



Appendix L: Test Data for E-UTRA Band 12

Product Name: TD-LTE digital mobile phone

Test Model: M17 Pro

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Jay Luo
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



L.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.84	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.38	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.70	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.96	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.93	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.92	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.88	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	23.03	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.88	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	23.17	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.80	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	23.08	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	23.00	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	22.13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.45	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.50	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.94	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.87	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.73	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.85	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.73	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.80	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.75	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.79	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.89	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	22.10	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.63	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	23.07	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.64	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	23.11	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.60	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	23.16	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.76	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



Band12	1.4MHz	16QAM	23173	3RB#0	22.70	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.76	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.75	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.59	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.71	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	22.02	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.55	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.54	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.63	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.51	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.49	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.42	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.78	PASS
Band12	3MHz	16QAM	23025	8RB#0	22.08	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.79	PASS
Band12	3MHz	16QAM	23025	8RB#4	22.08	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.70	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.95	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.74	PASS
Band12	3MHz	16QAM	23025	15RB#0	22.00	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.47	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.26	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.56	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.37	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.55	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.33	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.61	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.87	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.55	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.84	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.60	PASS
Band12	3MHz	16QAM	23095	8RB#7	22.01	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.58	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.69	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.52	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.03	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.52	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.97	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.51	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



Band12	3MHz	16QAM	23165	1RB#14	22.85	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.50	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.91	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.54	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.89	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.49	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.83	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.27	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.93	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.71	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.26	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.68	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.21	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.68	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.07	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.71	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.93	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.72	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.89	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.63	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.88	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.78	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.88	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.45	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.97	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.39	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.91	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.31	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.86	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.58	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.72	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.59	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.72	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.60	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.68	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.64	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.80	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.30	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.23	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.32	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



Band12	5MHz	16QAM	23155	1RB#12	22.31	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.33	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.21	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.59	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.51	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.59	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.63	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.58	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.69	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.55	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.55	PASS
Band12	10MHz	16QAM	23060	1RB#0	23.00	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.44	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.79	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.31	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.74	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.76	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.74	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.76	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.74	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.65	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.69	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.72	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.75	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.64	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.70	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.62	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.48	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.99	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.71	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.84	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.72	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.91	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.51	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.88	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.60	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.80	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.38	PASS
Band12	10MHz	16QAM	23130	1RB#0	23.29	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



Band12	10MHz	QPSK	23130	1RB#24	23.35	PASS
Band12	10MHz	16QAM	23130	1RB#24	23.29	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.32	PASS
Band12	10MHz	16QAM	23130	1RB#49	23.28	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.63	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.74	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.49	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.74	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.43	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.73	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.57	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.77	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.44	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



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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	4.92	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.43	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.58	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.34	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.78	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.31	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.49	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.23	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	4.33	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	4.93	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.04	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.75	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	5.04	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	5.89	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.64	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.39	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.92	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.82	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.55	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.30	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	4.70	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.55	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.22	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.97	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	5.13	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.88	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.69	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.35	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.99	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.78	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.62	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.27	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	5.01	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	5.80	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.45	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

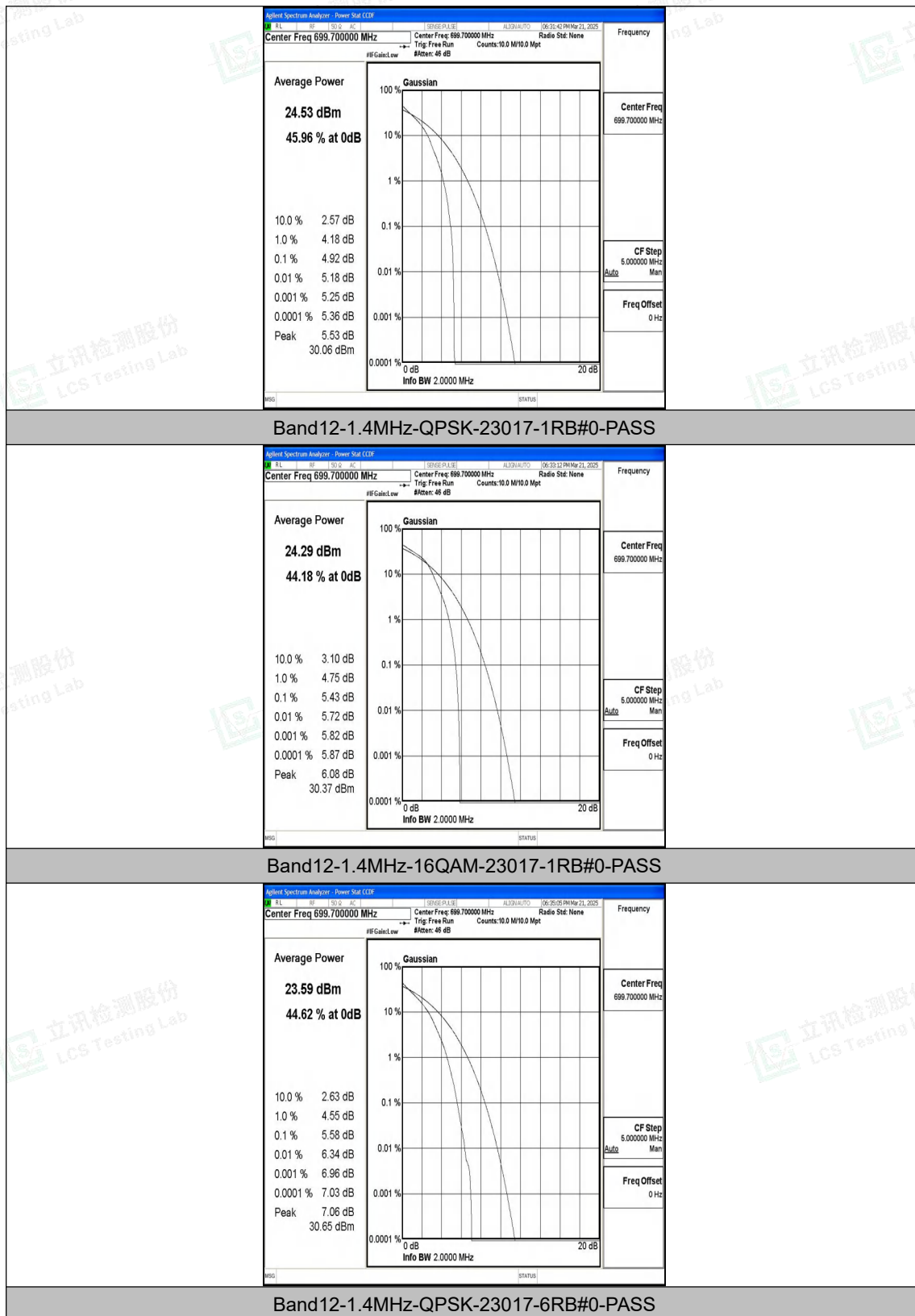


Band12	5MHz	16QAM	23155	25RB#0	6.14	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	5.06	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	5.78	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.60	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.34	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	5.07	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.80	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.64	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.35	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.91	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.62	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.59	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.28	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

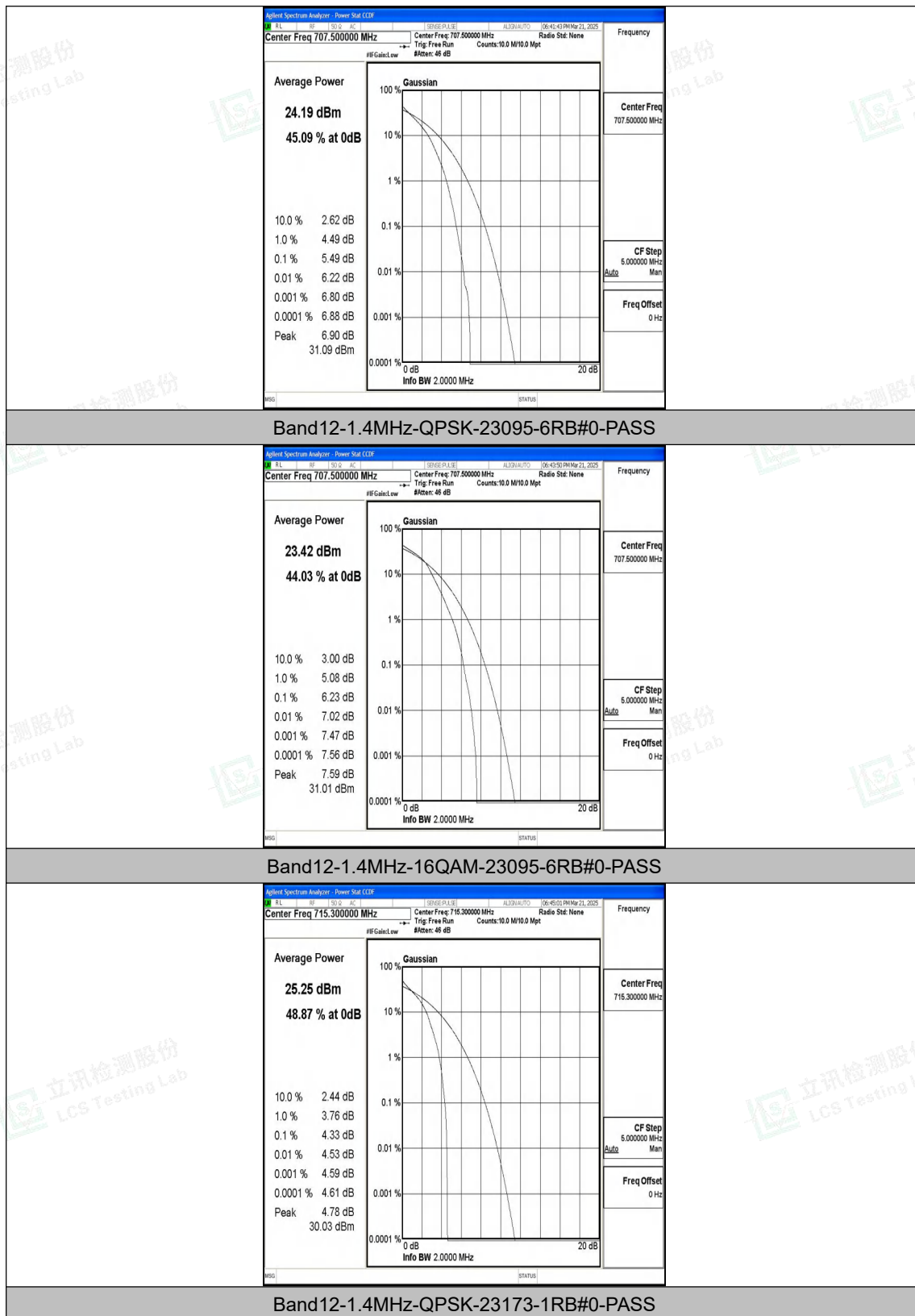


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

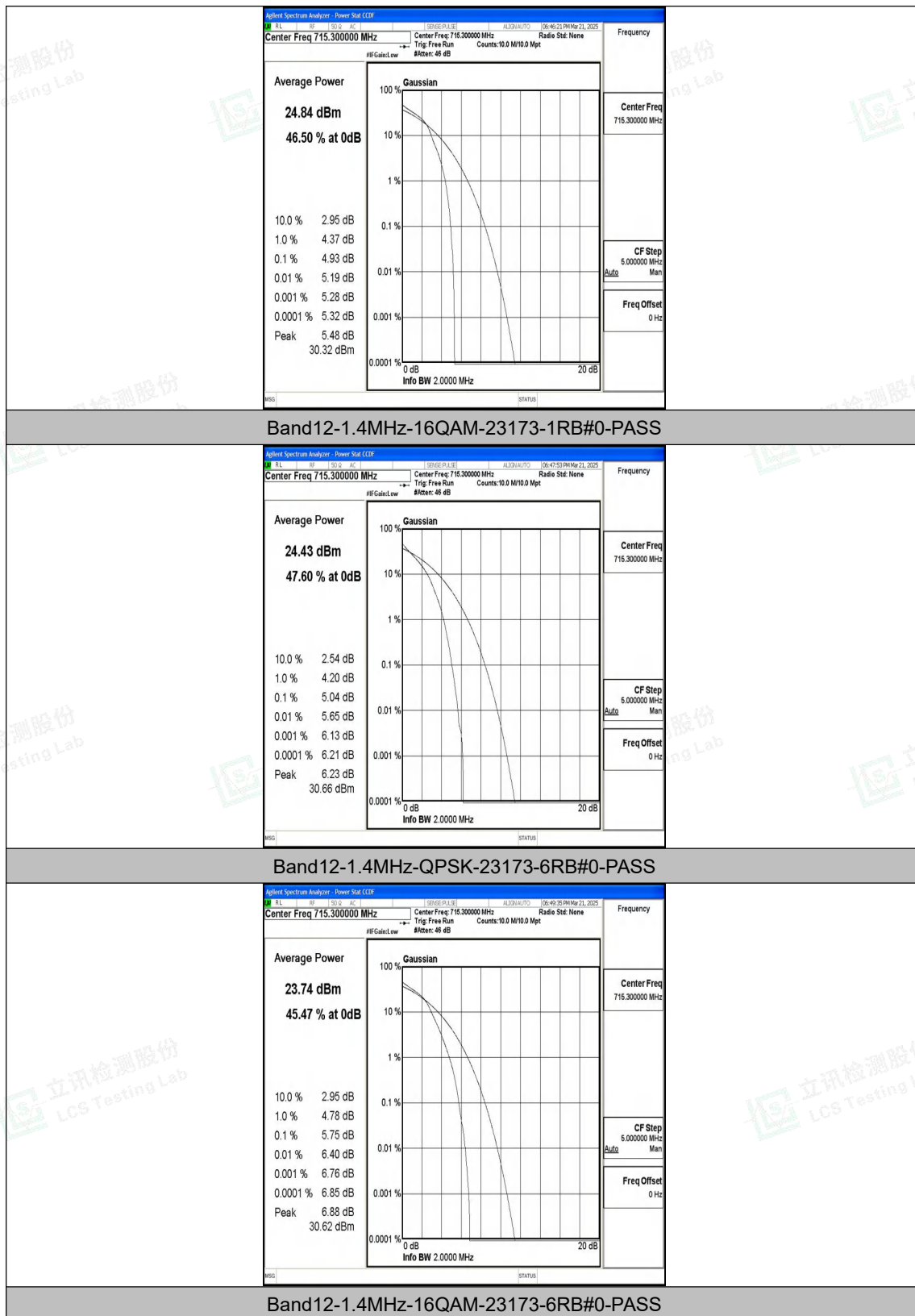


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

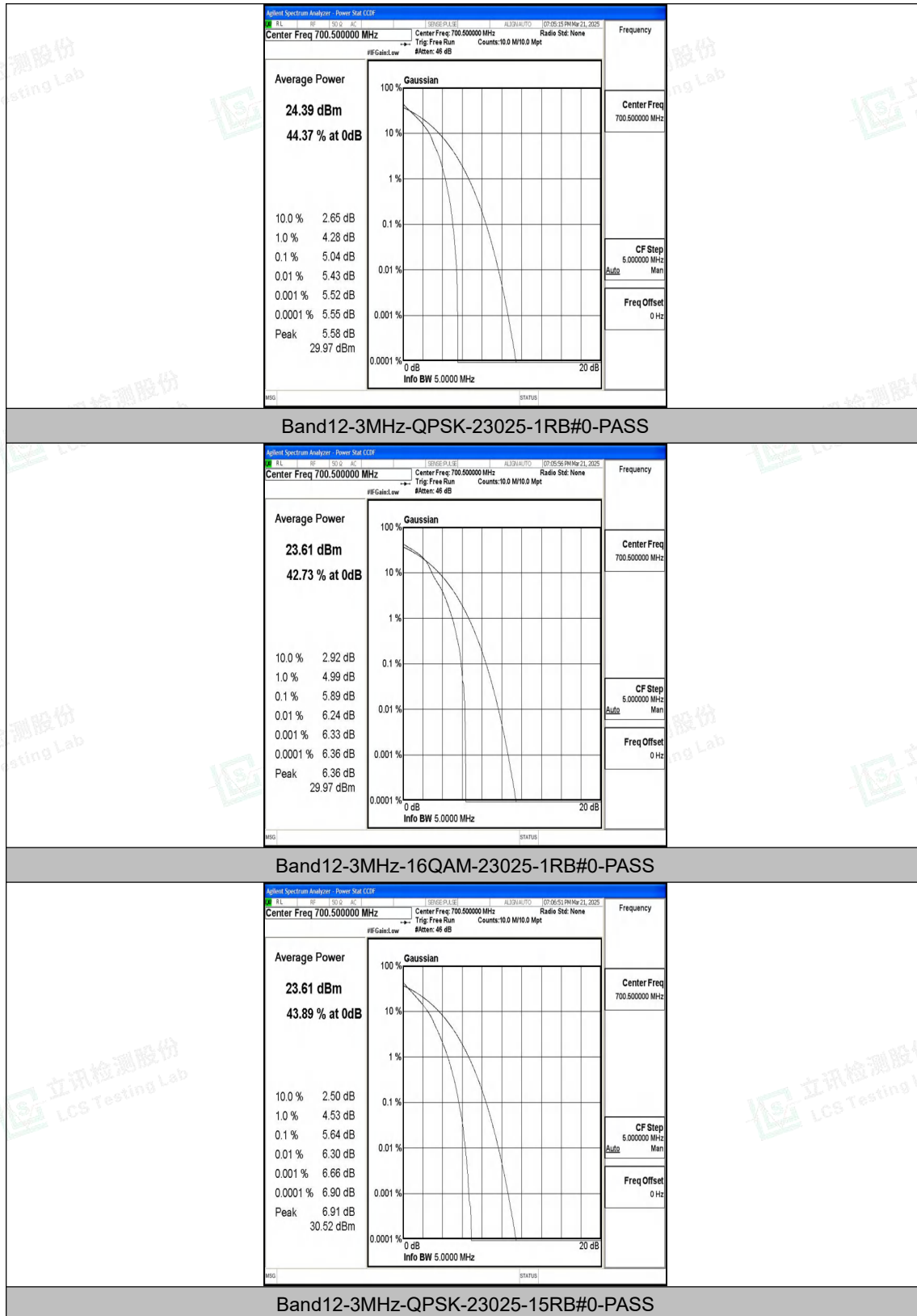


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

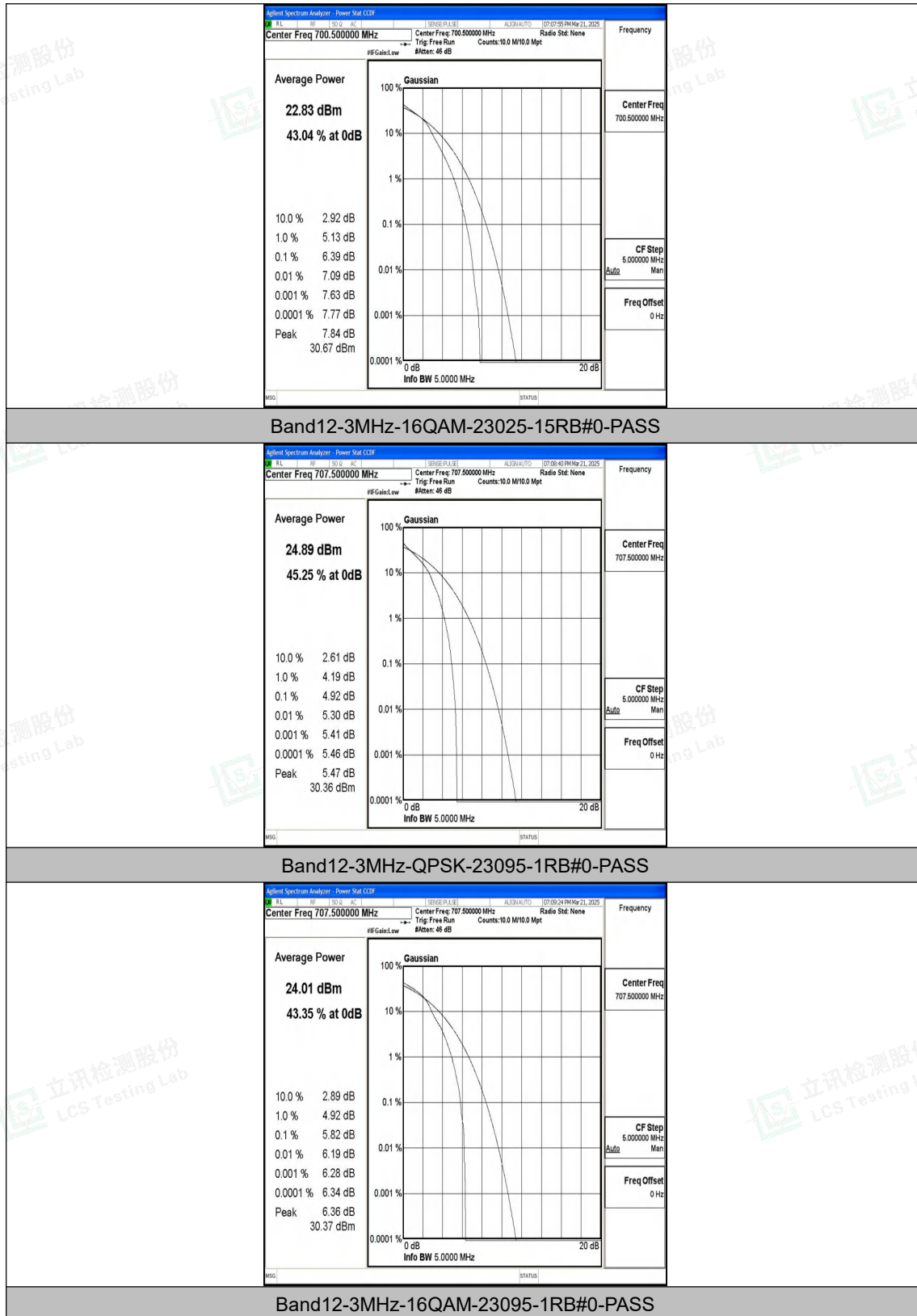


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

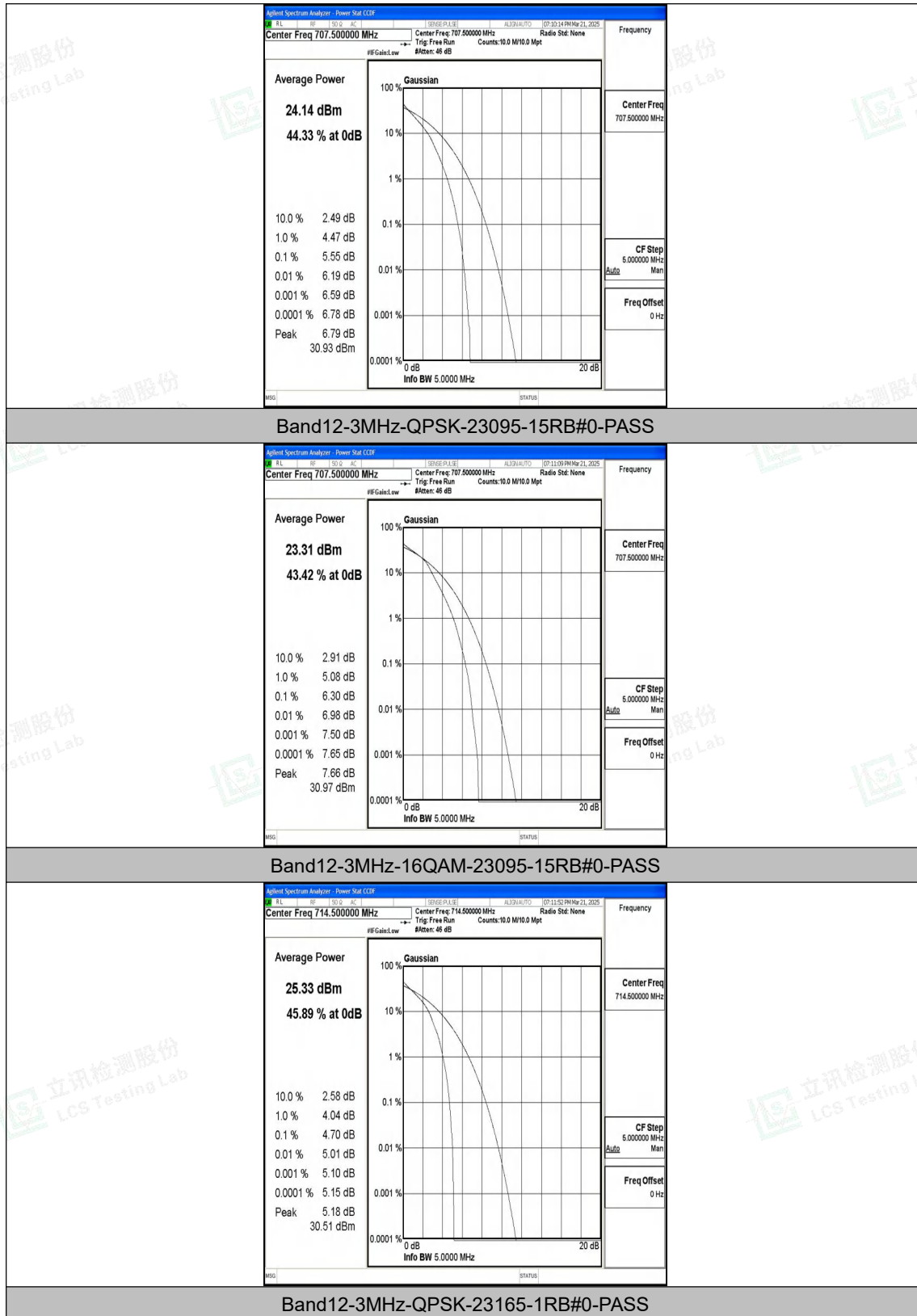


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

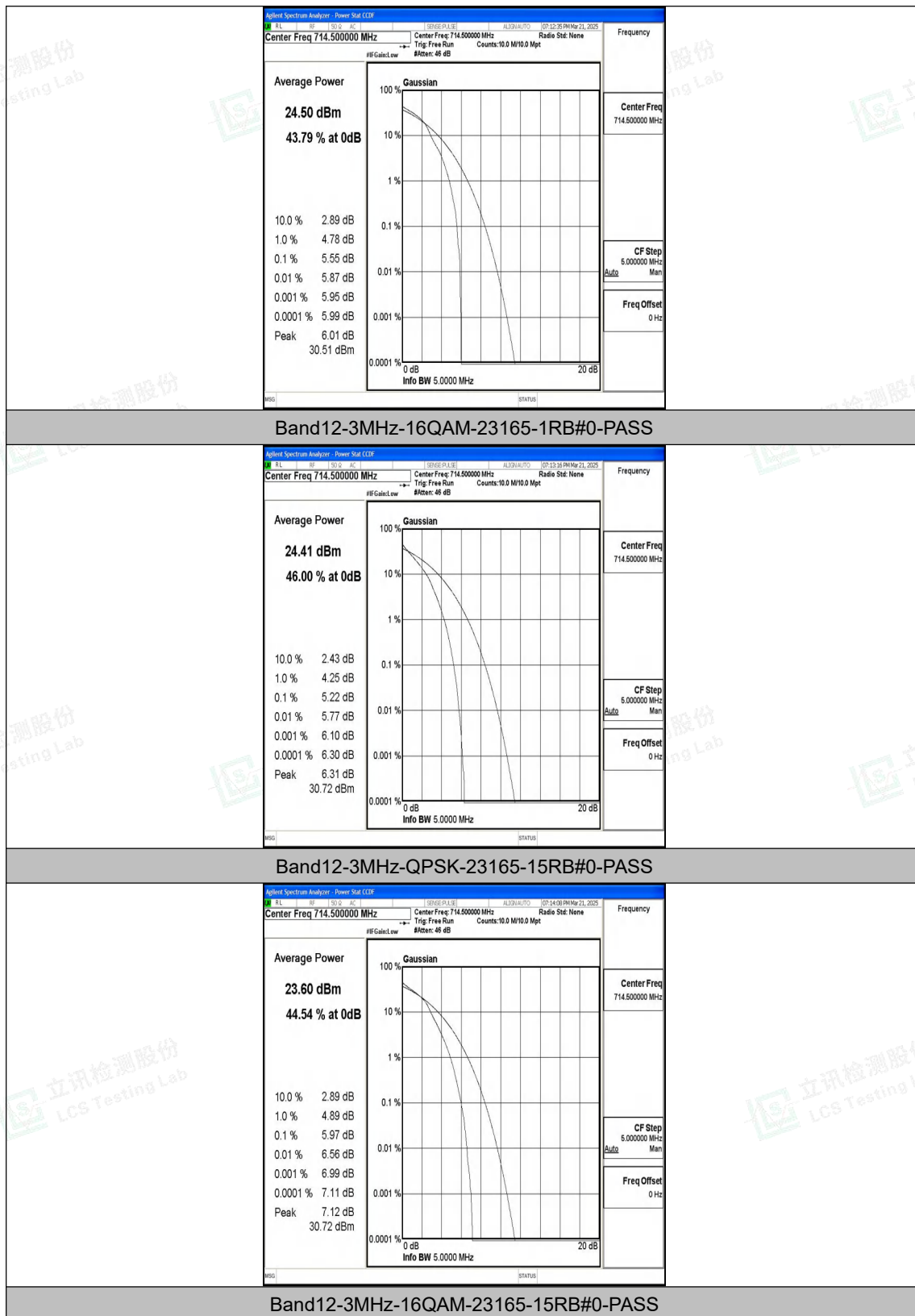


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

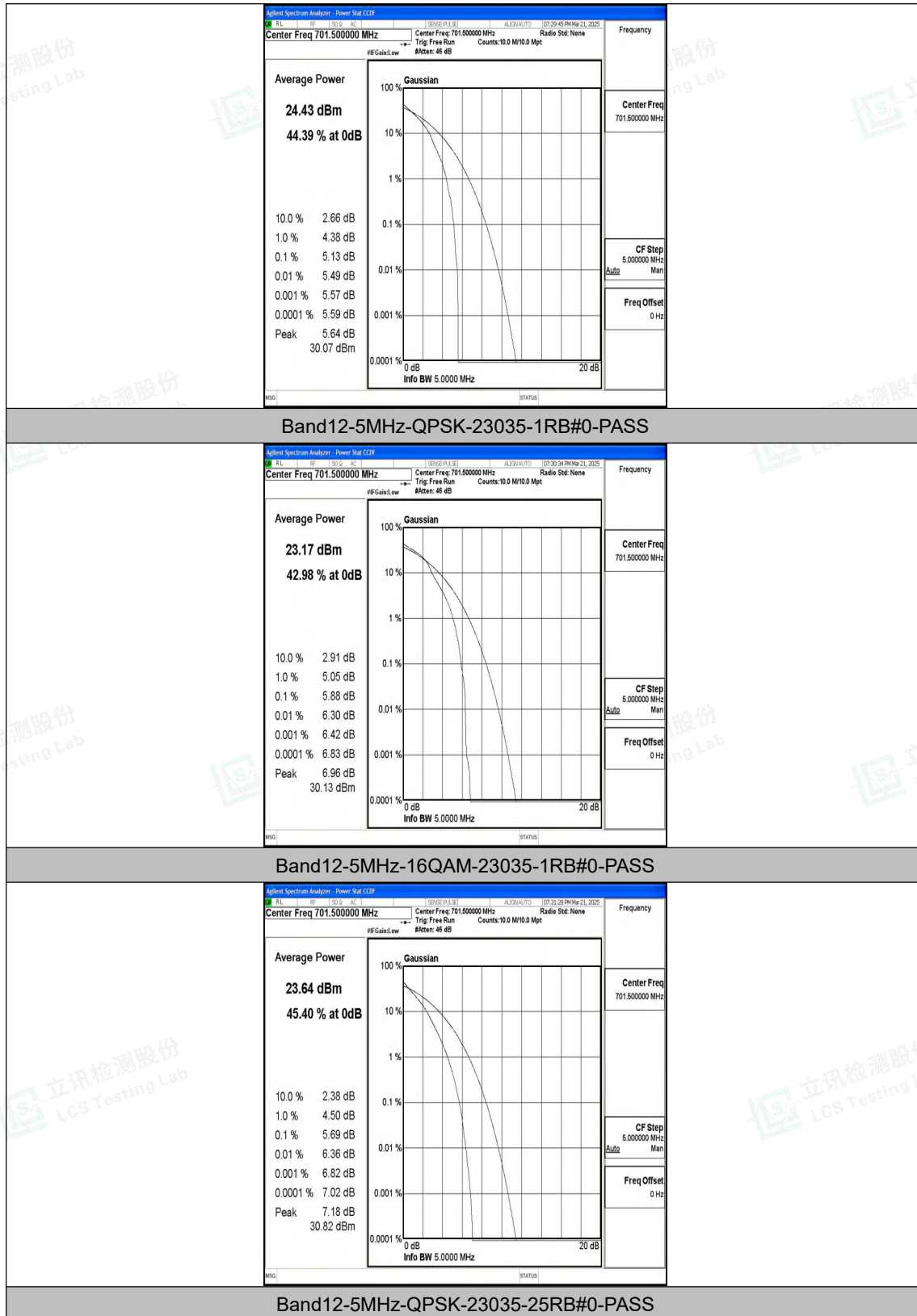


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

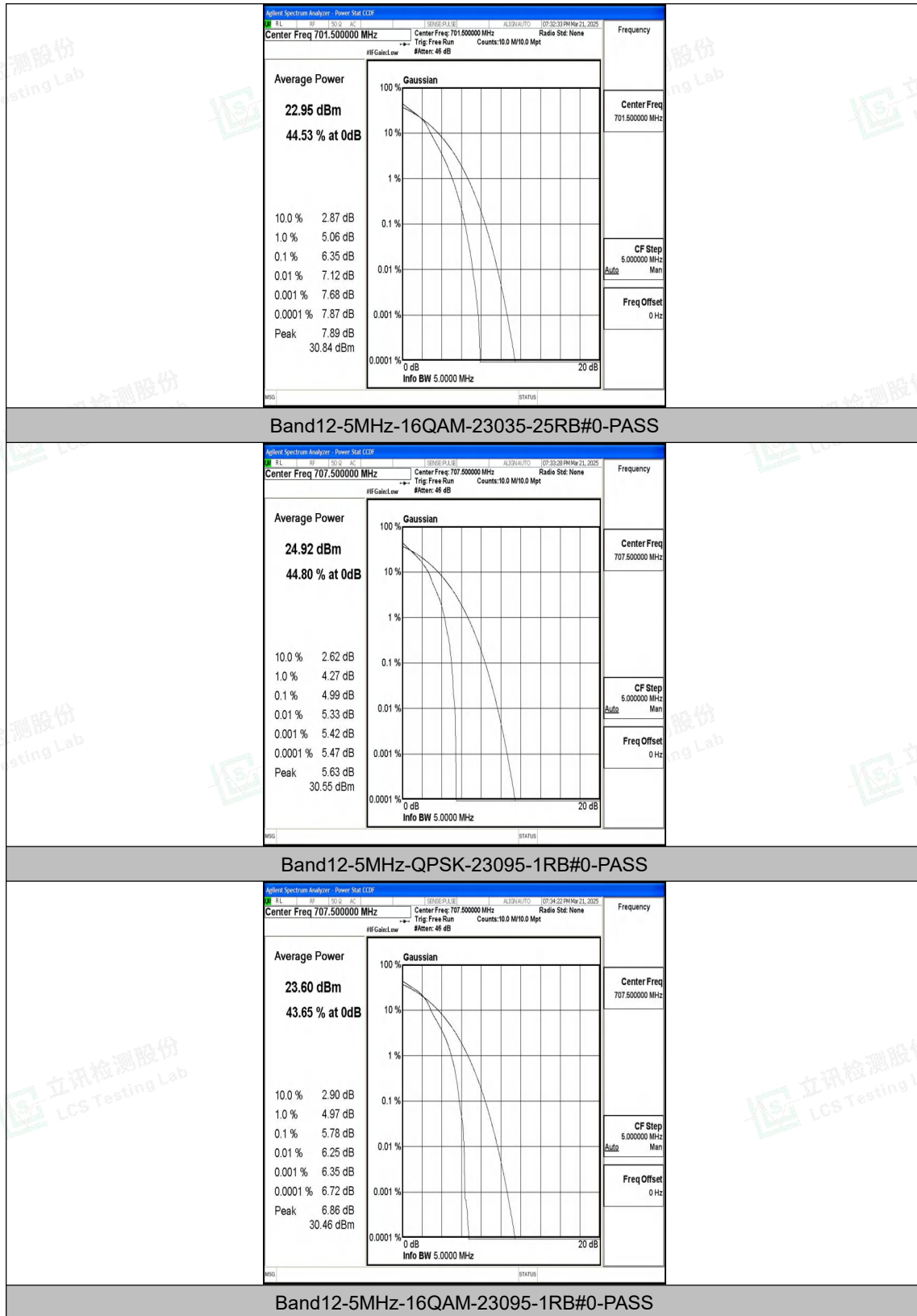


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

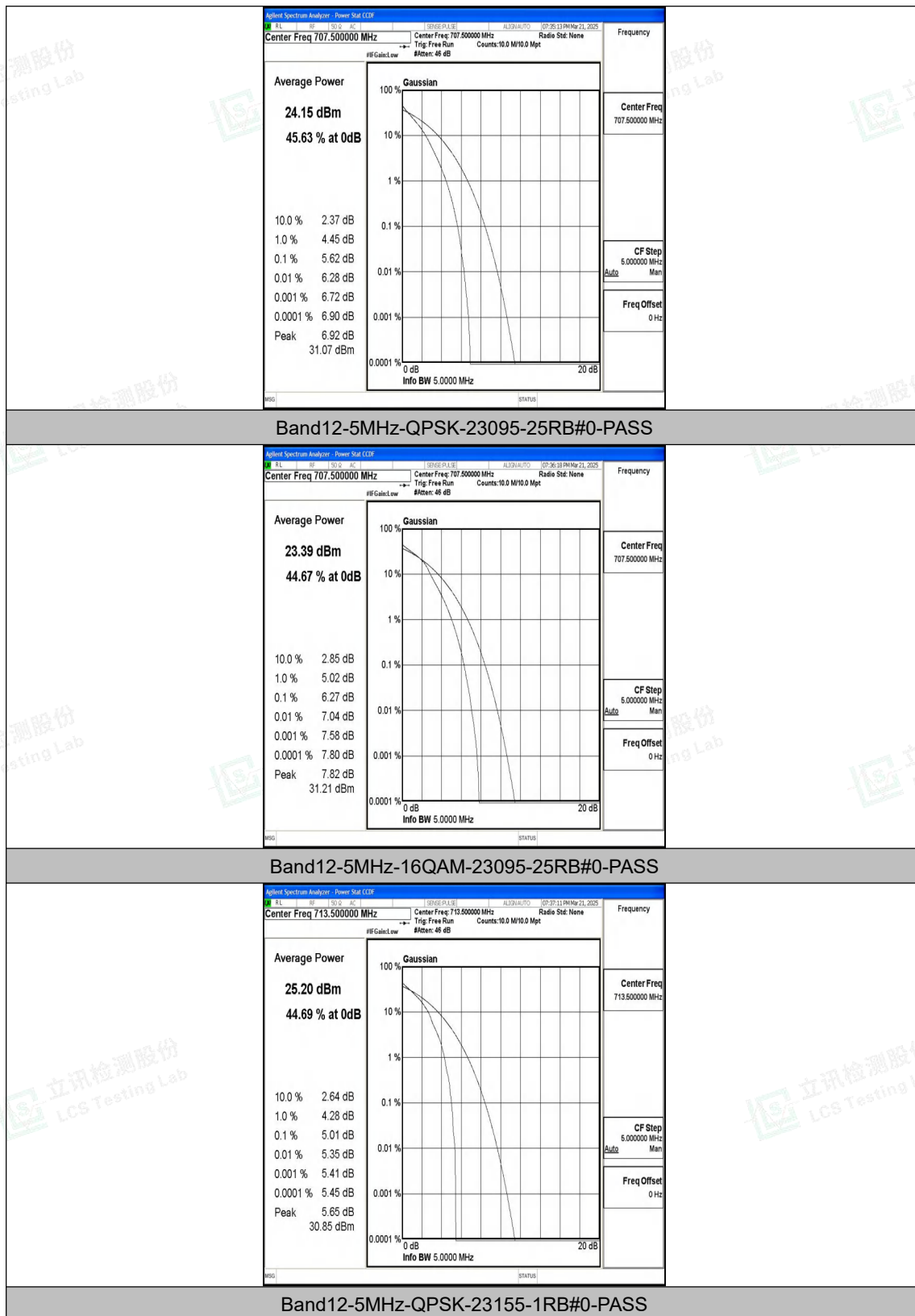


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

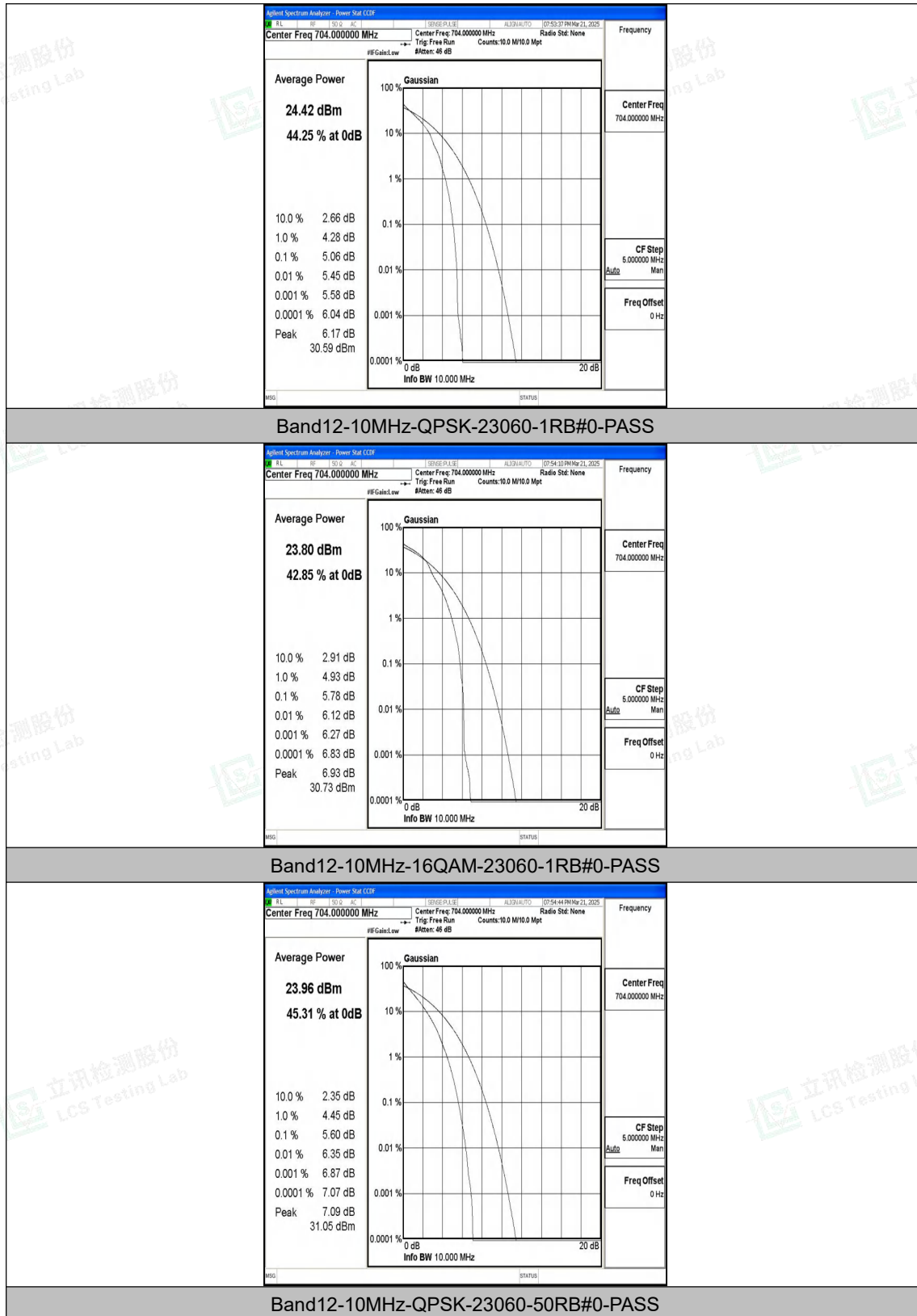


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

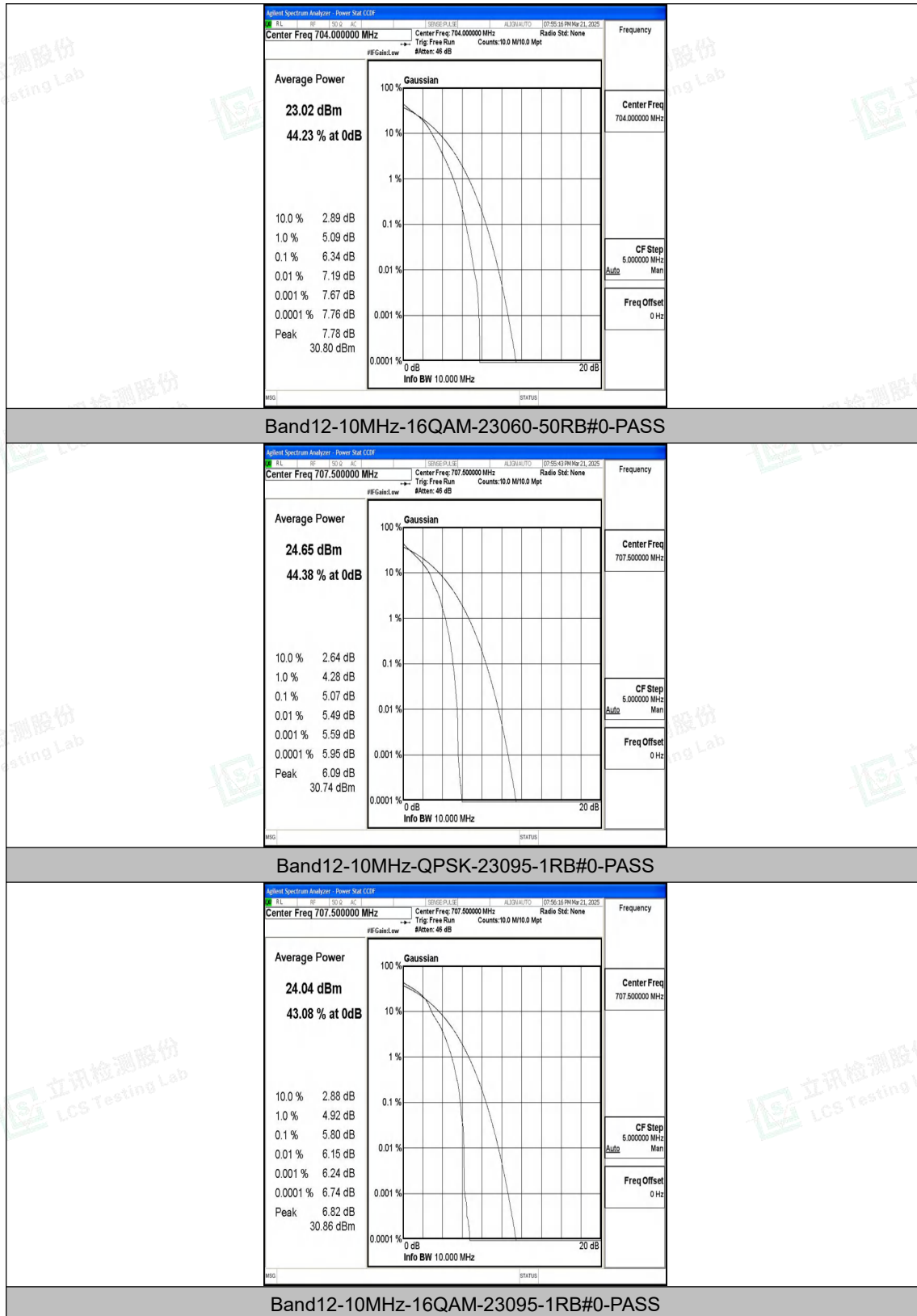


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

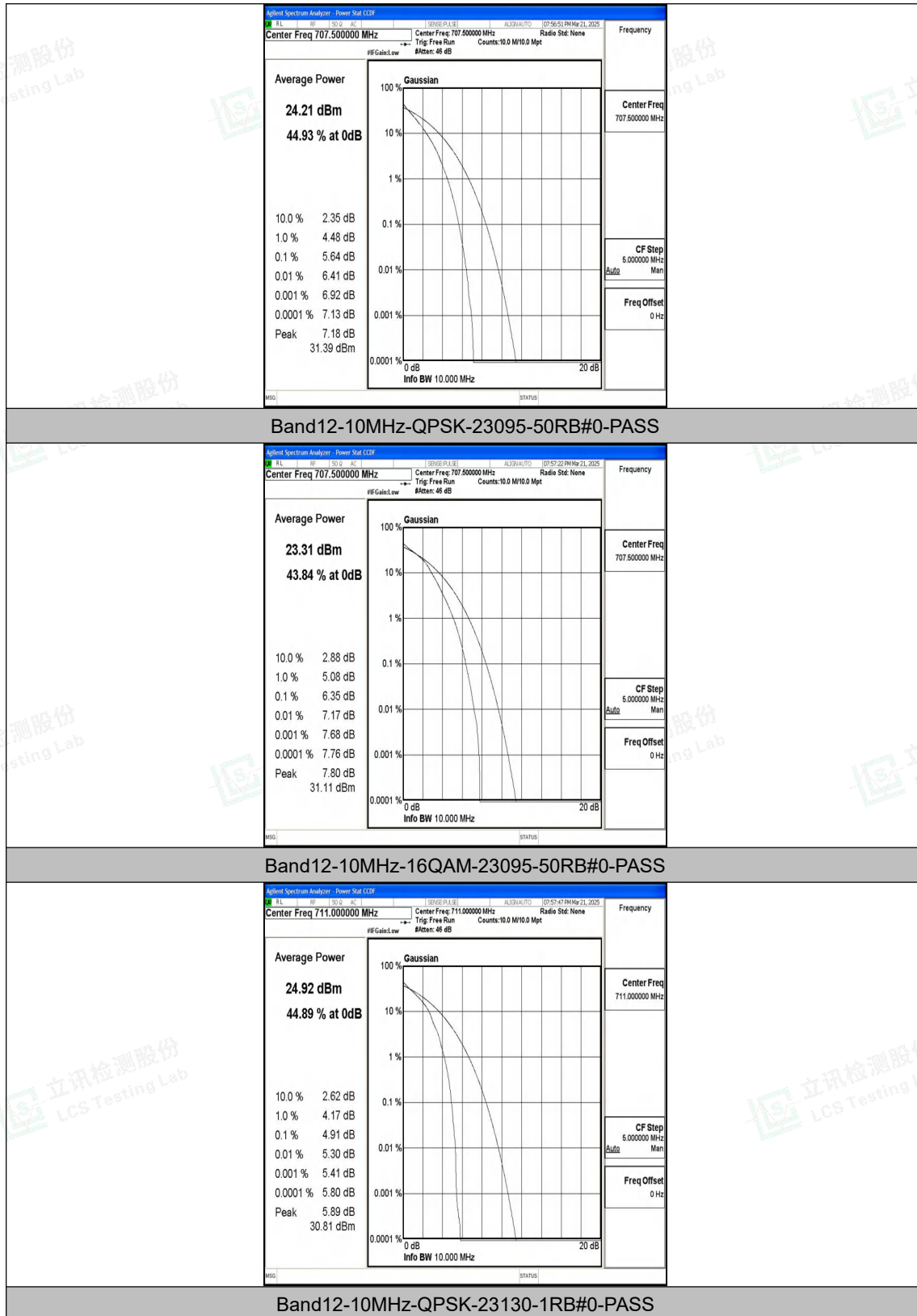


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

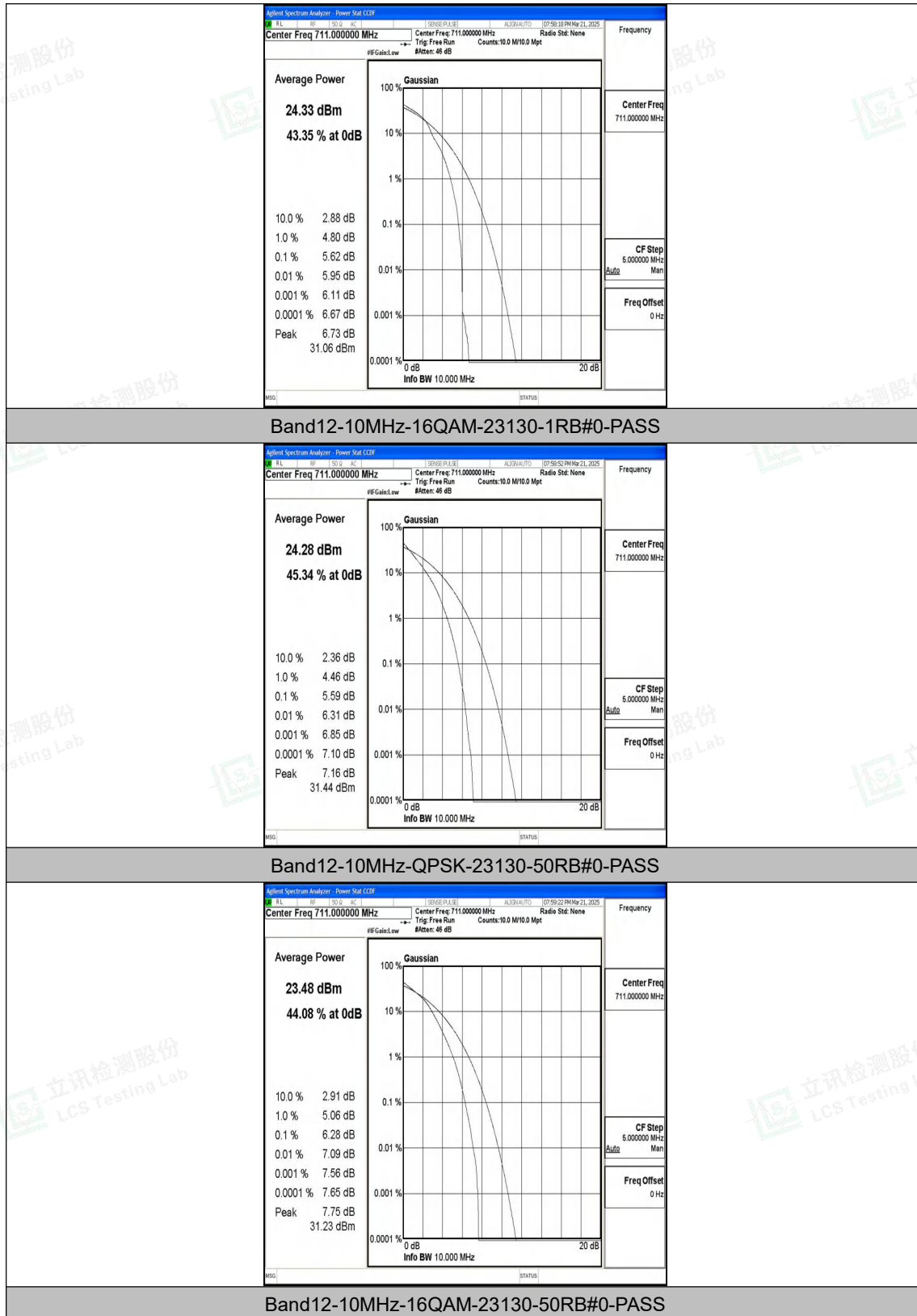


Shenzhen LCS Compliance Testing Laboratory Ltd.

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



L.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0966	1.308	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.1019	1.269	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0942	1.290	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1083	1.288	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0963	1.291	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.1062	1.327	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7716	3.438	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.7571	3.305	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7771	3.485	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.7681	3.266	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7745	3.391	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7495	3.256	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5227	5.253	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5317	5.377	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5341	5.284	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5251	5.264	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5127	5.253	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5173	5.273	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.0058	10.16	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9876	10.07	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9867	10.12	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9943	10.19	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9878	10.08	PASS
Band12	10MHz	16QAM	23130	50RB#0	9.0000	9.953	PASS





Test Graphs

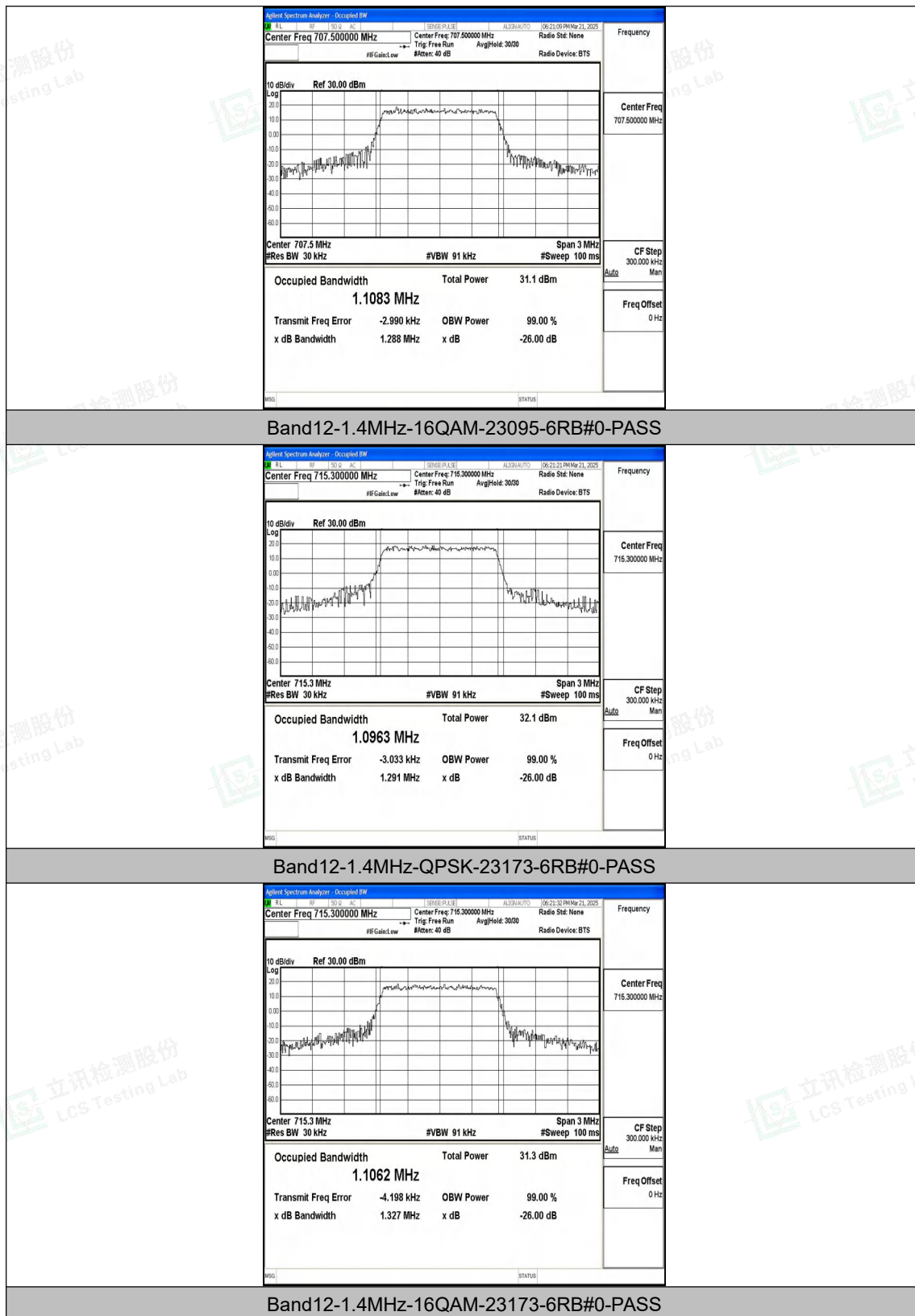


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

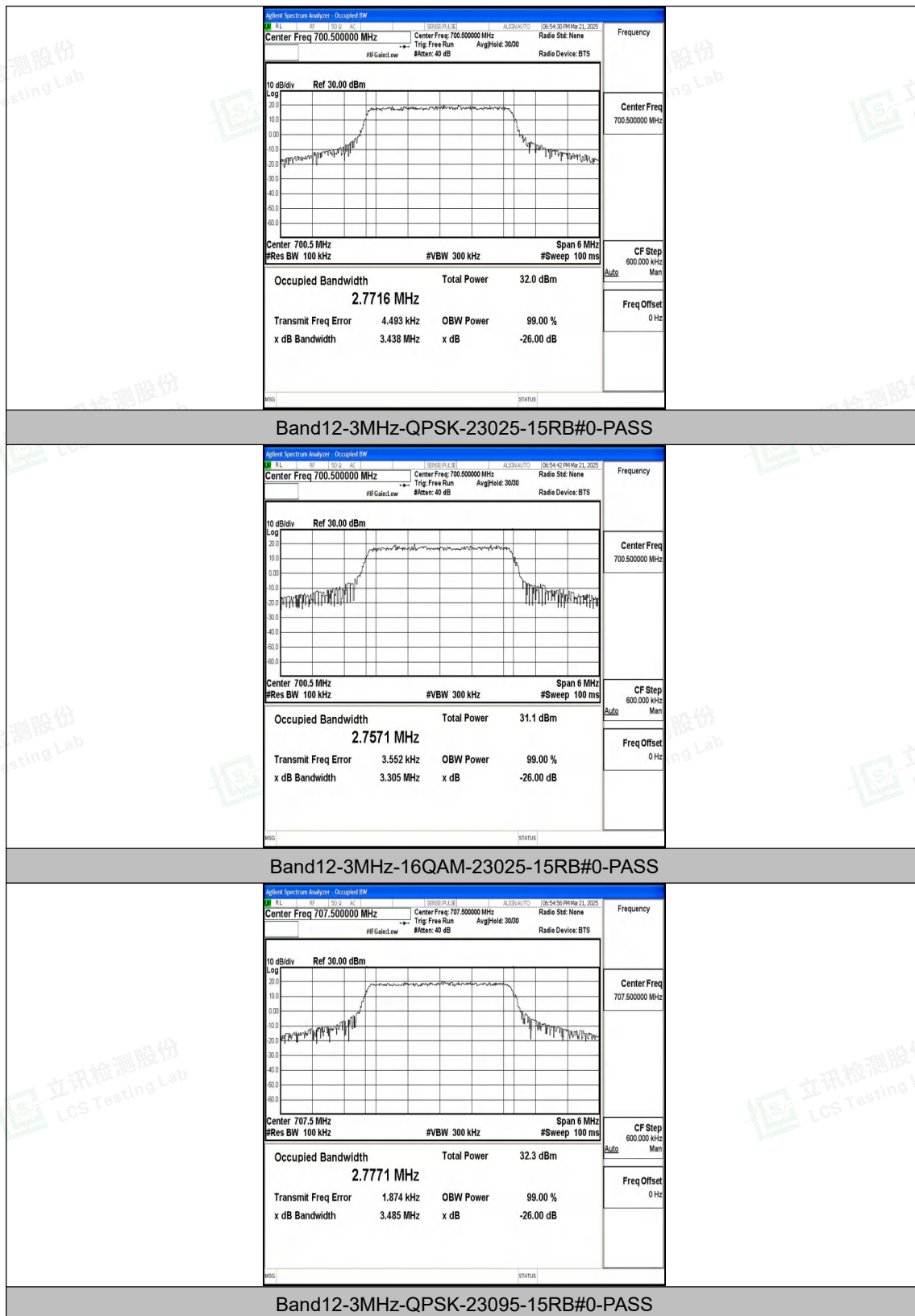


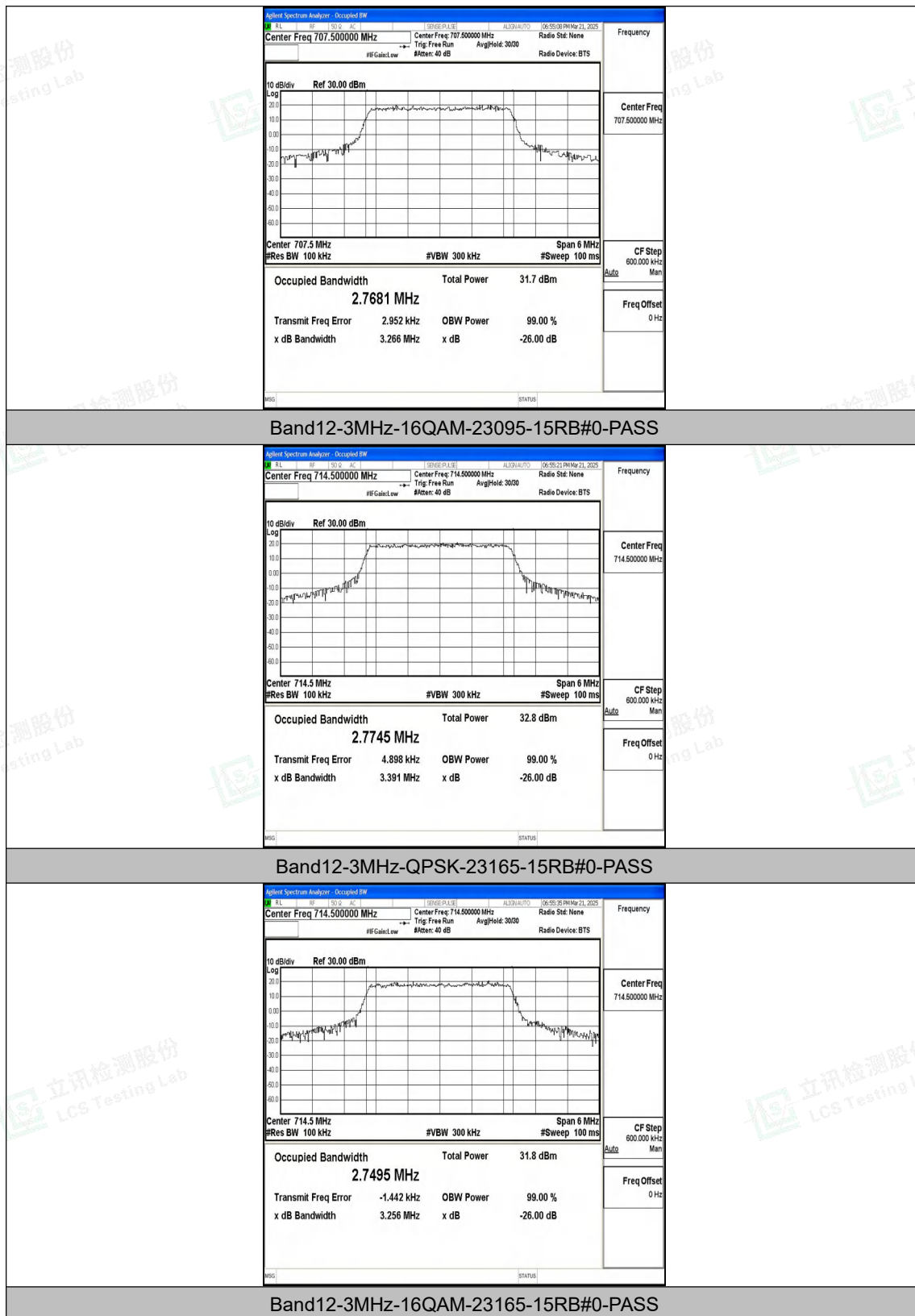
Shenzhen LCS Compliance Testing Laboratory Ltd.

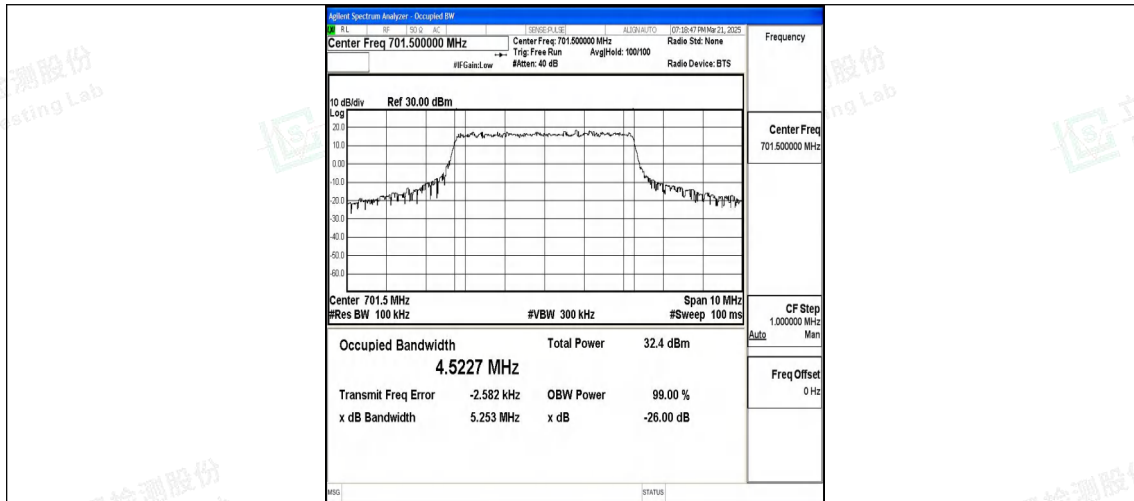
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

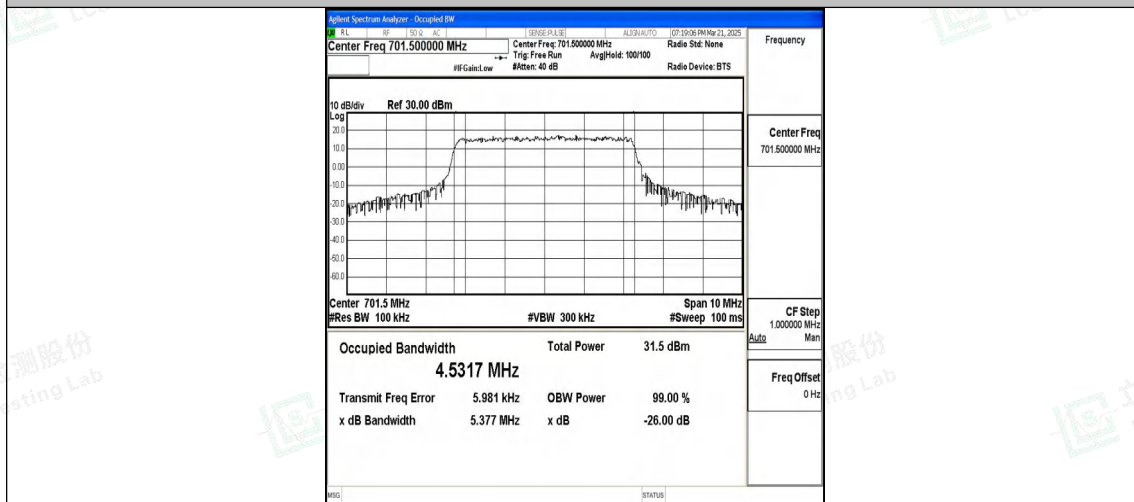
Scan code to check authenticity



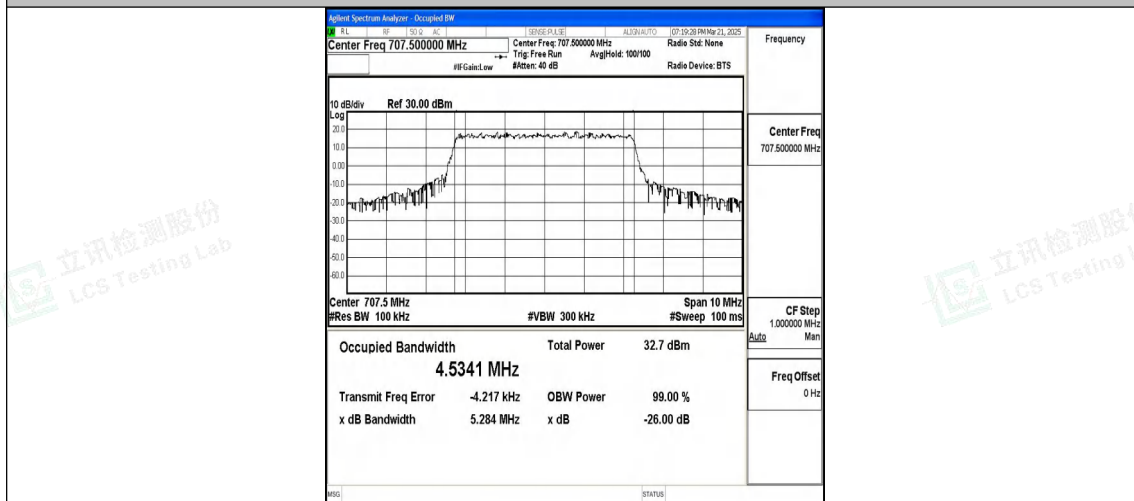




Band12-5MHz-QPSK-23035-25RB#0-PASS



Band12-5MHz-16QAM-23035-25RB#0-PASS



Band12-5MHz-QPSK-23095-25RB#0-PASS

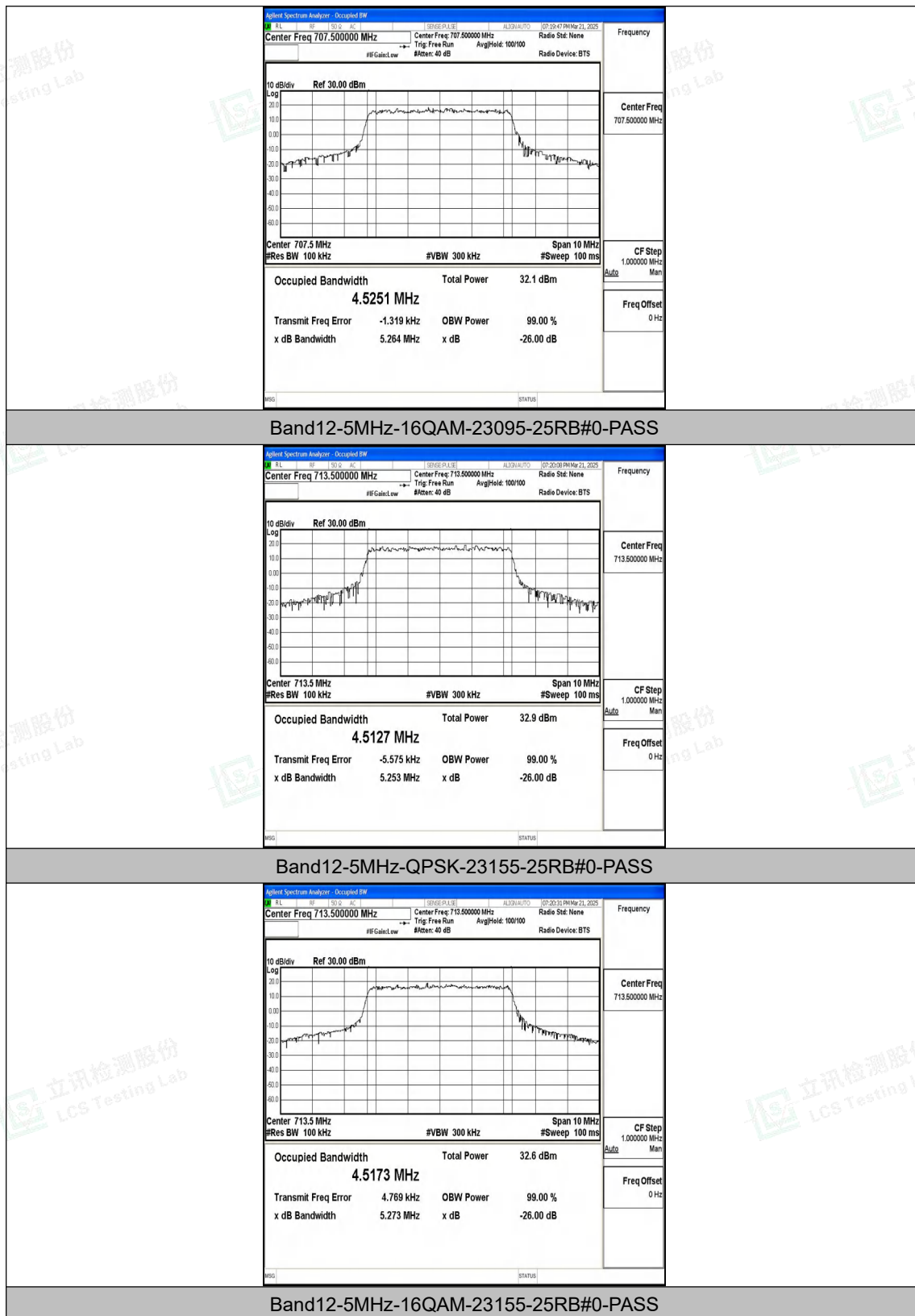


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

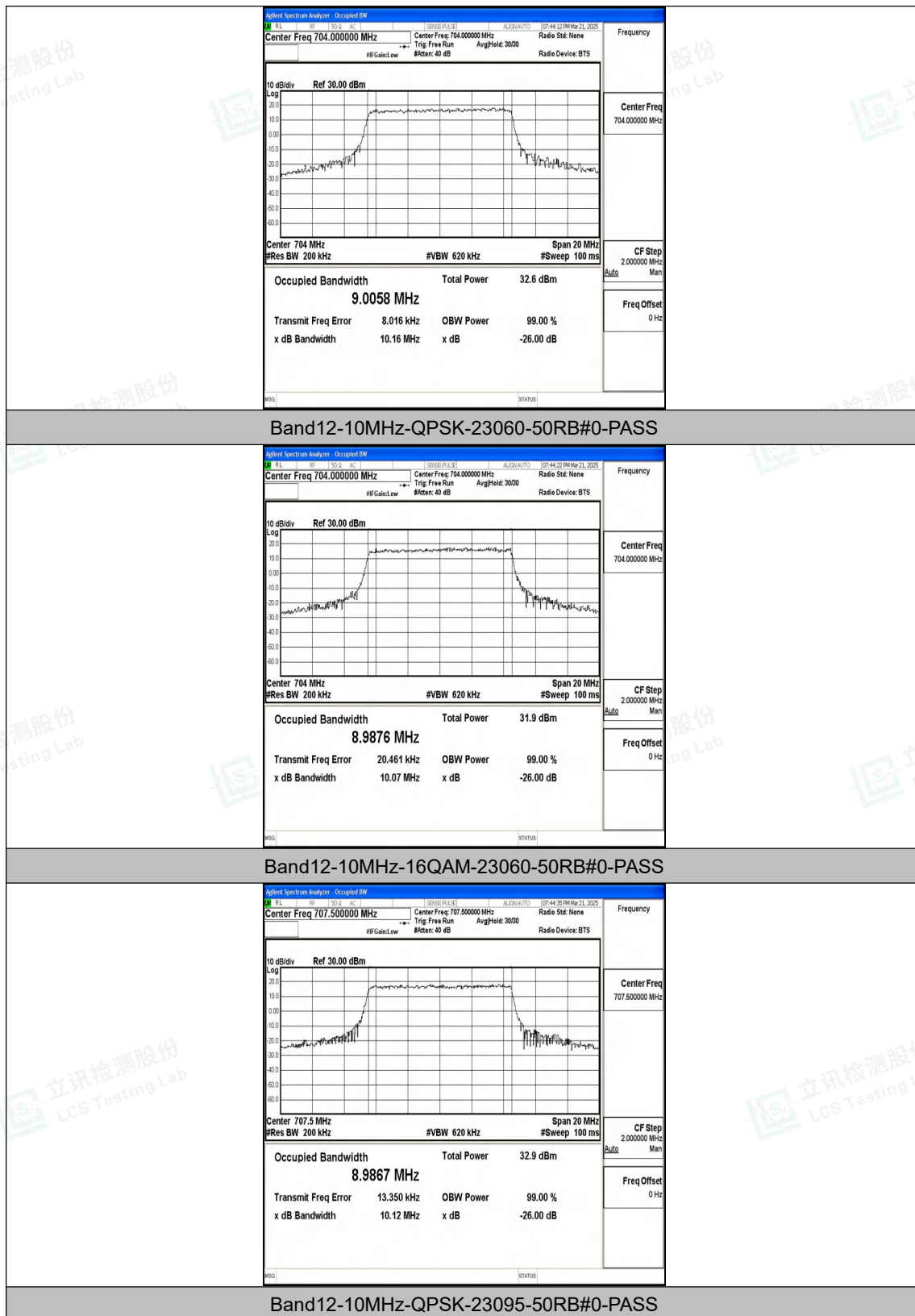


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

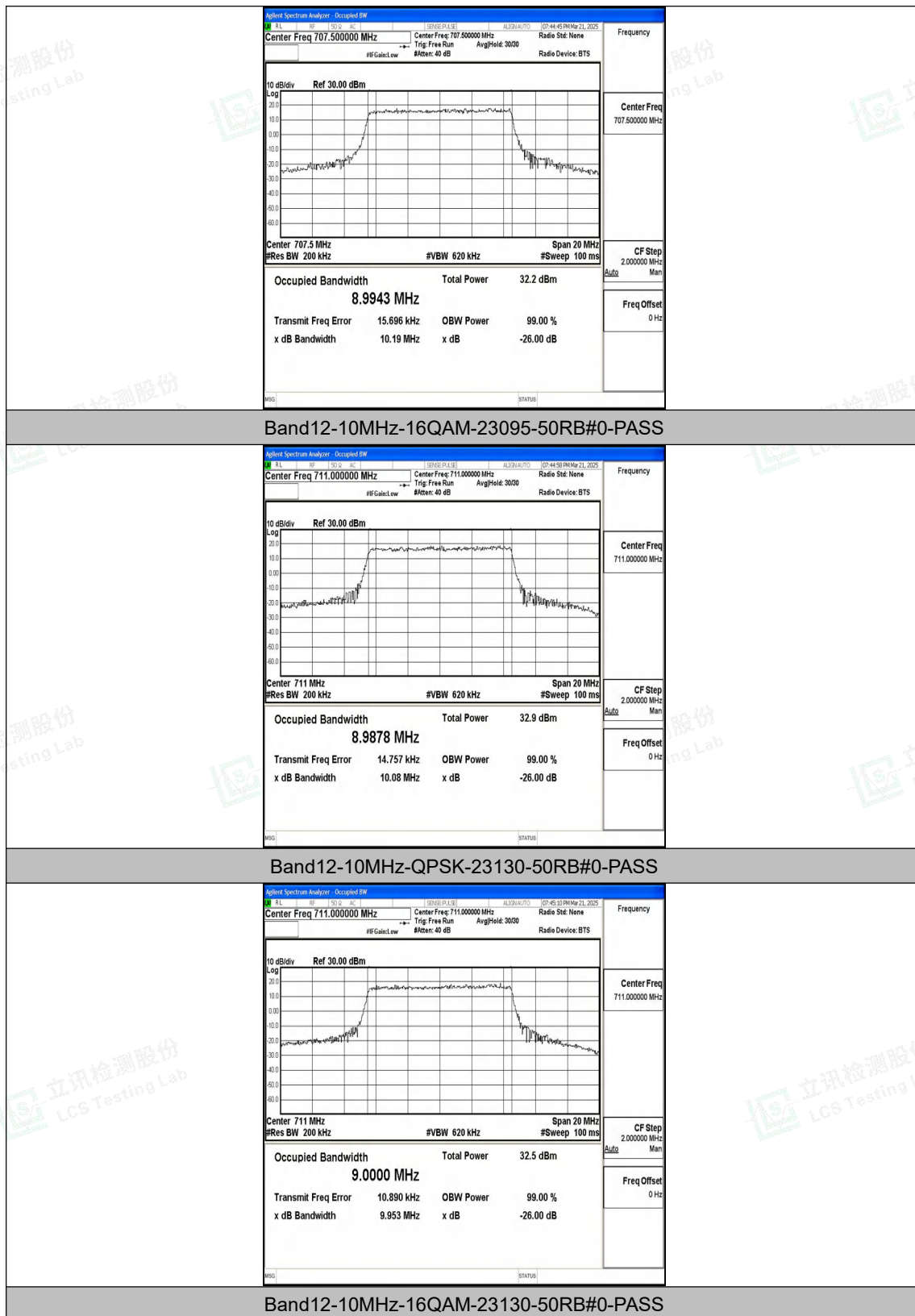


Shenzhen LCS Compliance Testing Laboratory Ltd.

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



L.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	698.85	-20.72	PASS_Final1
Band12	1.4MHz	QPSK	23017	6RB#0	698.99	-26.02	PASS_Final2
Band12	1.4MHz	16QAM	23017	6RB#0	698.85	-21.35	PASS_Final1
Band12	1.4MHz	16QAM	23017	6RB#0	698.99	-27.45	PASS_Final2
Band12	1.4MHz	QPSK	23173	6RB#0	716.02	-28.49	PASS_Final1
Band12	1.4MHz	QPSK	23017	6RB#0	698.88	-29.12	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	698.89	-30.74	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	716.19	-30.18	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	716.19	-21.44	PASS_Final2
Band12	1.4MHz	16QAM	23173	6RB#0	716.02	-27.45	PASS_Final1
Band12	1.4MHz	16QAM	23173	6RB#0	716.15	-21.25	PASS_Final2
Band12	1.4MHz	16QAM	23173	6RB#0	716.12	-32.50	PASS
Band12	3MHz	16QAM	23025	15RB#0	698.90	-33.94	PASS
Band12	3MHz	QPSK	23165	15RB#0	716.12	-30.92	PASS
Band12	3MHz	16QAM	23165	15RB#0	716.14	-34.66	PASS
Band12	5MHz	QPSK	23035	25RB#0	698.82	-35.53	PASS
Band12	10MHz	QPSK	23060	50RB#0	698.89	-25.03	PASS
Band12	10MHz	16QAM	23060	50RB#0	698.89	-27.48	PASS
Band12	10MHz	QPSK	23130	50RB#0	716.11	-24.85	PASS
Band12	10MHz	16QAM	23130	50RB#0	716.11	-22.79	PASS
Band12	5MHz	16QAM	23035	25RB#0	698.89	-37.24	PASS
Band12	5MHz	QPSK	23155	25RB#0	716.19	-36.43	PASS
Band12	5MHz	16QAM	23155	25RB#0	716.11	-33.59	PASS
Band12	3MHz	QPSK	23025	15RB#0	698.85	-23.50	PASS_Final1
Band12	3MHz	QPSK	23025	15RB#0	698.98	-23.83	PASS_Final2
Band12	3MHz	16QAM	23025	15RB#0	698.85	-23.94	PASS_Final1
Band12	3MHz	16QAM	23025	15RB#0	698.99	-23.57	PASS_Final2
Band12	3MHz	QPSK	23165	15RB#0	716.02	-23.34	PASS_Final1
Band12	3MHz	QPSK	23165	15RB#0	716.15	-23.60	PASS_Final2
Band12	3MHz	16QAM	23165	15RB#0	716.02	-23.77	PASS_Final1
Band12	3MHz	16QAM	23165	15RB#0	716.15	-24.46	PASS_Final2
Band12	5MHz	QPSK	23035	25RB#0	698.80	-26.36	PASS_Final1
Band12	5MHz	QPSK	23155	25RB#0	716.17	-27.14	PASS_Final1
Band12	5MHz	16QAM	23155	25RB#0	716.15	-26.77	PASS_Final1
Band12	3MHz	QPSK	23025	15RB#0	698.88	-32.50	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



Test Graphs

