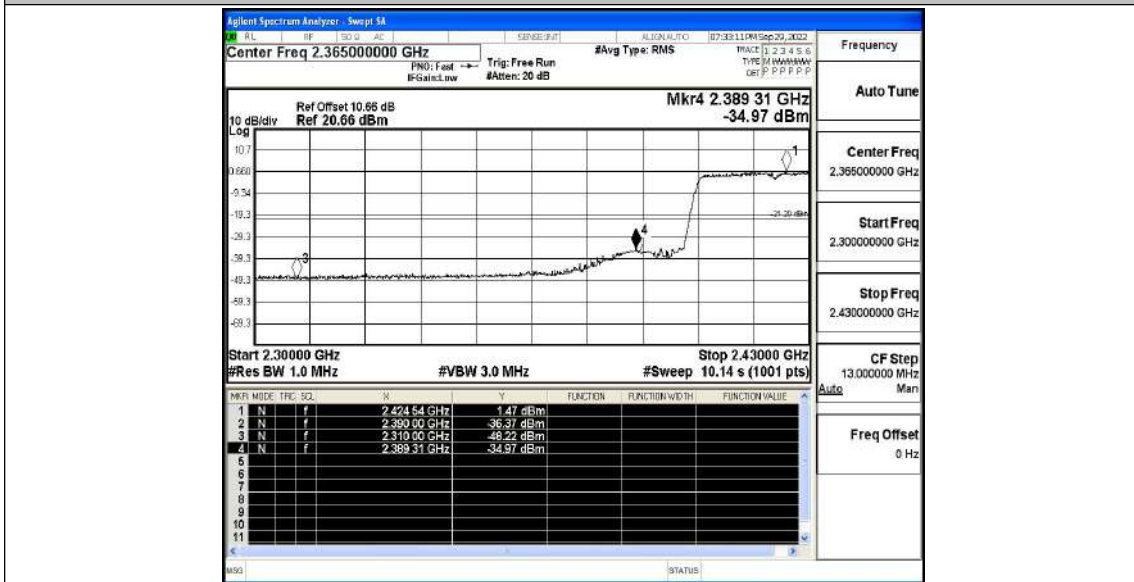
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N40SISO_Ant1_Low_2422_Peak



11N40SISO_Ant1_High_2452_AV

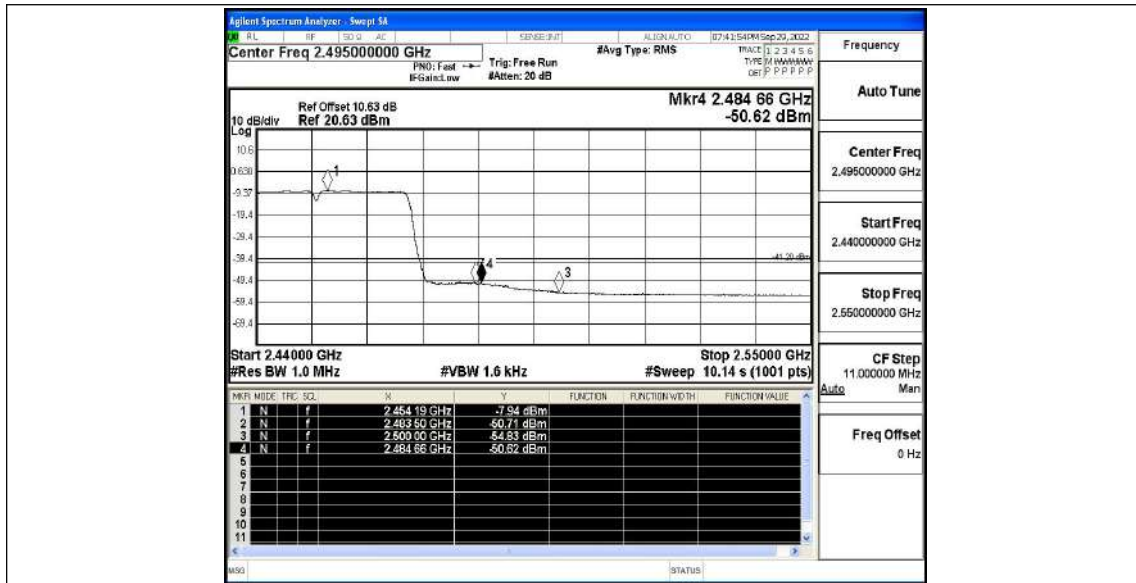


Shenzhen LCS Compliance Testing Laboratory Ltd.

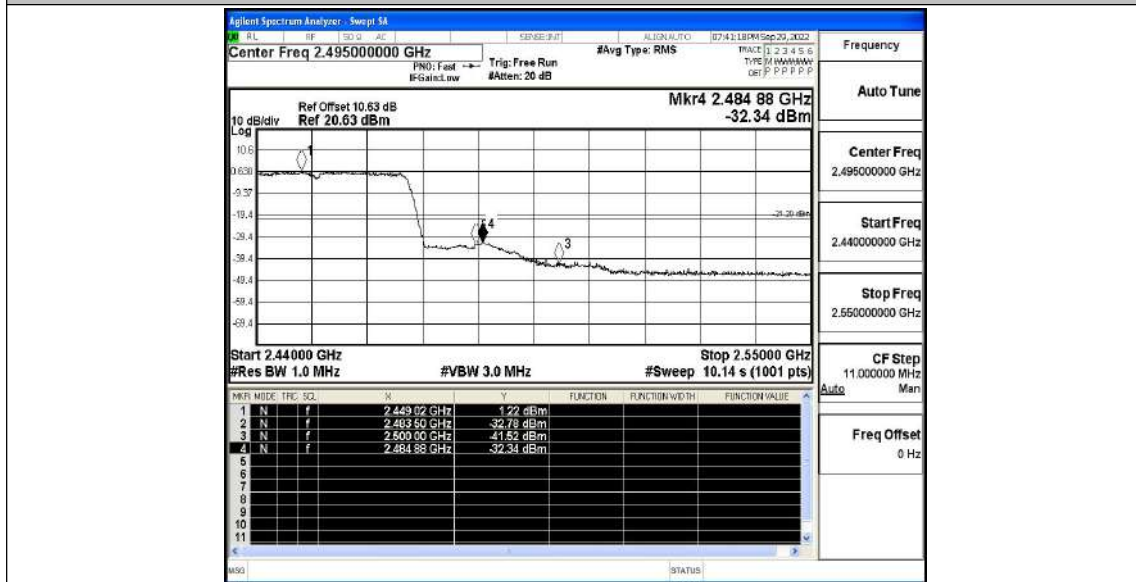
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N40SISO_Ant1_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