



Appendix I: Test Data for E-UTRA Band 13

Product Name: myFirst Fone R2

Test Model: KW1306

Environmental Conditions

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



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



I.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	24.25	PASS
Band13	5MHz	16QAM	23205	1RB#0	22.93	PASS
Band13	5MHz	QPSK	23205	1RB#12	24.30	PASS
Band13	5MHz	16QAM	23205	1RB#12	22.94	PASS
Band13	5MHz	QPSK	23205	1RB#24	24.16	PASS
Band13	5MHz	16QAM	23205	1RB#24	22.89	PASS
Band13	5MHz	QPSK	23205	12RB#0	23.38	PASS
Band13	5MHz	16QAM	23205	12RB#0	22.66	PASS
Band13	5MHz	QPSK	23205	12RB#6	23.37	PASS
Band13	5MHz	16QAM	23205	12RB#6	22.65	PASS
Band13	5MHz	QPSK	23205	12RB#13	23.34	PASS
Band13	5MHz	16QAM	23205	12RB#13	22.55	PASS
Band13	5MHz	QPSK	23205	25RB#0	23.33	PASS
Band13	5MHz	16QAM	23205	25RB#0	22.65	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.90	PASS
Band13	5MHz	16QAM	23230	1RB#0	23.71	PASS
Band13	5MHz	QPSK	23230	1RB#12	24.04	PASS
Band13	5MHz	16QAM	23230	1RB#12	23.71	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.88	PASS
Band13	5MHz	16QAM	23230	1RB#24	23.61	PASS
Band13	5MHz	QPSK	23230	12RB#0	23.32	PASS
Band13	5MHz	16QAM	23230	12RB#0	22.74	PASS
Band13	5MHz	QPSK	23230	12RB#6	23.32	PASS
Band13	5MHz	16QAM	23230	12RB#6	22.52	PASS
Band13	5MHz	QPSK	23230	12RB#13	23.27	PASS
Band13	5MHz	16QAM	23230	12RB#13	22.46	PASS
Band13	5MHz	QPSK	23230	25RB#0	23.26	PASS
Band13	5MHz	16QAM	23230	25RB#0	22.42	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.98	PASS
Band13	5MHz	16QAM	23255	1RB#0	23.16	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.84	PASS
Band13	5MHz	16QAM	23255	1RB#12	23.08	PASS
Band13	5MHz	QPSK	23255	1RB#24	24.10	PASS
Band13	5MHz	16QAM	23255	1RB#24	23.20	PASS
Band13	5MHz	QPSK	23255	12RB#0	23.25	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



Band13	5MHz	16QAM	23255	12RB#0	22.43	PASS
Band13	5MHz	QPSK	23255	12RB#6	23.20	PASS
Band13	5MHz	16QAM	23255	12RB#6	22.45	PASS
Band13	5MHz	QPSK	23255	12RB#13	23.09	PASS
Band13	5MHz	16QAM	23255	12RB#13	22.35	PASS
Band13	5MHz	QPSK	23255	25RB#0	23.15	PASS
Band13	5MHz	16QAM	23255	25RB#0	22.51	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.70	PASS
Band13	10MHz	16QAM	23230	1RB#0	23.02	PASS
Band13	10MHz	QPSK	23230	1RB#24	23.62	PASS
Band13	10MHz	16QAM	23230	1RB#24	22.91	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.35	PASS
Band13	10MHz	16QAM	23230	1RB#49	22.75	PASS
Band13	10MHz	QPSK	23230	25RB#0	22.87	PASS
Band13	10MHz	16QAM	23230	25RB#0	22.17	PASS
Band13	10MHz	QPSK	23230	25RB#12	22.89	PASS
Band13	10MHz	16QAM	23230	25RB#12	22.16	PASS
Band13	10MHz	QPSK	23230	25RB#25	22.73	PASS
Band13	10MHz	16QAM	23230	25RB#25	21.94	PASS
Band13	10MHz	QPSK	23230	50RB#0	22.85	PASS
Band13	10MHz	16QAM	23230	50RB#0	22.01	PASS





I.2 Peak-to-Average Ratio(CCDF)

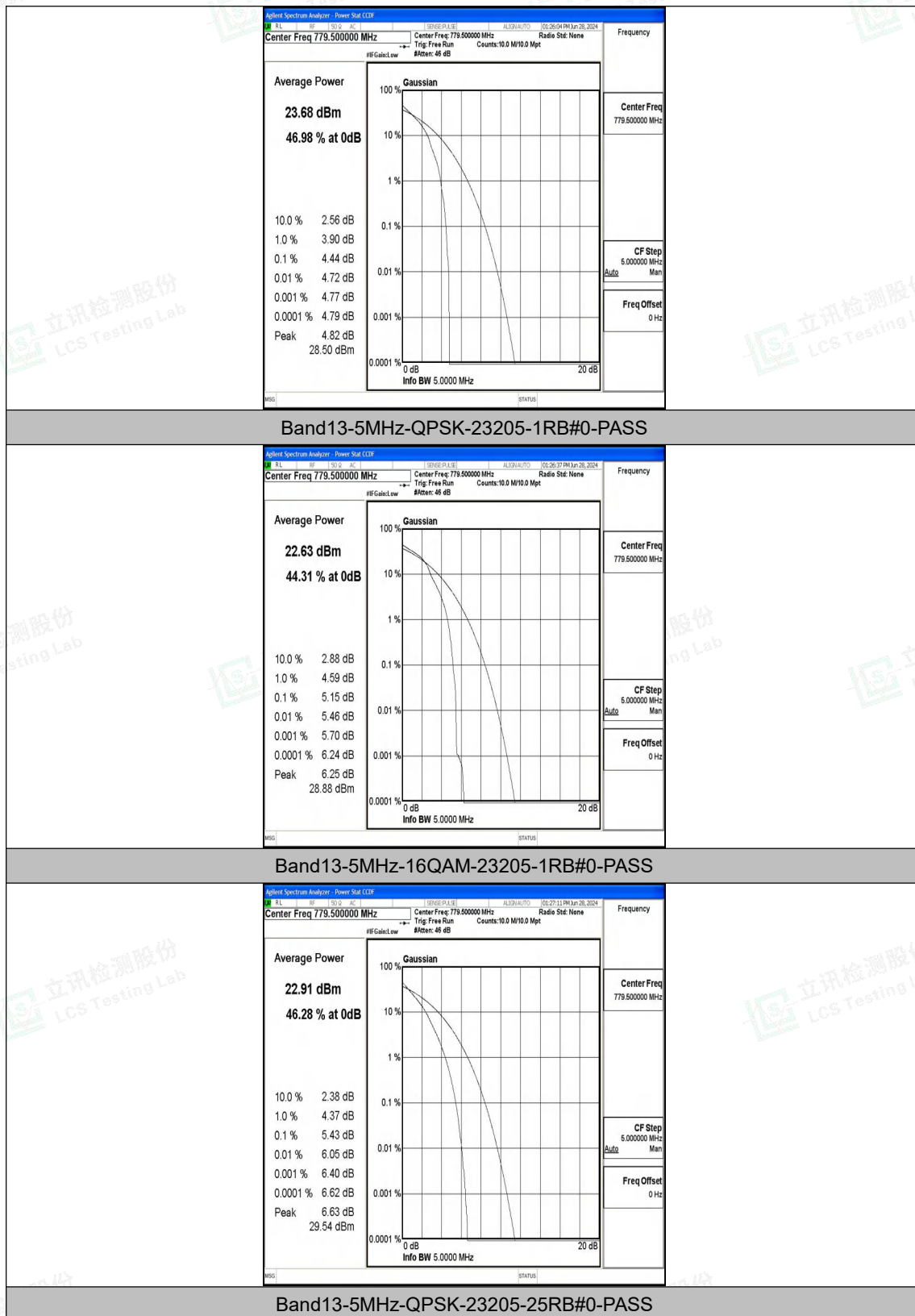
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	4.44	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	5.15	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	5.43	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	6.07	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	4.61	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	4.91	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.45	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	6.12	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	4.69	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	5.23	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.44	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	6.10	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	4.39	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	5.08	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.44	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	6.10	13	PASS





Test Graphs

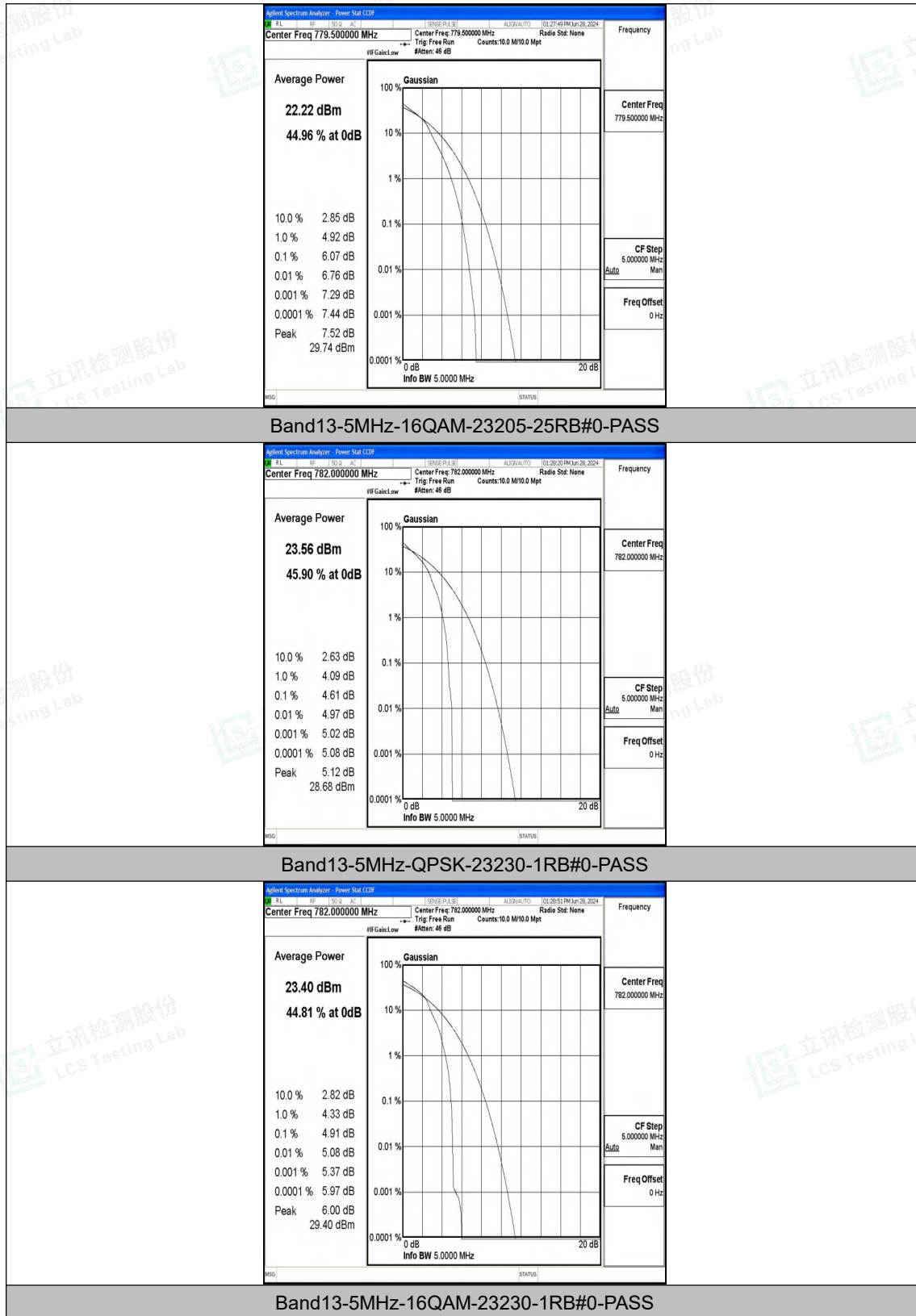


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

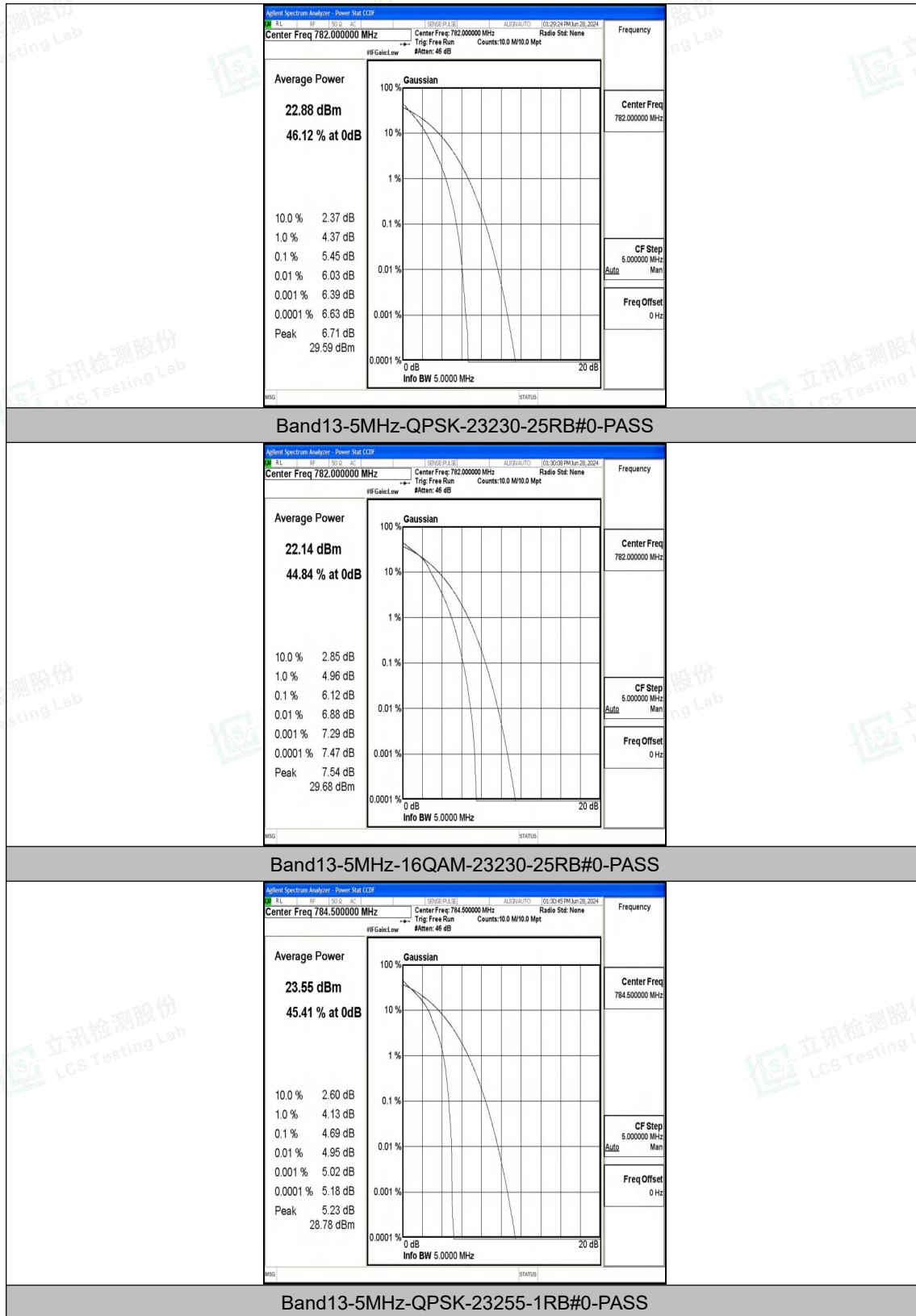


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

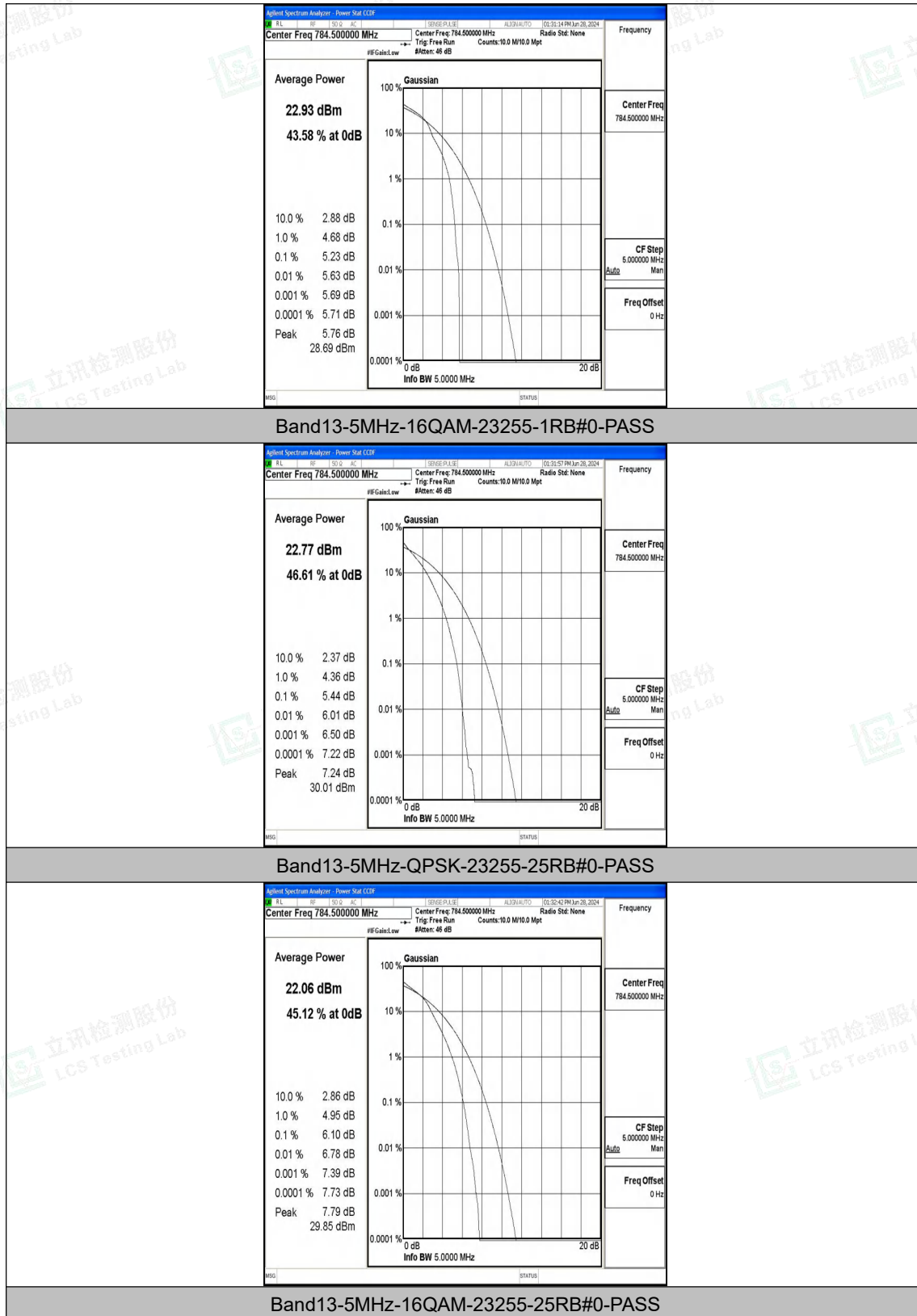


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

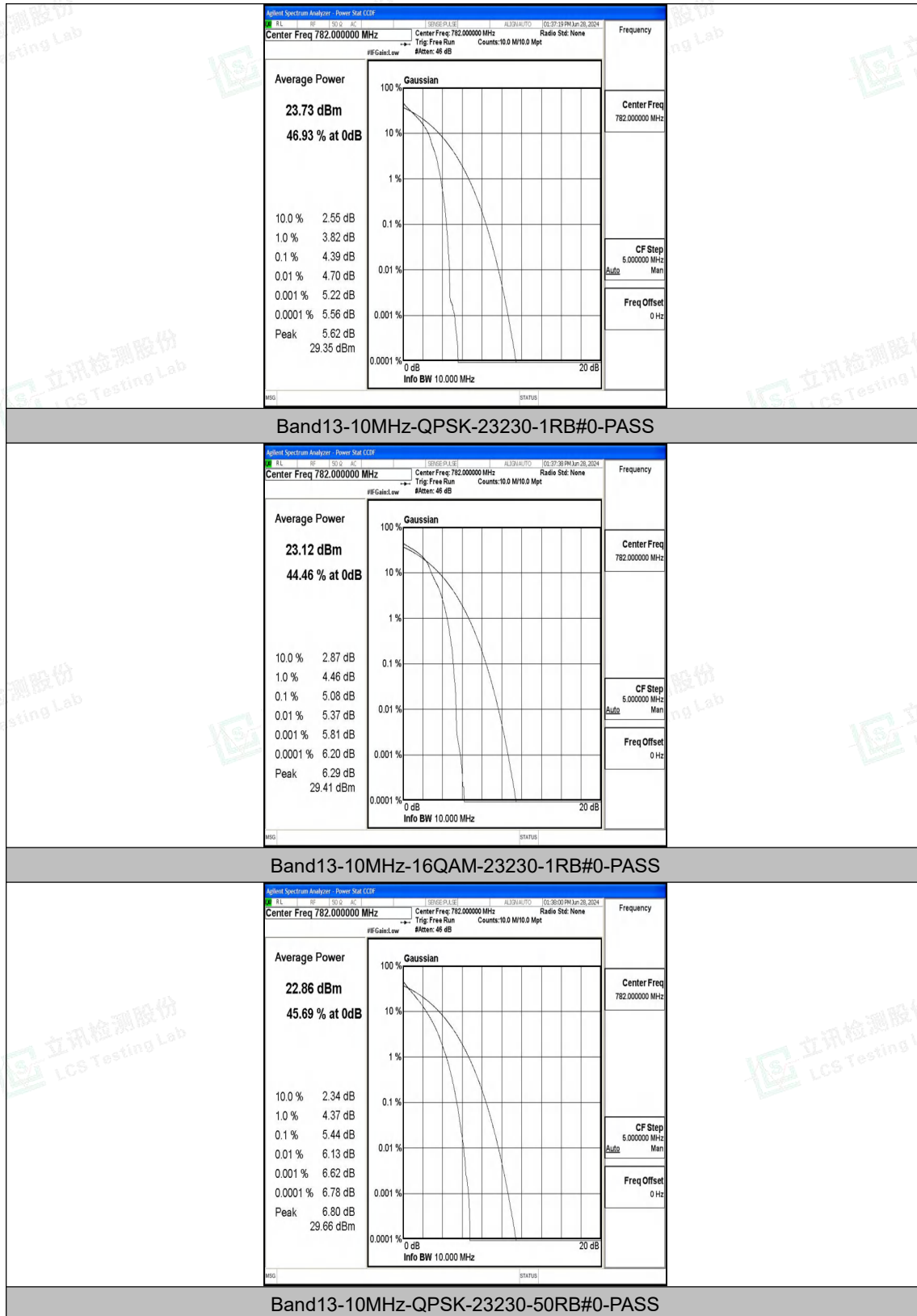


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

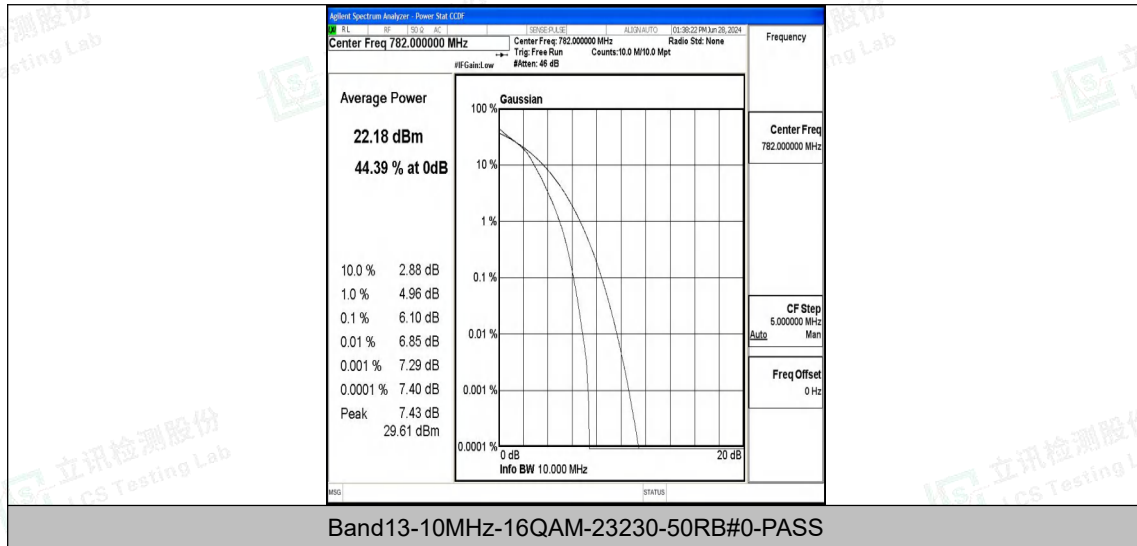


Shenzhen LCS Compliance Testing Laboratory Ltd.

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



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



I.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.5142	5.295	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.5192	5.276	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.5168	5.365	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5281	5.410	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.5093	5.177	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.5343	5.366	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9939	10.01	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9886	10.10	PASS





Test Graphs

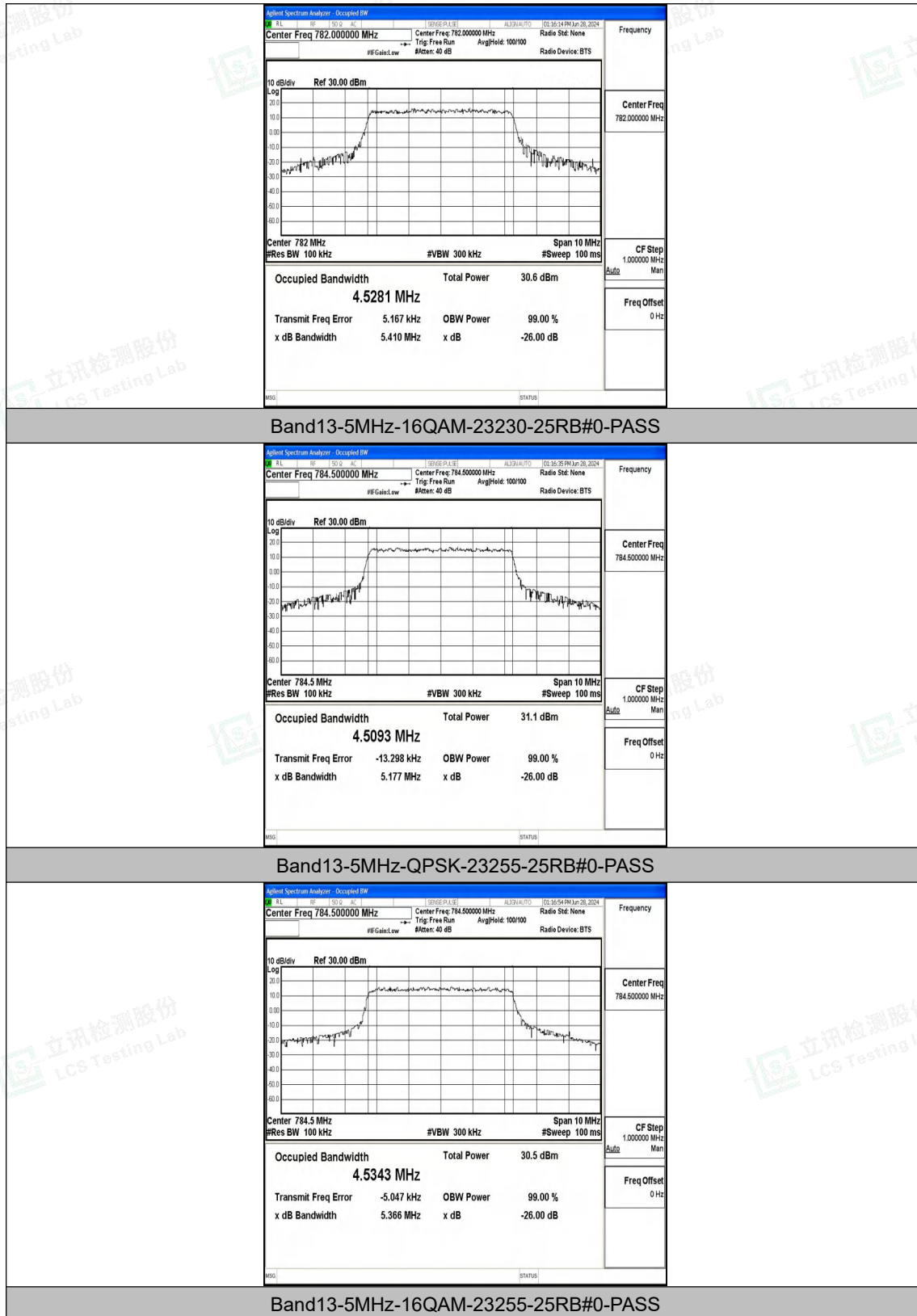


Shenzhen LCS Compliance Testing Laboratory Ltd.

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





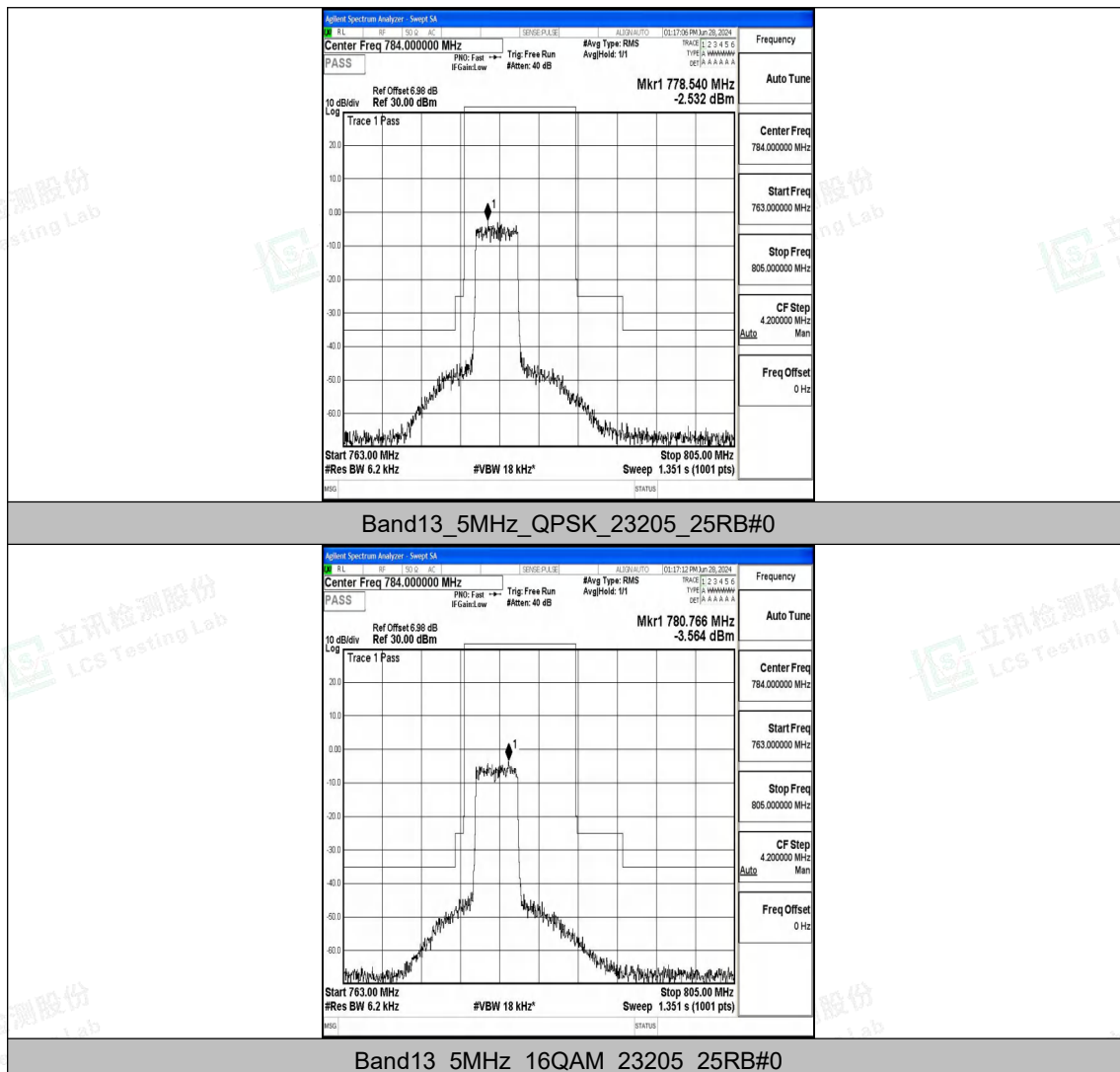


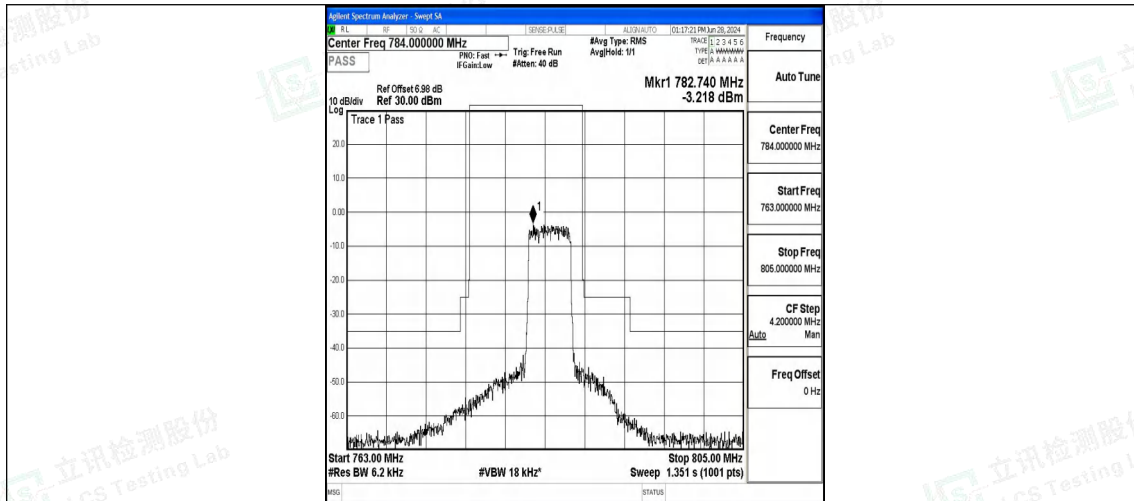
I.4 Band Edge

Test Result

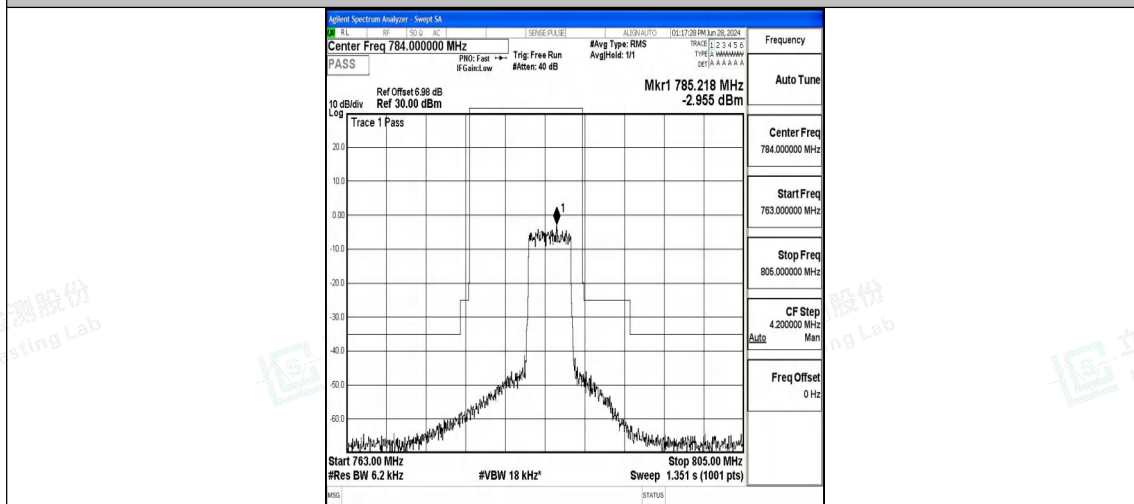
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	774.89	-46.70	PASS
Band13	5MHz	16QAM	23205	25RB#0	774.97	-48.17	PASS
Band13	5MHz	QPSK	23255	25RB#0	788.62	-45.78	PASS
Band13	5MHz	16QAM	23255	25RB#0	788.37	-46.08	PASS
Band13	10MHz	QPSK	23230	50RB#0	774.80	-48.78	PASS
Band13	10MHz	16QAM	23230	50RB#0	774.17	-49.42	PASS

Test Graphs

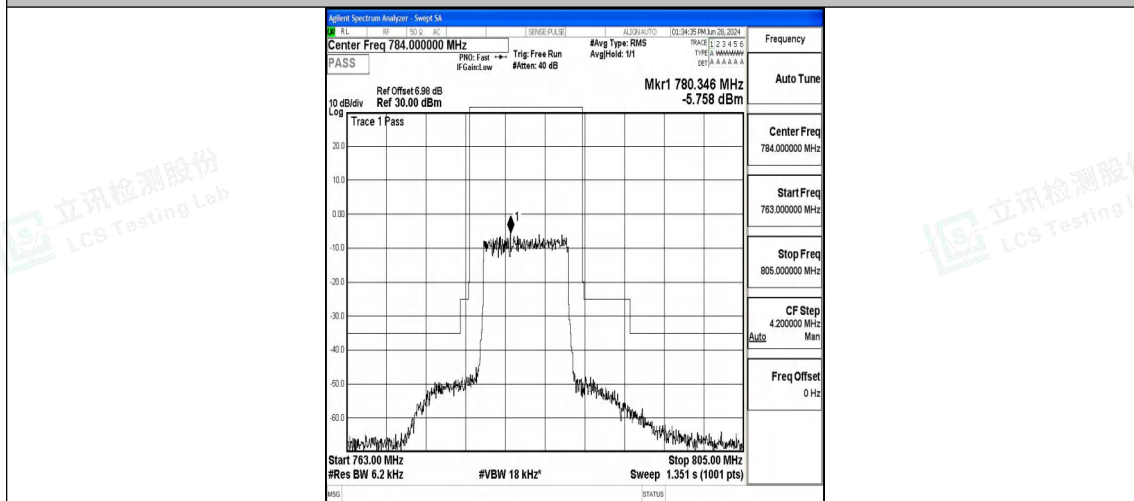




Band13_5MHz_QPSK_23255_25RB#0



Band13_5MHz_16QAM_23255_25RB#0



Band13_10MHz_QPSK_23230_50RB#0

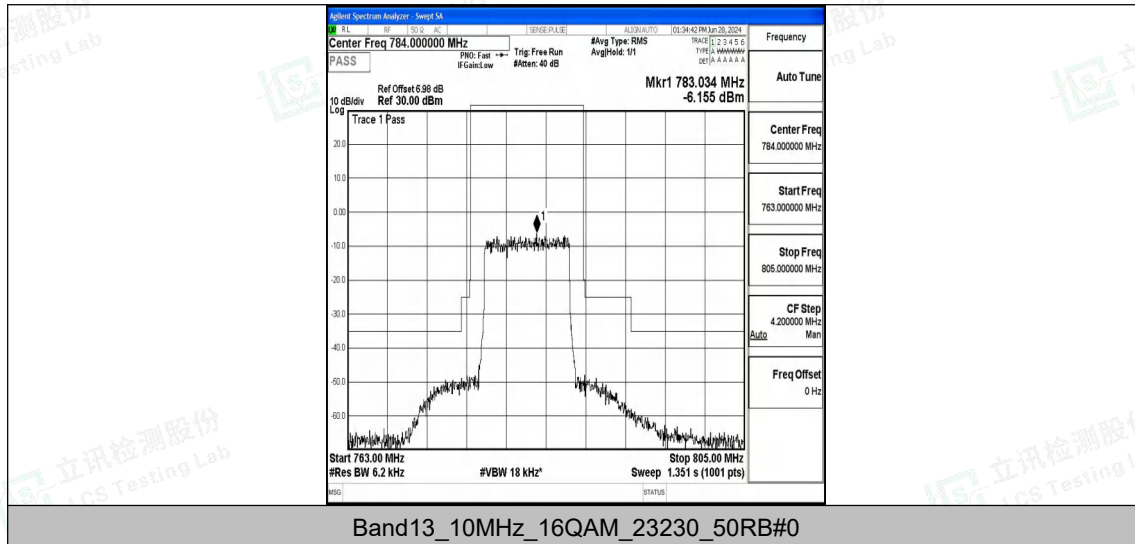


Shenzhen LCS Compliance Testing Laboratory Ltd.

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





I.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	0.009~0.15	-57.28	PASS
Band13	5MHz	QPSK	23205	1RB#0	0.15~30	-52.27	PASS
Band13	5MHz	QPSK	23205	1RB#0	30~1000	-60.88	PASS
Band13	5MHz	QPSK	23205	1RB#0	1559~1610	-56.06	PASS
Band13	5MHz	QPSK	23205	1RB#0	1000~3000	-42.11	PASS
Band13	5MHz	QPSK	23205	1RB#0	3000~10000	-44.30	PASS
Band13	5MHz	16QAM	23205	1RB#0	0.009~0.15	-58.29	PASS
Band13	5MHz	16QAM	23205	1RB#0	0.15~30	-50.85	PASS
Band13	5MHz	16QAM	23205	1RB#0	30~1000	-60.68	PASS
Band13	5MHz	16QAM	23205	1RB#0	1559~1610	-55.21	PASS
Band13	5MHz	16QAM	23205	1RB#0	1000~3000	-43.23	PASS
Band13	5MHz	16QAM	23205	1RB#0	3000~10000	-43.63	PASS
Band13	5MHz	QPSK	23230	1RB#0	0.009~0.15	-56.06	PASS
Band13	5MHz	QPSK	23230	1RB#0	0.15~30	-51.19	PASS
Band13	5MHz	QPSK	23230	1RB#0	30~1000	-61.75	PASS
Band13	5MHz	QPSK	23230	1RB#0	1559~1610	-55.84	PASS
Band13	5MHz	QPSK	23230	1RB#0	1000~3000	-42.65	PASS
Band13	5MHz	QPSK	23230	1RB#0	3000~10000	-43.93	PASS
Band13	5MHz	16QAM	23230	1RB#0	0.009~0.15	-58.35	PASS
Band13	5MHz	16QAM	23230	1RB#0	0.15~30	-51.74	PASS
Band13	5MHz	16QAM	23230	1RB#0	30~1000	-61.18	PASS
Band13	5MHz	16QAM	23230	1RB#0	1559~1610	-55.35	PASS
Band13	5MHz	16QAM	23230	1RB#0	1000~3000	-42.50	PASS
Band13	5MHz	16QAM	23230	1RB#0	3000~10000	-44.10	PASS
Band13	5MHz	QPSK	23255	1RB#0	0.009~0.15	-59.60	PASS
Band13	5MHz	QPSK	23255	1RB#0	0.15~30	-52.96	PASS
Band13	5MHz	QPSK	23255	1RB#0	30~1000	-59.99	PASS
Band13	5MHz	QPSK	23255	1RB#0	1559~1610	-55.65	PASS
Band13	5MHz	QPSK	23255	1RB#0	1000~3000	-43.24	PASS
Band13	5MHz	QPSK	23255	1RB#0	3000~10000	-44.35	PASS
Band13	5MHz	16QAM	23255	1RB#0	0.009~0.15	-57.88	PASS
Band13	5MHz	16QAM	23255	1RB#0	0.15~30	-53.19	PASS
Band13	5MHz	16QAM	23255	1RB#0	30~1000	-61.98	PASS
Band13	5MHz	16QAM	23255	1RB#0	1559~1610	-54.64	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

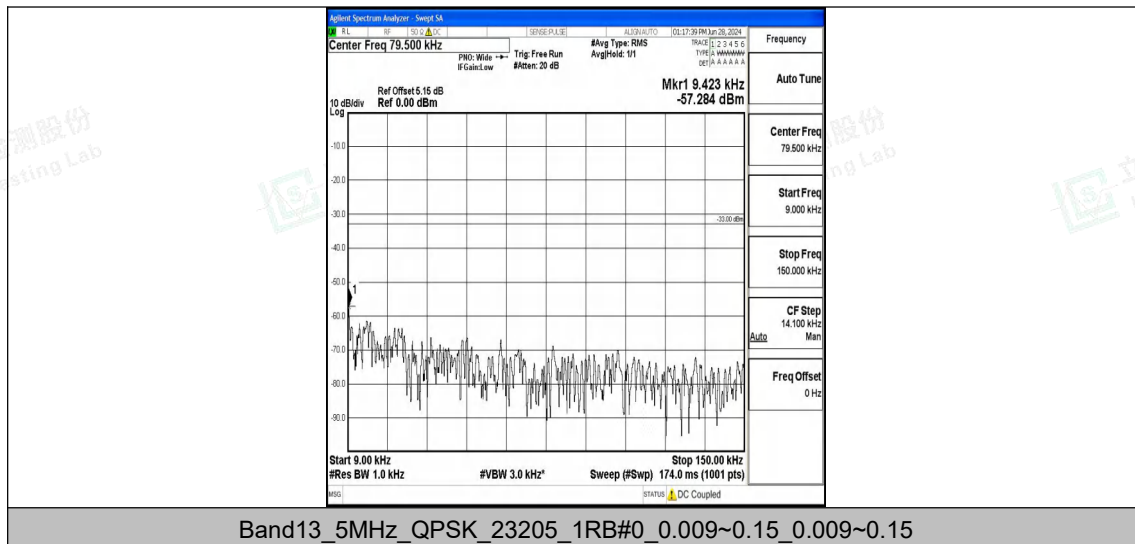
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

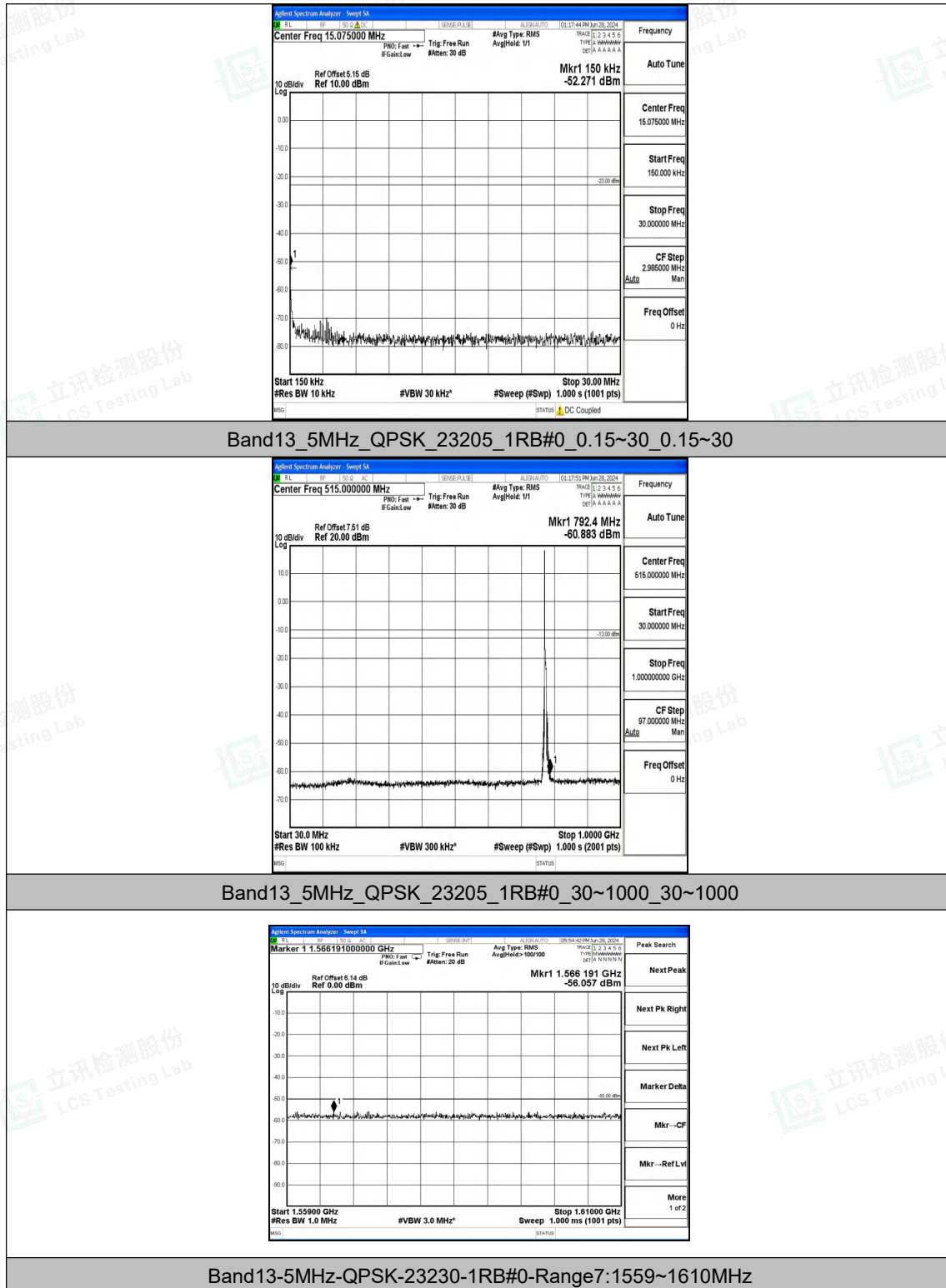
Scan code to check authenticity



Band13	5MHz	16QAM	23255	1RB#0	1000~3000	-43.63	PASS
Band13	5MHz	16QAM	23255	1RB#0	3000~10000	-44.00	PASS
Band13	10MHz	QPSK	23230	1RB#0	0.009~0.15	-55.75	PASS
Band13	10MHz	QPSK	23230	1RB#0	0.15~30	-52.12	PASS
Band13	10MHz	QPSK	23230	1RB#0	30~1000	-61.98	PASS
Band13	10MHz	QPSK	23230	1RB#0	1559~1610	-55.61	PASS
Band13	10MHz	QPSK	23230	1RB#0	1000~3000	-42.15	PASS
Band13	10MHz	QPSK	23230	1RB#0	3000~10000	-43.95	PASS
Band13	10MHz	16QAM	23230	1RB#0	0.009~0.15	-59.74	PASS
Band13	10MHz	16QAM	23230	1RB#0	0.15~30	-52.71	PASS
Band13	10MHz	16QAM	23230	1RB#0	30~1000	-62.28	PASS
Band13	10MHz	16QAM	23230	1RB#0	1559~1610	-55.75	PASS
Band13	10MHz	16QAM	23230	1RB#0	1000~3000	-40.87	PASS
Band13	10MHz	16QAM	23230	1RB#0	3000~10000	-44.37	PASS

Test Graphs



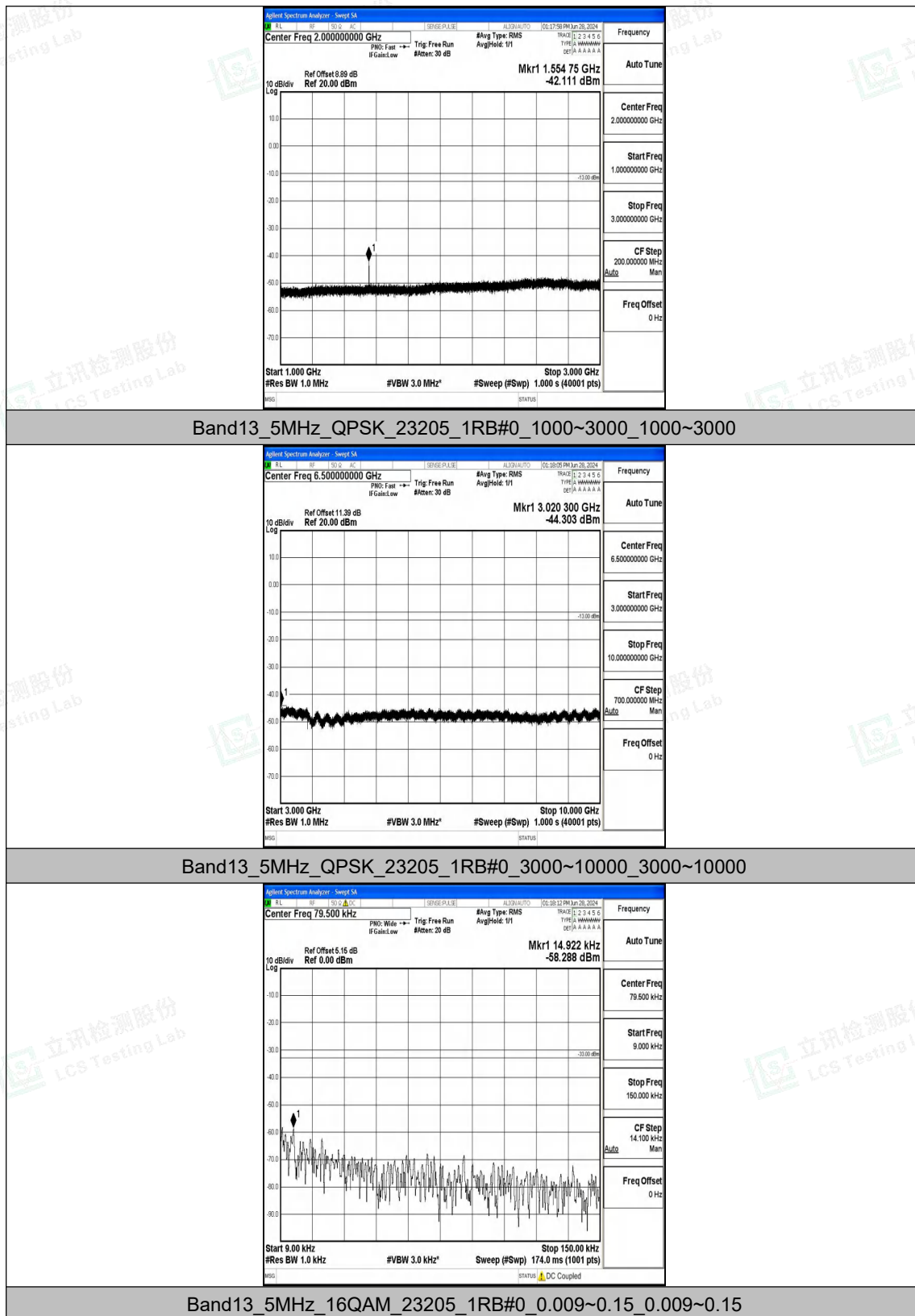


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

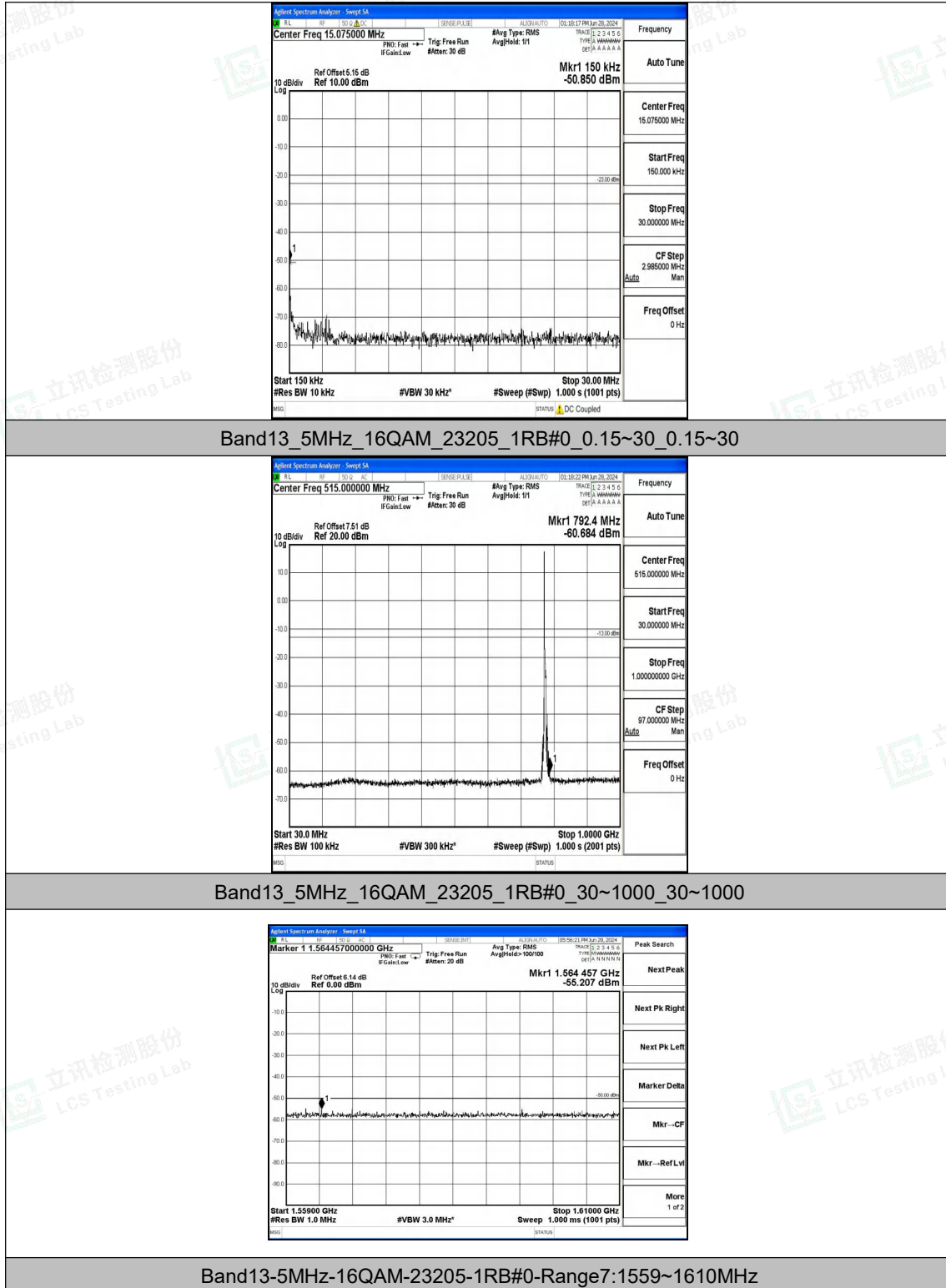


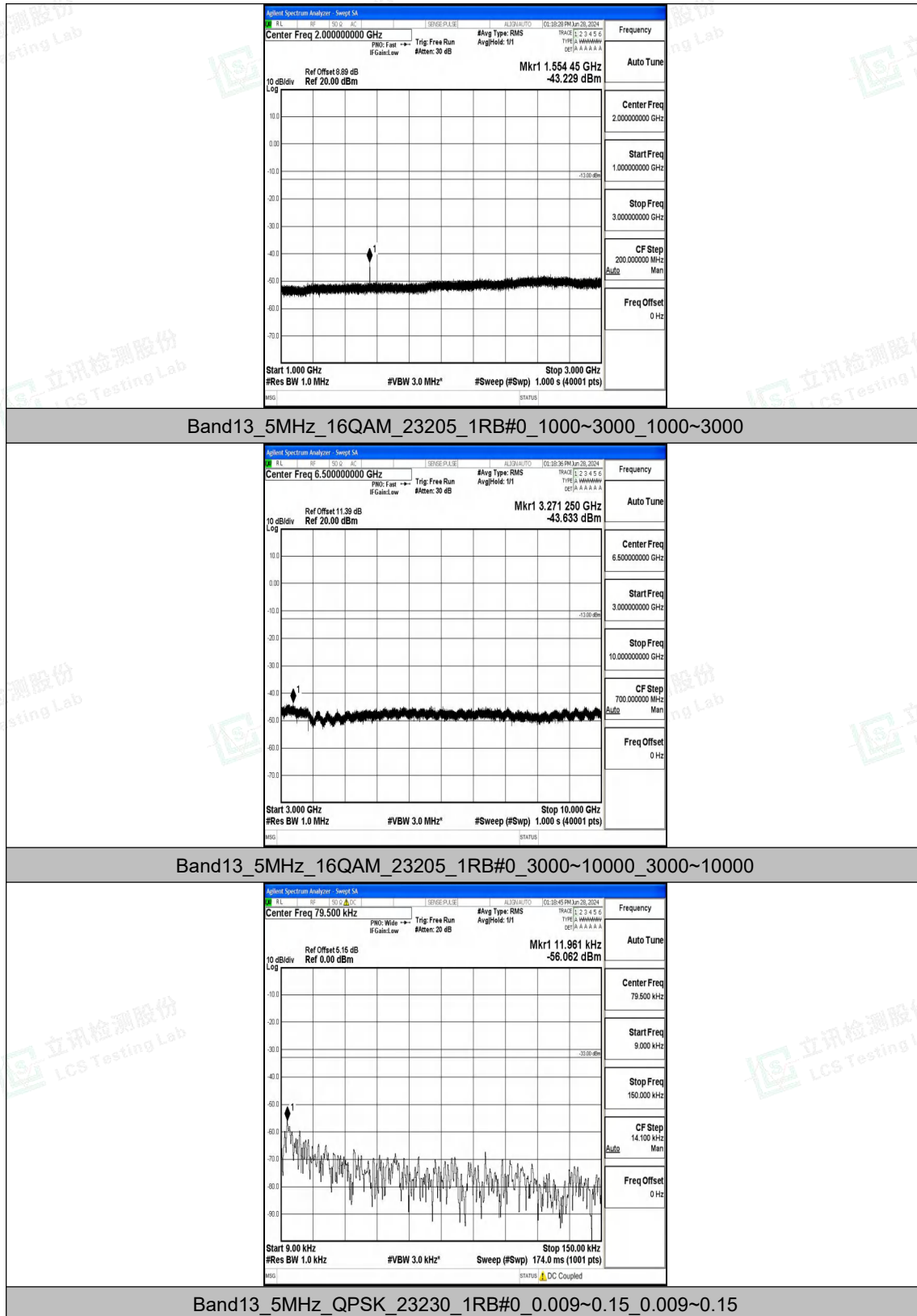
Shenzhen LCS Compliance Testing Laboratory Ltd.

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



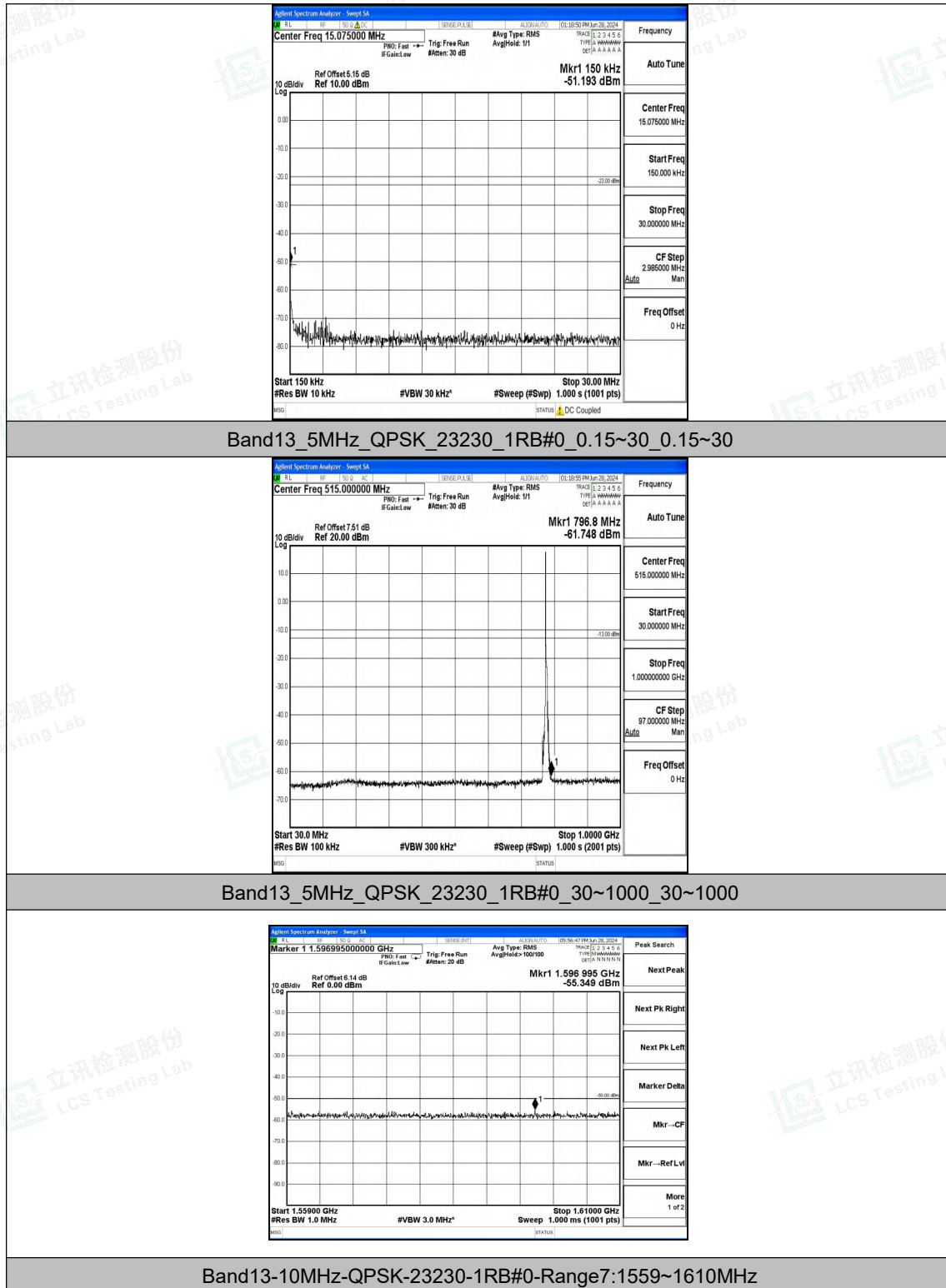


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

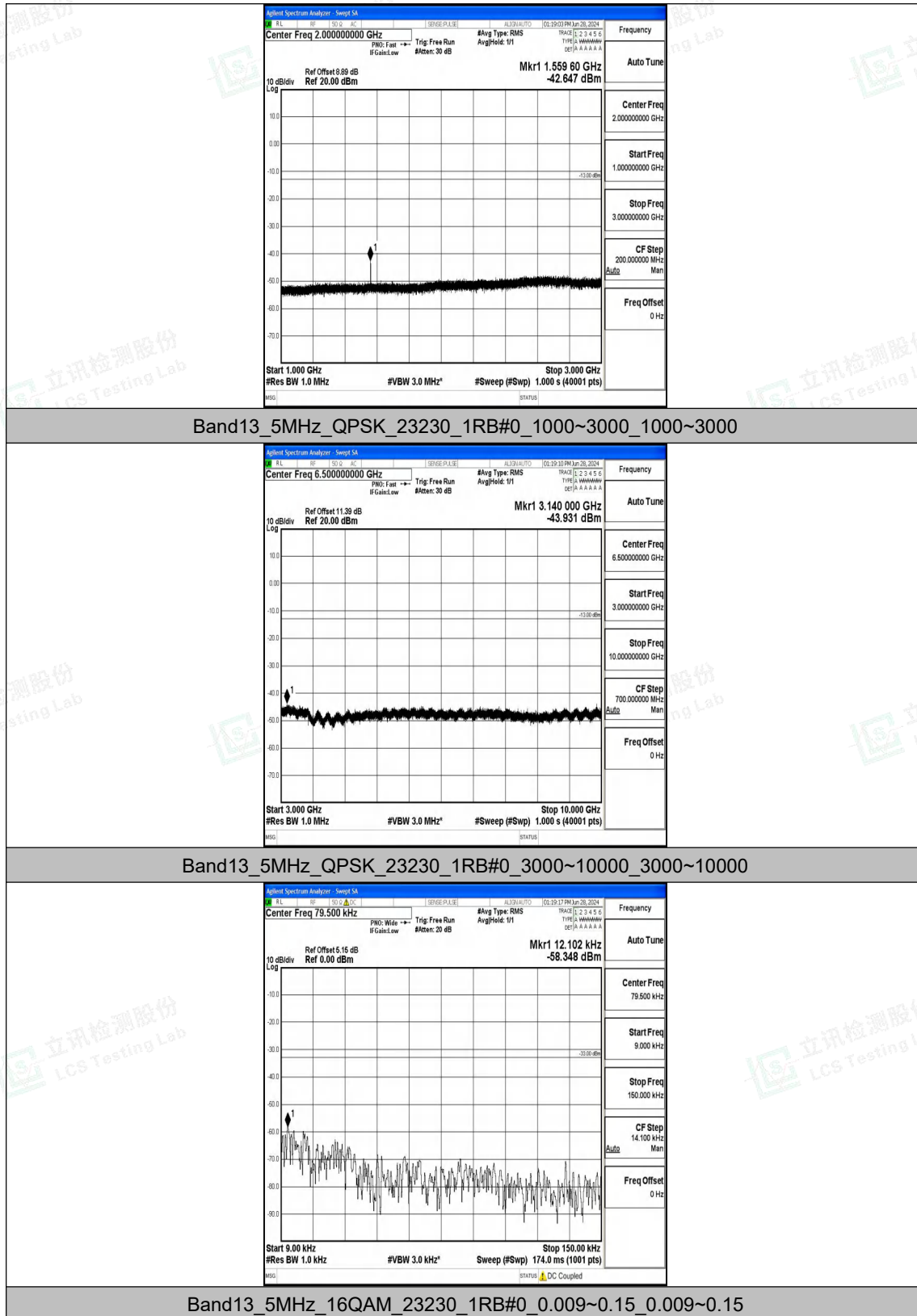


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

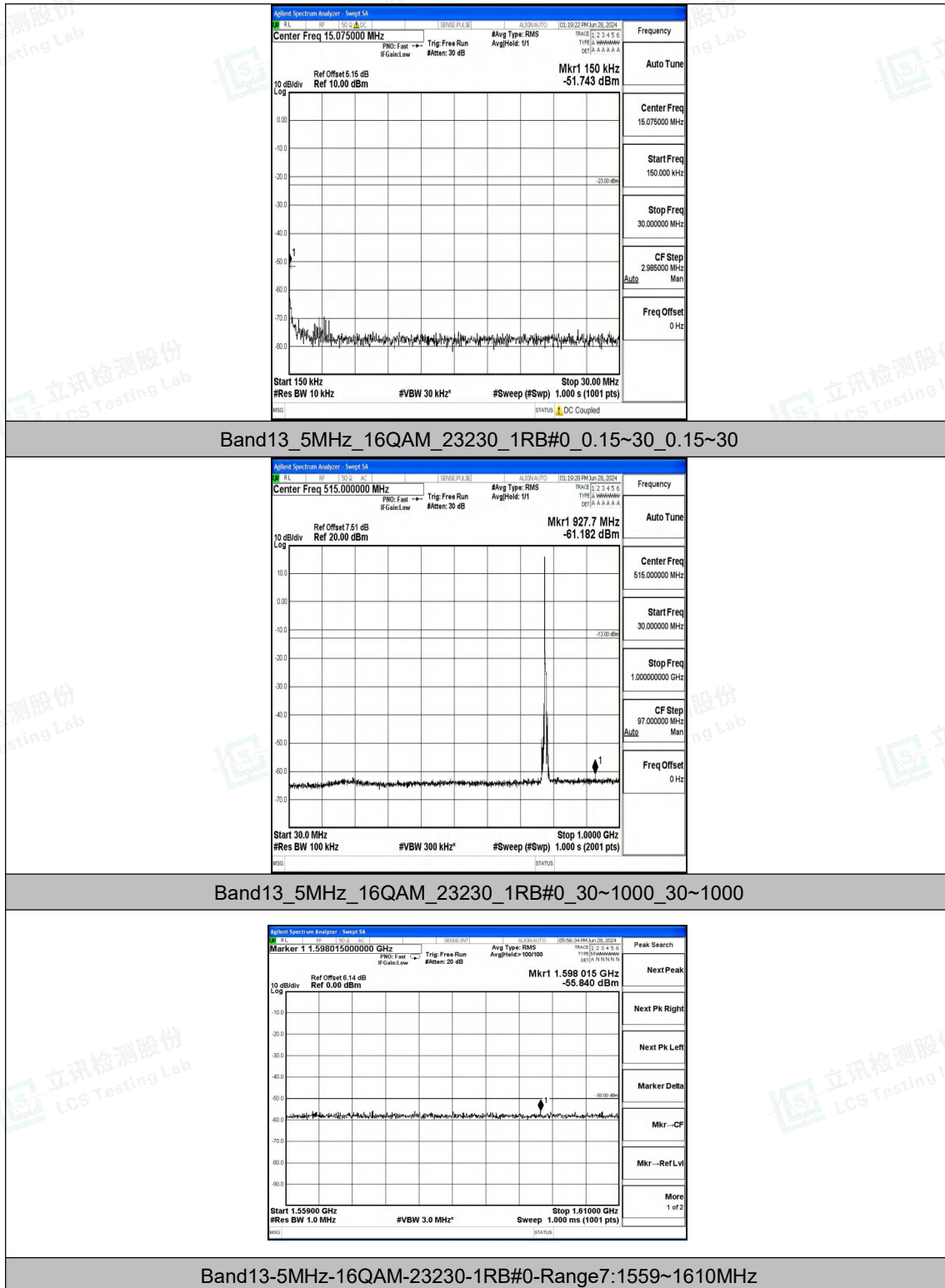


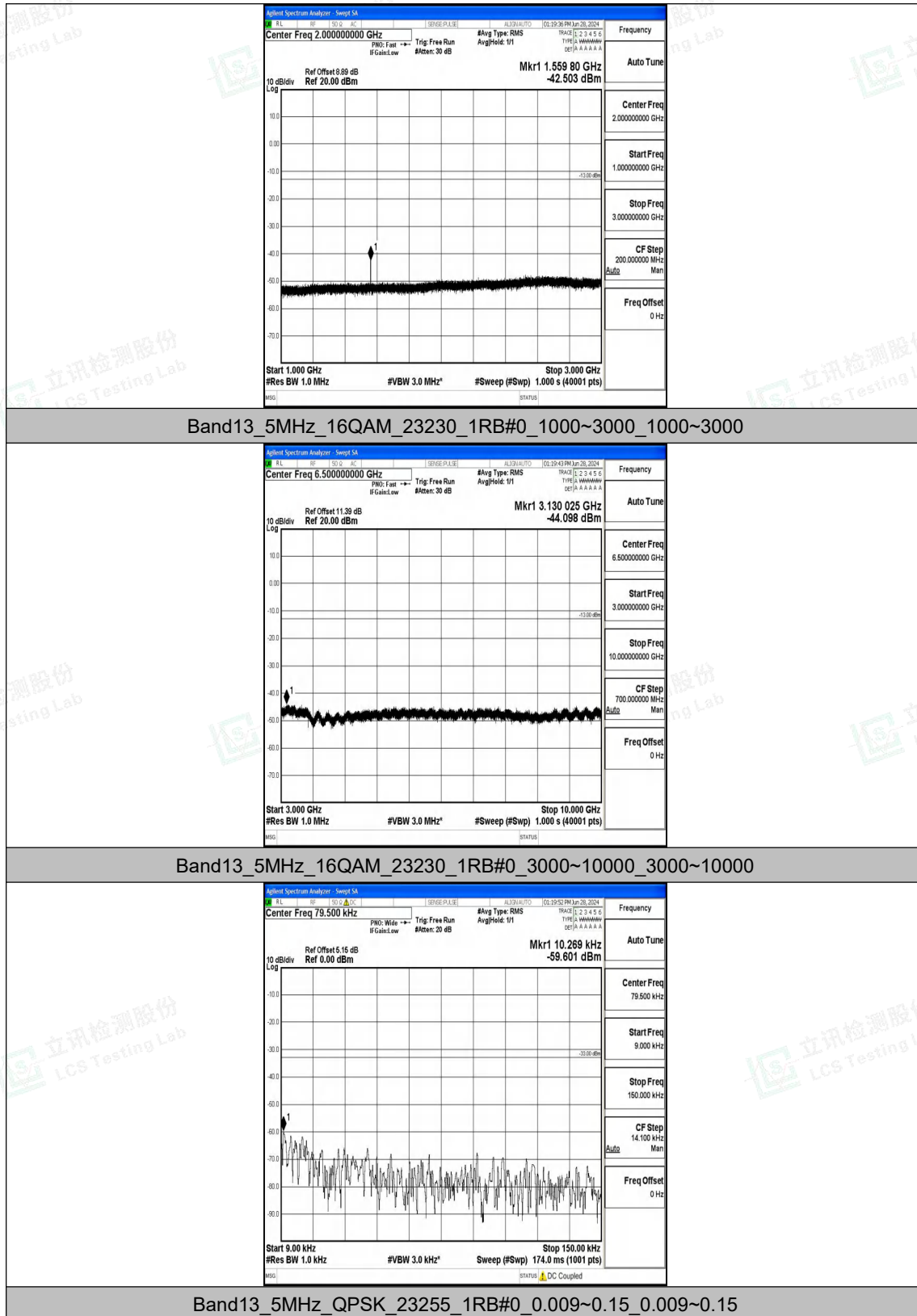
Shenzhen LCS Compliance Testing Laboratory Ltd.

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





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

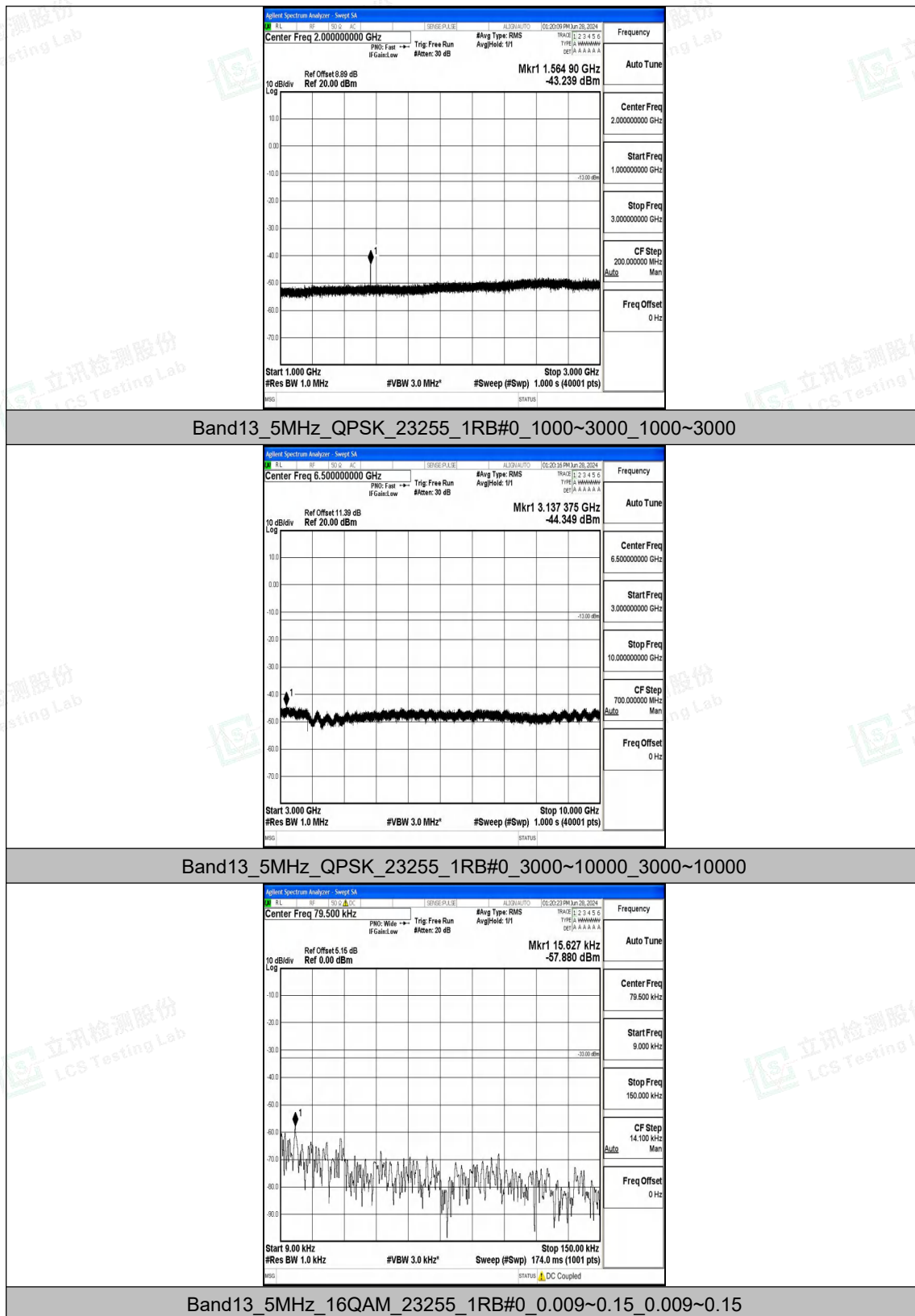


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

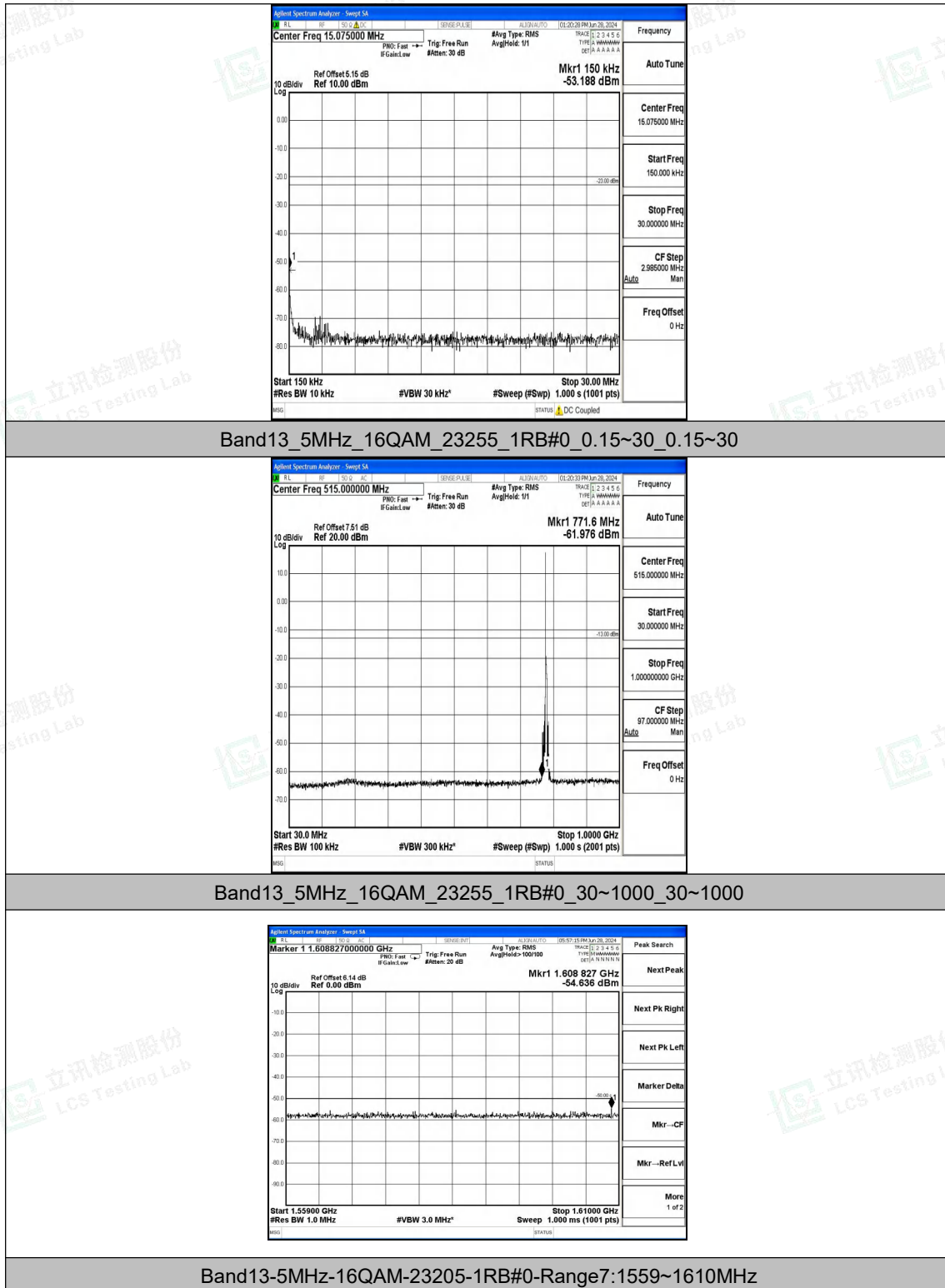


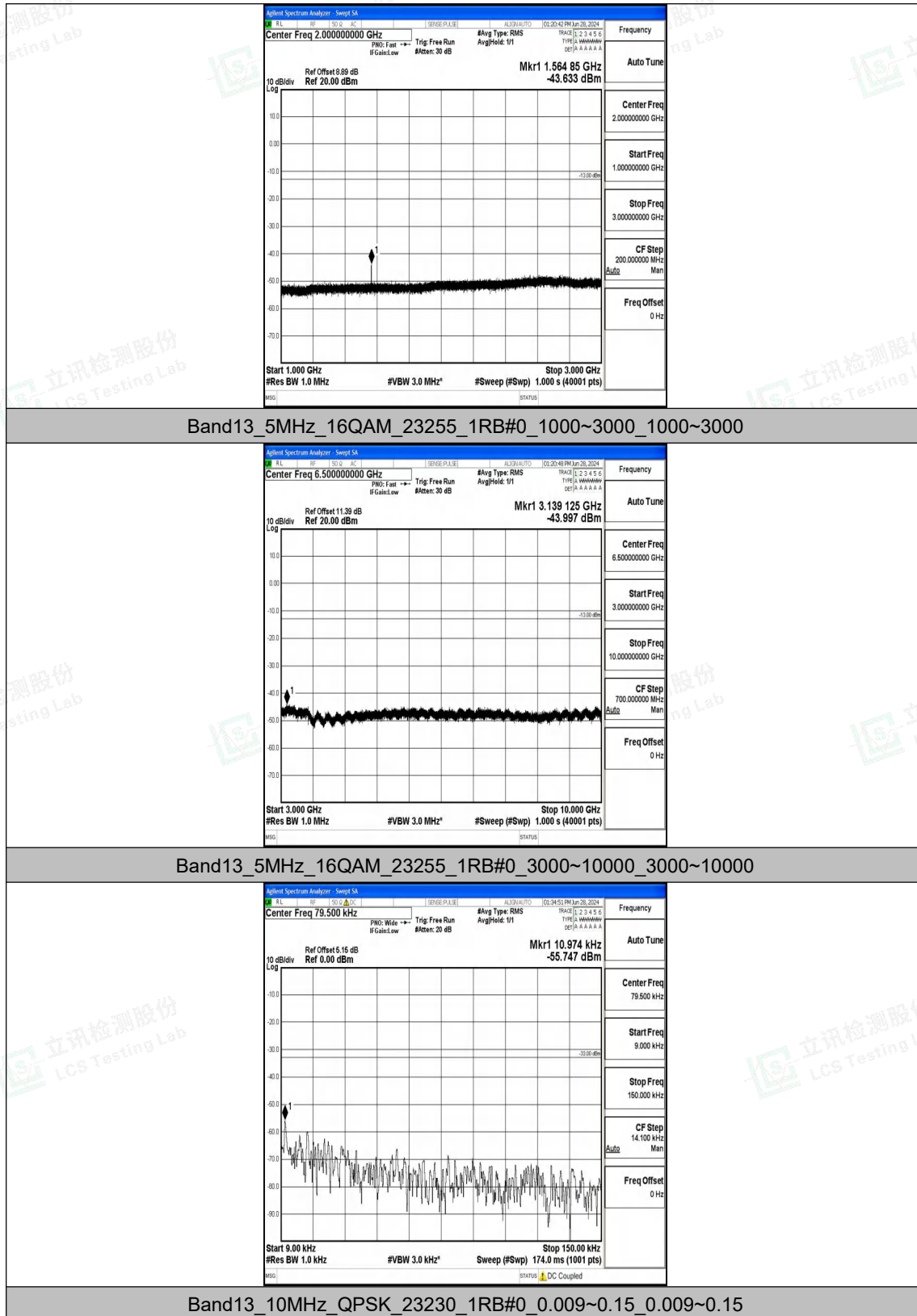
Shenzhen LCS Compliance Testing Laboratory Ltd.

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



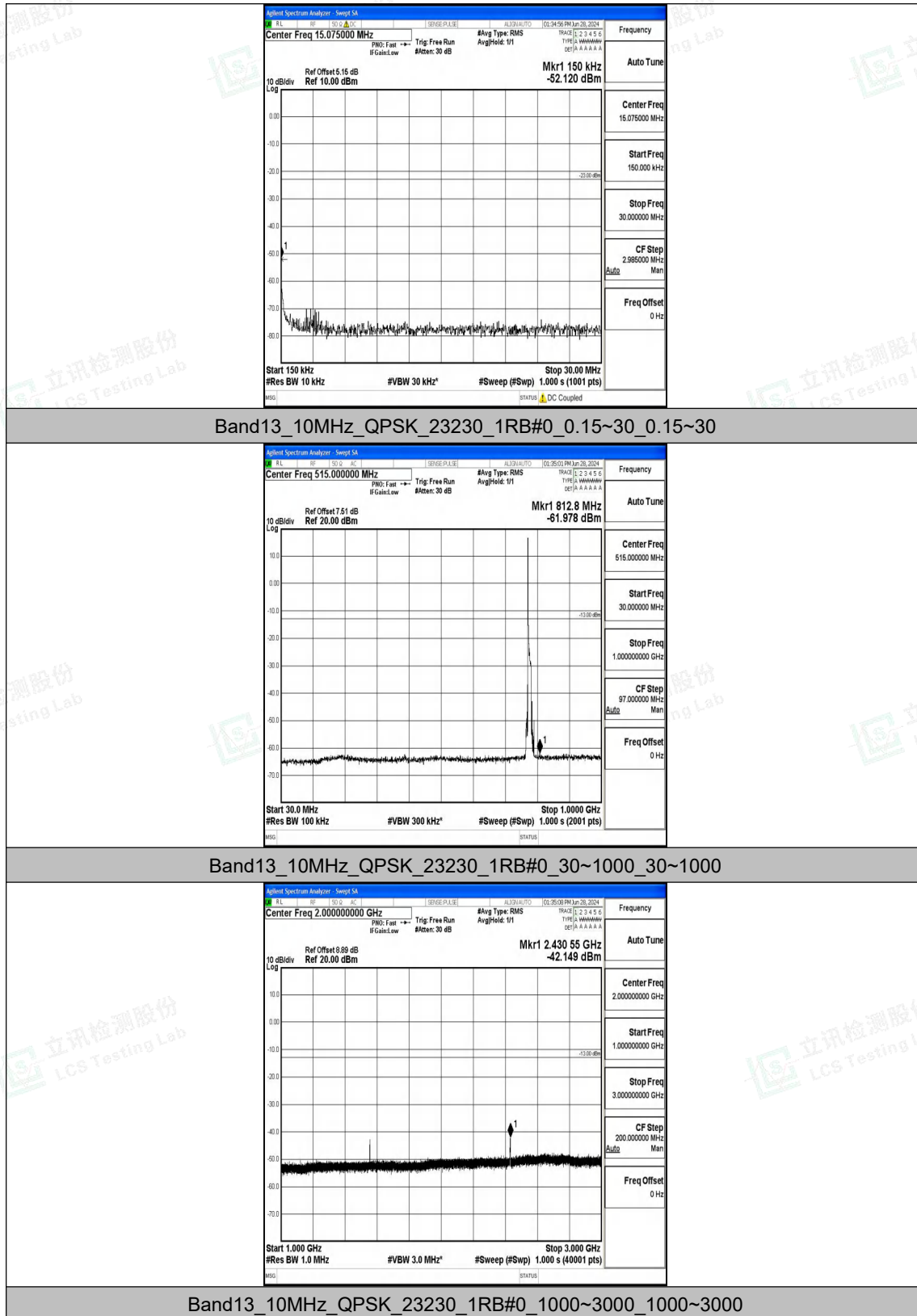


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

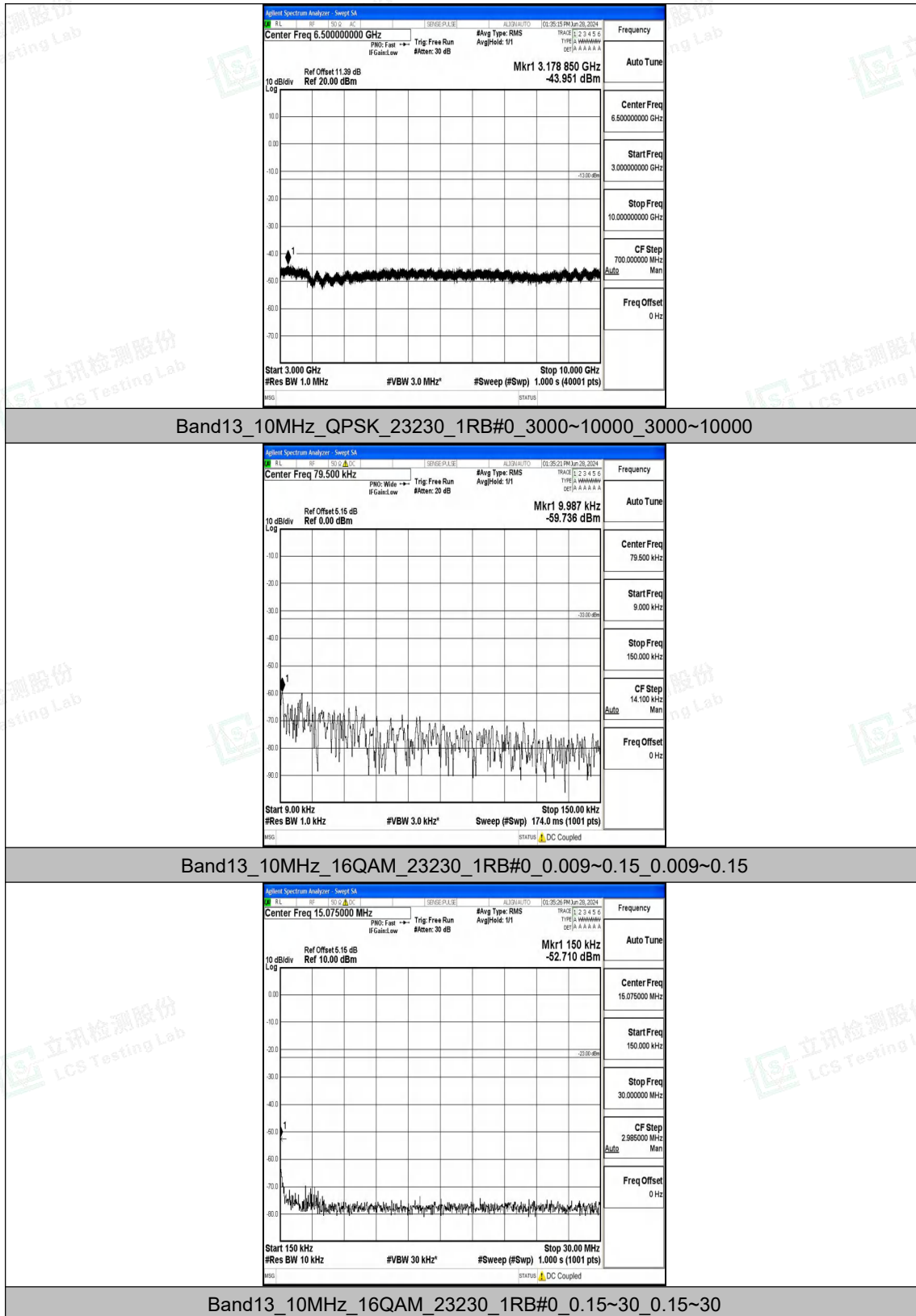


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

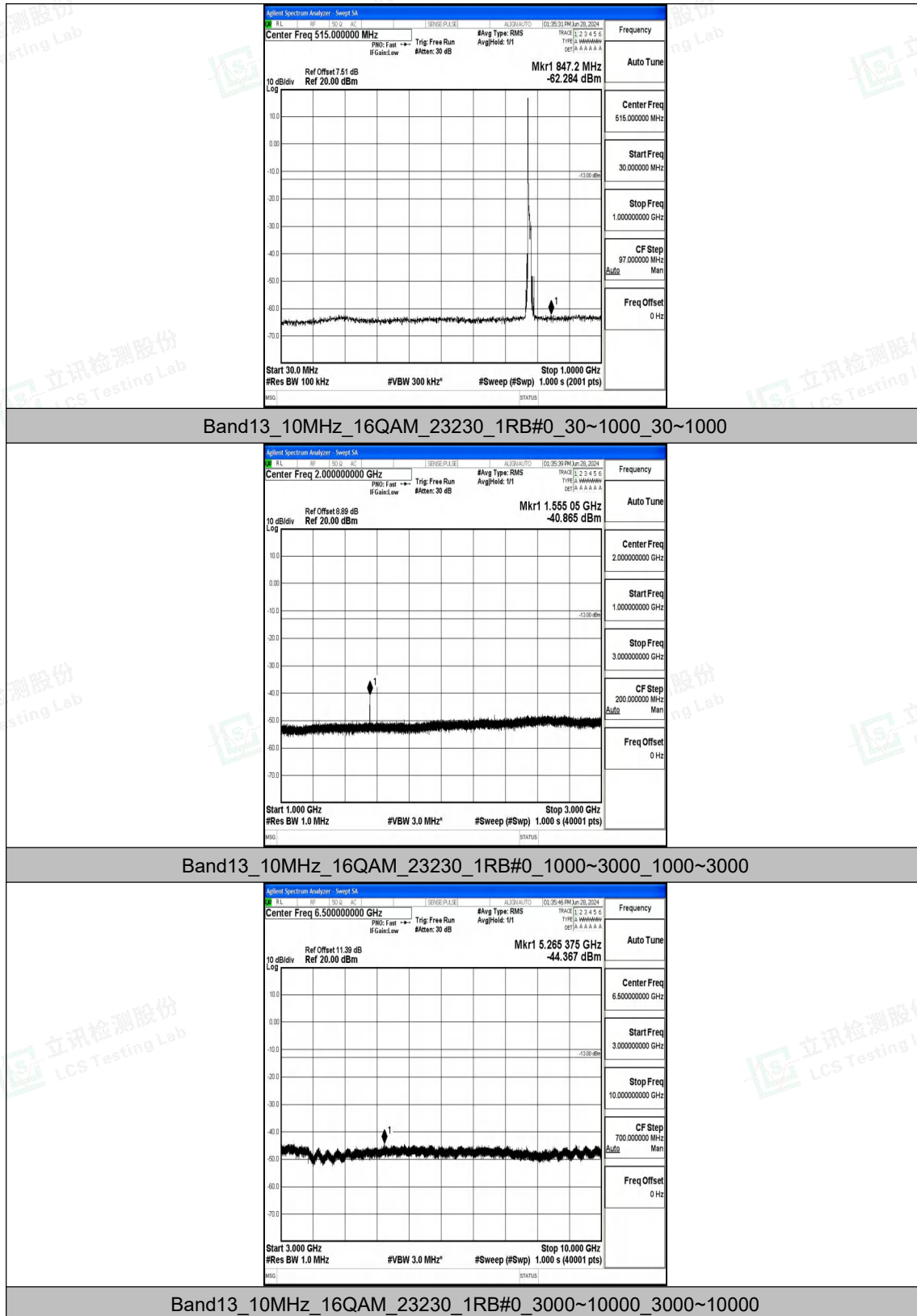


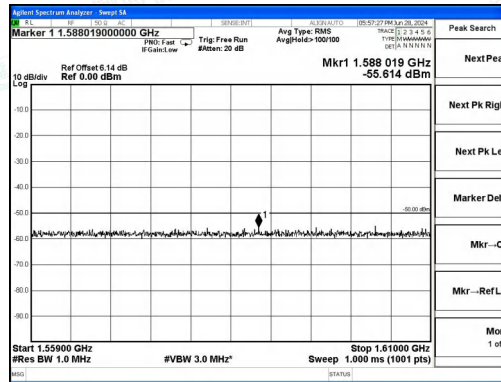
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

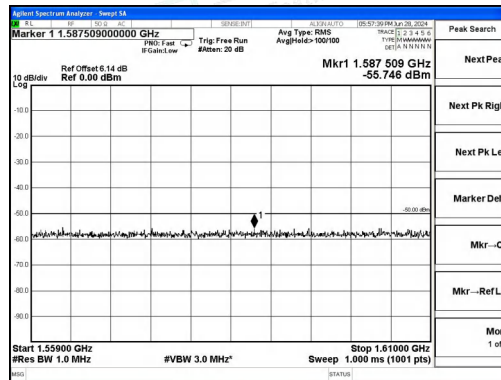
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity





Band13-10MHz-QPSK-23230-1RB#0-Range7:1559~1610MHz



Band13-10MHz-16QAM-23230-1RB#0-Range7:1559~1610MHz

