



Appendix C

RF Test Data for 2.4G WIFI (Conducted Measurement)

Product Name: Tablet PC

Test Model: T10

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li Huan





C.1 6dB Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant	2412	8.040	2407.520	2415.560	0.5	PASS
		2437	8.040	2433.480	2441.520	0.5	PASS
		2462	8.040	2457.000	2465.040	0.5	PASS
11G	Ant	2412	15.080	2404.440	2419.520	0.5	PASS
		2437	15.720	2429.480	2445.200	0.5	PASS
		2462	13.160	2453.840	2467.000	0.5	PASS
11N20SISO	Ant	2412	15.240	2404.280	2419.520	0.5	PASS
		2437	16.320	2429.480	2445.800	0.5	PASS
		2462	12.560	2453.240	2465.800	0.5	PASS
11N40SISO	Ant	2422	35.440	2404.160	2439.600	0.5	PASS
		2437	22.960	2431.960	2454.920	0.5	PASS
		2452	17.520	2443.280	2460.800	0.5	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

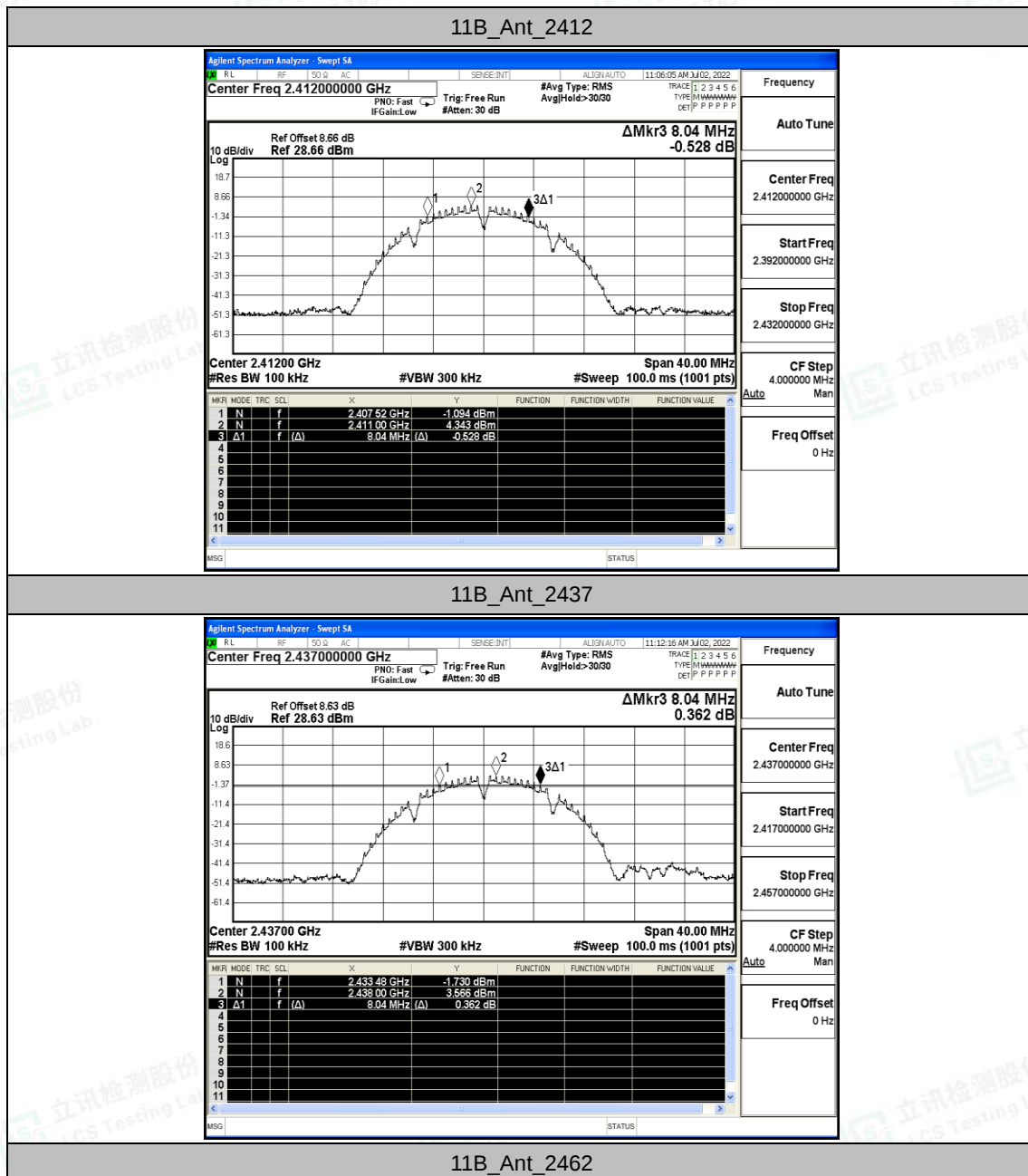
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



Test Graphs

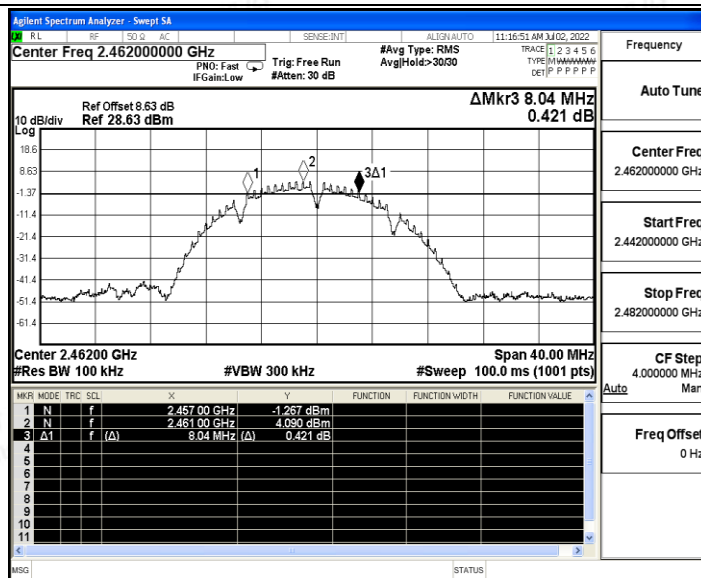


Shenzhen LCS Compliance Testing Laboratory Ltd.

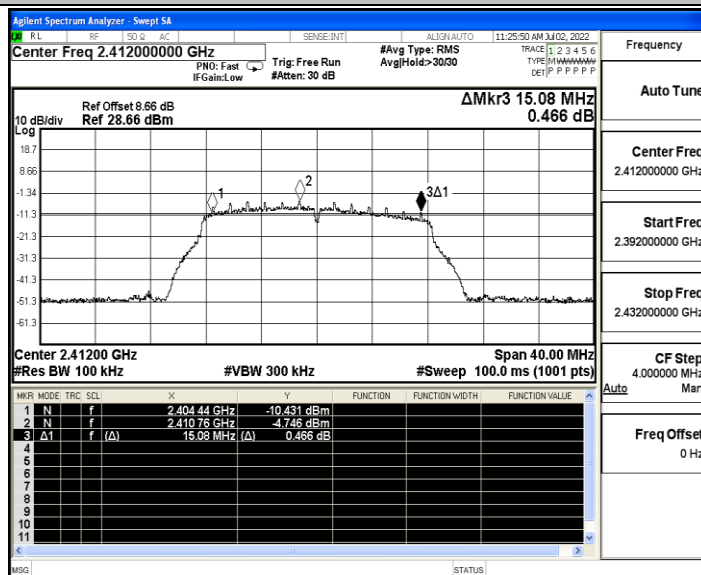
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

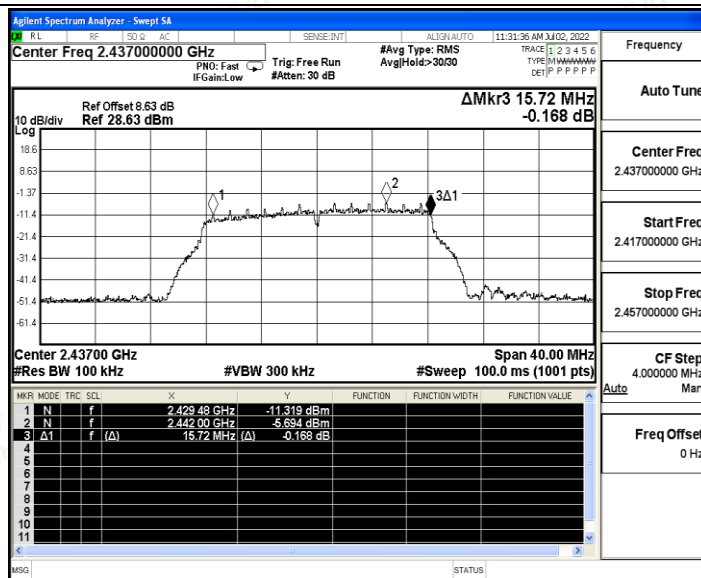


Shenzhen LCS Compliance Testing Laboratory Ltd.

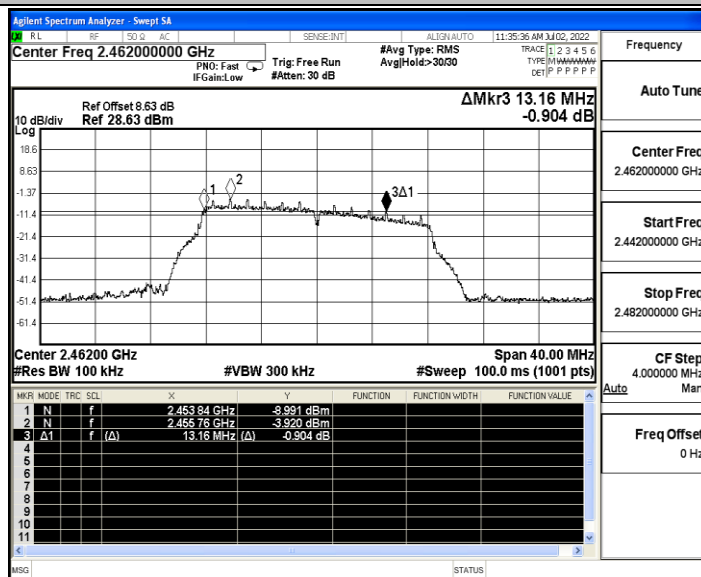
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

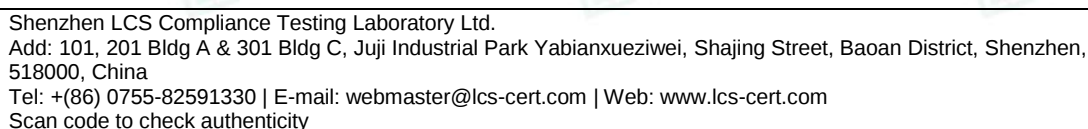
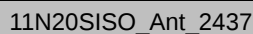


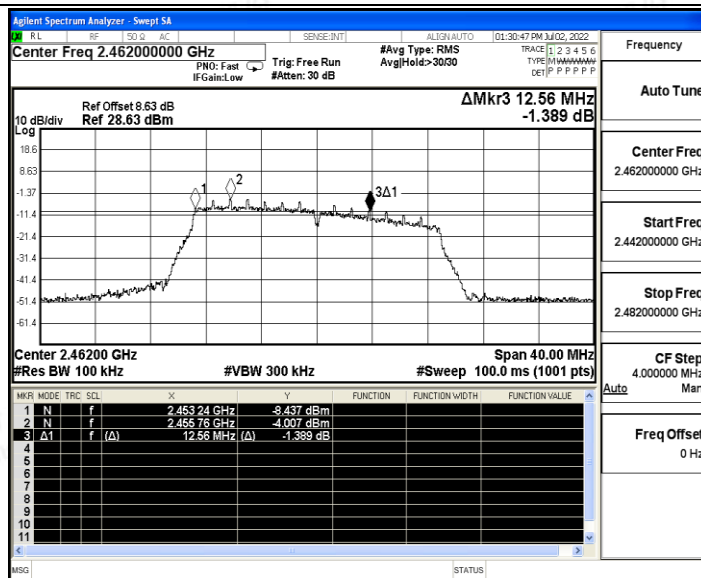
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

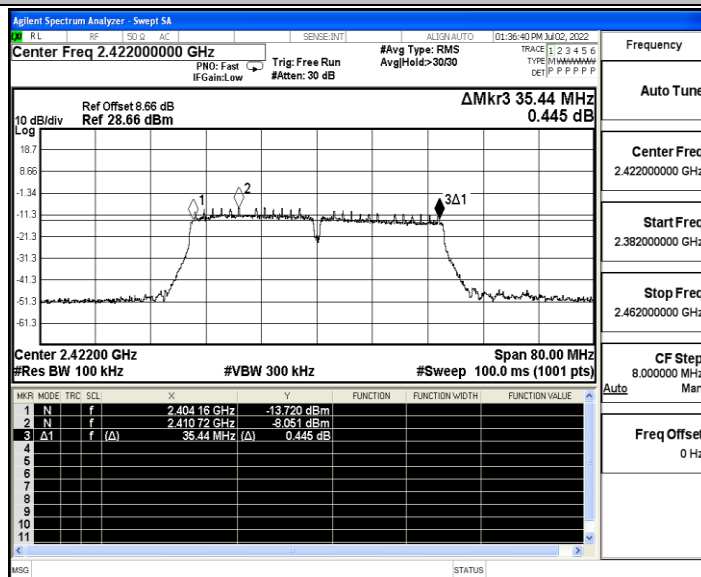
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity





11N40SISO_Ant_2422



11N40SISO_Ant_2437

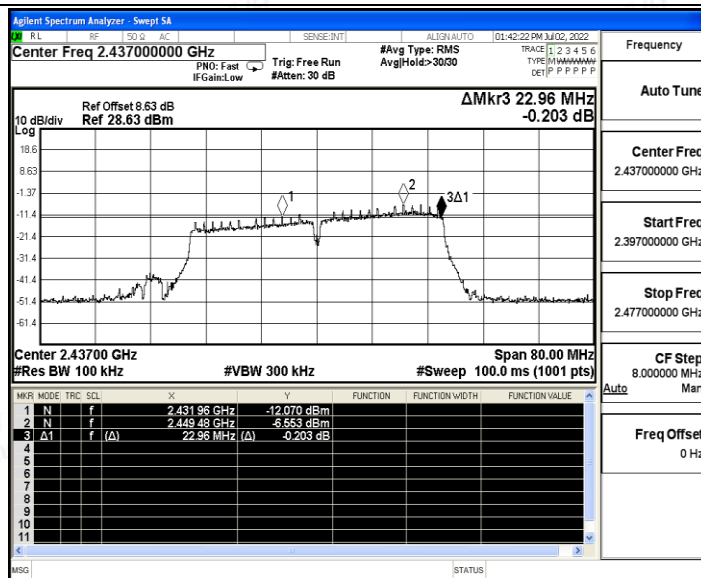


Shenzhen LCS Compliance Testing Laboratory Ltd.

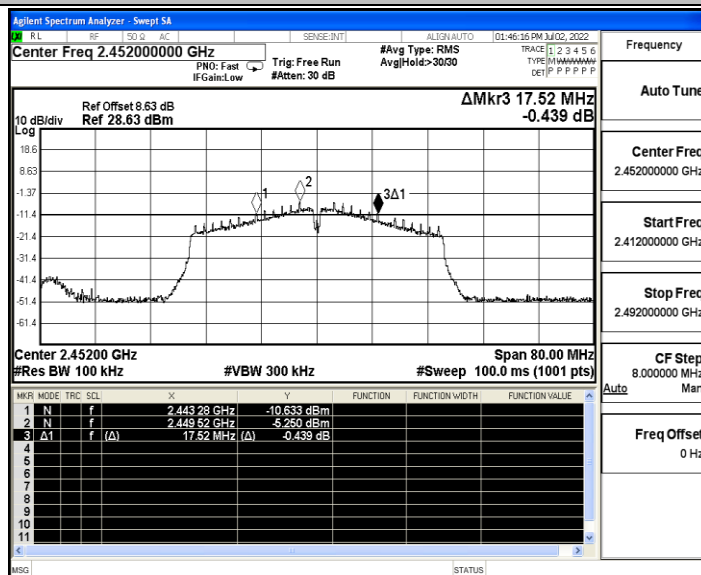
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N40SISO_Ant_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



C.2 Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant	2412	15.41	≤30.00	PASS
		2437	14.53	≤30.00	PASS
		2462	15.05	≤30.00	PASS
11G	Ant	2412	13.57	≤30.00	PASS
		2437	12.92	≤30.00	PASS
		2462	13.48	≤30.00	PASS
11N20SISO	Ant	2412	13.86	≤30.00	PASS
		2437	13.32	≤30.00	PASS
		2462	13.36	≤30.00	PASS
11N40SISO	Ant	2422	13.57	≤30.00	PASS
		2437	13.08	≤30.00	PASS
		2452	13.67	≤30.00	PASS





C.3 Maximum power spectral density

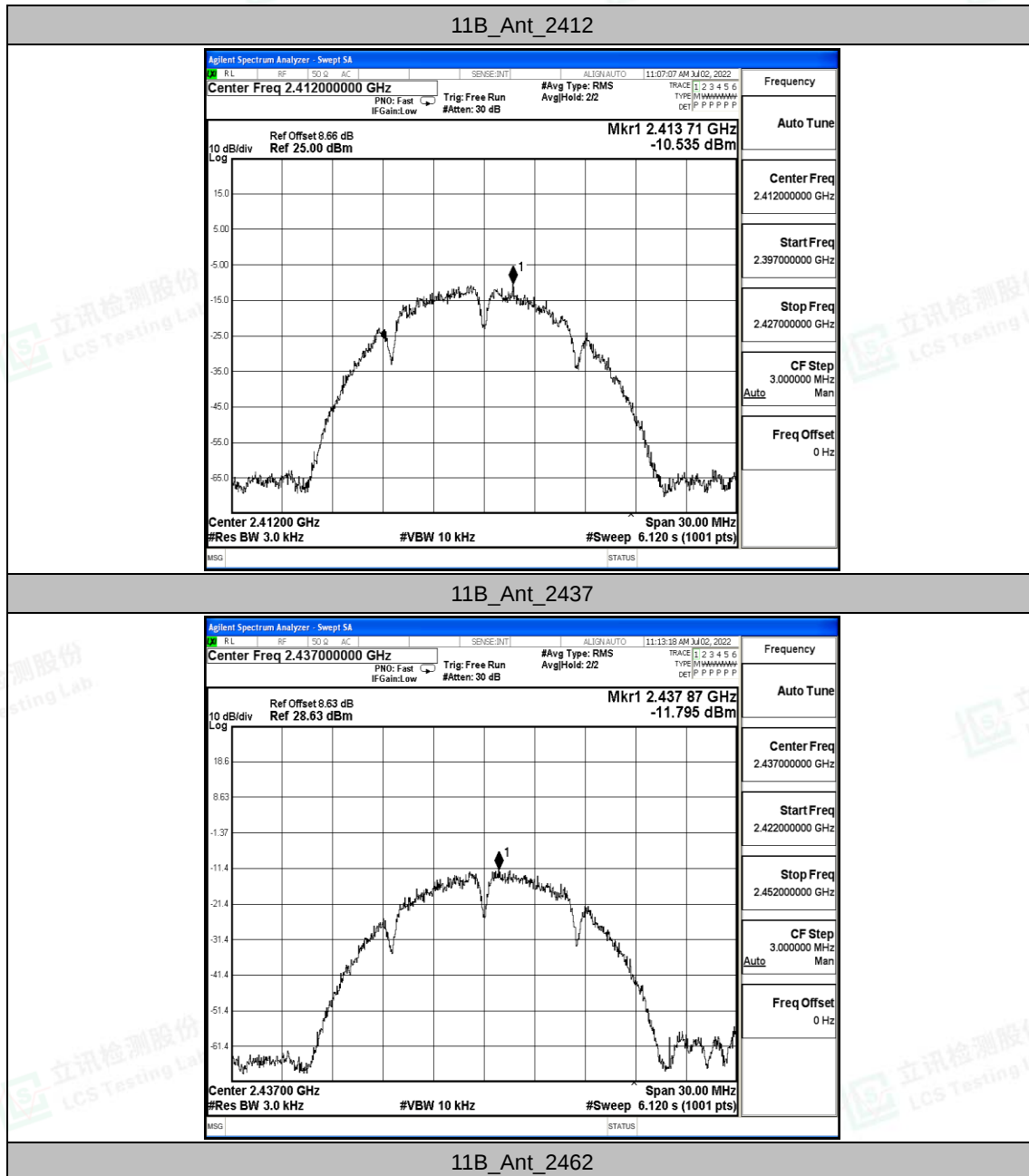
Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant	2412	-10.54	≤8.00	PASS
		2437	-11.8	≤8.00	PASS
		2462	-9.74	≤8.00	PASS
11G	Ant	2412	-17.28	≤8.00	PASS
		2437	-19.08	≤8.00	PASS
		2462	-19.12	≤8.00	PASS
11N20SISO	Ant	2412	-19.49	≤8.00	PASS
		2437	-19.24	≤8.00	PASS
		2462	-19.61	≤8.00	PASS
11N40SISO	Ant	2422	-22.45	≤8.00	PASS
		2437	-20.85	≤8.00	PASS
		2452	-18.63	≤8.00	PASS





Test Graphs

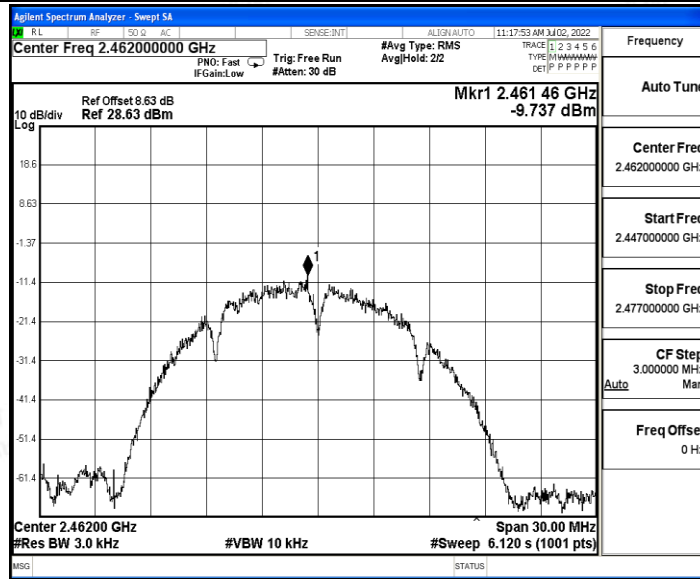


Shenzhen LCS Compliance Testing Laboratory Ltd.

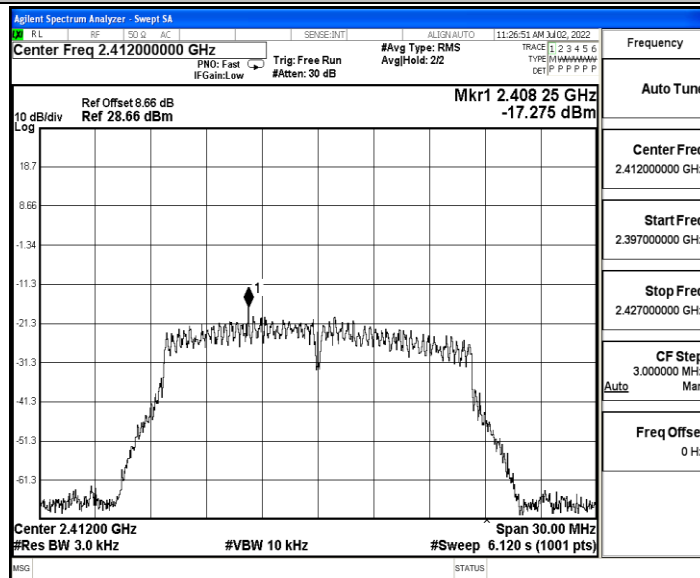
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity

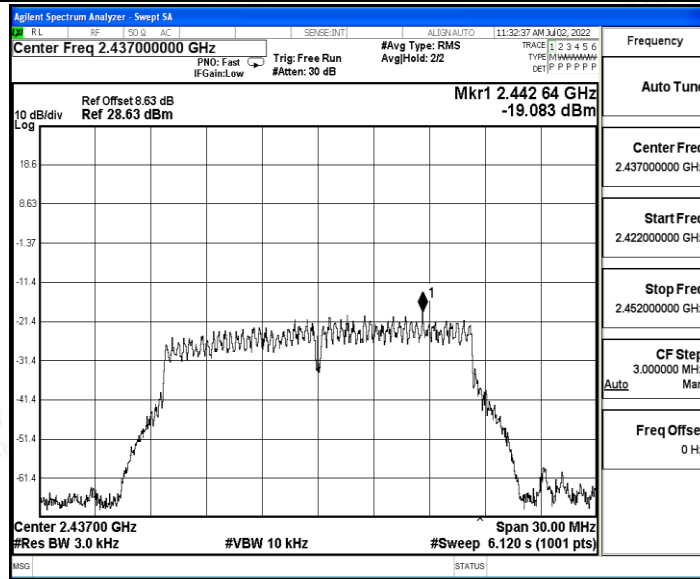


11G_Ant_2412

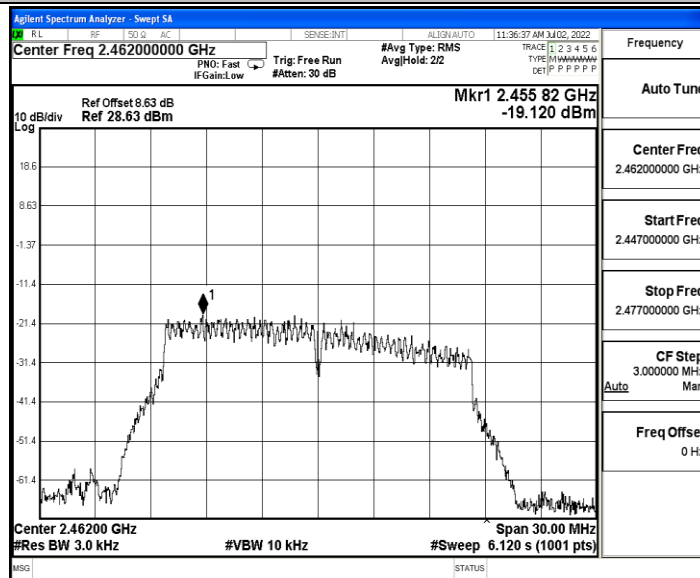


11G_Ant_2437



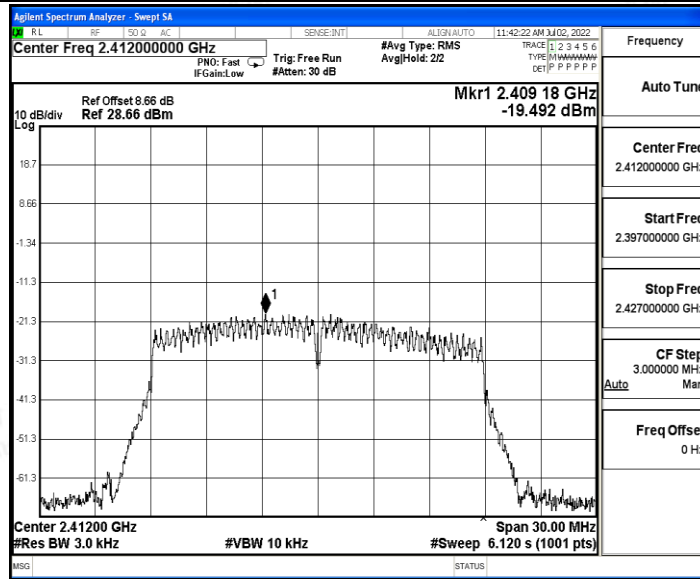


11G_Ant_2462

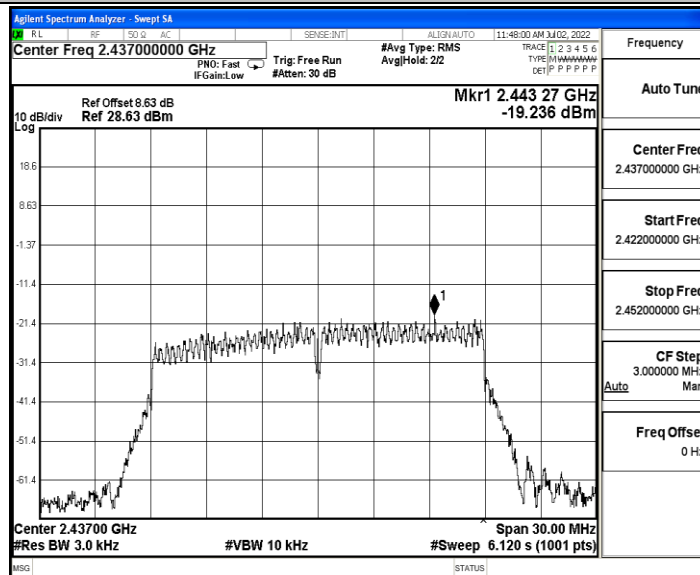


11N20SISO_Ant_2412



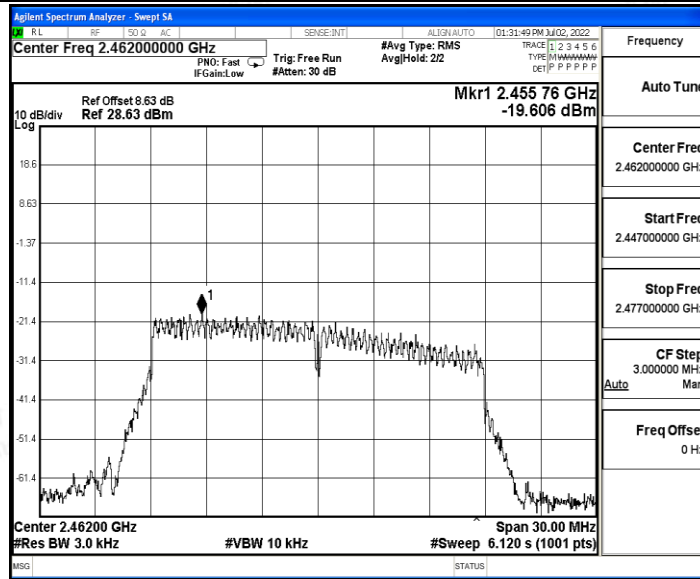


11N20SISO_Ant_2437

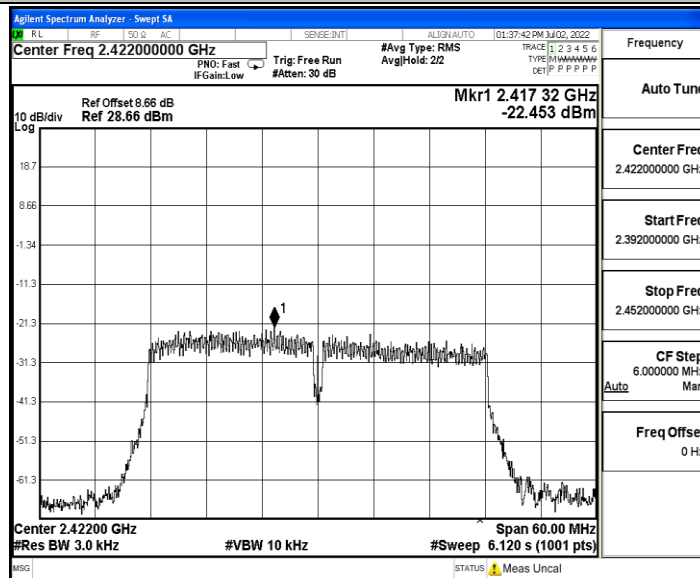


11N20SISO_Ant_2462





11N40SISO_Ant_2422



11N40SISO_Ant_2437

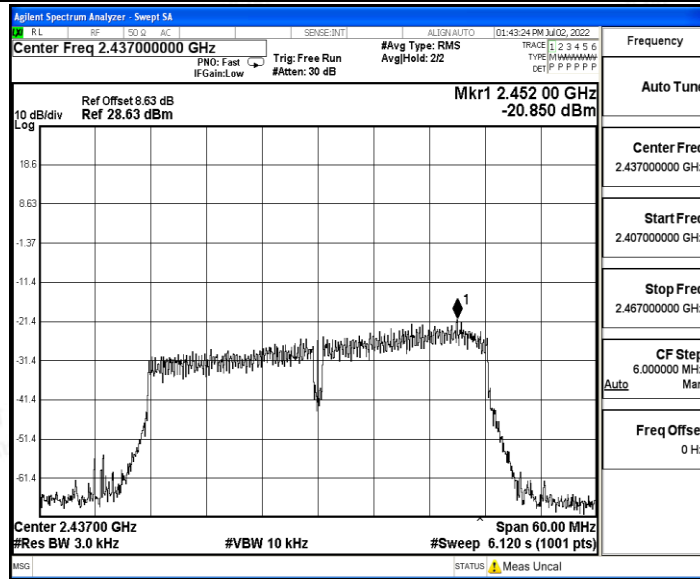


Shenzhen LCS Compliance Testing Laboratory Ltd.

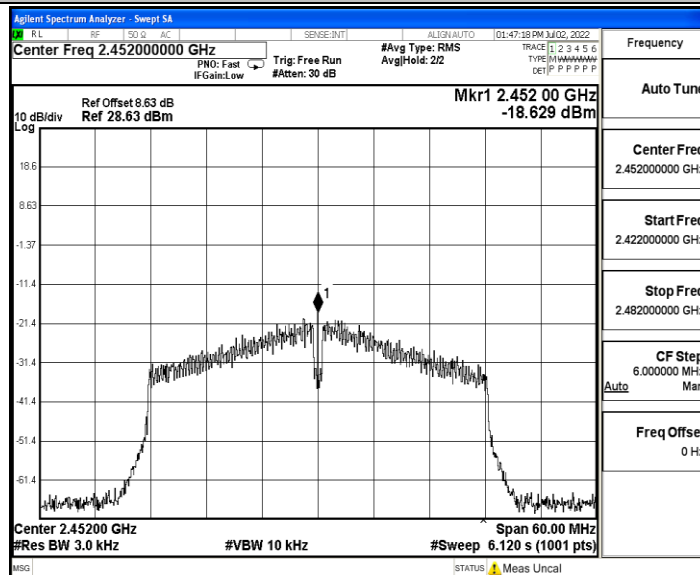
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N40SISO_Ant_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



C.4 Band edge measurements

Test Result

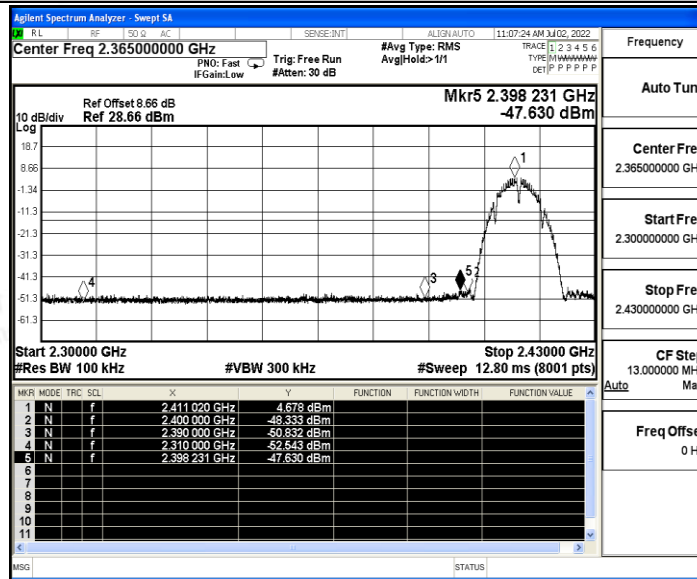
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant	Low	2412	4.68	-47.63	≤ -15.32	PASS
		High	2462	3.90	-47.08	≤ -16.11	PASS
11G	Ant	Low	2412	-4.74	-47.19	≤ -24.74	PASS
		High	2462	-4.07	-47.8	≤ -24.07	PASS
11N20SISO	Ant	Low	2412	-4.25	-46.98	≤ -24.25	PASS
		High	2462	-3.99	-48.27	≤ -23.99	PASS
11N40SISO	Ant	Low	2422	-7.54	-46.41	≤ -27.54	PASS
		High	2452	-5.11	-48.21	≤ -25.11	PASS



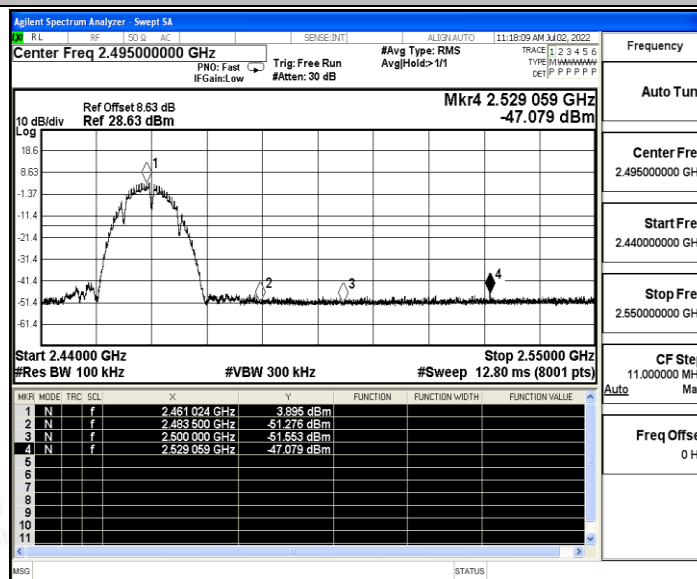


Test Graphs

11B_Ant_Low_2412



11B_Ant_High_2462



11G_Ant_Low_2412

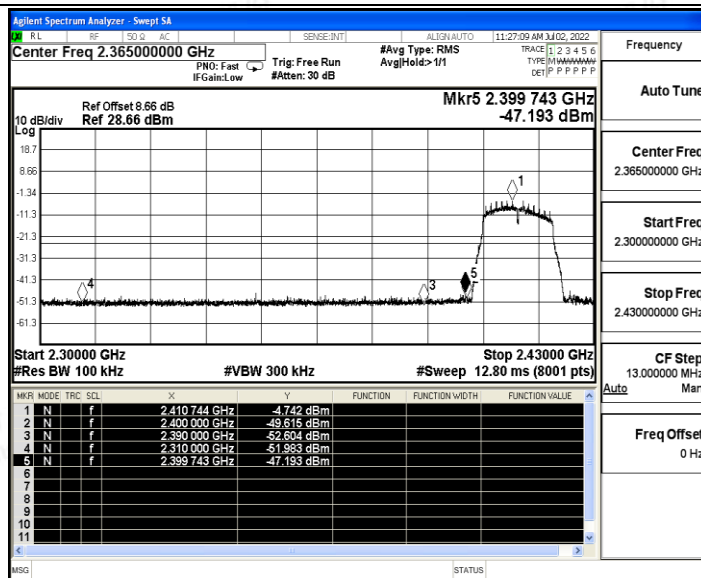


Shenzhen LCS Compliance Testing Laboratory Ltd.

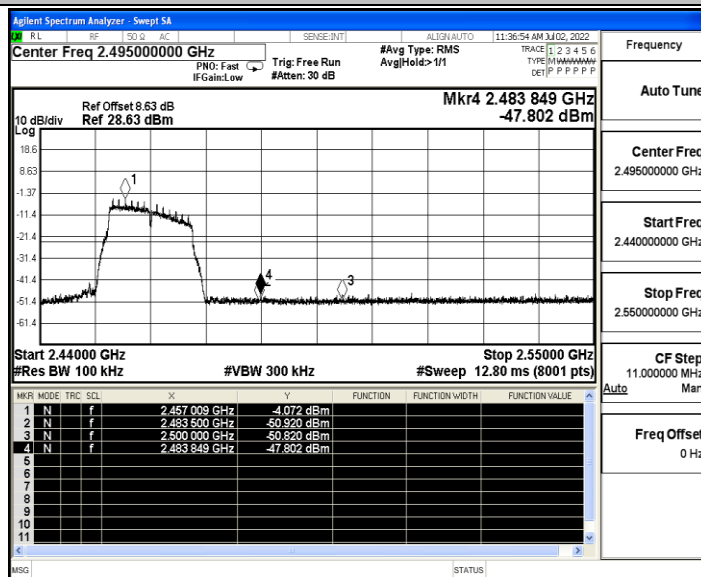
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity

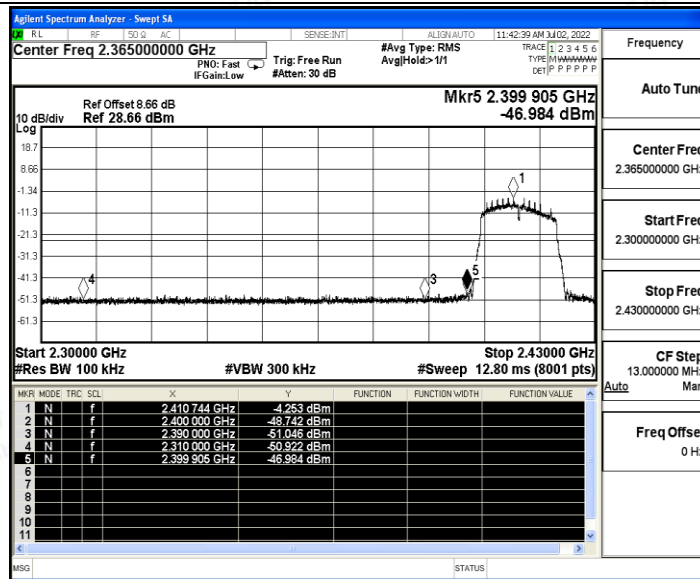


11G_Ant_High_2462

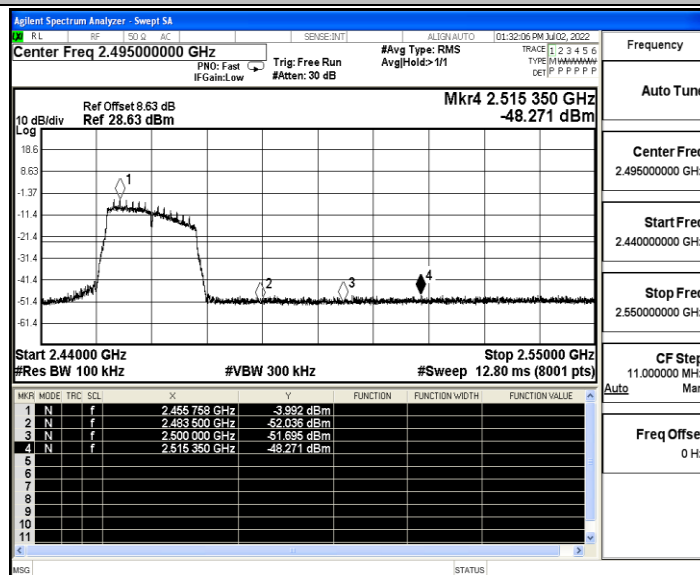


11N20SISO_Ant_Low_2412





11N20SISO_Ant_High_2462



11N40SISO_Ant_Low_2422

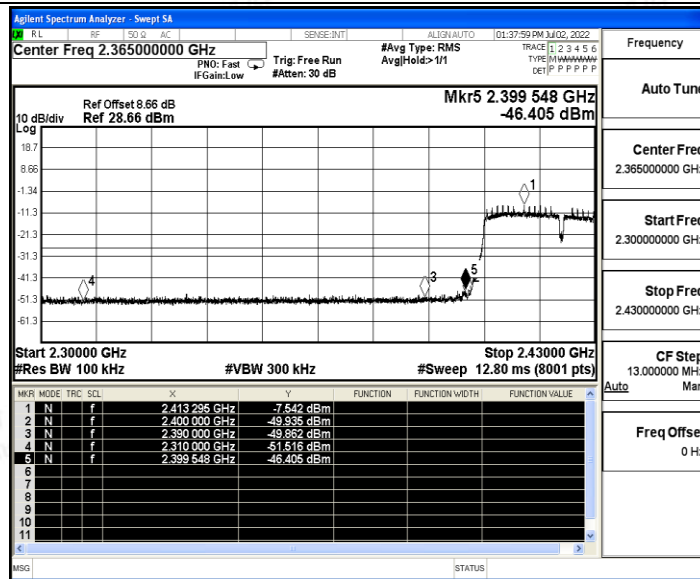


Shenzhen LCS Compliance Testing Laboratory Ltd.

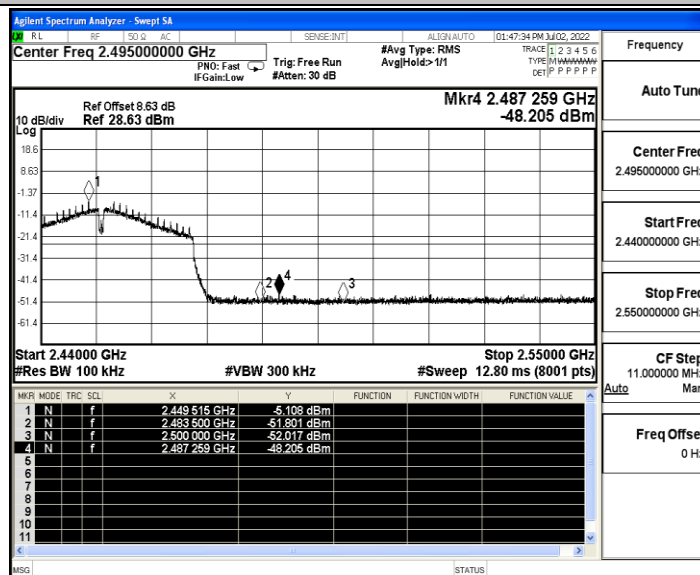
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11N40SISO_Ant_High_2452





C.5 Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant	2412	Reference	4.32	4.32	---	PASS
			30~1000	4.32	-58.46	≤-15.68	PASS
			1000~26500	4.32	-46.45	≤-15.68	PASS
		2437	Reference	3.59	3.59	---	PASS
			30~1000	3.59	-59.18	≤-16.41	PASS
			1000~26500	3.59	-45.31	≤-16.41	PASS
		2462	Reference	4.33	4.33	---	PASS
			30~1000	4.33	-58.83	≤-15.67	PASS
			1000~26500	4.33	-46.21	≤-15.67	PASS
11G	Ant	2412	Reference	-4.80	-4.80	---	PASS
			30~1000	-4.80	-58.84	≤-24.8	PASS
			1000~26500	-4.80	-45.67	≤-24.8	PASS
		2437	Reference	-5.68	-5.68	---	PASS
			30~1000	-5.68	-58.47	≤-25.68	PASS
			1000~26500	-5.68	-46	≤-25.68	PASS
		2462	Reference	-4.08	-4.08	---	PASS
			30~1000	-4.08	-59.29	≤-24.08	PASS
			1000~26500	-4.08	-45.86	≤-24.08	PASS
11N20SISO	Ant	2412	Reference	-4.37	-4.37	---	PASS
			30~1000	-4.37	-58.71	≤-24.37	PASS
			1000~26500	-4.37	-45.57	≤-24.37	PASS
		2437	Reference	-5.24	-5.24	---	PASS
			30~1000	-5.24	-58.42	≤-25.24	PASS
			1000~26500	-5.24	-45.99	≤-25.24	PASS
		2462	Reference	-4.43	-4.43	---	PASS
			30~1000	-4.43	-57.54	≤-24.43	PASS
			1000~26500	-4.43	-46.32	≤-24.43	PASS
11N40SISO	Ant	2422	Reference	-7.61	-7.61	---	PASS
			30~1000	-7.61	-57.19	≤-27.61	PASS
			1000~26500	-7.61	-46.17	≤-27.61	PASS
		2437	Reference	-6.37	-6.37	---	PASS
			30~1000	-6.37	-56.63	≤-26.37	PASS
			1000~26500	-6.37	-45.83	≤-26.37	PASS
		2452	Reference	-5.07	-5.07	---	PASS
			30~1000	-5.07	-57.78	≤-25.07	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

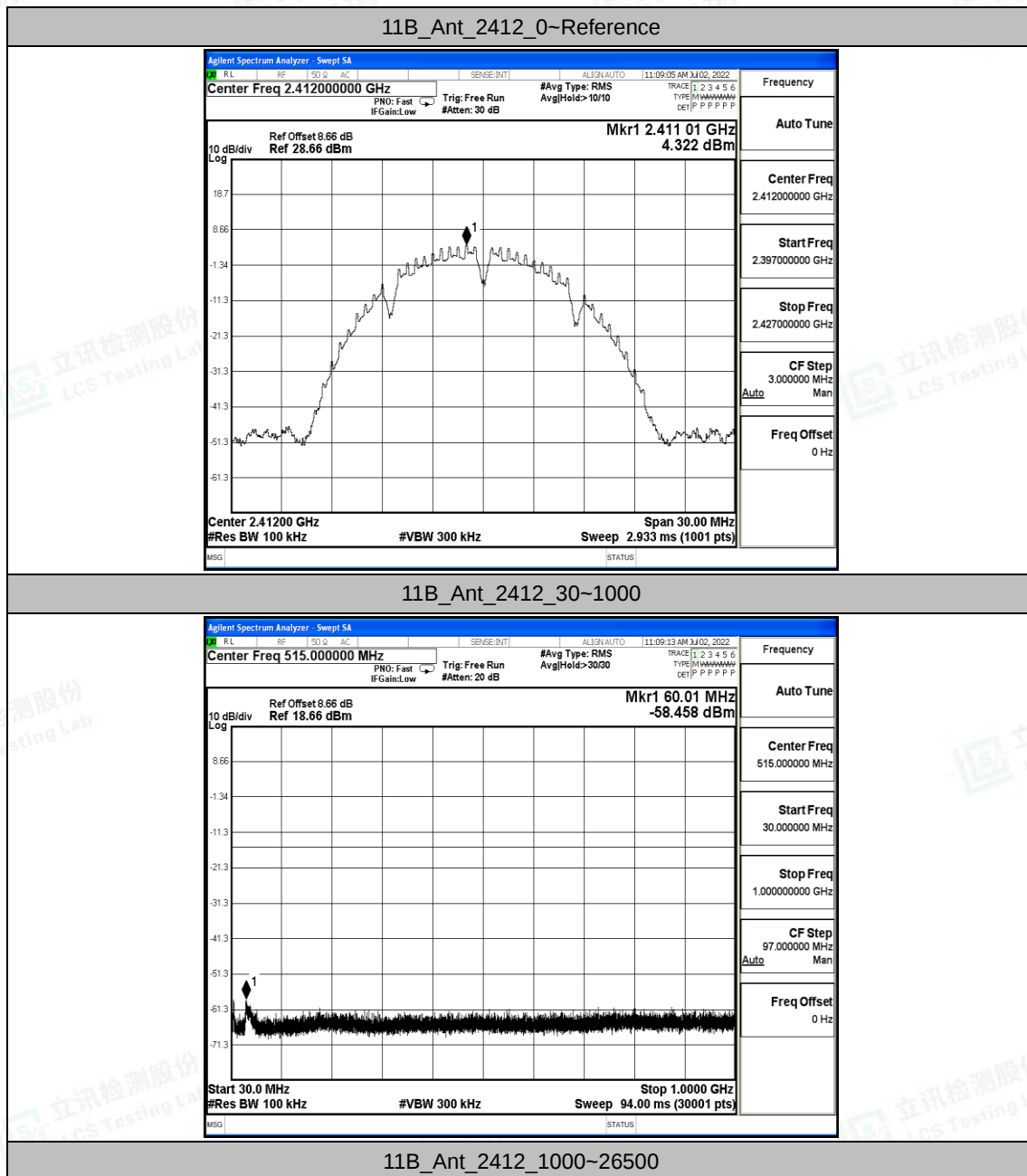


			1000~26500	-5.07	-45.58	≤-25.07	PASS
--	--	--	------------	-------	--------	---------	------





Test Graphs

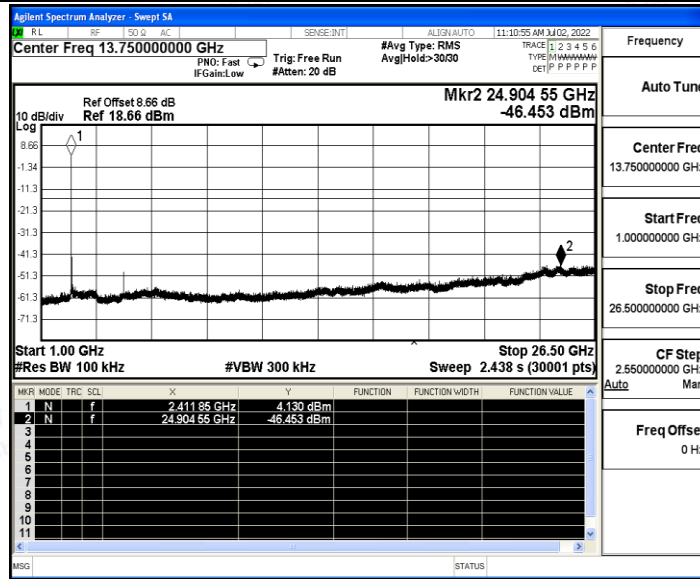


Shenzhen LCS Compliance Testing Laboratory Ltd.

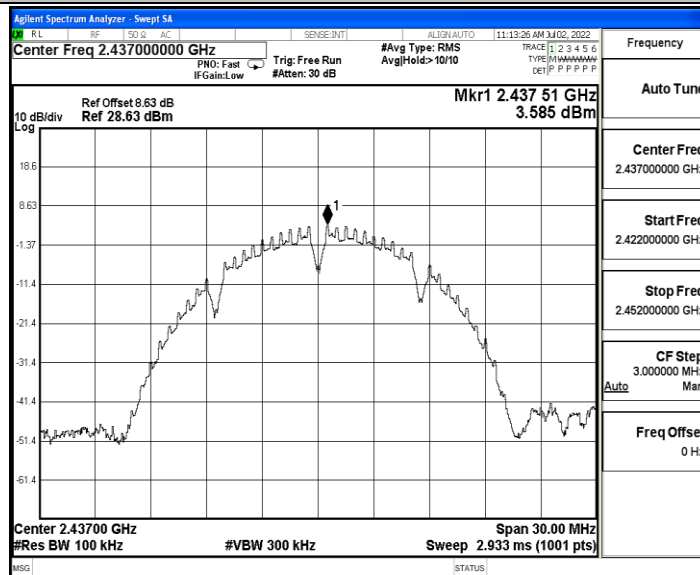
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11B_Ant_2437_0~Reference



11B_Ant_2437_30~1000

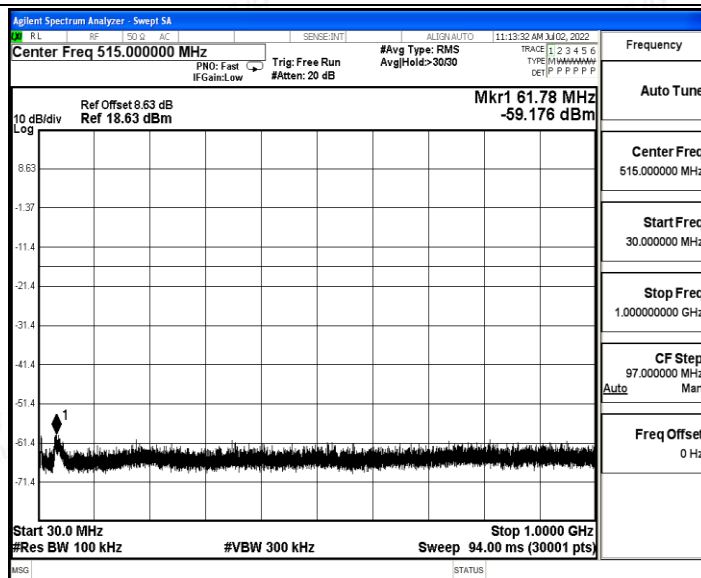


Shenzhen LCS Compliance Testing Laboratory Ltd.

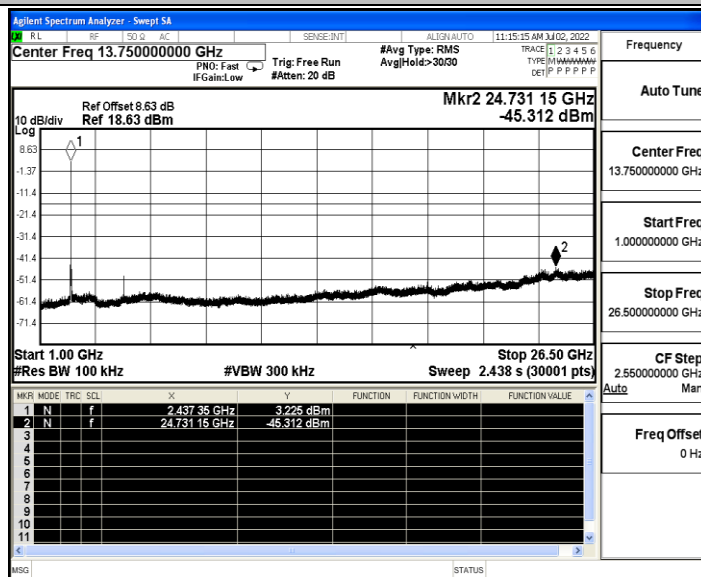
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity

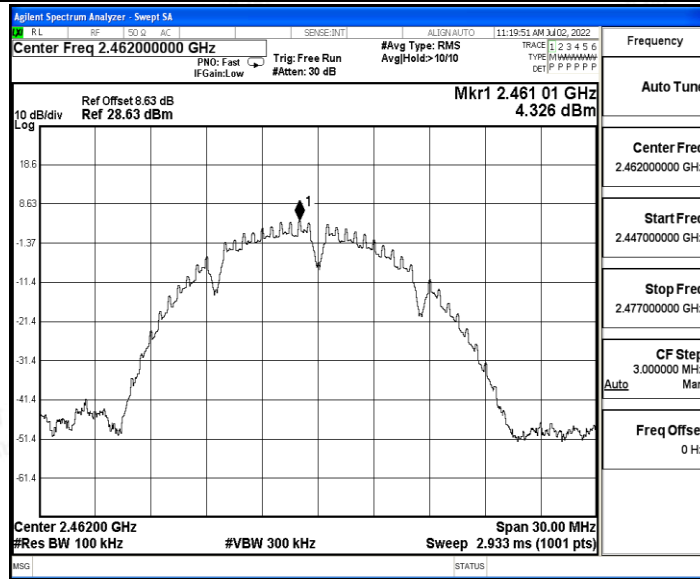


11B_Ant_2437_1000~26500

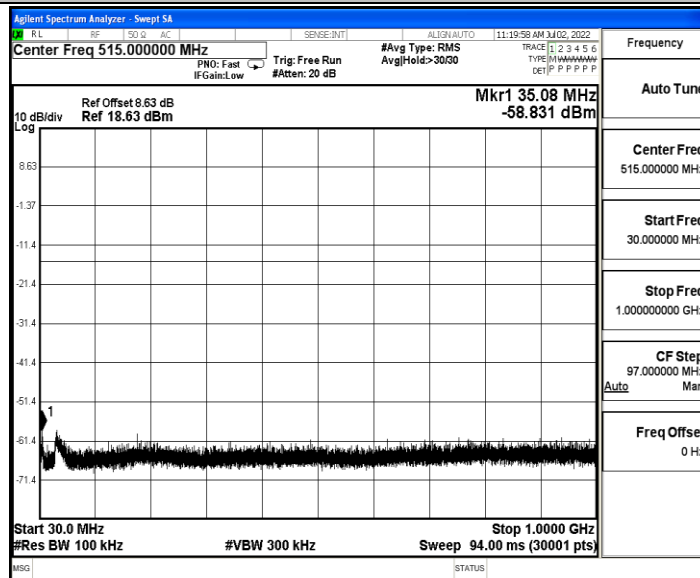


11B_Ant_2462_0~Reference





11B_Ant_2462_30~1000



11B_Ant_2462_1000~26500

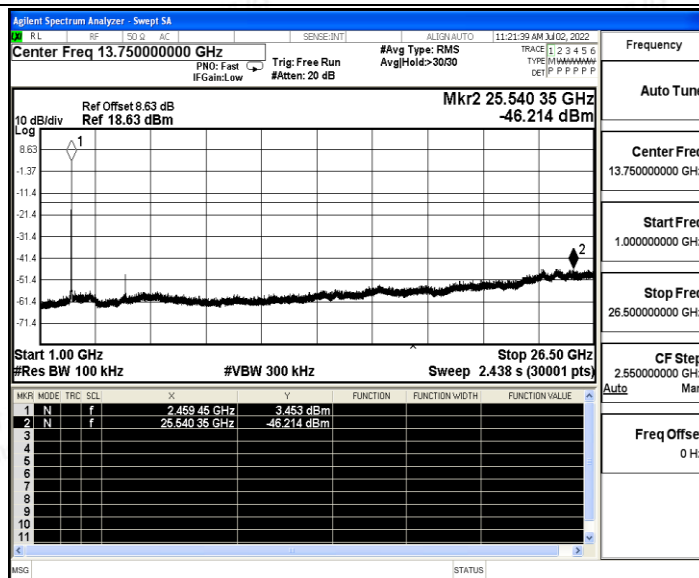


Shenzhen LCS Compliance Testing Laboratory Ltd.

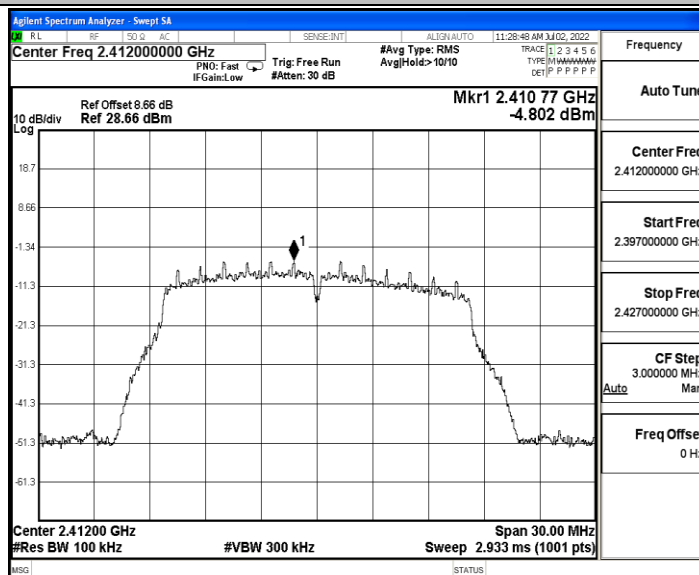
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



11G_Ant_2412_0~Reference



11G_Ant_2412_30~1000

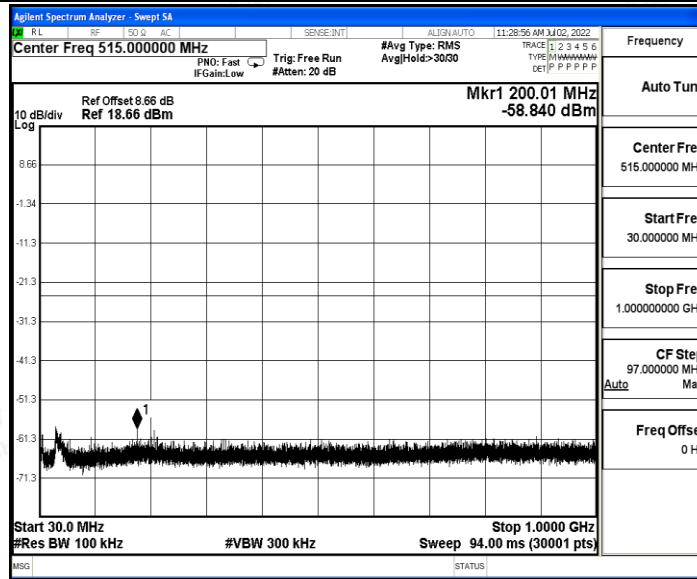


Shenzhen LCS Compliance Testing Laboratory Ltd.

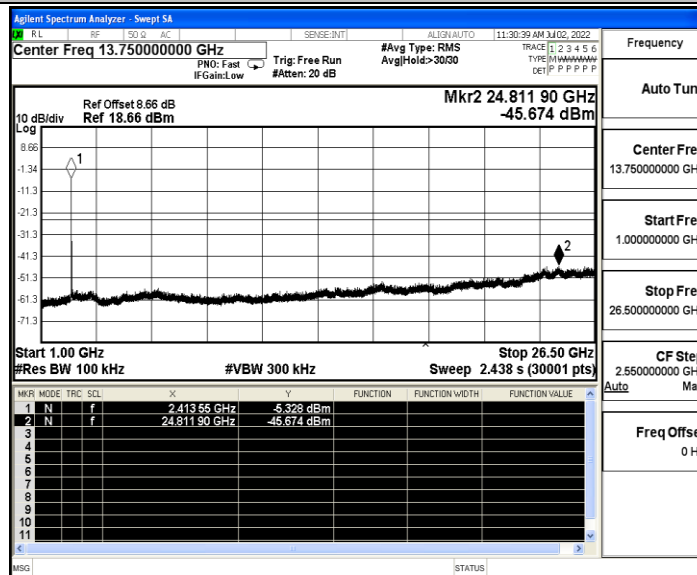
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity

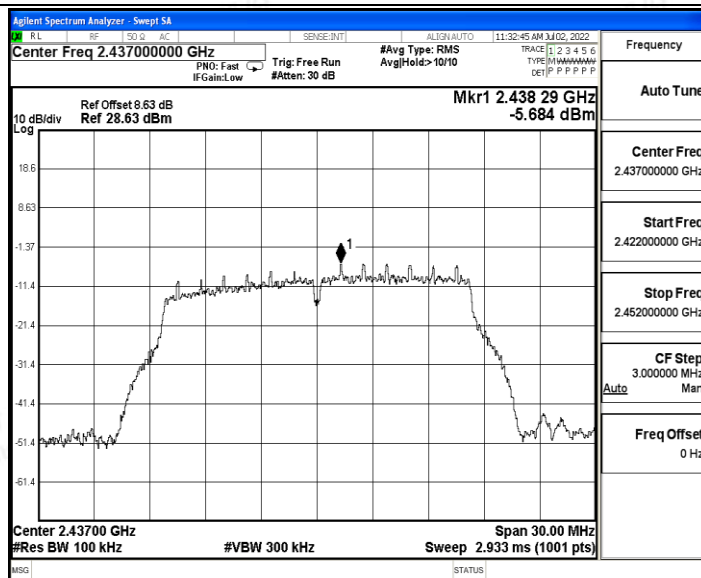


11G_Ant_2412_1000~26500

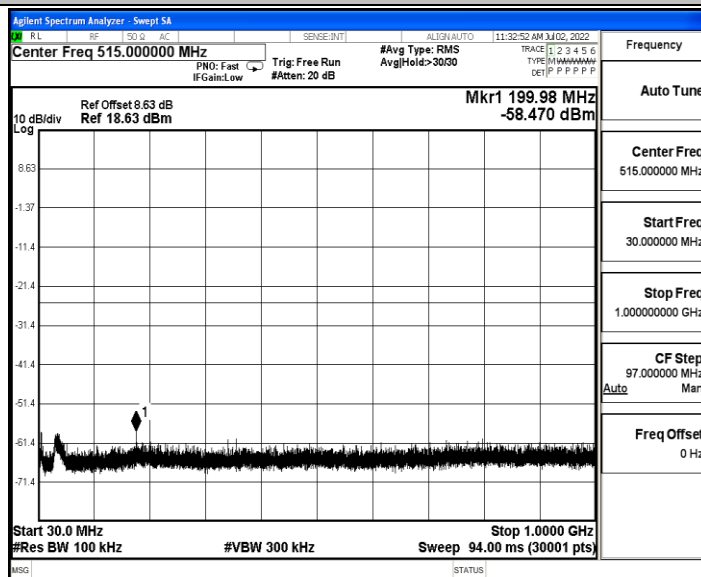


11G_Ant_2437_0~Reference





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