



Appendix G: Test Data for E-UTRA Band 7

Product Name: GNSS Receiver

Test Model: Mars

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
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



G.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	23.39	PASS
Band7	5MHz	16QAM	20775	1RB#0	22.43	PASS
Band7	5MHz	QPSK	20775	1RB#12	23.60	PASS
Band7	5MHz	16QAM	20775	1RB#12	22.56	PASS
Band7	5MHz	QPSK	20775	1RB#24	23.38	PASS
Band7	5MHz	16QAM	20775	1RB#24	22.36	PASS
Band7	5MHz	QPSK	20775	12RB#0	22.45	PASS
Band7	5MHz	16QAM	20775	12RB#0	21.50	PASS
Band7	5MHz	QPSK	20775	12RB#6	22.43	PASS
Band7	5MHz	16QAM	20775	12RB#6	21.50	PASS
Band7	5MHz	QPSK	20775	12RB#13	22.48	PASS
Band7	5MHz	16QAM	20775	12RB#13	21.45	PASS
Band7	5MHz	QPSK	20775	25RB#0	22.46	PASS
Band7	5MHz	16QAM	20775	25RB#0	21.49	PASS
Band7	5MHz	QPSK	21100	1RB#0	23.17	PASS
Band7	5MHz	16QAM	21100	1RB#0	22.41	PASS
Band7	5MHz	QPSK	21100	1RB#12	23.32	PASS
Band7	5MHz	16QAM	21100	1RB#12	22.52	PASS
Band7	5MHz	QPSK	21100	1RB#24	23.14	PASS
Band7	5MHz	16QAM	21100	1RB#24	22.42	PASS
Band7	5MHz	QPSK	21100	12RB#0	22.22	PASS
Band7	5MHz	16QAM	21100	12RB#0	21.24	PASS
Band7	5MHz	QPSK	21100	12RB#6	22.19	PASS
Band7	5MHz	16QAM	21100	12RB#6	21.23	PASS
Band7	5MHz	QPSK	21100	12RB#13	22.22	PASS
Band7	5MHz	16QAM	21100	12RB#13	21.29	PASS
Band7	5MHz	QPSK	21100	25RB#0	22.21	PASS
Band7	5MHz	16QAM	21100	25RB#0	21.24	PASS
Band7	5MHz	QPSK	21425	1RB#0	23.35	PASS
Band7	5MHz	16QAM	21425	1RB#0	22.47	PASS
Band7	5MHz	QPSK	21425	1RB#12	23.56	PASS
Band7	5MHz	16QAM	21425	1RB#12	22.55	PASS
Band7	5MHz	QPSK	21425	1RB#24	23.35	PASS
Band7	5MHz	16QAM	21425	1RB#24	22.38	PASS
Band7	5MHz	QPSK	21425	12RB#0	22.57	PASS
Band7	5MHz	16QAM	21425	12RB#0	21.57	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



Band7	5MHz	QPSK	21425	12RB#6	22.61	PASS
Band7	5MHz	16QAM	21425	12RB#6	21.60	PASS
Band7	5MHz	QPSK	21425	12RB#13	22.52	PASS
Band7	5MHz	16QAM	21425	12RB#13	21.48	PASS
Band7	5MHz	QPSK	21425	25RB#0	22.52	PASS
Band7	5MHz	16QAM	21425	25RB#0	21.59	PASS
Band7	10MHz	QPSK	20800	1RB#0	23.39	PASS
Band7	10MHz	16QAM	20800	1RB#0	22.36	PASS
Band7	10MHz	QPSK	20800	1RB#24	23.06	PASS
Band7	10MHz	16QAM	20800	1RB#24	22.34	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.01	PASS
Band7	10MHz	16QAM	20800	1RB#49	22.28	PASS
Band7	10MHz	QPSK	20800	25RB#0	22.13	PASS
Band7	10MHz	16QAM	20800	25RB#0	21.05	PASS
Band7	10MHz	QPSK	20800	25RB#12	22.08	PASS
Band7	10MHz	16QAM	20800	25RB#12	21.12	PASS
Band7	10MHz	QPSK	20800	25RB#25	22.13	PASS
Band7	10MHz	16QAM	20800	25RB#25	21.13	PASS
Band7	10MHz	QPSK	20800	50RB#0	22.09	PASS
Band7	10MHz	16QAM	20800	50RB#0	21.05	PASS
Band7	10MHz	QPSK	21100	1RB#0	23.19	PASS
Band7	10MHz	16QAM	21100	1RB#0	21.91	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.84	PASS
Band7	10MHz	16QAM	21100	1RB#24	21.90	PASS
Band7	10MHz	QPSK	21100	1RB#49	22.78	PASS
Band7	10MHz	16QAM	21100	1RB#49	21.95	PASS
Band7	10MHz	QPSK	21100	25RB#0	21.82	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.86	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.81	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.88	PASS
Band7	10MHz	QPSK	21100	25RB#25	21.80	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.84	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.80	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.84	PASS
Band7	10MHz	QPSK	21400	1RB#0	23.44	PASS
Band7	10MHz	16QAM	21400	1RB#0	22.38	PASS
Band7	10MHz	QPSK	21400	1RB#24	23.18	PASS
Band7	10MHz	16QAM	21400	1RB#24	22.28	PASS
Band7	10MHz	QPSK	21400	1RB#49	22.98	PASS
Band7	10MHz	16QAM	21400	1RB#49	22.24	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



Band7	10MHz	QPSK	21400	25RB#0	22.32	PASS
Band7	10MHz	16QAM	21400	25RB#0	21.30	PASS
Band7	10MHz	QPSK	21400	25RB#12	22.23	PASS
Band7	10MHz	16QAM	21400	25RB#12	21.25	PASS
Band7	10MHz	QPSK	21400	25RB#25	22.06	PASS
Band7	10MHz	16QAM	21400	25RB#25	21.03	PASS
Band7	10MHz	QPSK	21400	50RB#0	22.16	PASS
Band7	10MHz	16QAM	21400	50RB#0	21.19	PASS
Band7	15MHz	QPSK	20825	1RB#0	23.12	PASS
Band7	15MHz	16QAM	20825	1RB#0	22.13	PASS
Band7	15MHz	QPSK	20825	1RB#38	23.03	PASS
Band7	15MHz	16QAM	20825	1RB#38	22.21	PASS
Band7	15MHz	QPSK	20825	1RB#74	22.76	PASS
Band7	15MHz	16QAM	20825	1RB#74	21.96	PASS
Band7	15MHz	QPSK	20825	38RB#0	22.10	PASS
Band7	15MHz	16QAM	20825	38RB#0	22.09	PASS
Band7	15MHz	QPSK	20825	38RB#18	22.12	PASS
Band7	15MHz	16QAM	20825	38RB#18	22.09	PASS
Band7	15MHz	QPSK	20825	38RB#37	22.11	PASS
Band7	15MHz	16QAM	20825	38RB#37	22.09	PASS
Band7	15MHz	QPSK	20825	75RB#0	22.08	PASS
Band7	15MHz	16QAM	20825	75RB#0	21.00	PASS
Band7	15MHz	QPSK	21100	1RB#0	22.87	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.93	PASS
Band7	15MHz	QPSK	21100	1RB#38	22.73	PASS
Band7	15MHz	16QAM	21100	1RB#38	22.09	PASS
Band7	15MHz	QPSK	21100	1RB#74	22.70	PASS
Band7	15MHz	16QAM	21100	1RB#74	22.09	PASS
Band7	15MHz	QPSK	21100	38RB#0	21.80	PASS
Band7	15MHz	16QAM	21100	38RB#0	21.83	PASS
Band7	15MHz	QPSK	21100	38RB#18	21.85	PASS
Band7	15MHz	16QAM	21100	38RB#18	21.87	PASS
Band7	15MHz	QPSK	21100	38RB#37	21.86	PASS
Band7	15MHz	16QAM	21100	38RB#37	21.80	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.79	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.84	PASS
Band7	15MHz	QPSK	21375	1RB#0	23.24	PASS
Band7	15MHz	16QAM	21375	1RB#0	22.05	PASS
Band7	15MHz	QPSK	21375	1RB#38	23.19	PASS
Band7	15MHz	16QAM	21375	1RB#38	22.12	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



Band7	15MHz	QPSK	21375	1RB#74	23.01	PASS
Band7	15MHz	16QAM	21375	1RB#74	21.96	PASS
Band7	15MHz	QPSK	21375	38RB#0	22.17	PASS
Band7	15MHz	16QAM	21375	38RB#0	22.16	PASS
Band7	15MHz	QPSK	21375	38RB#18	22.15	PASS
Band7	15MHz	16QAM	21375	38RB#18	22.17	PASS
Band7	15MHz	QPSK	21375	38RB#37	22.15	PASS
Band7	15MHz	16QAM	21375	38RB#37	22.17	PASS
Band7	15MHz	QPSK	21375	75RB#0	22.14	PASS
Band7	15MHz	16QAM	21375	75RB#0	21.20	PASS
Band7	20MHz	QPSK	20850	1RB#0	22.86	PASS
Band7	20MHz	16QAM	20850	1RB#0	21.85	PASS
Band7	20MHz	QPSK	20850	1RB#49	23.17	PASS
Band7	20MHz	16QAM	20850	1RB#49	22.14	PASS
Band7	20MHz	QPSK	20850	1RB#99	22.61	PASS
Band7	20MHz	16QAM	20850	1RB#99	21.69	PASS
Band7	20MHz	QPSK	20850	50RB#0	21.96	PASS
Band7	20MHz	16QAM	20850	50RB#0	21.00	PASS
Band7	20MHz	QPSK	20850	50RB#25	22.00	PASS
Band7	20MHz	16QAM	20850	50RB#25	20.98	PASS
Band7	20MHz	QPSK	20850	50RB#50	21.97	PASS
Band7	20MHz	16QAM	20850	50RB#50	20.96	PASS
Band7	20MHz	QPSK	20850	100RB#0	21.99	PASS
Band7	20MHz	16QAM	20850	100RB#0	21.01	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.53	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.80	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.89	PASS
Band7	20MHz	16QAM	21100	1RB#49	22.06	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.59	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.78	PASS
Band7	20MHz	QPSK	21100	50RB#0	21.65	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.69	PASS
Band7	20MHz	QPSK	21100	50RB#25	21.65	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.72	PASS
Band7	20MHz	QPSK	21100	50RB#50	21.76	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.72	PASS
Band7	20MHz	QPSK	21100	100RB#0	21.70	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.72	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.77	PASS
Band7	20MHz	16QAM	21350	1RB#0	21.94	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



Band7	20MHz	QPSK	21350	1RB#49	23.14	PASS
Band7	20MHz	16QAM	21350	1RB#49	22.29	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.65	PASS
Band7	20MHz	16QAM	21350	1RB#99	21.84	PASS
Band7	20MHz	QPSK	21350	50RB#0	22.12	PASS
Band7	20MHz	16QAM	21350	50RB#0	21.15	PASS
Band7	20MHz	QPSK	21350	50RB#25	22.09	PASS
Band7	20MHz	16QAM	21350	50RB#25	21.16	PASS
Band7	20MHz	QPSK	21350	50RB#50	21.98	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.98	PASS
Band7	20MHz	QPSK	21350	100RB#0	22.02	PASS
Band7	20MHz	16QAM	21350	100RB#0	21.02	PASS





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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	5.55	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.24	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.60	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.24	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.56	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	6.20	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.56	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.33	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.54	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.43	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.65	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.36	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.93	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.45	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.97	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.48	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.94	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.44	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.68	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.39	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.67	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.39	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.56	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.40	13	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

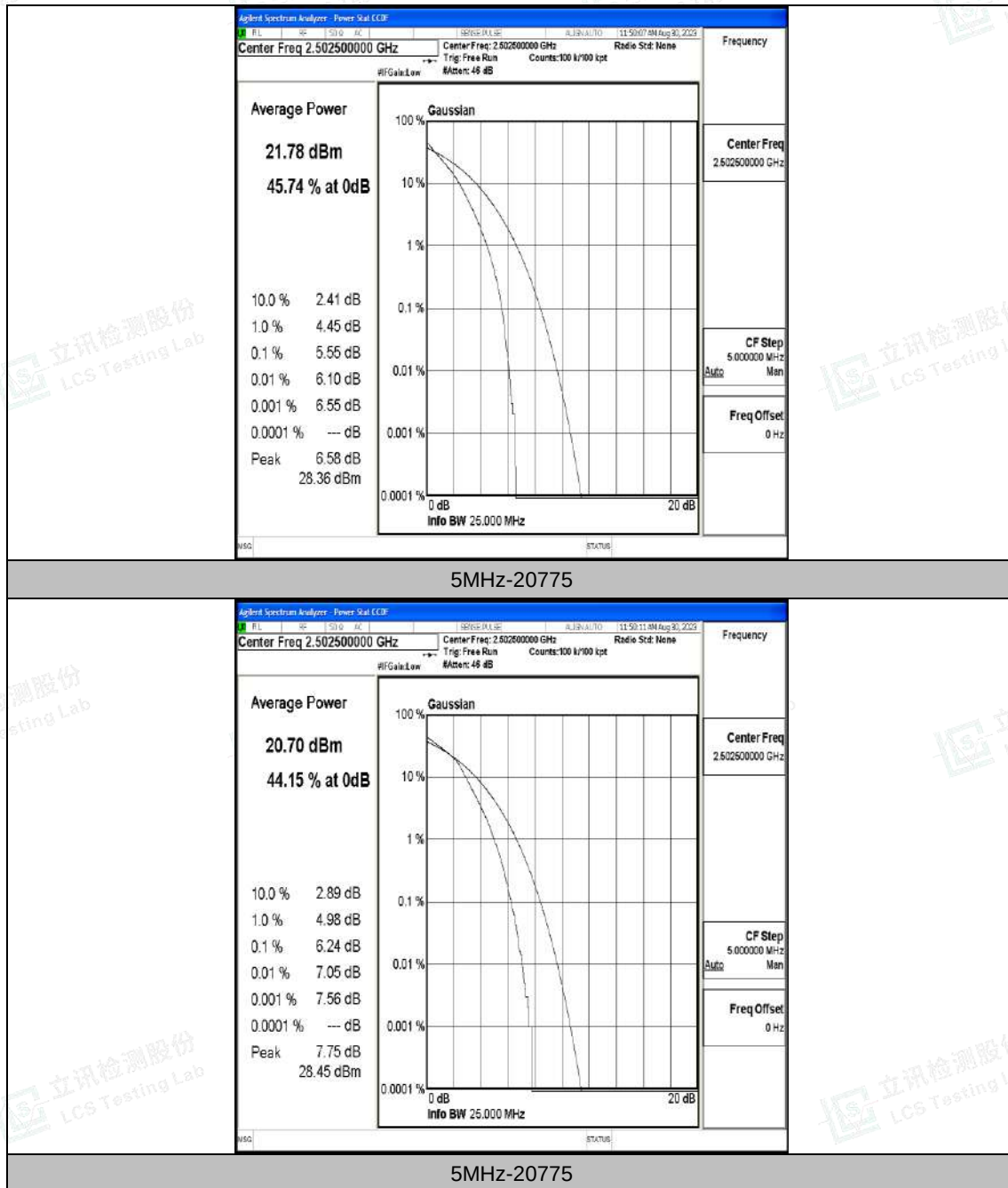
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



Test Graphs

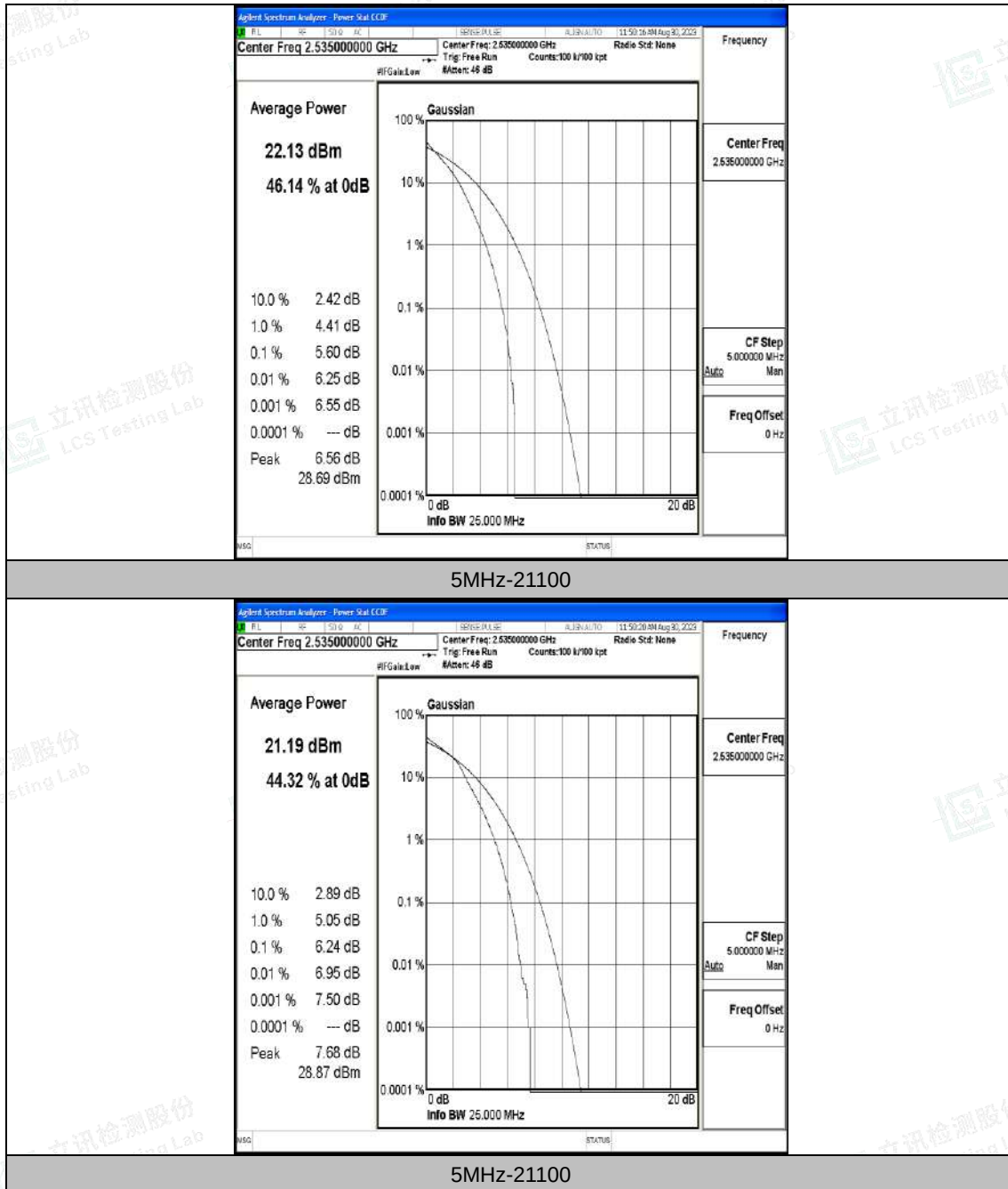


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

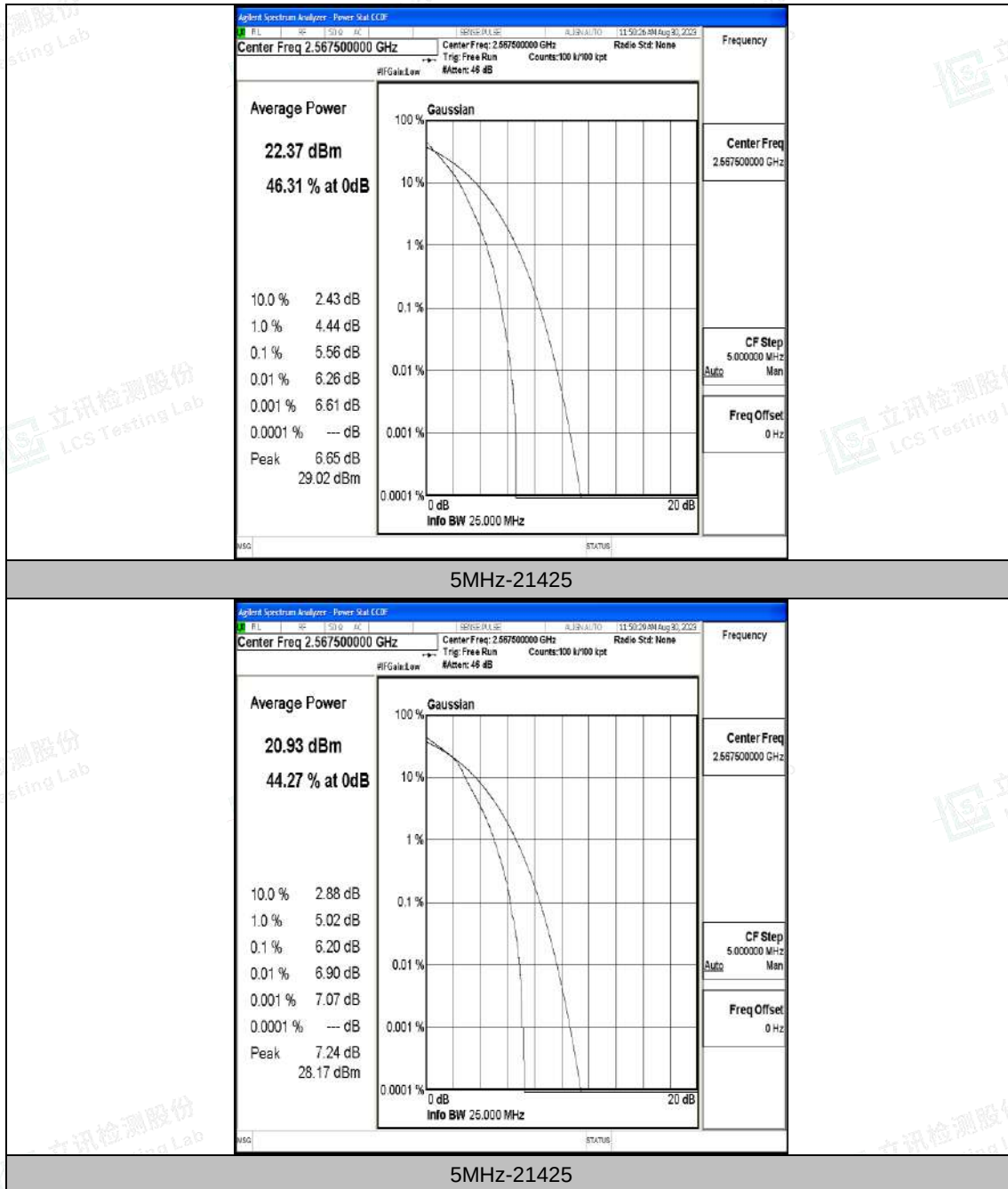


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

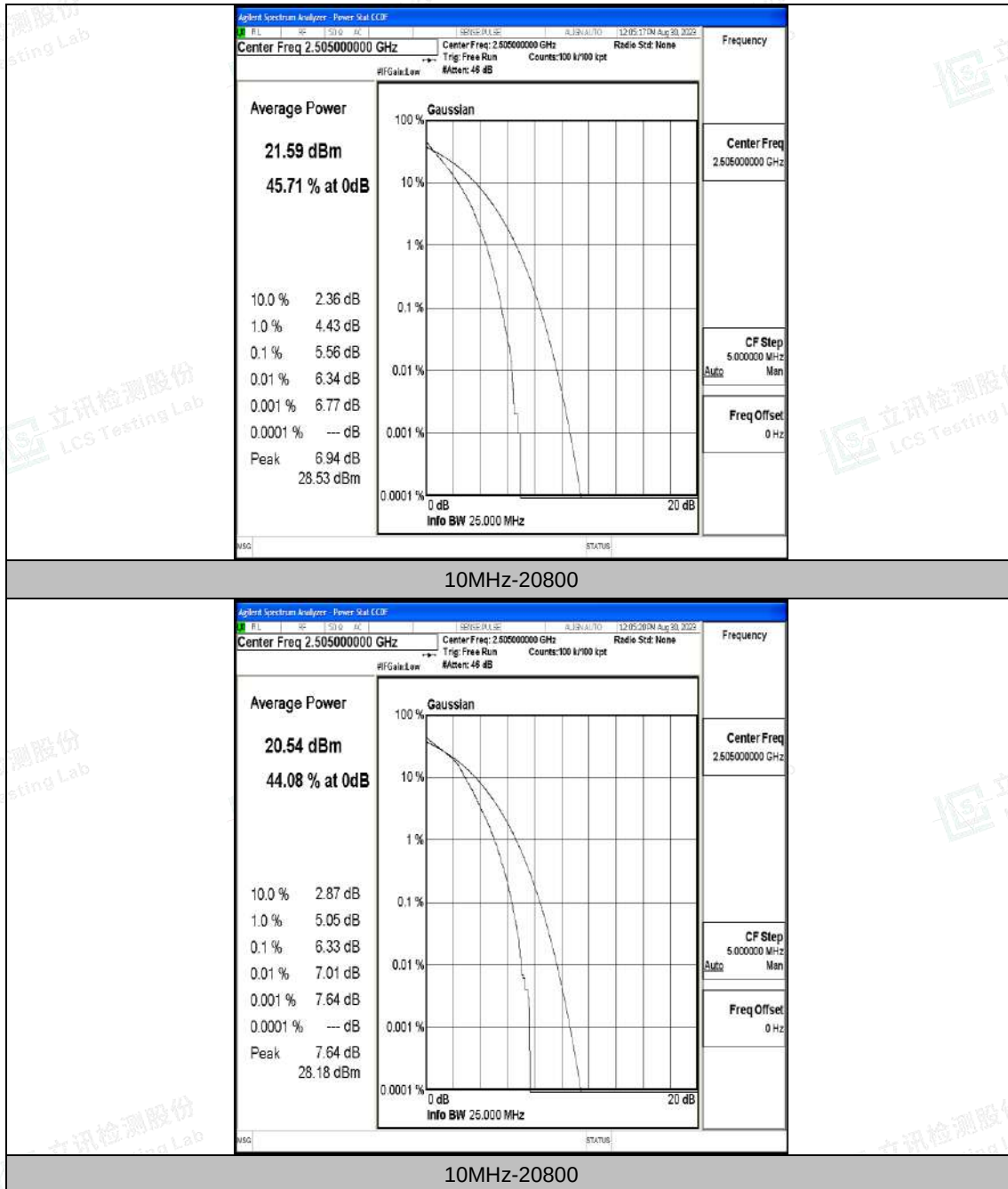


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

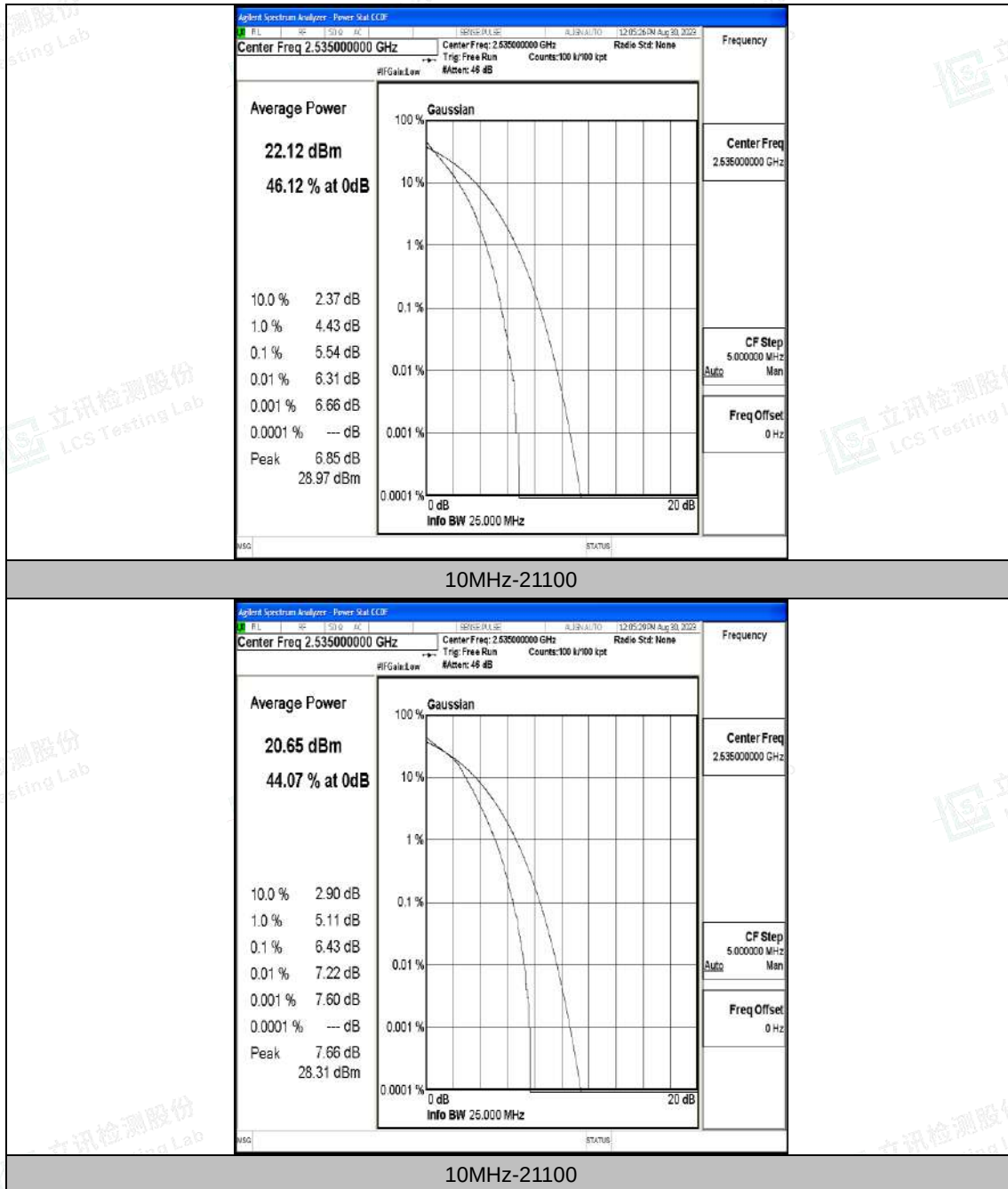


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

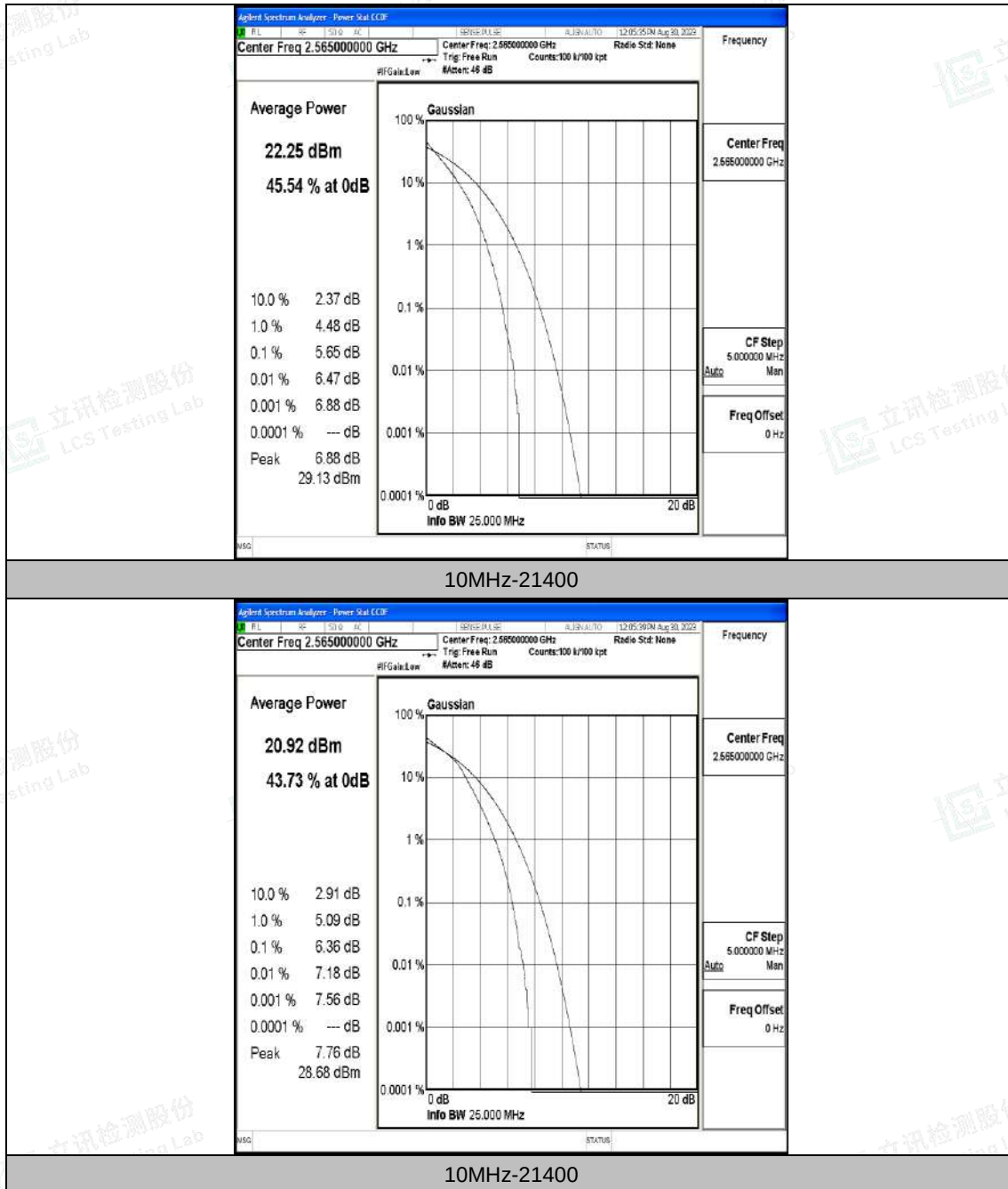


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

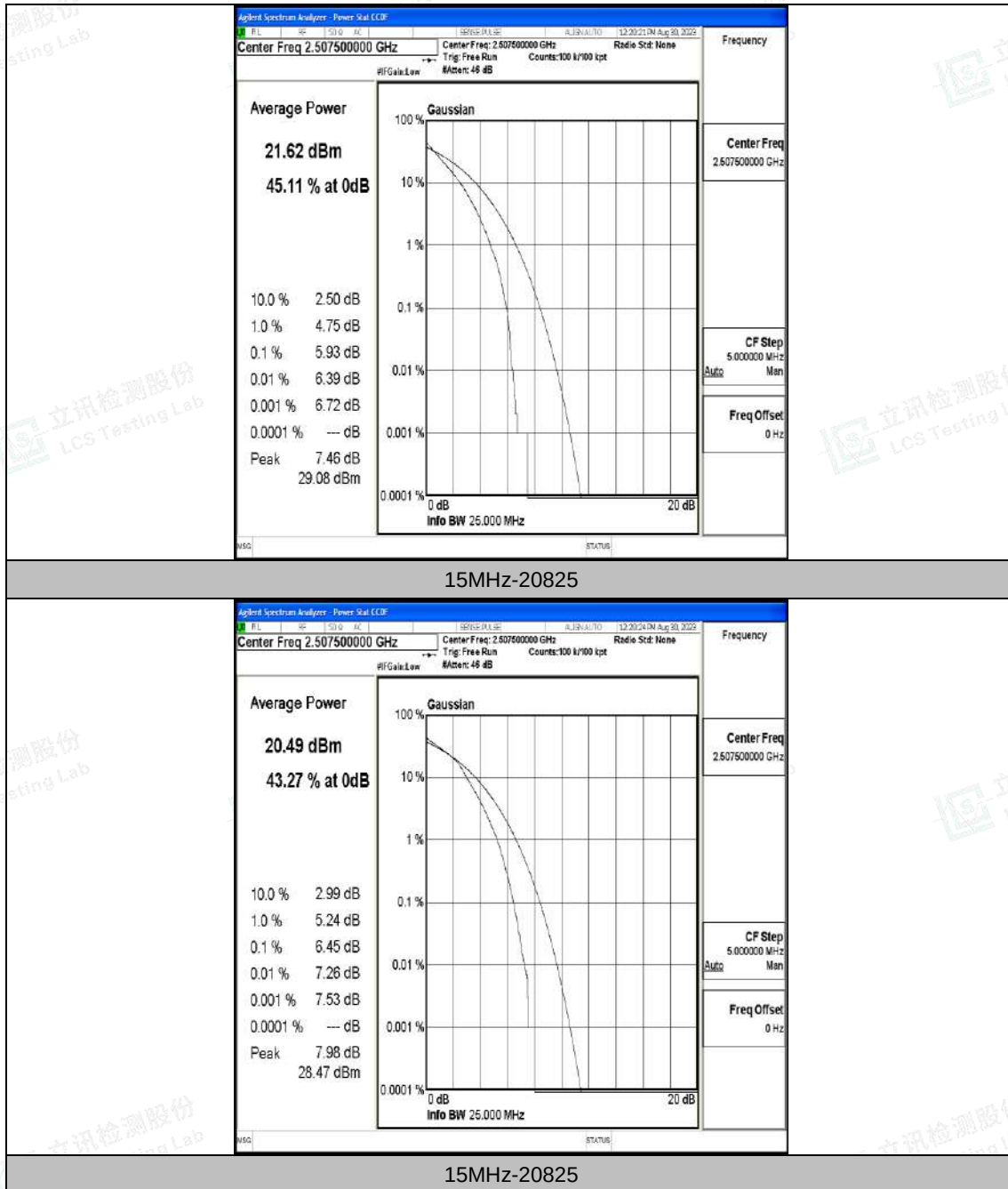


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

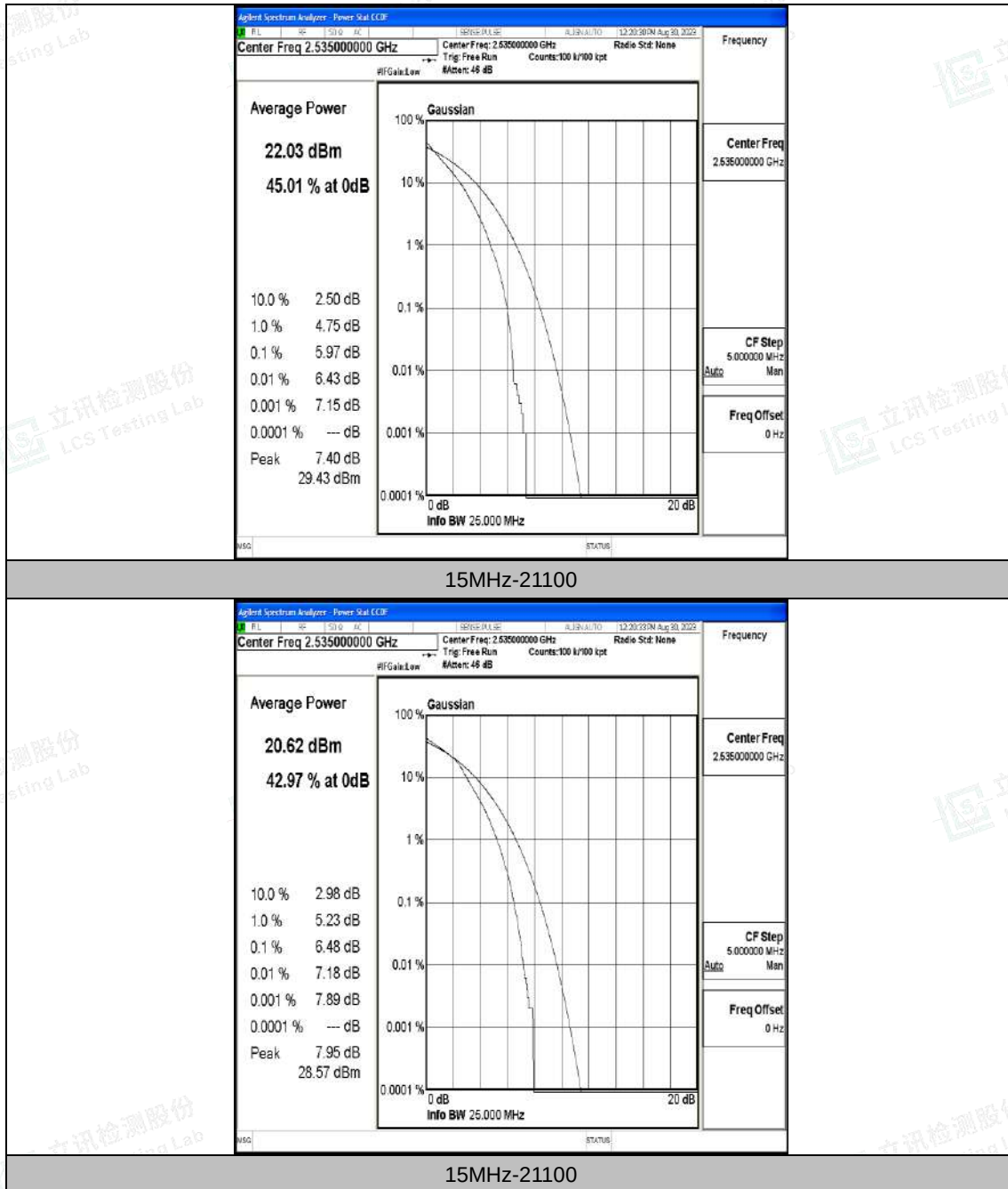


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

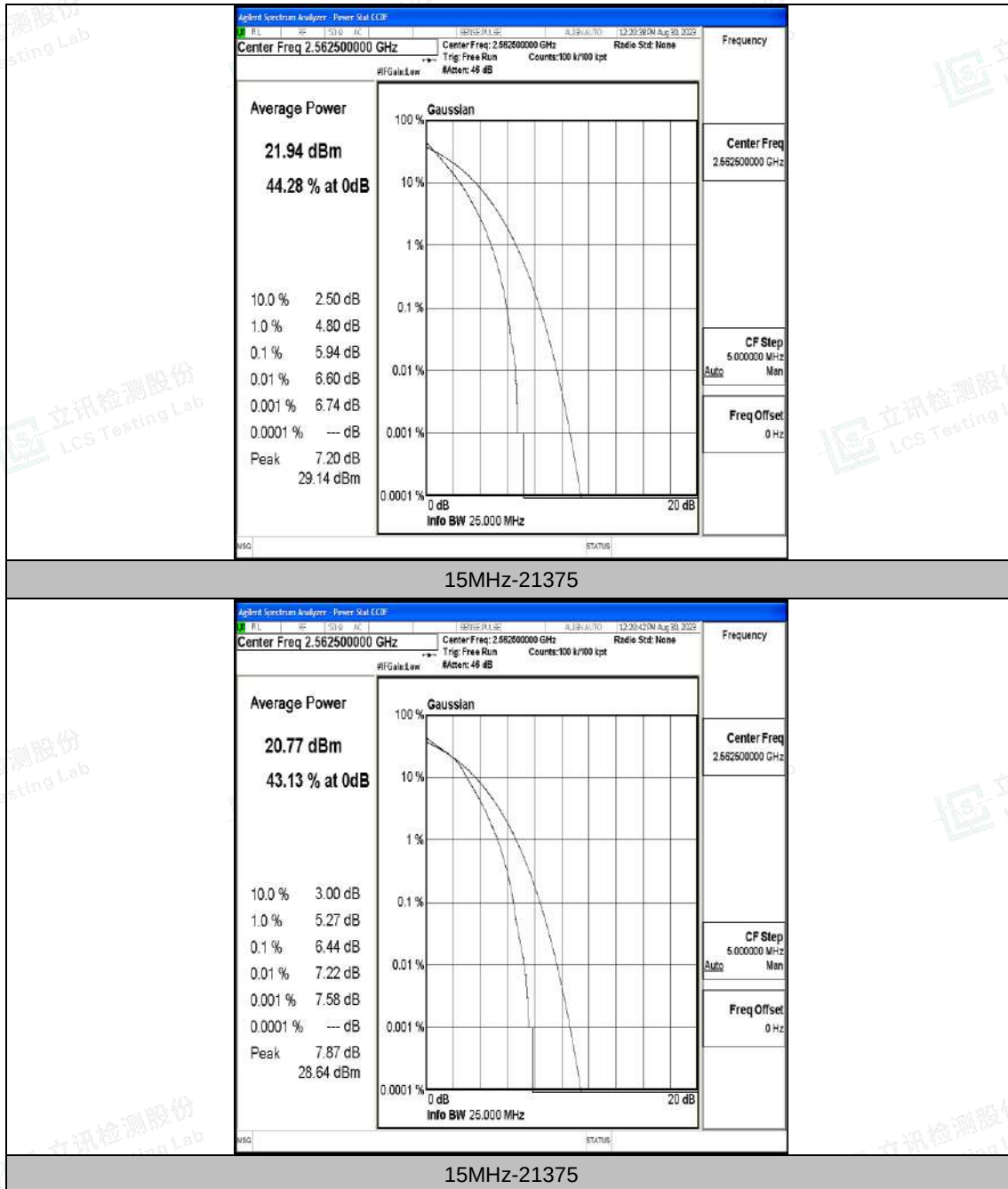


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

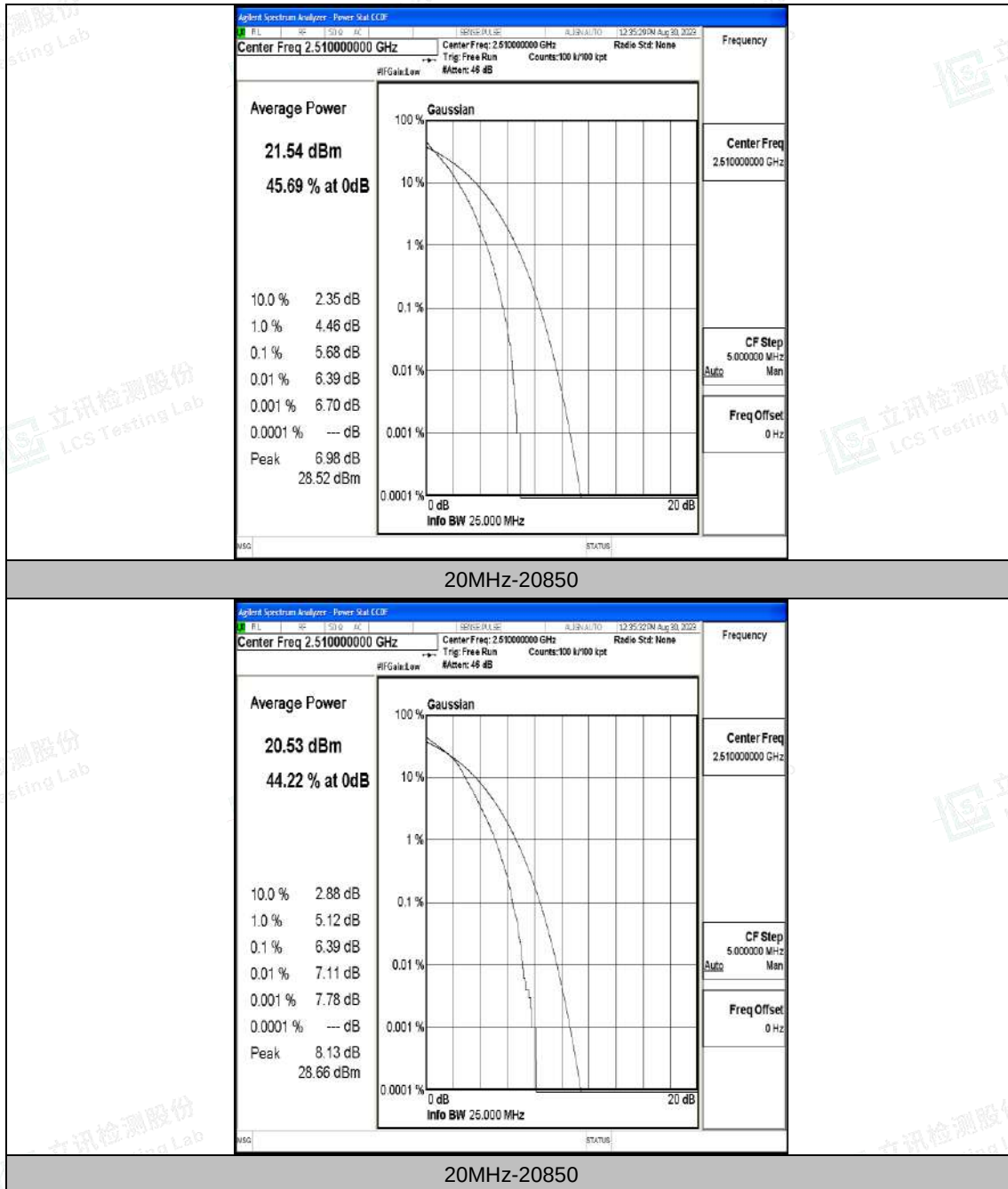


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

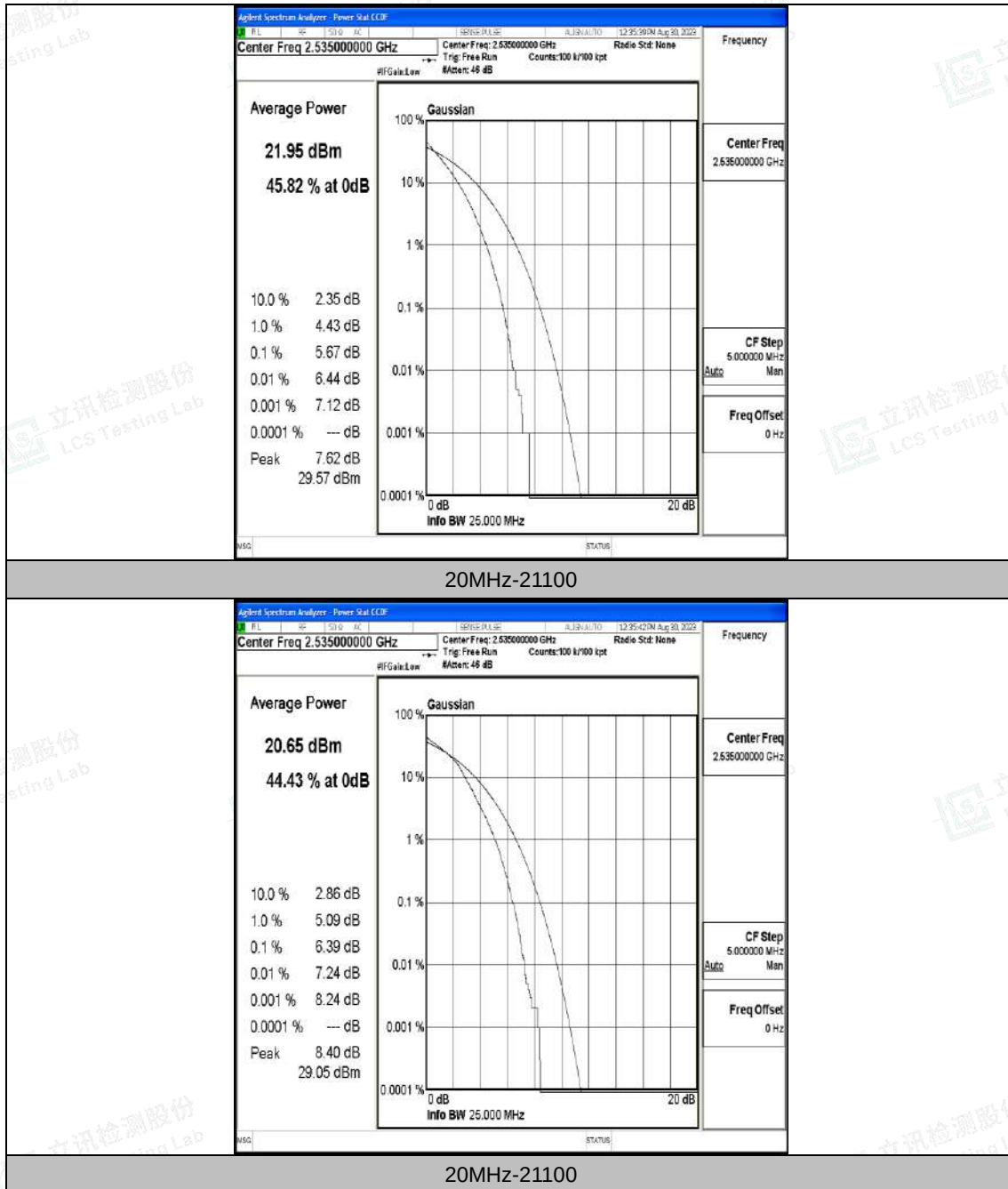


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

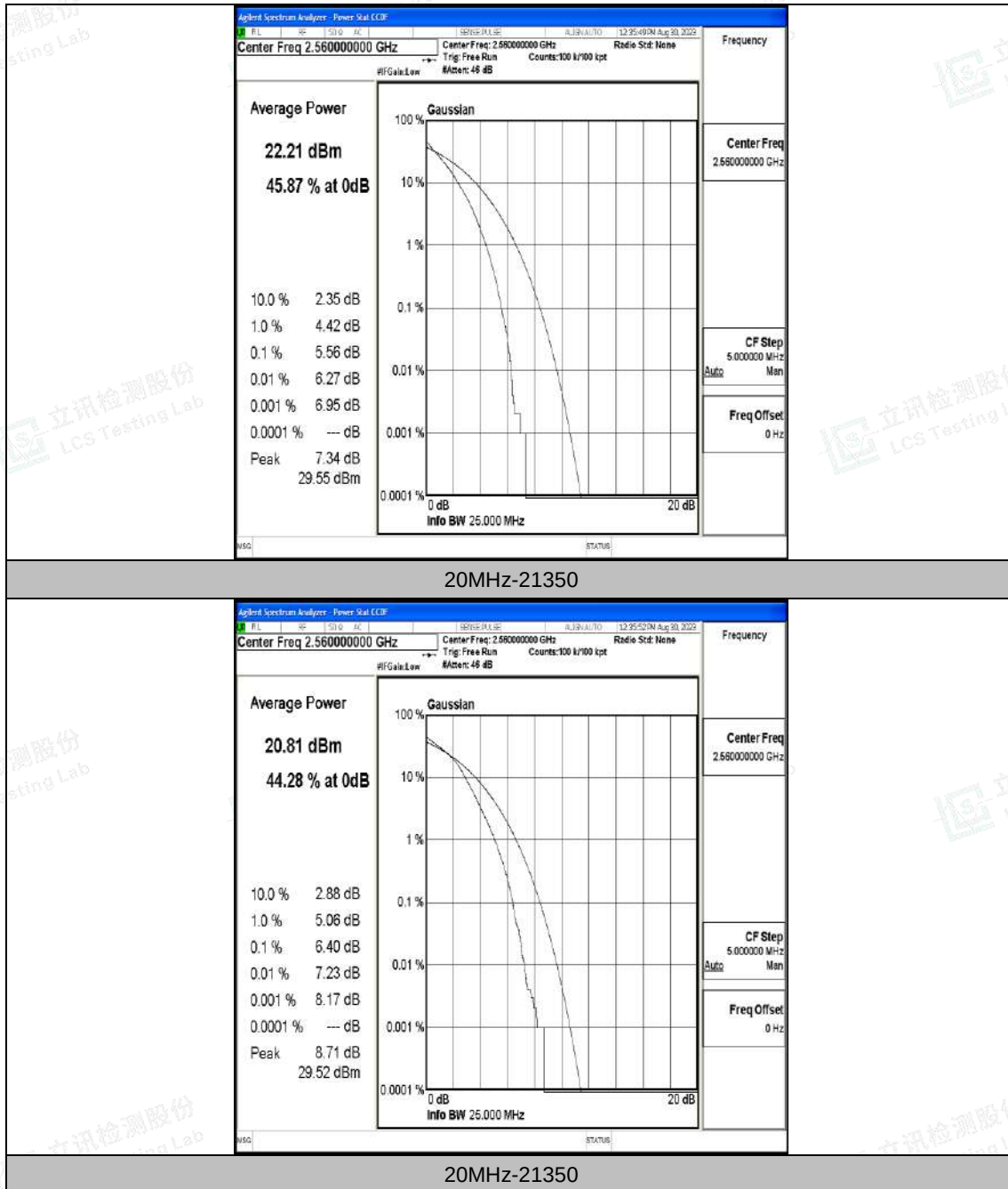


Shenzhen LCS Compliance Testing Laboratory Ltd.

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



G.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5120	4.953	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4914	5.038	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5098	4.921	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4882	4.886	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4940	4.890	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5006	4.949	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9887	9.830	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9711	9.788	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9886	9.841	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9894	9.753	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9712	9.802	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9804	9.798	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.487	14.56	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.456	14.61	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.481	14.50	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.481	14.62	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.433	14.58	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.451	14.61	PASS
Band7	20MHz	QPSK	20850	100RB#0	18.005	19.36	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.009	19.35	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.990	19.52	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.962	19.45	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.920	19.45	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.949	19.34	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

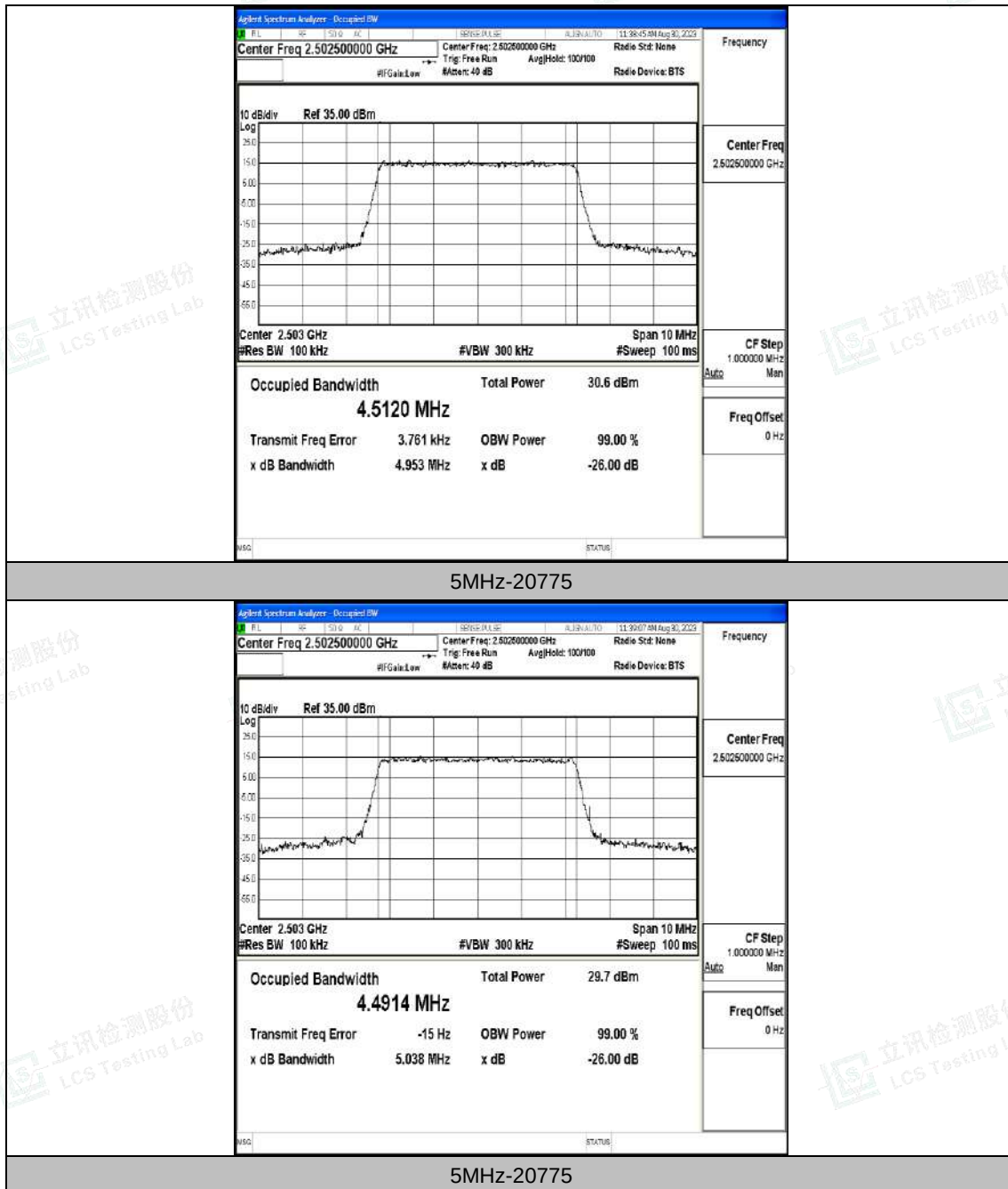
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



Test Graphs

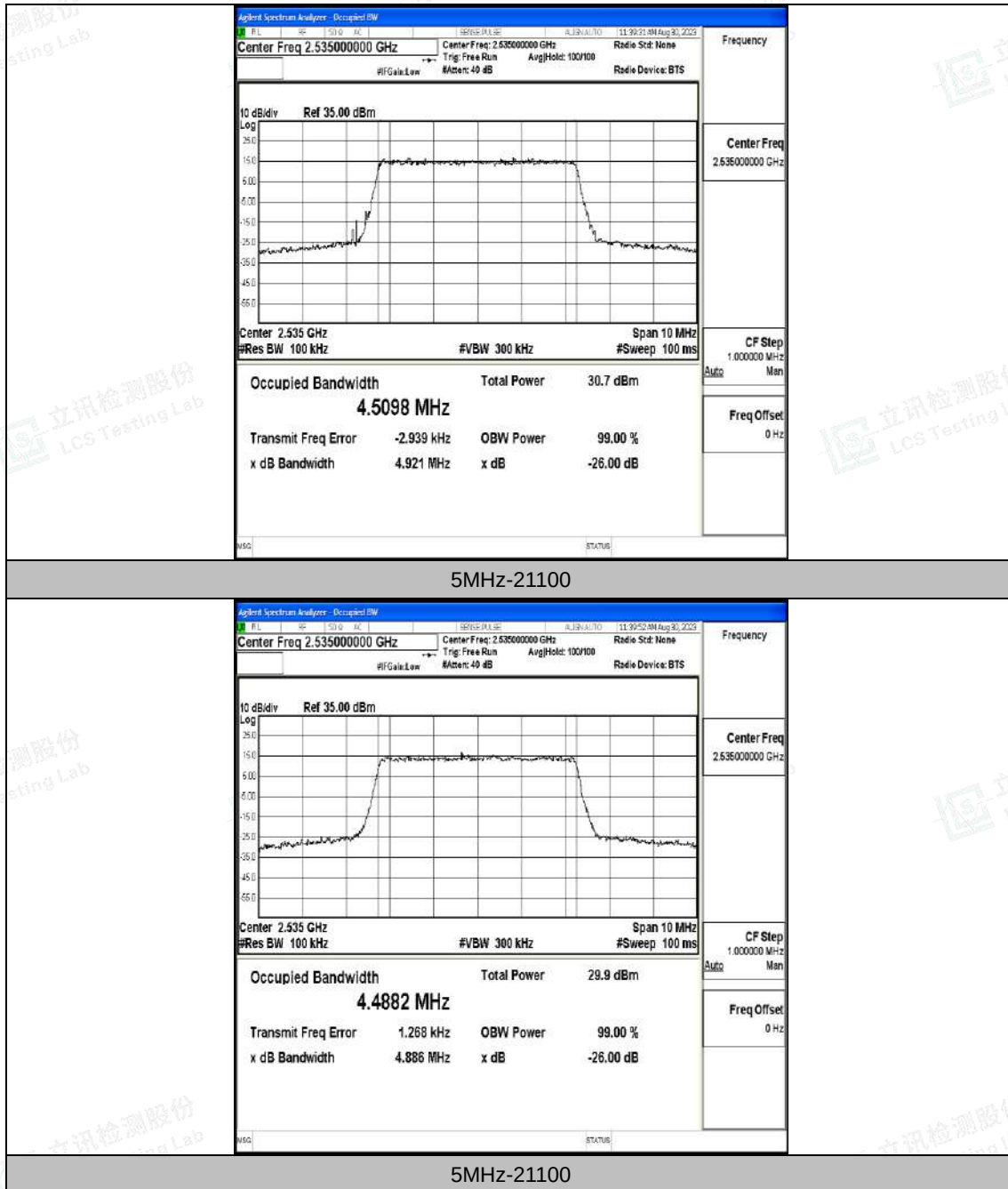


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

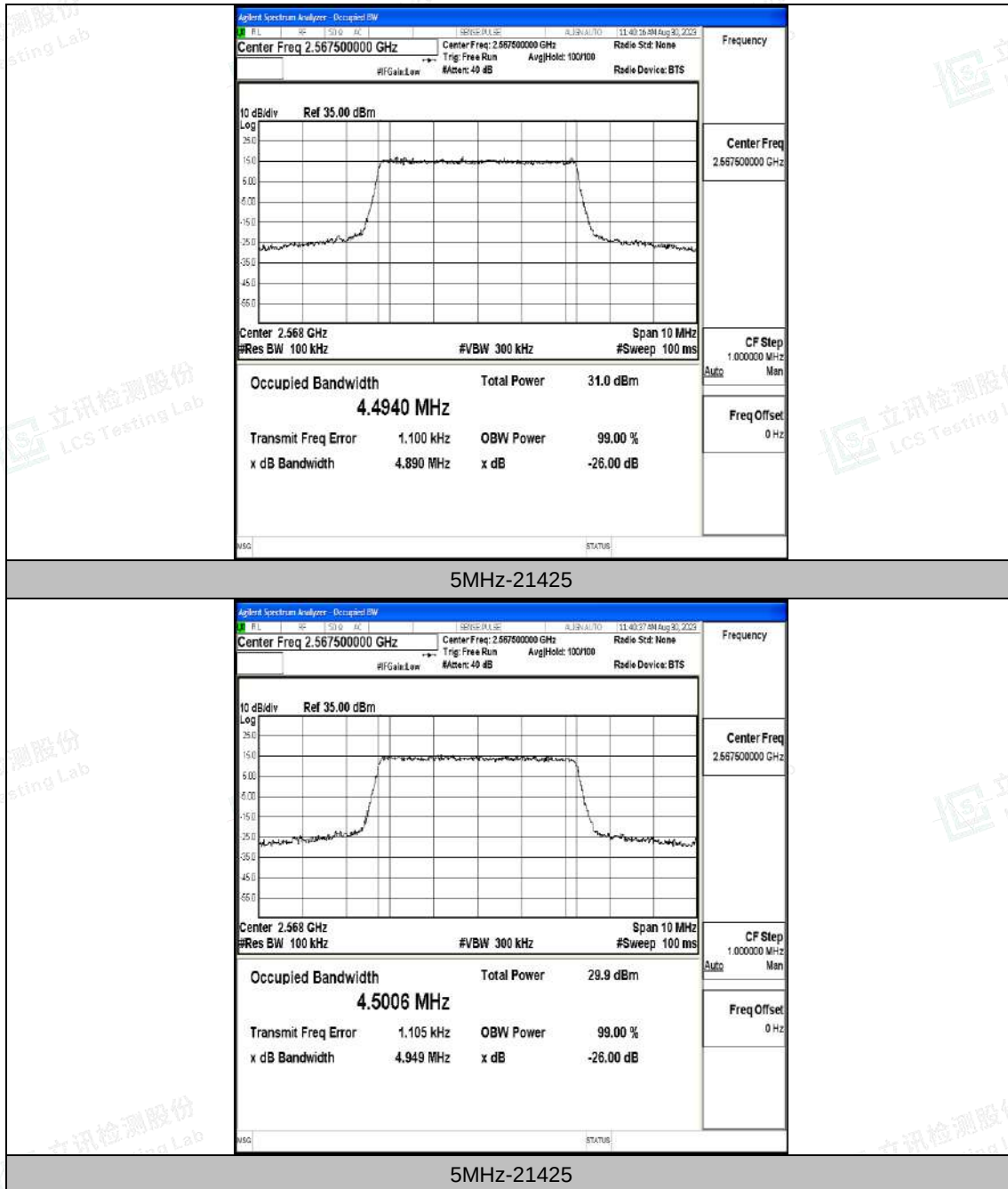


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

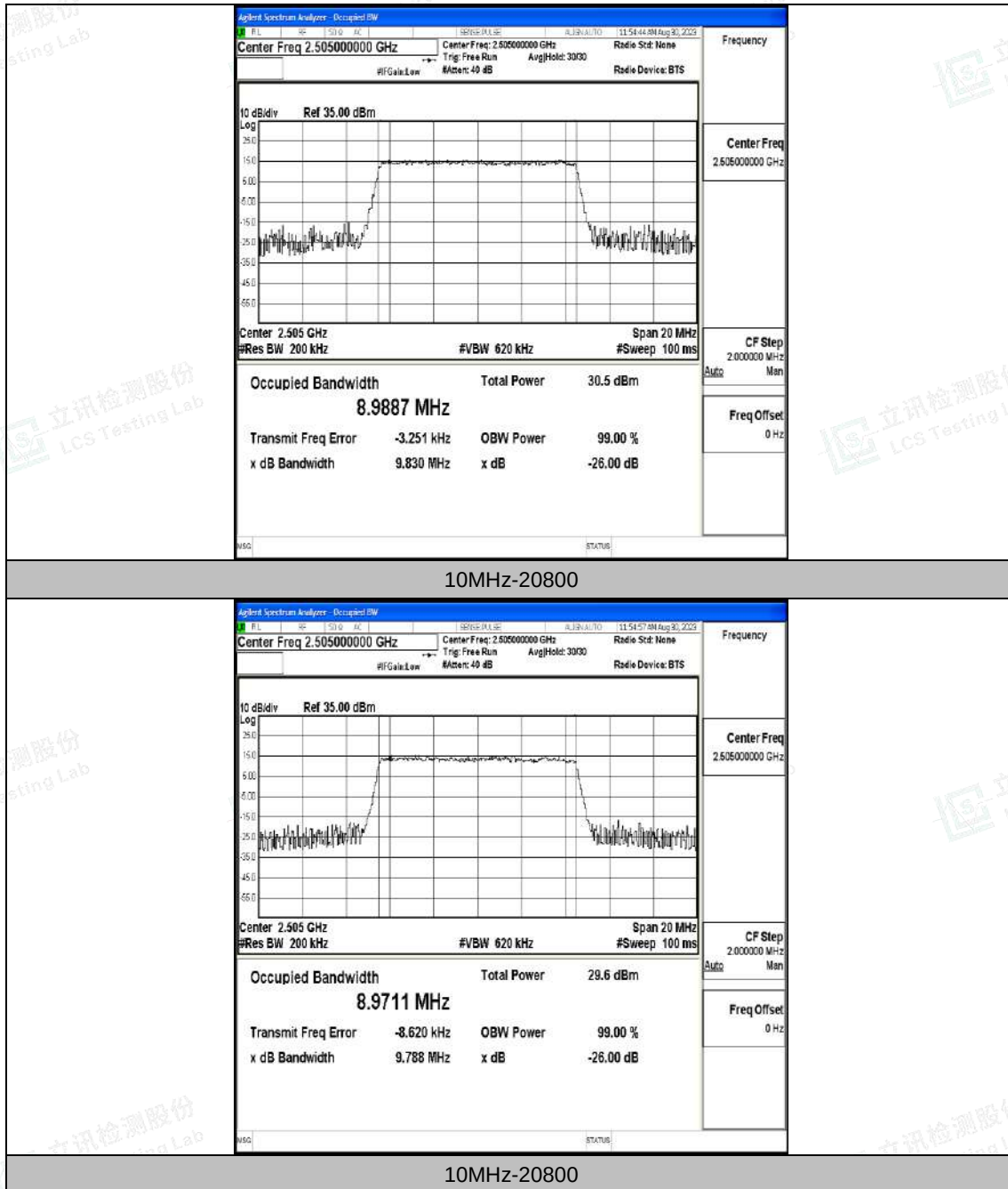


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

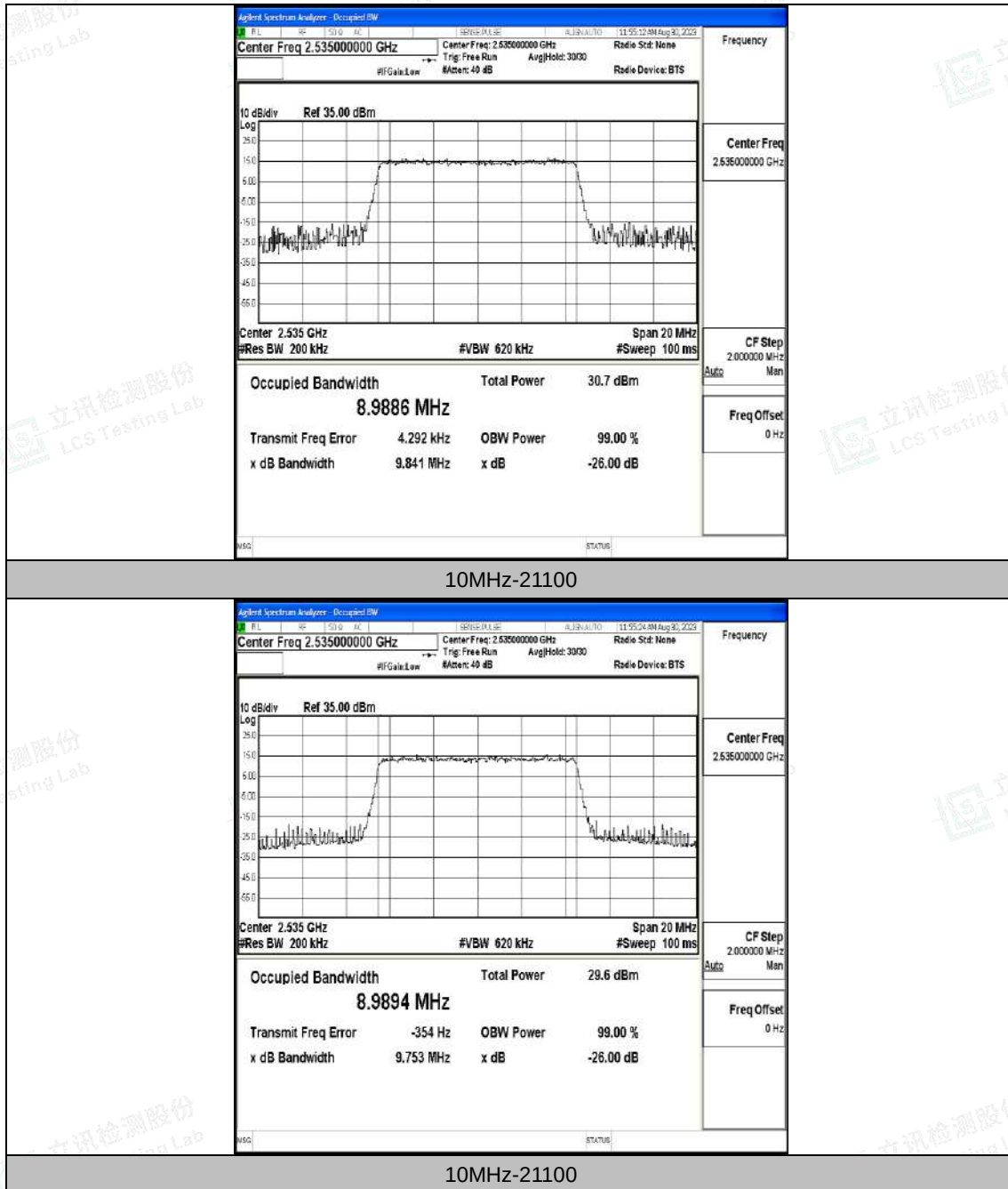


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

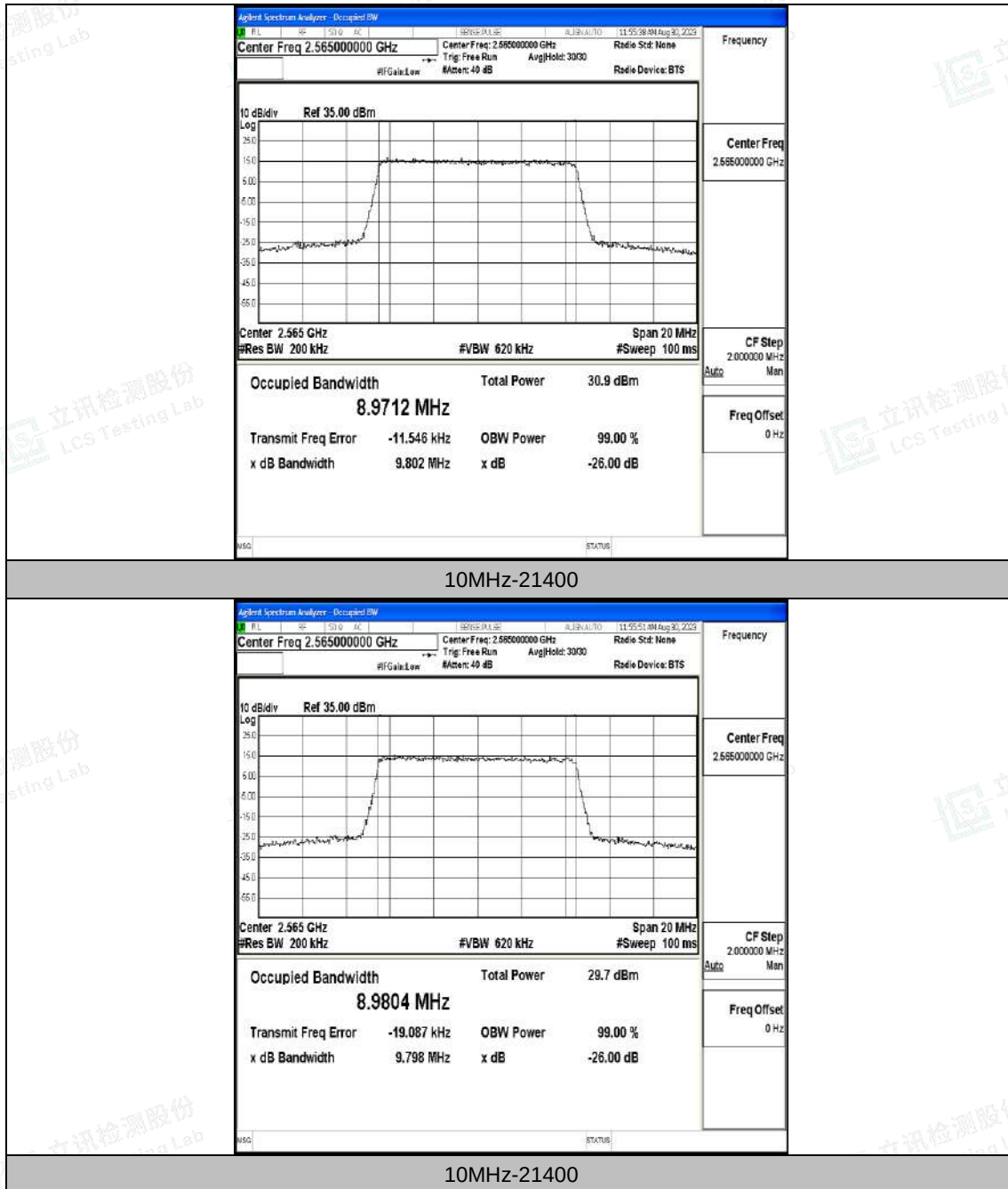


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

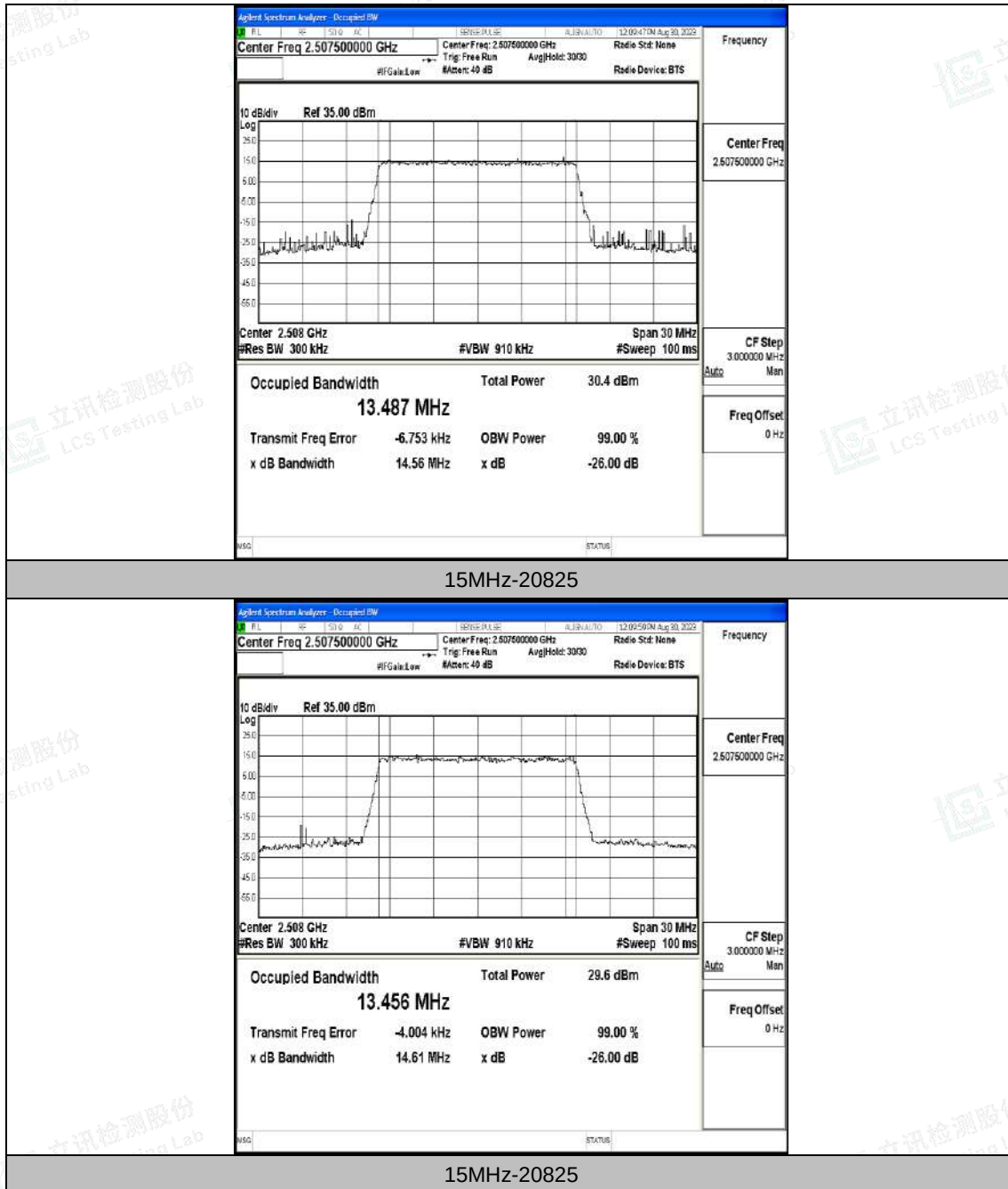


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

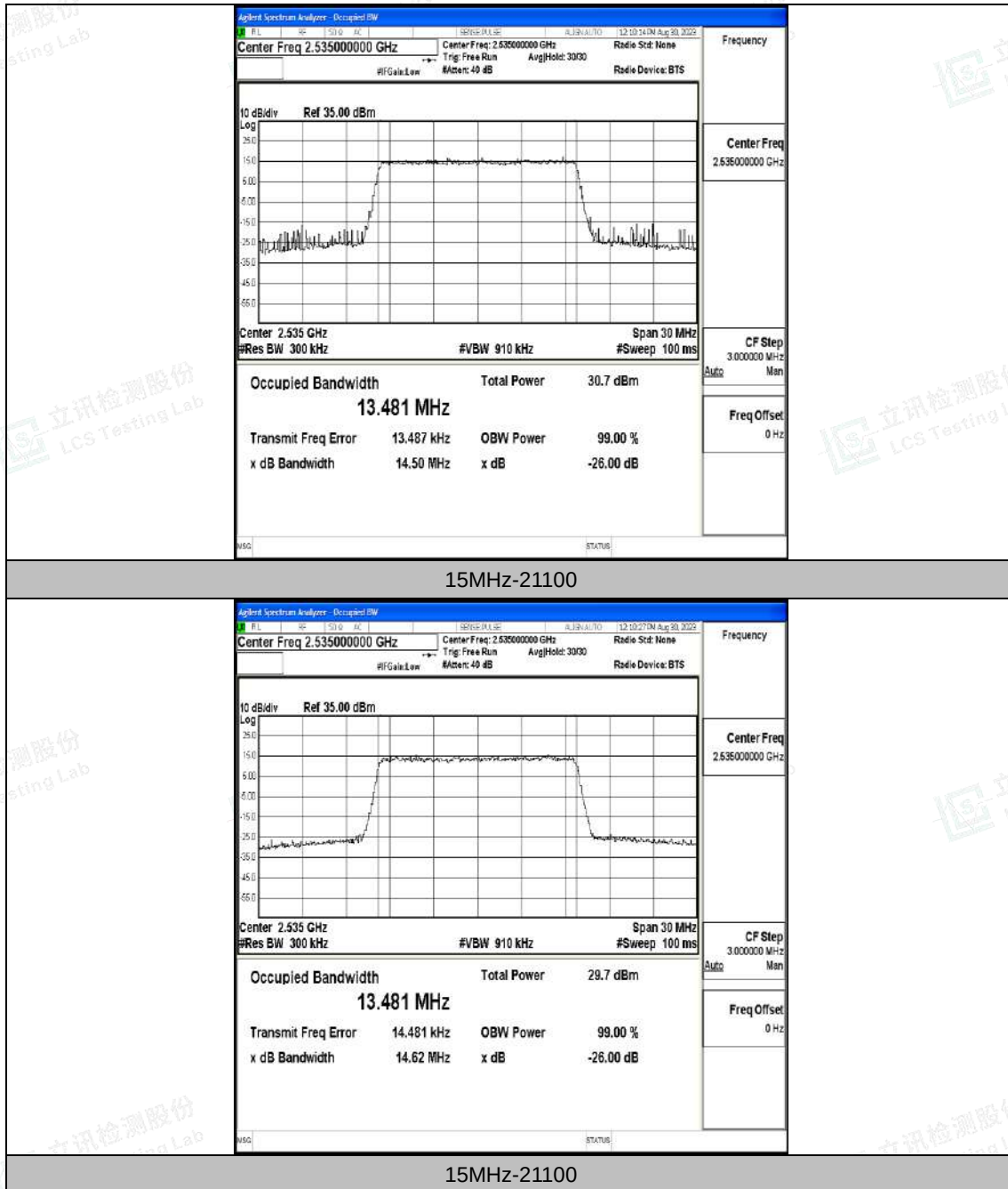


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

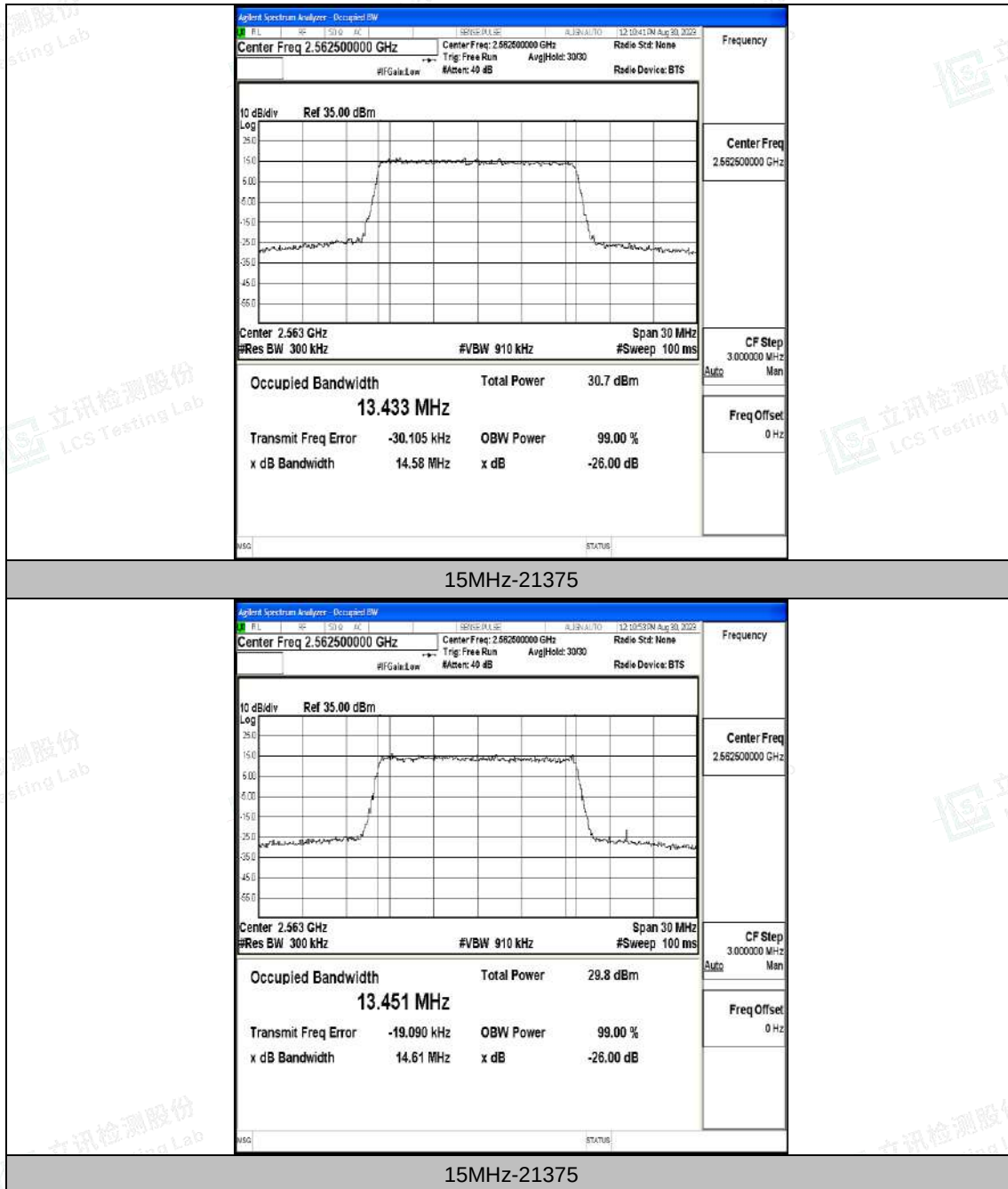


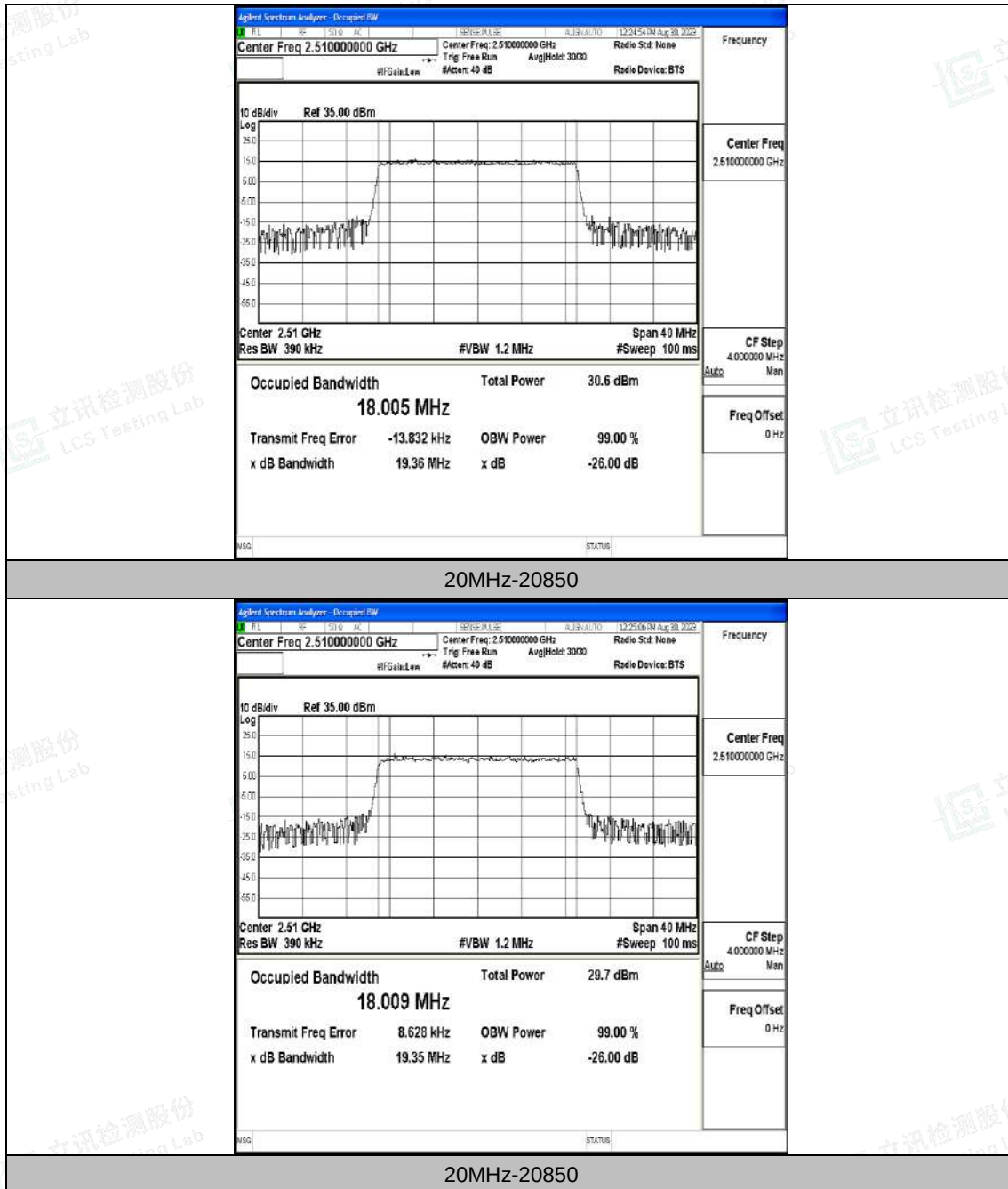
Shenzhen LCS Compliance Testing Laboratory Ltd.

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



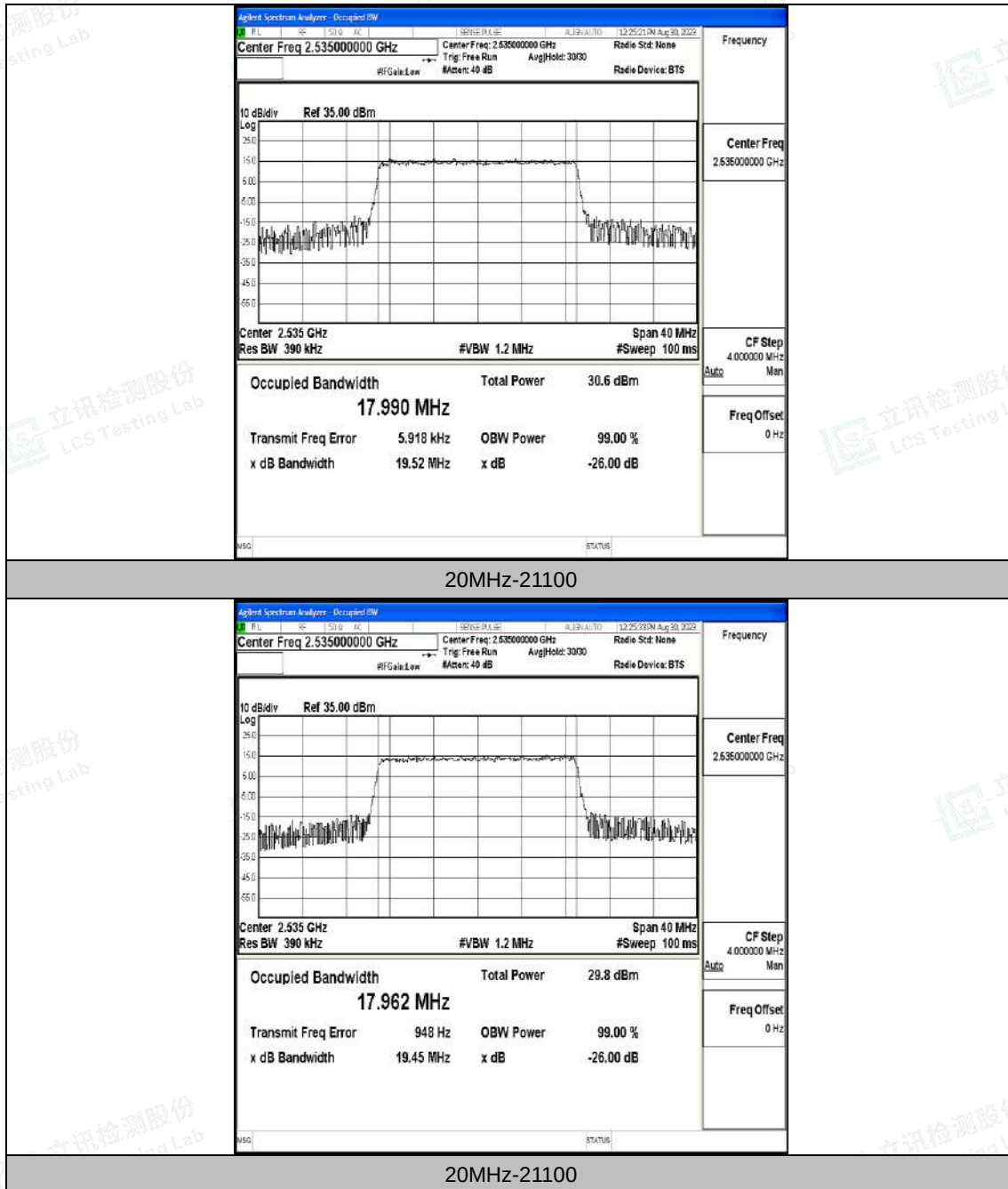


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

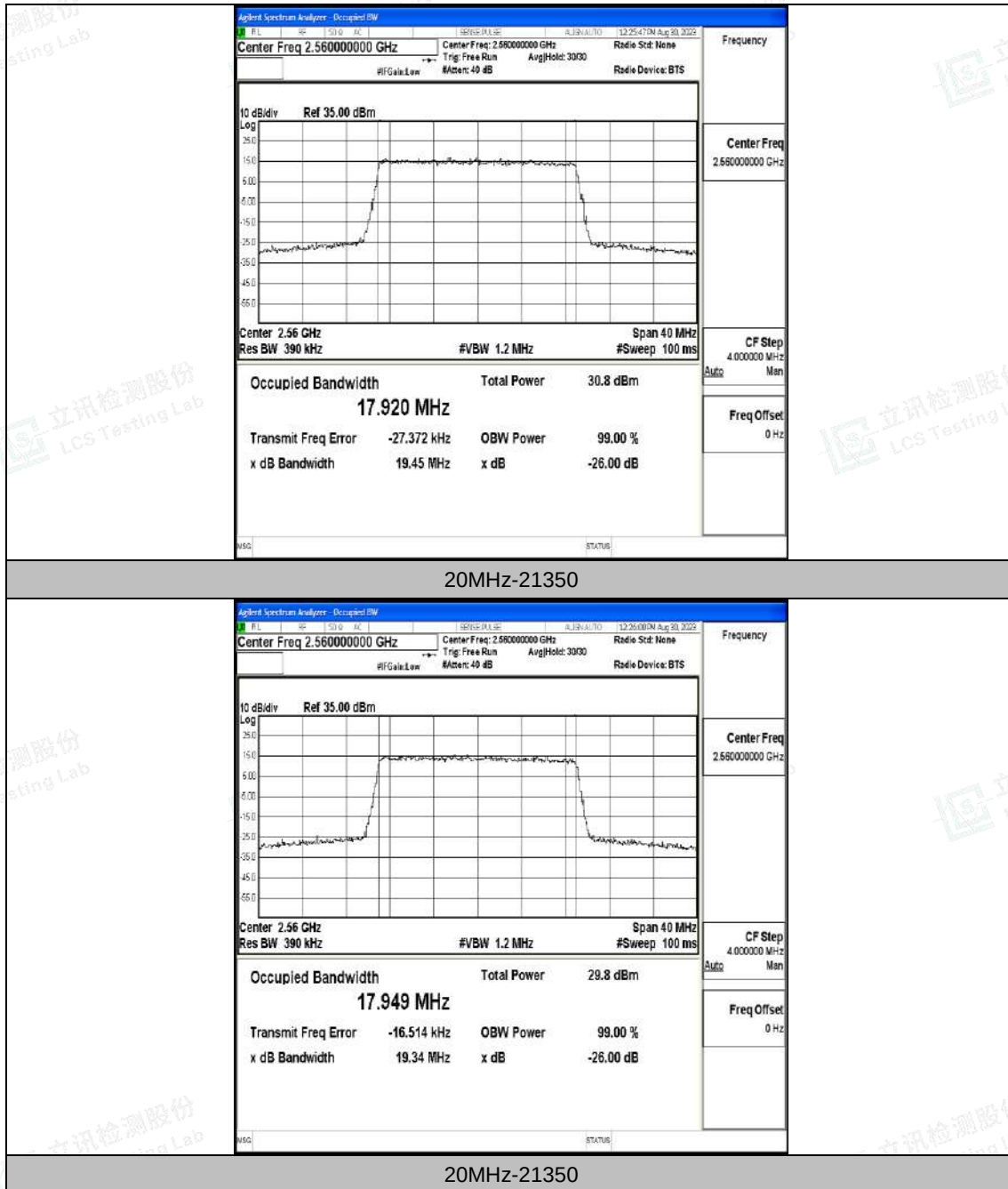


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

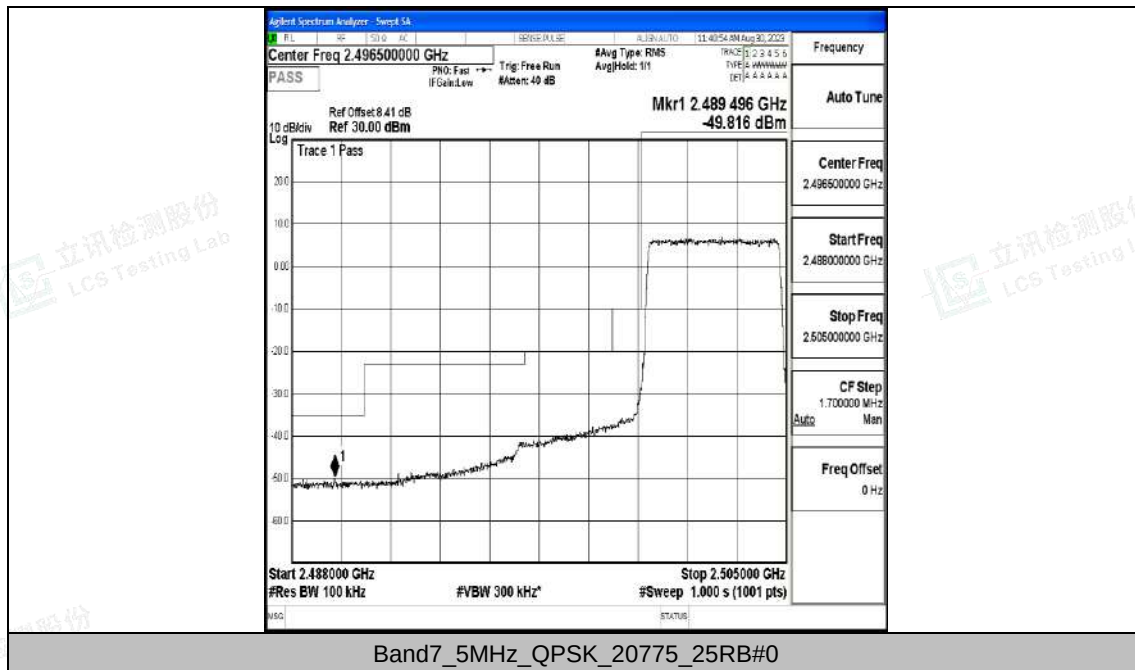


G.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	2489.50	-49.82	PASS
Band7	5MHz	16QAM	20775	25RB#0	2488.82	-50.53	PASS
Band7	5MHz	QPSK	21425	25RB#0	2576.09	-47.59	PASS
Band7	5MHz	16QAM	21425	25RB#0	2576.09	-48.24	PASS
Band7	10MHz	QPSK	20800	50RB#0	2488.50	-43.99	PASS
Band7	10MHz	16QAM	20800	50RB#0	2489.85	-45.18	PASS
Band7	10MHz	QPSK	21400	50RB#0	2580.18	-45.93	PASS
Band7	10MHz	16QAM	21400	50RB#0	2580.83	-46.62	PASS
Band7	15MHz	QPSK	20825	75RB#0	2484.69	-44.50	PASS
Band7	15MHz	16QAM	20825	75RB#0	2484.27	-45.17	PASS
Band7	15MHz	QPSK	21375	75RB#0	2585.24	-44.31	PASS
Band7	15MHz	16QAM	21375	75RB#0	2586.08	-45.18	PASS
Band7	20MHz	QPSK	20850	100RB#0	2480.00	-44.90	PASS
Band7	20MHz	16QAM	20850	100RB#0	2479.46	-45.21	PASS
Band7	20MHz	QPSK	21350	100RB#0	2590.01	-44.57	PASS
Band7	20MHz	16QAM	21350	100RB#0	2590.14	-44.49	PASS

Test Graphs



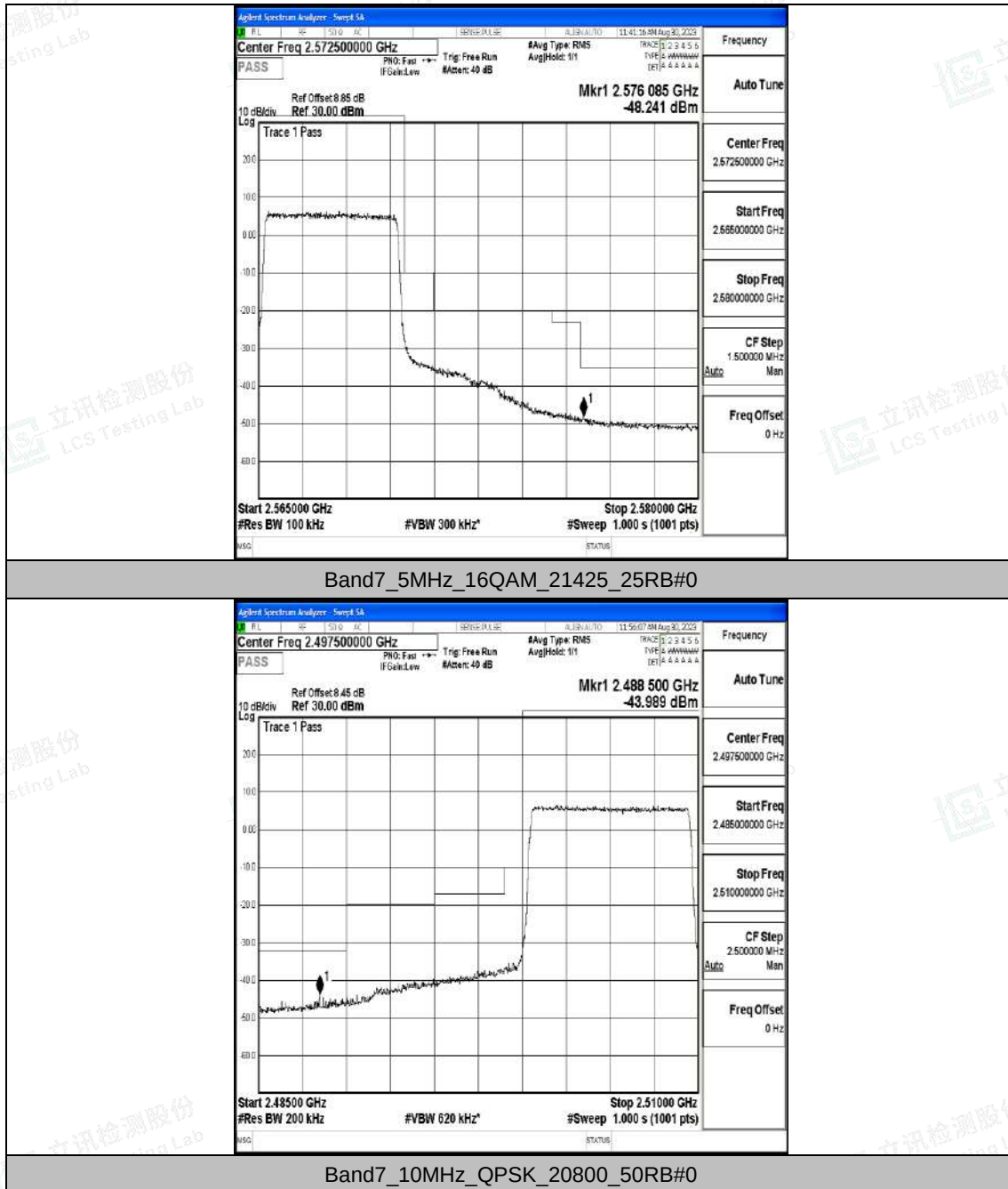


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

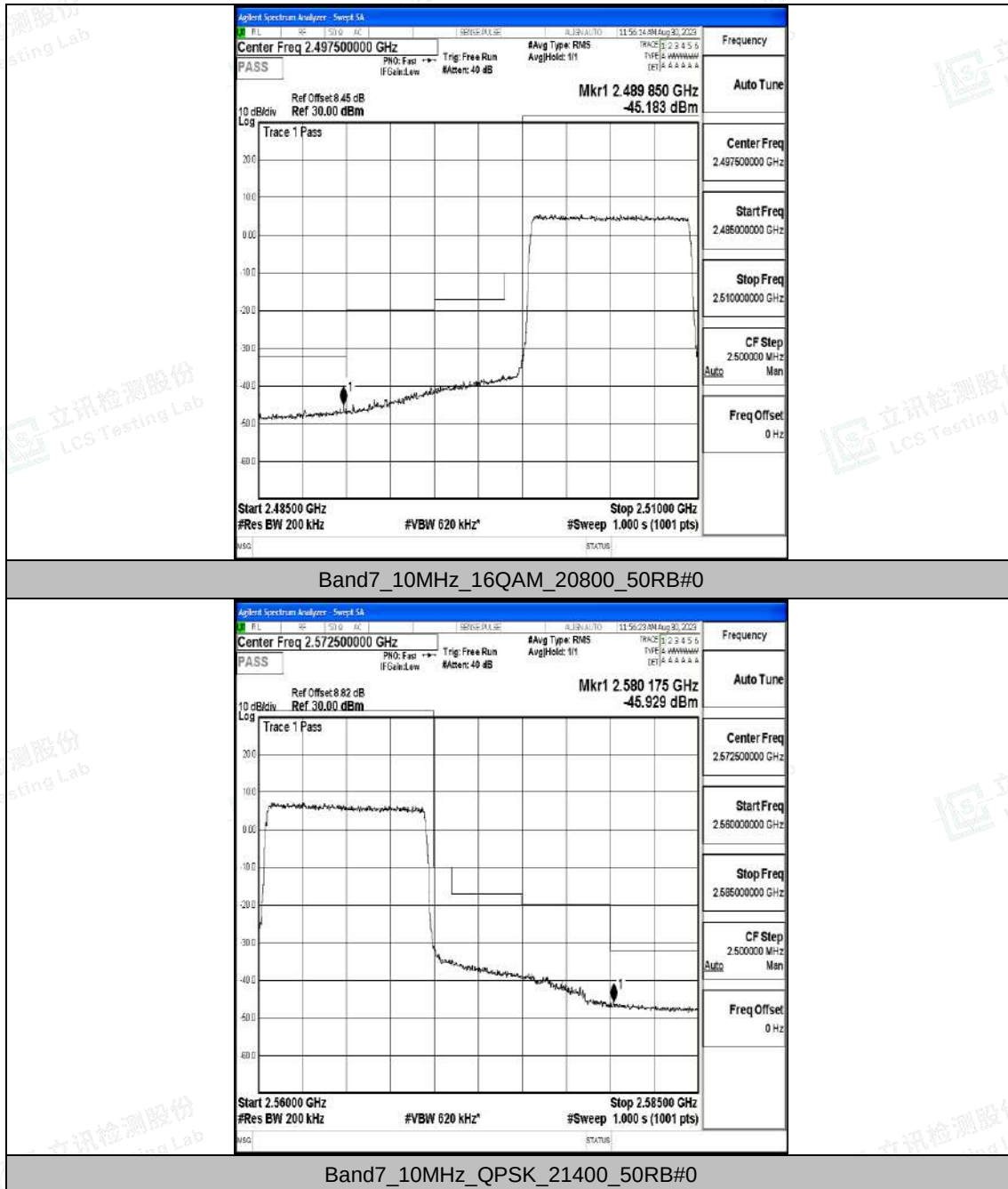


Shenzhen LCS Compliance Testing Laboratory Ltd.

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



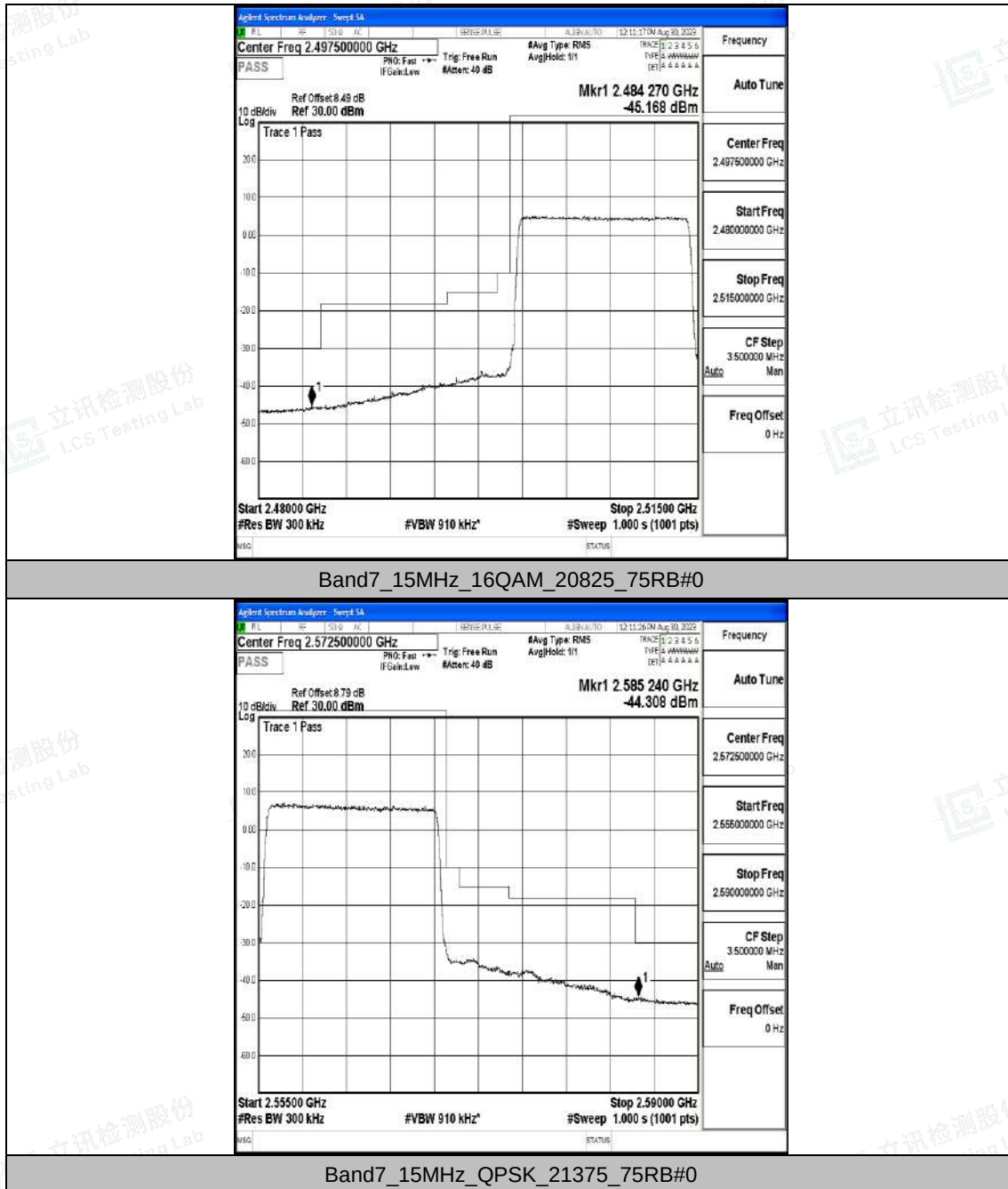


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

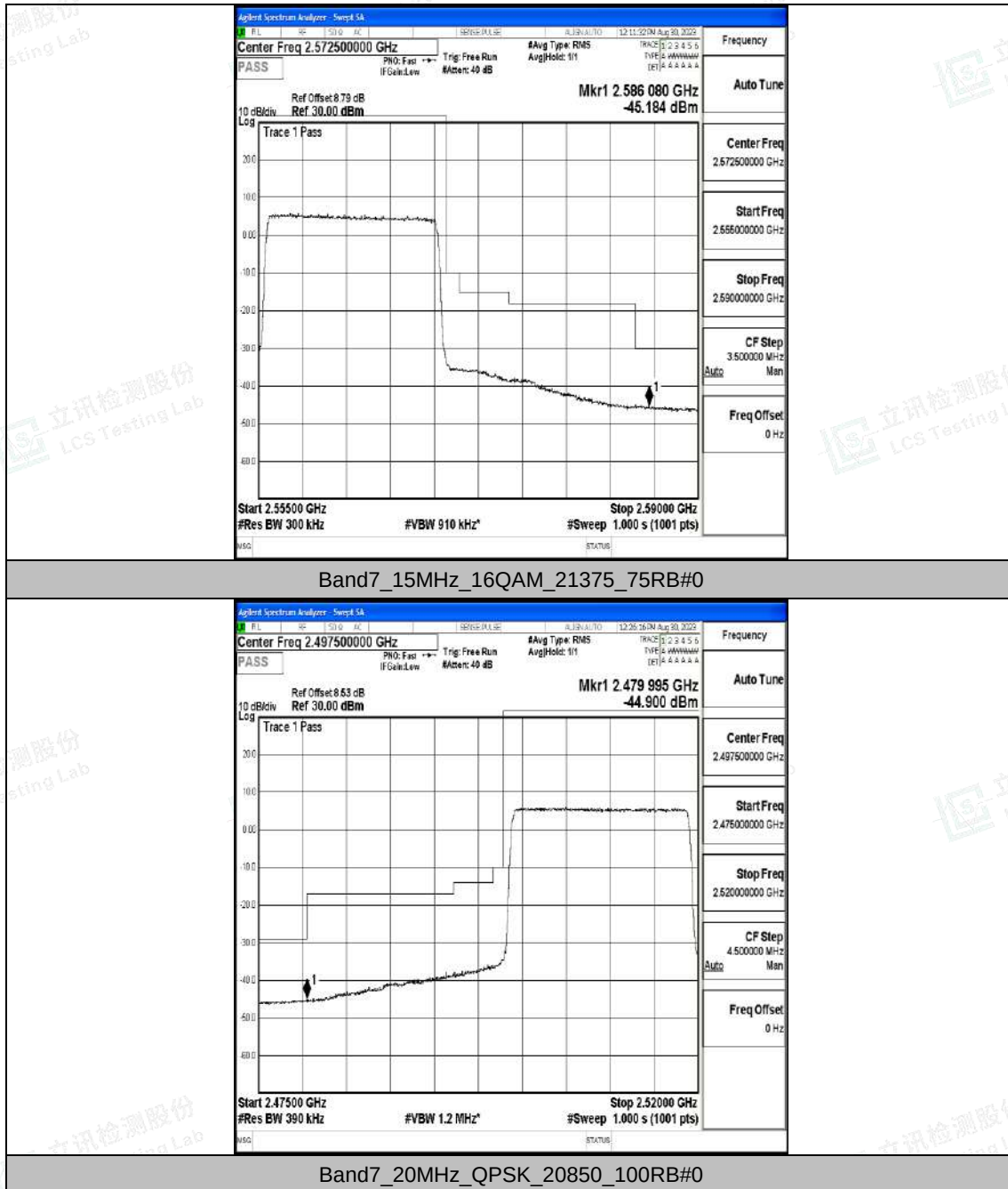


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

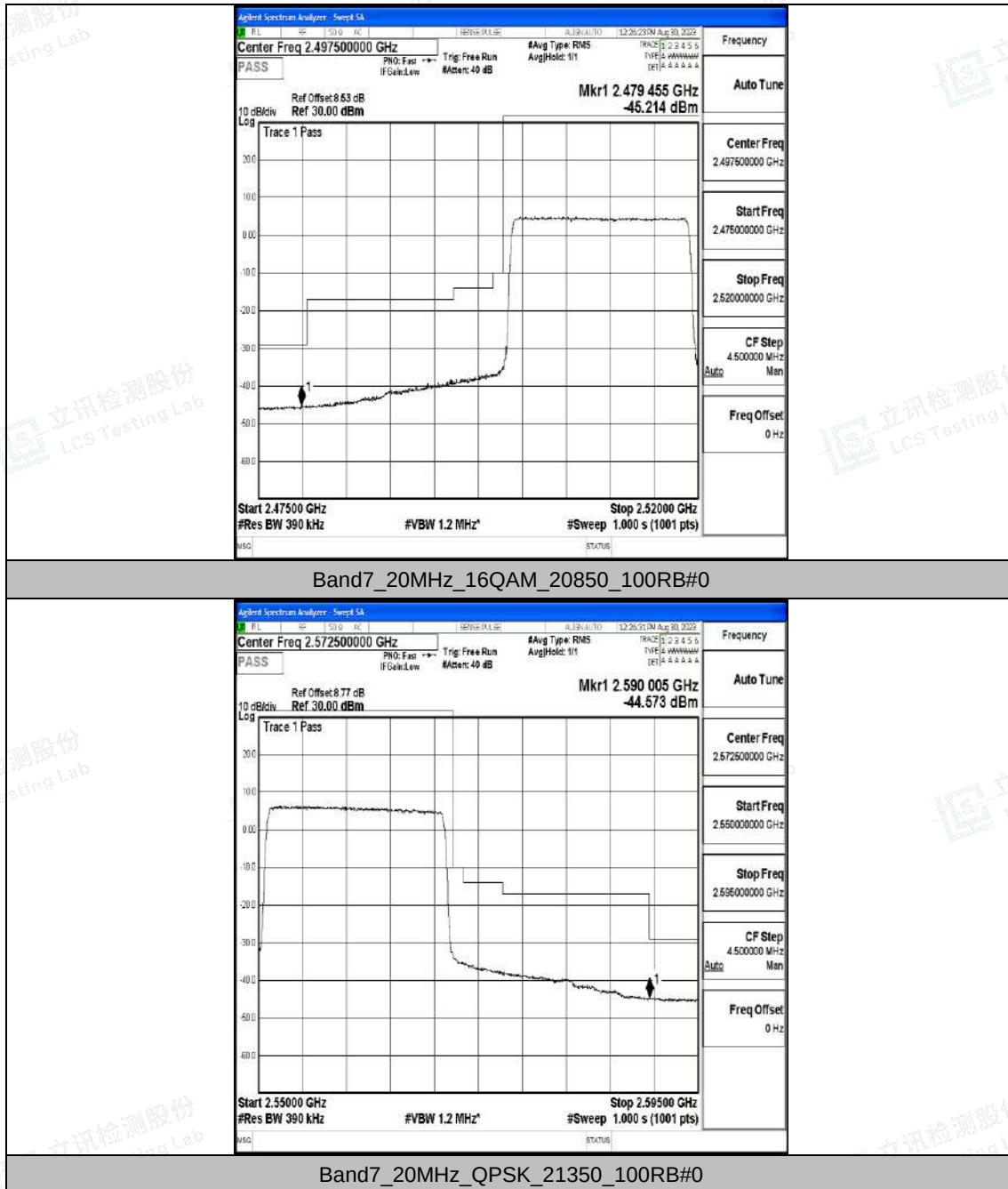


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

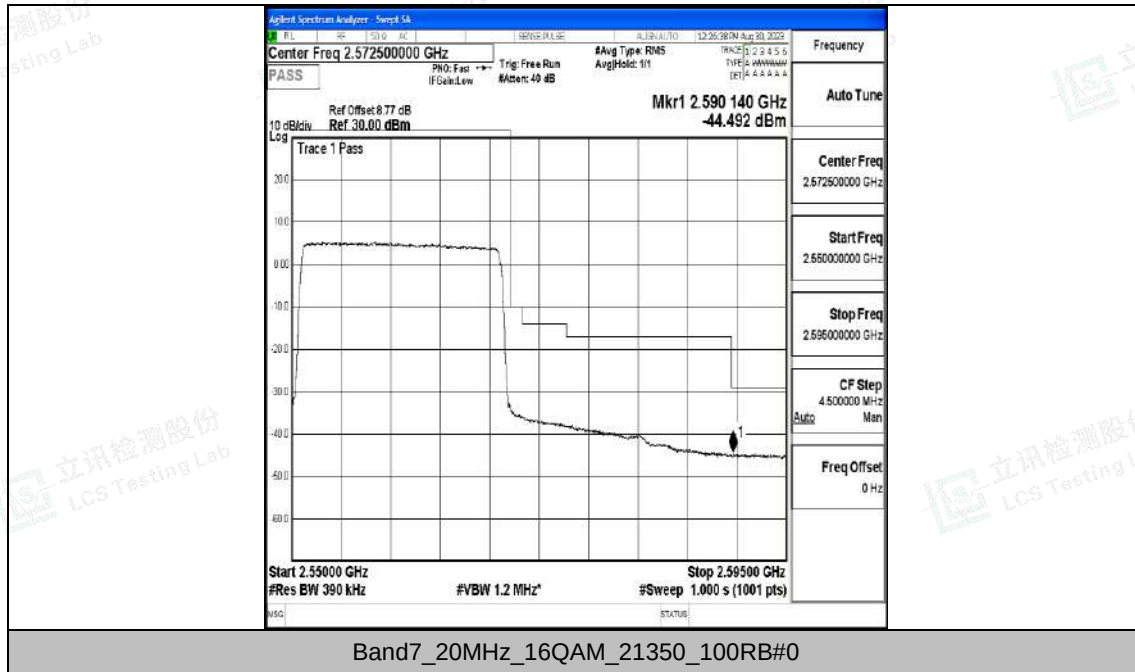


Shenzhen LCS Compliance Testing Laboratory Ltd.

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





G.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	0.009~0.15	-66.44	PASS
Band7	5MHz	QPSK	20775	1RB#0	0.15~30	-53.99	PASS
Band7	5MHz	QPSK	20775	1RB#0	30~1000	-54.05	PASS
Band7	5MHz	QPSK	20775	1RB#0	1000~20000	-33.24	PASS
Band7	5MHz	QPSK	20775	1RB#0	20000~27000	-45.75	PASS
Band7	5MHz	16QAM	20775	1RB#0	0.009~0.15	-67.64	PASS
Band7	5MHz	16QAM	20775	1RB#0	0.15~30	-55.45	PASS
Band7	5MHz	16QAM	20775	1RB#0	30~1000	-54.00	PASS
Band7	5MHz	16QAM	20775	1RB#0	1000~20000	-33.25	PASS
Band7	5MHz	16QAM	20775	1RB#0	20000~27000	-45.27	PASS
Band7	5MHz	QPSK	21100	1RB#0	0.009~0.15	-68.49	PASS
Band7	5MHz	QPSK	21100	1RB#0	0.15~30	-52.06	PASS
Band7	5MHz	QPSK	21100	1RB#0	30~1000	-54.03	PASS
Band7	5MHz	QPSK	21100	1RB#0	1000~20000	-33.40	PASS
Band7	5MHz	QPSK	21100	1RB#0	20000~27000	-45.53	PASS
Band7	5MHz	16QAM	21100	1RB#0	0.009~0.15	-68.28	PASS
Band7	5MHz	16QAM	21100	1RB#0	0.15~30	-54.60	PASS
Band7	5MHz	16QAM	21100	1RB#0	30~1000	-53.93	PASS
Band7	5MHz	16QAM	21100	1RB#0	1000~20000	-33.37	PASS
Band7	5MHz	16QAM	21100	1RB#0	20000~27000	-45.68	PASS
Band7	5MHz	QPSK	21425	1RB#0	0.009~0.15	-67.25	PASS
Band7	5MHz	QPSK	21425	1RB#0	0.15~30	-51.81	PASS
Band7	5MHz	QPSK	21425	1RB#0	30~1000	-53.91	PASS
Band7	5MHz	QPSK	21425	1RB#0	1000~20000	-33.34	PASS
Band7	5MHz	QPSK	21425	1RB#0	20000~27000	-45.35	PASS
Band7	5MHz	16QAM	21425	1RB#0	0.009~0.15	-69.05	PASS
Band7	5MHz	16QAM	21425	1RB#0	0.15~30	-54.37	PASS
Band7	5MHz	16QAM	21425	1RB#0	30~1000	-54.05	PASS
Band7	5MHz	16QAM	21425	1RB#0	1000~20000	-33.71	PASS
Band7	5MHz	16QAM	21425	1RB#0	20000~27000	-45.54	PASS
Band7	10MHz	QPSK	20800	1RB#0	0.009~0.15	-70.75	PASS
Band7	10MHz	QPSK	20800	1RB#0	0.15~30	-52.88	PASS
Band7	10MHz	QPSK	20800	1RB#0	30~1000	-53.88	PASS
Band7	10MHz	QPSK	20800	1RB#0	1000~20000	-33.79	PASS
Band7	10MHz	QPSK	20800	1RB#0	20000~27000	-45.98	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



Band7	10MHz	16QAM	20800	1RB#0	0.009~0.15	-70.05	PASS
Band7	10MHz	16QAM	20800	1RB#0	0.15~30	-52.23	PASS
Band7	10MHz	16QAM	20800	1RB#0	30~1000	-53.91	PASS
Band7	10MHz	16QAM	20800	1RB#0	1000~20000	-33.01	PASS
Band7	10MHz	16QAM	20800	1RB#0	20000~27000	-45.70	PASS
Band7	10MHz	QPSK	21100	1RB#0	0.009~0.15	-68.10	PASS
Band7	10MHz	QPSK	21100	1RB#0	0.15~30	-54.67	PASS
Band7	10MHz	QPSK	21100	1RB#0	30~1000	-53.97	PASS
Band7	10MHz	QPSK	21100	1RB#0	1000~20000	-33.49	PASS
Band7	10MHz	QPSK	21100	1RB#0	20000~27000	-45.97	PASS
Band7	10MHz	16QAM	21100	1RB#0	0.009~0.15	-65.57	PASS
Band7	10MHz	16QAM	21100	1RB#0	0.15~30	-54.22	PASS
Band7	10MHz	16QAM	21100	1RB#0	30~1000	-53.84	PASS
Band7	10MHz	16QAM	21100	1RB#0	1000~20000	-32.87	PASS
Band7	10MHz	16QAM	21100	1RB#0	20000~27000	-45.54	PASS
Band7	10MHz	QPSK	21400	1RB#0	0.009~0.15	-70.05	PASS
Band7	10MHz	QPSK	21400	1RB#0	0.15~30	-51.30	PASS
Band7	10MHz	QPSK	21400	1RB#0	30~1000	-53.96	PASS
Band7	10MHz	QPSK	21400	1RB#0	1000~20000	-33.41	PASS
Band7	10MHz	QPSK	21400	1RB#0	20000~27000	-45.77	PASS
Band7	10MHz	16QAM	21400	1RB#0	0.009~0.15	-67.47	PASS
Band7	10MHz	16QAM	21400	1RB#0	0.15~30	-52.95	PASS
Band7	10MHz	16QAM	21400	1RB#0	30~1000	-53.96	PASS
Band7	10MHz	16QAM	21400	1RB#0	1000~20000	-33.42	PASS
Band7	10MHz	16QAM	21400	1RB#0	20000~27000	-45.81	PASS
Band7	15MHz	QPSK	20825	1RB#0	0.009~0.15	-65.61	PASS
Band7	15MHz	QPSK	20825	1RB#0	0.15~30	-53.10	PASS
Band7	15MHz	QPSK	20825	1RB#0	30~1000	-53.89	PASS
Band7	15MHz	QPSK	20825	1RB#0	1000~20000	-33.01	PASS
Band7	15MHz	QPSK	20825	1RB#0	20000~27000	-45.25	PASS
Band7	15MHz	16QAM	20825	1RB#0	0.009~0.15	-68.93	PASS
Band7	15MHz	16QAM	20825	1RB#0	0.15~30	-54.72	PASS
Band7	15MHz	16QAM	20825	1RB#0	30~1000	-53.94	PASS
Band7	15MHz	16QAM	20825	1RB#0	1000~20000	-33.30	PASS
Band7	15MHz	16QAM	20825	1RB#0	20000~27000	-45.73	PASS
Band7	15MHz	QPSK	21100	1RB#0	0.009~0.15	-64.72	PASS
Band7	15MHz	QPSK	21100	1RB#0	0.15~30	-52.82	PASS
Band7	15MHz	QPSK	21100	1RB#0	30~1000	-54.00	PASS
Band7	15MHz	QPSK	21100	1RB#0	1000~20000	-33.31	PASS
Band7	15MHz	QPSK	21100	1RB#0	20000~27000	-45.48	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



Band7	15MHz	16QAM	21100	1RB#0	0.009~0.15	-67.24	PASS
Band7	15MHz	16QAM	21100	1RB#0	0.15~30	-54.71	PASS
Band7	15MHz	16QAM	21100	1RB#0	30~1000	-53.83	PASS
Band7	15MHz	16QAM	21100	1RB#0	1000~20000	-33.62	PASS
Band7	15MHz	16QAM	21100	1RB#0	20000~27000	-45.52	PASS
Band7	15MHz	QPSK	21375	1RB#0	0.009~0.15	-70.31	PASS
Band7	15MHz	QPSK	21375	1RB#0	0.15~30	-52.24	PASS
Band7	15MHz	QPSK	21375	1RB#0	30~1000	-53.99	PASS
Band7	15MHz	QPSK	21375	1RB#0	1000~20000	-33.76	PASS
Band7	15MHz	QPSK	21375	1RB#0	20000~27000	-45.65	PASS
Band7	15MHz	16QAM	21375	1RB#0	0.009~0.15	-68.75	PASS
Band7	15MHz	16QAM	21375	1RB#0	0.15~30	-54.76	PASS
Band7	15MHz	16QAM	21375	1RB#0	30~1000	-53.93	PASS
Band7	15MHz	16QAM	21375	1RB#0	1000~20000	-33.52	PASS
Band7	15MHz	16QAM	21375	1RB#0	20000~27000	-45.55	PASS
Band7	20MHz	QPSK	20850	1RB#0	0.009~0.15	-68.24	PASS
Band7	20MHz	QPSK	20850	1RB#0	0.15~30	-53.29	PASS
Band7	20MHz	QPSK	20850	1RB#0	30~1000	-54.09	PASS
Band7	20MHz	QPSK	20850	1RB#0	1000~20000	-33.71	PASS
Band7	20MHz	QPSK	20850	1RB#0	20000~27000	-45.57	PASS
Band7	20MHz	16QAM	20850	1RB#0	0.009~0.15	-65.38	PASS
Band7	20MHz	16QAM	20850	1RB#0	0.15~30	-53.12	PASS
Band7	20MHz	16QAM	20850	1RB#0	30~1000	-53.98	PASS
Band7	20MHz	16QAM	20850	1RB#0	1000~20000	-33.17	PASS
Band7	20MHz	16QAM	20850	1RB#0	20000~27000	-45.71	PASS
Band7	20MHz	QPSK	21100	1RB#0	0.009~0.15	-66.19	PASS
Band7	20MHz	QPSK	21100	1RB#0	0.15~30	-53.02	PASS
Band7	20MHz	QPSK	21100	1RB#0	30~1000	-53.84	PASS
Band7	20MHz	QPSK	21100	1RB#0	1000~20000	-33.02	PASS
Band7	20MHz	QPSK	21100	1RB#0	20000~27000	-45.54	PASS
Band7	20MHz	16QAM	21100	1RB#0	0.009~0.15	-68.21	PASS
Band7	20MHz	16QAM	21100	1RB#0	0.15~30	-52.17	PASS
Band7	20MHz	16QAM	21100	1RB#0	30~1000	-53.91	PASS
Band7	20MHz	16QAM	21100	1RB#0	1000~20000	-33.17	PASS
Band7	20MHz	16QAM	21100	1RB#0	20000~27000	-45.43	PASS
Band7	20MHz	QPSK	21350	1RB#0	0.009~0.15	-70.25	PASS
Band7	20MHz	QPSK	21350	1RB#0	0.15~30	-52.61	PASS
Band7	20MHz	QPSK	21350	1RB#0	30~1000	-53.94	PASS
Band7	20MHz	QPSK	21350	1RB#0	1000~20000	-33.71	PASS
Band7	20MHz	QPSK	21350	1RB#0	20000~27000	-45.56	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

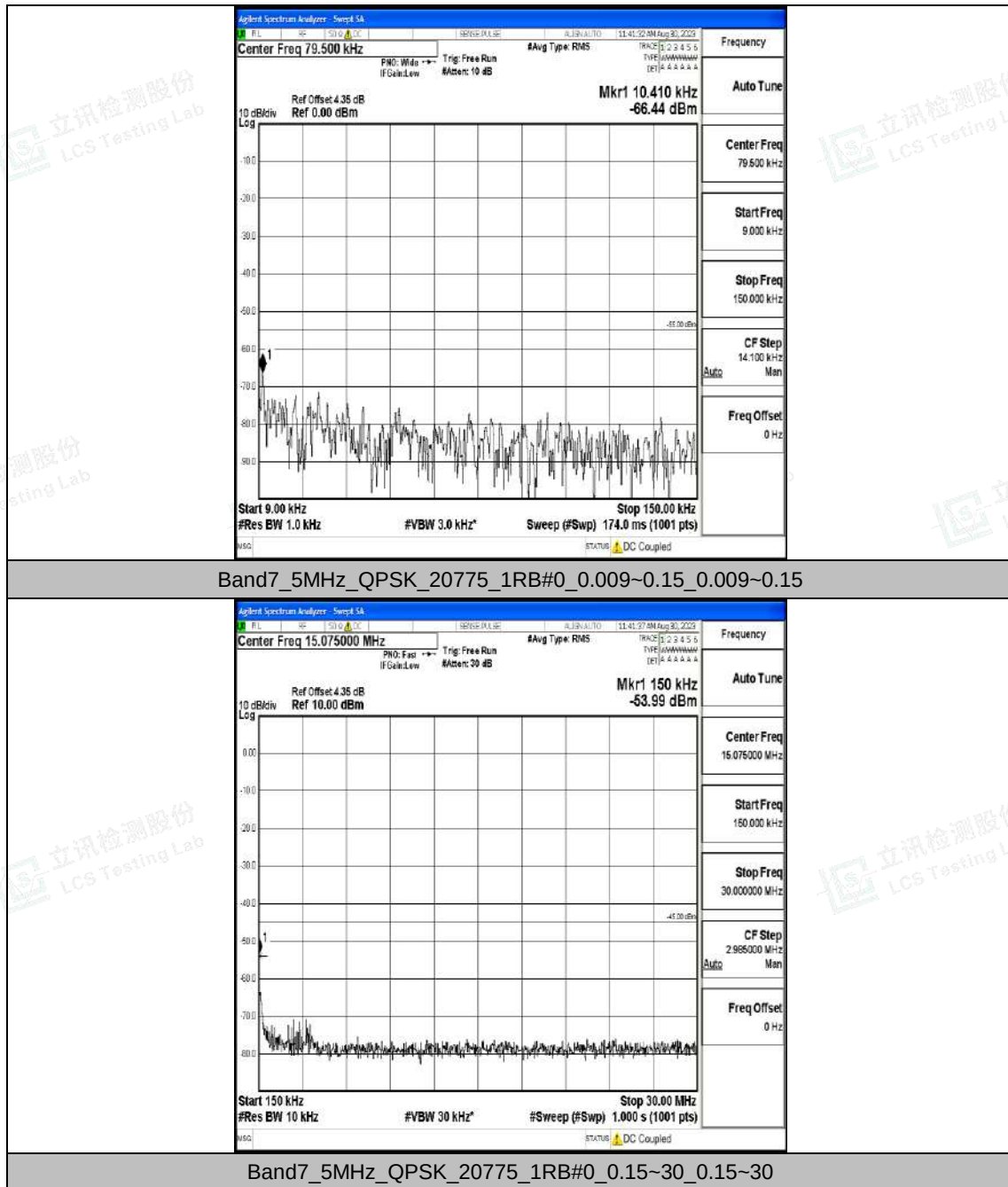
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

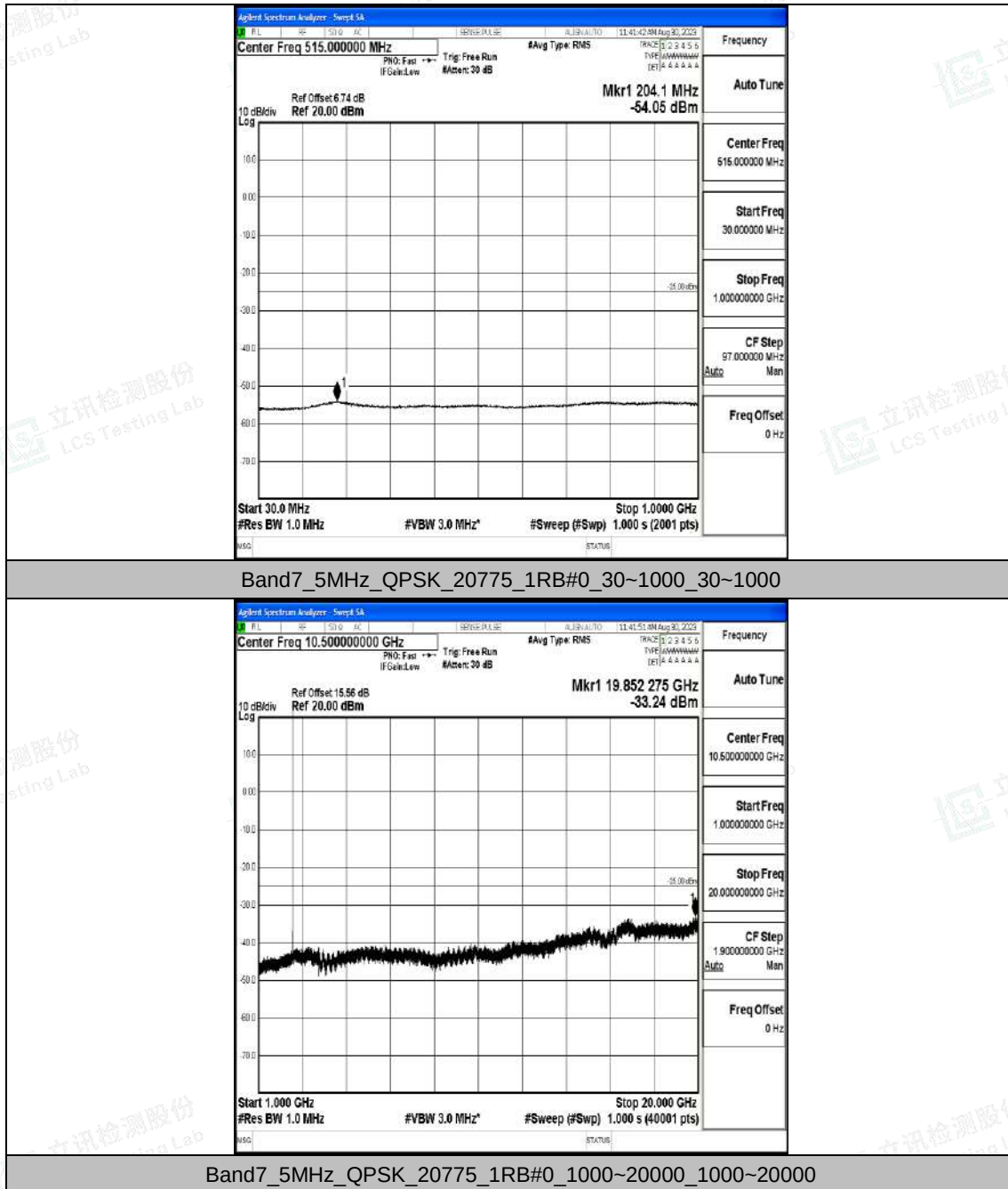
Scan code to check authenticity



Band7	20MHz	16QAM	21350	1RB#0	0.009~0.15	-69.86	PASS
Band7	20MHz	16QAM	21350	1RB#0	0.15~30	-52.29	PASS
Band7	20MHz	16QAM	21350	1RB#0	30~1000	-54.01	PASS
Band7	20MHz	16QAM	21350	1RB#0	1000~20000	-33.41	PASS
Band7	20MHz	16QAM	21350	1RB#0	20000~27000	-45.60	PASS

Test Graphs



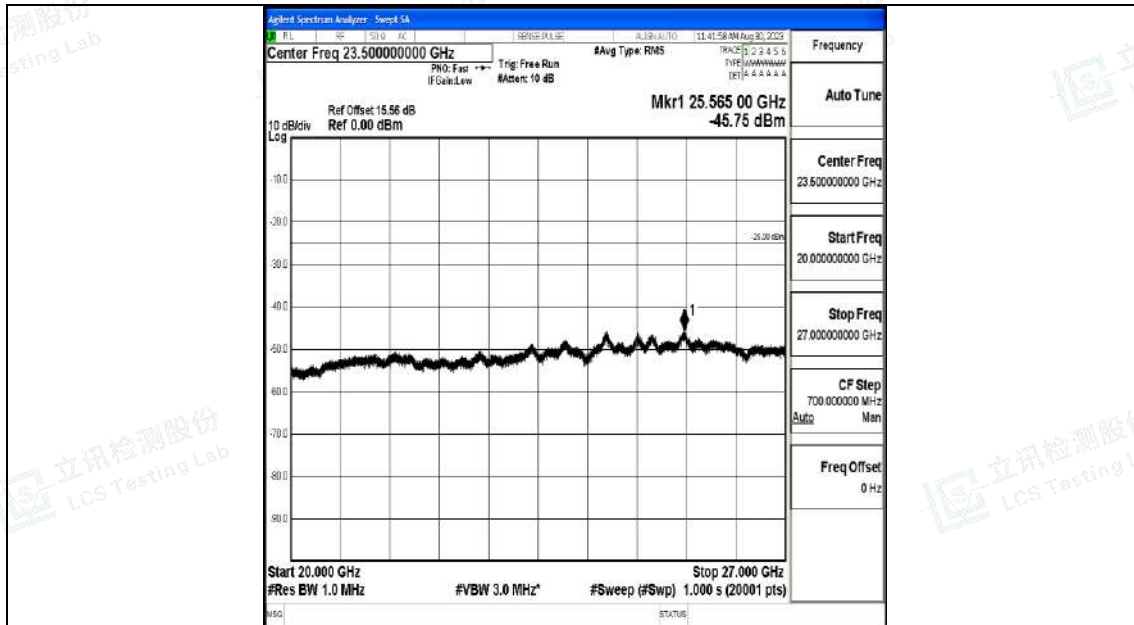


Shenzhen LCS Compliance Testing Laboratory Ltd.

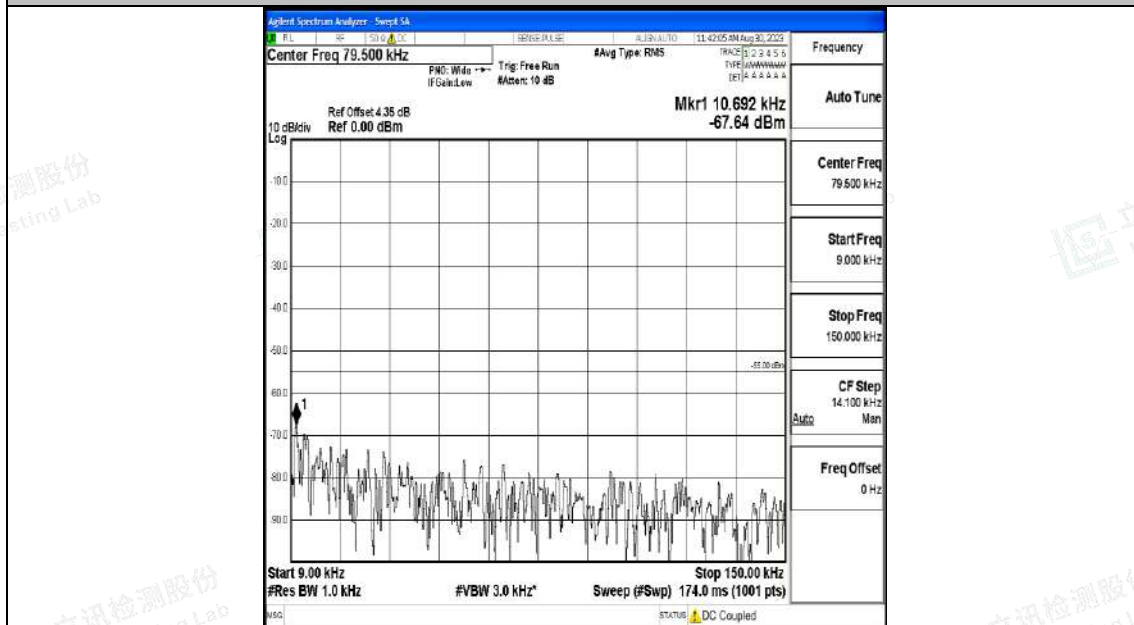
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



Band7_5MHz_QPSK_20775_1RB#0_20000~27000_20000~27000



Band7_5MHz_16QAM_20775_1RB#0_0.009~0.15_0.009~0.15

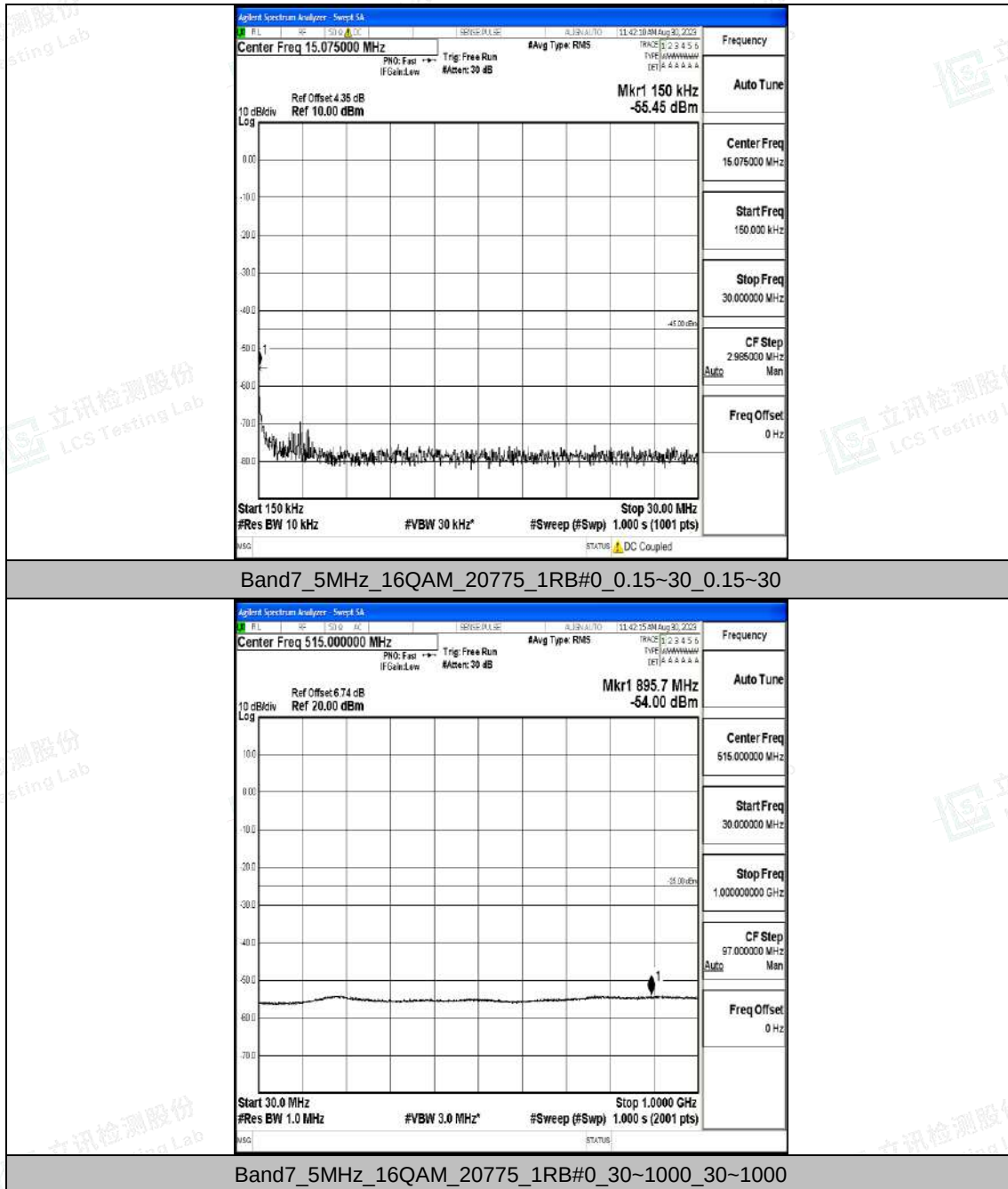


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

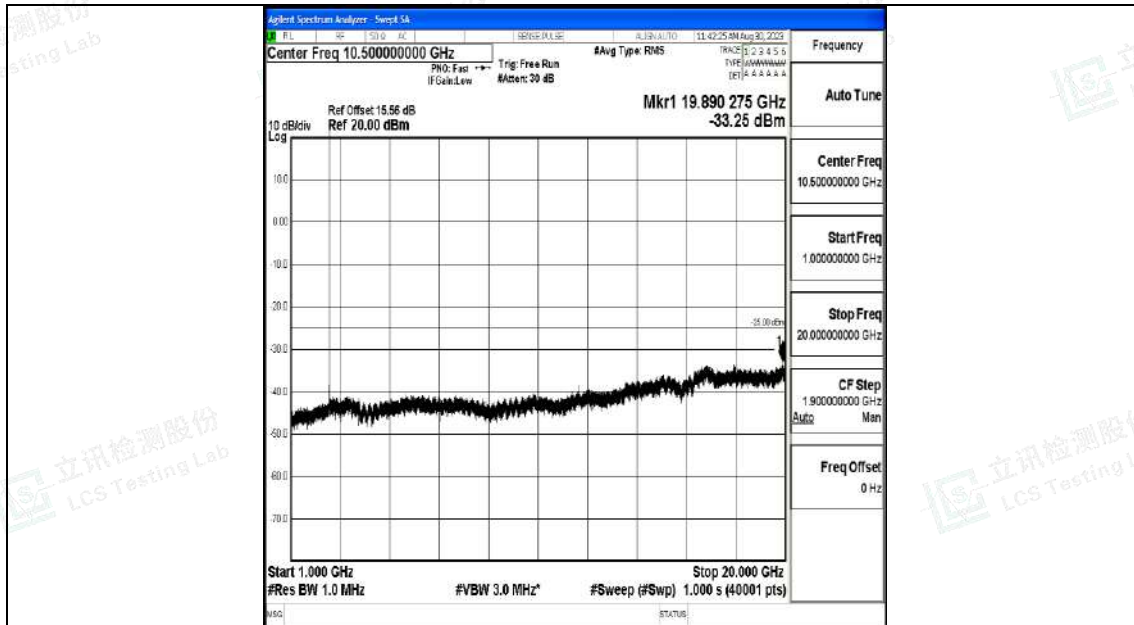


Shenzhen LCS Compliance Testing Laboratory Ltd.

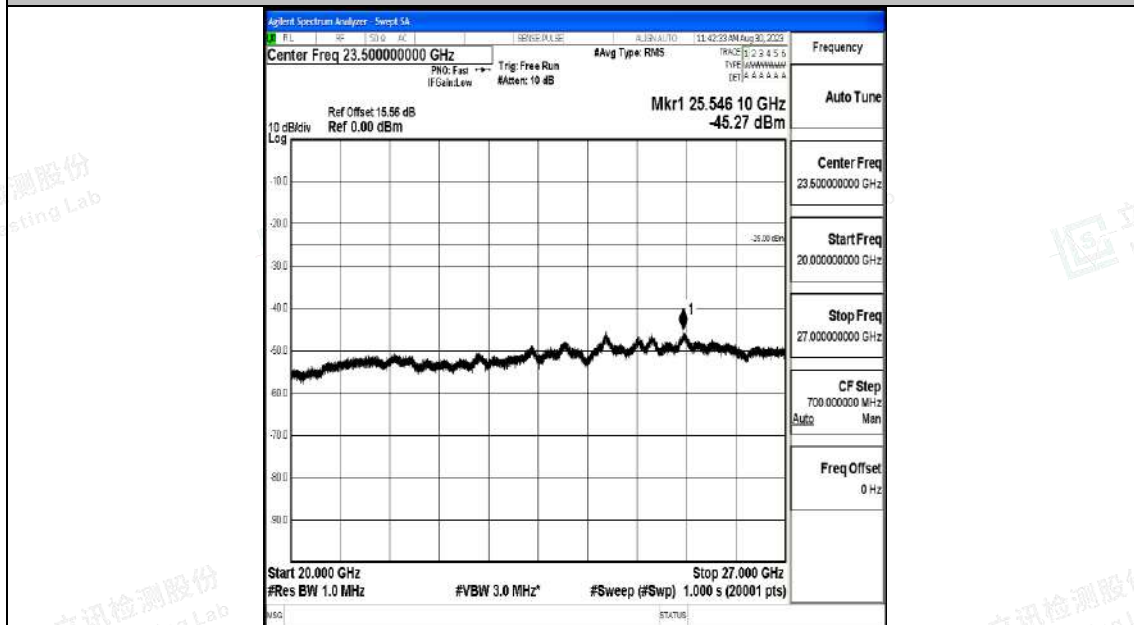
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



Band7_5MHz_16QAM_20775_1RB#0_1000~20000_1000~20000



Band7_5MHz_16QAM_20775_1RB#0_20000~27000_20000~27000

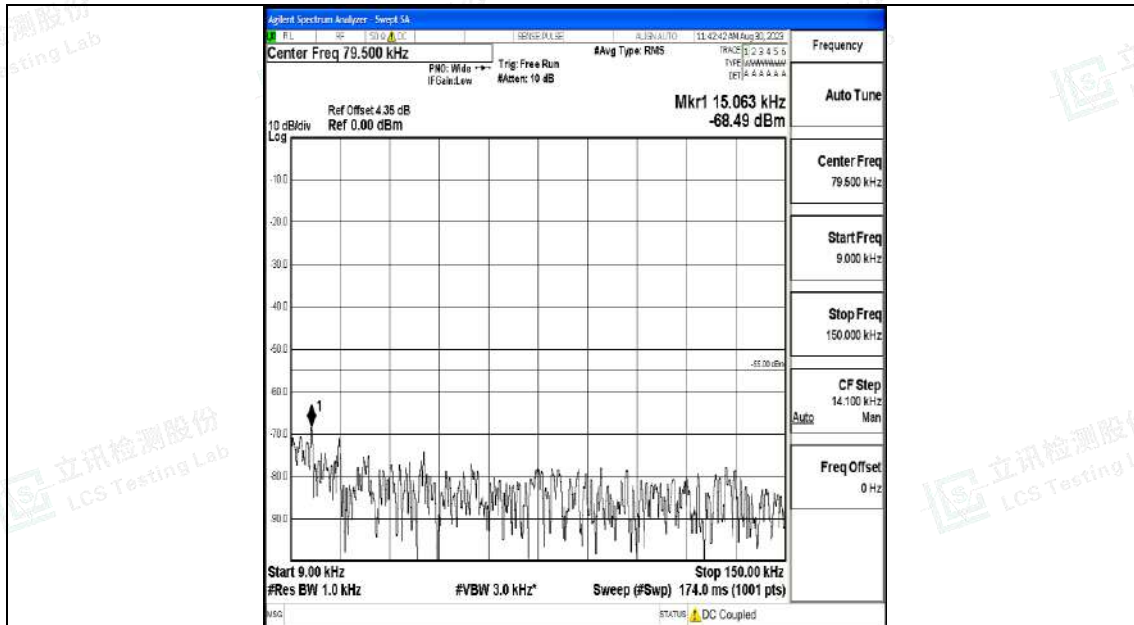


Shenzhen LCS Compliance Testing Laboratory Ltd.

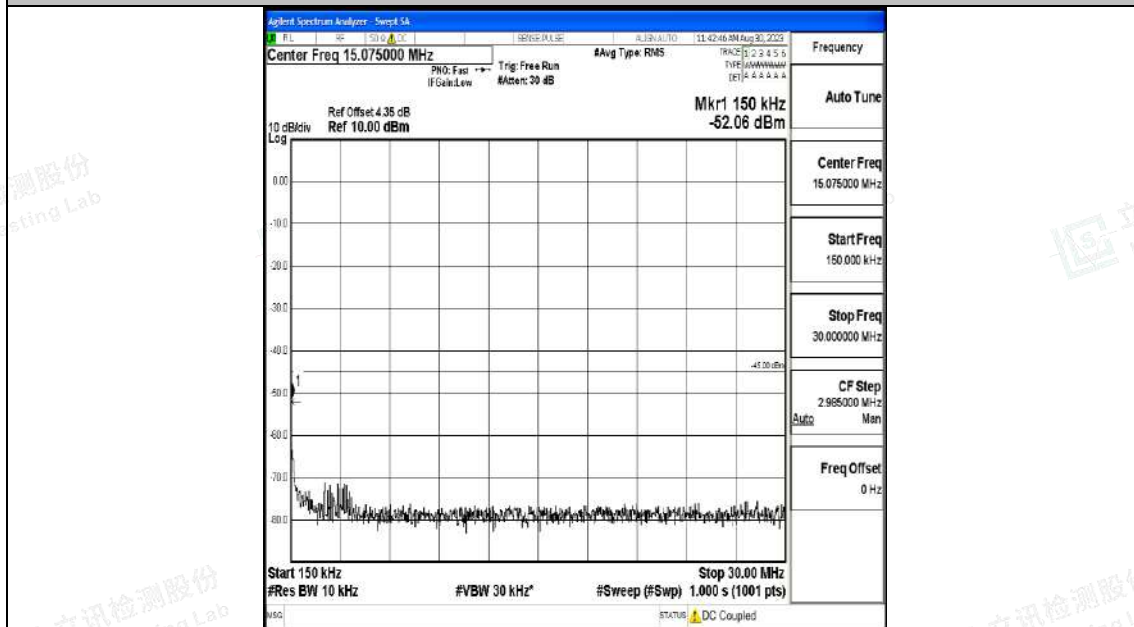
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity

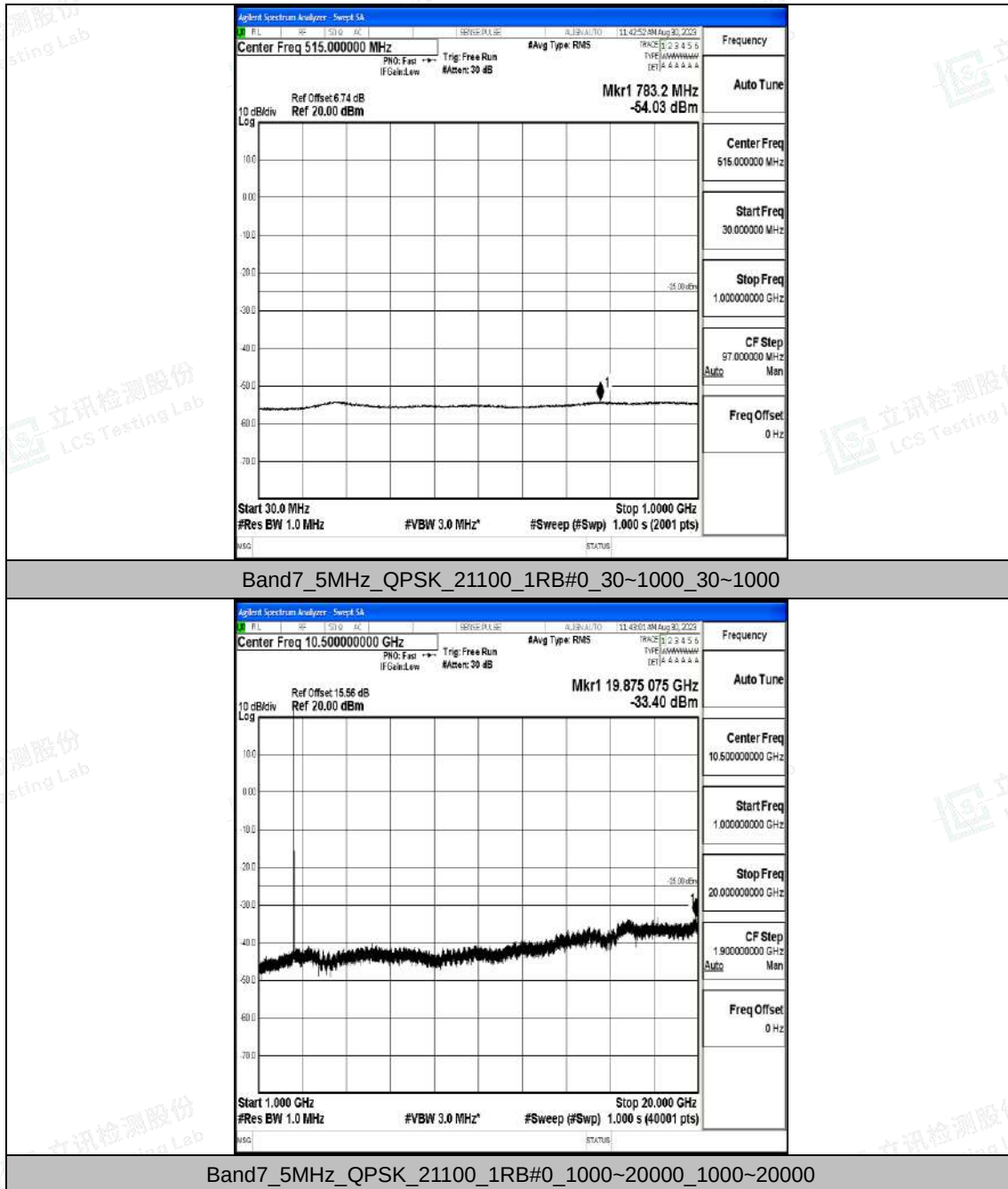


Band7_5MHz_QPSK_21100_1RB#0_0.009~0.15_0.009~0.15



Band7_5MHz_QPSK_21100_1RB#0_0.15~30_0.15~30



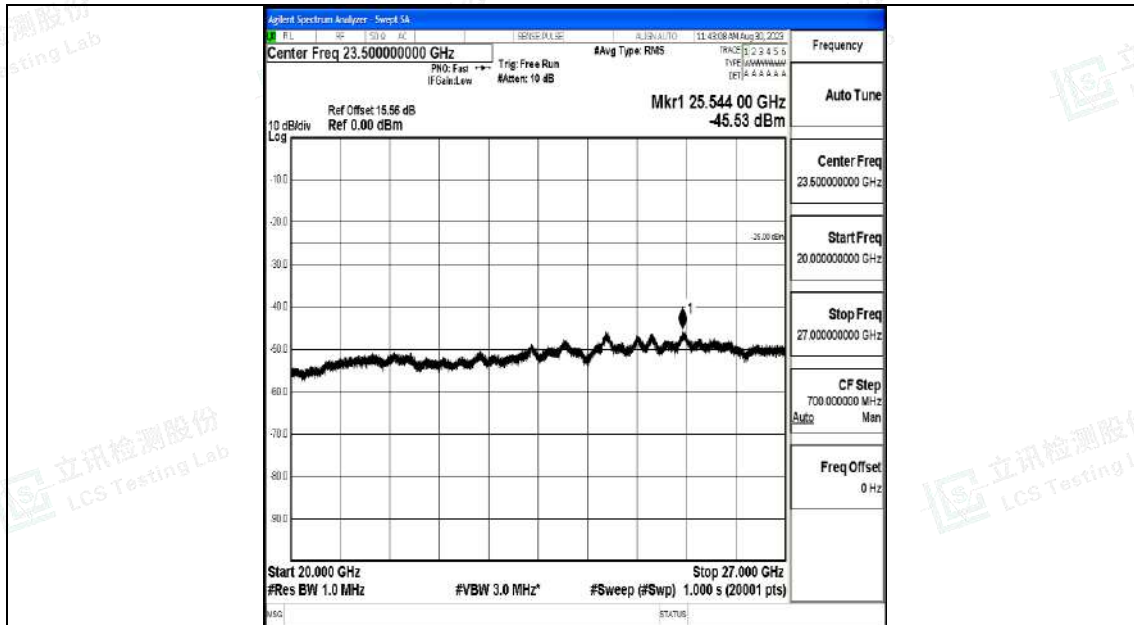


Shenzhen LCS Compliance Testing Laboratory Ltd.

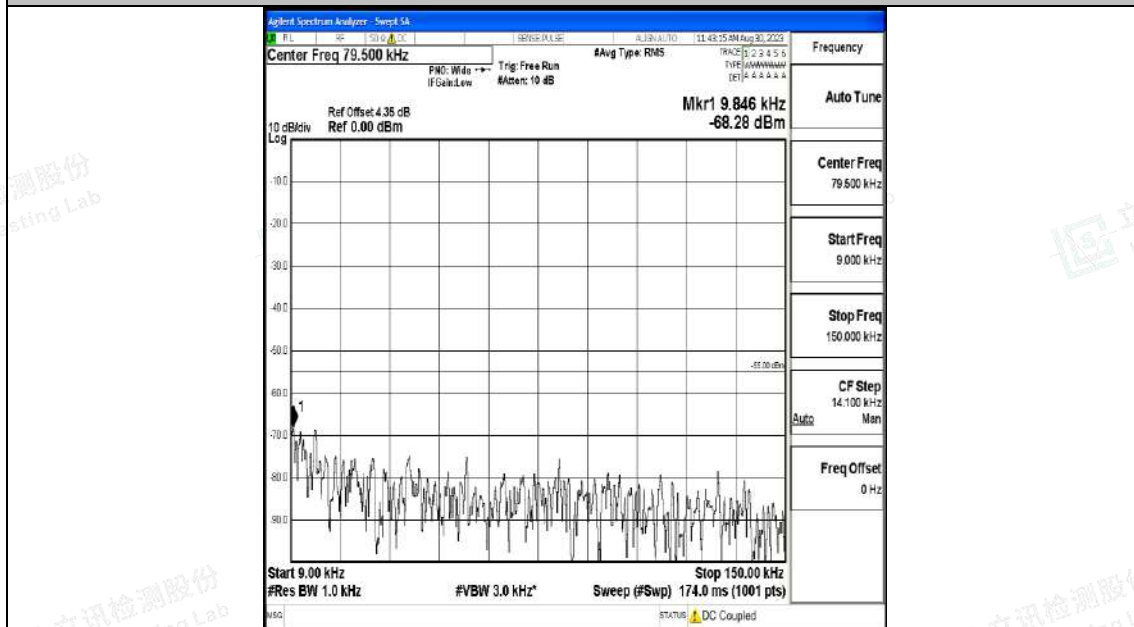
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity

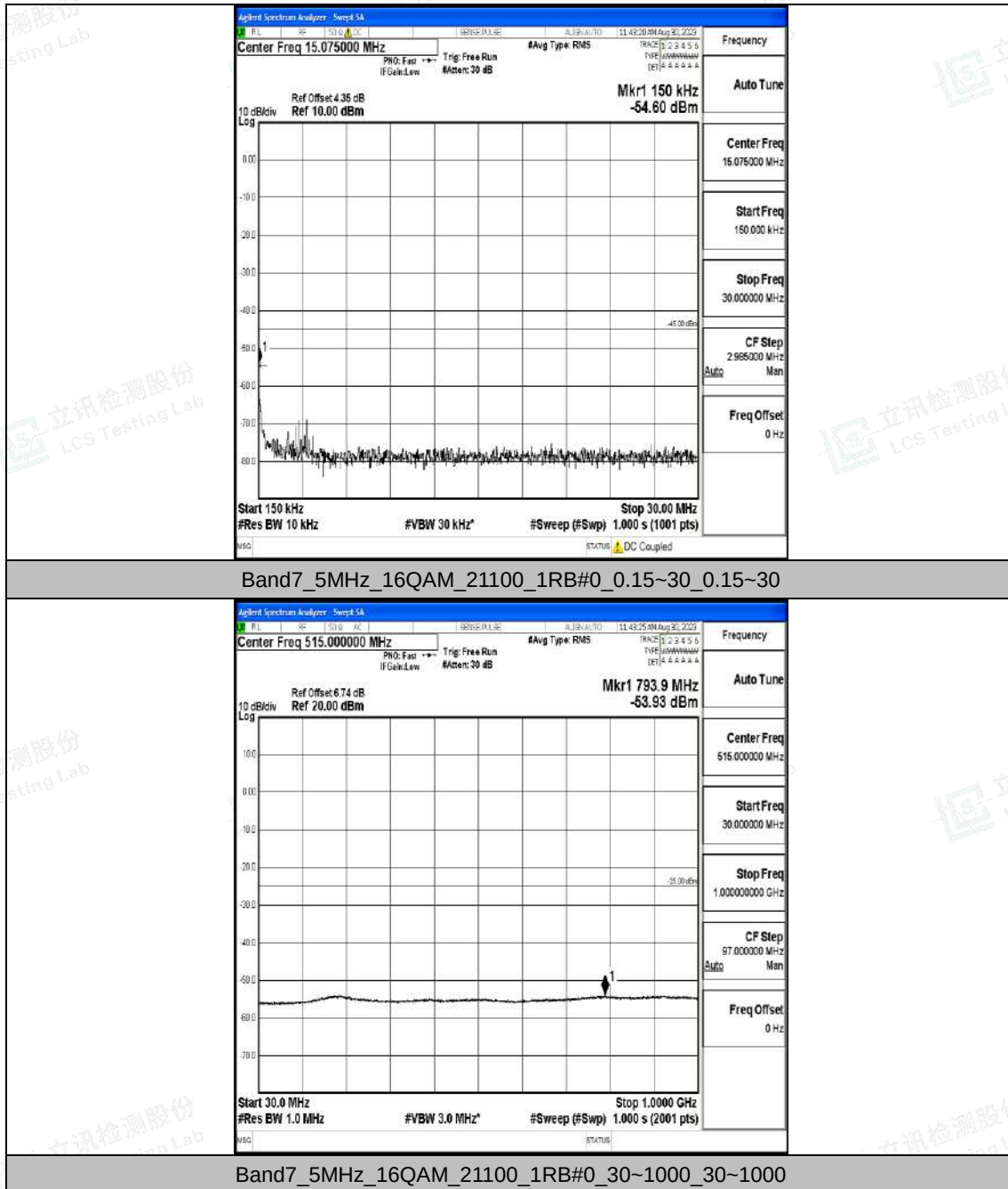


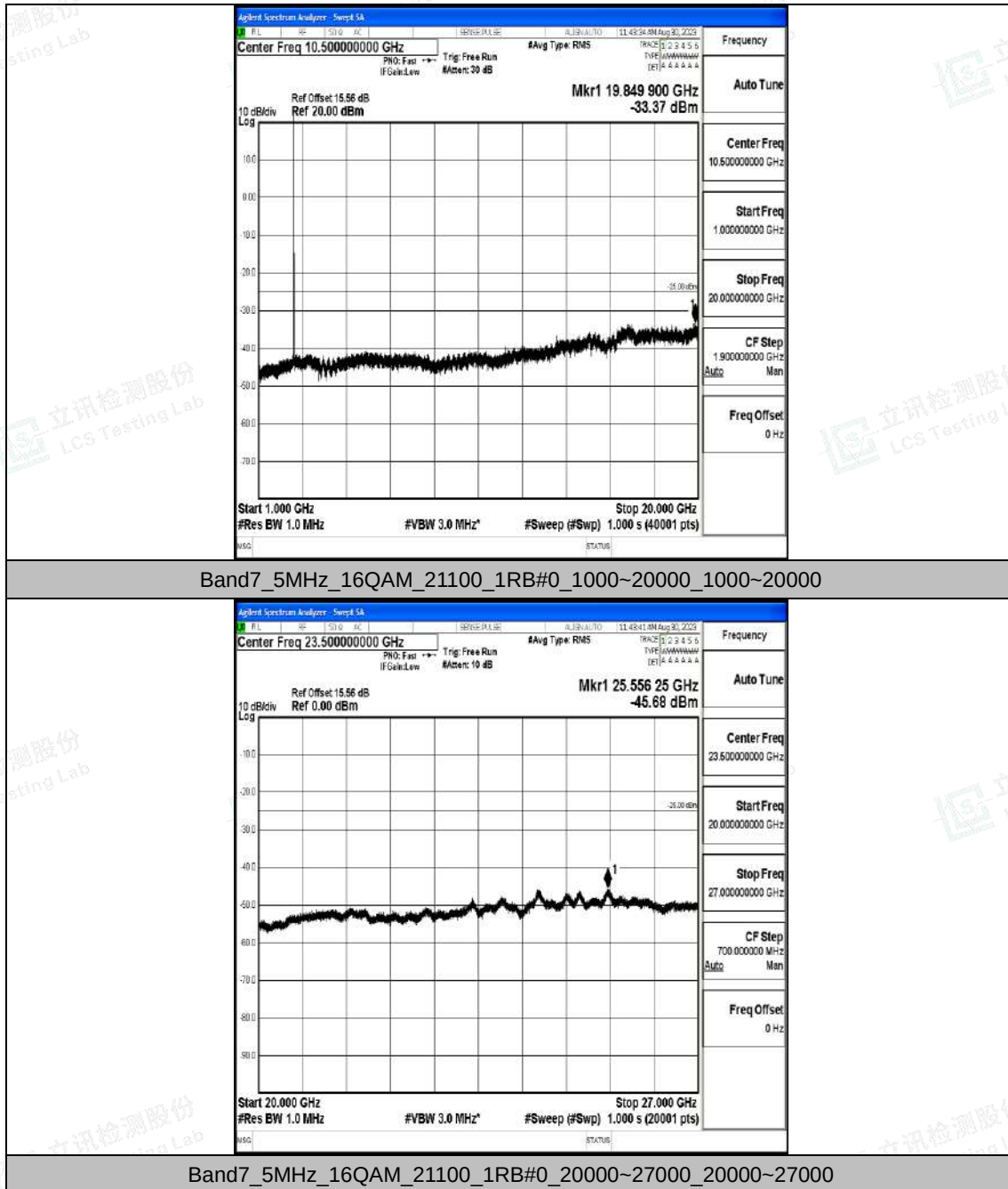
Band7_5MHz_QPSK_21100_1RB#0_20000~27000_20000~27000



Band7_5MHz_16QAM_21100_1RB#0_0.009~0.15_0.009~0.15





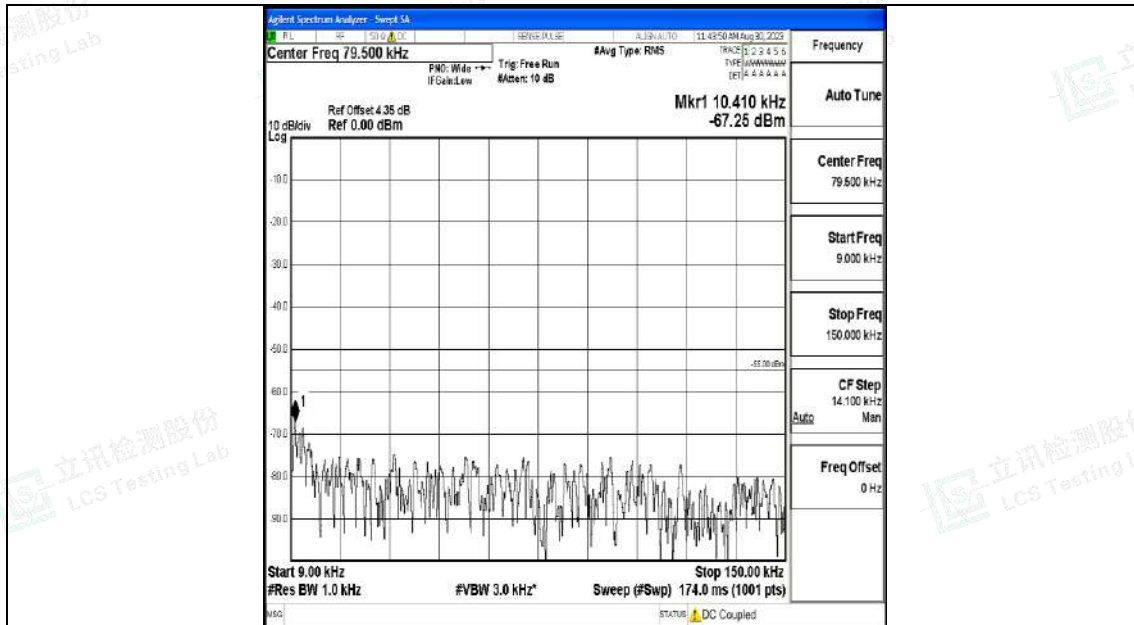


Shenzhen LCS Compliance Testing Laboratory Ltd.

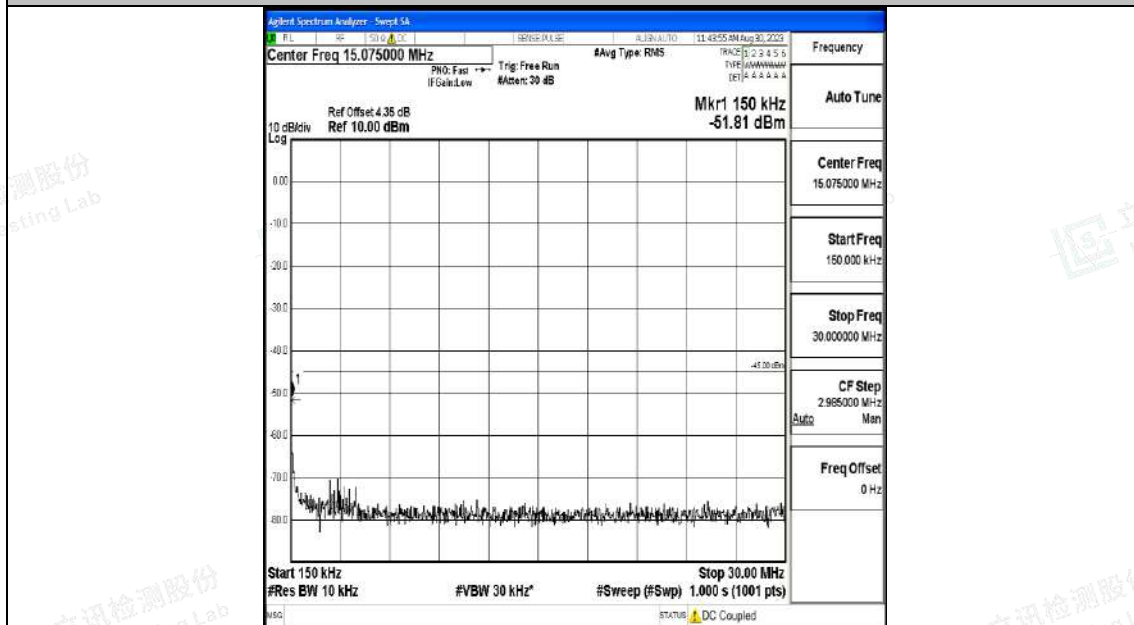
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity

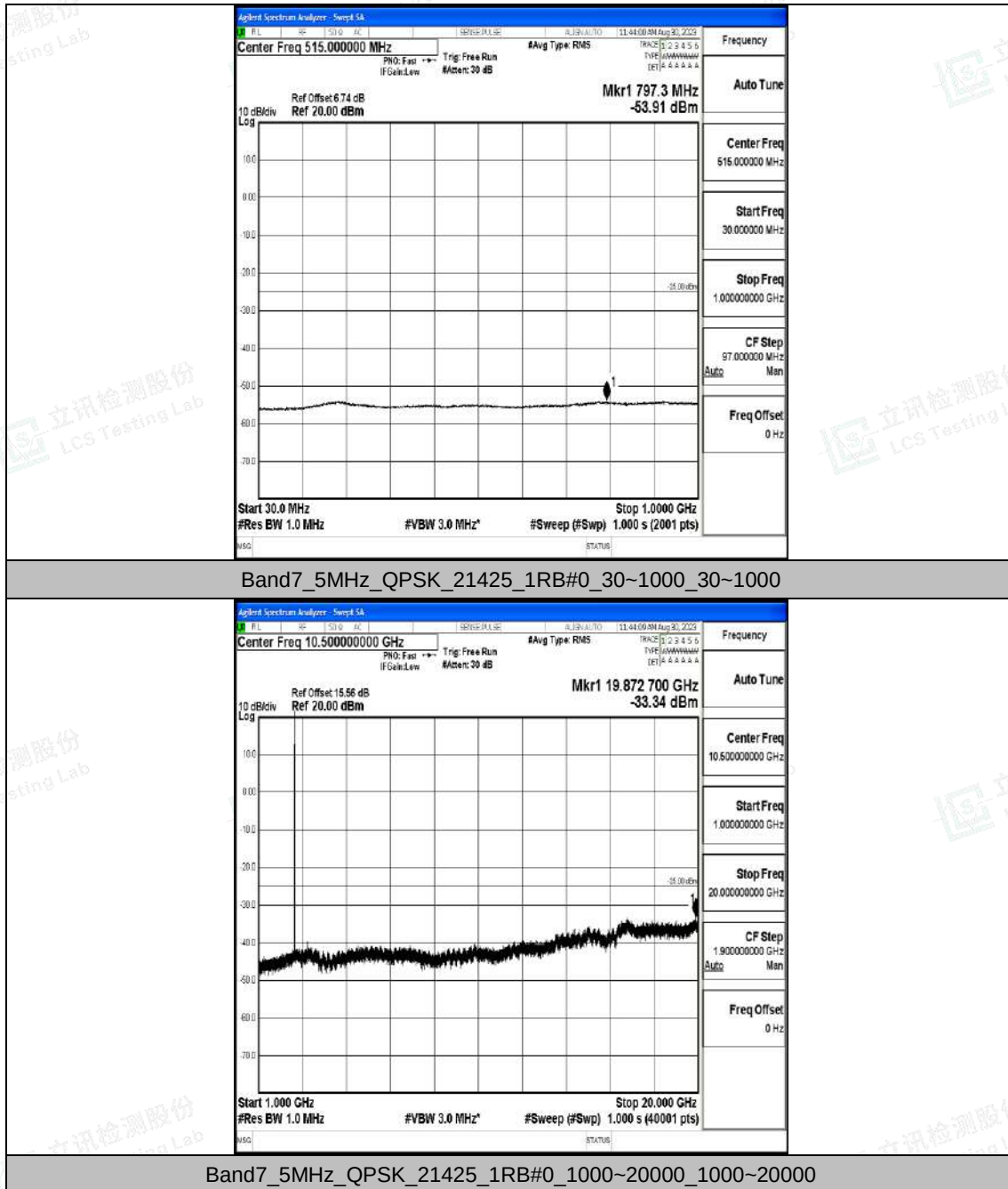


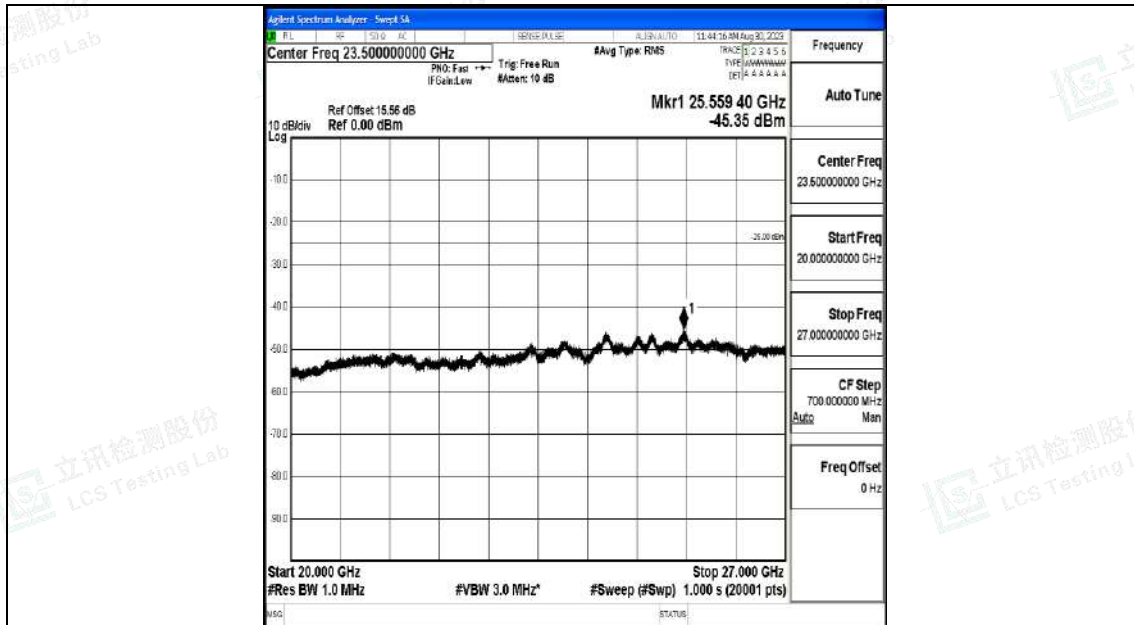
Band7_5MHz_QPSK_21425_1RB#0_0.009~0.15_0.009~0.15



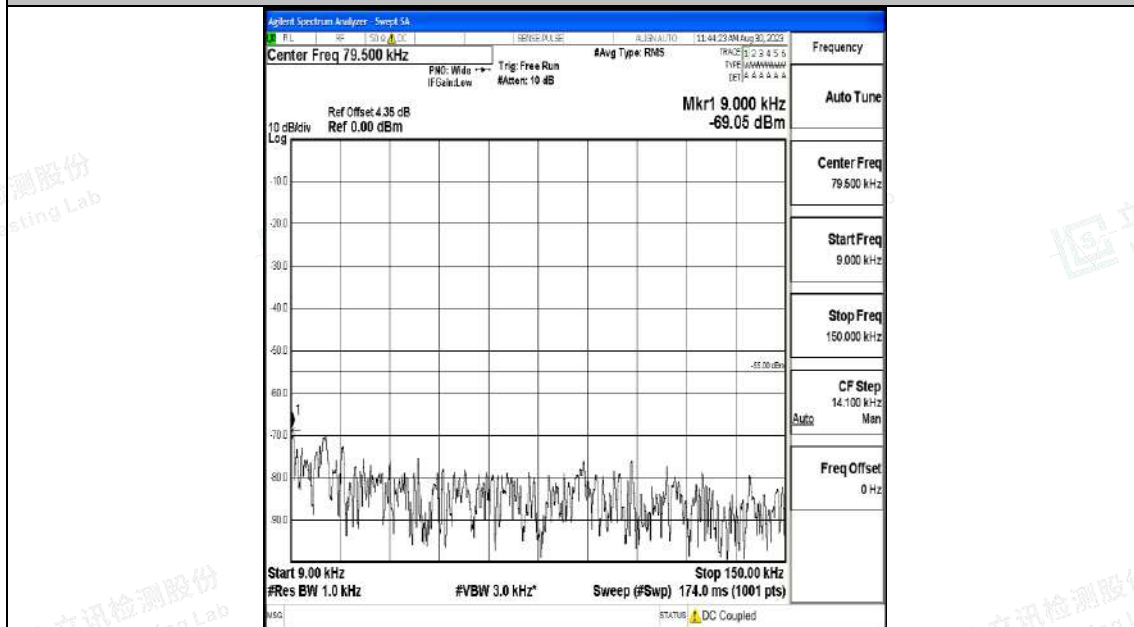
Band7_5MHz_QPSK_21425_1RB#0_0.15~30_0.15~30







Band7_5MHz_QPSK_21425_1RB#0_20000~27000_20000~27000



Band7_5MHz_16QAM_21425_1RB#0_0.009~0.15_0.009~0.15

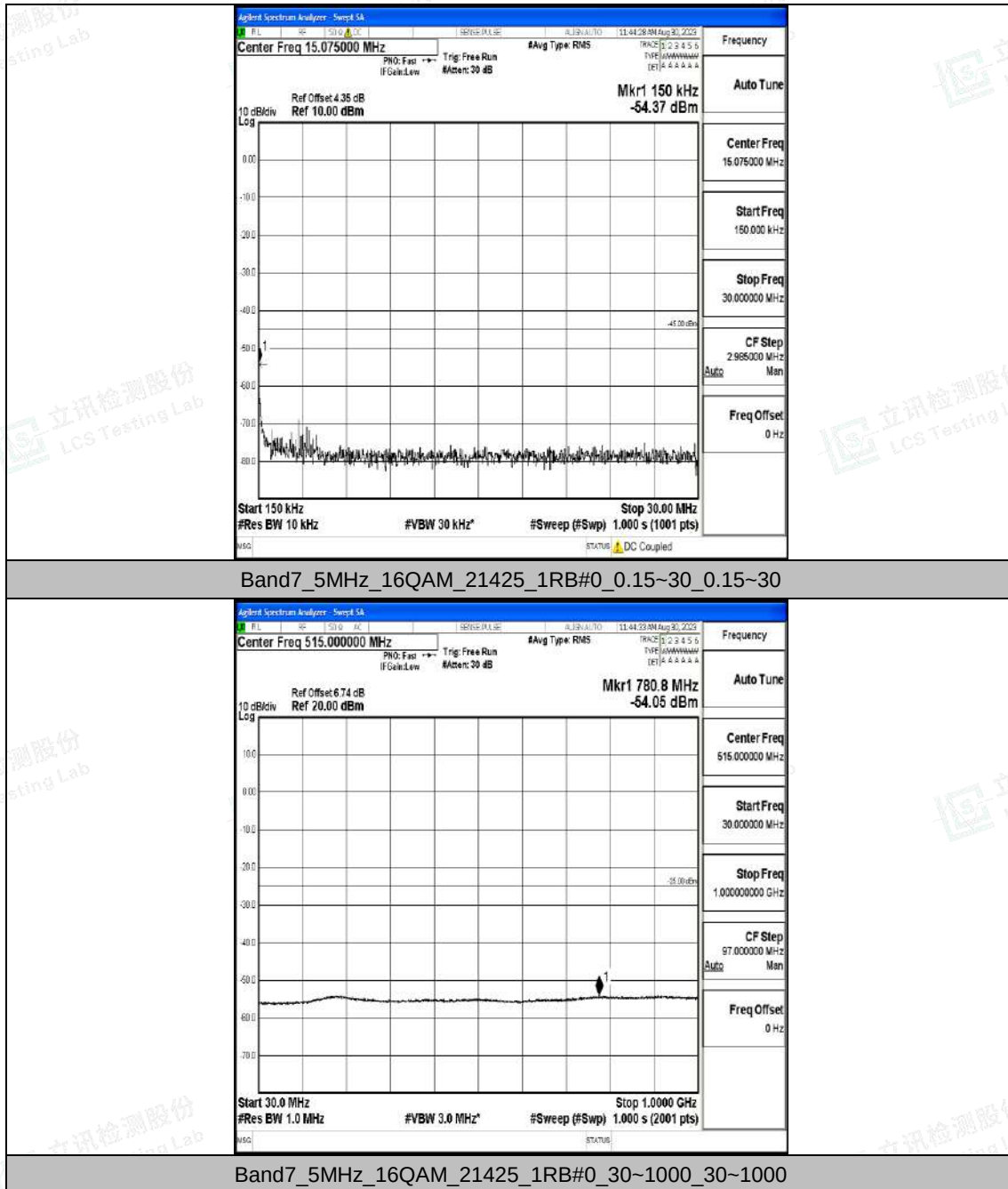


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

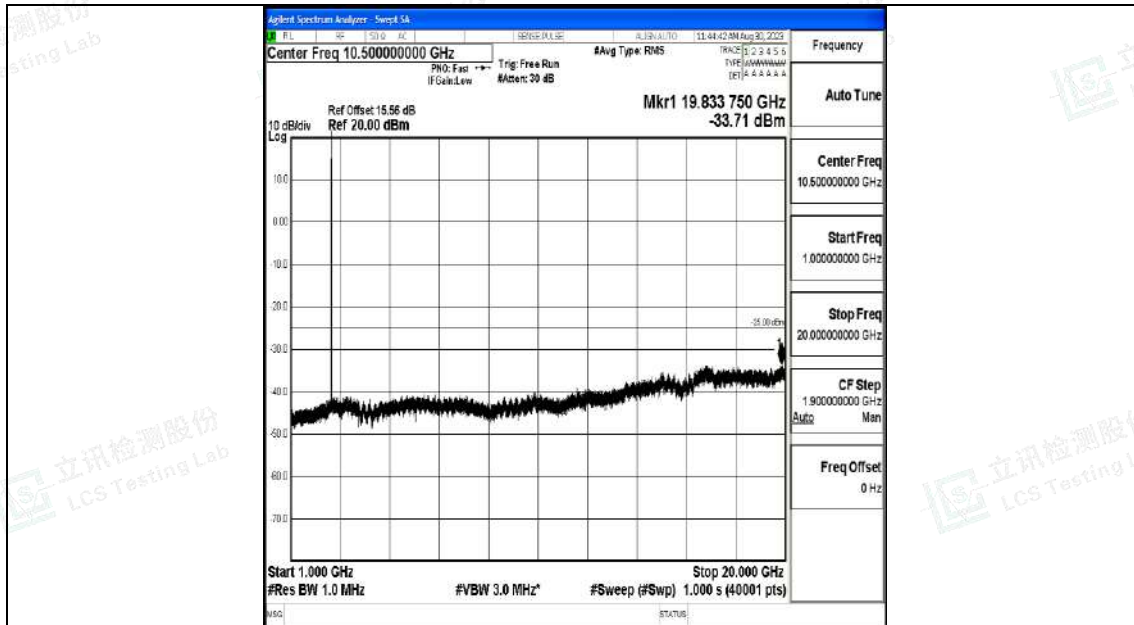


Shenzhen LCS Compliance Testing Laboratory Ltd.

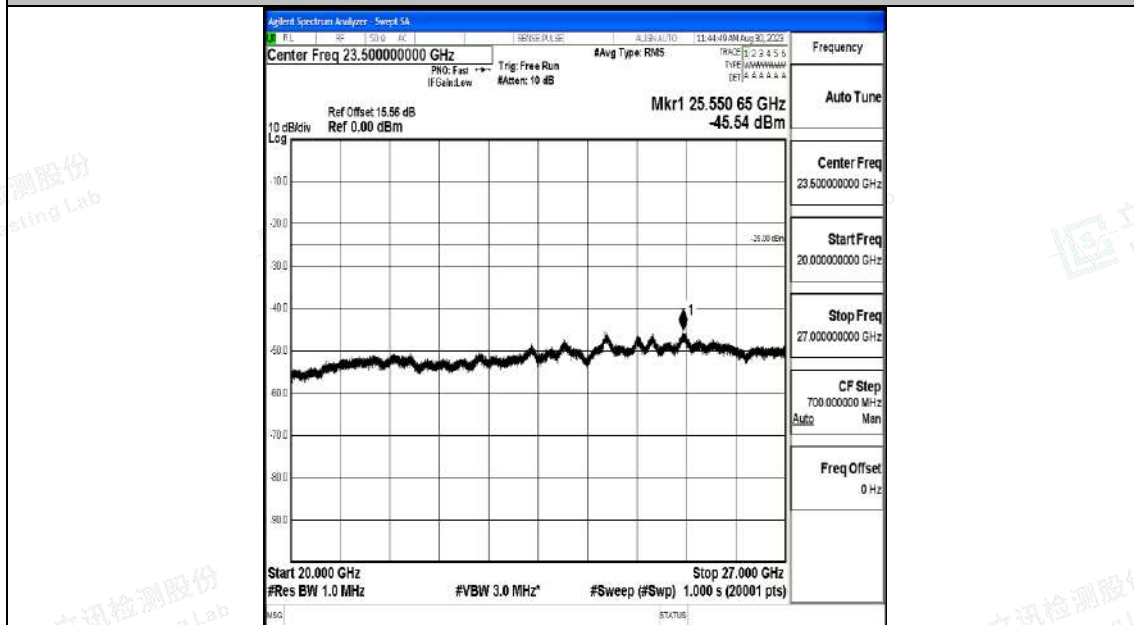
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



Band7_5MHz_16QAM_21425_1RB#0_1000~20000_1000~20000



Band7_5MHz_16QAM_21425_1RB#0_20000~27000_20000~27000

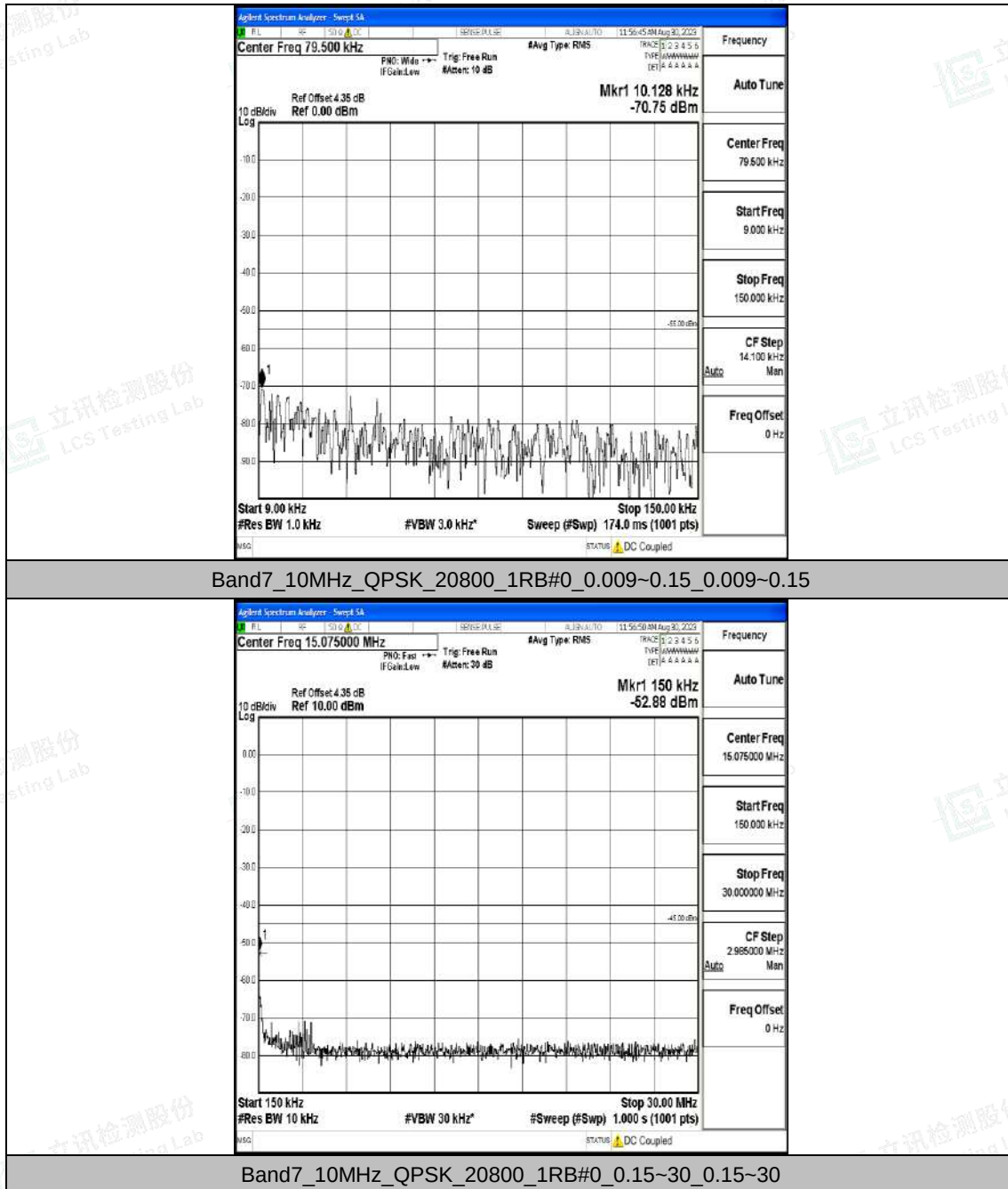


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

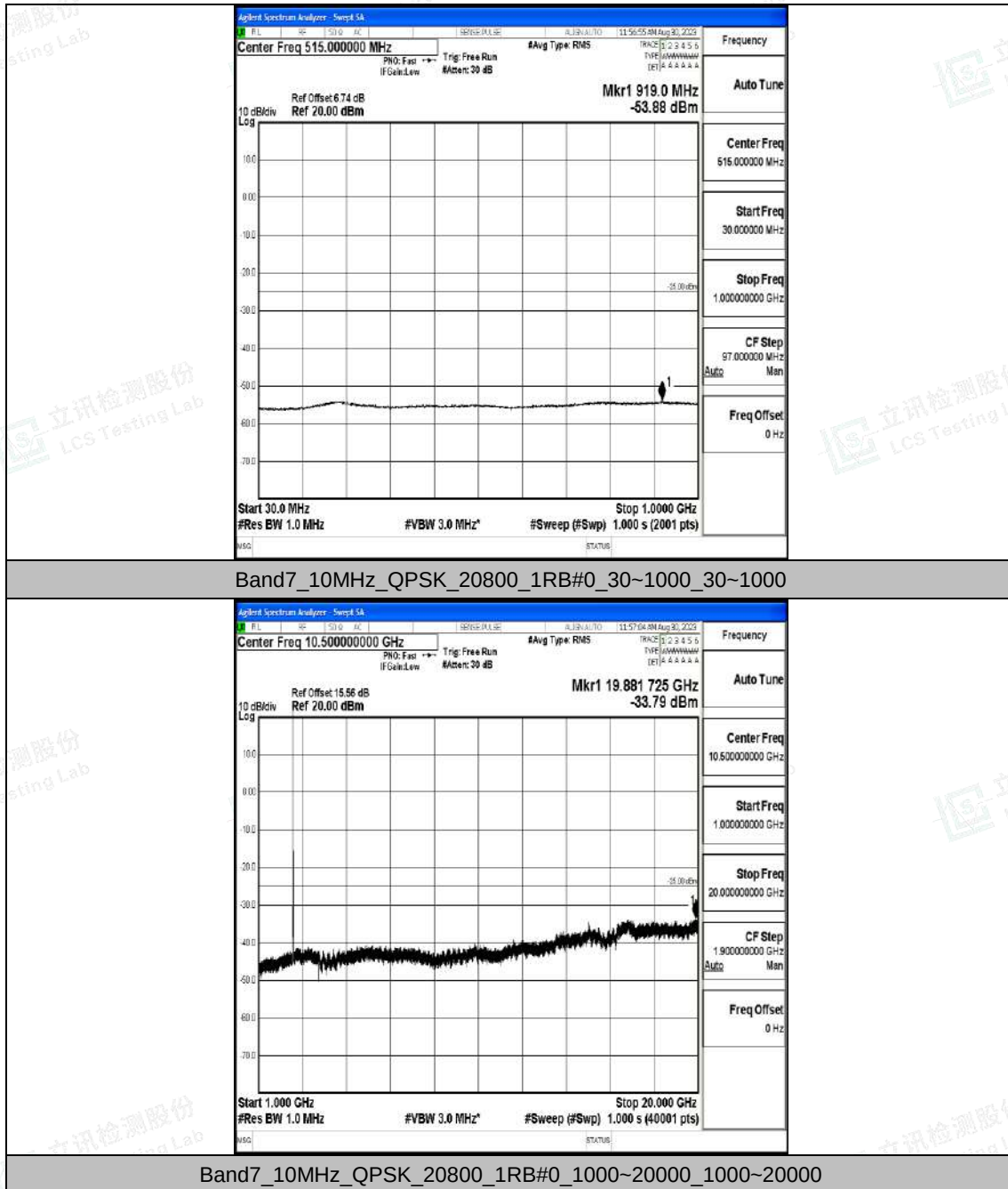


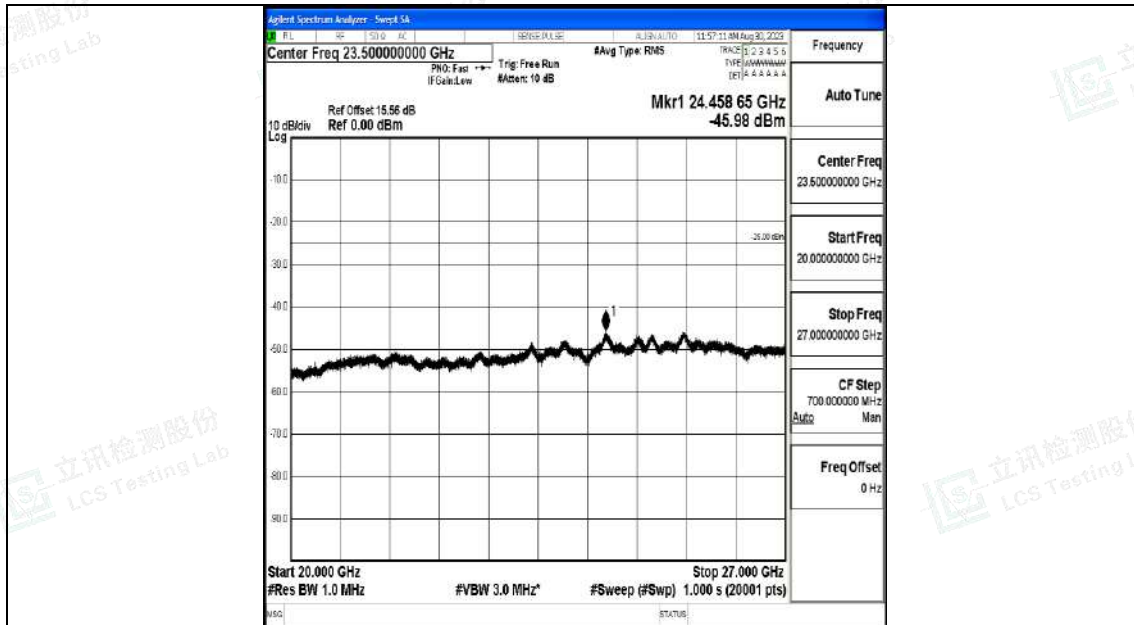
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

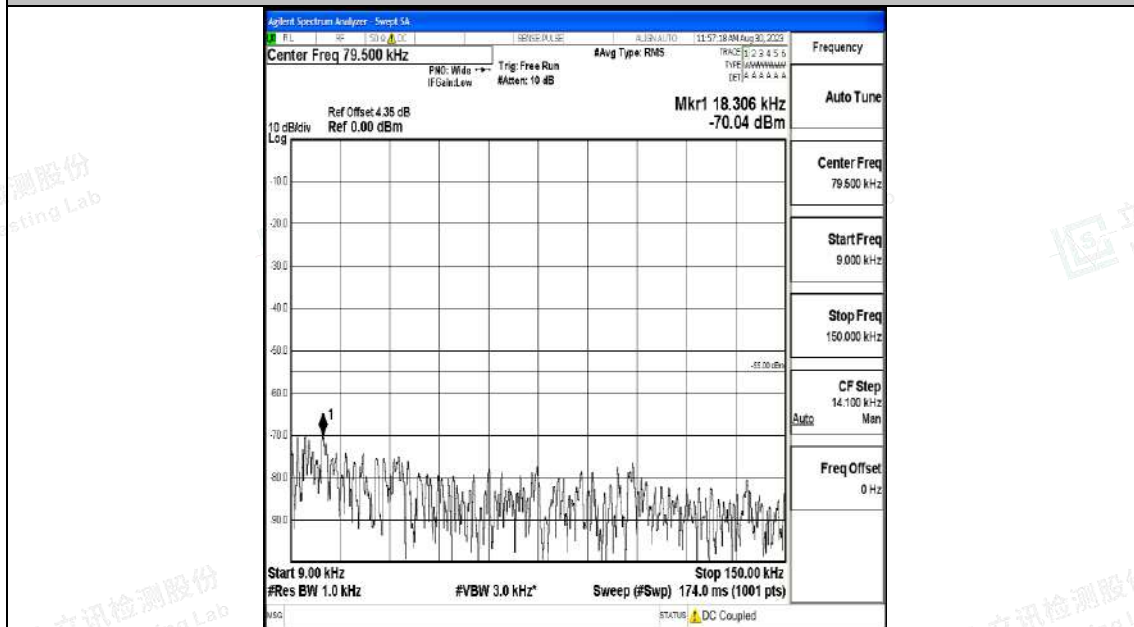
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



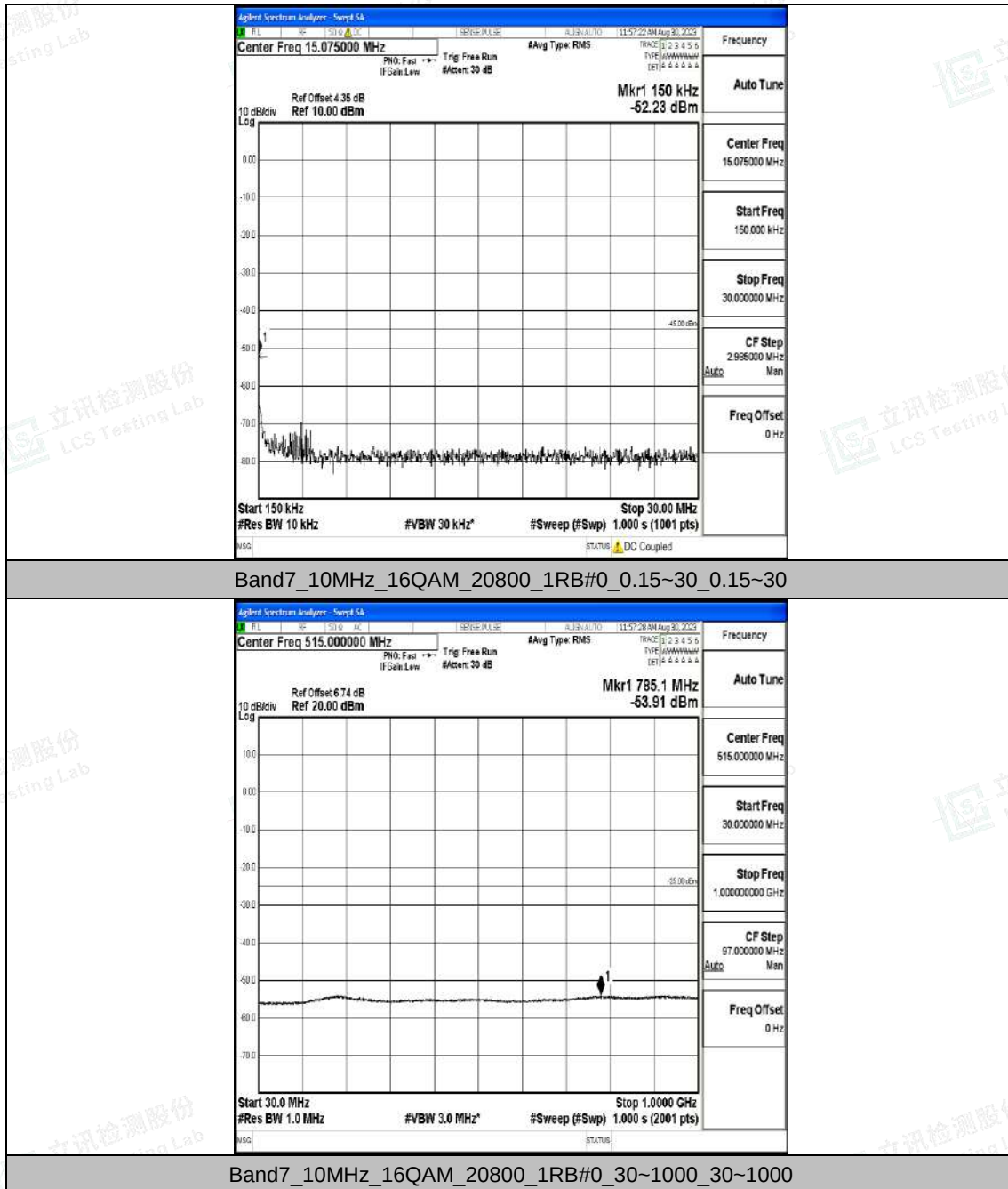


Band7_10MHz_QPSK_20800_1RB#0_20000~27000_20000~27000



Band7_10MHz_16QAM_20800_1RB#0_0.009~0.15_0.009~0.15



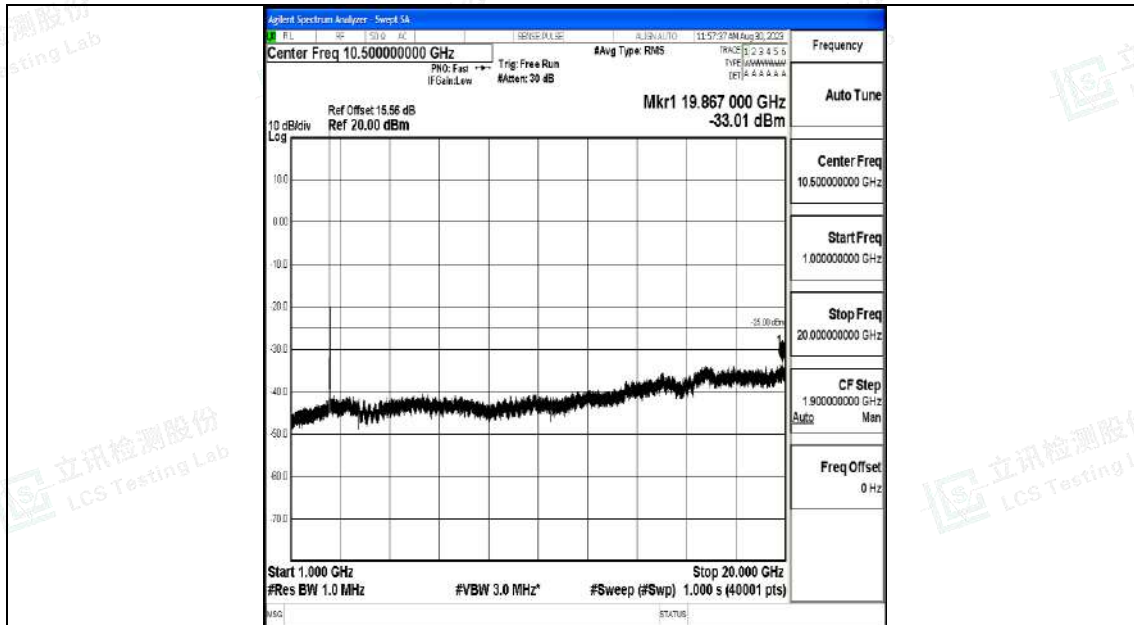


Shenzhen LCS Compliance Testing Laboratory Ltd.

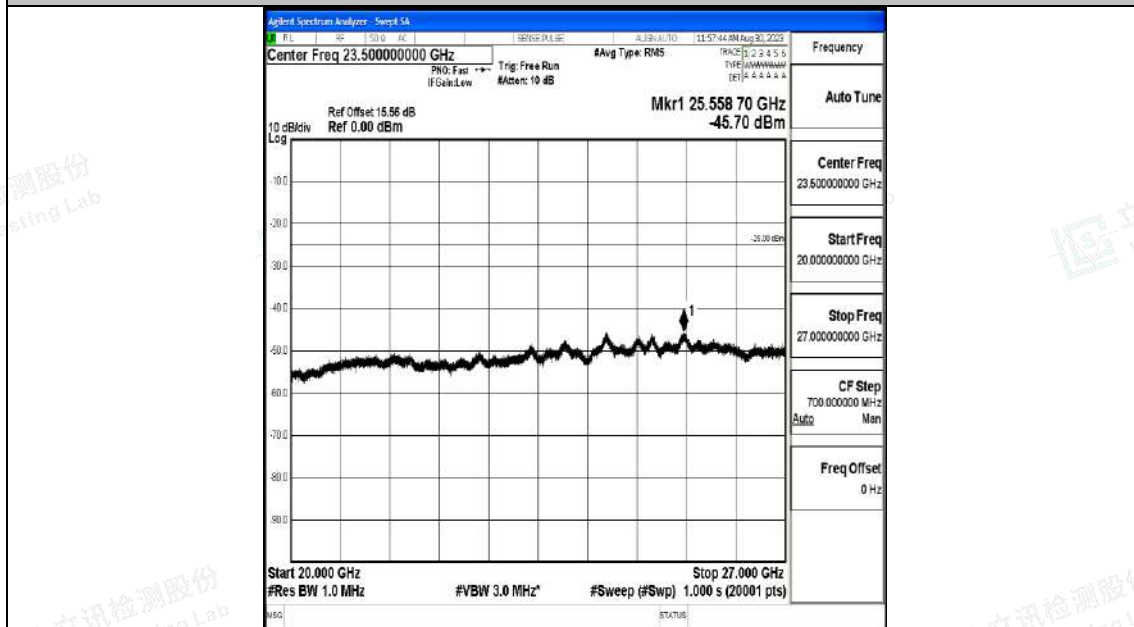
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



Band7_10MHz_16QAM_20800_1RB#0_1000~20000_1000~20000



Band7_10MHz_16QAM_20800_1RB#0_20000~27000_20000~27000

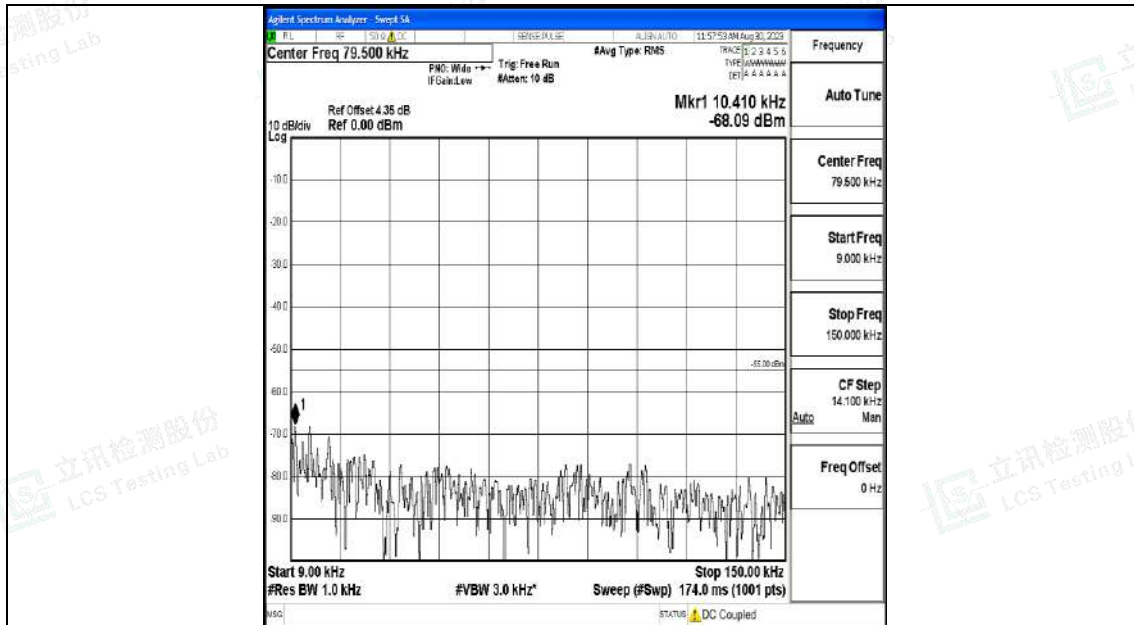


Shenzhen LCS Compliance Testing Laboratory Ltd.

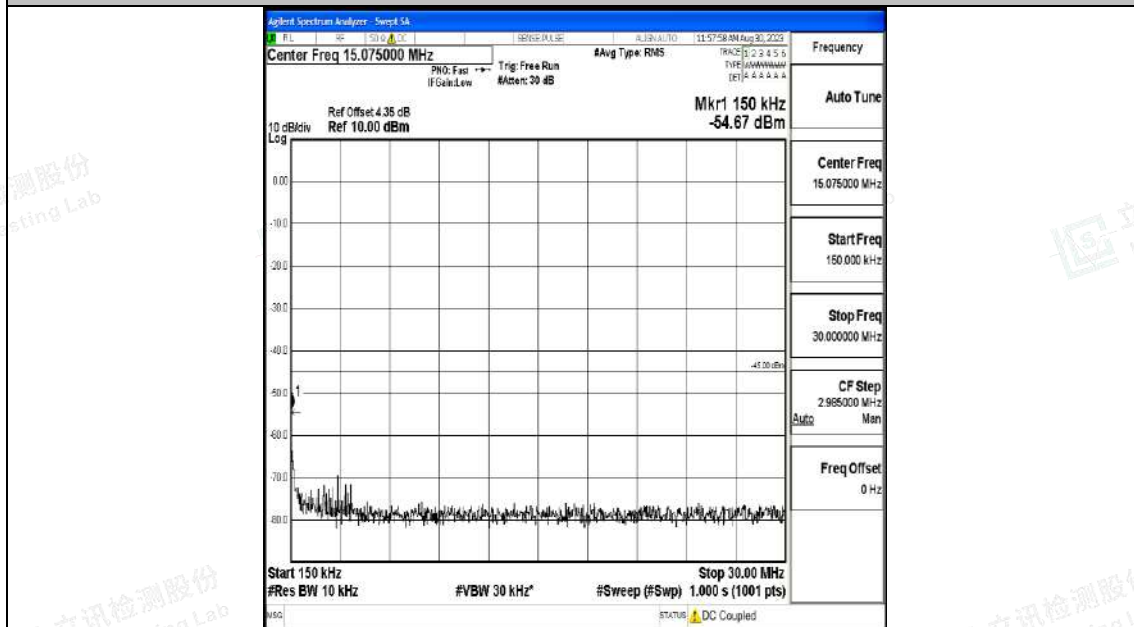
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity

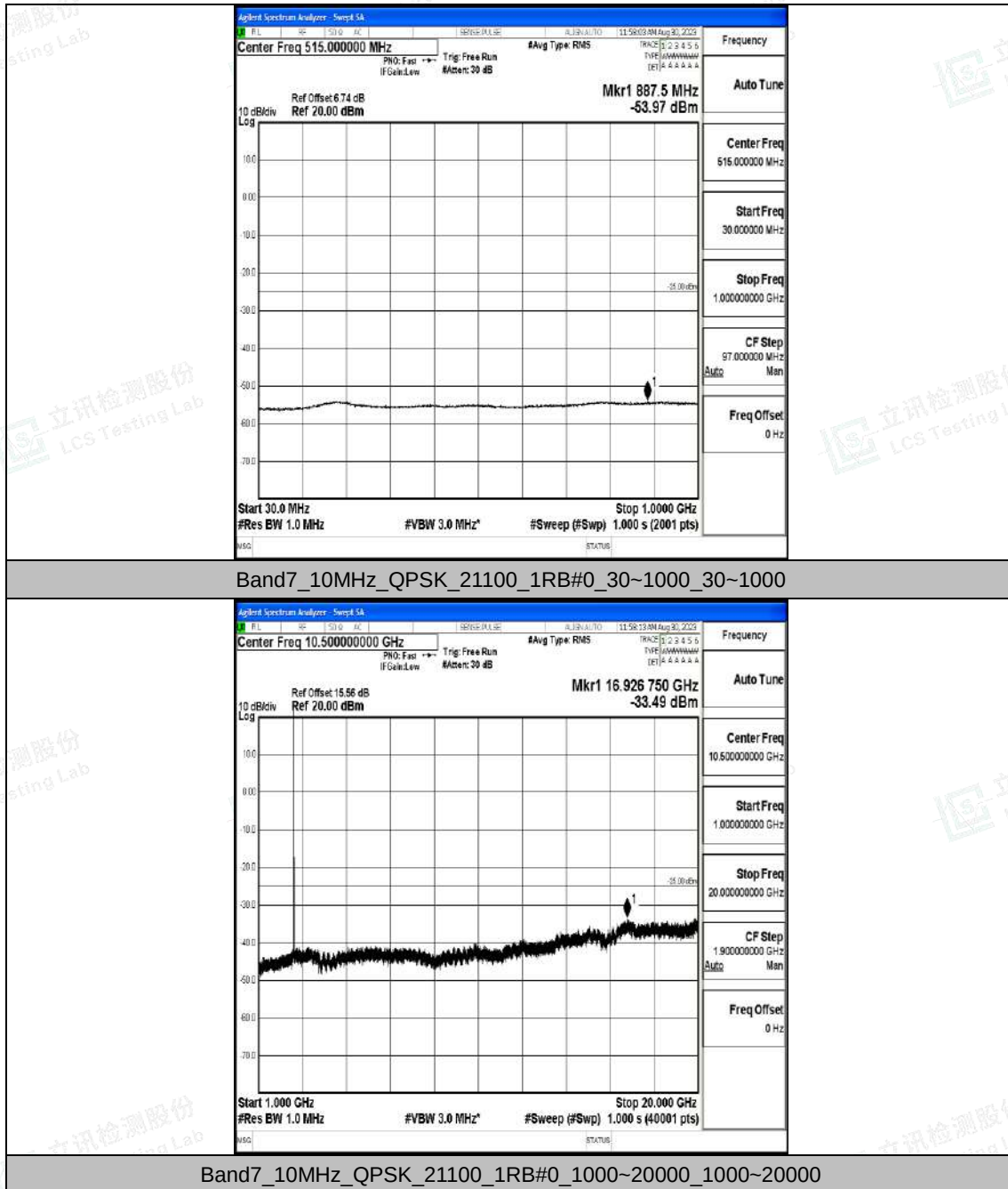


Band7_10MHz_QPSK_21100_1RB#0_0.009~0.15_0.009~0.15



Band7_10MHz_QPSK_21100_1RB#0_0.15~30_0.15~30



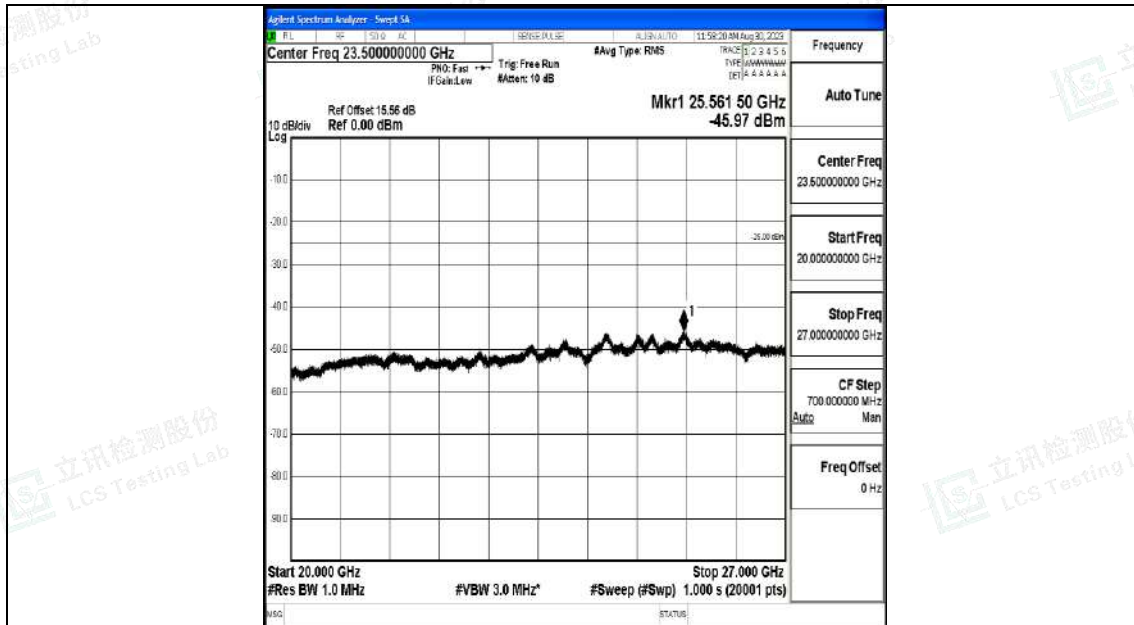


Shenzhen LCS Compliance Testing Laboratory Ltd.

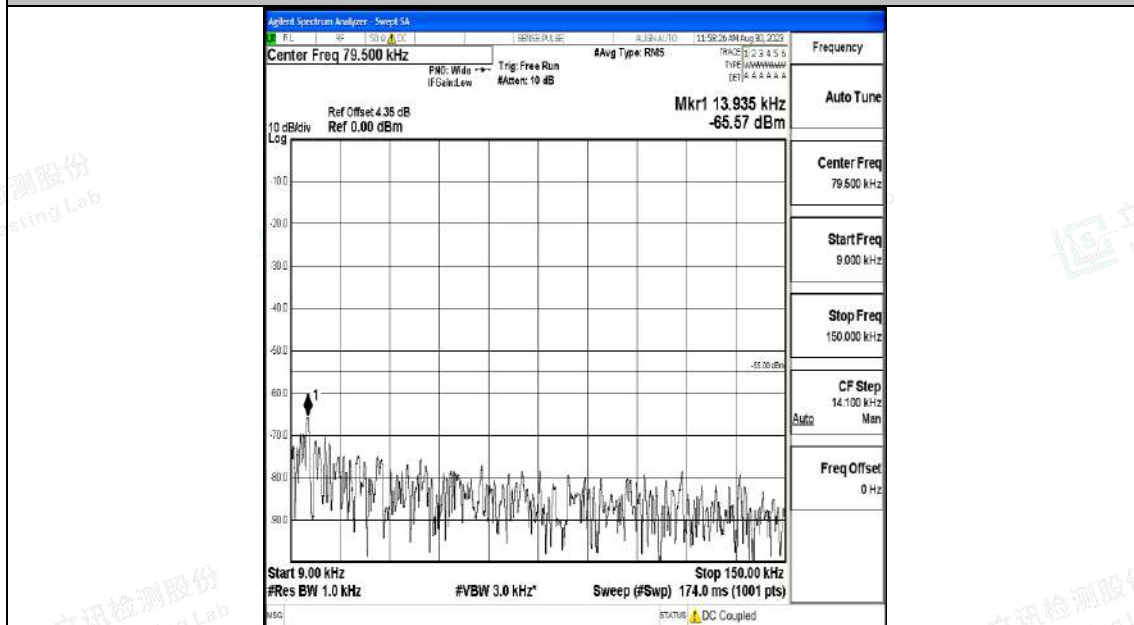
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



Band7_10MHz_QPSK_21100_1RB#0_20000~27000_20000~27000



Band7_10MHz_16QAM_21100_1RB#0_0.009~0.15_0.009~0.15

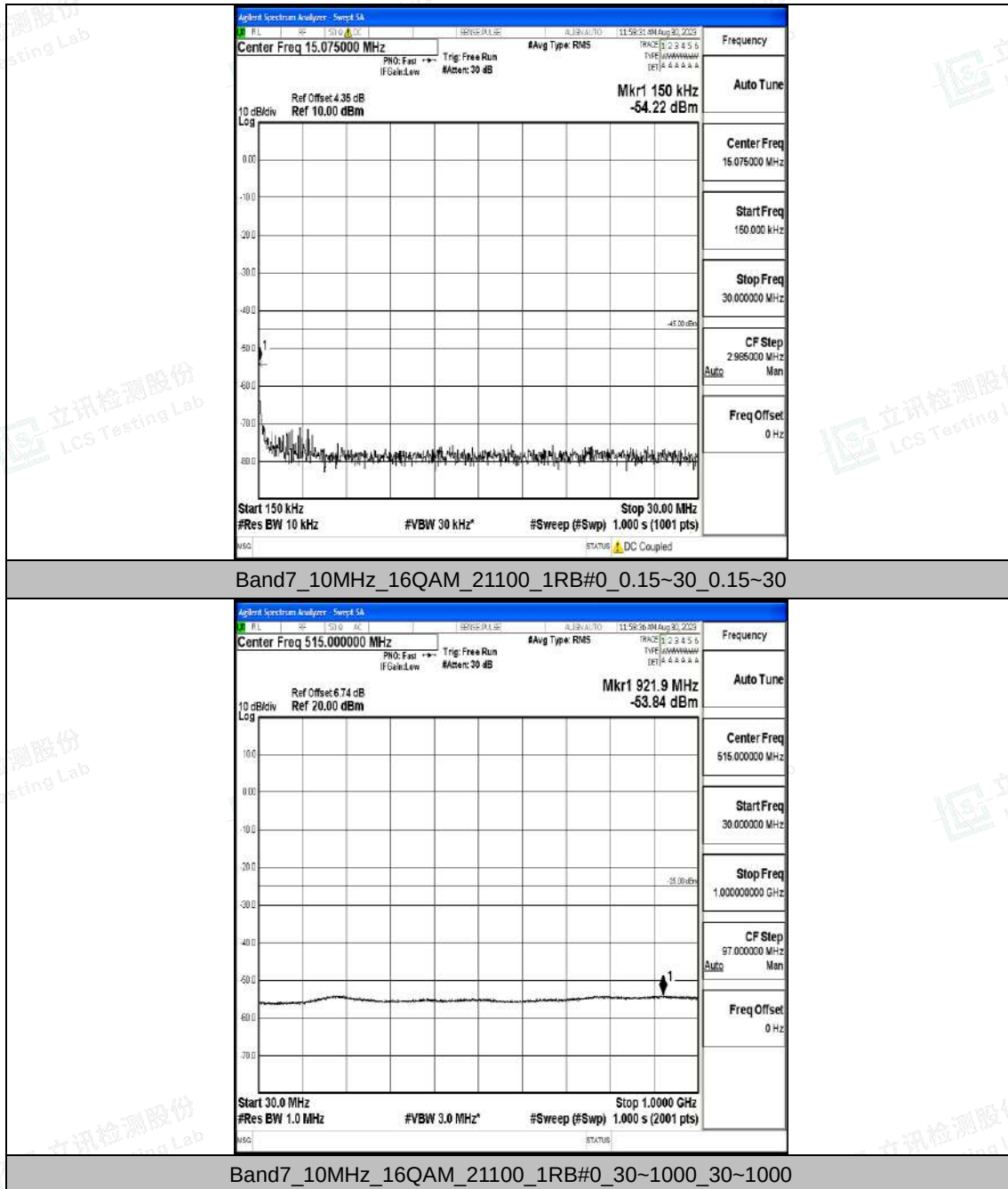


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

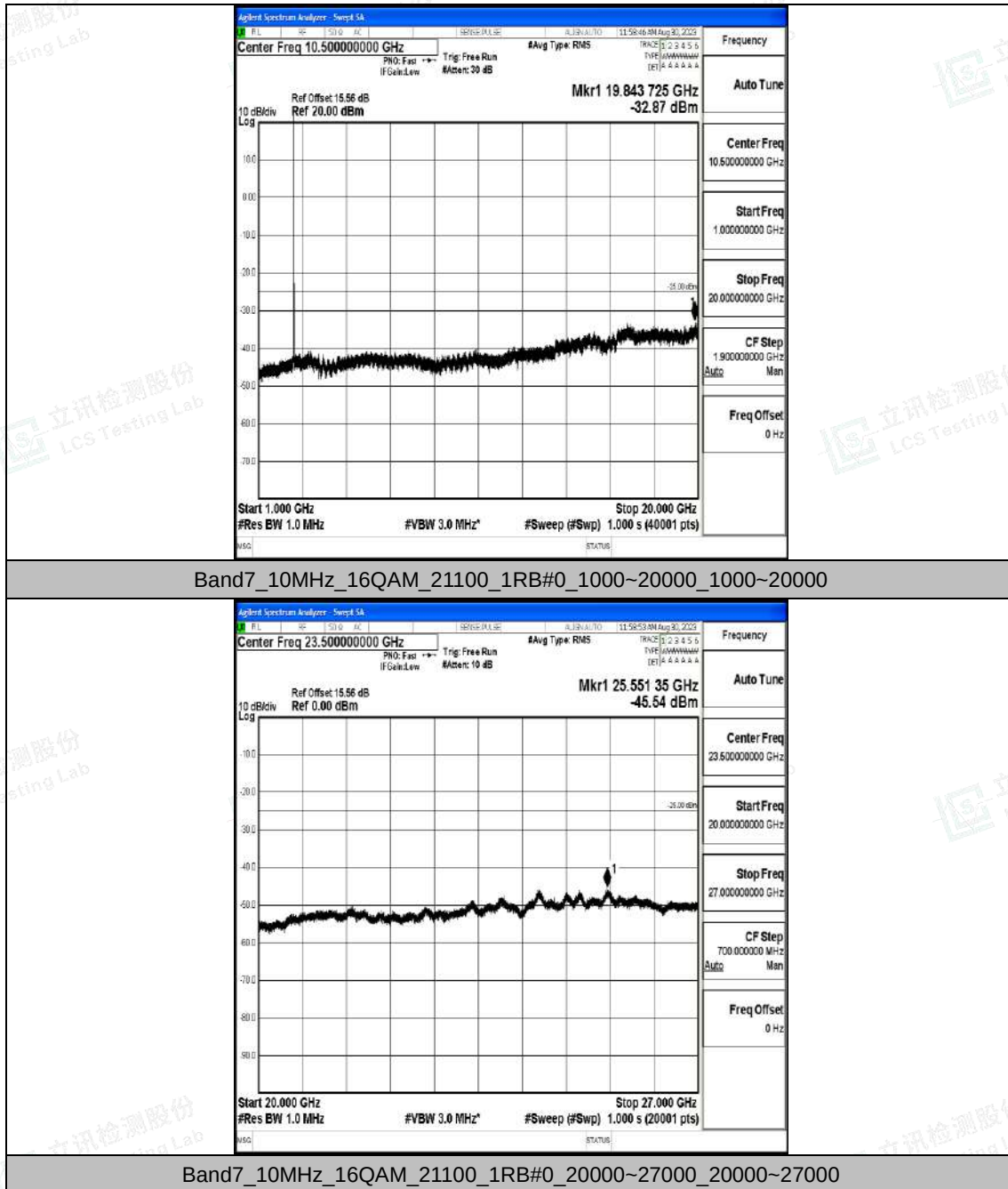


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

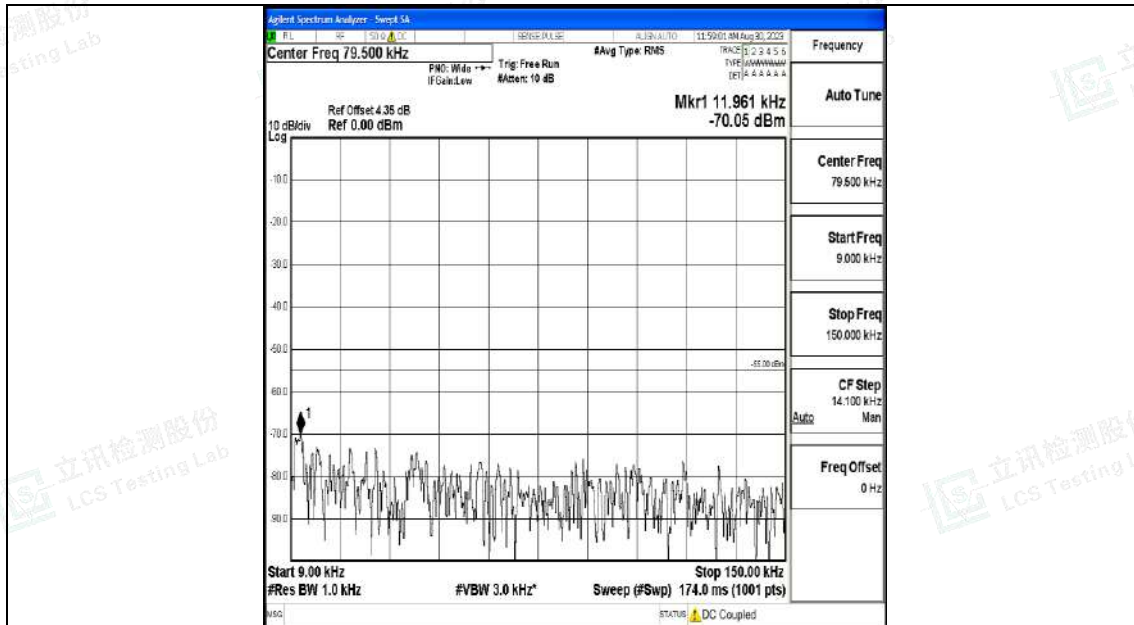


Shenzhen LCS Compliance Testing Laboratory Ltd.

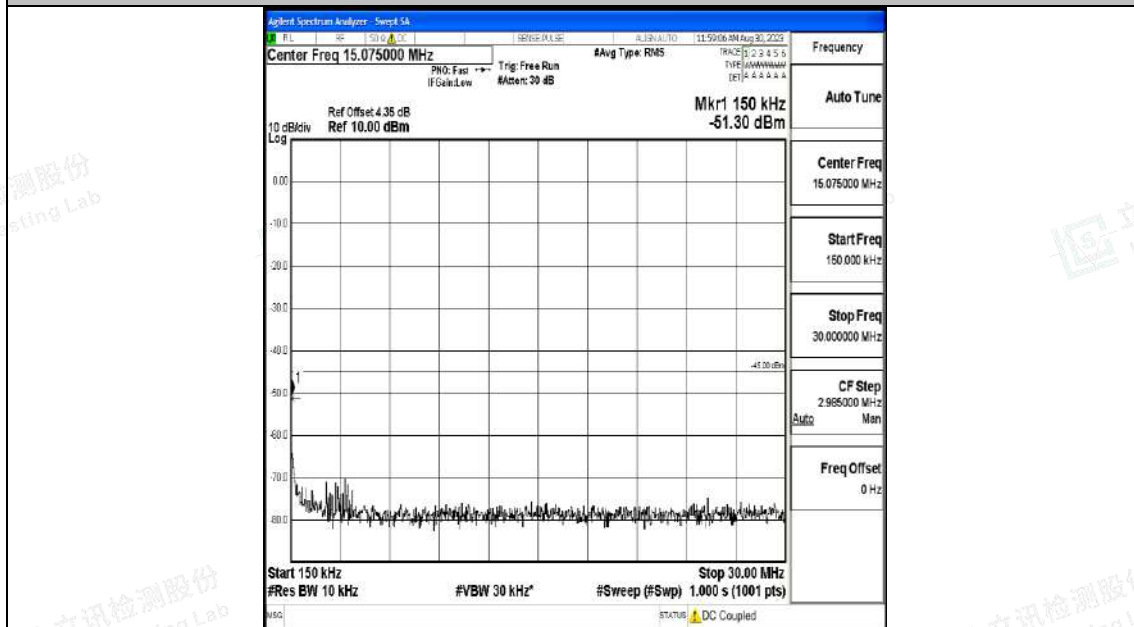
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



Band7_10MHz_QPSK_21400_1RB#0_0.009~0.15_0.009~0.15



Band7_10MHz_QPSK_21400_1RB#0_0.15~30_0.15~30

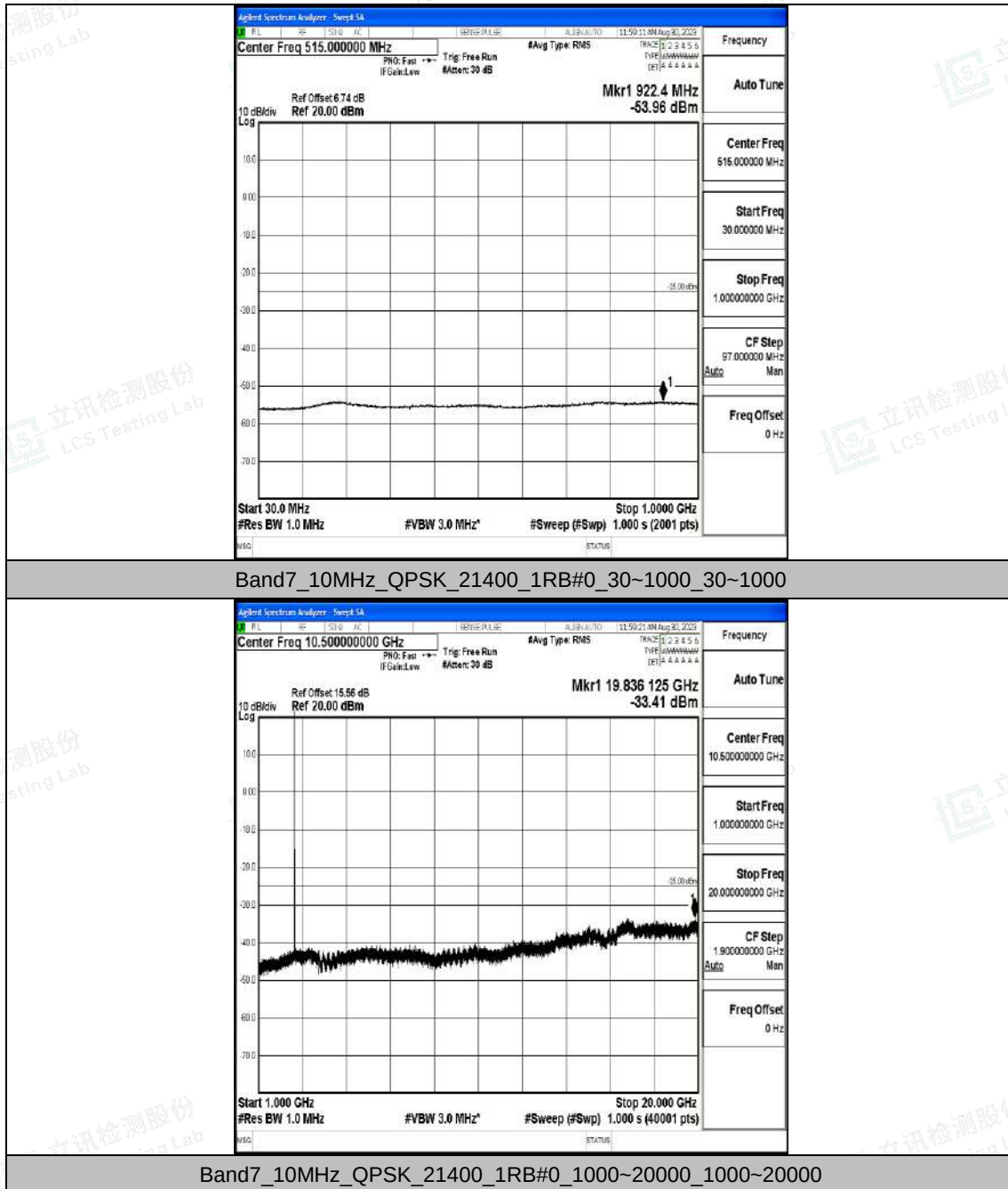


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

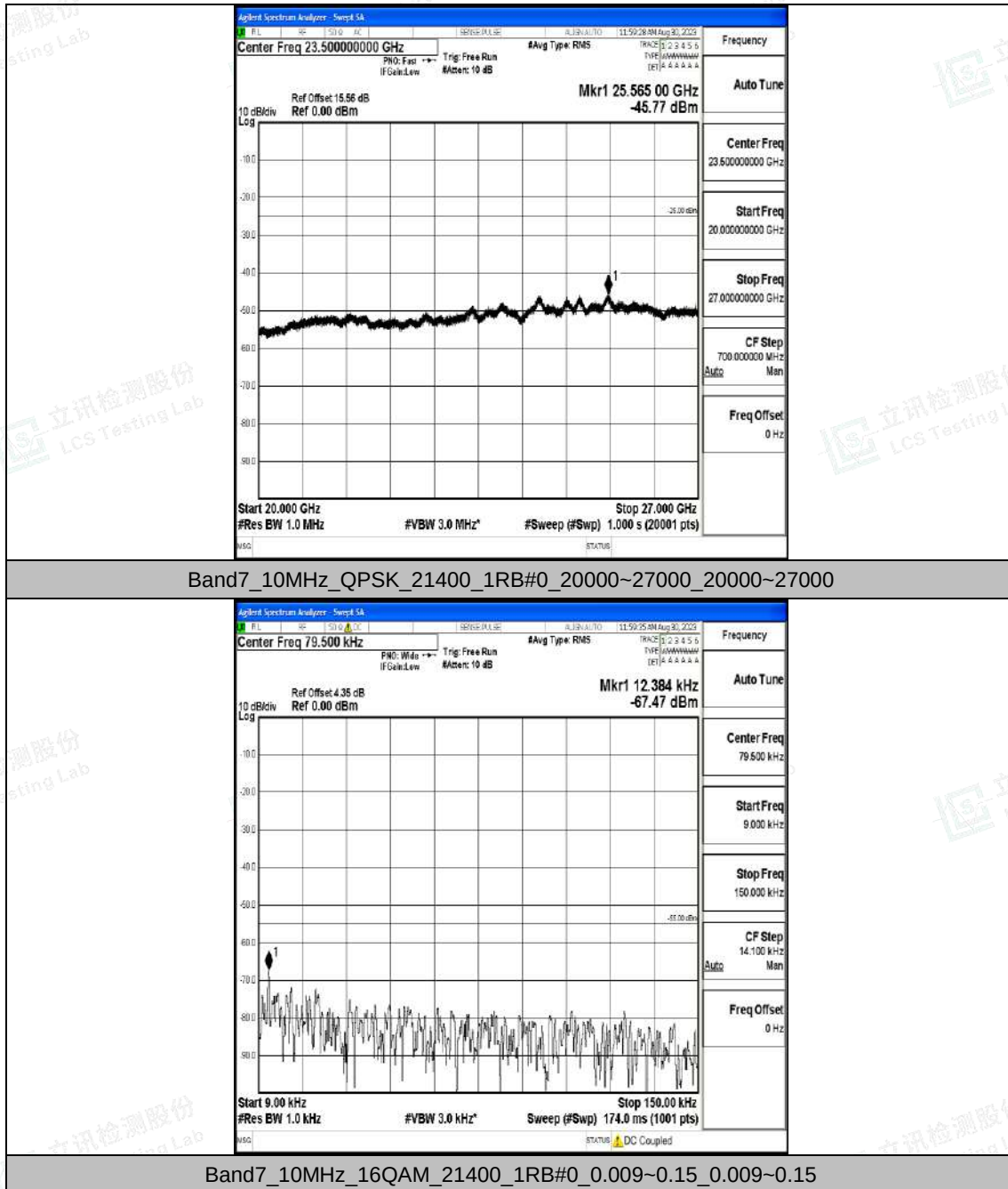


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

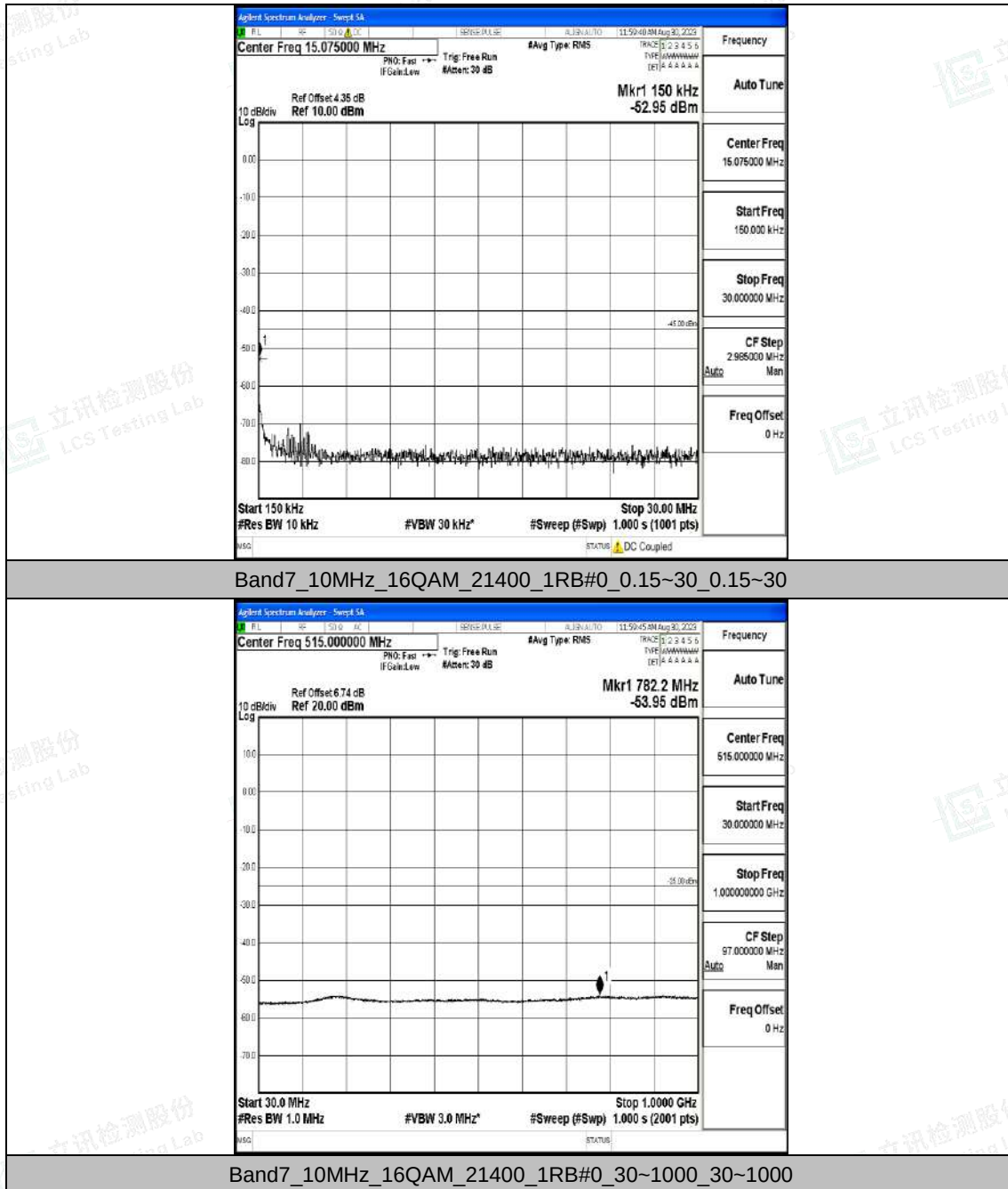


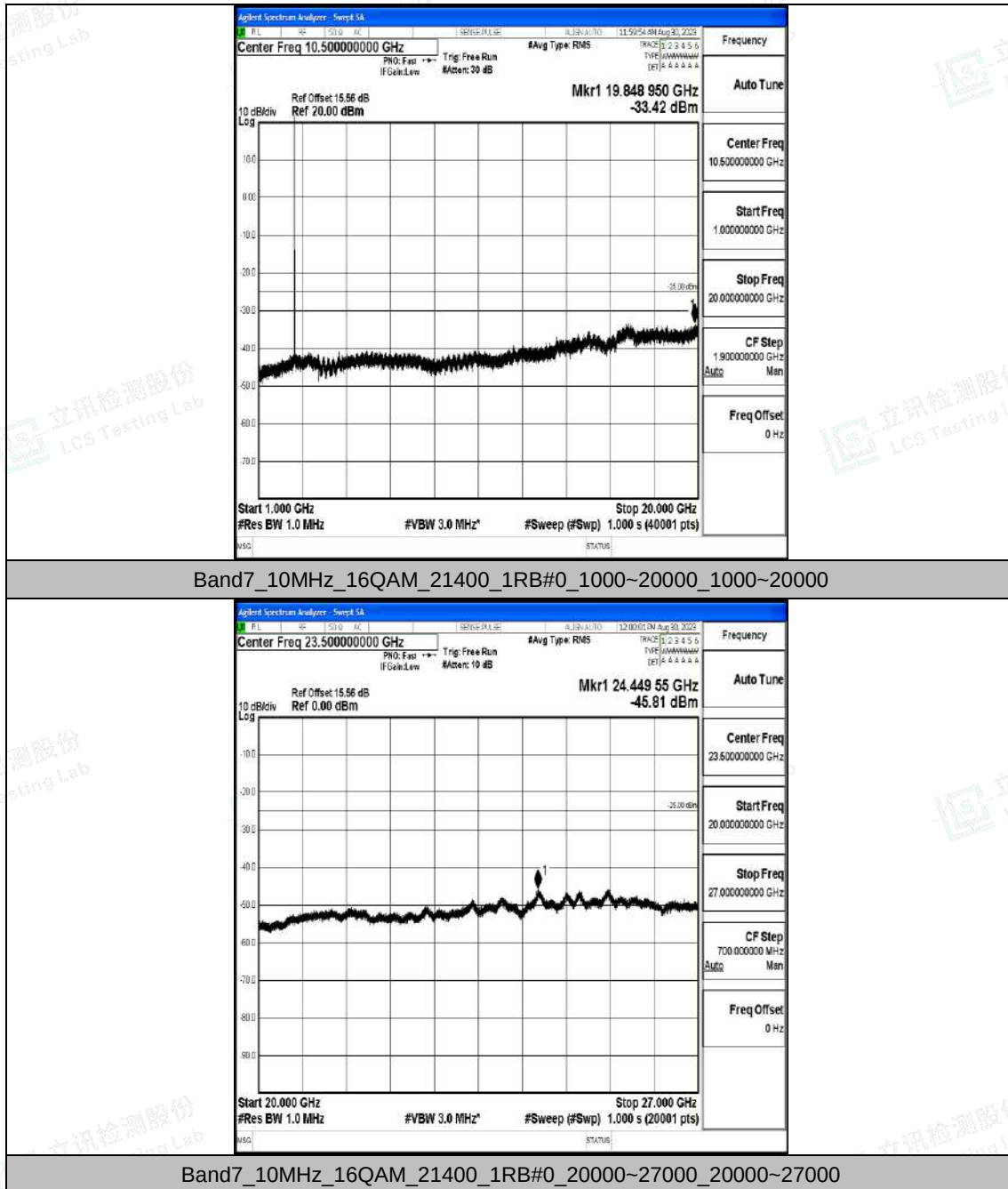
Shenzhen LCS Compliance Testing Laboratory Ltd.

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



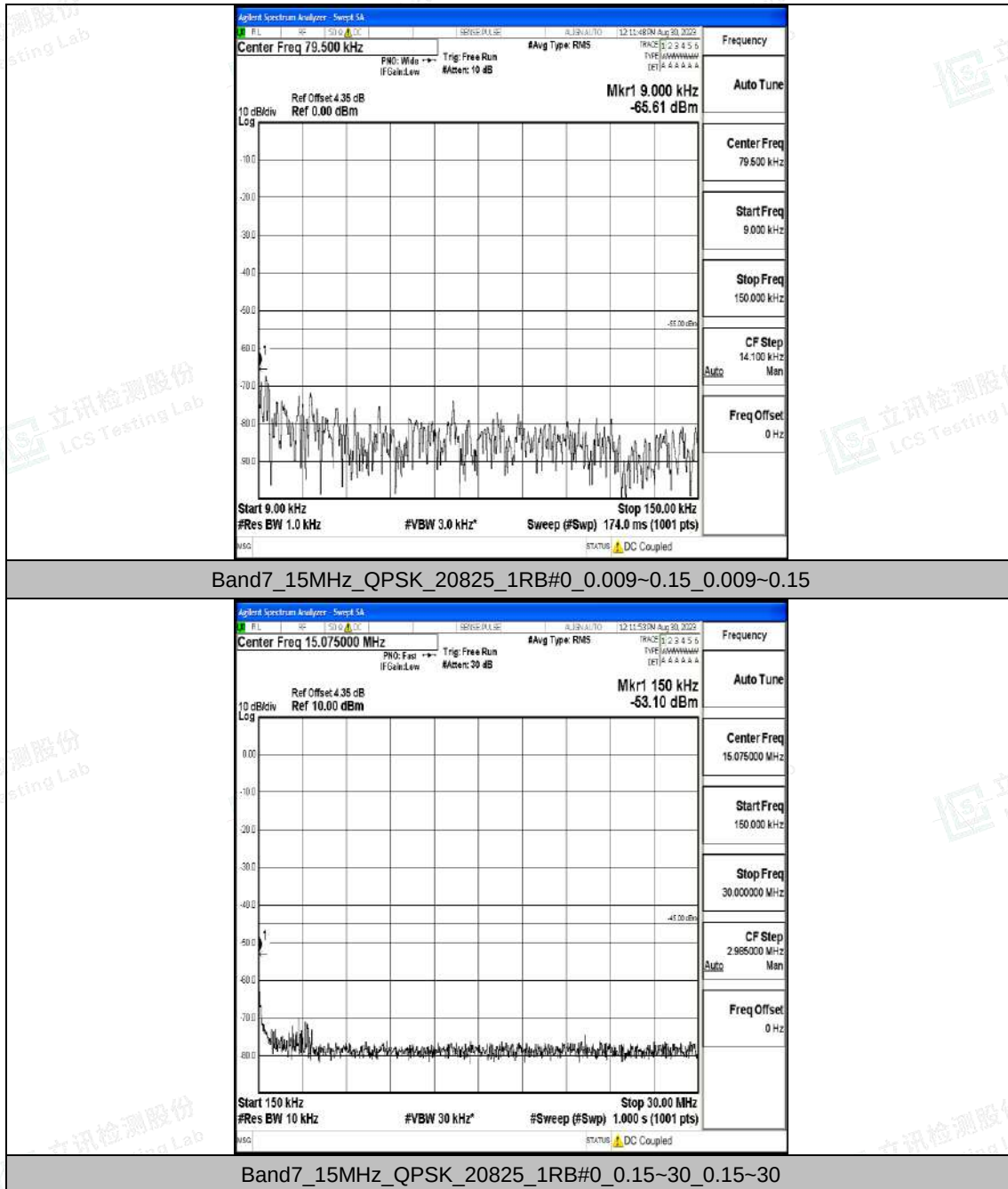


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

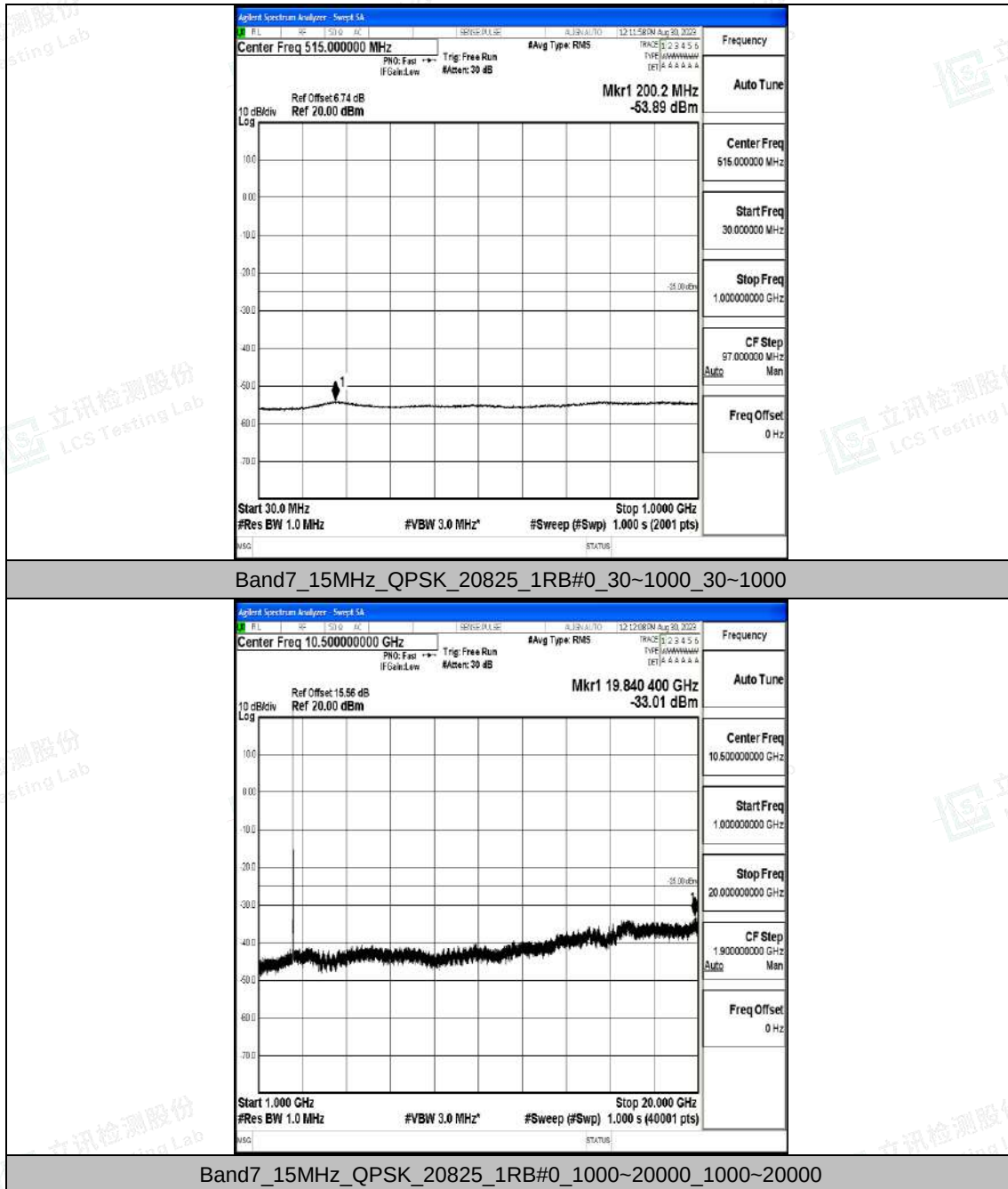


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

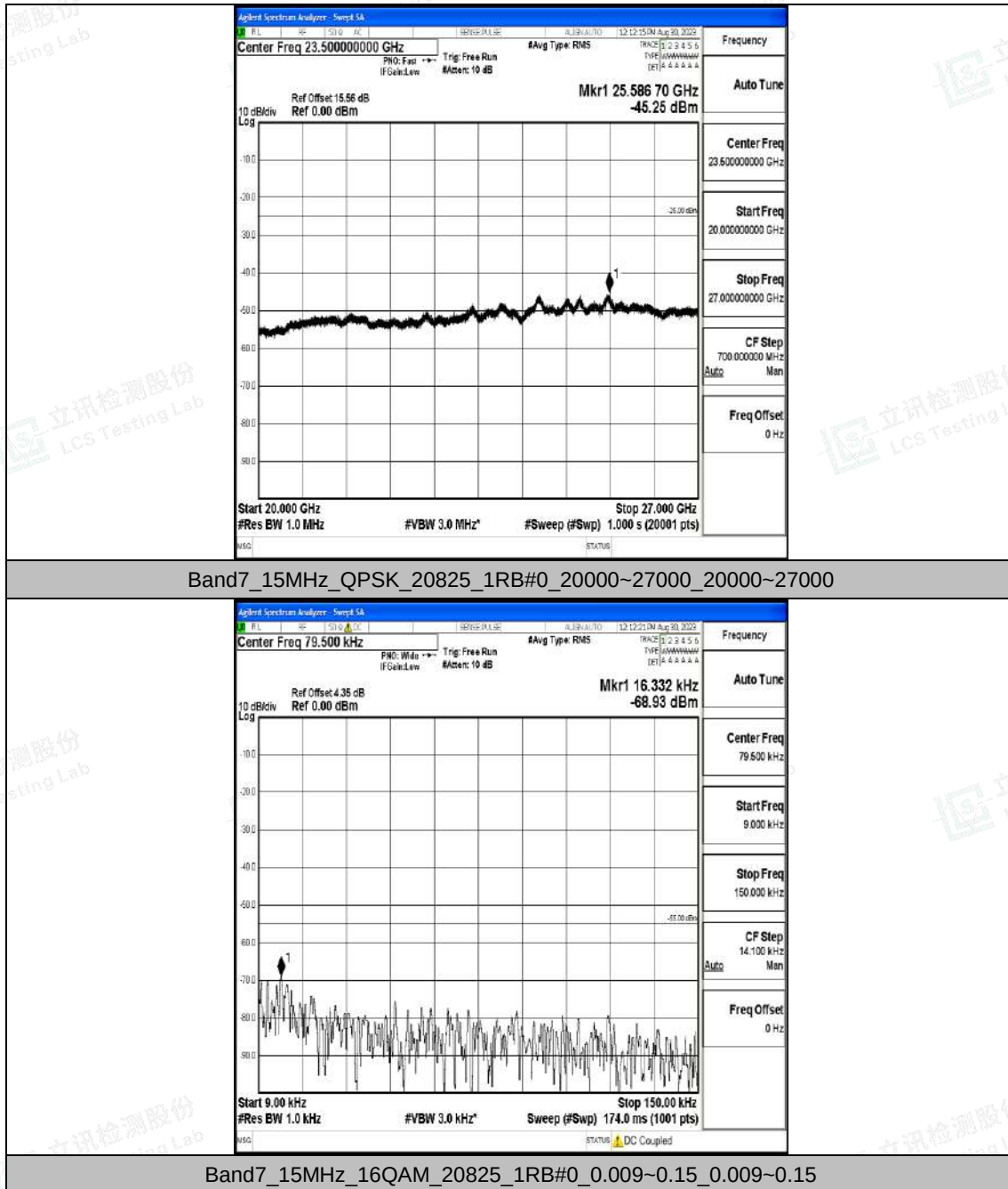


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

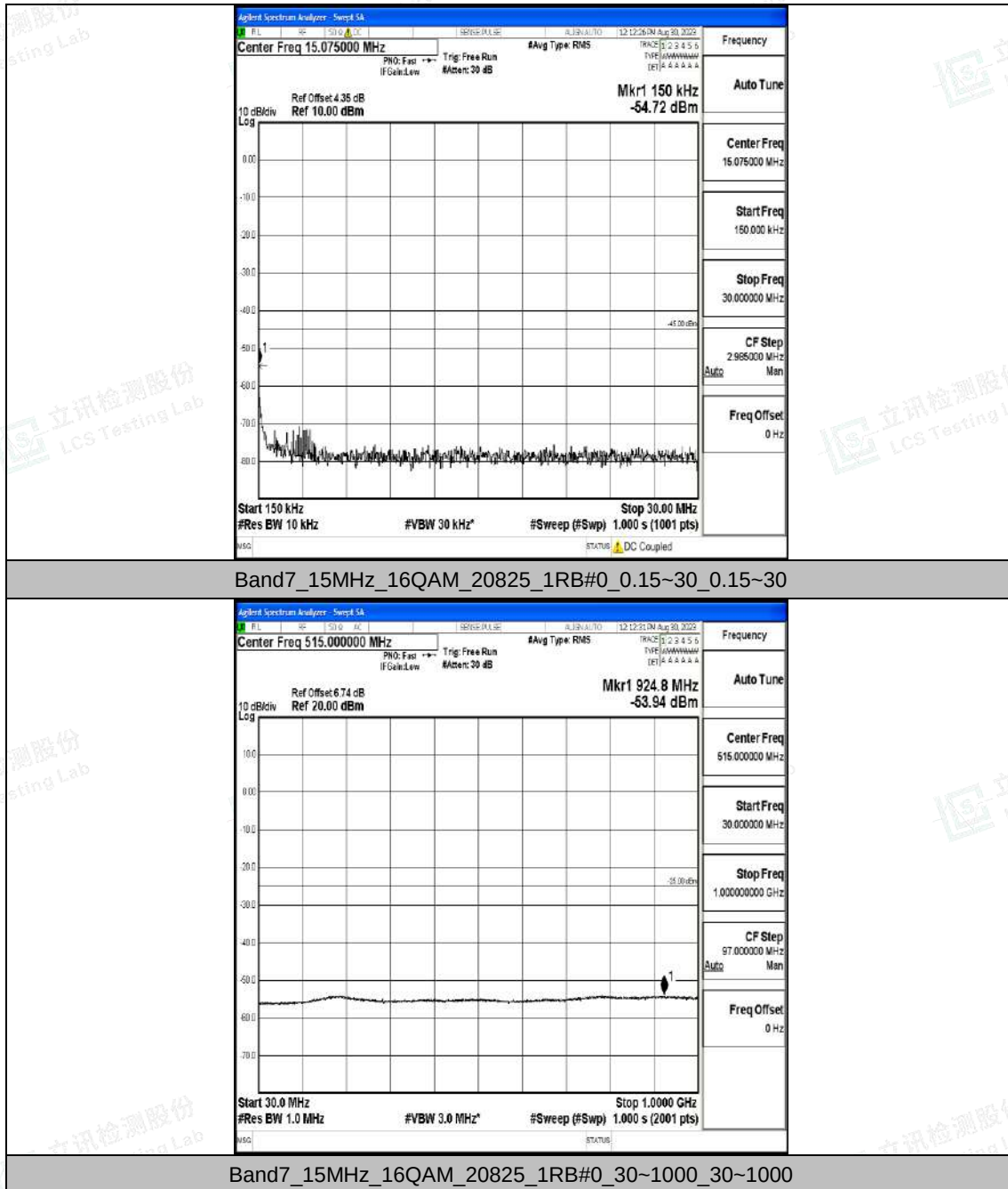


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

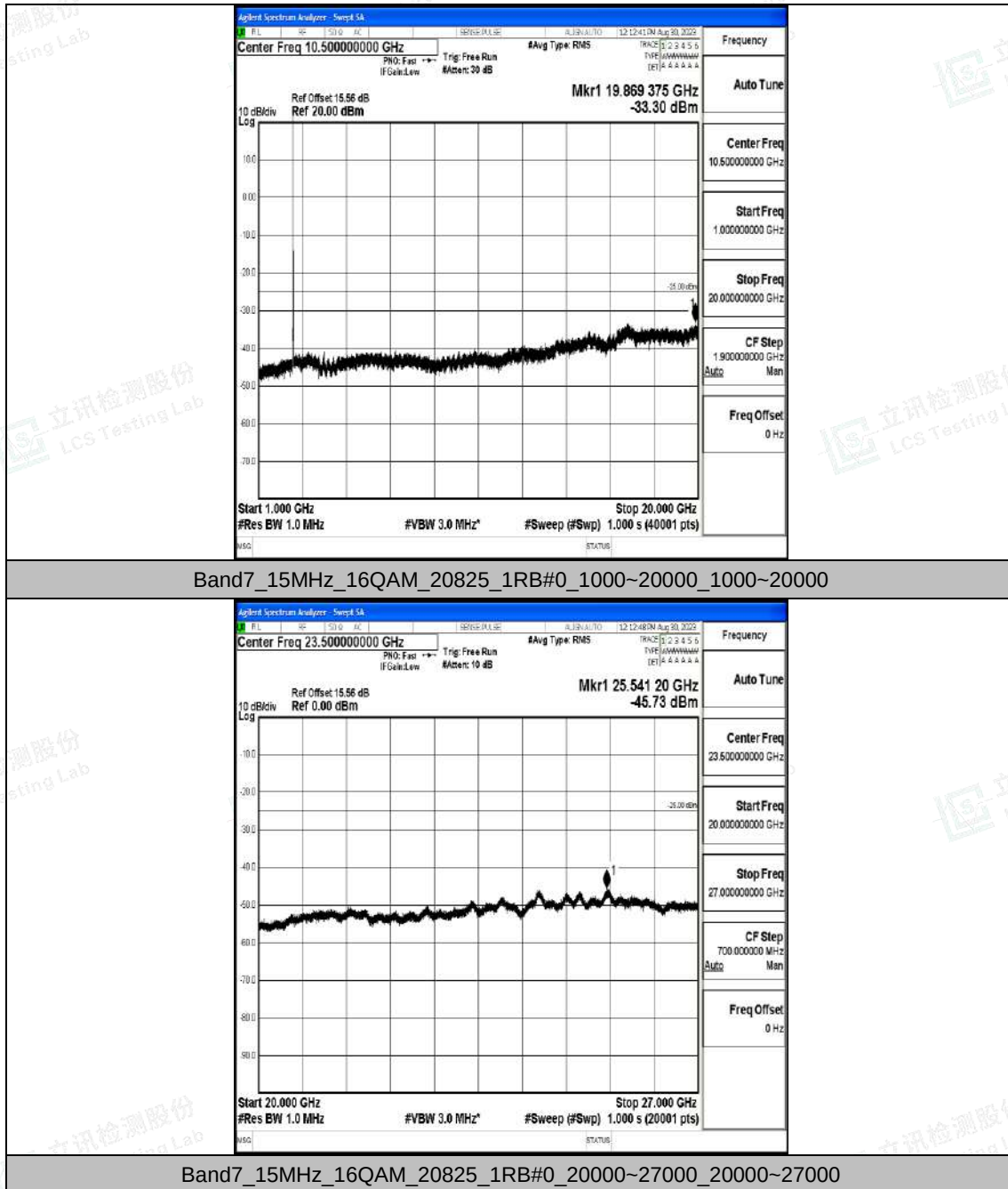


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

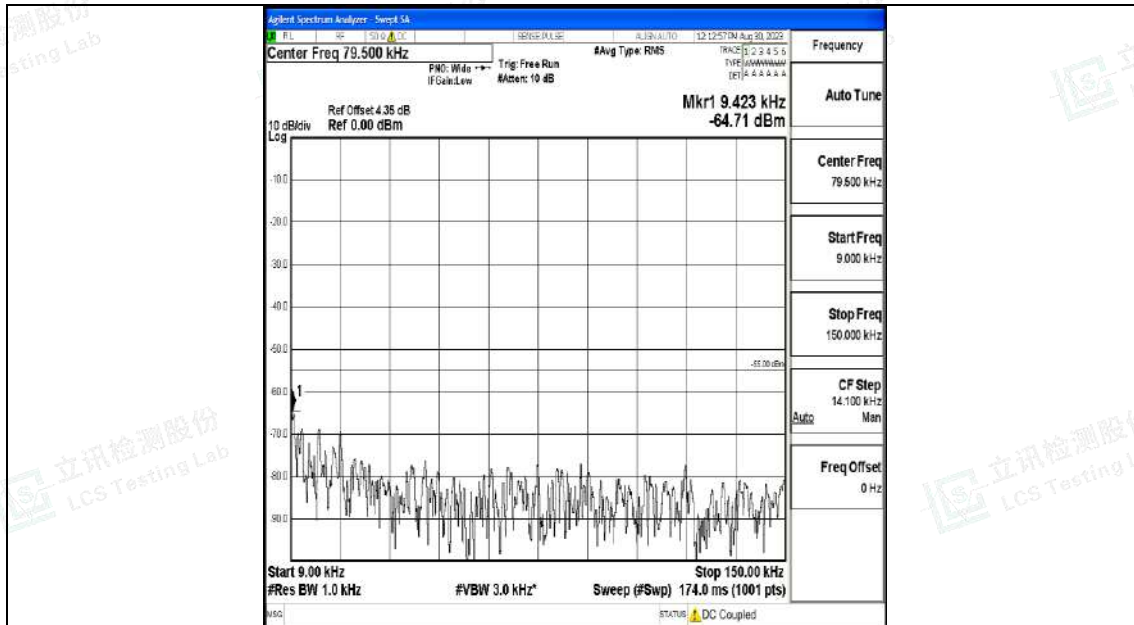


Shenzhen LCS Compliance Testing Laboratory Ltd.

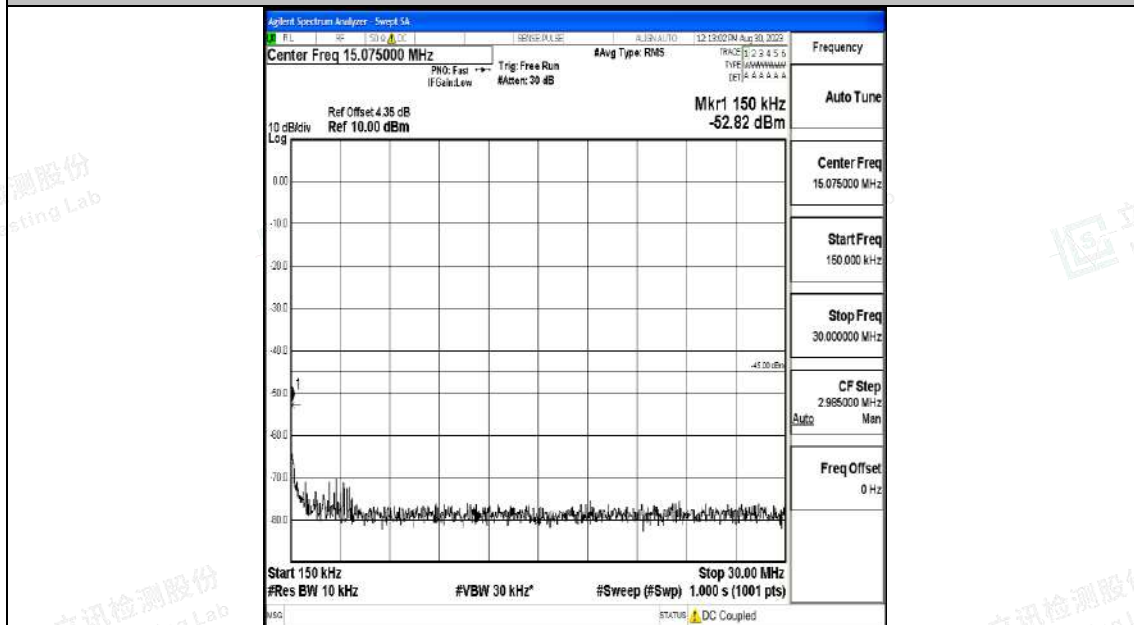
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity

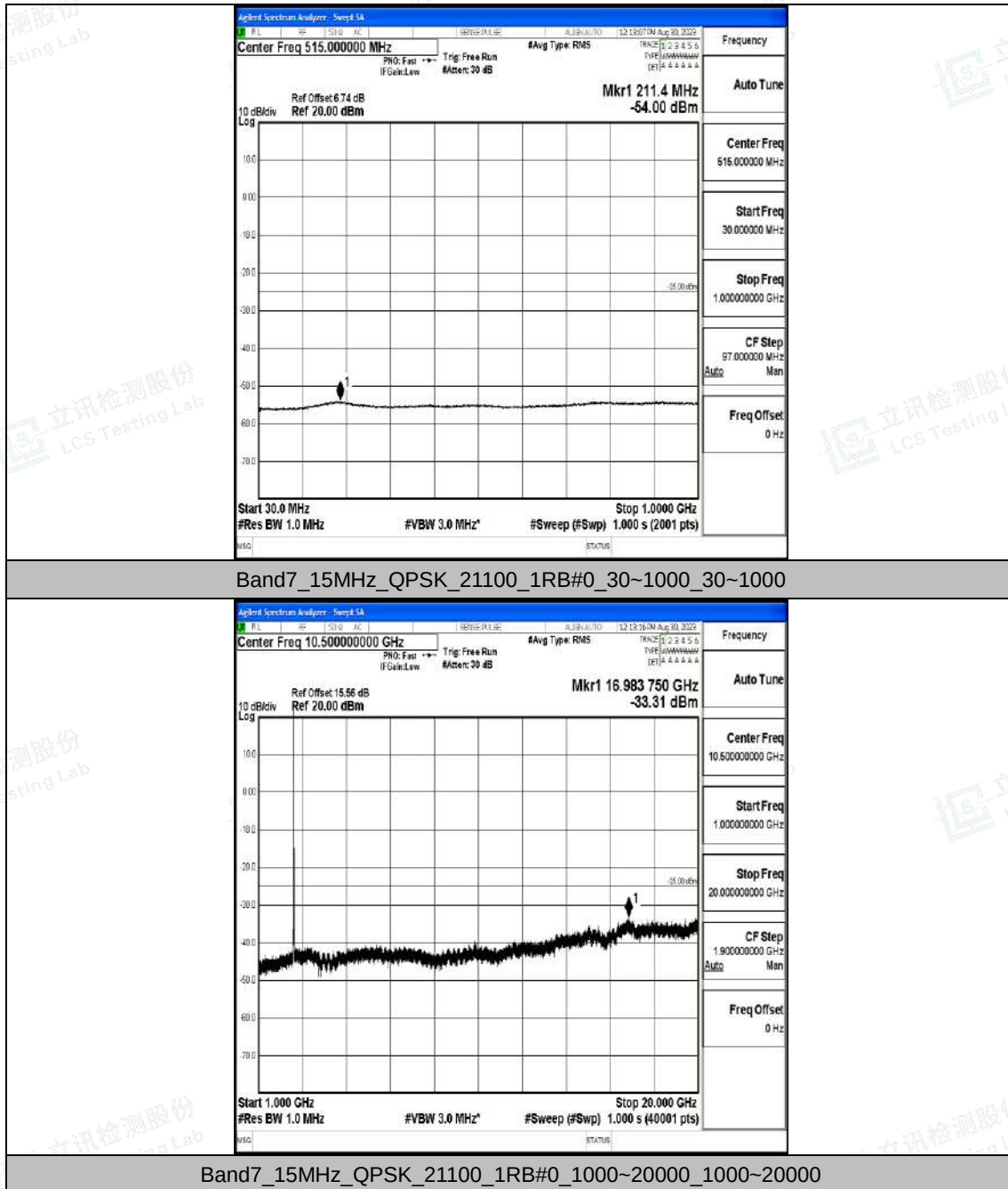


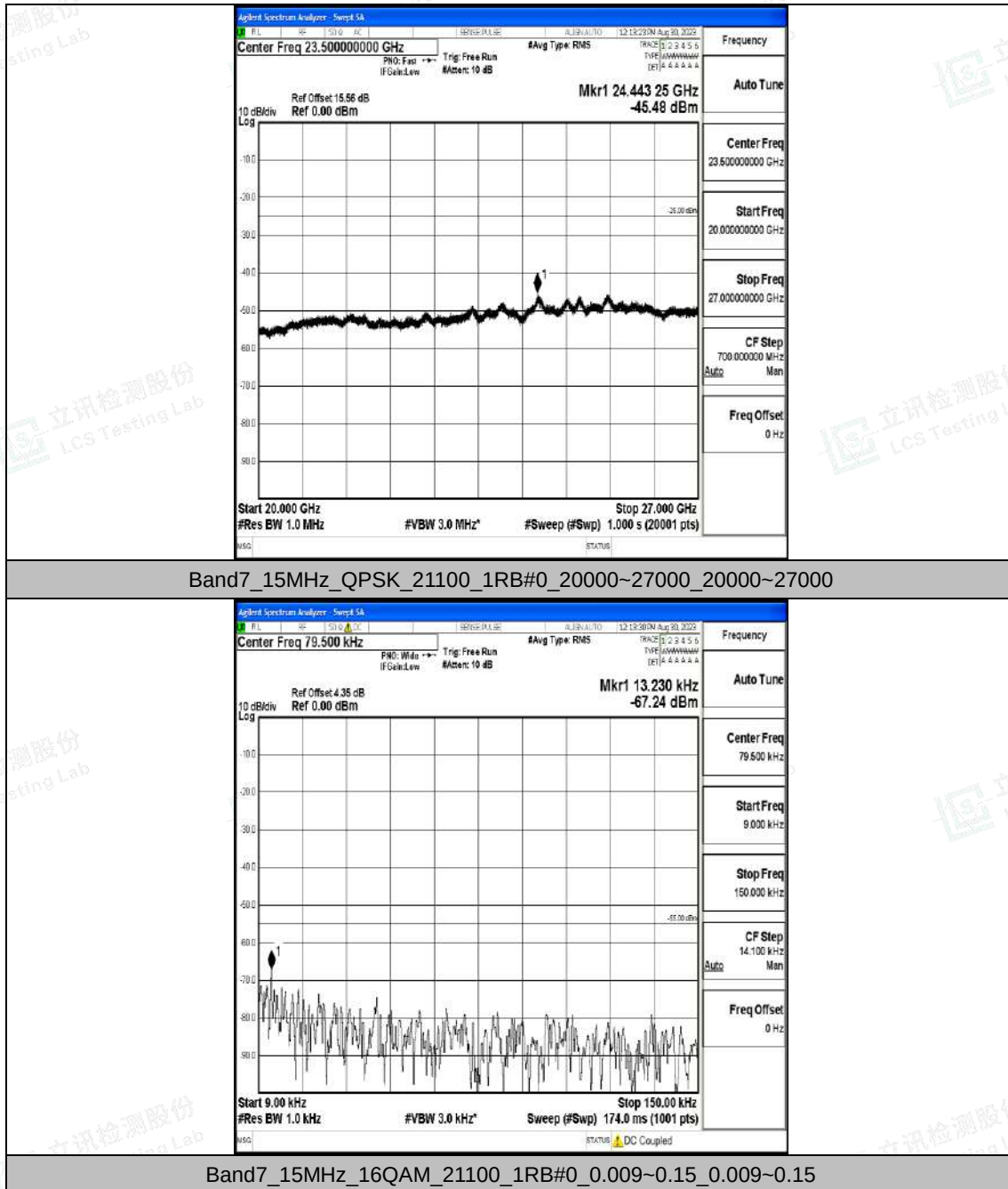
Band7_15MHz_QPSK_21100_1RB#0_0.009~0.15_0.009~0.15



Band7_15MHz_QPSK_21100_1RB#0_0.15~30_0.15~30





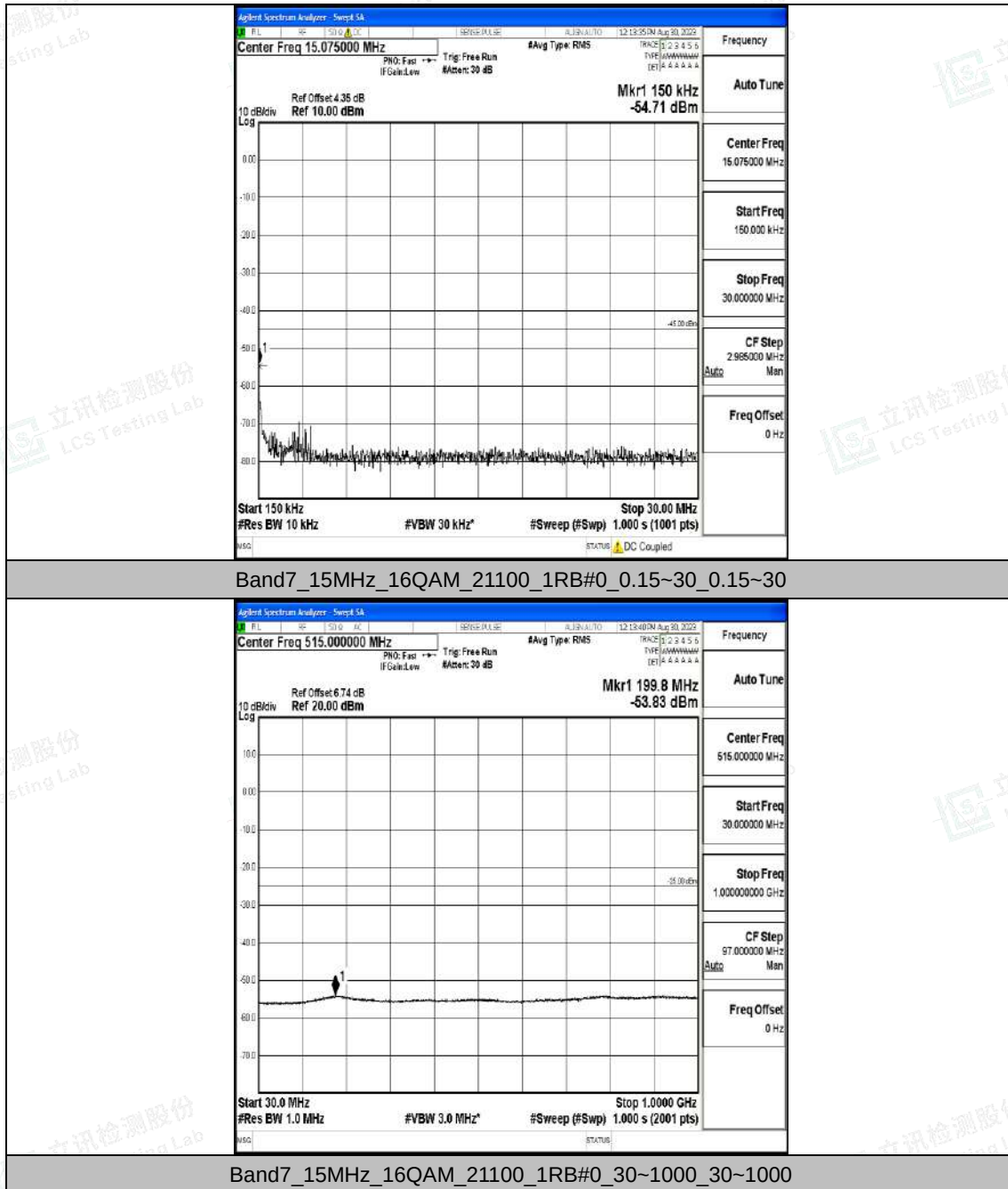


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

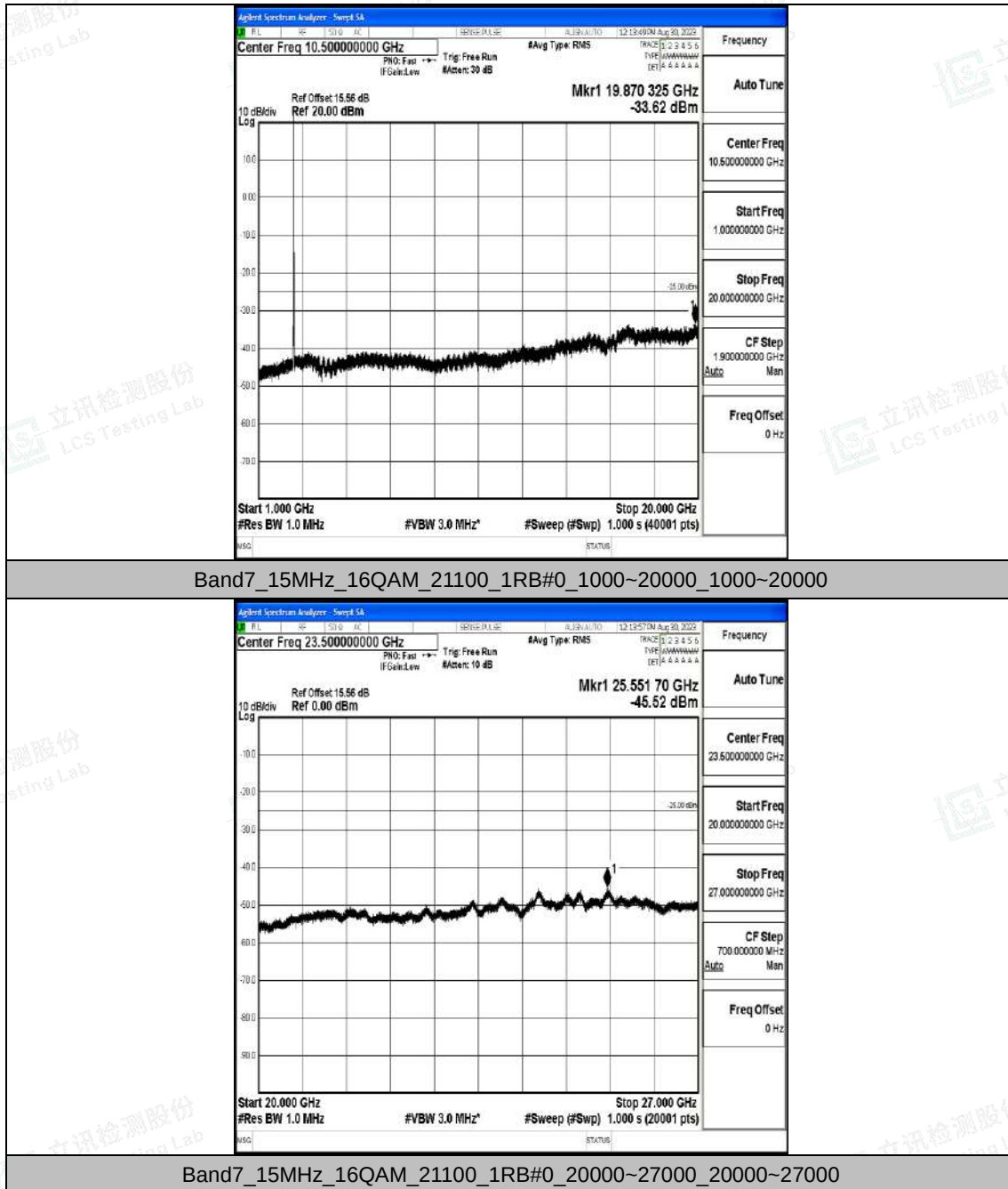


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

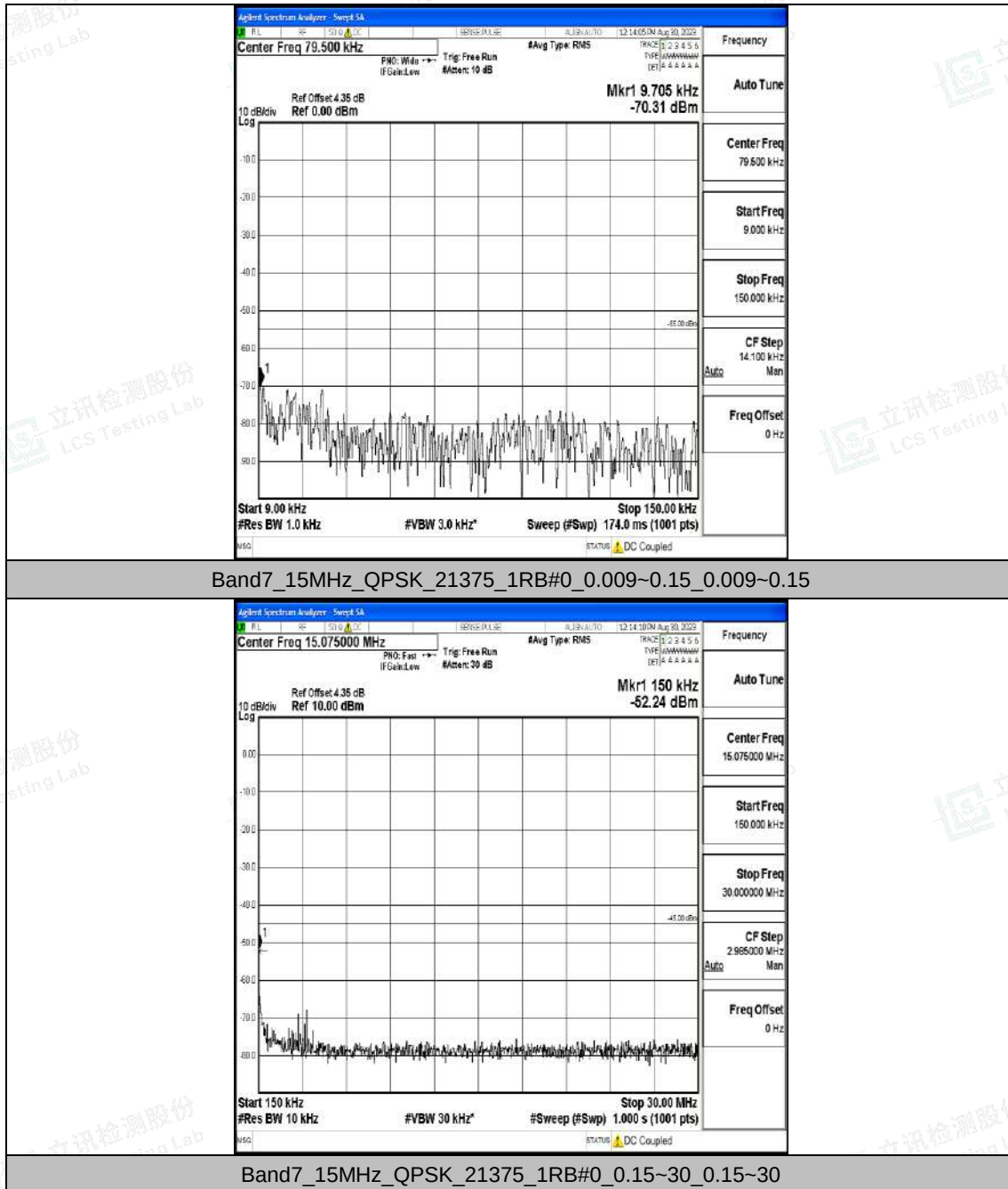


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

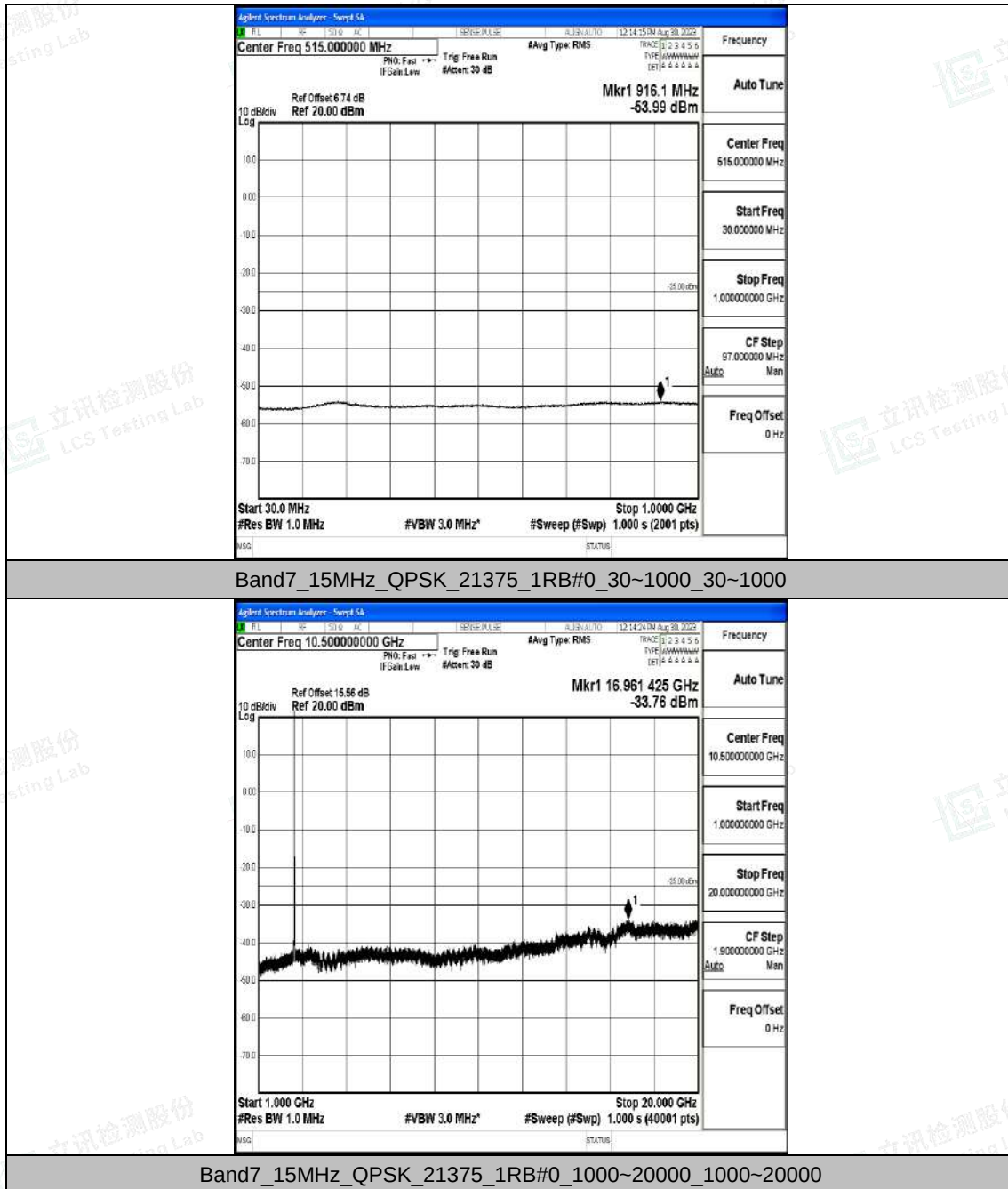


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

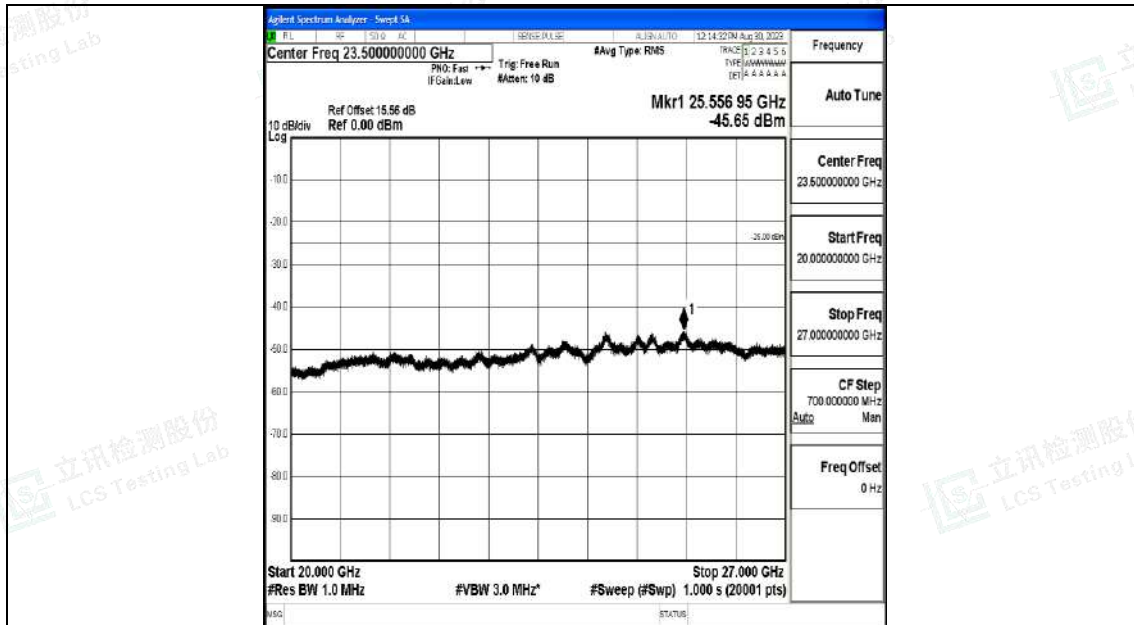


Shenzhen LCS Compliance Testing Laboratory Ltd.

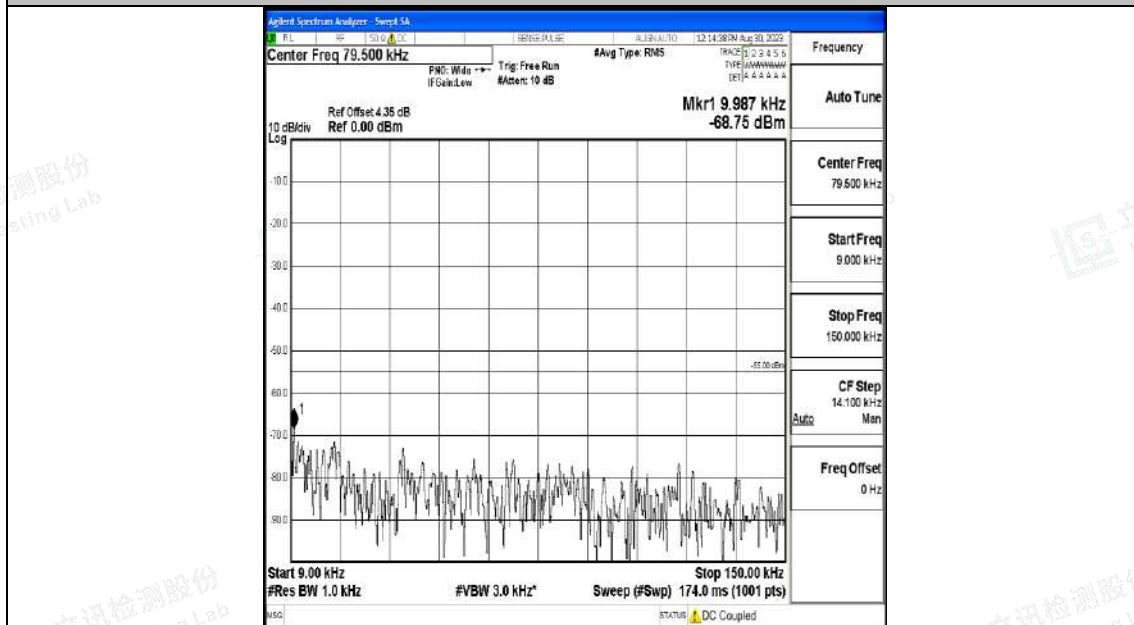
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



Band7_15MHz_QPSK_21375_1RB#0_20000~27000_20000~27000



Band7_15MHz_16QAM_21375_1RB#0_0.009~0.15_0.009~0.15

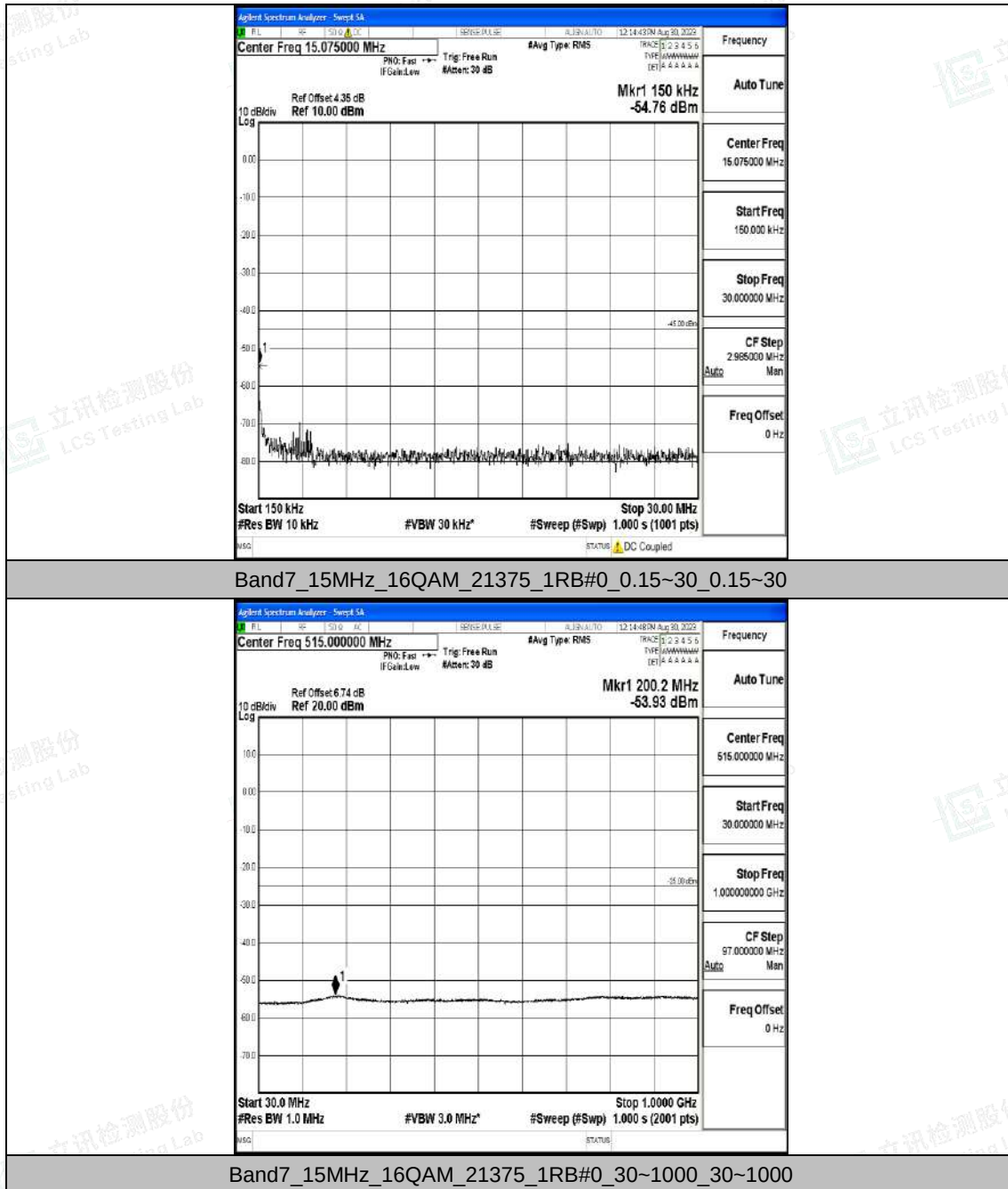


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

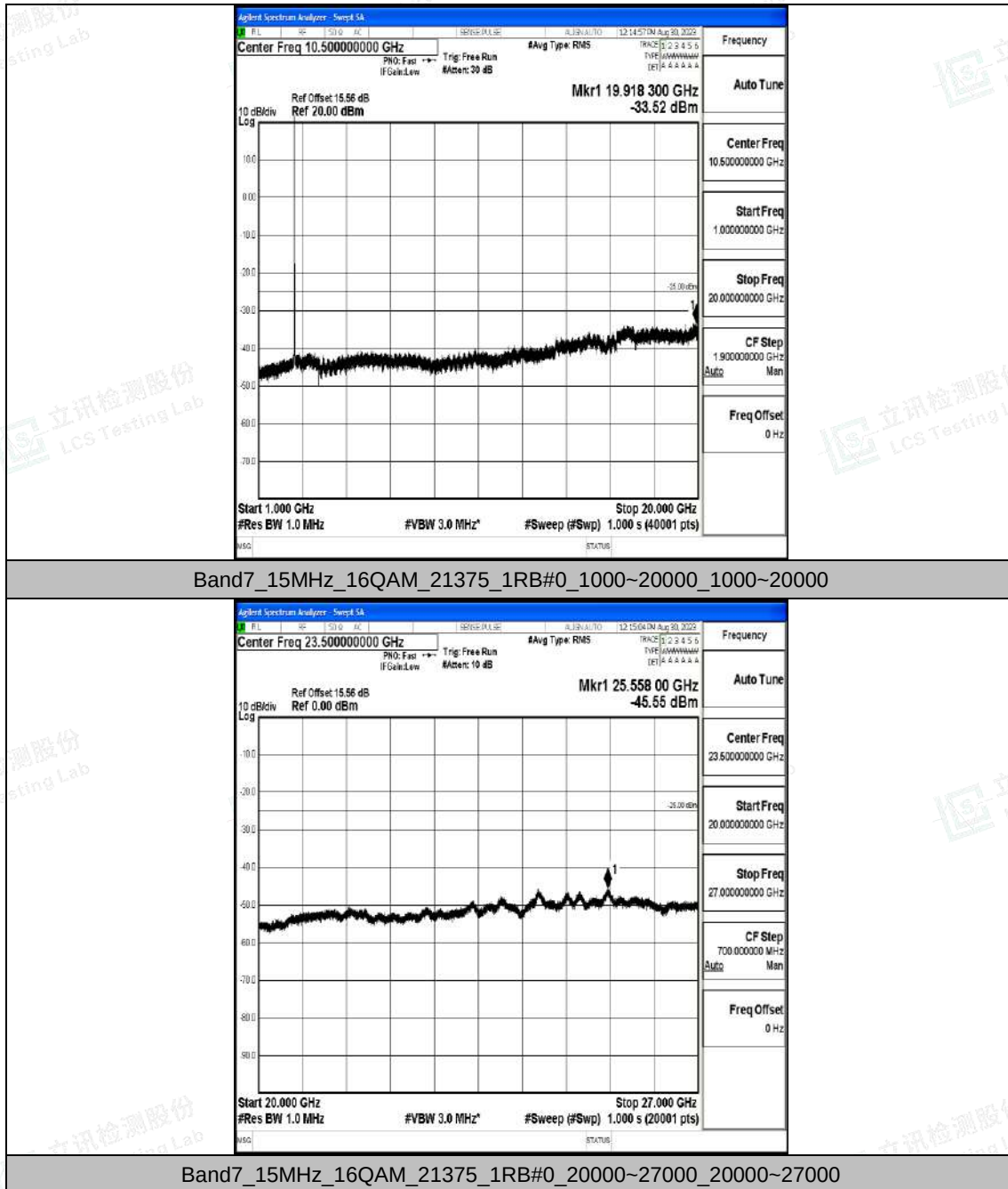


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

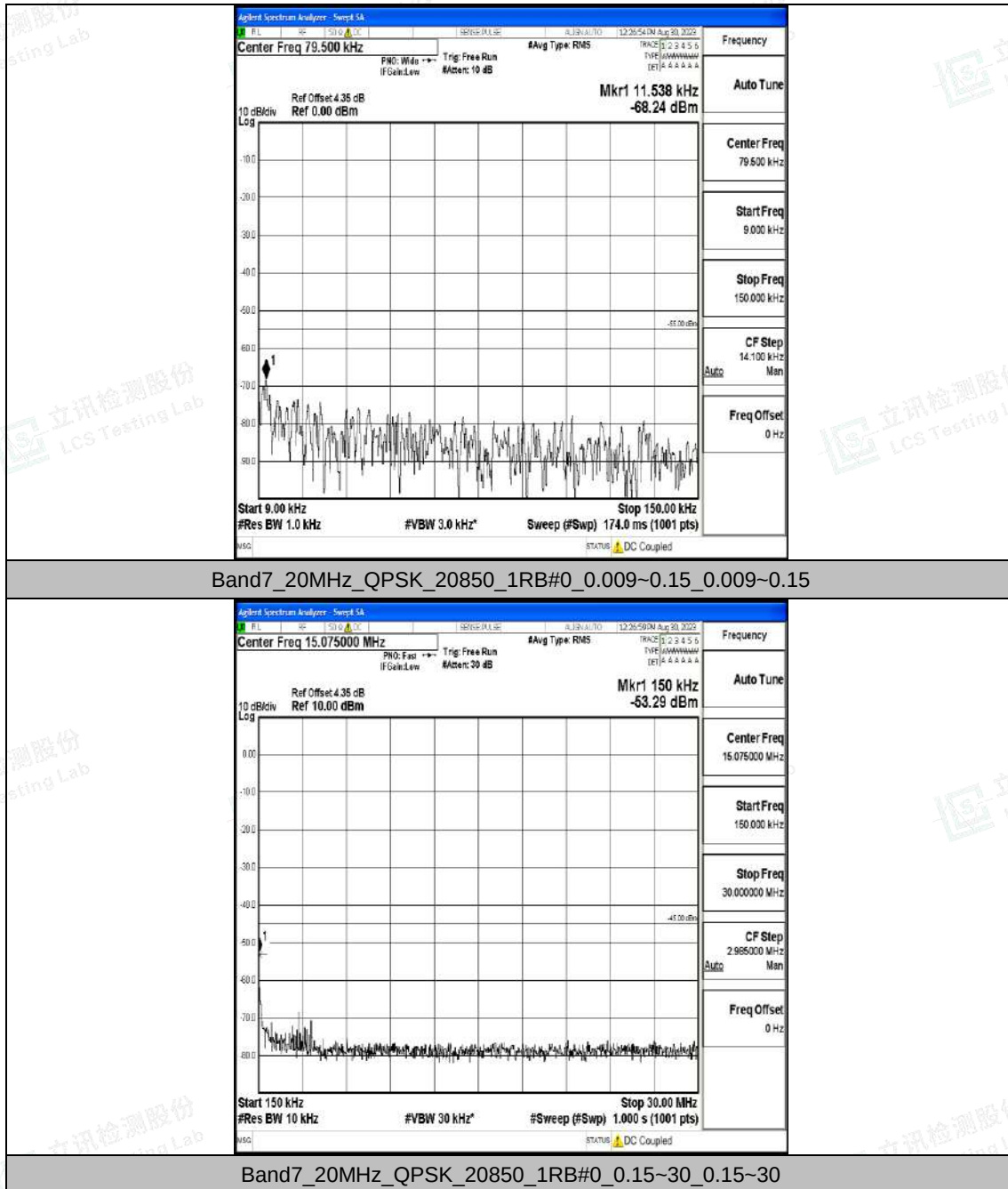


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

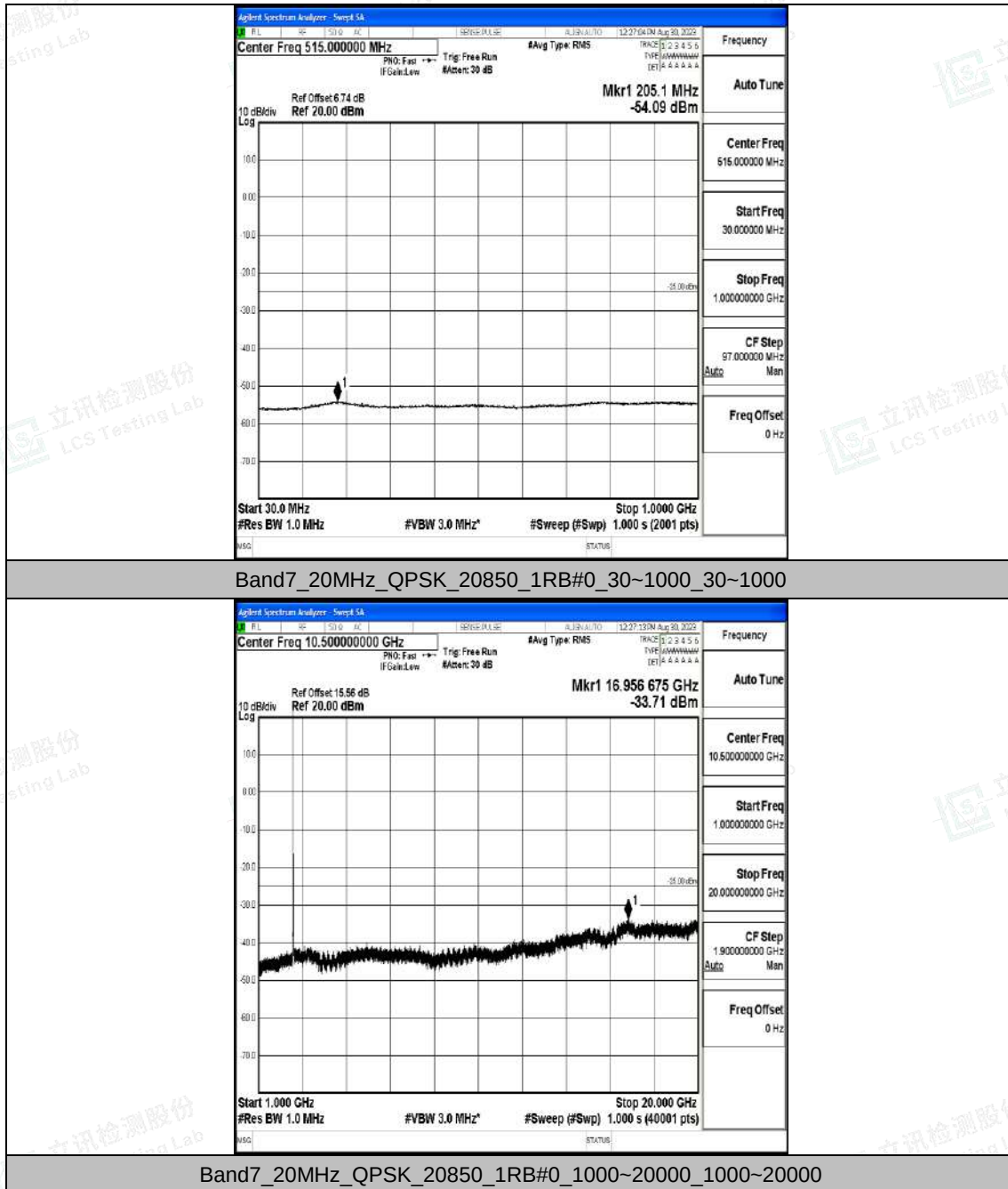


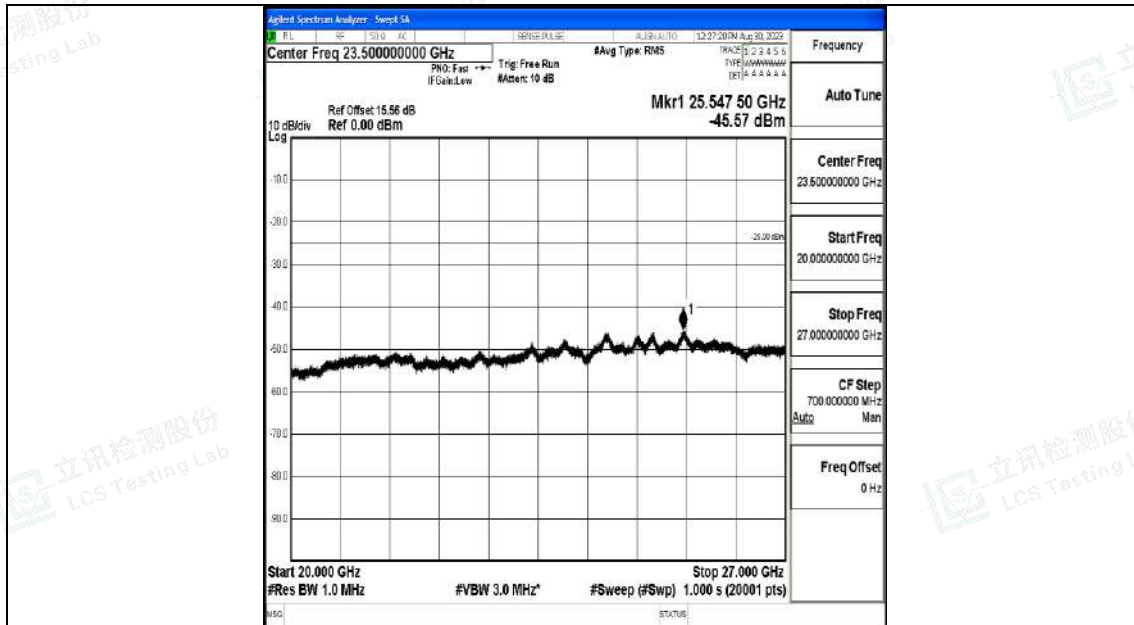
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

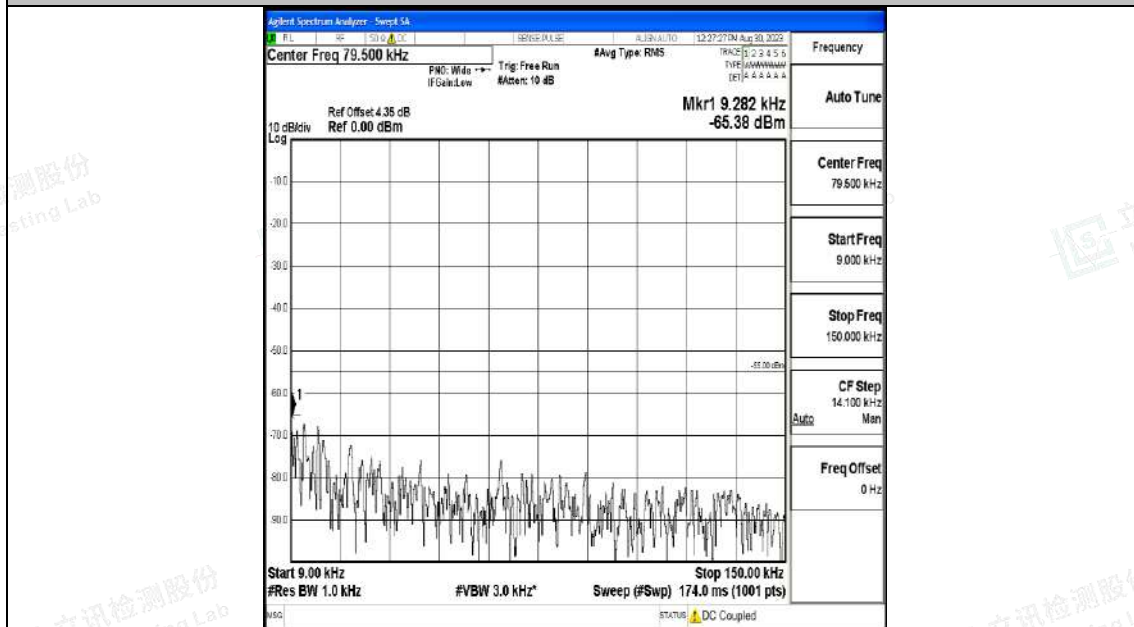
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



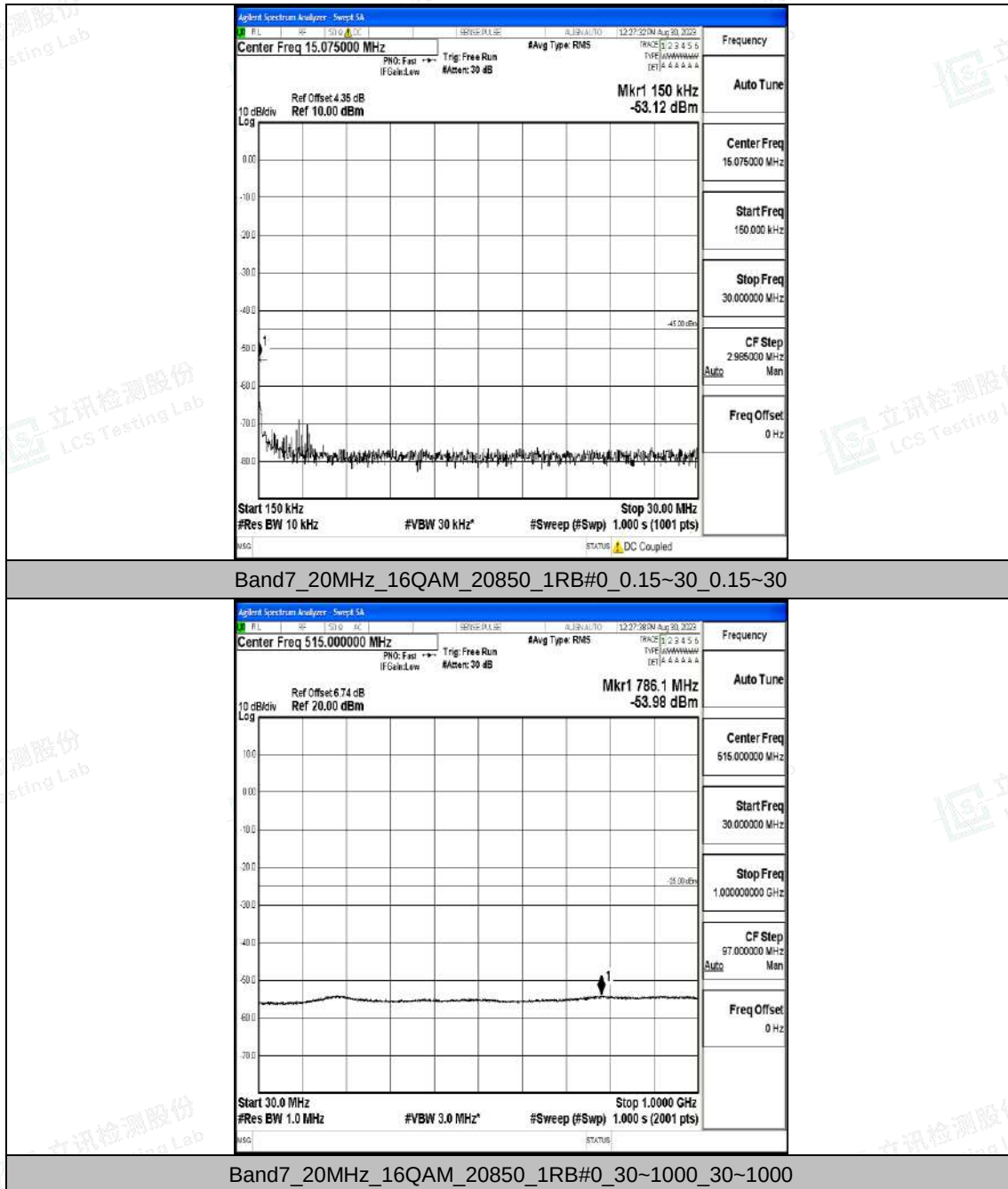


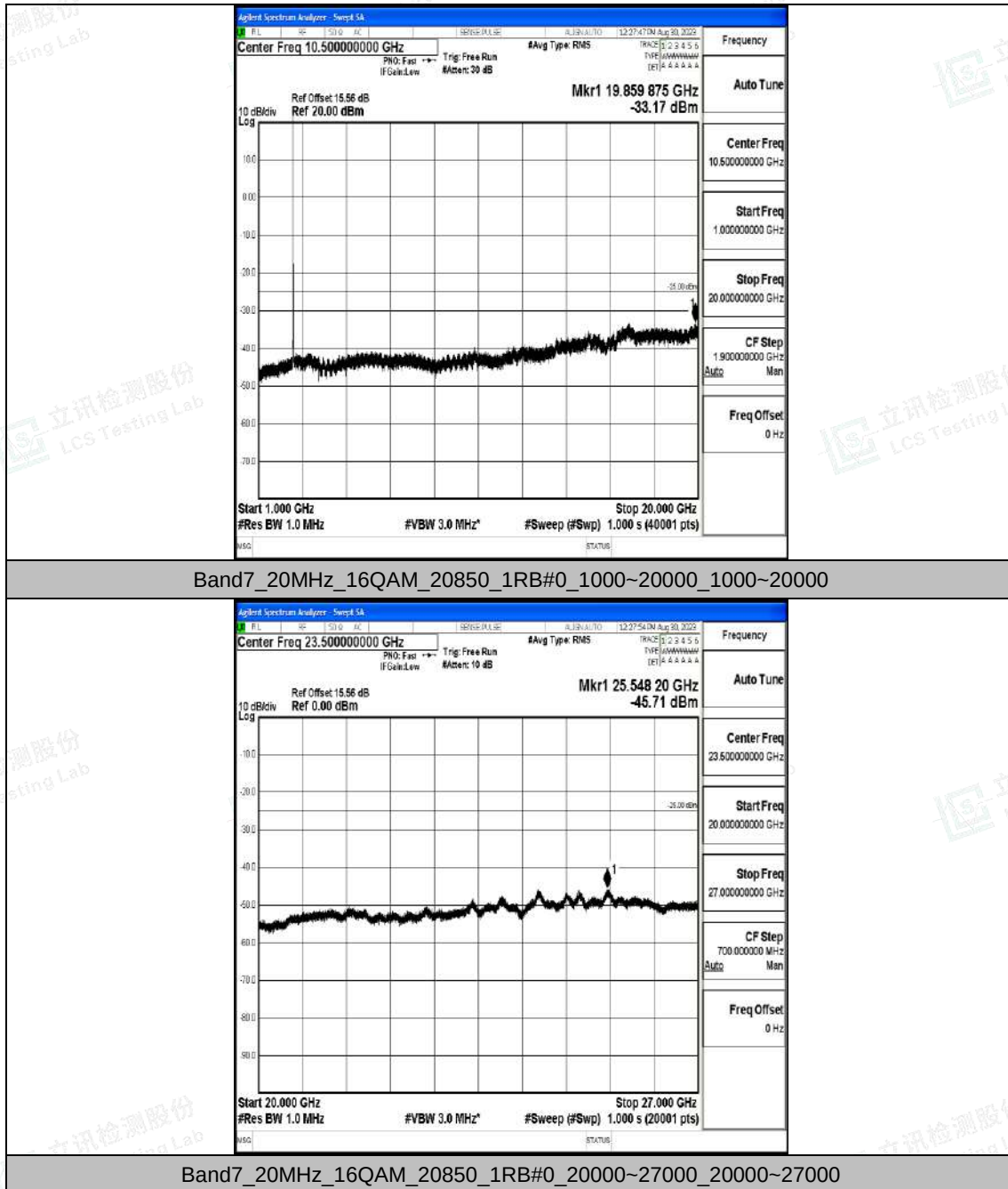
Band7_20MHz_QPSK_20850_1RB#0_20000~27000_20000~27000



Band7_20MHz_16QAM_20850_1RB#0_0.009~0.15_0.009~0.15





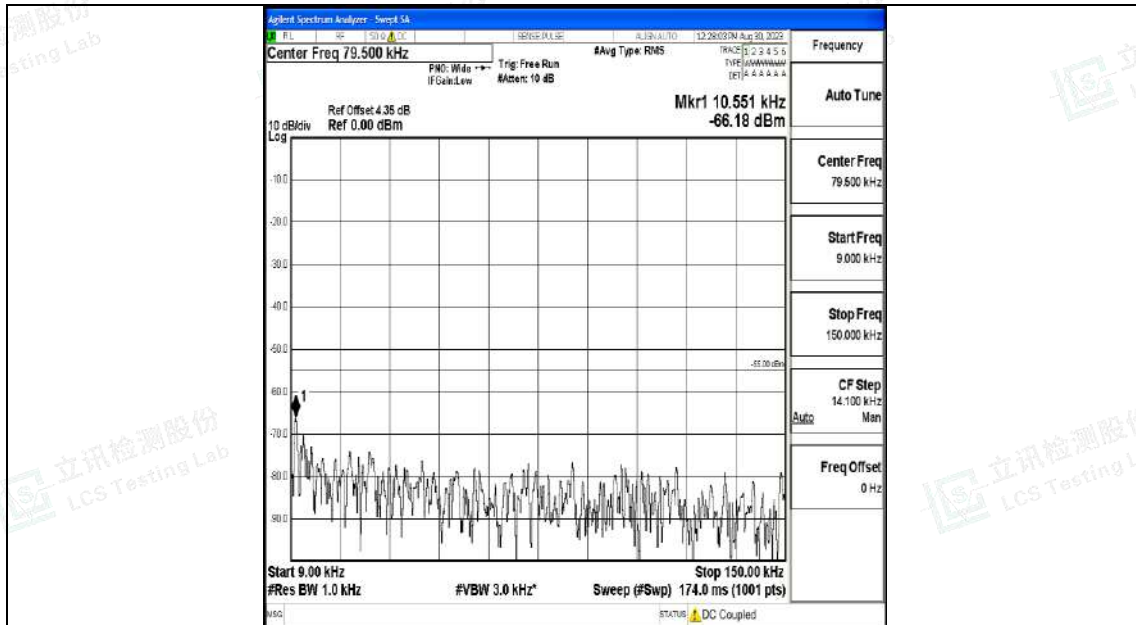


Shenzhen LCS Compliance Testing Laboratory Ltd.

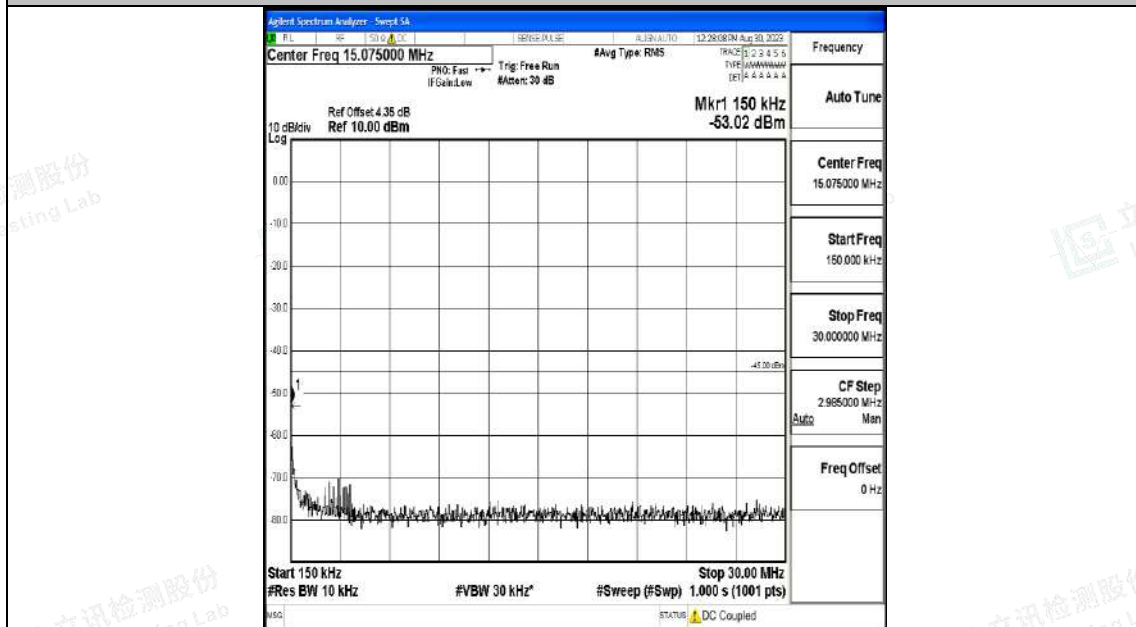
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity

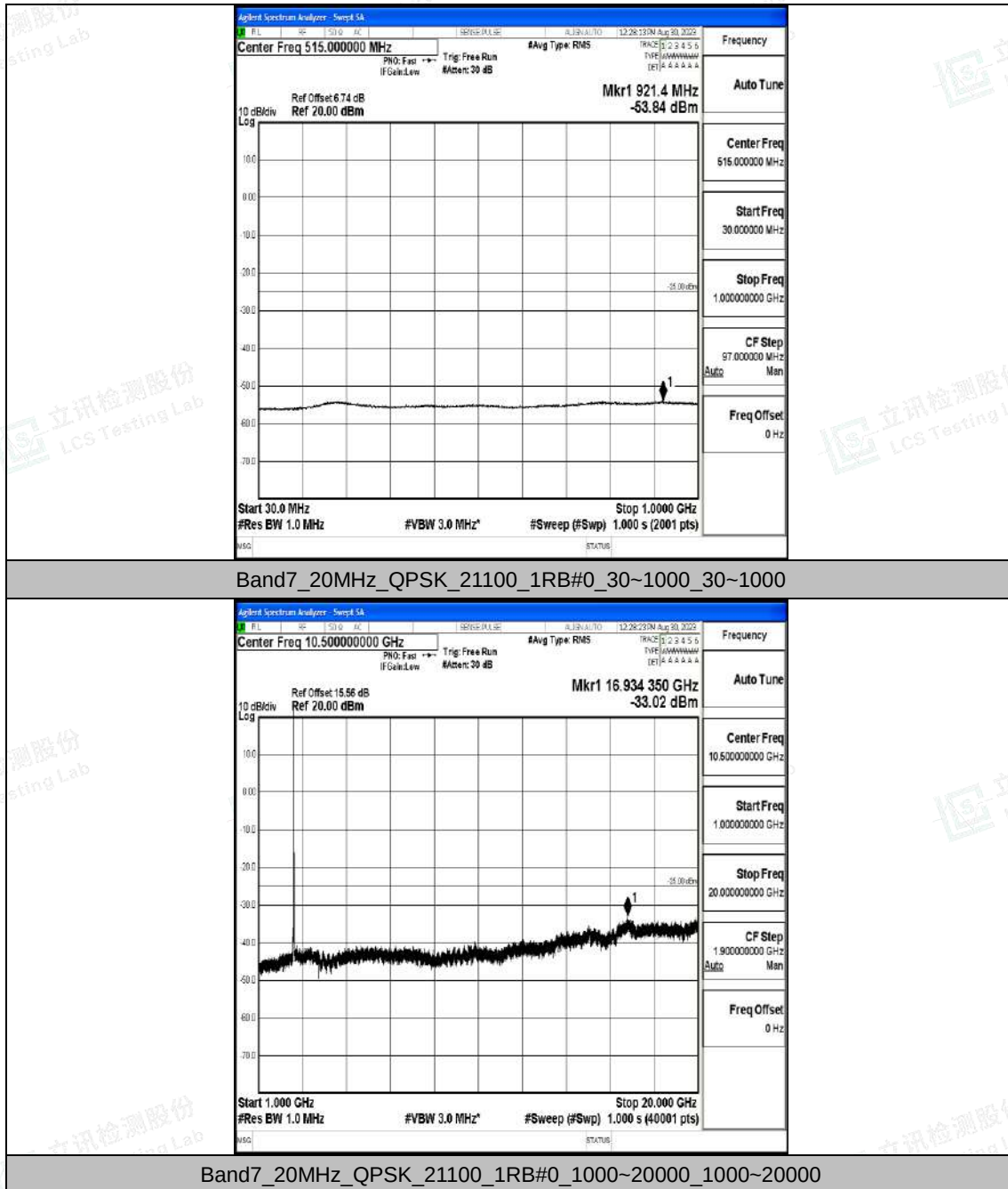


Band7_20MHz_QPSK_21100_1RB#0_0.009~0.15_0.009~0.15



Band7_20MHz_QPSK_21100_1RB#0_0.15~30_0.15~30



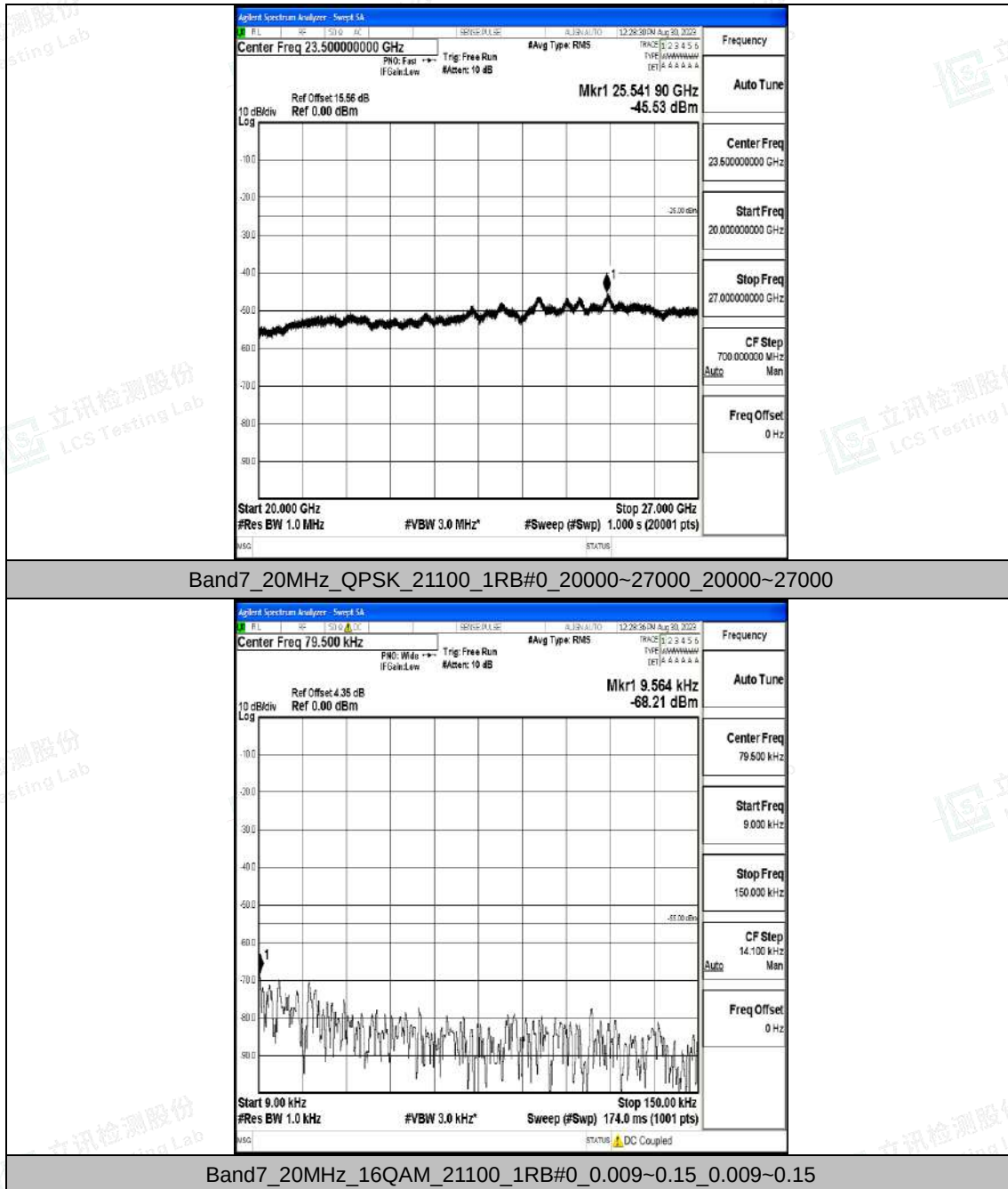


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

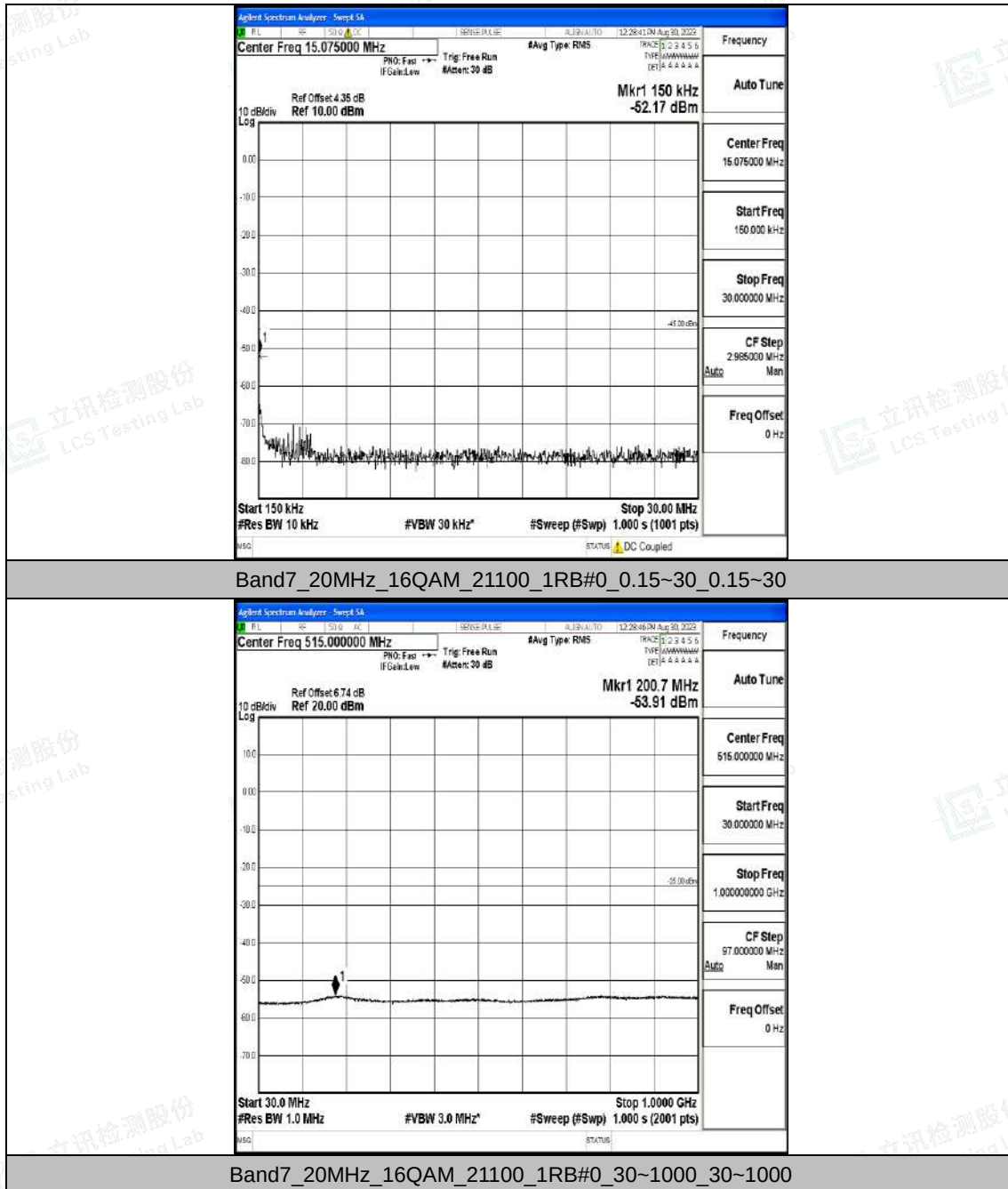


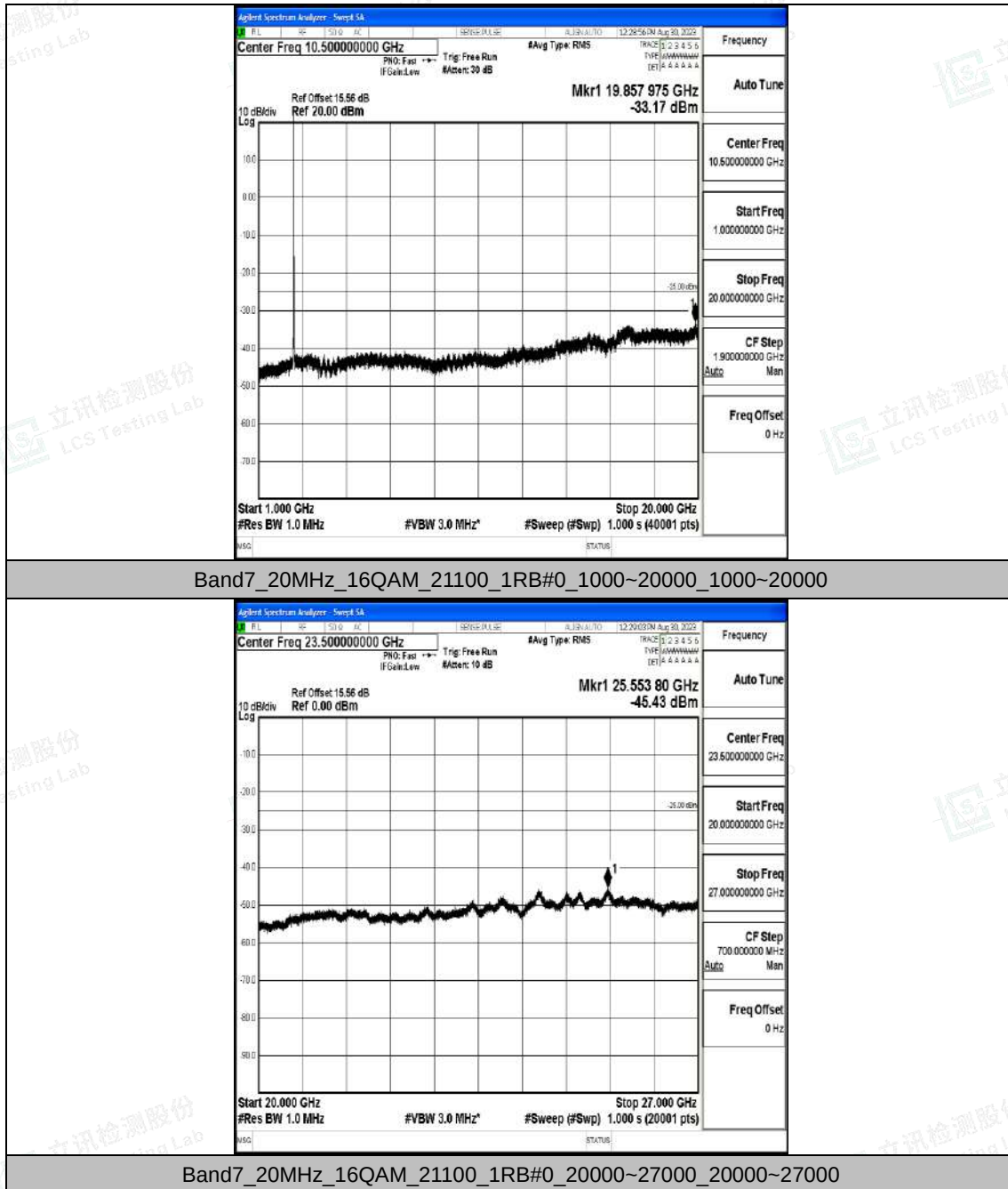
Shenzhen LCS Compliance Testing Laboratory Ltd.

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



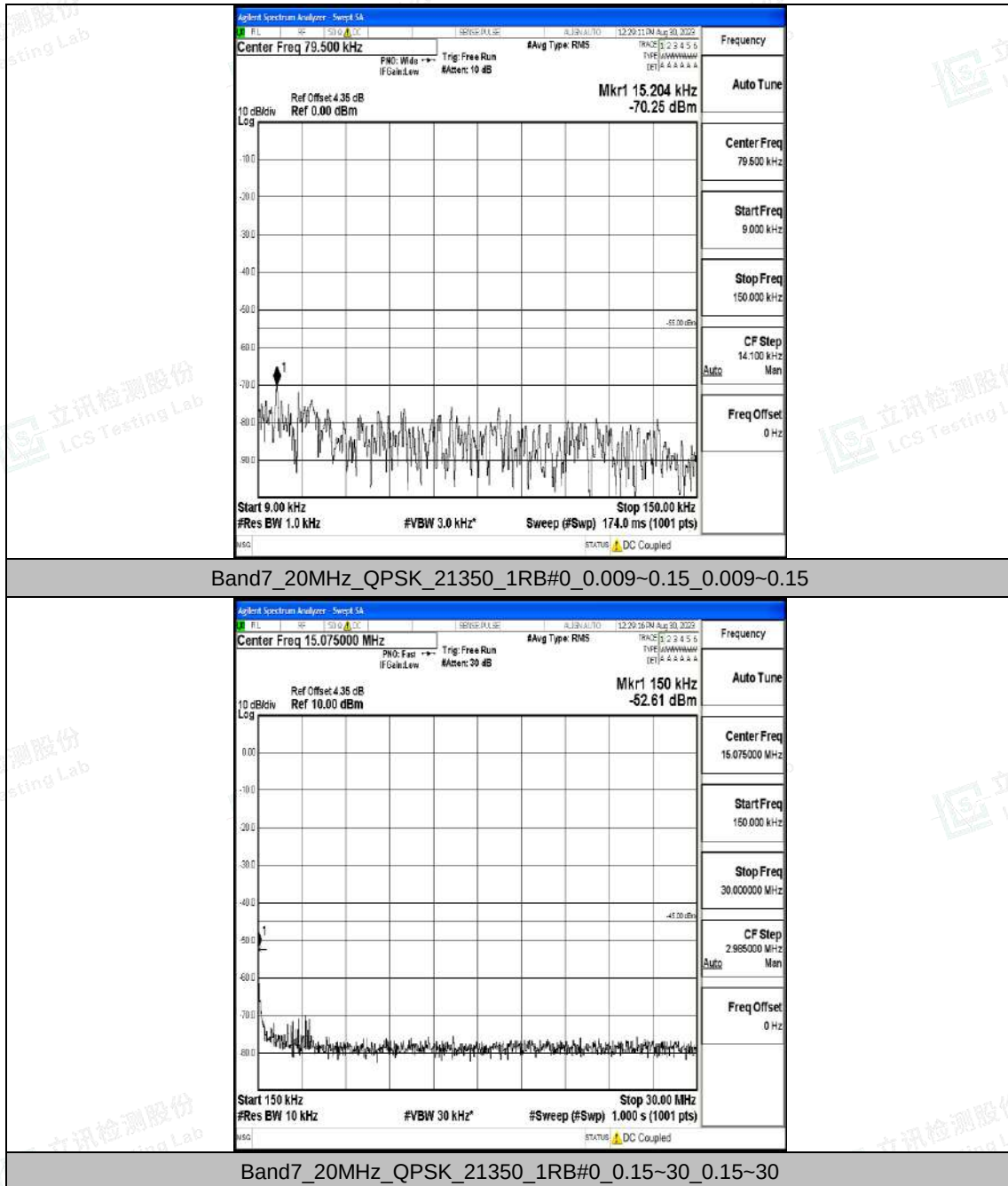


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

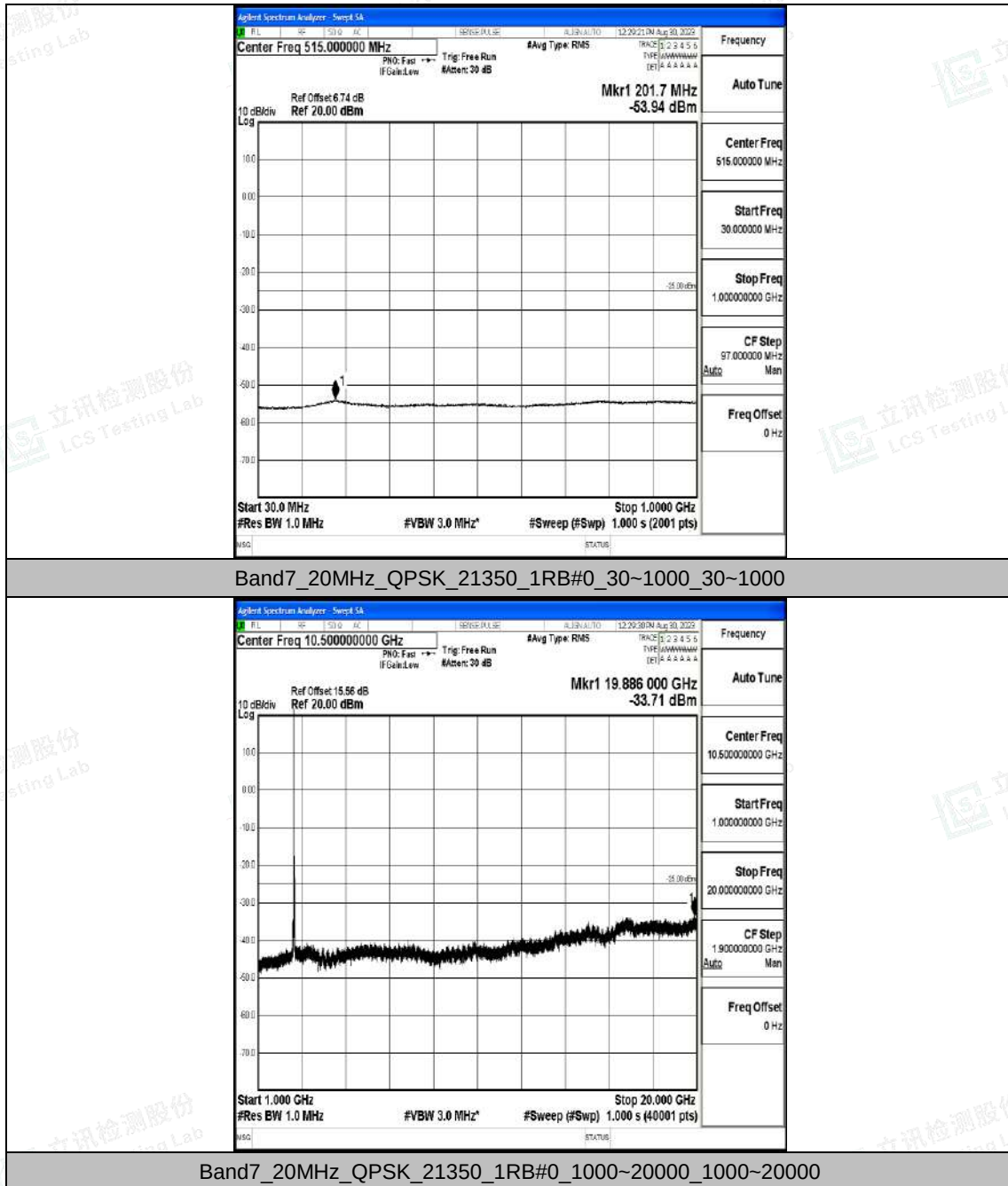


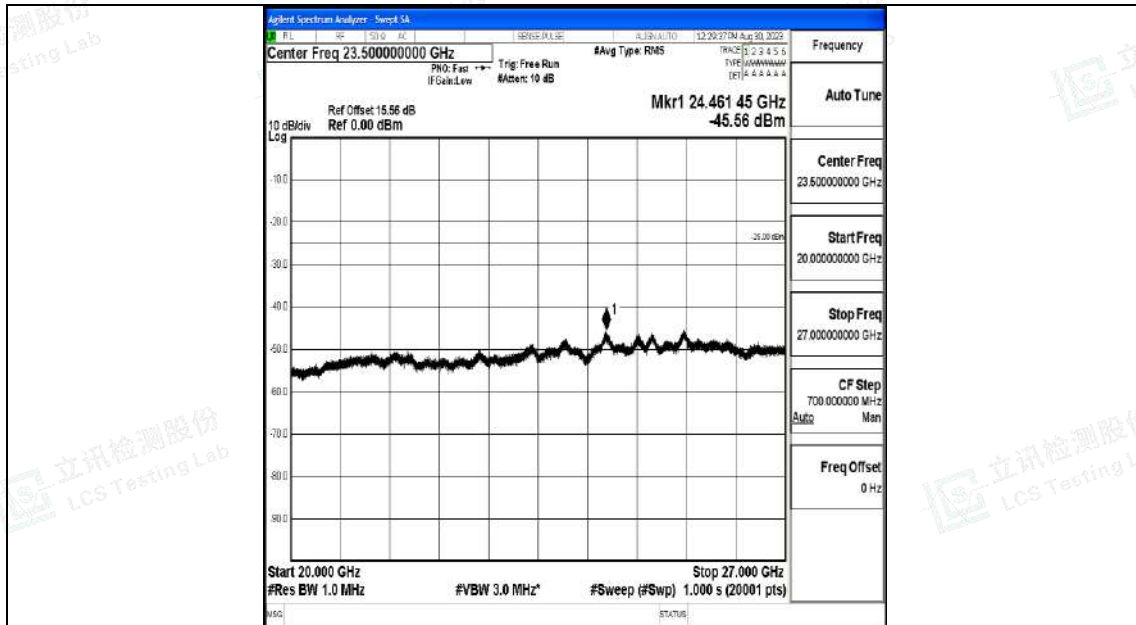
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

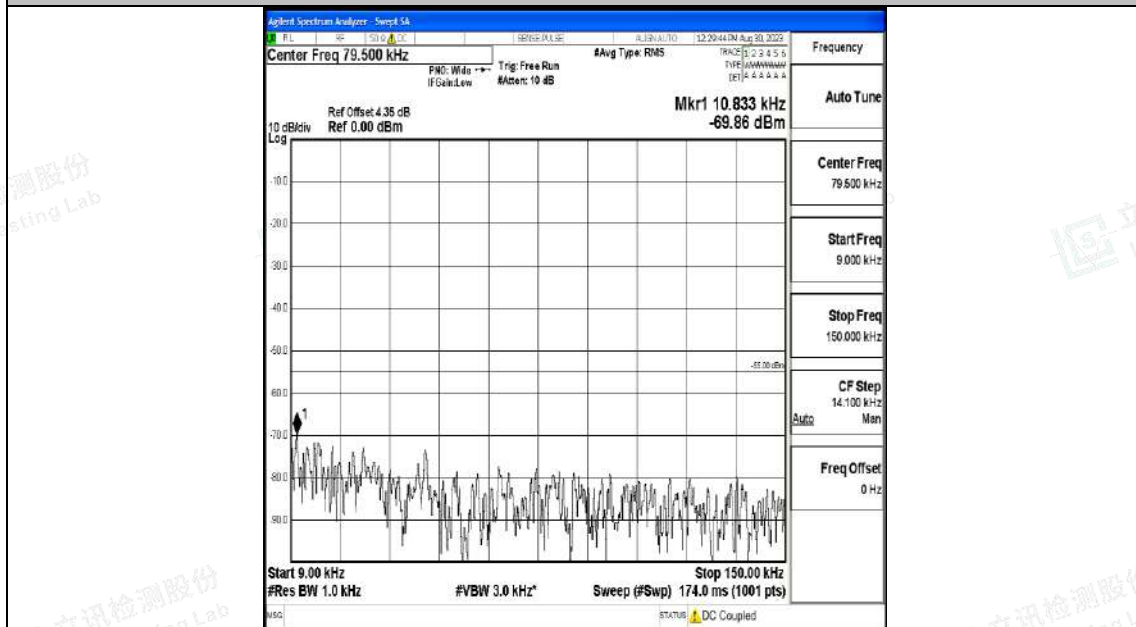
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



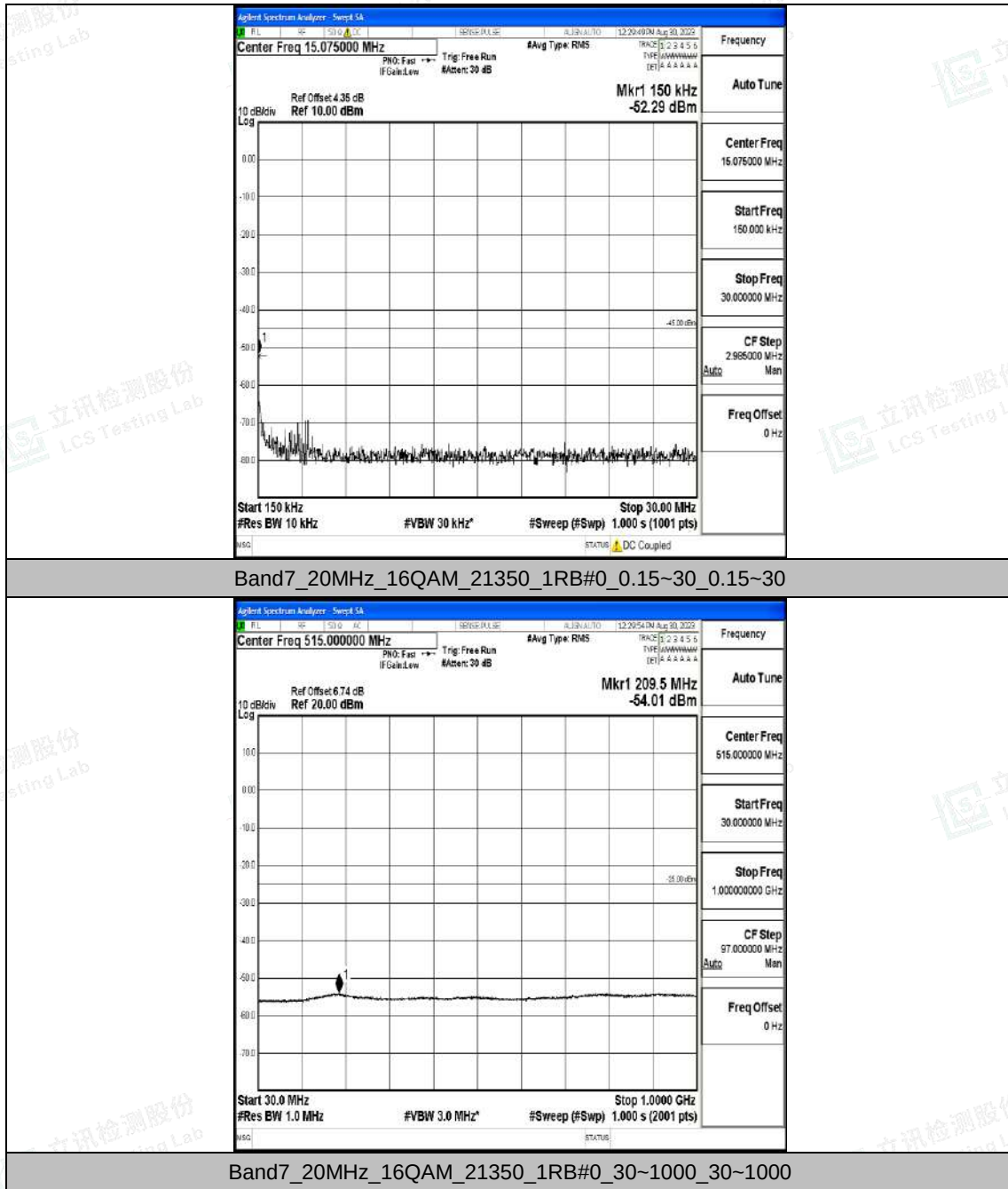


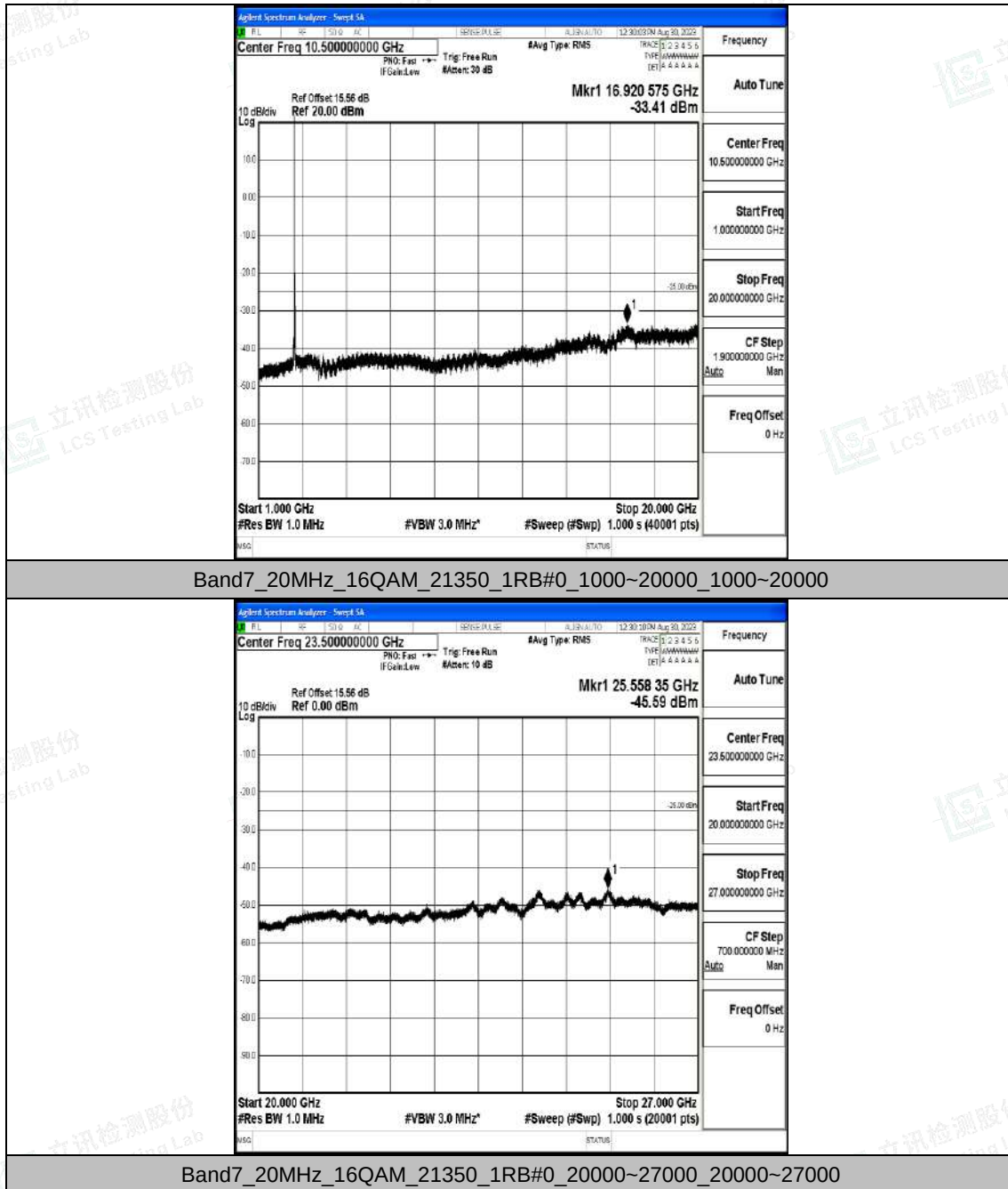
Band7_20MHz_QPSK_21350_1RB#0_20000~27000_20000~27000



Band7_20MHz_16QAM_21350_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