



Appendix J: Test Data for E-UTRA Band 13

Product Name: Android 13 Tablet 10.1

Test Model: G11

Environmental Conditions

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



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



J.1 Conducted power

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	23.59	PASS
Band13	5MHz	16QAM	23205	1RB#0	22.61	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.89	PASS
Band13	5MHz	16QAM	23205	1RB#12	22.85	PASS
Band13	5MHz	QPSK	23205	1RB#24	23.80	PASS
Band13	5MHz	16QAM	23205	1RB#24	22.82	PASS
Band13	5MHz	QPSK	23205	12RB#0	22.65	PASS
Band13	5MHz	16QAM	23205	12RB#0	21.61	PASS
Band13	5MHz	QPSK	23205	12RB#6	22.65	PASS
Band13	5MHz	16QAM	23205	12RB#6	21.61	PASS
Band13	5MHz	QPSK	23205	12RB#13	22.80	PASS
Band13	5MHz	16QAM	23205	12RB#13	21.80	PASS
Band13	5MHz	QPSK	23205	25RB#0	22.74	PASS
Band13	5MHz	16QAM	23205	25RB#0	21.78	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.77	PASS
Band13	5MHz	16QAM	23230	1RB#0	22.91	PASS
Band13	5MHz	QPSK	23230	1RB#12	24.00	PASS
Band13	5MHz	16QAM	23230	1RB#12	23.20	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.89	PASS
Band13	5MHz	16QAM	23230	1RB#24	23.08	PASS
Band13	5MHz	QPSK	23230	12RB#0	22.89	PASS
Band13	5MHz	16QAM	23230	12RB#0	21.92	PASS
Band13	5MHz	QPSK	23230	12RB#6	22.89	PASS
Band13	5MHz	16QAM	23230	12RB#6	21.92	PASS
Band13	5MHz	QPSK	23230	12RB#13	22.88	PASS
Band13	5MHz	16QAM	23230	12RB#13	21.95	PASS
Band13	5MHz	QPSK	23230	25RB#0	22.89	PASS
Band13	5MHz	16QAM	23230	25RB#0	21.85	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.91	PASS
Band13	5MHz	16QAM	23255	1RB#0	22.94	PASS
Band13	5MHz	QPSK	23255	1RB#12	24.10	PASS
Band13	5MHz	16QAM	23255	1RB#12	23.11	PASS
Band13	5MHz	QPSK	23255	1RB#24	23.94	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#24	23.00	PASS
Band13	5MHz	QPSK	23255	12RB#0	23.02	PASS
Band13	5MHz	16QAM	23255	12RB#0	22.06	PASS
Band13	5MHz	QPSK	23255	12RB#6	22.97	PASS
Band13	5MHz	16QAM	23255	12RB#6	22.07	PASS
Band13	5MHz	QPSK	23255	12RB#13	23.02	PASS
Band13	5MHz	16QAM	23255	12RB#13	22.01	PASS
Band13	5MHz	QPSK	23255	25RB#0	23.01	PASS
Band13	5MHz	16QAM	23255	25RB#0	22.10	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.64	PASS
Band13	10MHz	16QAM	23230	1RB#0	22.83	PASS
Band13	10MHz	QPSK	23230	1RB#24	24.04	PASS
Band13	10MHz	16QAM	23230	1RB#24	23.16	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.93	PASS
Band13	10MHz	16QAM	23230	1RB#49	23.09	PASS
Band13	10MHz	QPSK	23230	25RB#0	22.88	PASS
Band13	10MHz	16QAM	23230	25RB#0	21.85	PASS
Band13	10MHz	QPSK	23230	25RB#12	22.88	PASS
Band13	10MHz	16QAM	23230	25RB#12	21.86	PASS
Band13	10MHz	QPSK	23230	25RB#25	22.96	PASS
Band13	10MHz	16QAM	23230	25RB#25	22.03	PASS
Band13	10MHz	QPSK	23230	50RB#0	22.87	PASS
Band13	10MHz	16QAM	23230	50RB#0	21.90	PASS





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

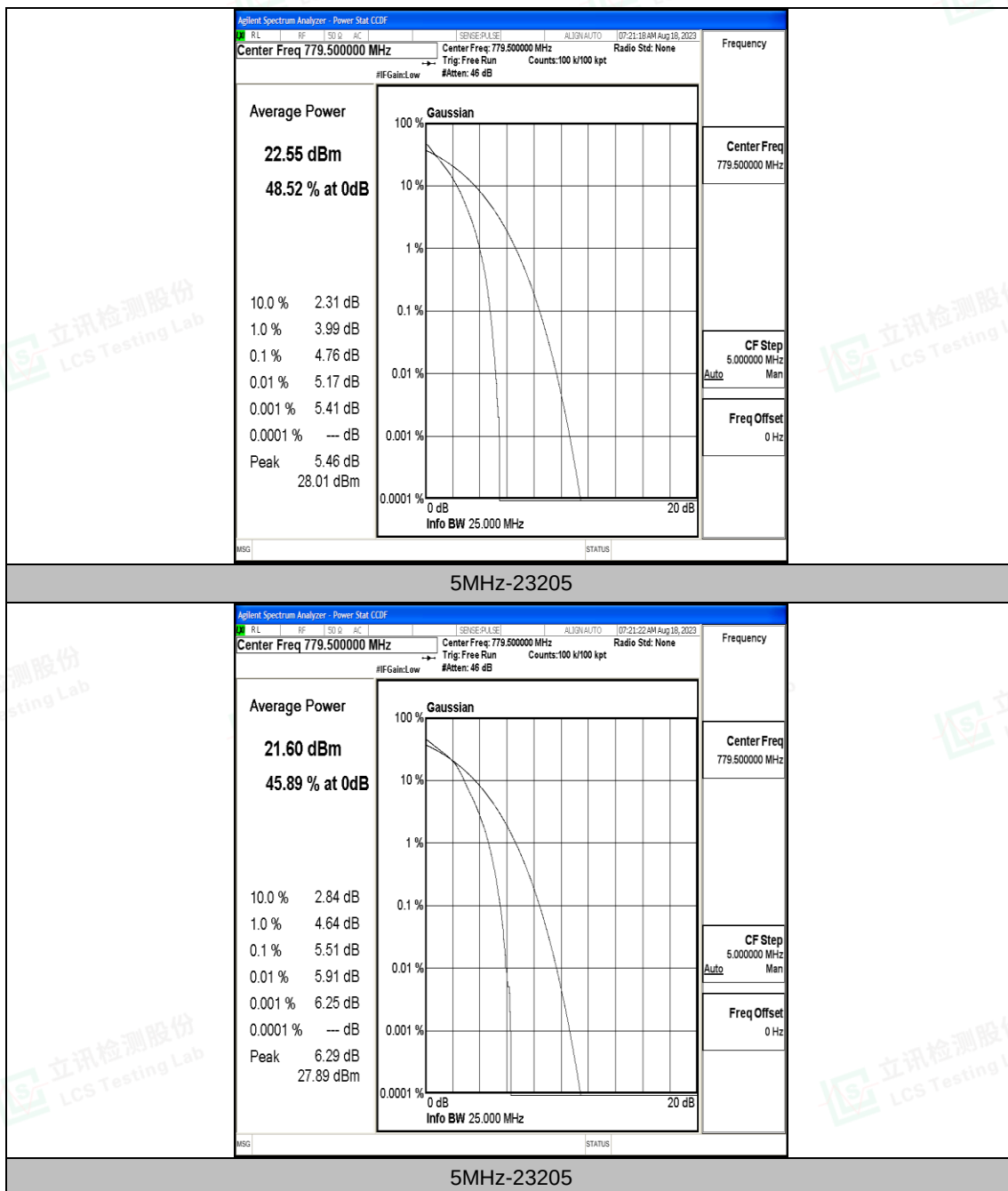
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.76	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	5.51	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.13	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	5.84	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.34	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	6.16	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.01	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	5.76	13	PASS





Test Graphs

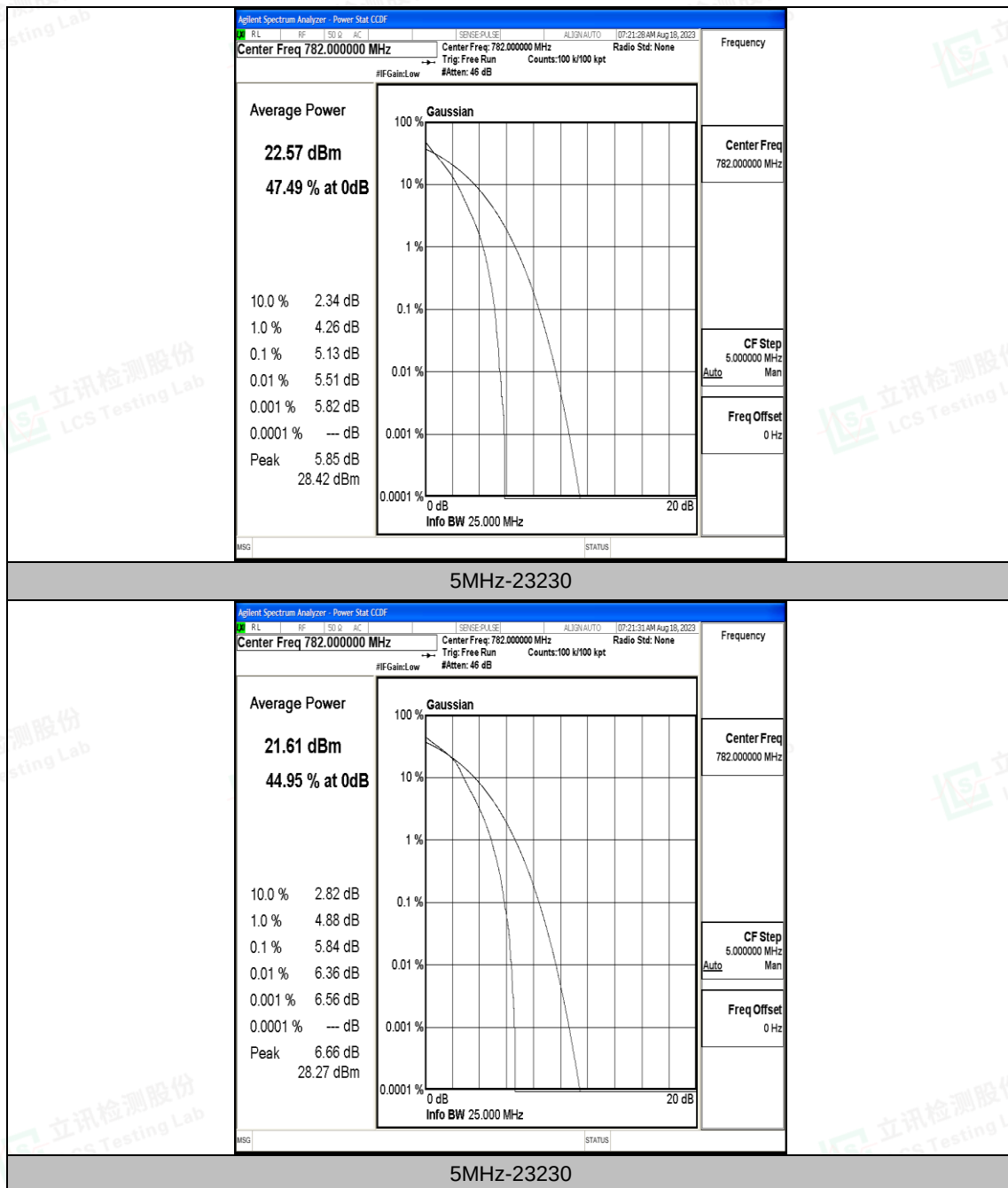


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

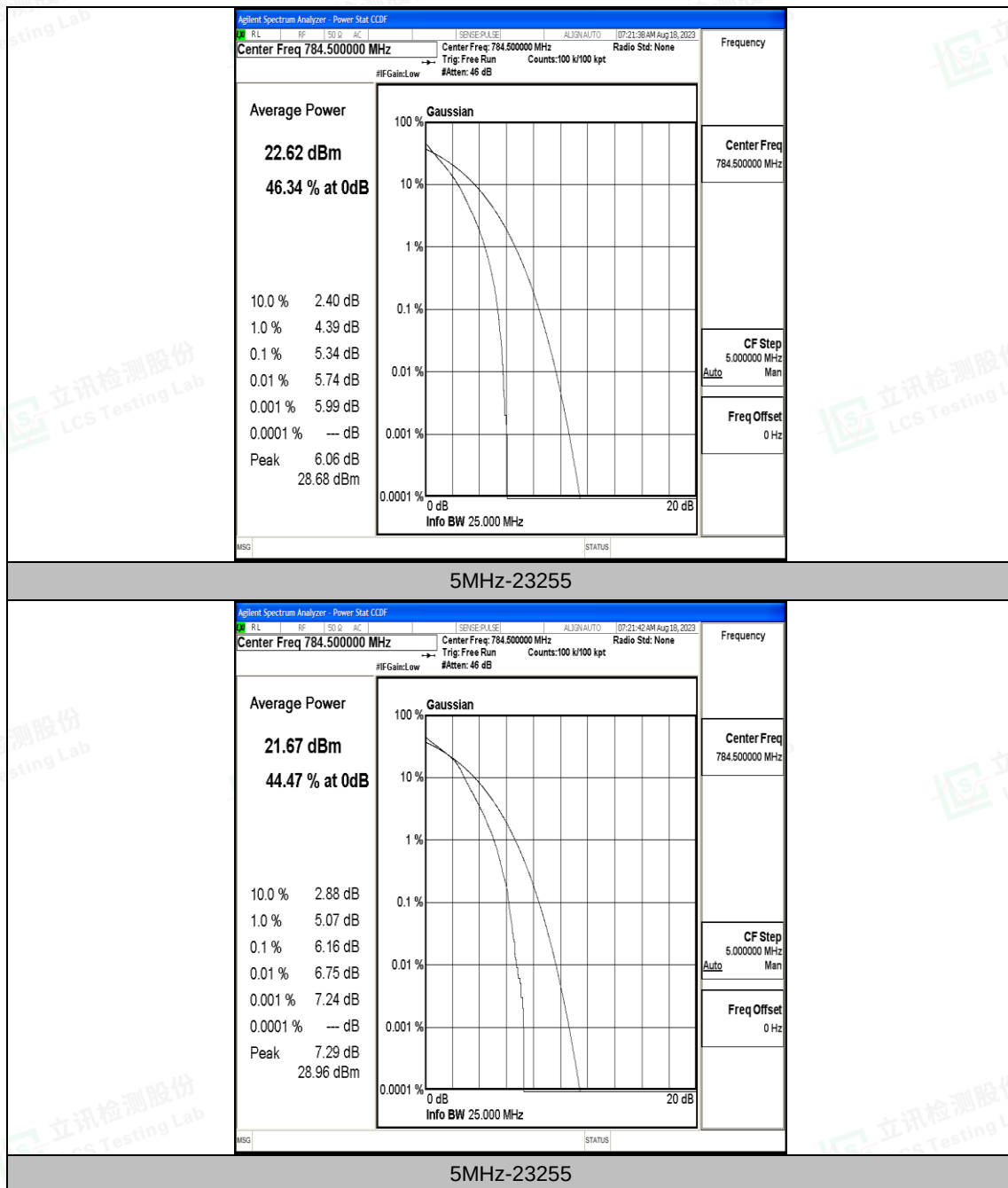


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

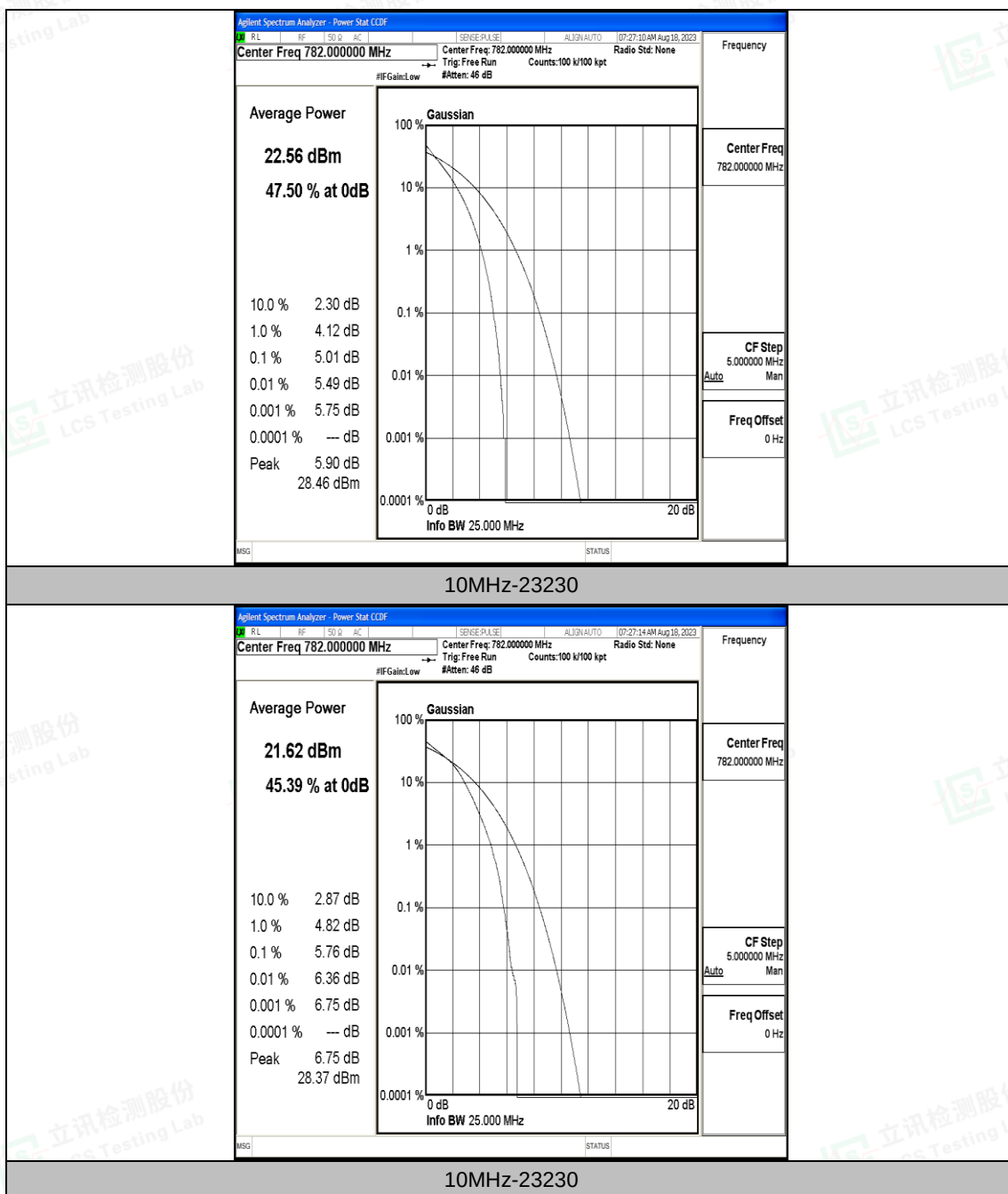


Shenzhen LCS Compliance Testing Laboratory Ltd.

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



J.3 26dB Bandwidth and Occupied Bandwidth

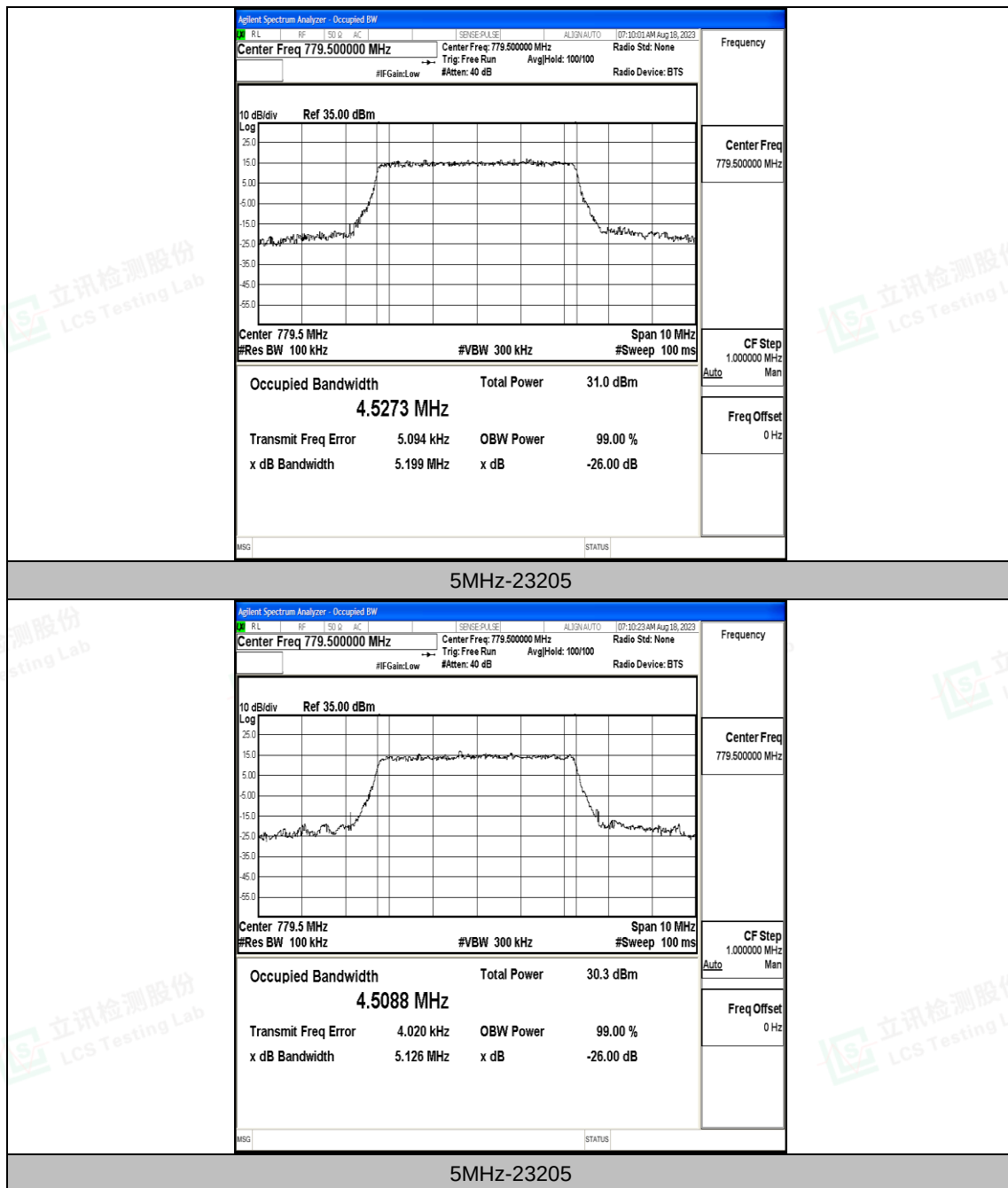
Test Result

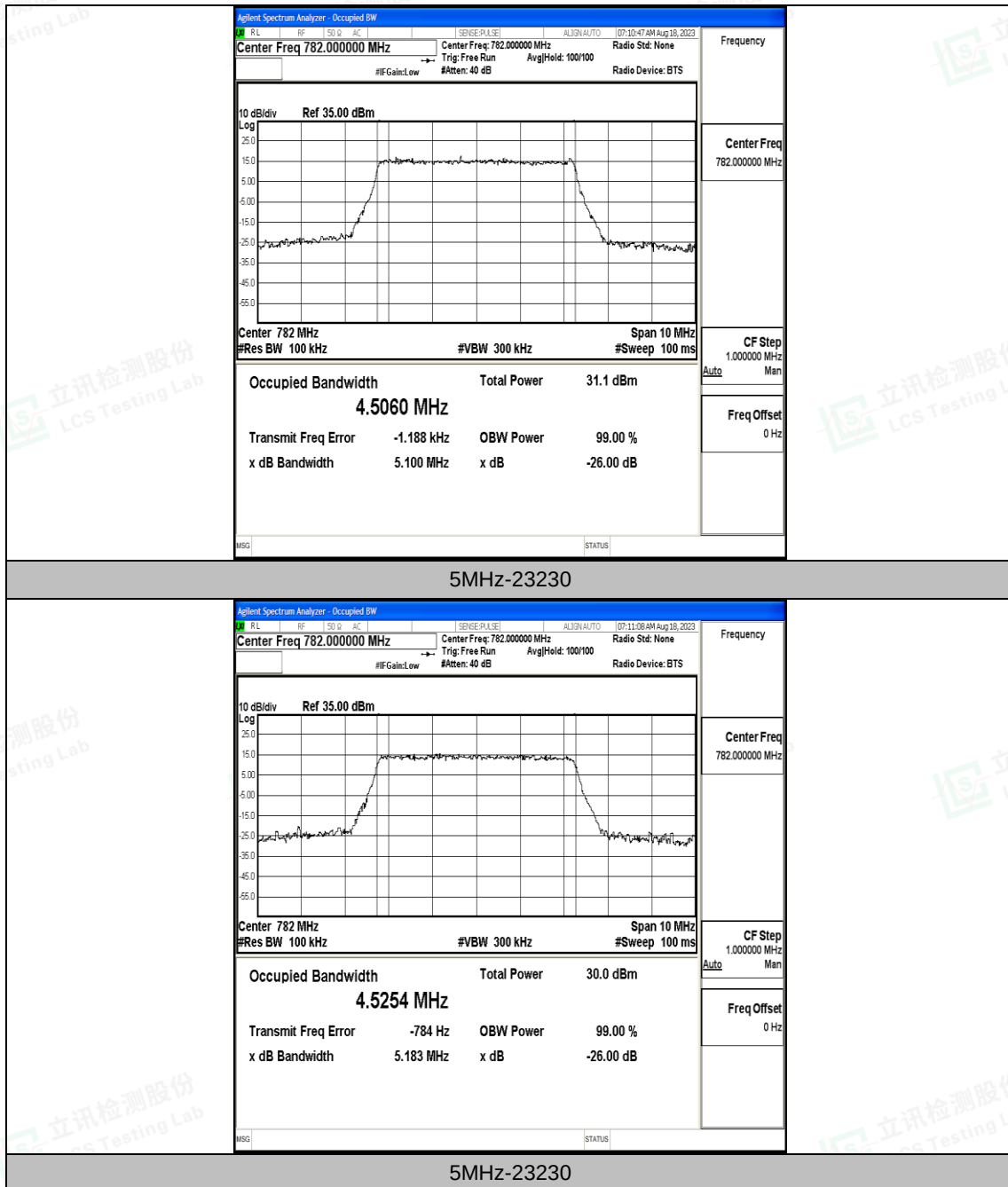
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.5273	5.199	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.5088	5.126	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.5060	5.100	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5254	5.183	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.5204	5.164	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.5343	5.173	PASS
Band13	10MHz	QPSK	23230	50RB#0	9.0142	10.23	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9772	10.38	PASS





Test Graphs



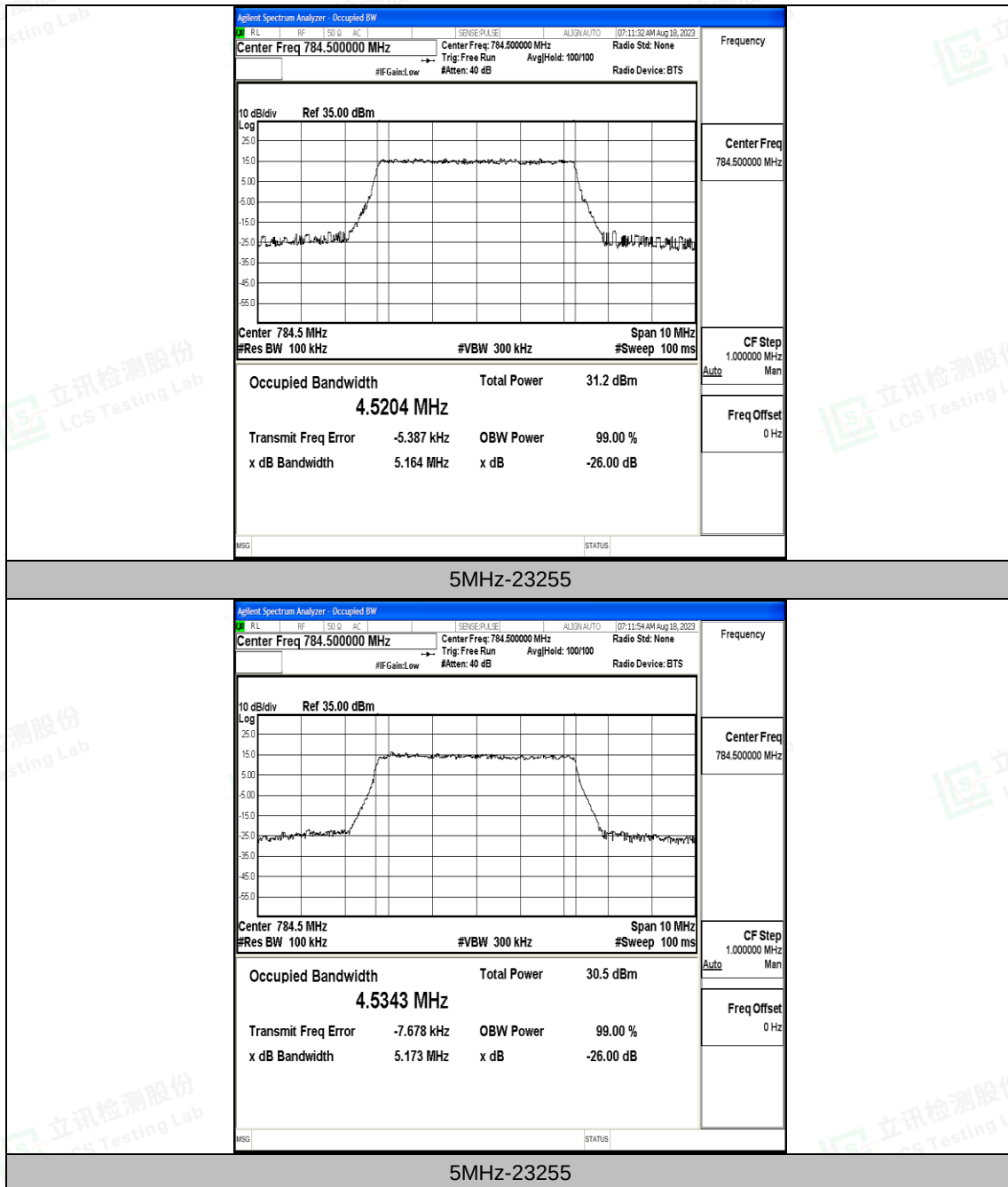


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

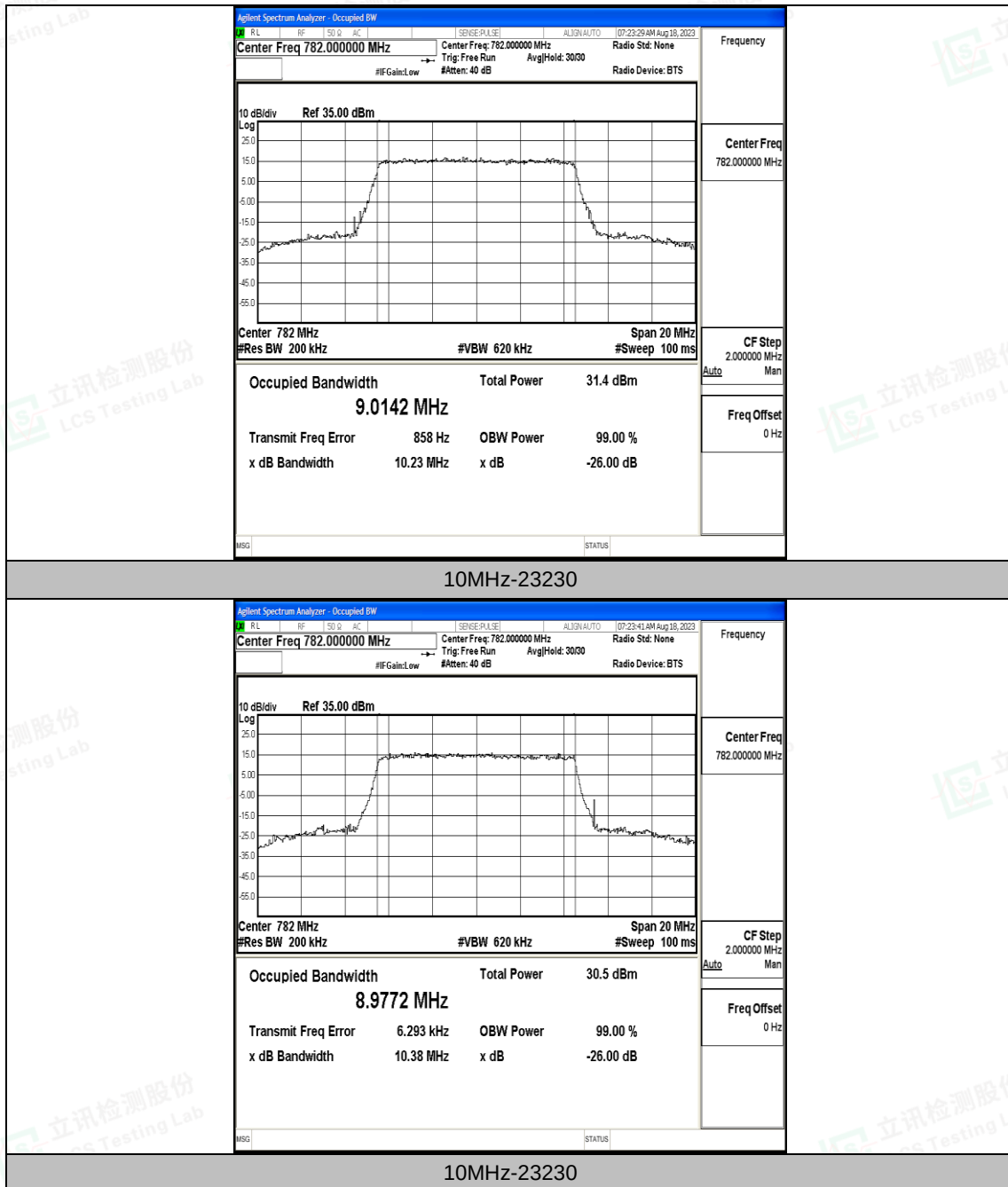


Shenzhen LCS Compliance Testing Laboratory Ltd.

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



J.4 Band Edge

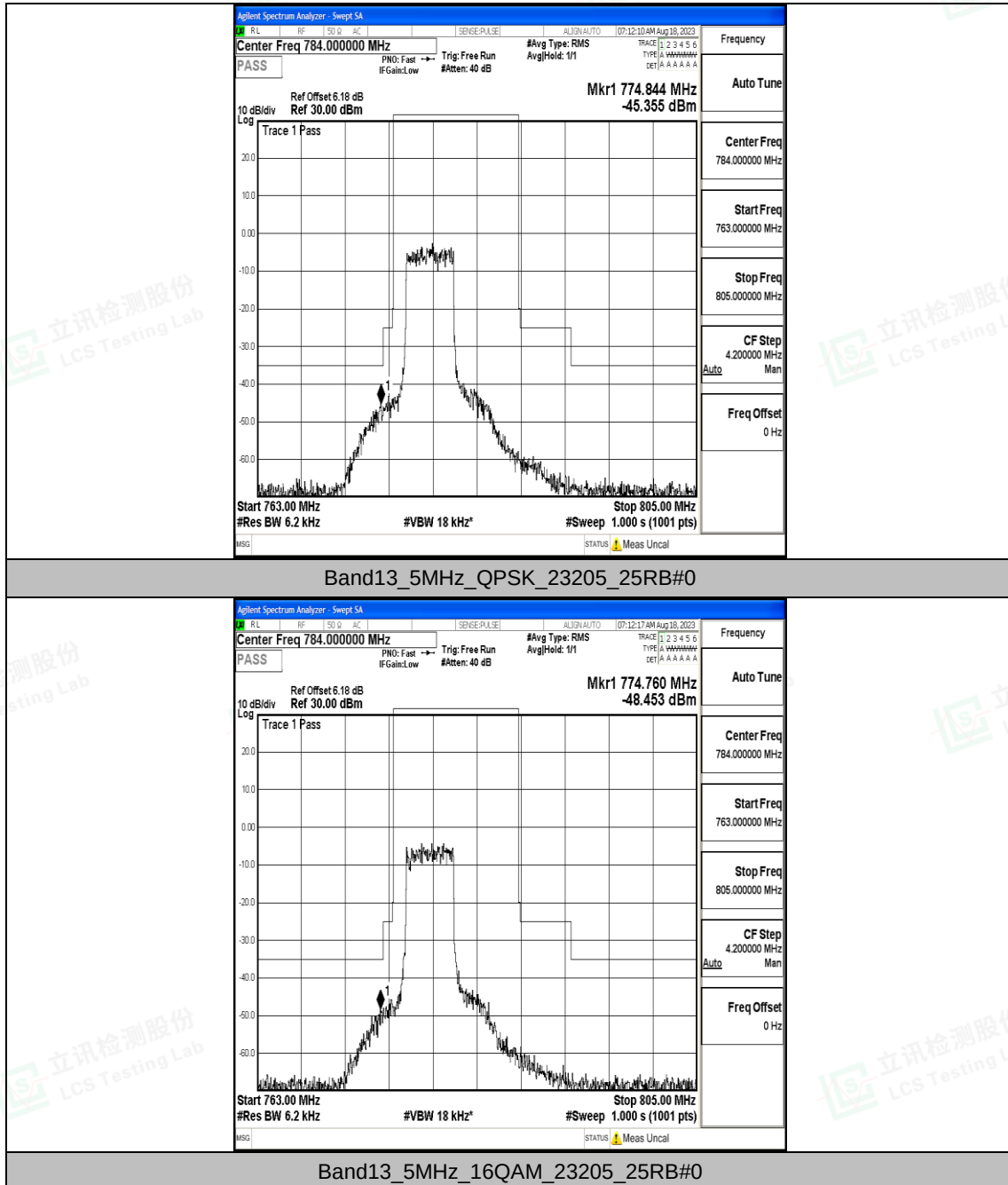
Test Result

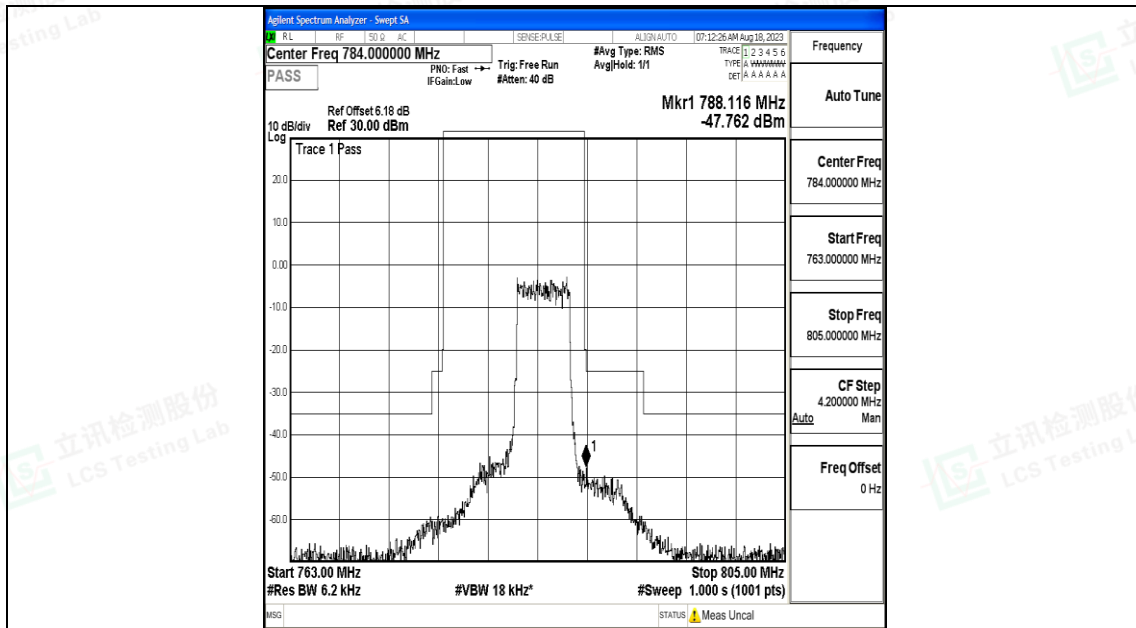
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	774.84	-45.36	PASS
Band13	5MHz	16QAM	23205	25RB#0	774.76	-48.45	PASS
Band13	5MHz	QPSK	23255	25RB#0	788.12	-47.76	PASS
Band13	5MHz	16QAM	23255	25RB#0	788.12	-49.85	PASS
Band13	10MHz	QPSK	23230	50RB#0	774.21	-47.42	PASS
Band13	10MHz	16QAM	23230	50RB#0	774.89	-49.04	PASS



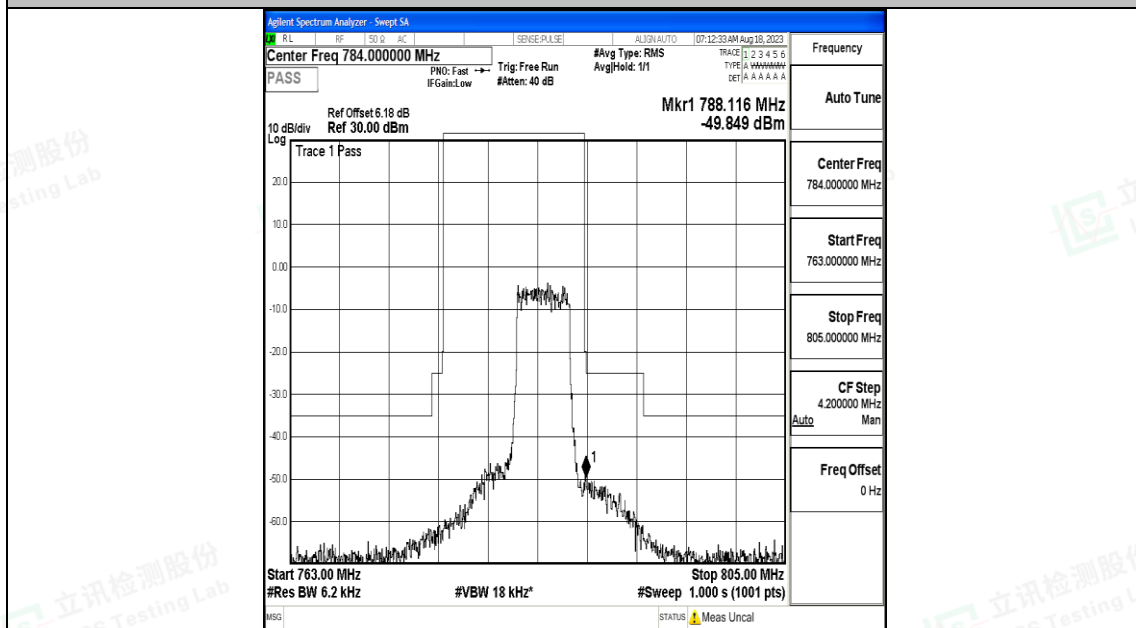


Test Graphs





Band13_5MHz_QPSK_23255_25RB#0



Band13_5MHz_16QAM_23255_25RB#0

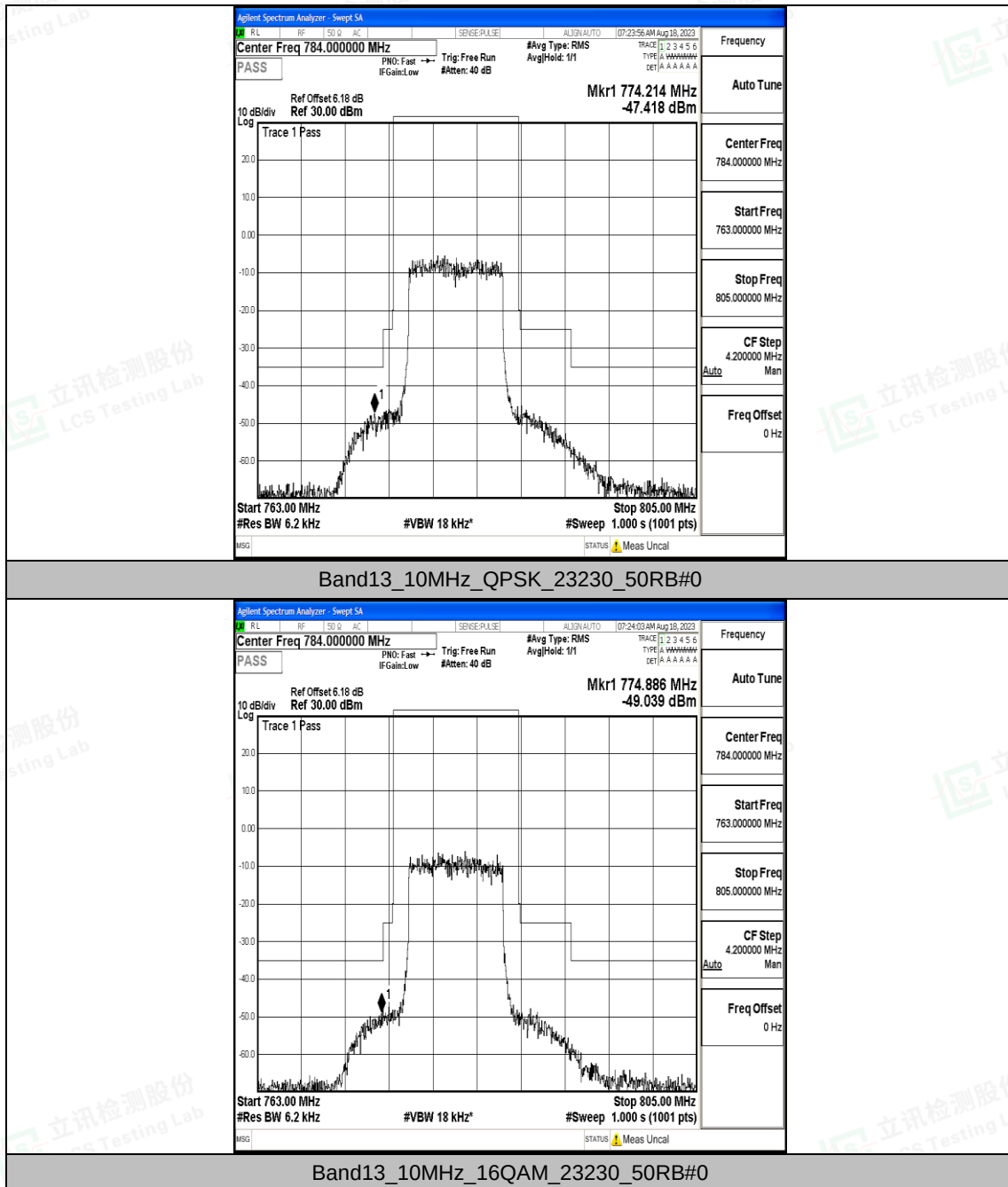


Shenzhen LCS Compliance Testing Laboratory Ltd.

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





J.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	-55.83	PASS
Band13	5MHz	QPSK	23205	1RB#0	0.15~30	-51.67	PASS
Band13	5MHz	QPSK	23205	1RB#0	30~1000	-63.38	PASS
Band13	5MHz	QPSK	23205	1RB#0	1000~3000	-42.39	PASS
Band13	5MHz	QPSK	23205	1RB#0	3000~10000	-44.40	PASS
Band13	5MHz	16QAM	23205	1RB#0	0.009~0.15	-55.69	PASS
Band13	5MHz	16QAM	23205	1RB#0	0.15~30	-54.13	PASS
Band13	5MHz	16QAM	23205	1RB#0	30~1000	-63.41	PASS
Band13	5MHz	16QAM	23205	1RB#0	1000~3000	-43.39	PASS
Band13	5MHz	16QAM	23205	1RB#0	3000~10000	-44.38	PASS
Band13	5MHz	QPSK	23230	1RB#0	0.009~0.15	-53.94	PASS
Band13	5MHz	QPSK	23230	1RB#0	0.15~30	-54.11	PASS
Band13	5MHz	QPSK	23230	1RB#0	30~1000	-63.37	PASS
Band13	5MHz	QPSK	23230	1RB#0	1000~3000	-41.99	PASS
Band13	5MHz	QPSK	23230	1RB#0	3000~10000	-43.97	PASS
Band13	5MHz	16QAM	23230	1RB#0	0.009~0.15	-56.19	PASS
Band13	5MHz	16QAM	23230	1RB#0	0.15~30	-53.92	PASS
Band13	5MHz	16QAM	23230	1RB#0	30~1000	-63.76	PASS
Band13	5MHz	16QAM	23230	1RB#0	1000~3000	-42.30	PASS
Band13	5MHz	16QAM	23230	1RB#0	3000~10000	-43.98	PASS
Band13	5MHz	QPSK	23255	1RB#0	0.009~0.15	-51.42	PASS
Band13	5MHz	QPSK	23255	1RB#0	0.15~30	-55.08	PASS
Band13	5MHz	QPSK	23255	1RB#0	30~1000	-63.72	PASS
Band13	5MHz	QPSK	23255	1RB#0	1000~3000	-41.86	PASS
Band13	5MHz	QPSK	23255	1RB#0	3000~10000	-43.36	PASS
Band13	5MHz	16QAM	23255	1RB#0	0.009~0.15	-52.48	PASS
Band13	5MHz	16QAM	23255	1RB#0	0.15~30	-55.33	PASS
Band13	5MHz	16QAM	23255	1RB#0	30~1000	-63.32	PASS
Band13	5MHz	16QAM	23255	1RB#0	1000~3000	-42.50	PASS
Band13	5MHz	16QAM	23255	1RB#0	3000~10000	-43.86	PASS
Band13	10MHz	QPSK	23230	1RB#0	0.009~0.15	-54.22	PASS
Band13	10MHz	QPSK	23230	1RB#0	0.15~30	-53.04	PASS
Band13	10MHz	QPSK	23230	1RB#0	30~1000	-63.50	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

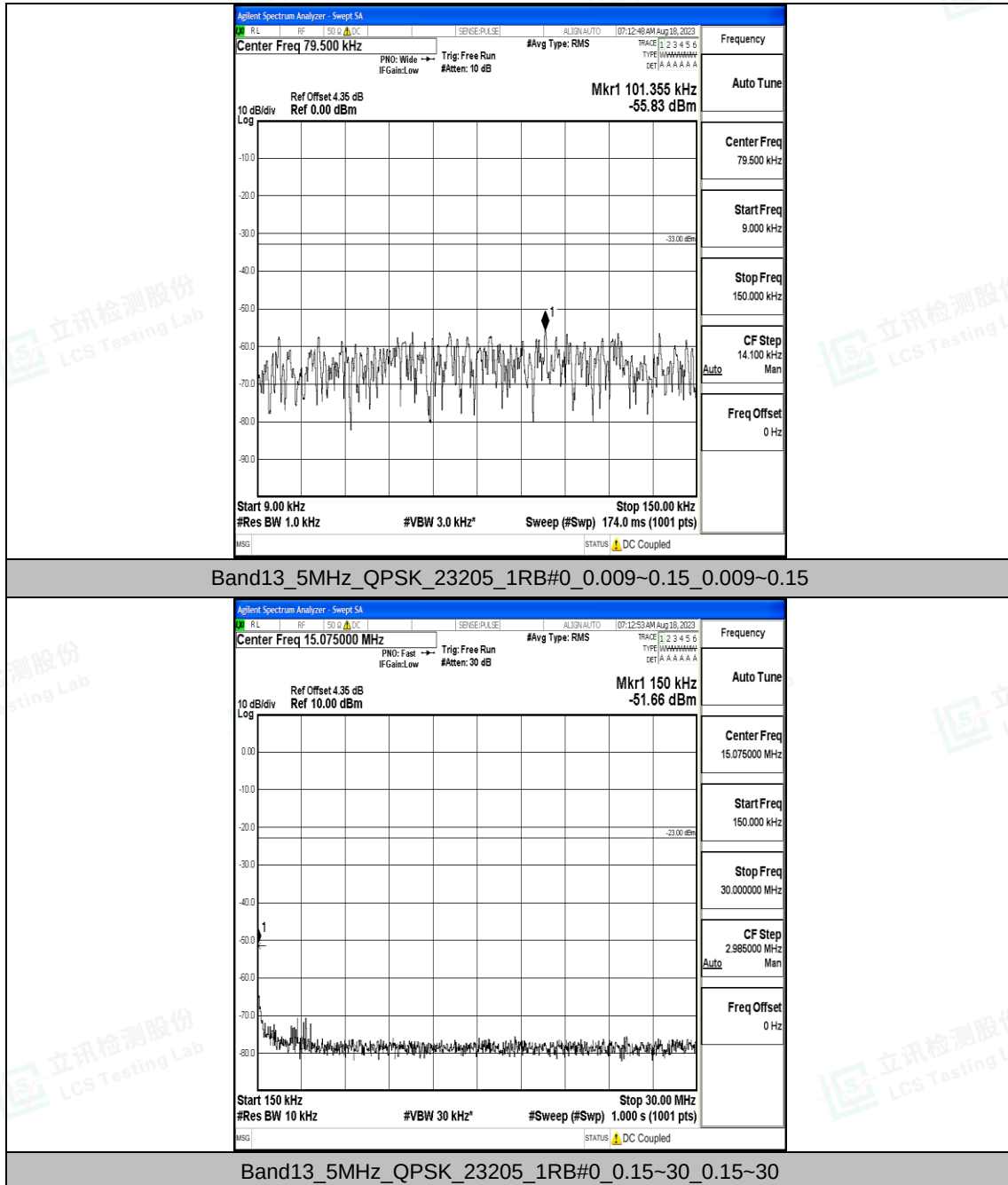


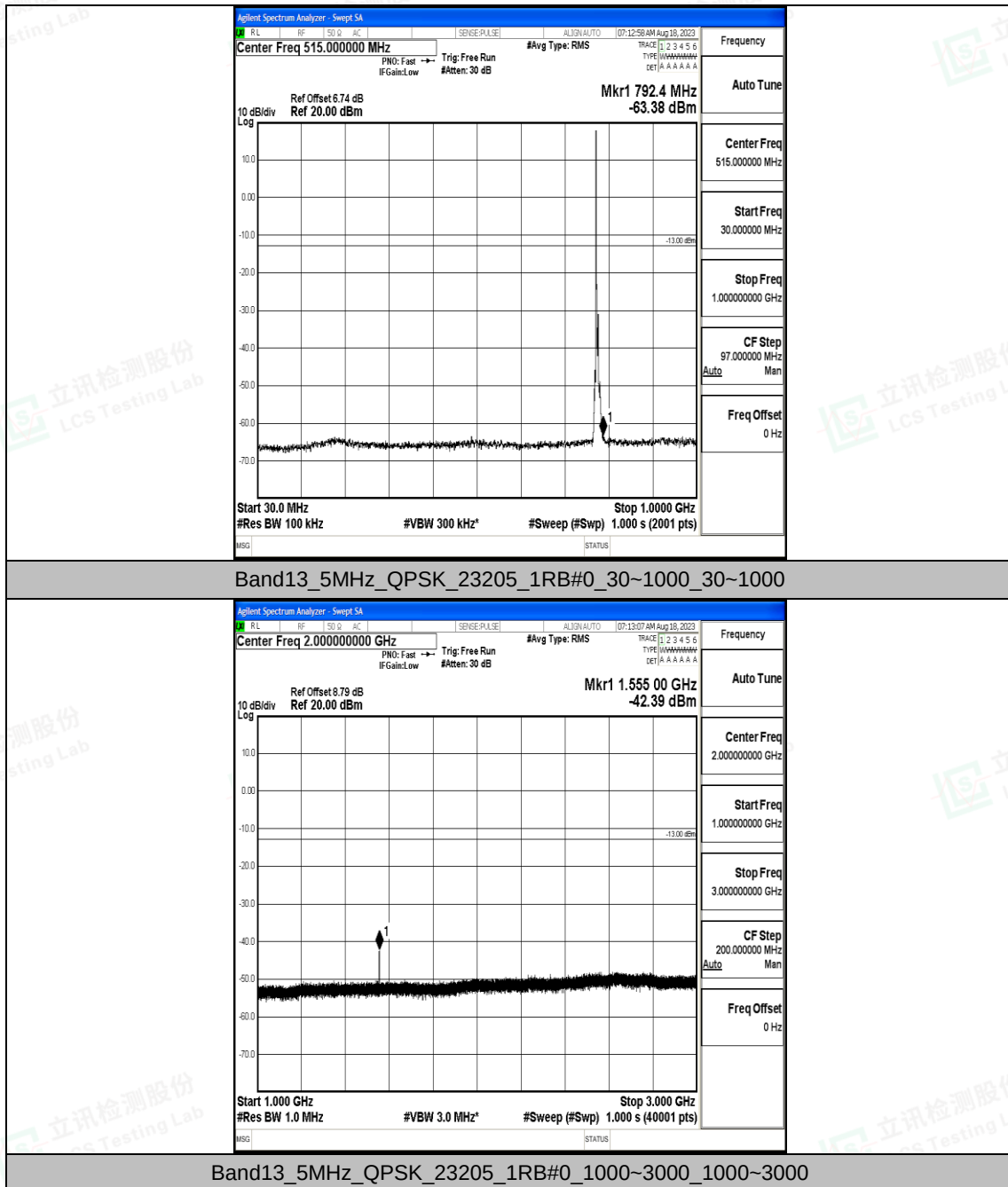
Band13	10MHz	QPSK	23230	1RB#0	1000~3000	-41.57	PASS
Band13	10MHz	QPSK	23230	1RB#0	3000~10000	-44.36	PASS
Band13	10MHz	16QAM	23230	1RB#0	0.009~0.15	-54.06	PASS
Band13	10MHz	16QAM	23230	1RB#0	0.15~30	-53.55	PASS
Band13	10MHz	16QAM	23230	1RB#0	30~1000	-63.60	PASS
Band13	10MHz	16QAM	23230	1RB#0	1000~3000	-40.90	PASS
Band13	10MHz	16QAM	23230	1RB#0	3000~10000	-44.48	PASS

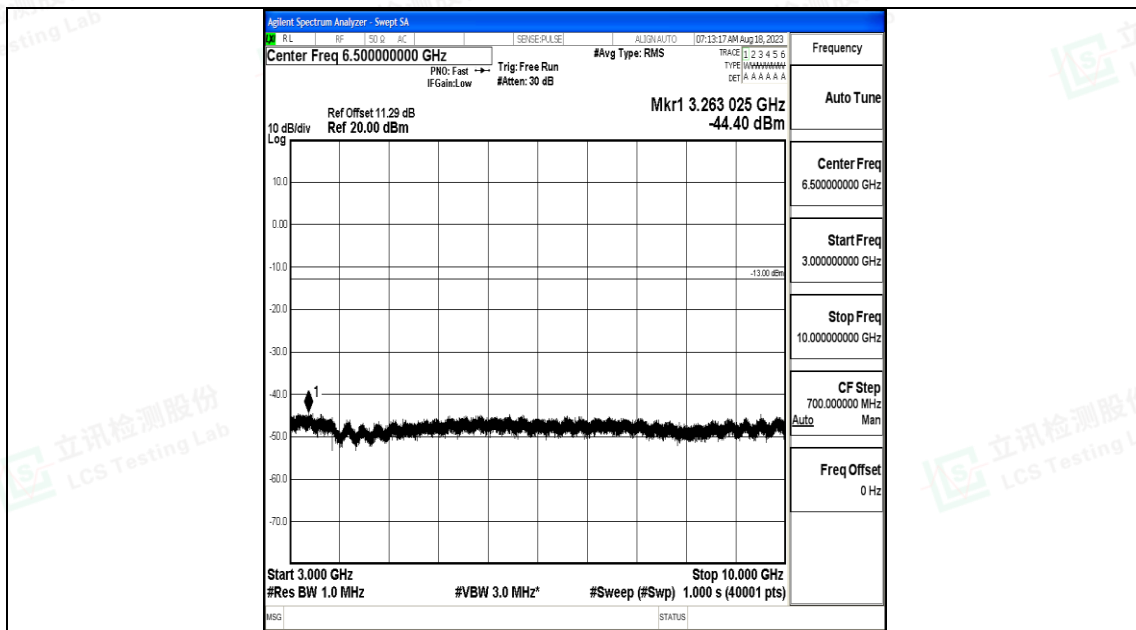




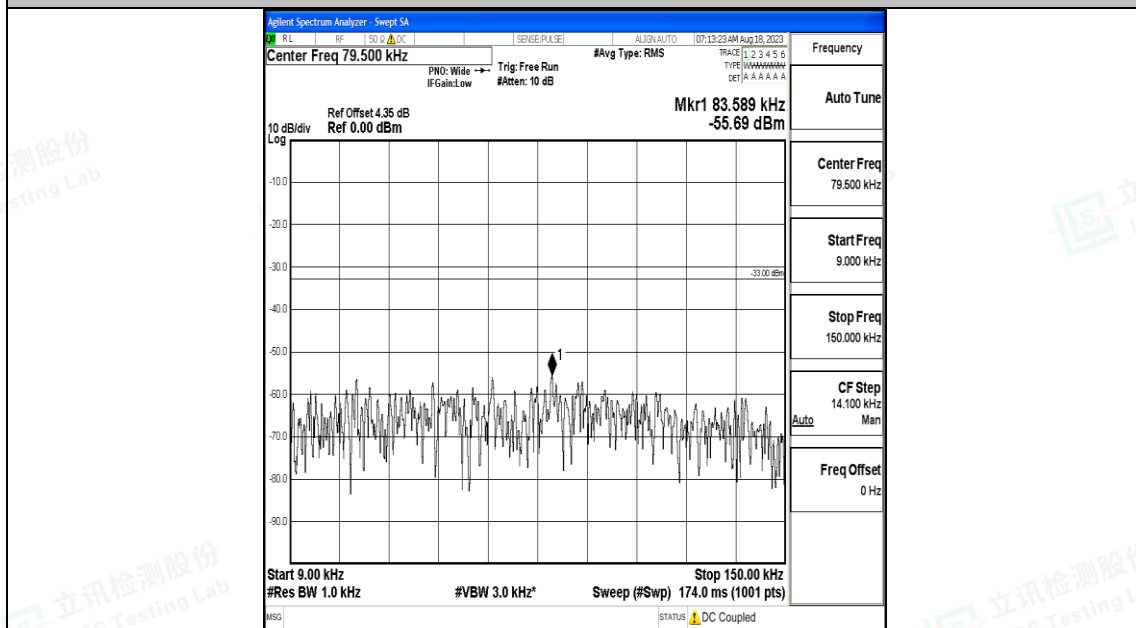
Test Graphs





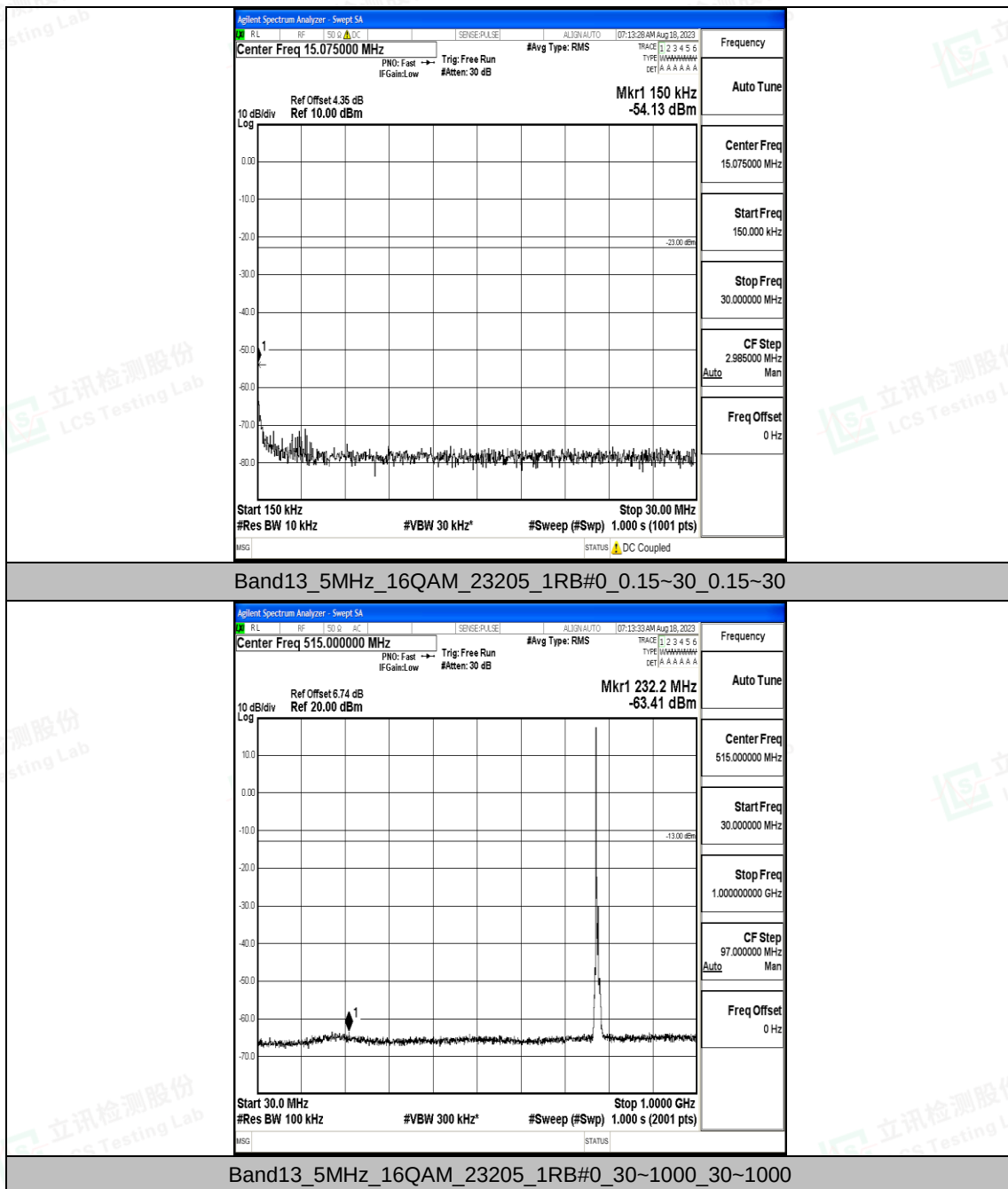


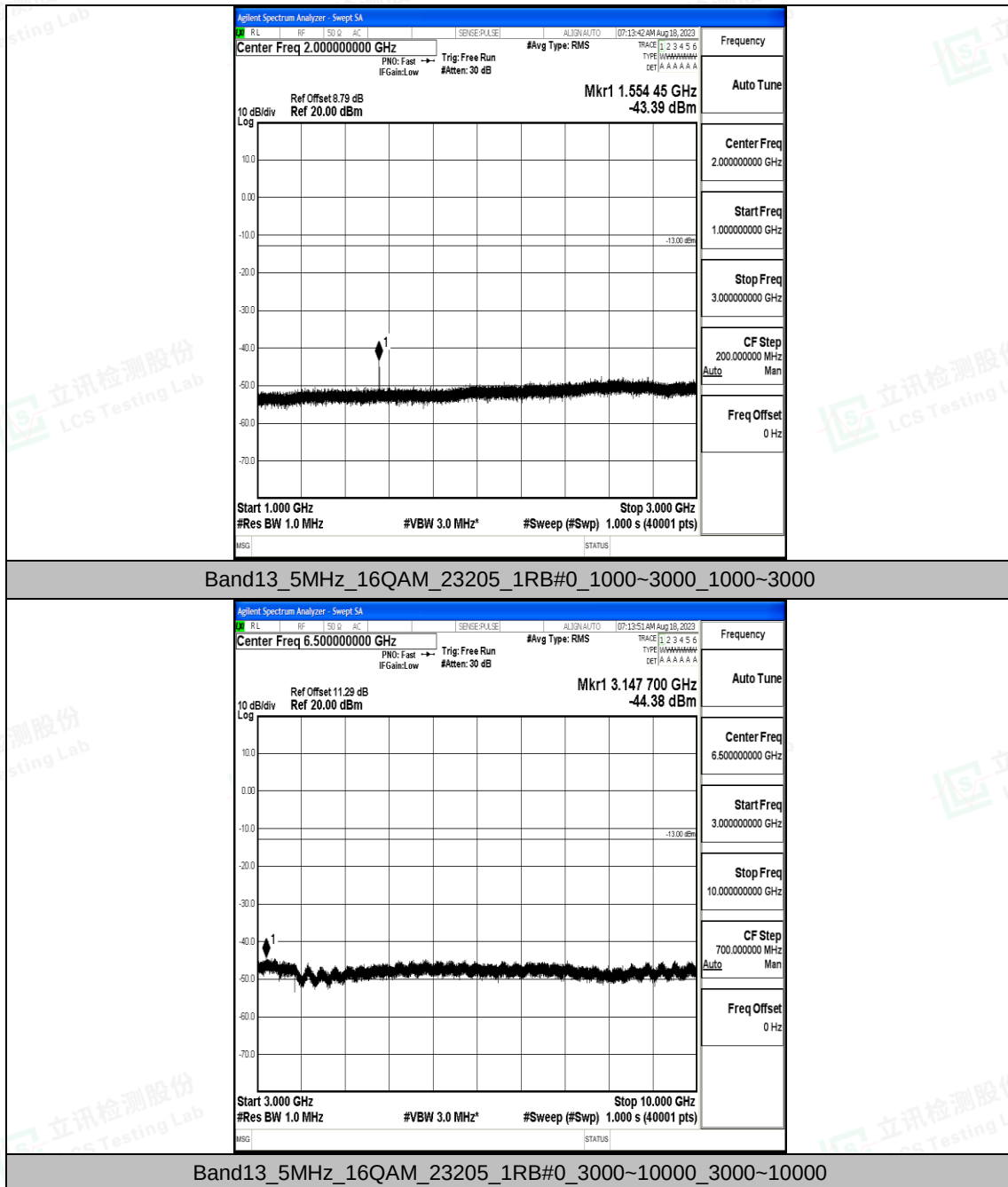
Band13_5MHz_QPSK_23205_1RB#0_3000~10000_3000~10000

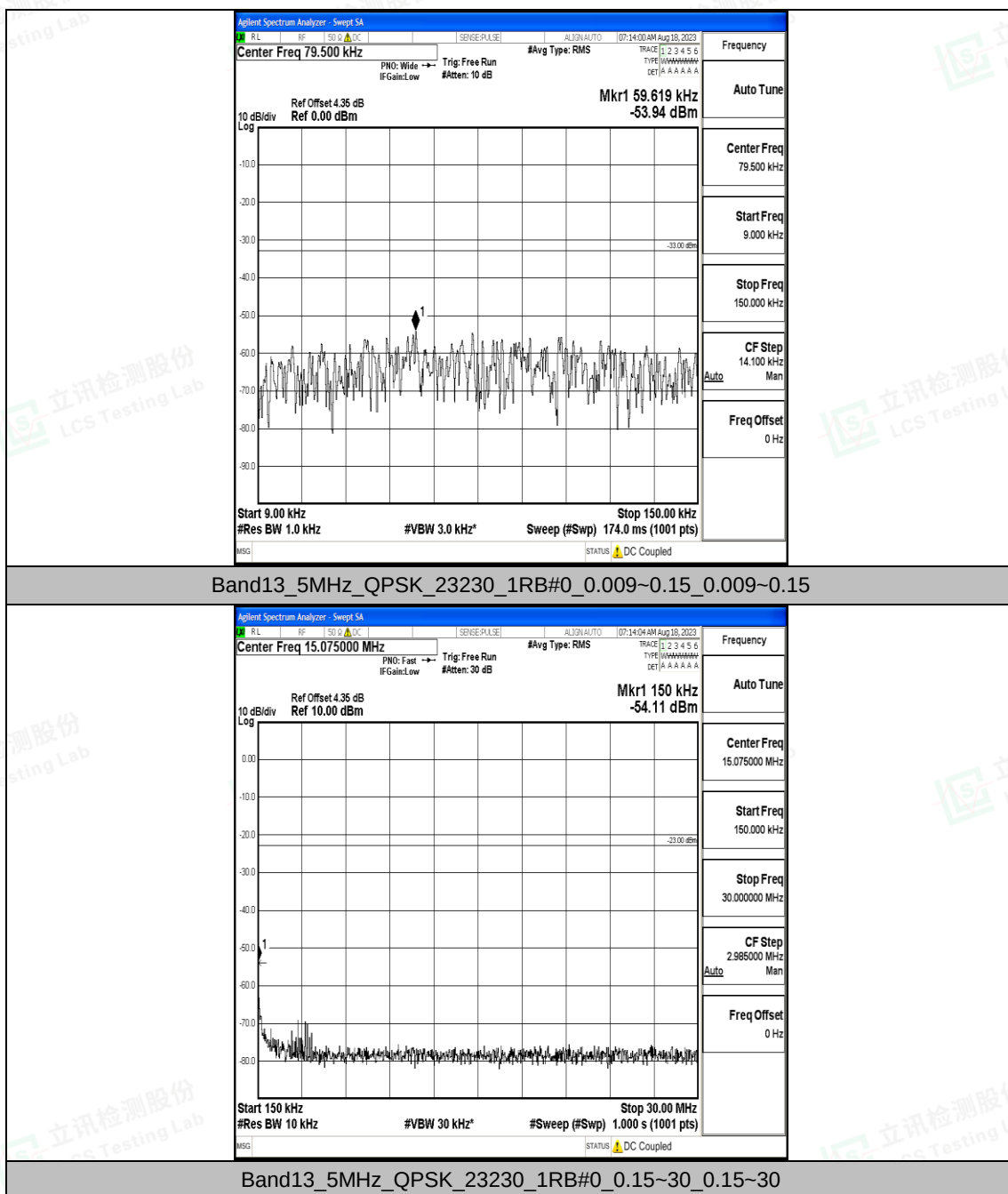


Band13_5MHz_16QAM_23205_1RB#0_0.009~0.15_0.009~0.15







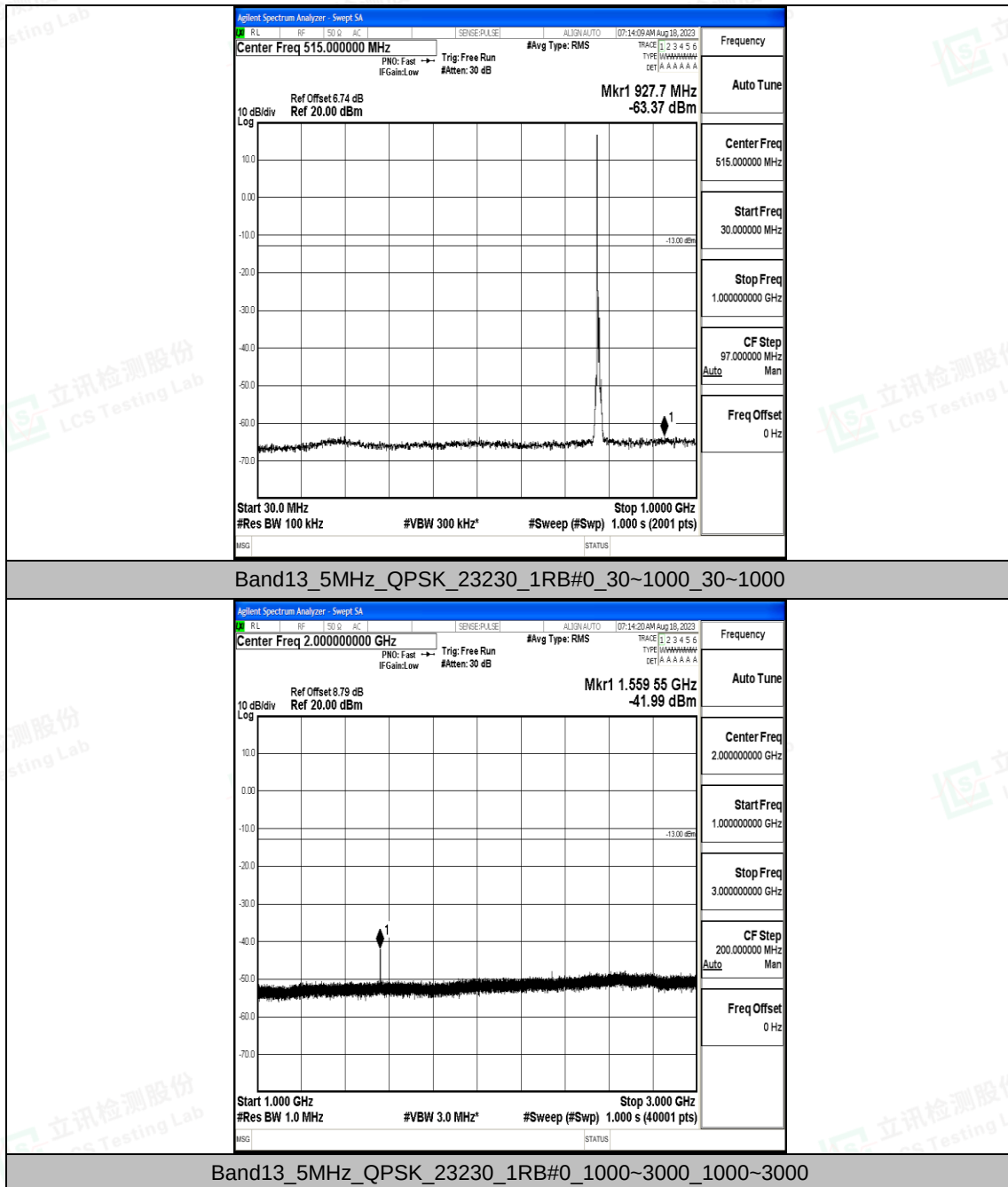


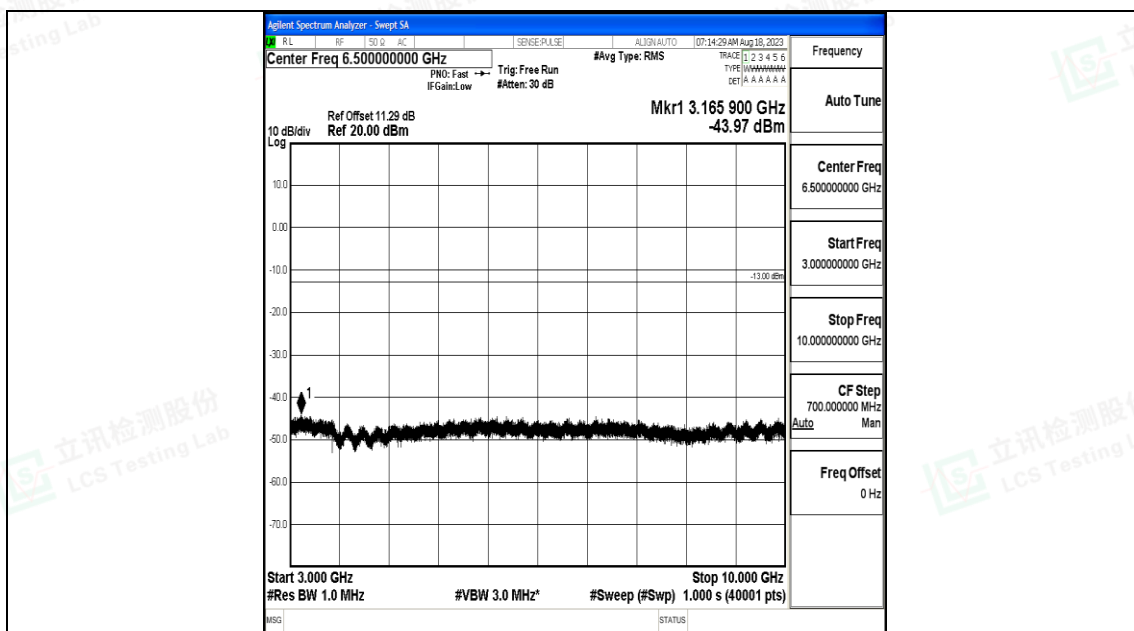
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

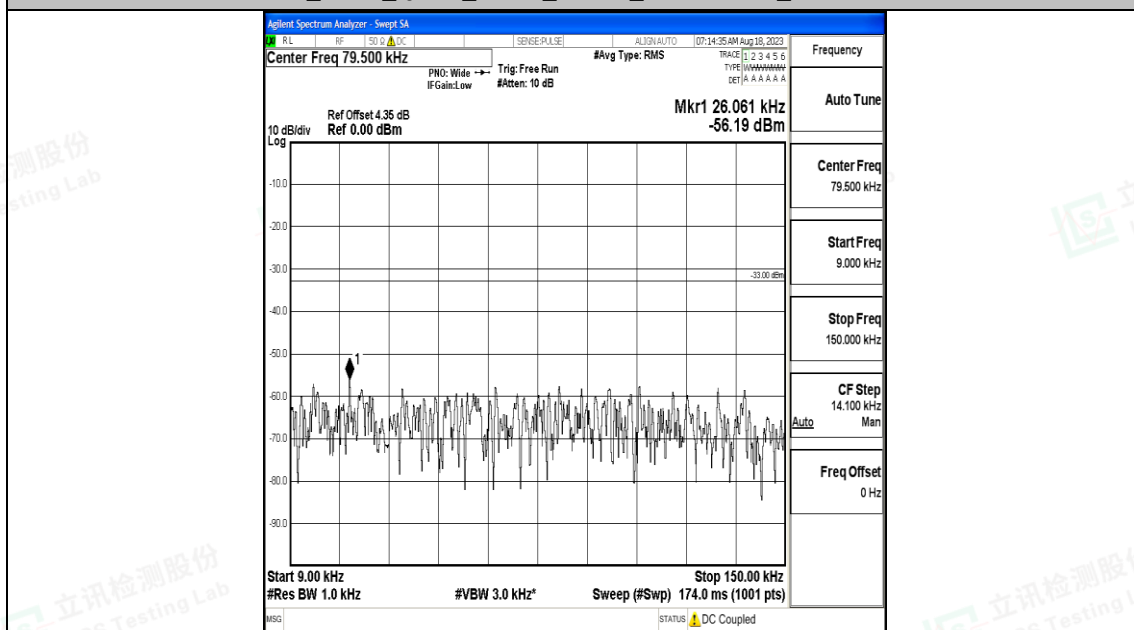
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



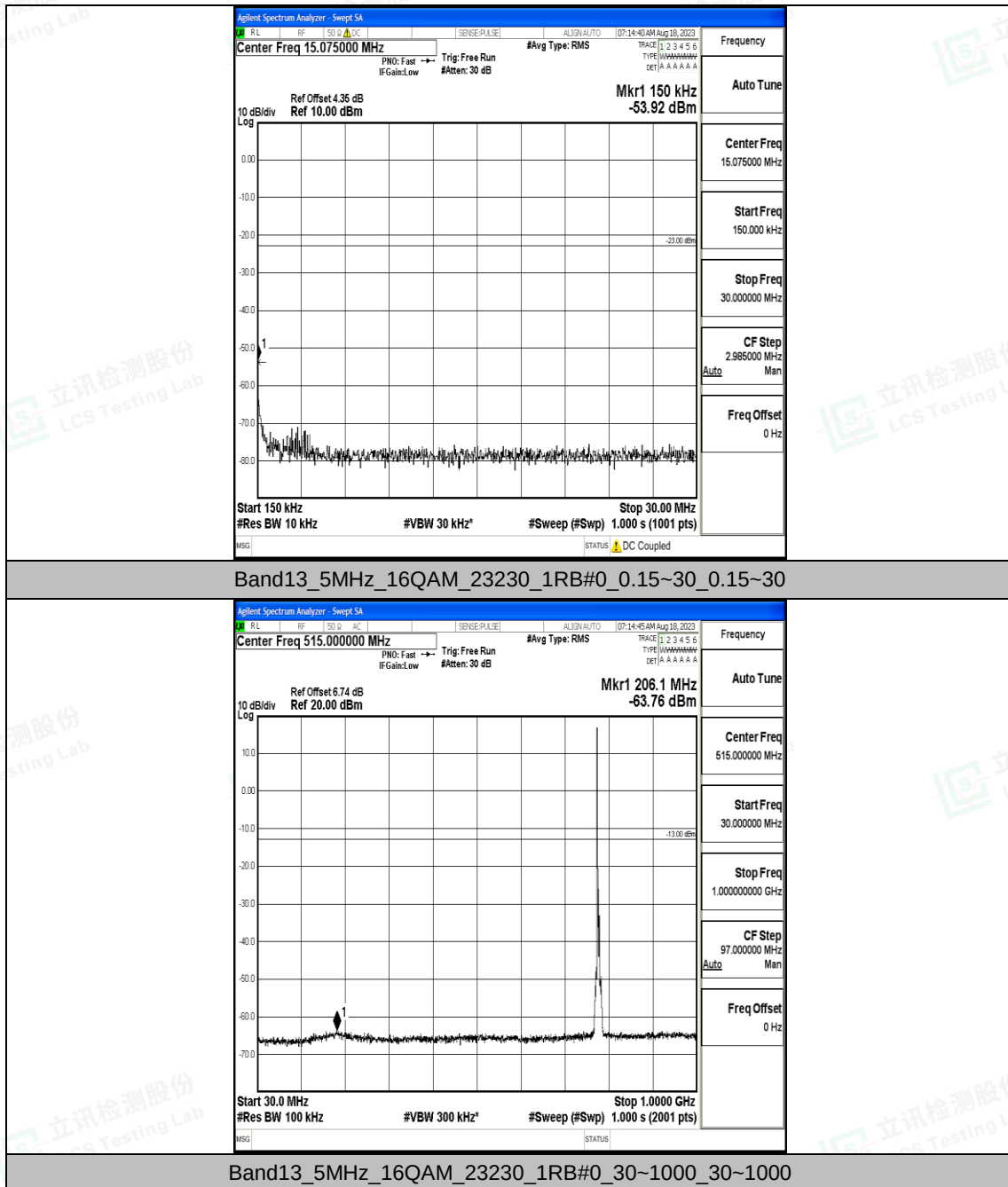


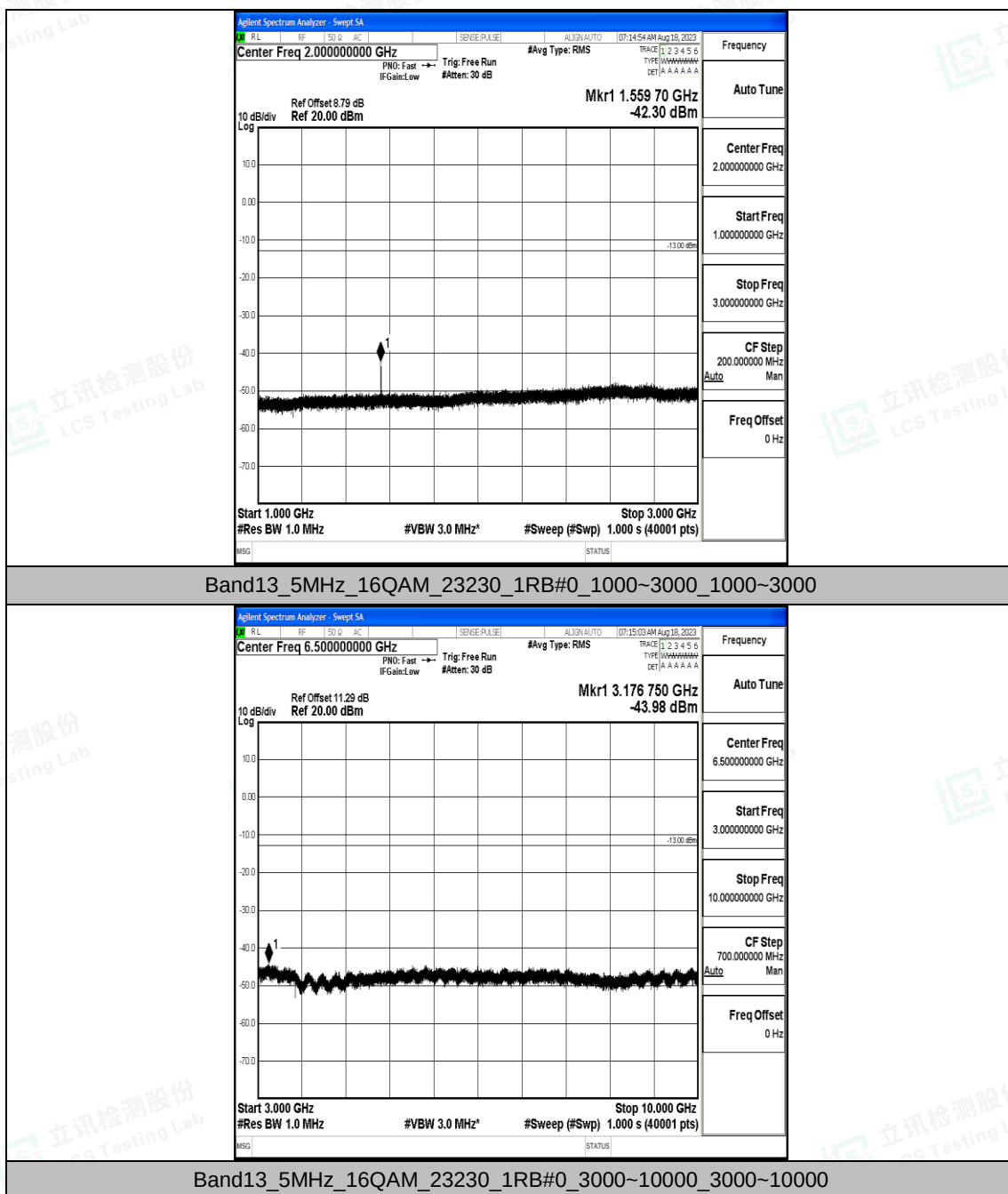
Band13_5MHz_QPSK_23230_1RB#0_3000~10000_3000~10000

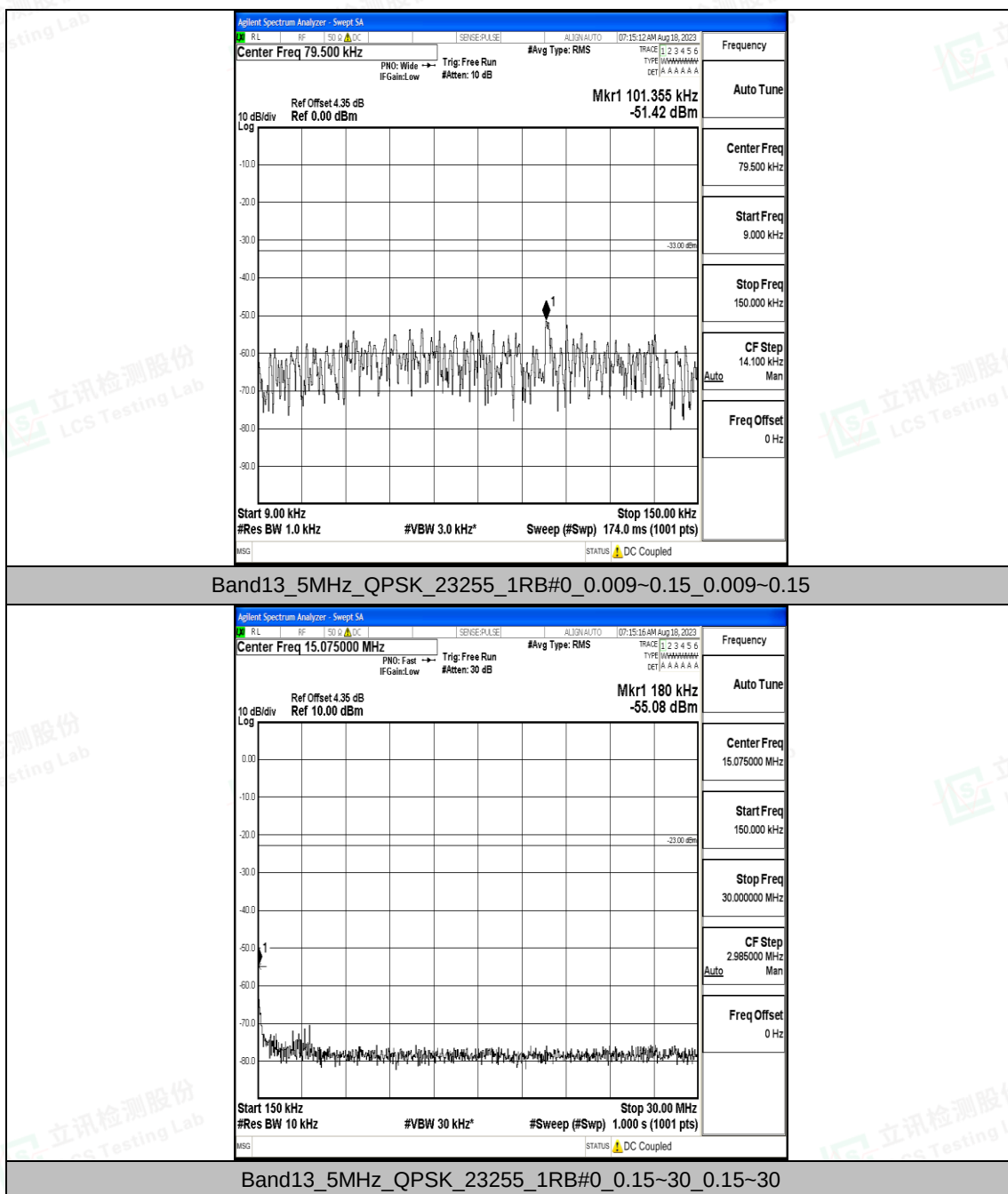


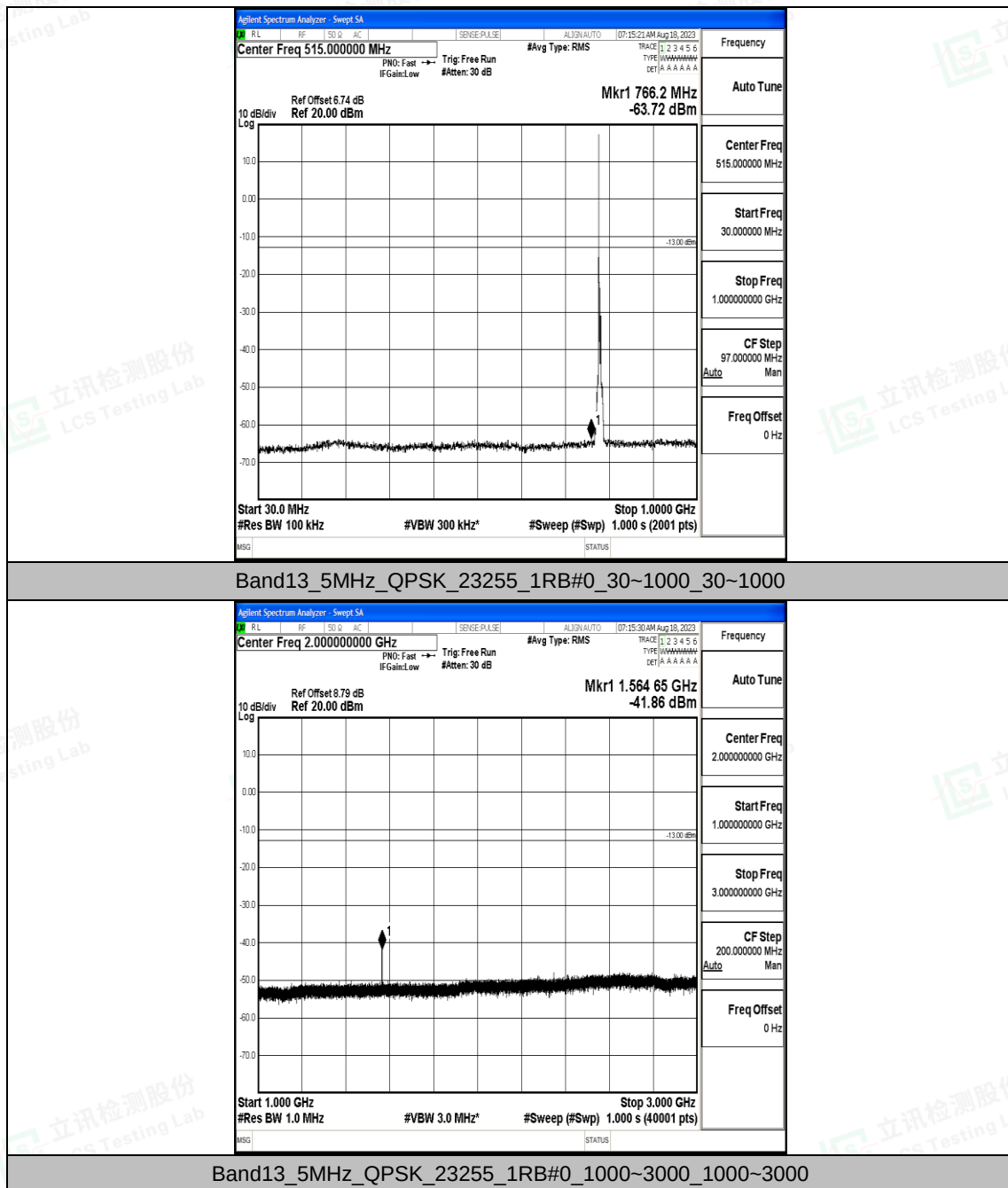
Band13_5MHz_16QAM_23230_1RB#0_0.009~0.15_0.009~0.15

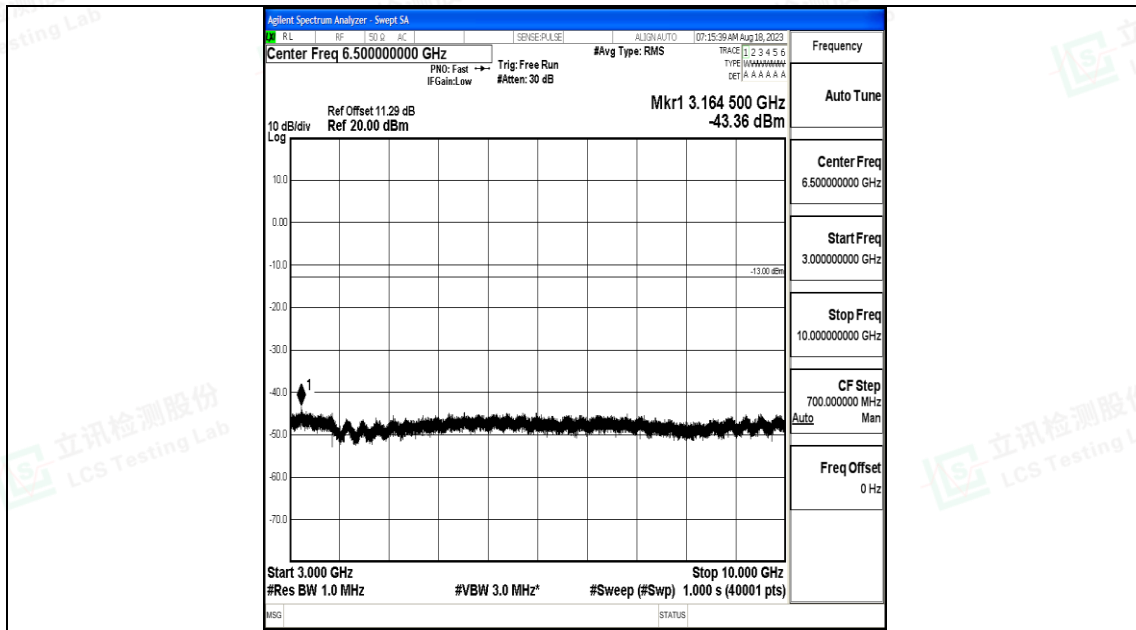




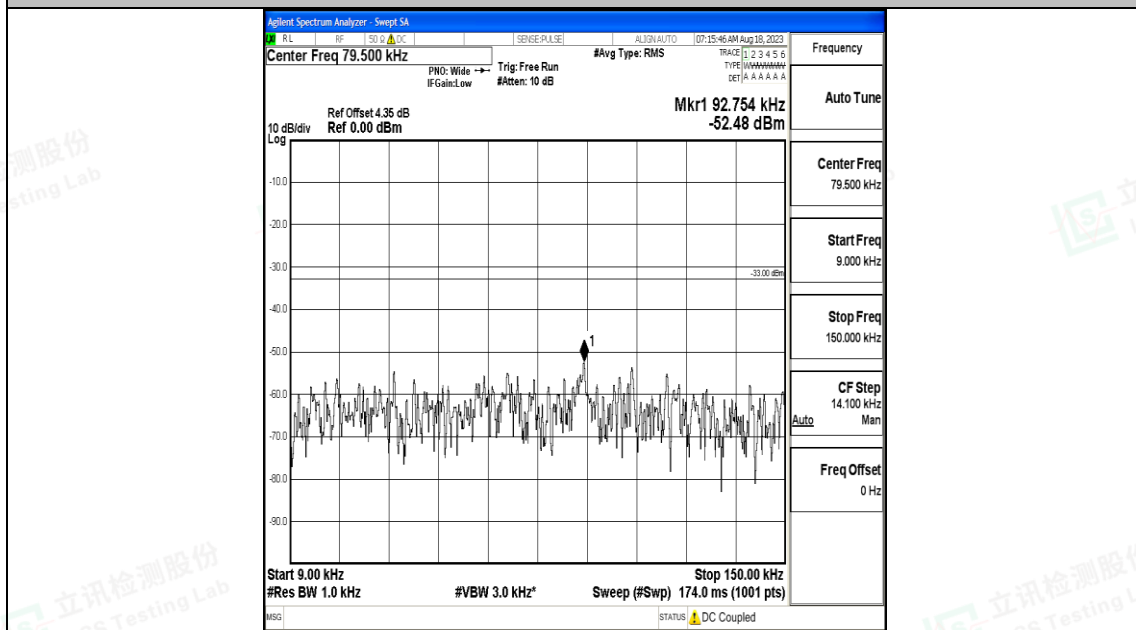






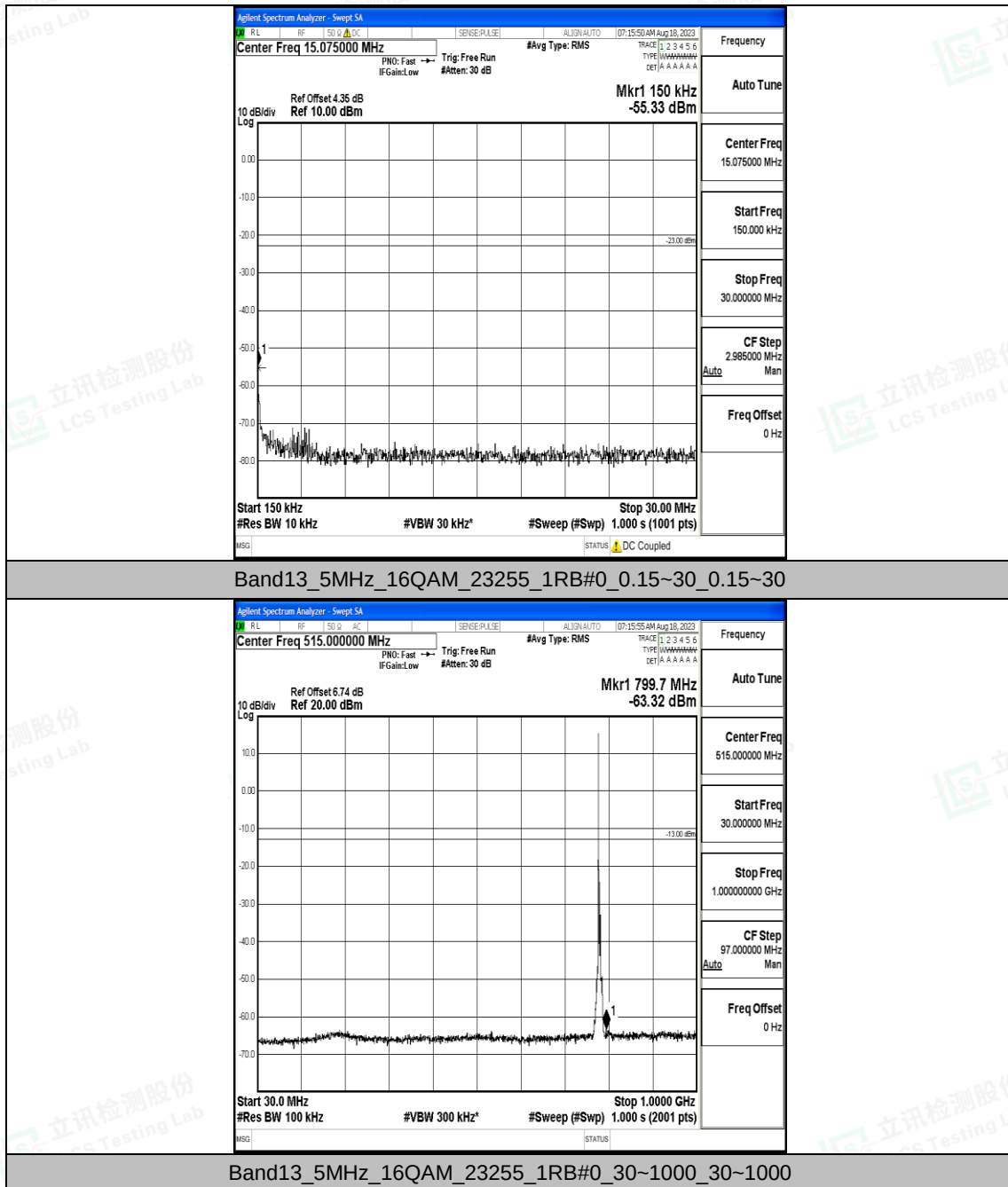


Band13_5MHz_QPSK_23255_1RB#0_3000~10000_3000~10000



Band13_5MHz_16QAM_23255_1RB#0_0.009~0.15_0.009~0.15



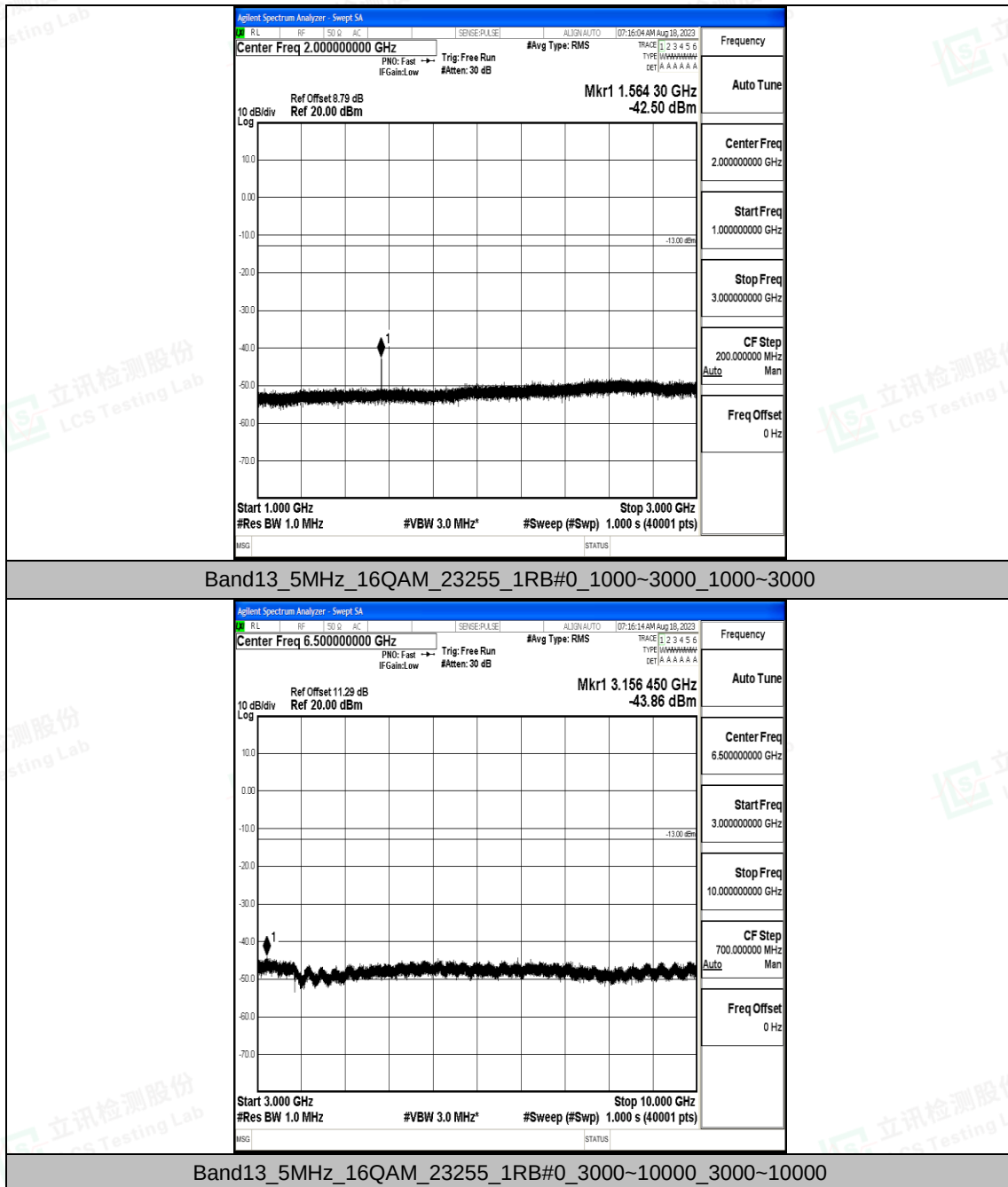


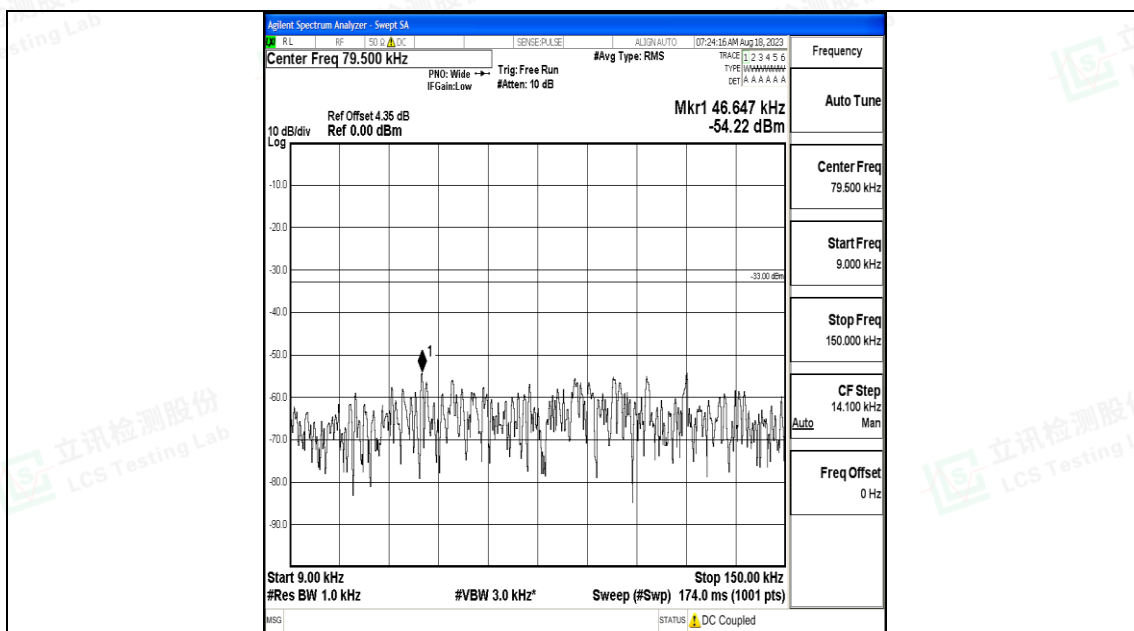
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

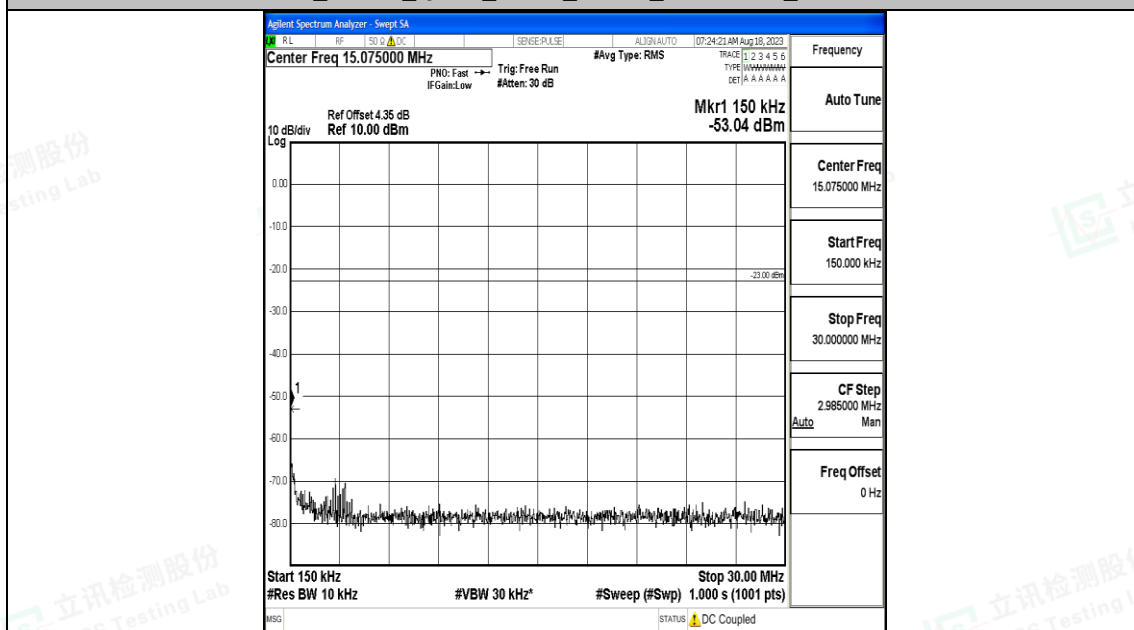
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



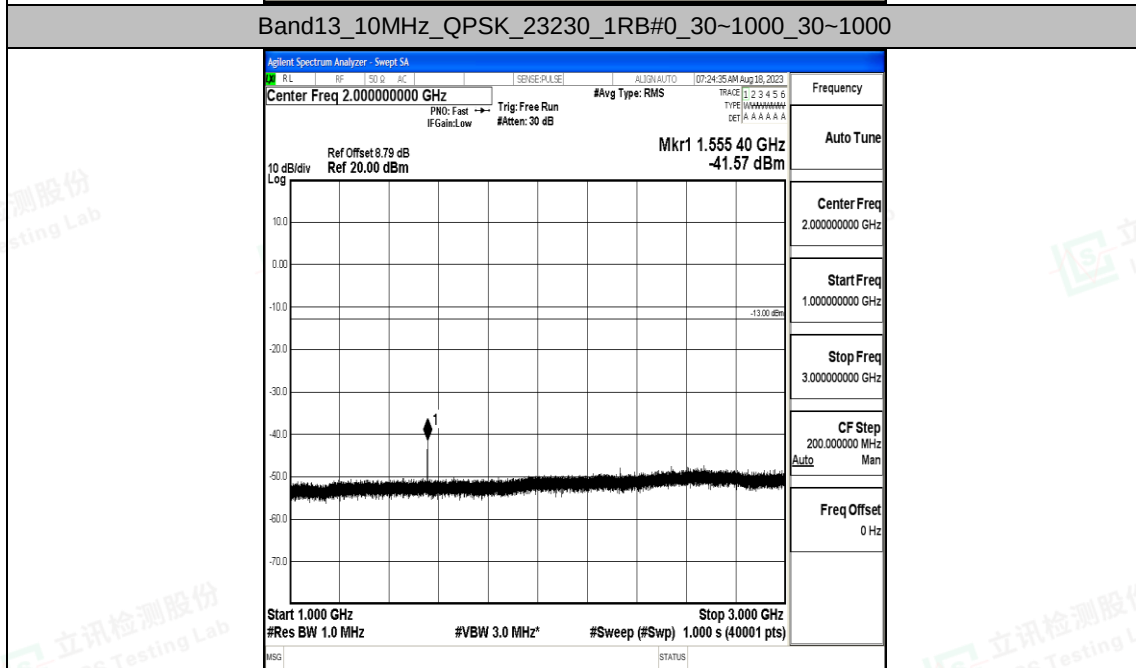
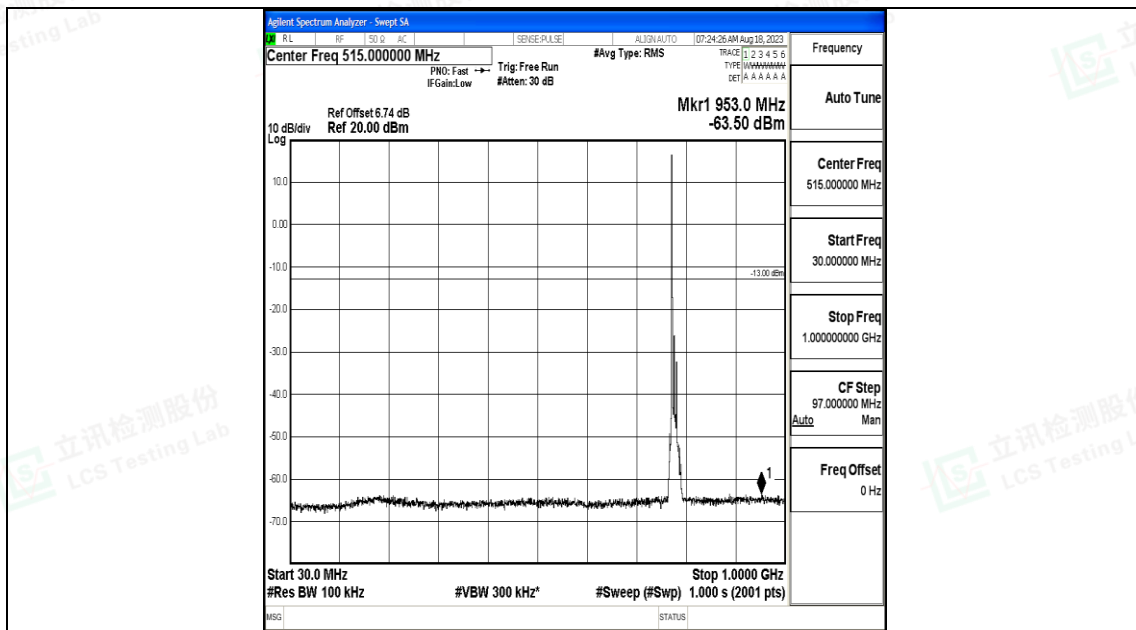


Band13_10MHz_QPSK_23230_1RB#0_0.009~0.15_0.009~0.15



Band13_10MHz_QPSK_23230_1RB#0_0.15~30_0.15~30



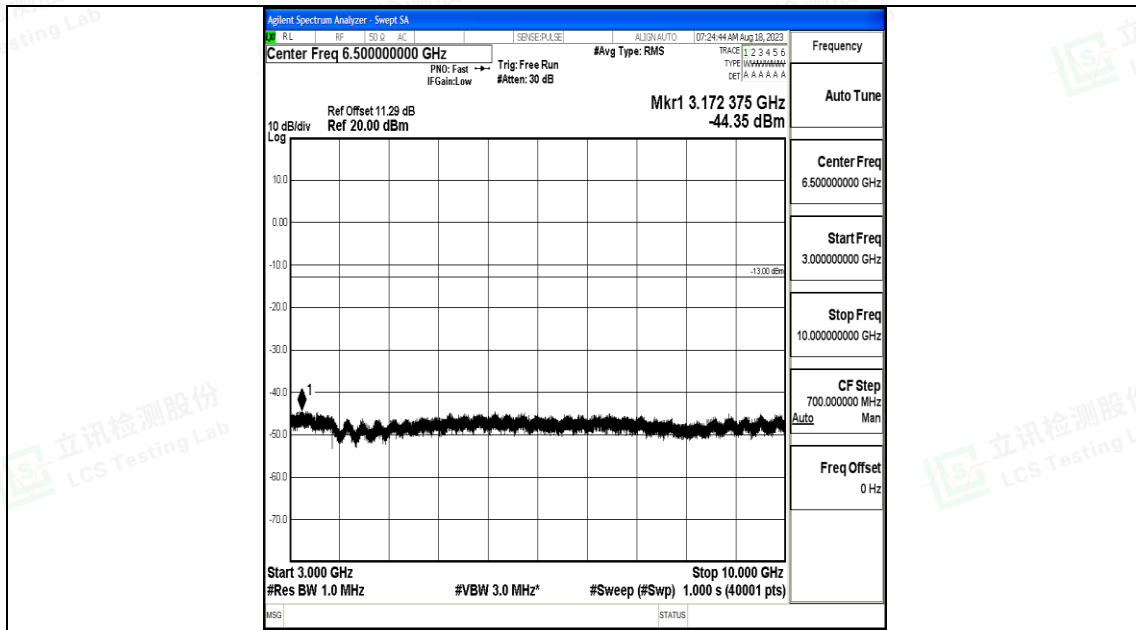


Shenzhen LCS Compliance Testing Laboratory Ltd.

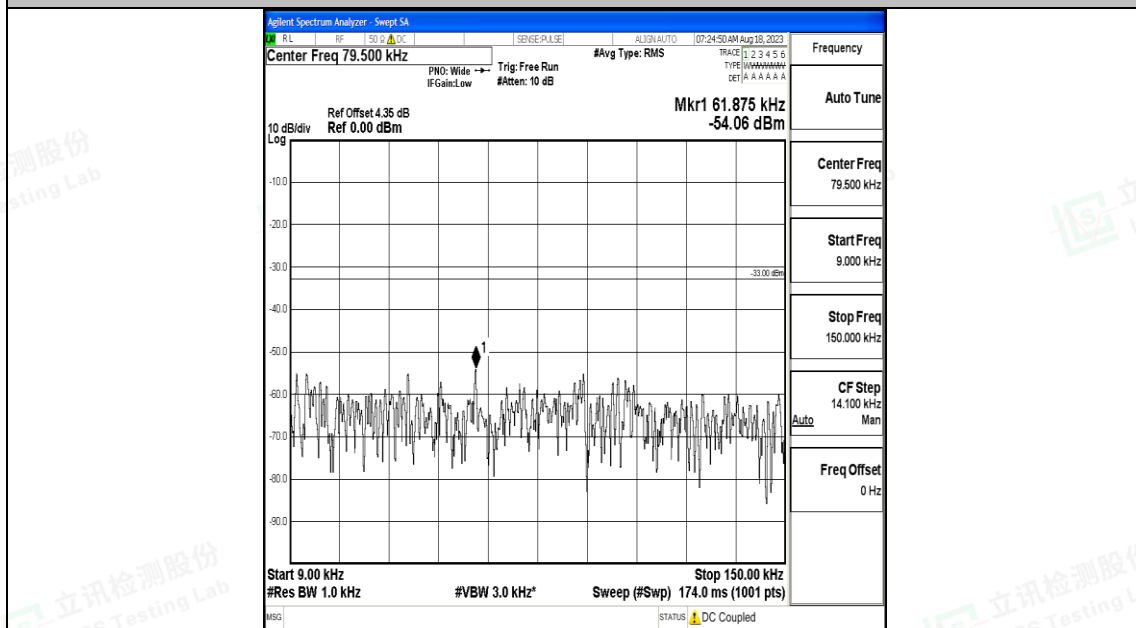
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity

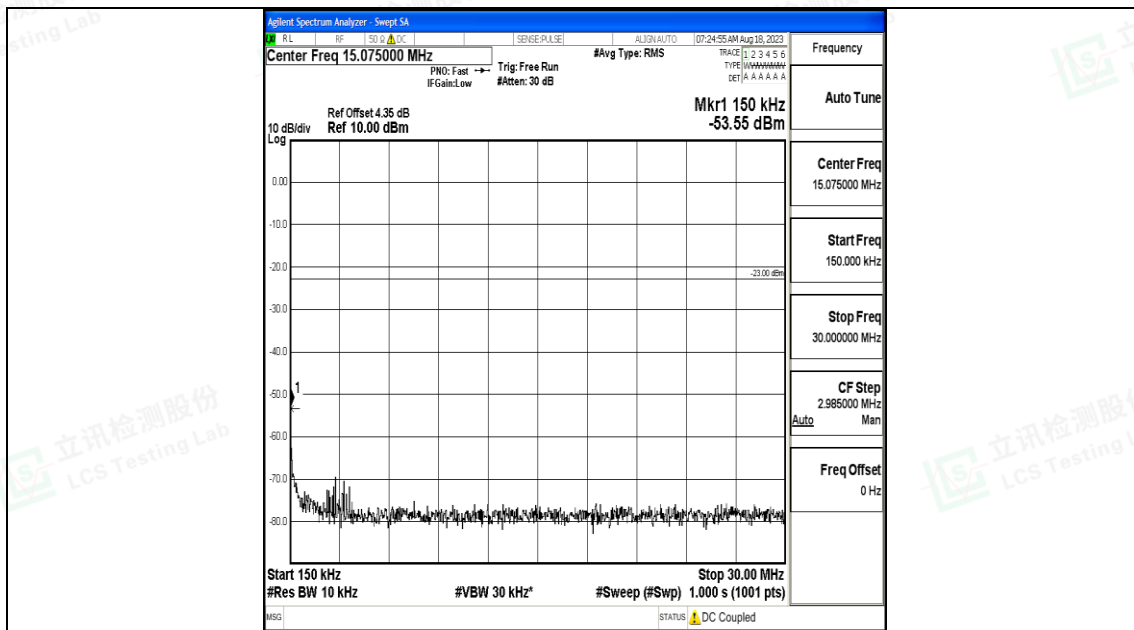


Band13_10MHz_QPSK_23230_1RB#0_3000~10000_3000~10000

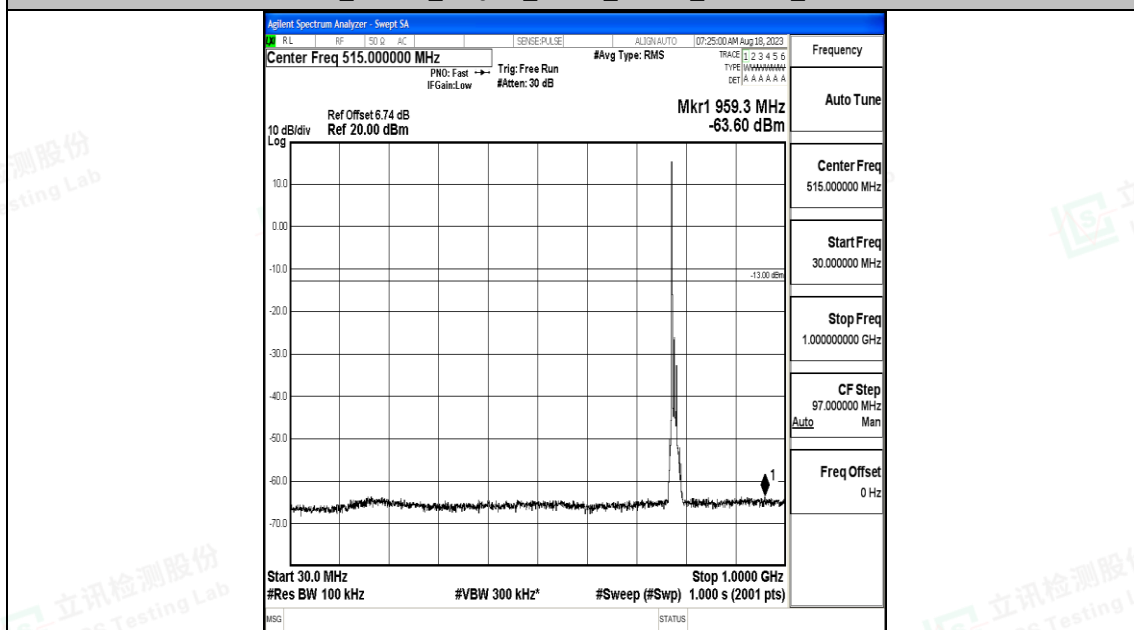


Band13_10MHz_16QAM_23230_1RB#0_0.009~0.15_0.009~0.15





Band13_10MHz_16QAM_23230_1RB#0_0.15~30_0.15~30



Band13_10MHz_16QAM_23230_1RB#0_30~1000_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

