



Appendix G: Test Data for E-UTRA Band 5

Product Name: Smart POS

Test Model: WIZARPOS Q3 PDA

Environmental Conditions

Temperature:	23.9°C
Relative Humidity:	53.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Paddi Chen
Supervised by:	Nick Peng



Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



G.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.46	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.39	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.37	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.32	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.35	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.34	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.34	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	23.34	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.49	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	23.48	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.48	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	23.50	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.48	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	23.48	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.32	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.13	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.30	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.29	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.32	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.11	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.43	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.91	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.43	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.91	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.40	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.78	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.52	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.99	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.16	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.48	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.00	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.04	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.60	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.74	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.22	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.82	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



Band5	1.4MHz	QPSK	20643	3RB#1	23.18	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.82	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.13	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.28	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.40	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.00	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.09	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.69	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.29	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.63	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.14	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.71	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.25	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.91	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.25	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.98	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.29	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.95	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.17	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.67	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.11	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.01	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.09	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.01	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.09	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.10	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.18	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.81	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.19	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.09	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.21	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.95	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.05	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.56	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.05	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.54	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.00	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.28	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.64	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.73	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



Band5	3MHz	QPSK	20635	8RB#0	22.40	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.86	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.26	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.86	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.21	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.87	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.20	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.74	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.06	PASS
Band5	5MHz	16QAM	20425	1RB#0	21.99	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.20	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.94	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.10	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.09	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.20	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.80	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.20	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.70	PASS
Band5	5MHz	QPSK	20425	12RB#13	21.94	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.68	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.18	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.83	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.88	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.07	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.77	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.12	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.90	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.06	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.04	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.80	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.24	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.67	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.25	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.70	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.22	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.53	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.12	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.56	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.11	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.67	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



Band5	5MHz	QPSK	20625	1RB#24	22.78	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.38	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.36	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.55	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.27	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.89	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.20	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.80	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.30	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.76	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.96	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.87	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.06	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.88	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.03	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.74	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.06	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.60	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.26	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.64	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.04	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.58	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.26	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.64	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.11	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.76	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.18	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.81	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.23	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.90	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.11	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.79	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.11	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.79	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.18	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.77	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.24	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.70	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.11	PASS
Band5	10MHz	16QAM	20600	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



Band5	10MHz	QPSK	20600	1RB#24	23.08	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.25	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.94	PASS
Band5	10MHz	16QAM	20600	1RB#49	23.00	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.36	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.87	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.13	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.88	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.47	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.89	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.29	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.93	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



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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.89	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.17	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.55	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.17	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.70	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.52	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.39	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.96	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	4.05	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3.79	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.75	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.33	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	5.01	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.64	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.66	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.34	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.76	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.13	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.40	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.05	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.17	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	4.18	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.97	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.54	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.17	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.70	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.67	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.27	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.84	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.22	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.50	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.11	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.27	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	4.56	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.33	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.90	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



Band5	10MHz	QPSK	20450	1RB#0	5.07	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.53	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.60	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.26	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.88	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.69	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.52	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.19	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.77	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.32	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.33	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.96	13	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

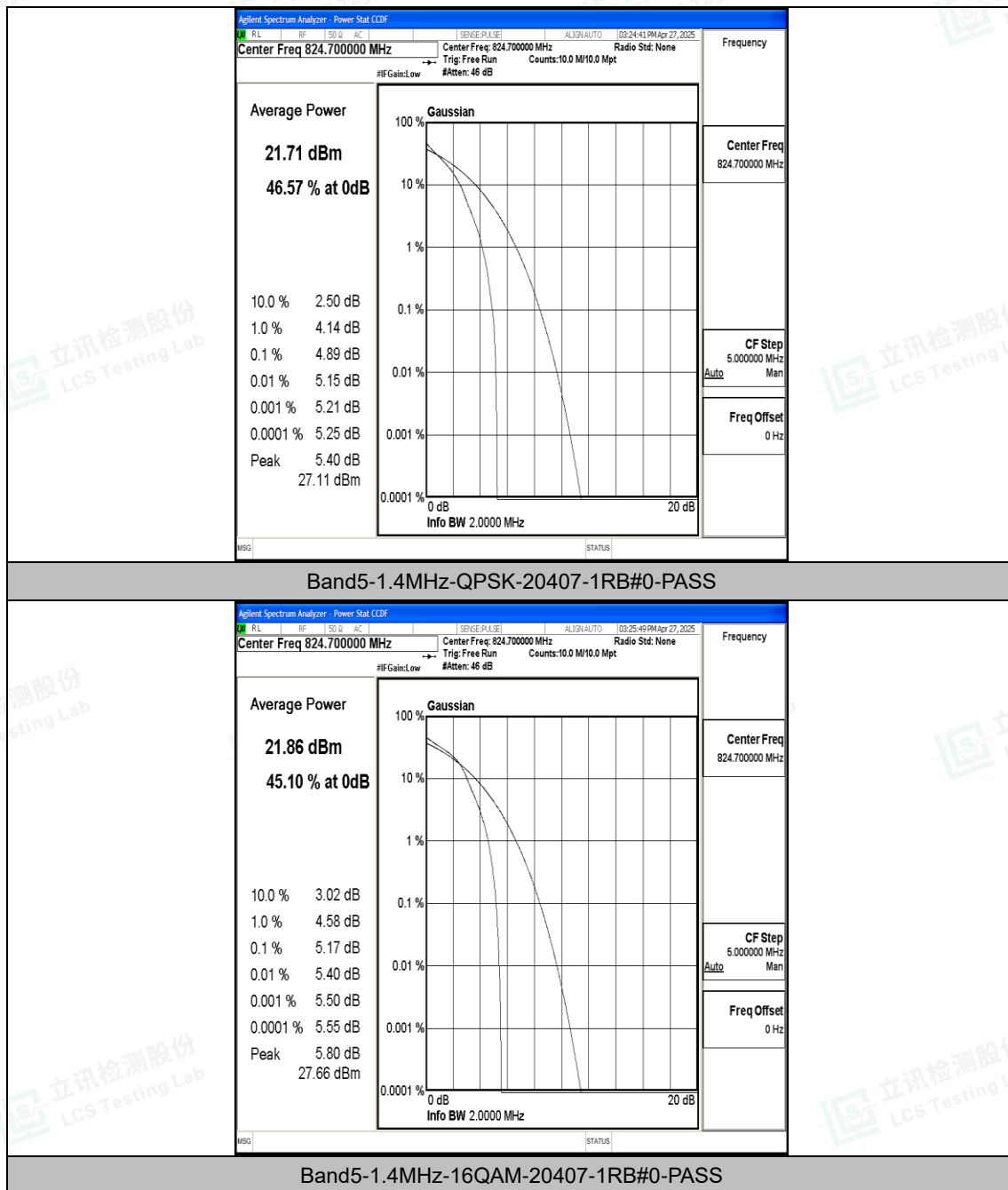
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



Test Graphs

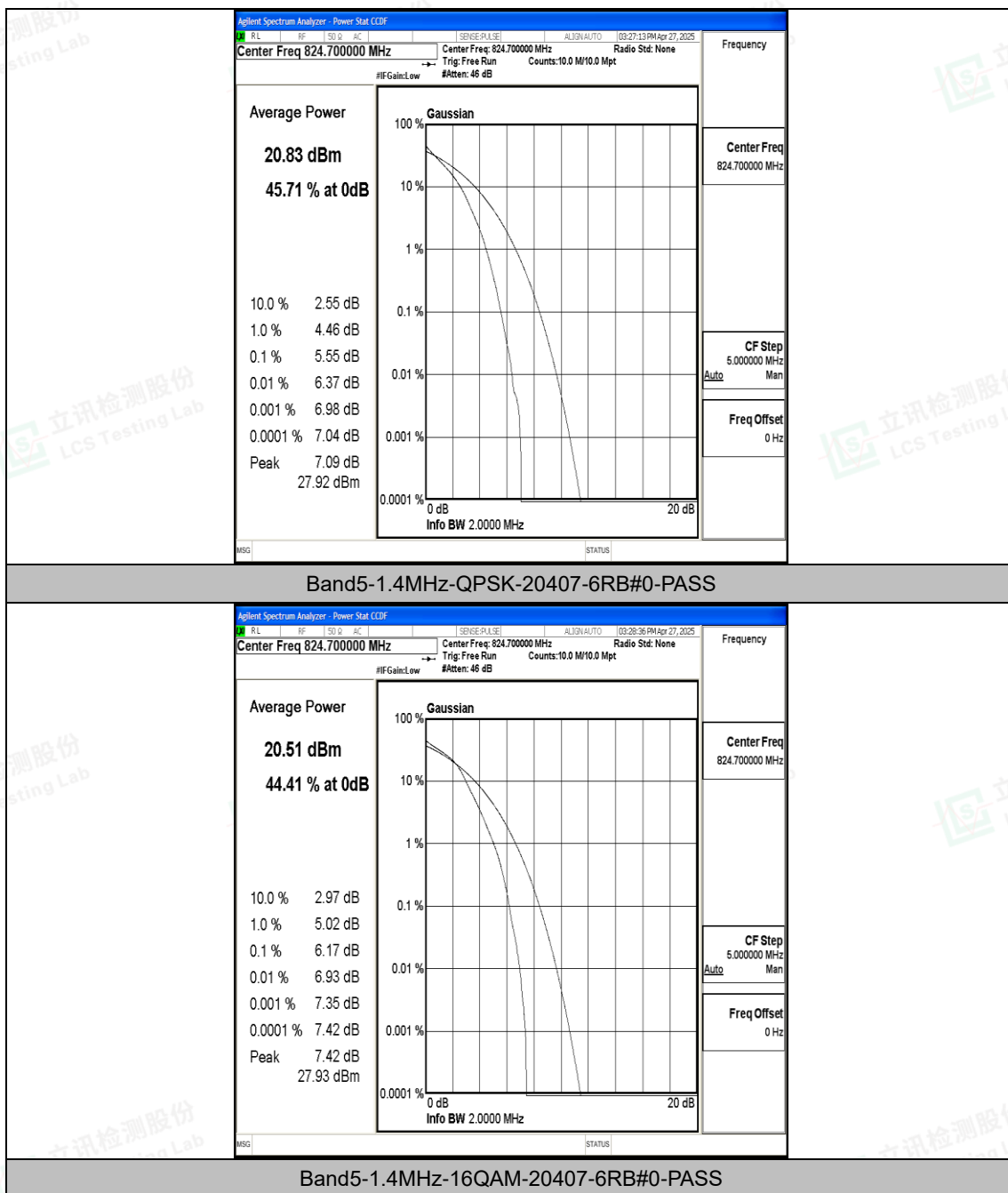


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

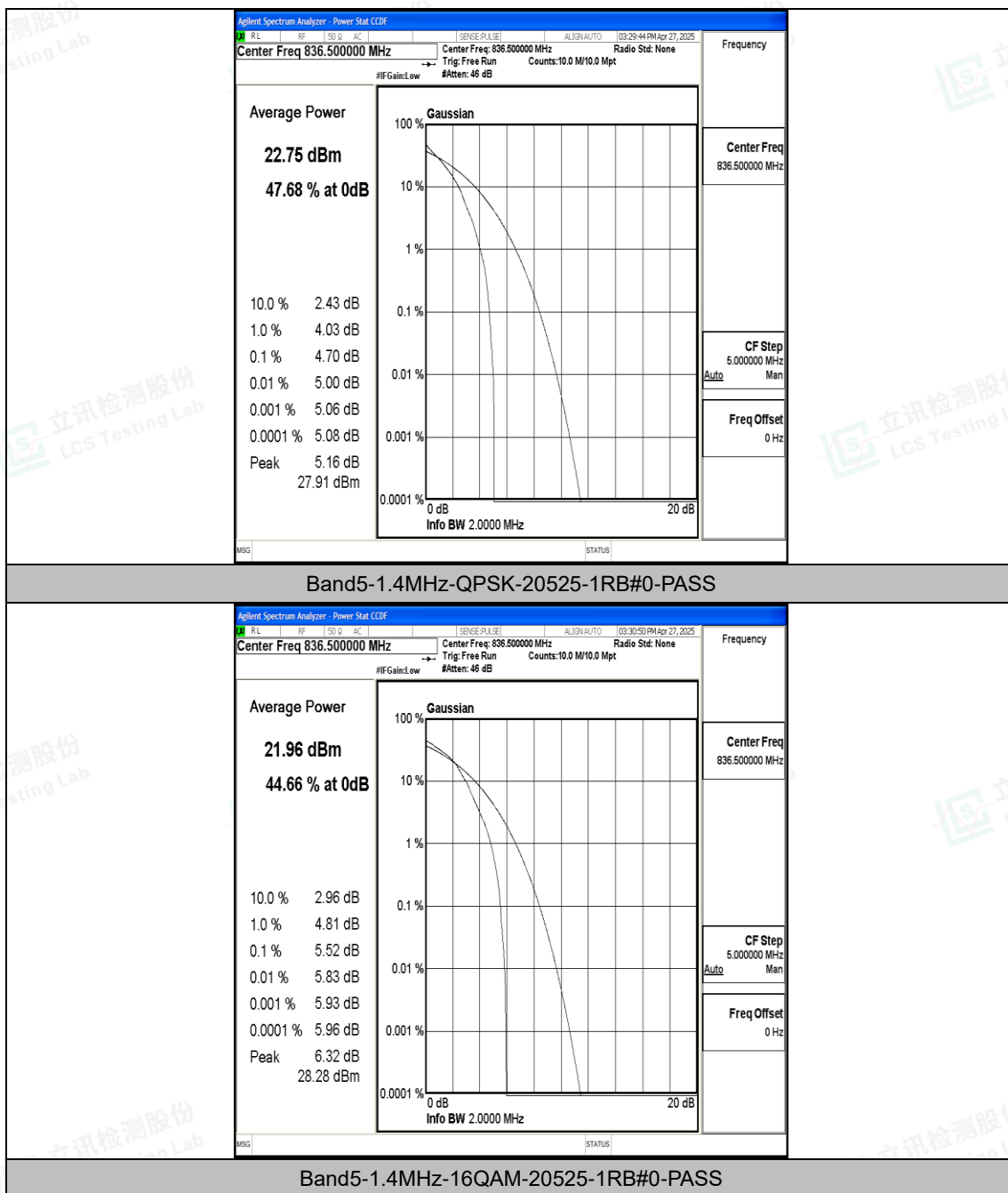


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

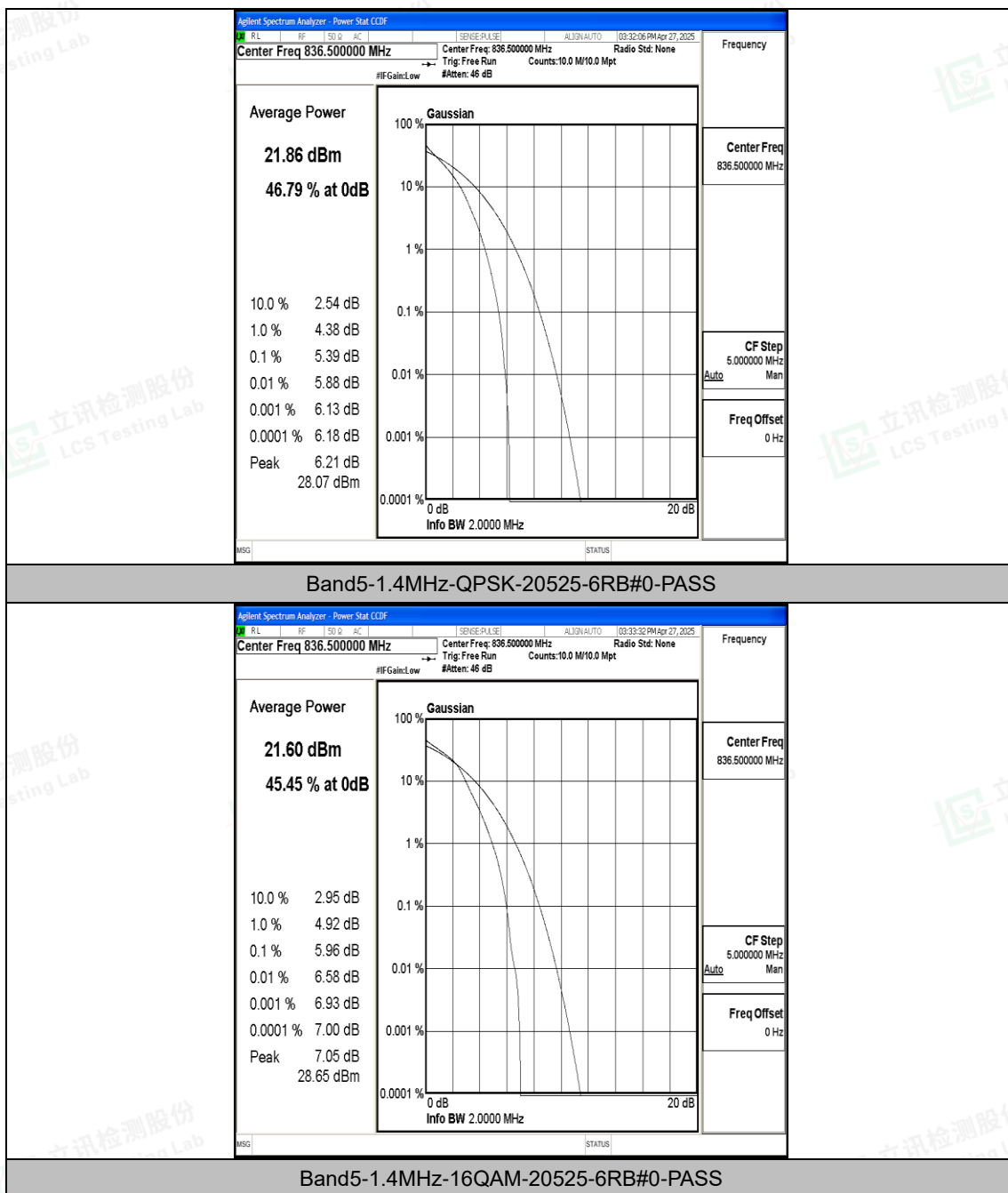


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

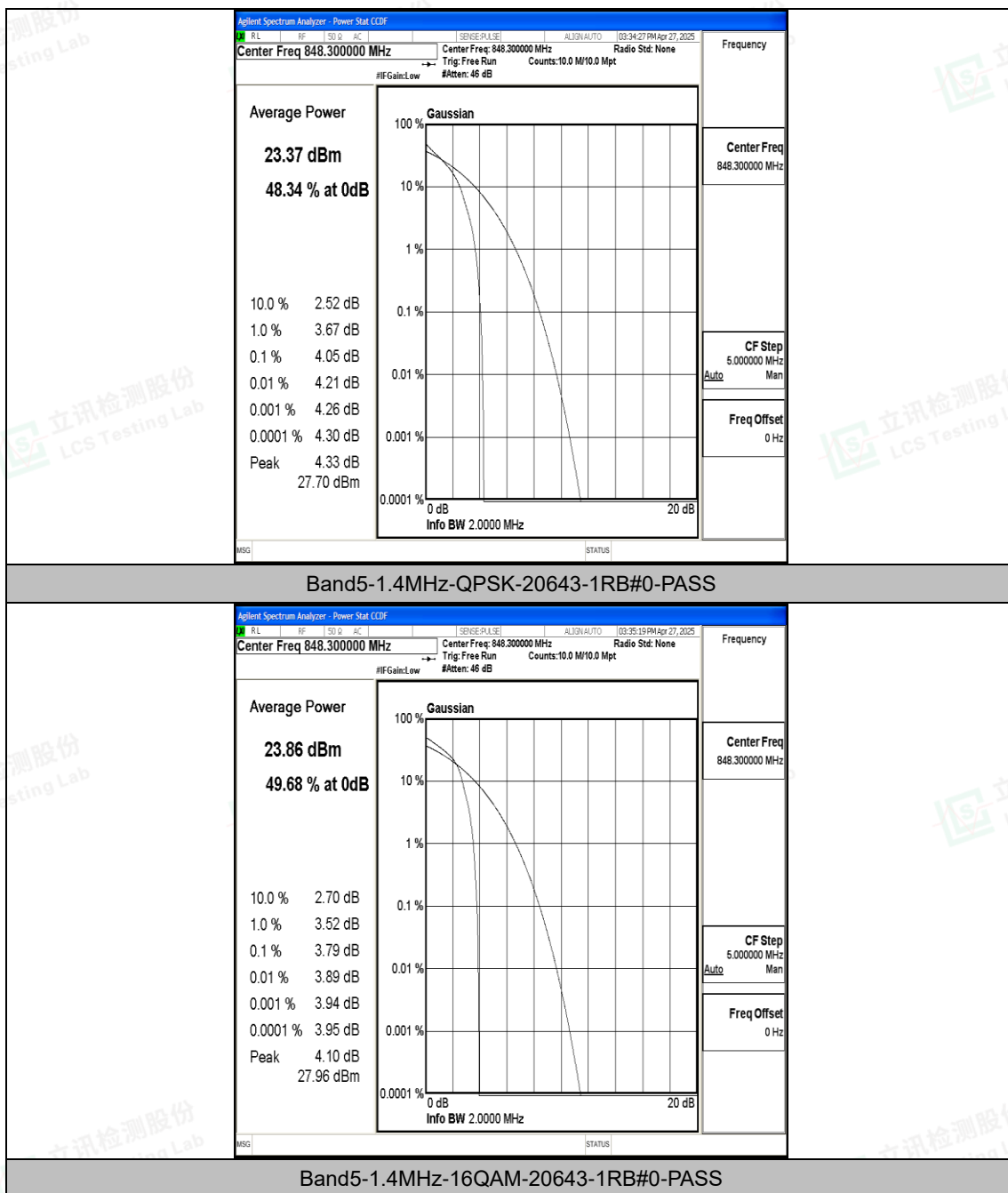


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

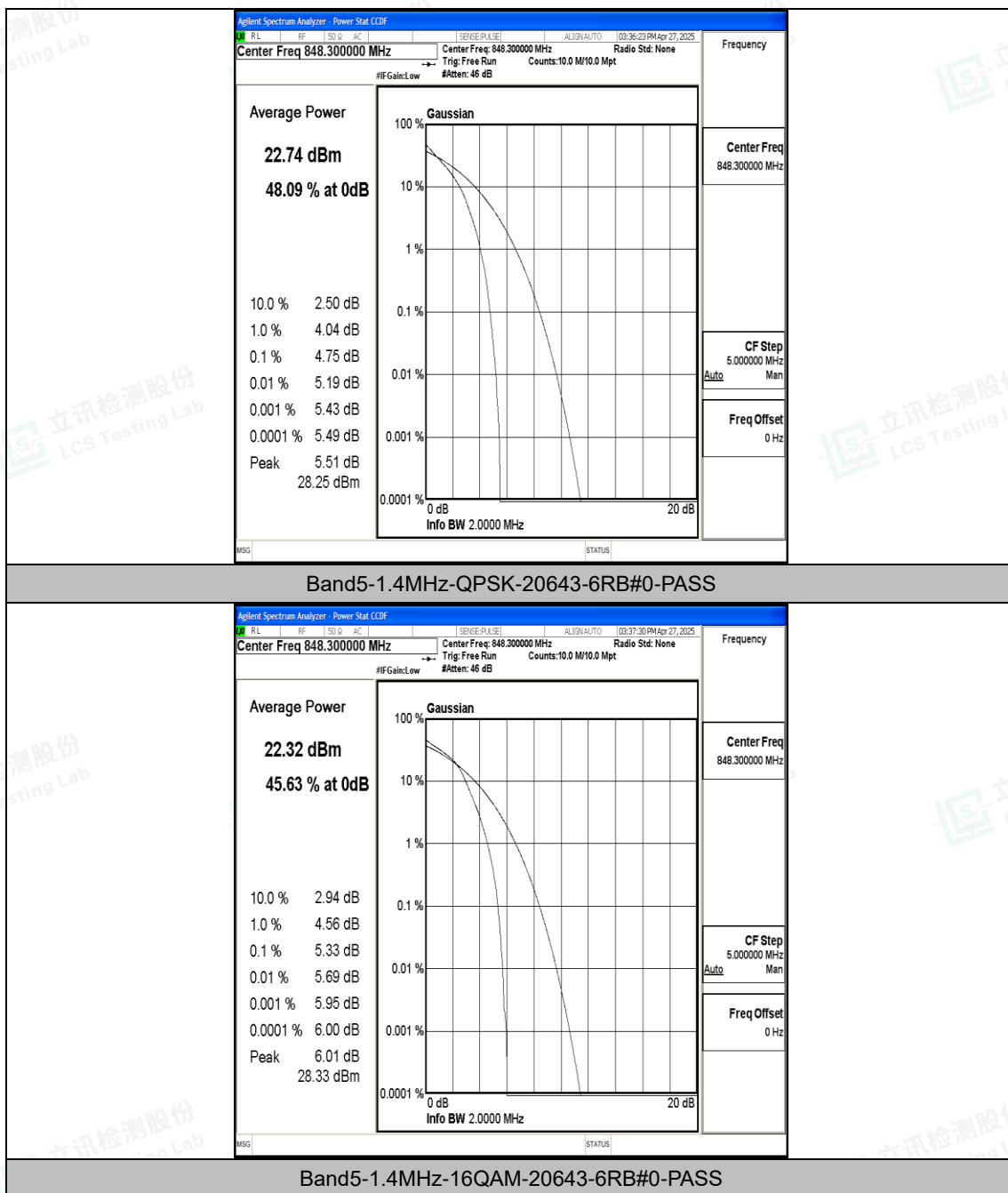


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

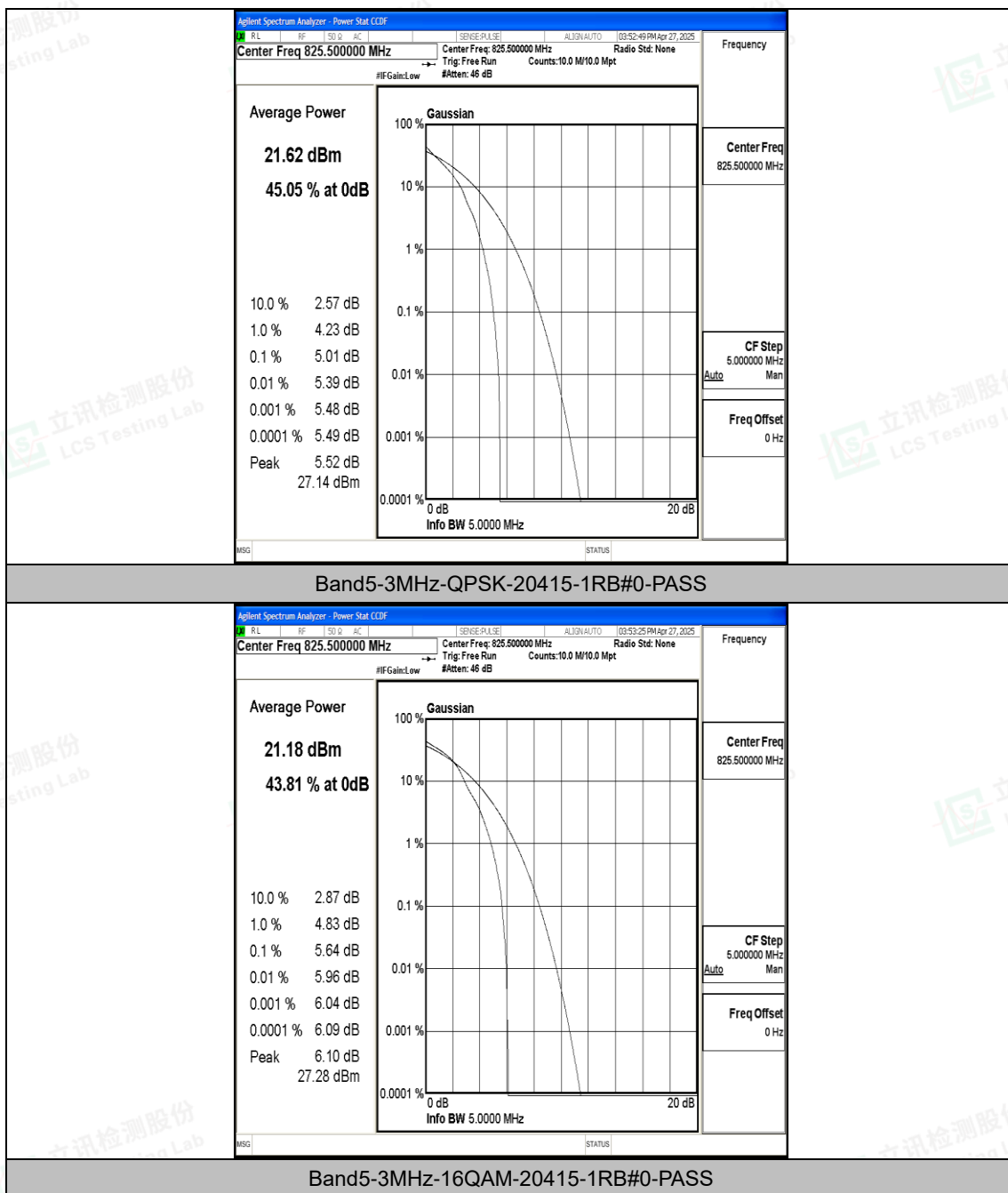


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

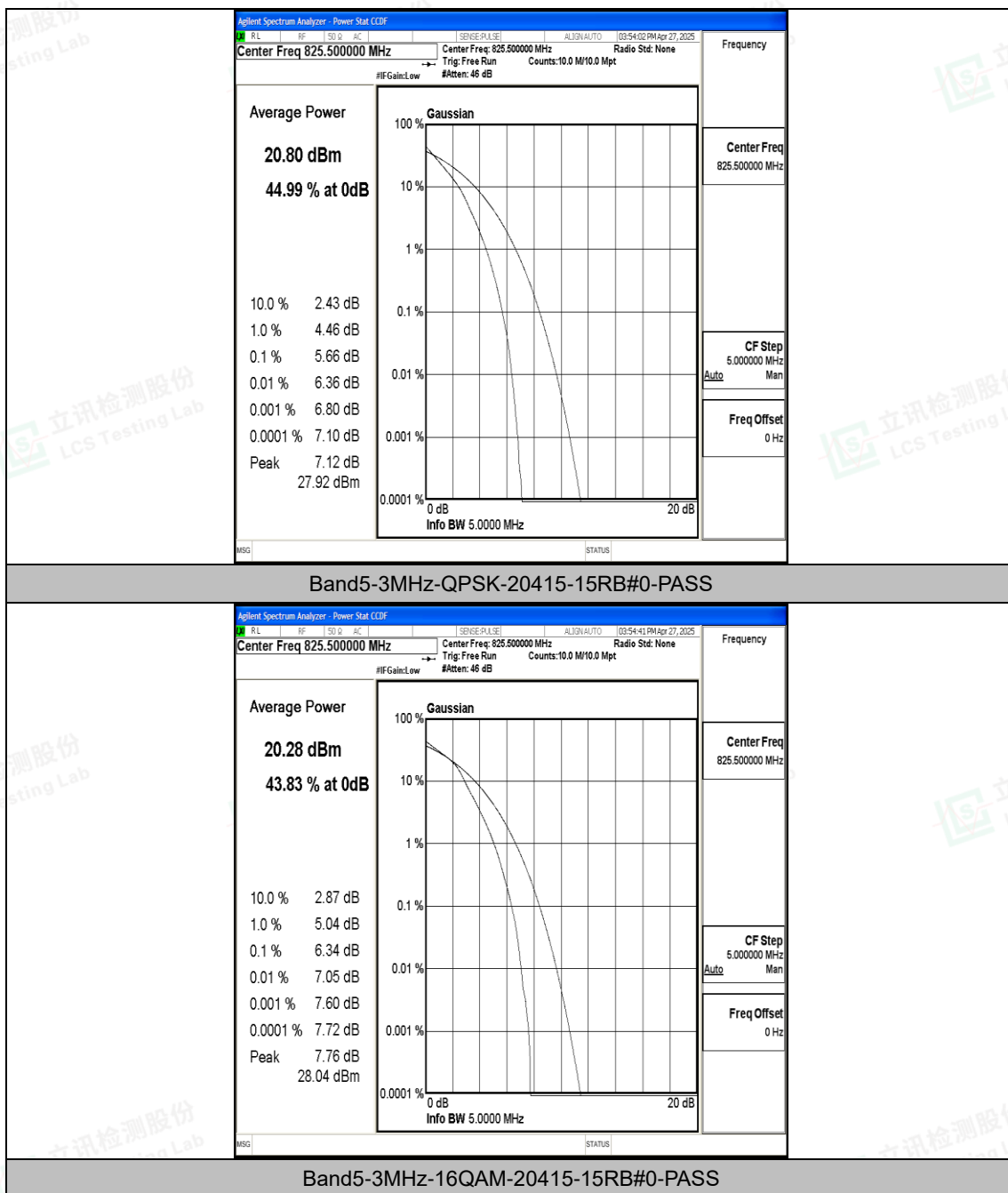


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

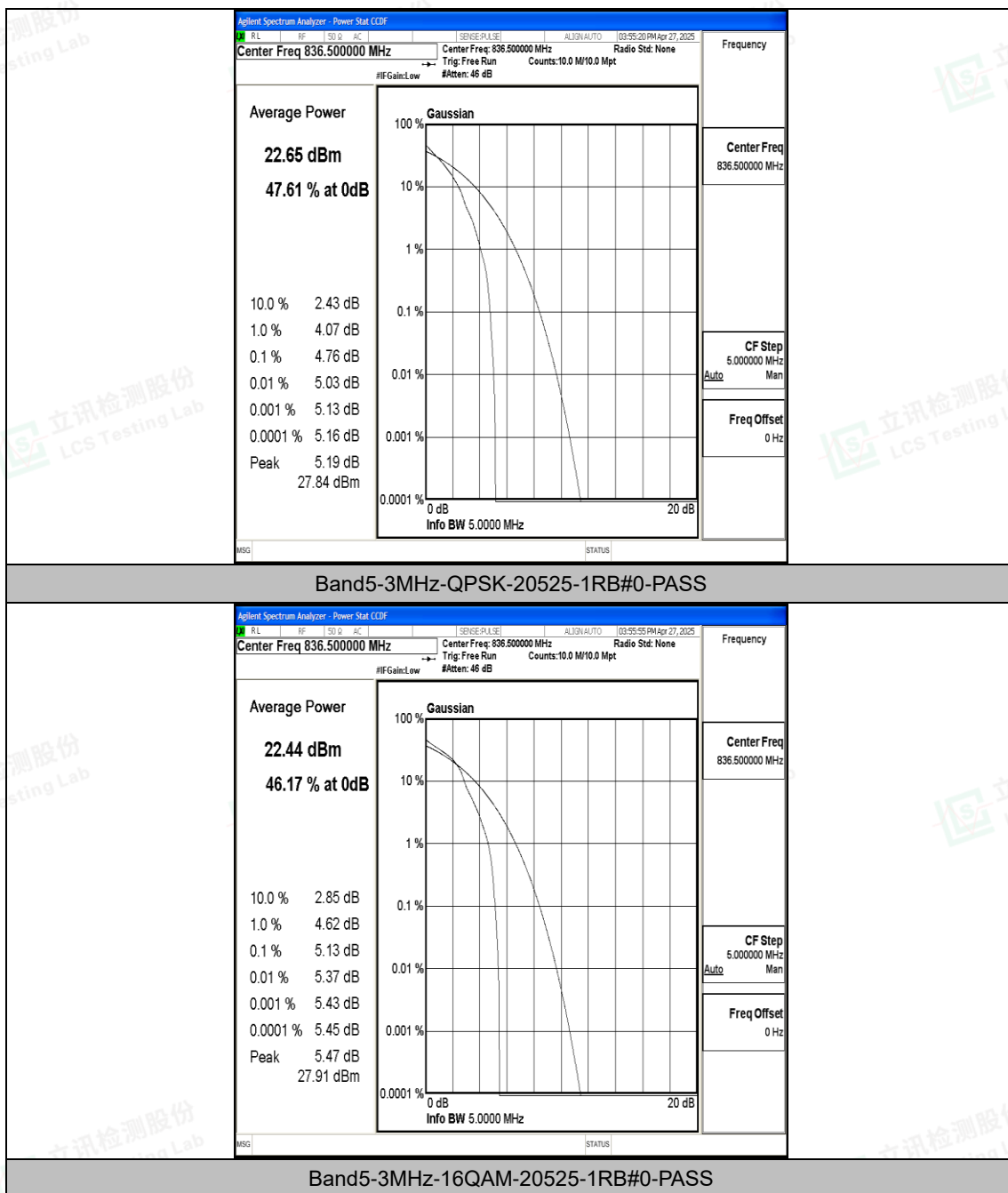


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

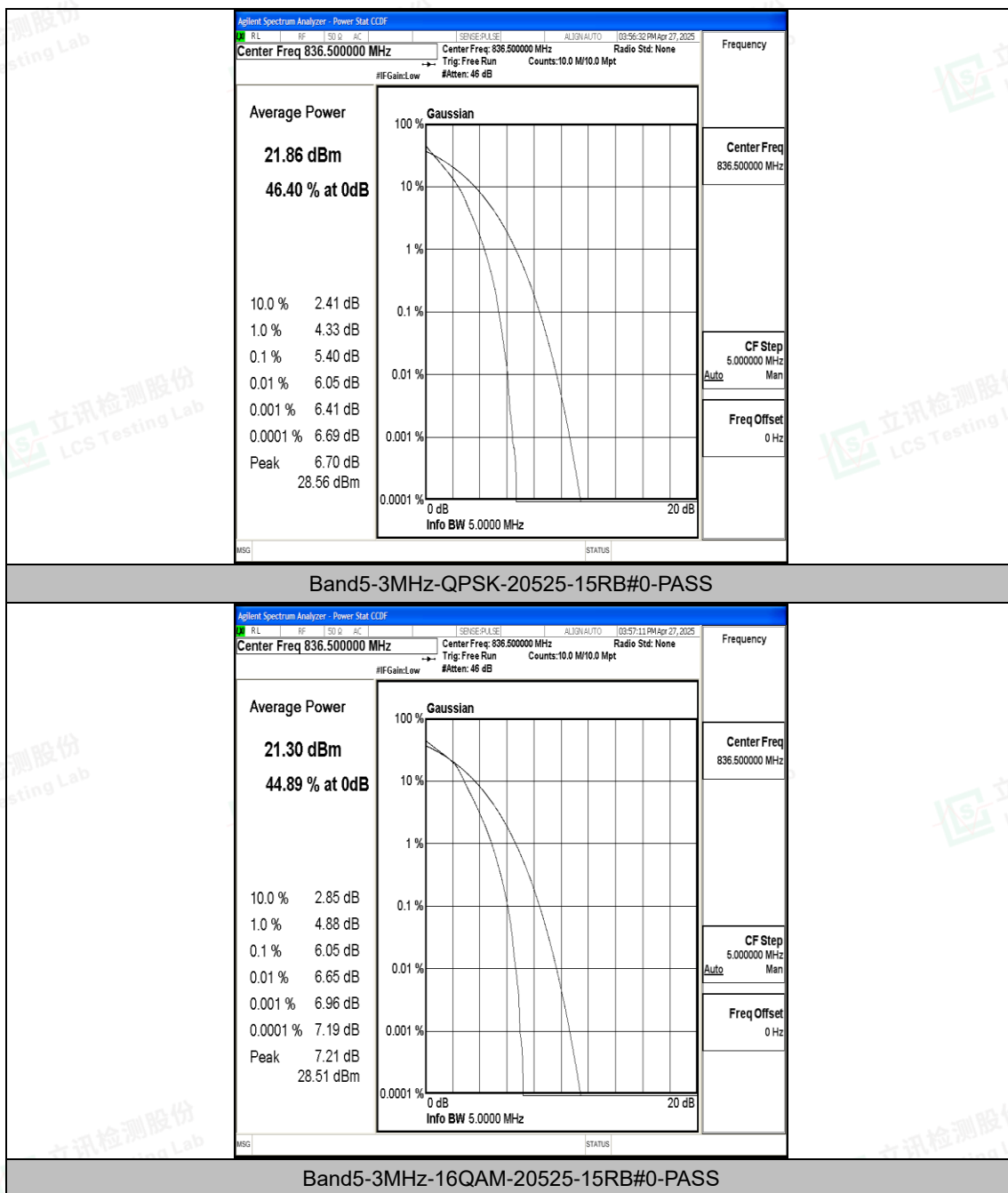


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

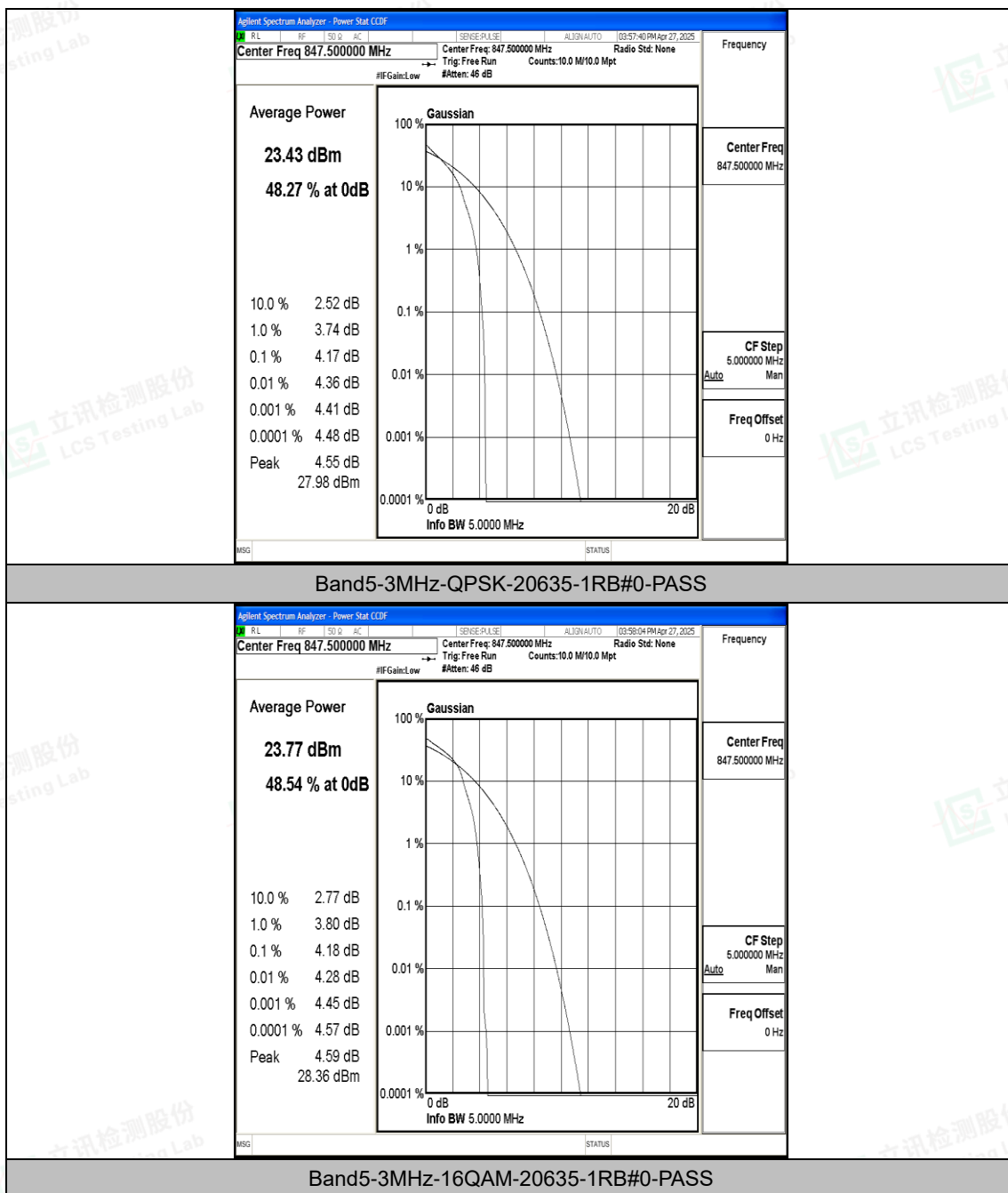


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

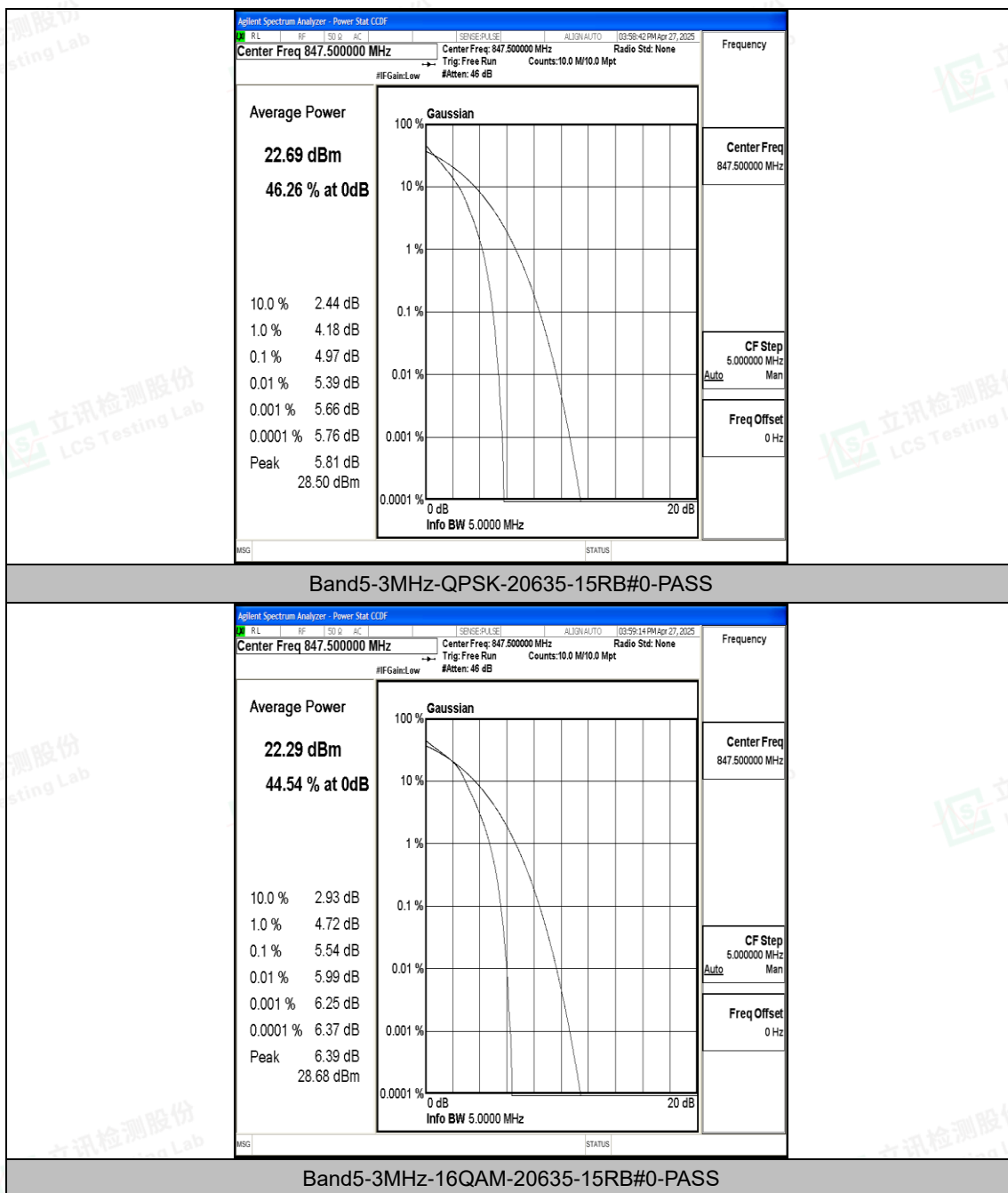


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

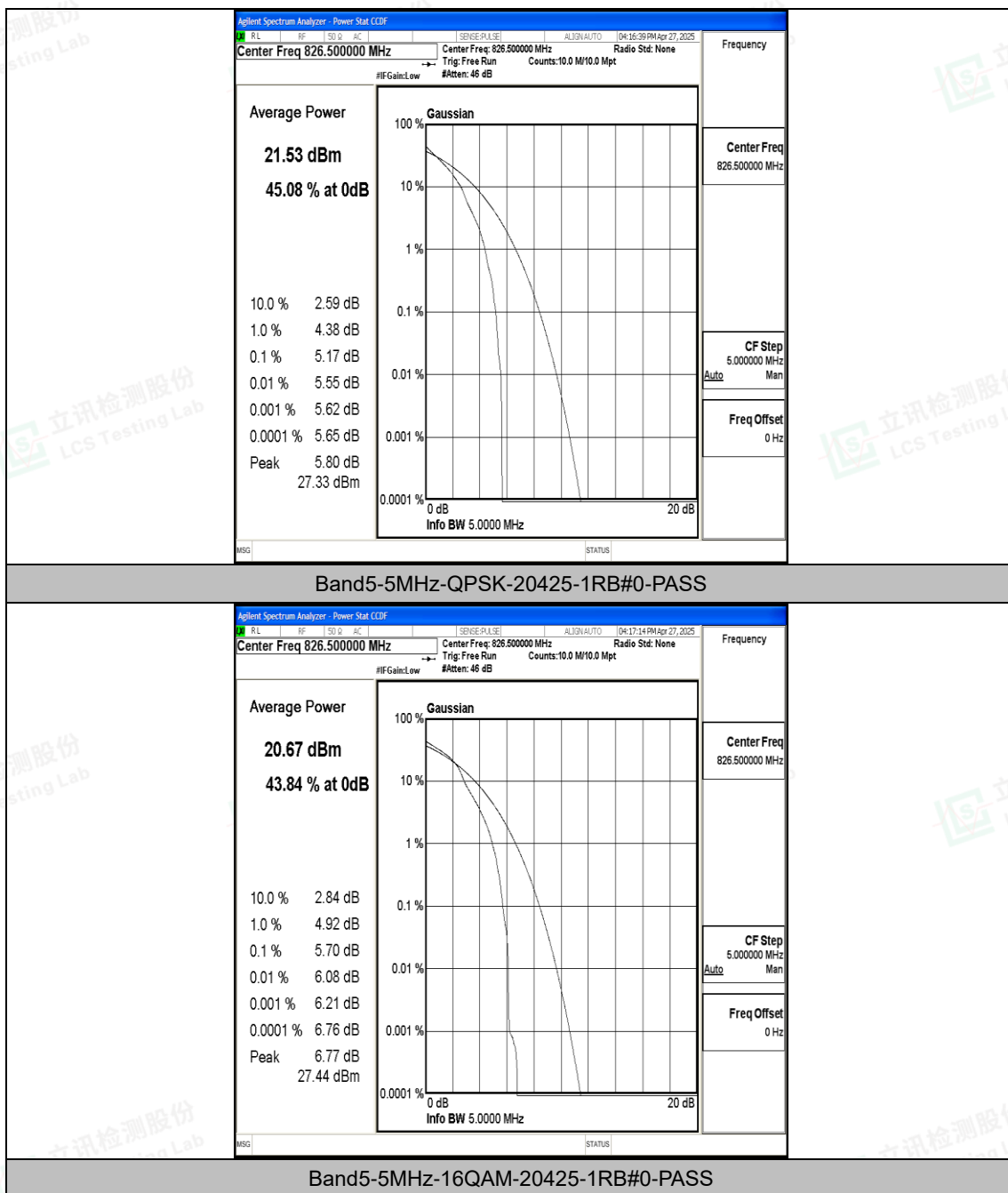


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

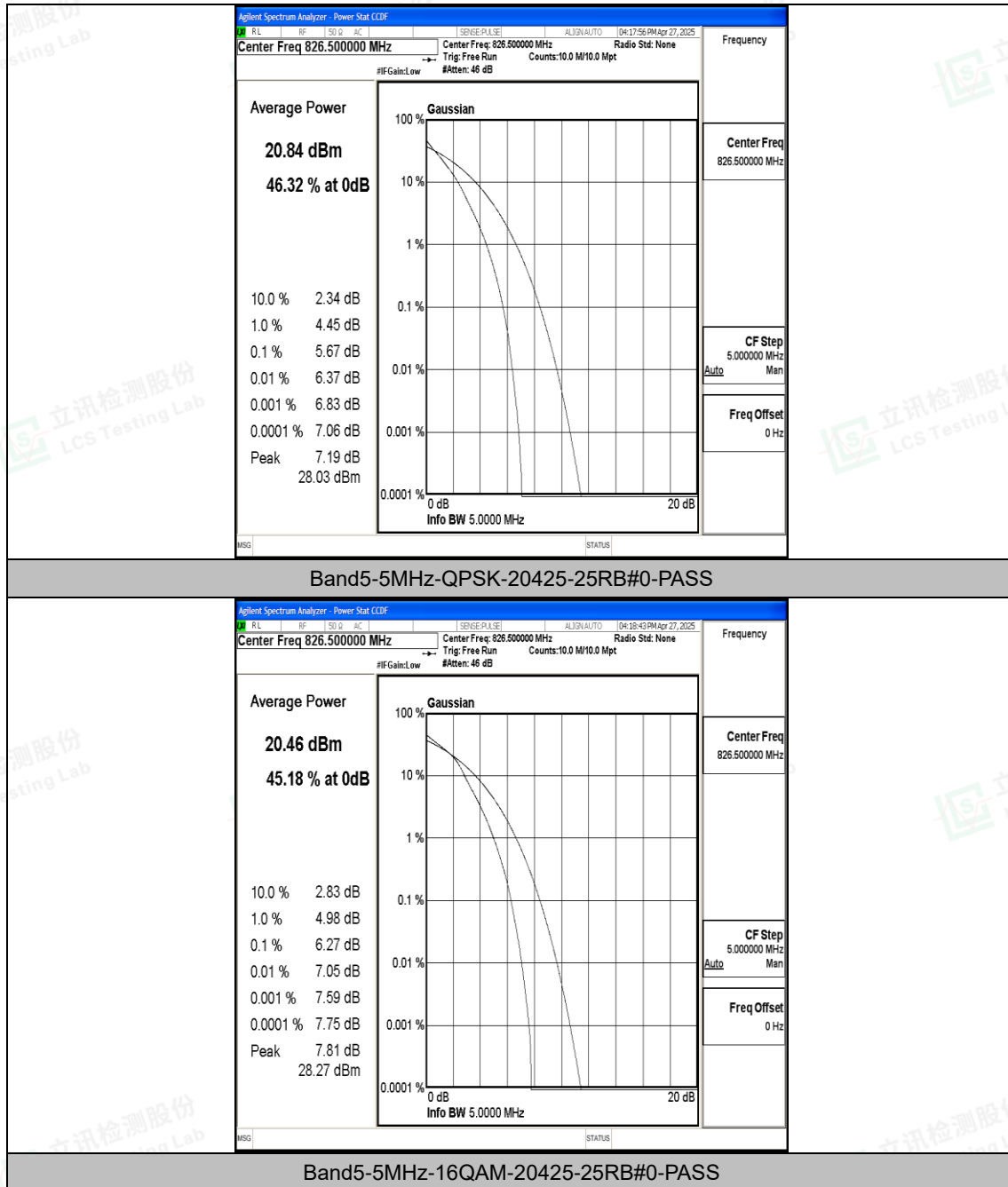


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

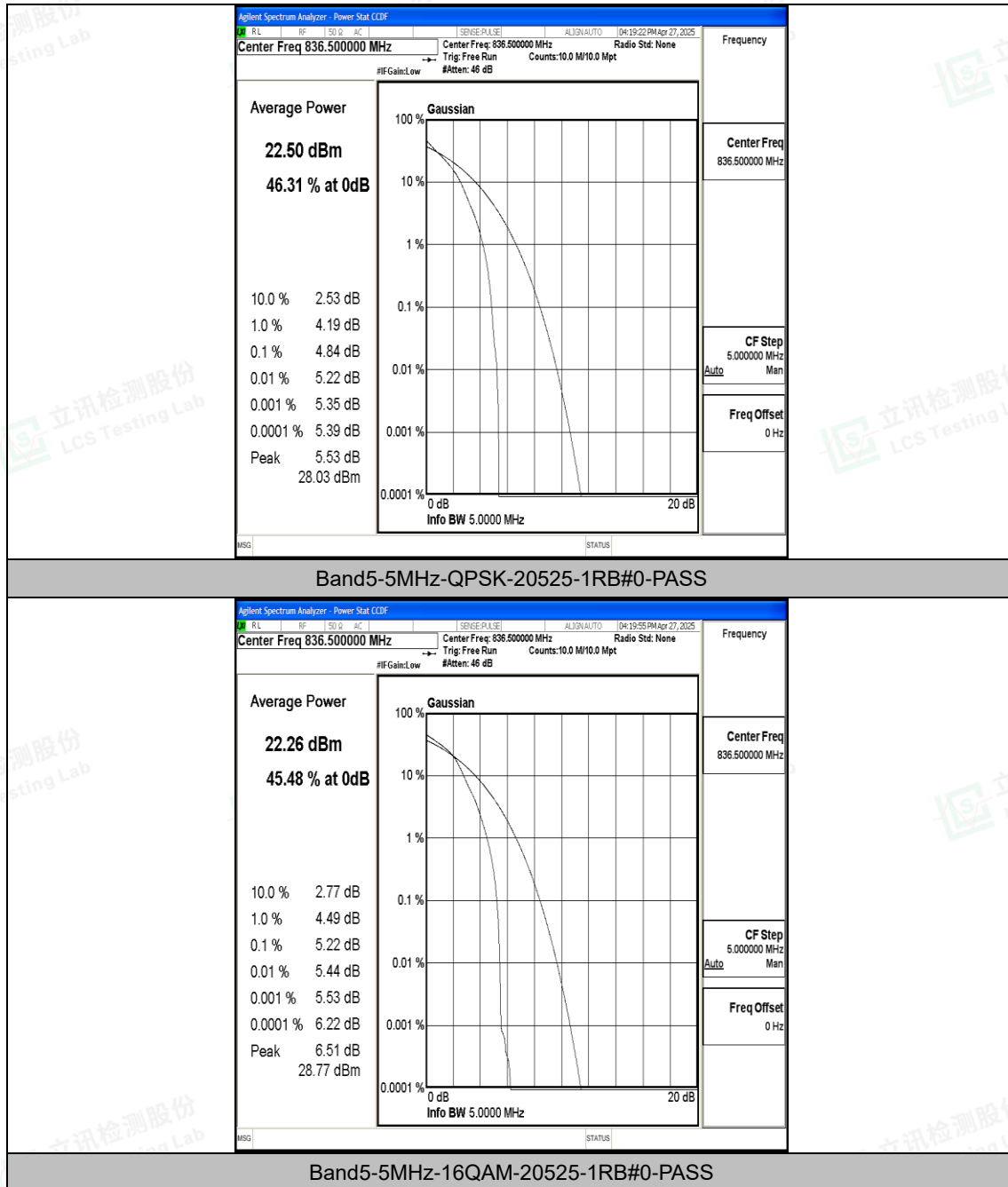


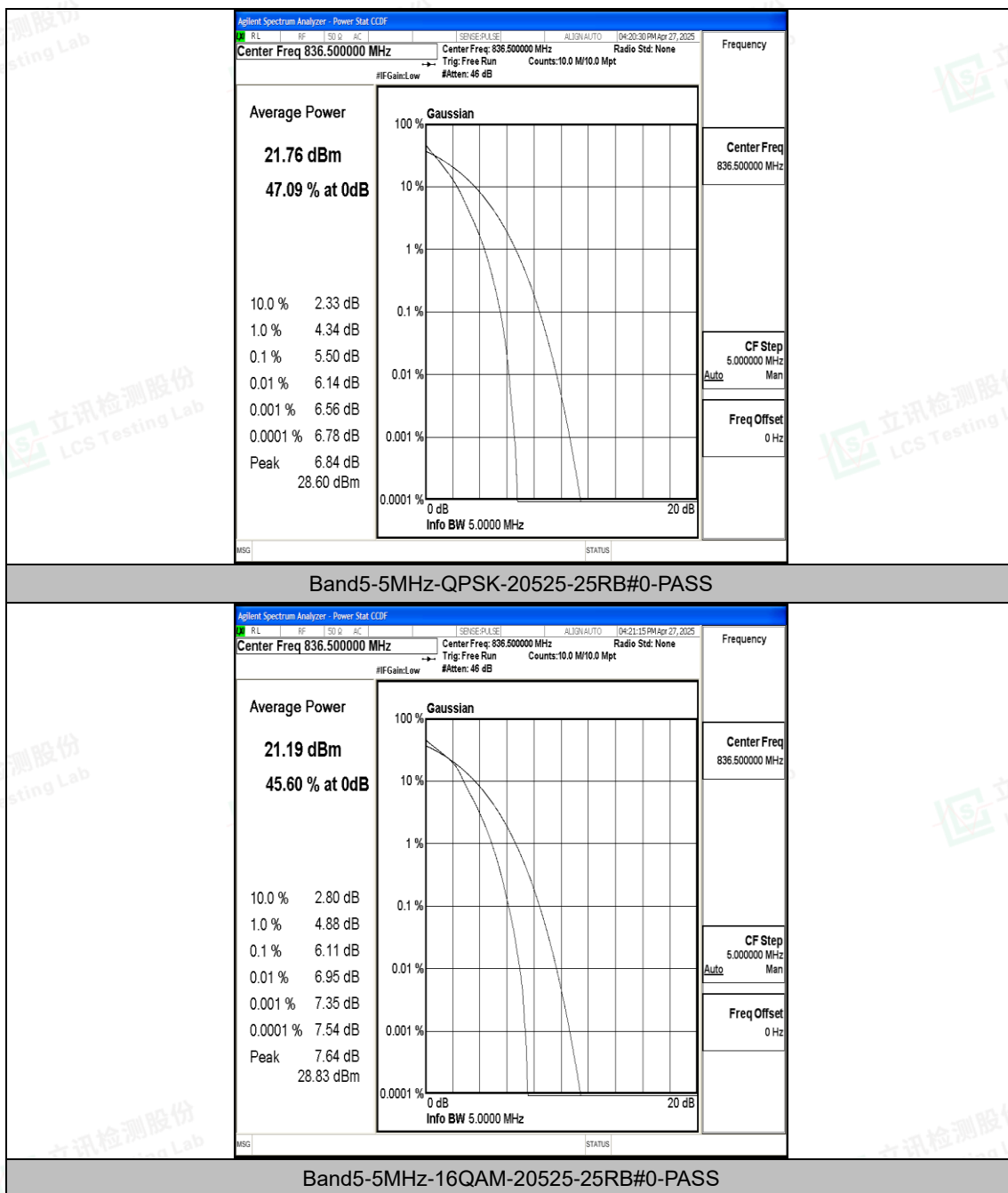
Shenzhen LCS Compliance Testing Laboratory Ltd.

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



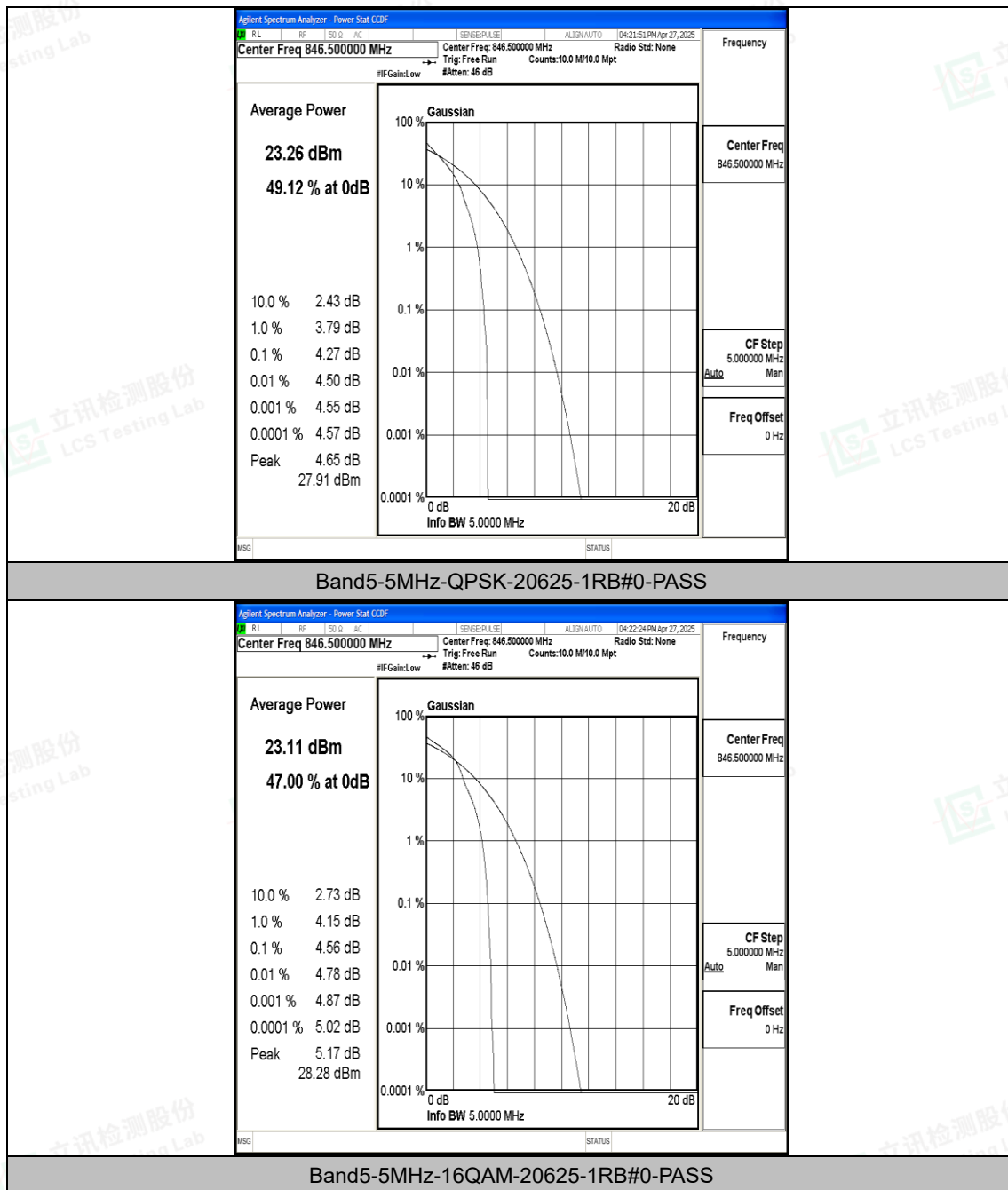


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

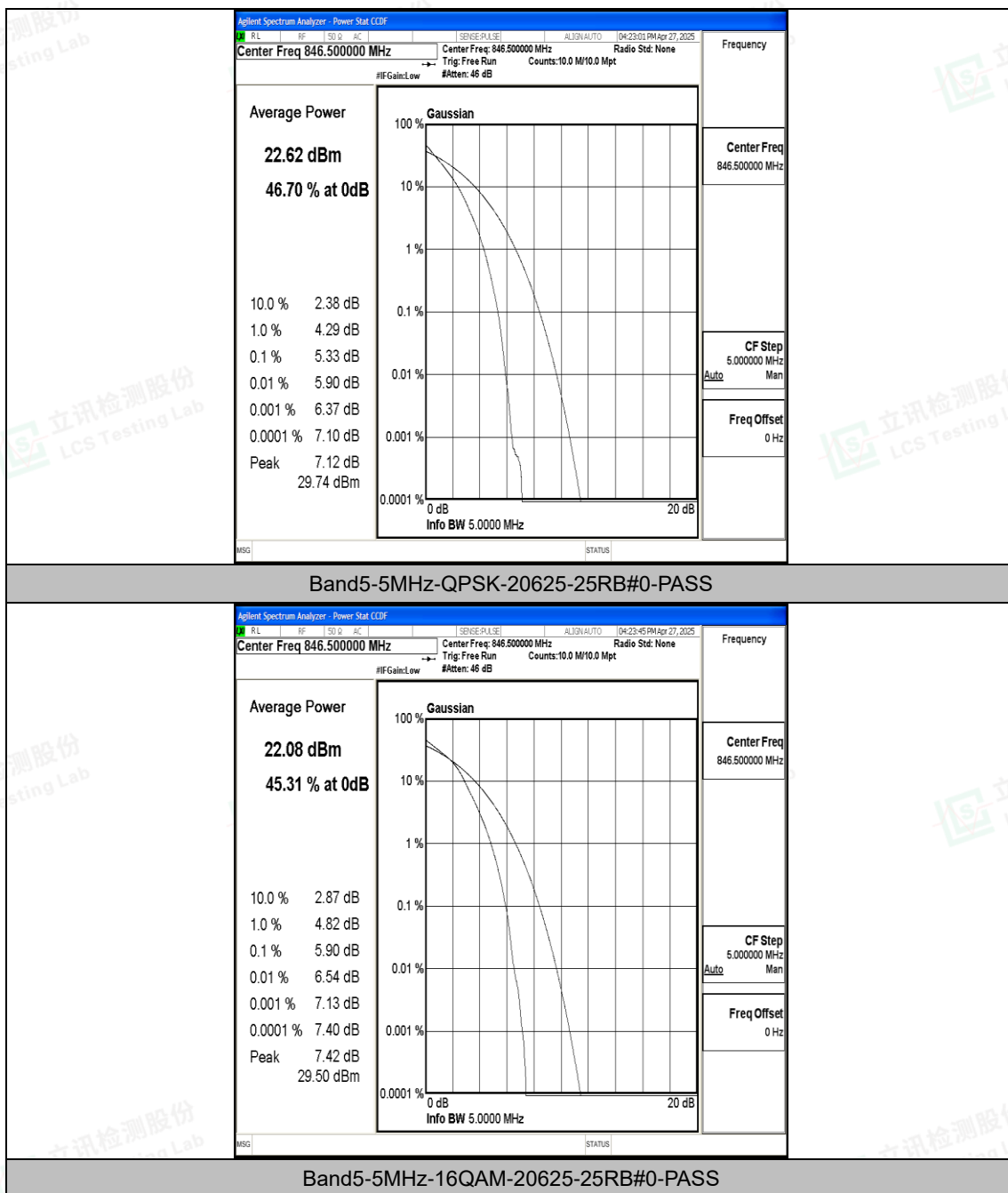


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

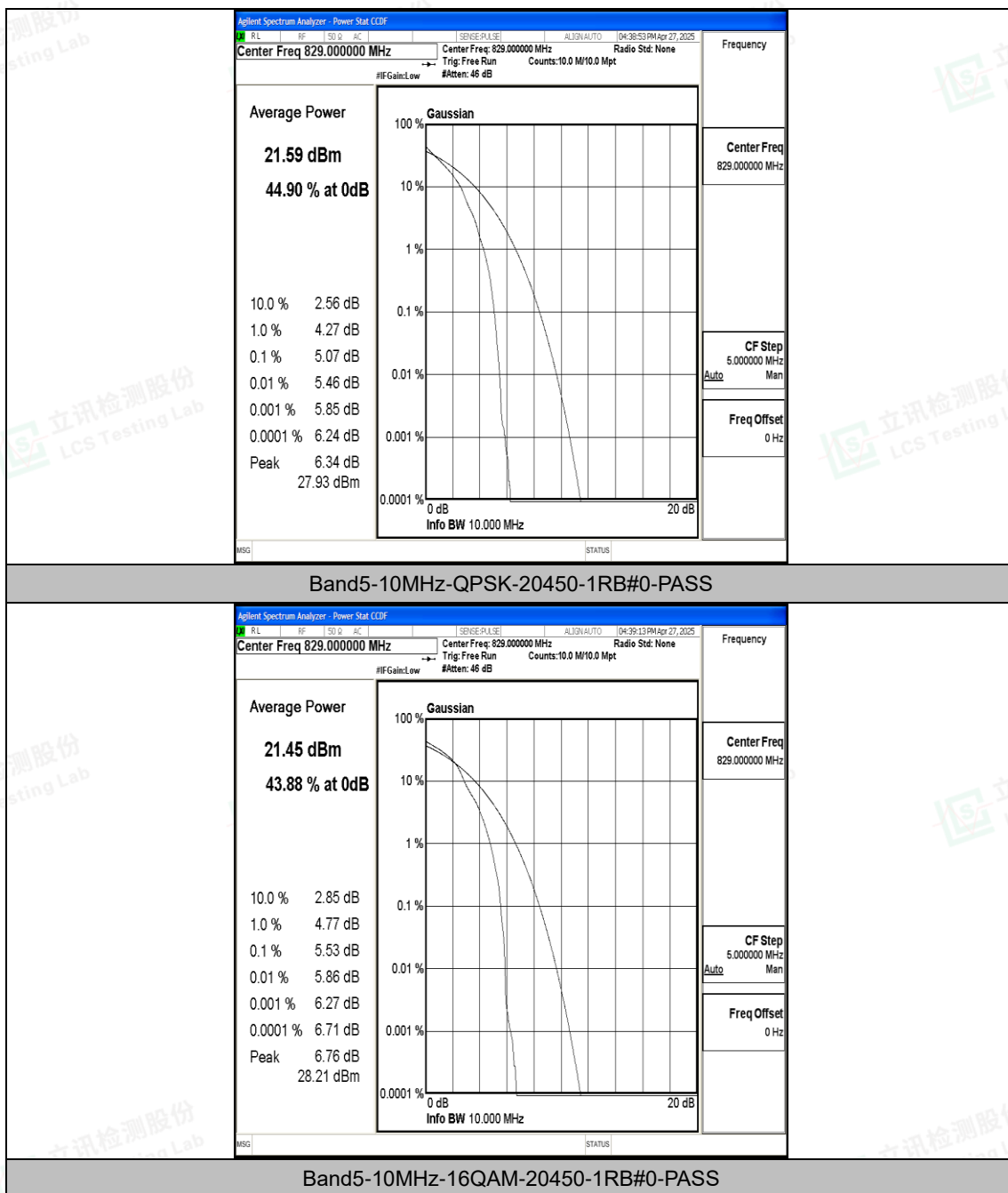


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

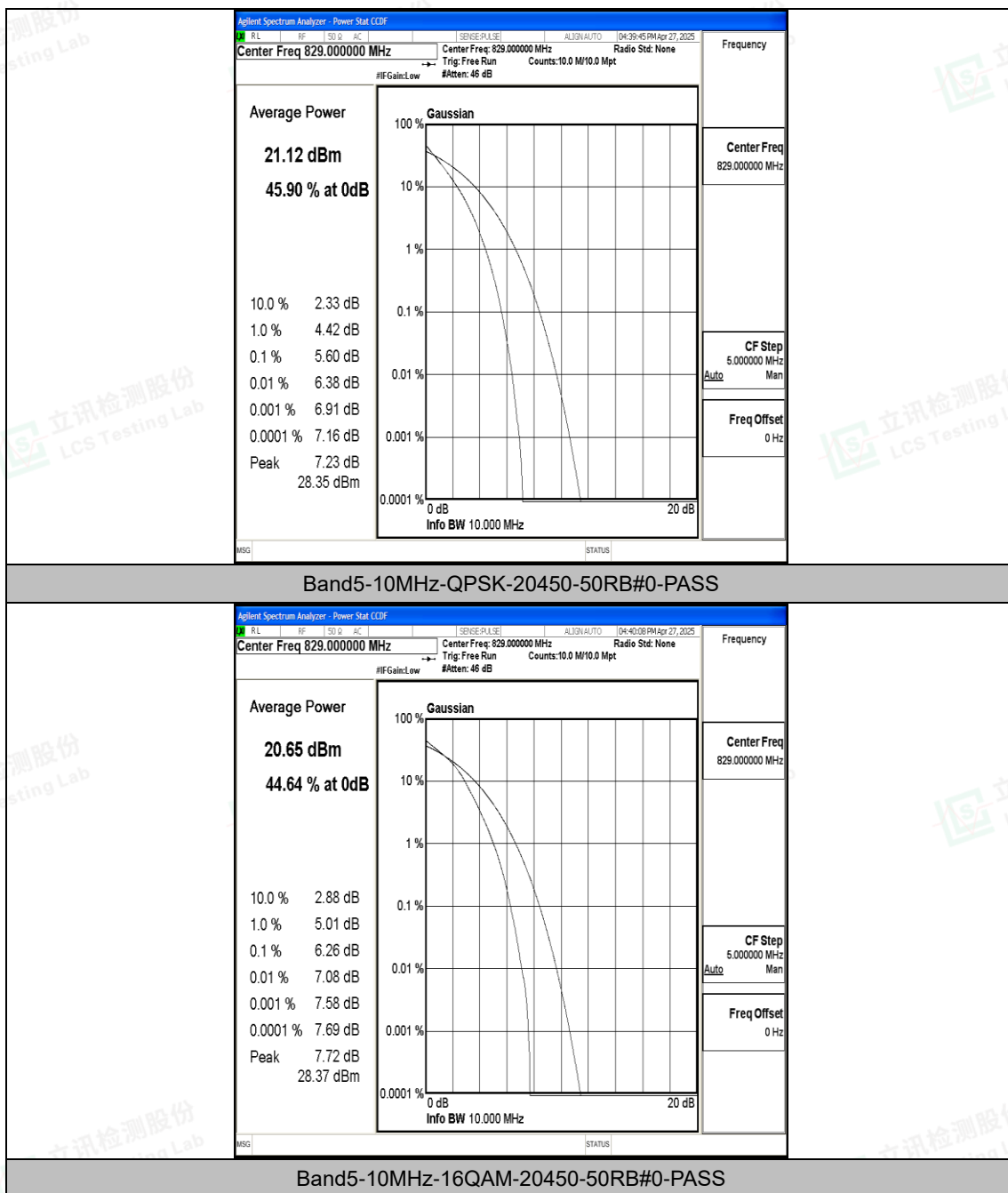


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

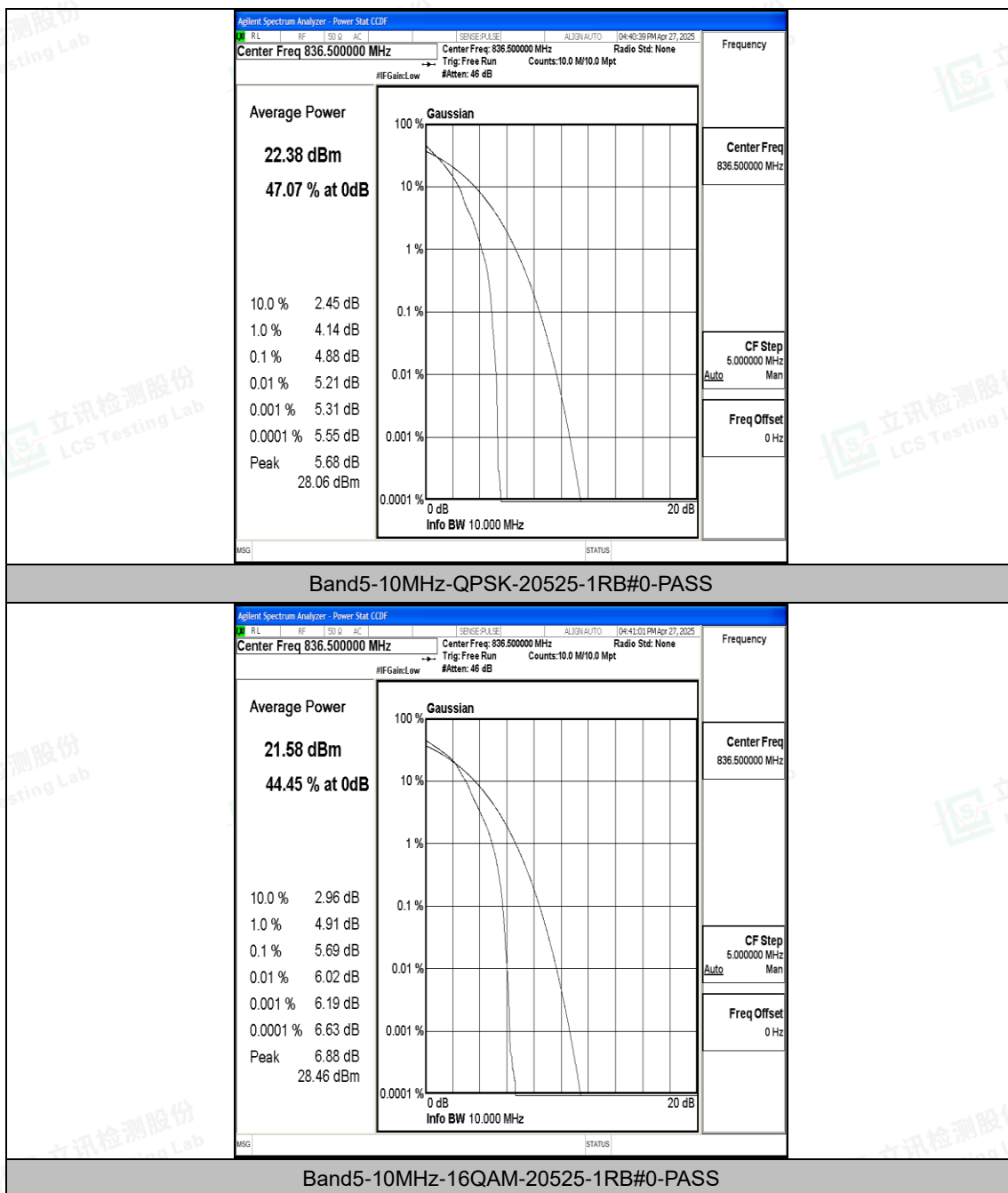


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

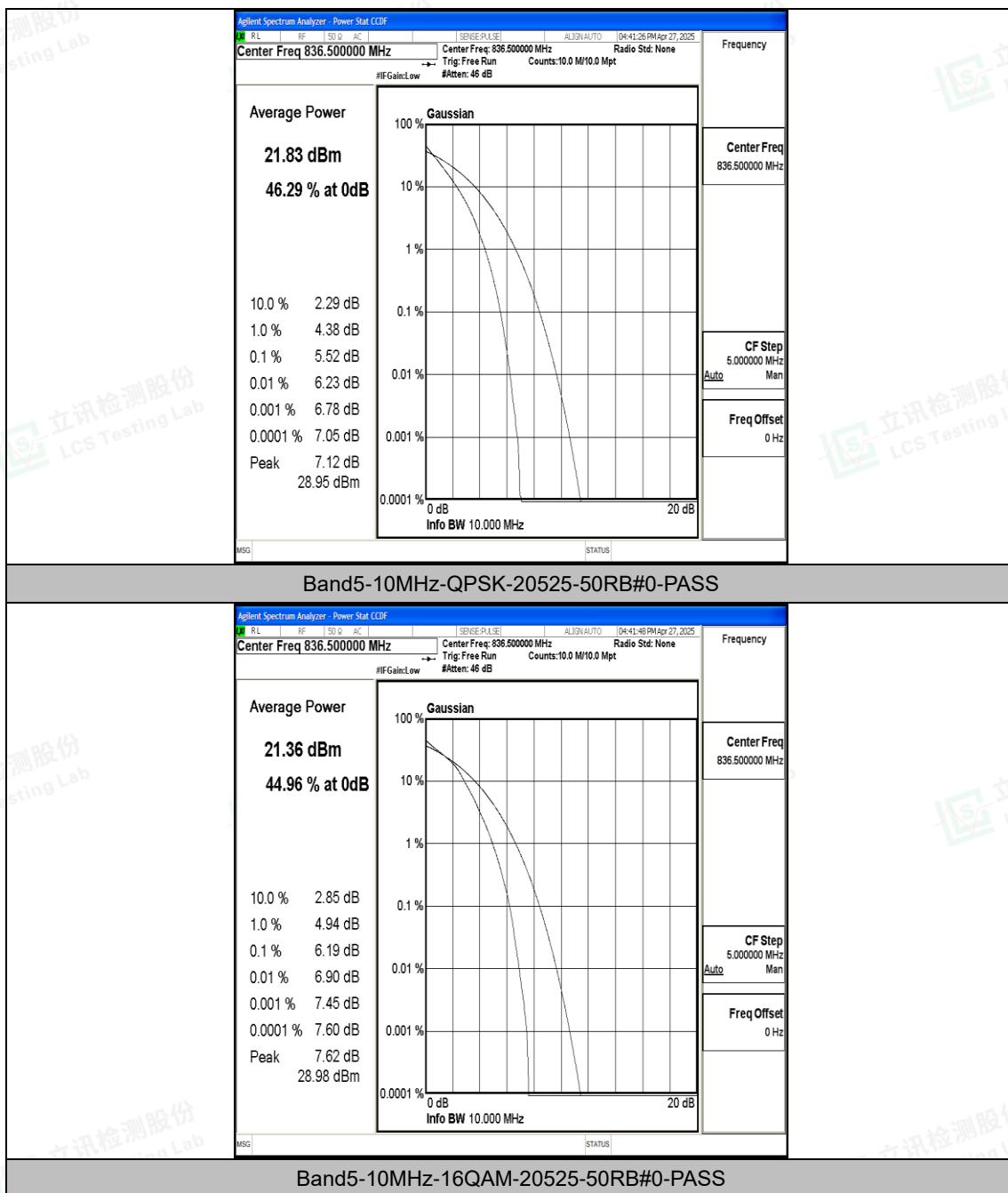


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

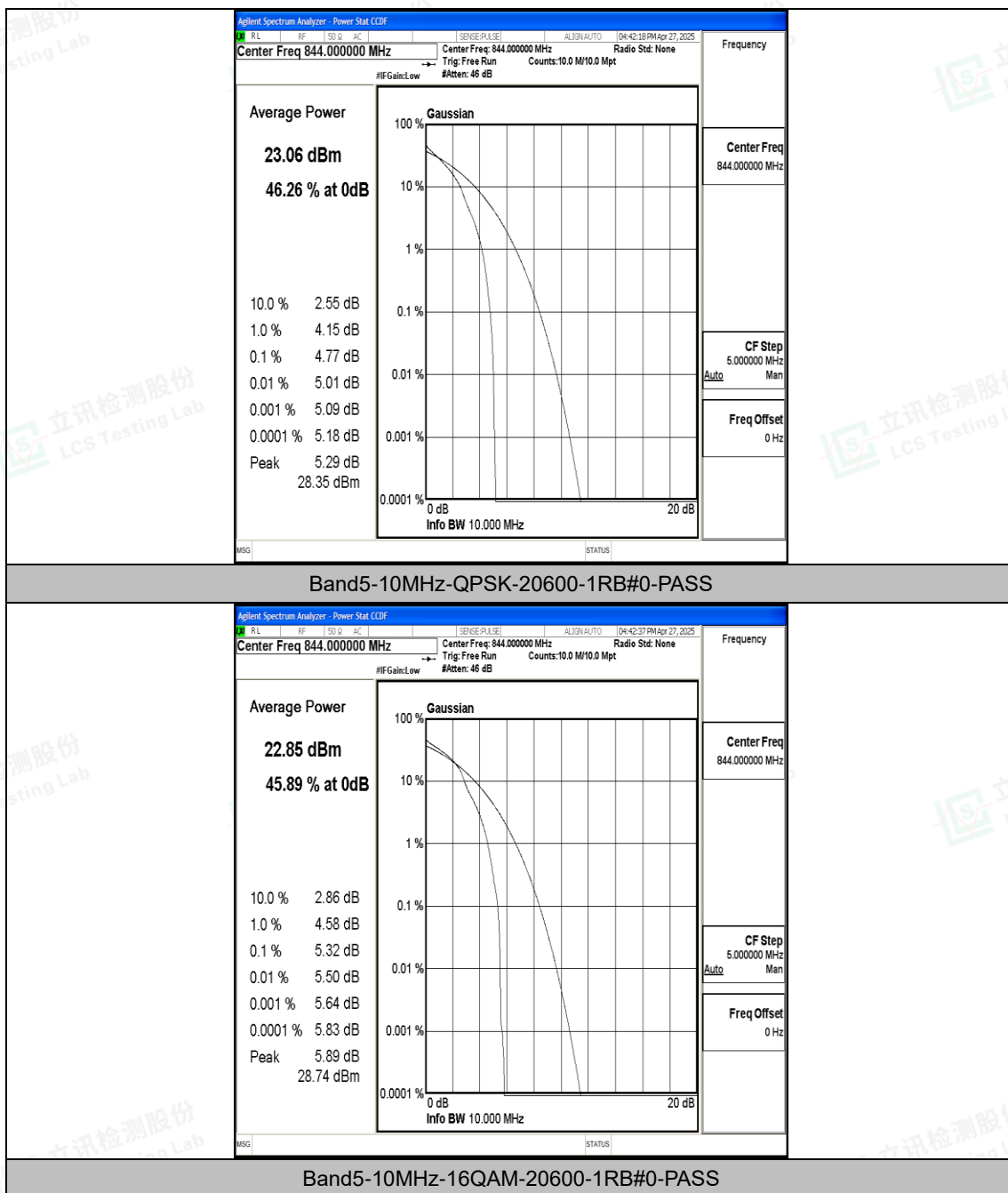


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

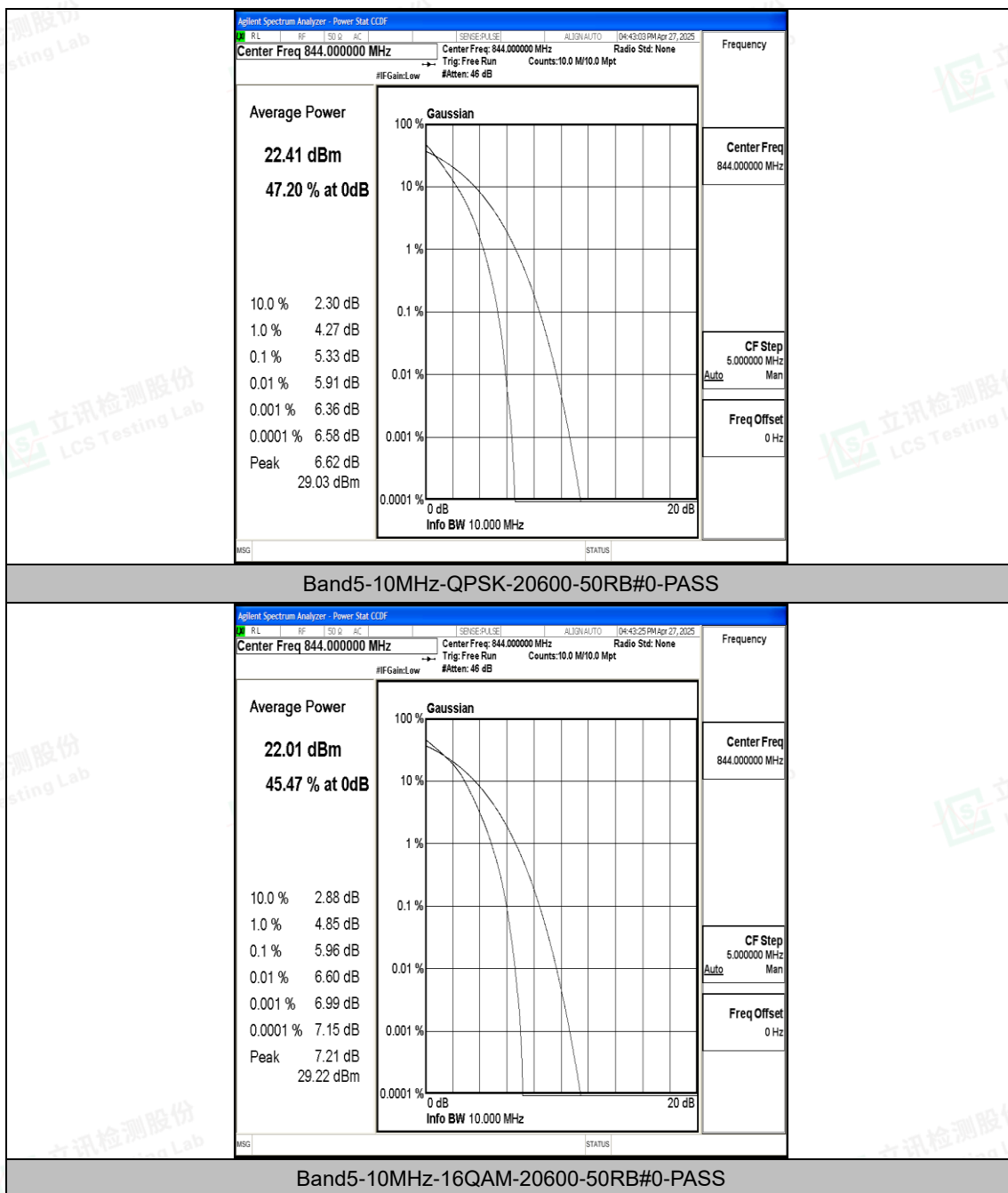


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

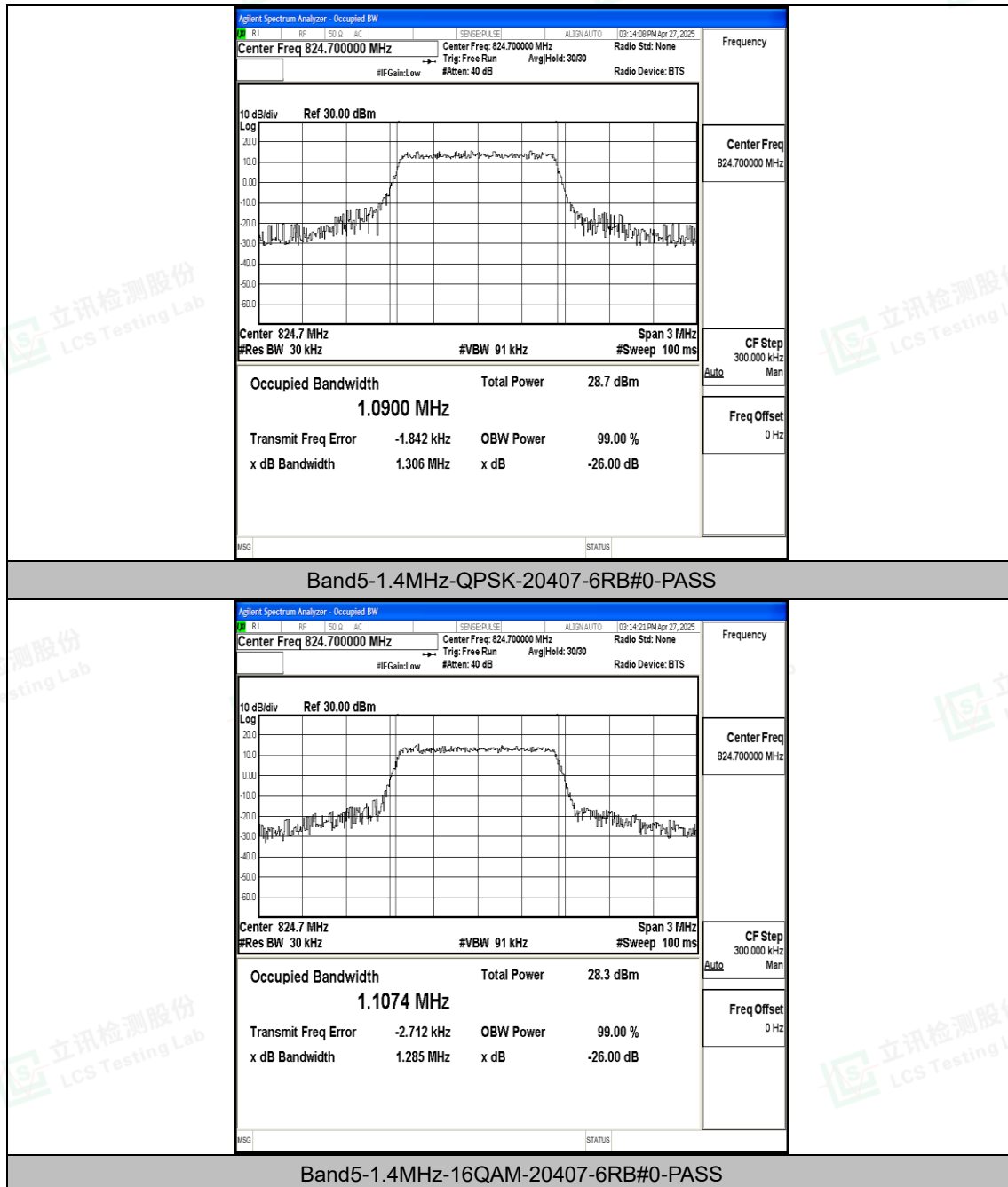
Test Result

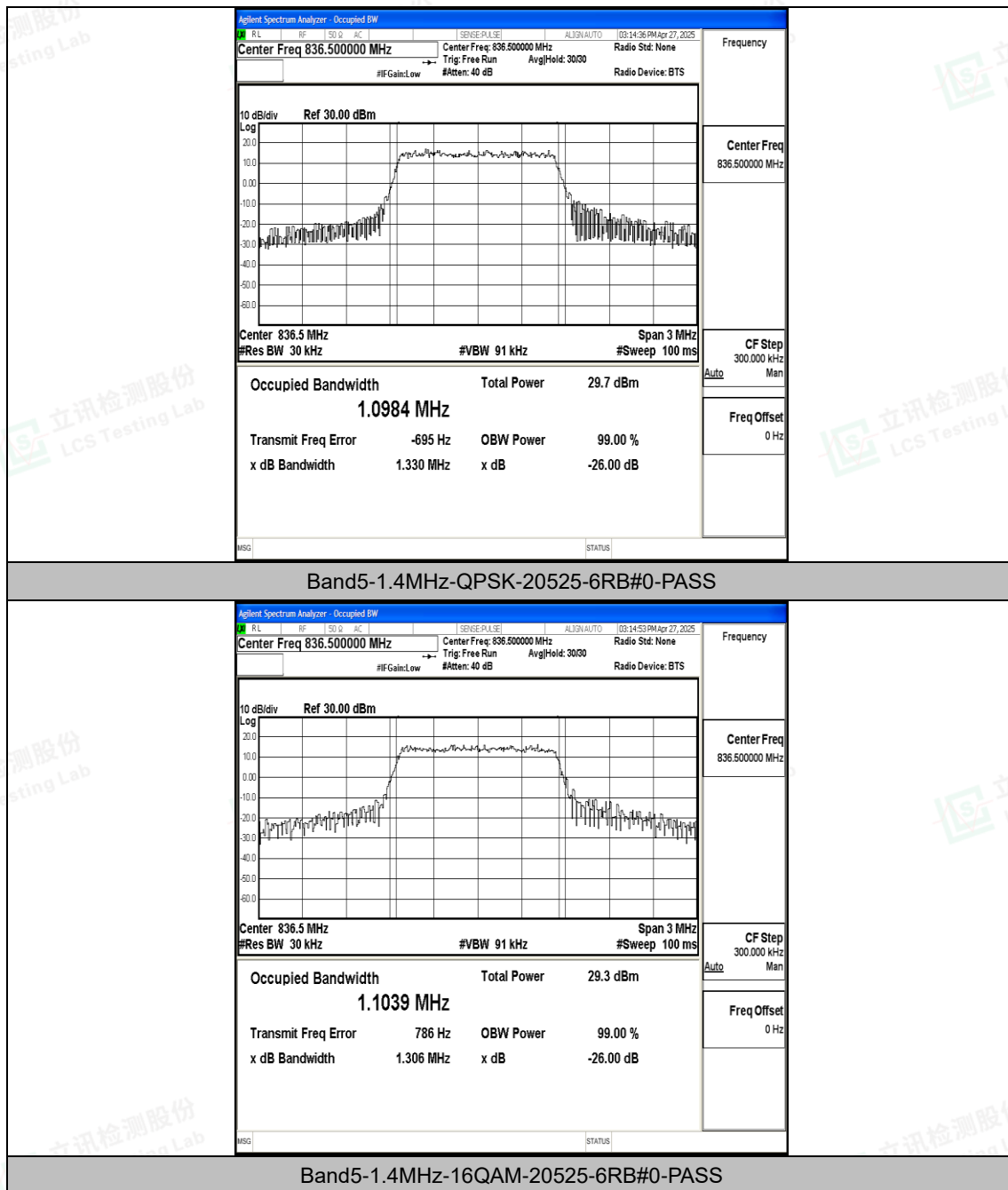
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0900	1.306	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1074	1.285	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0984	1.330	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1039	1.306	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.1010	1.282	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0959	1.354	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7728	3.437	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7606	3.219	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7553	3.522	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7600	3.559	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7712	3.311	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7680	3.417	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5260	5.182	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5178	5.274	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5076	5.371	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5292	5.373	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5275	5.258	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5436	5.303	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9780	9.895	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9898	9.899	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0108	10.09	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.0215	10.52	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9548	10.02	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9665	10.09	PASS





Test Graphs



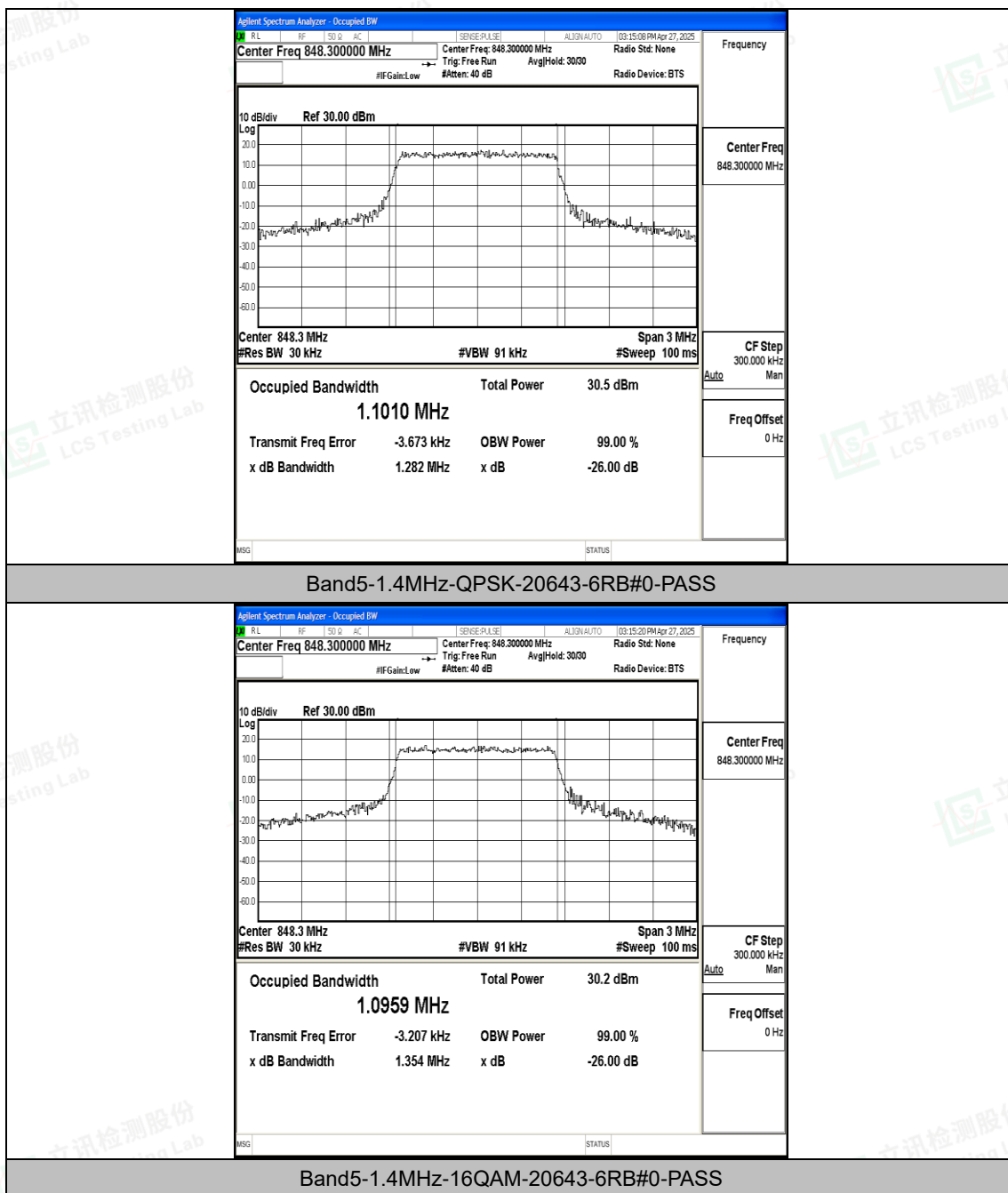


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

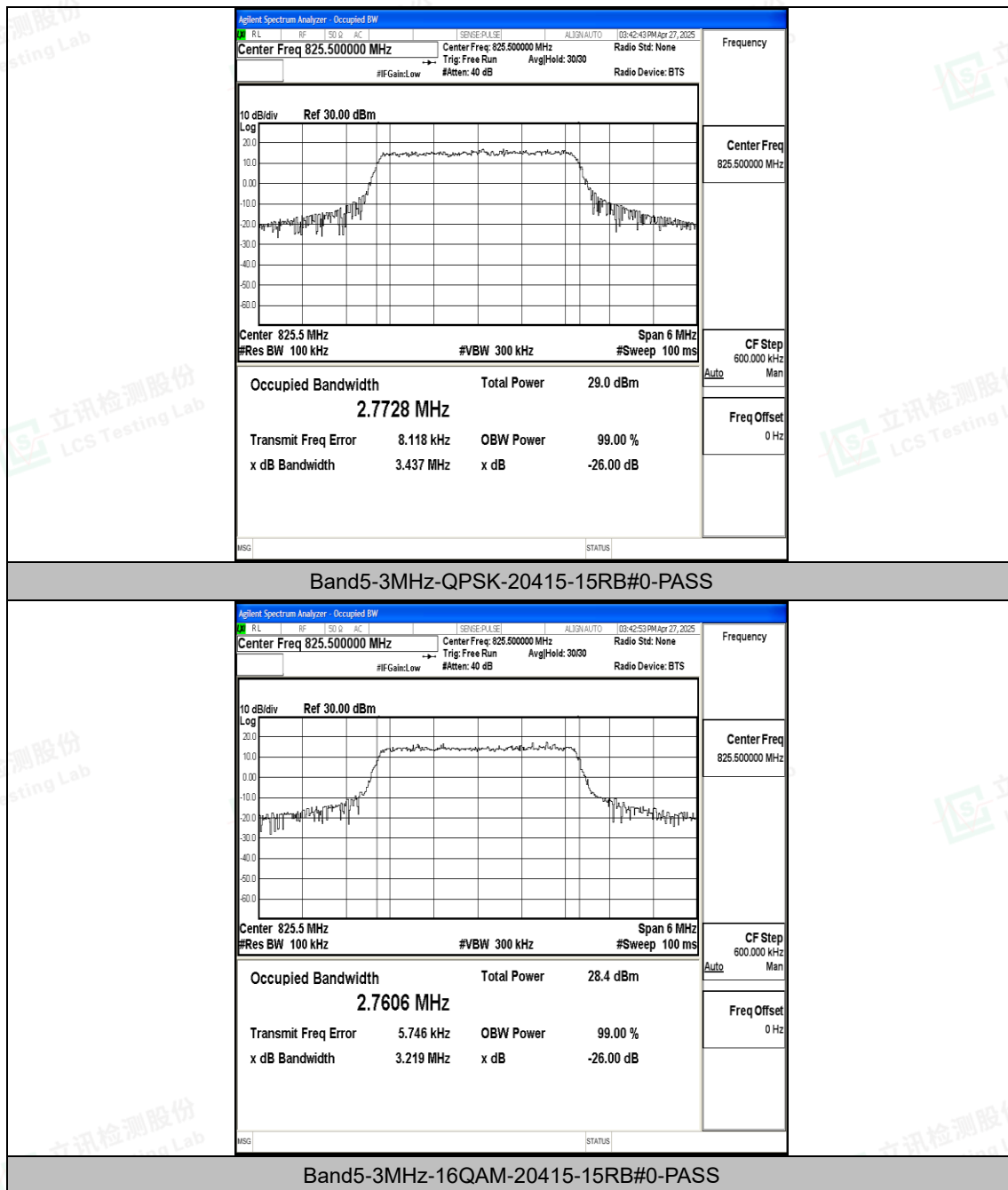


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

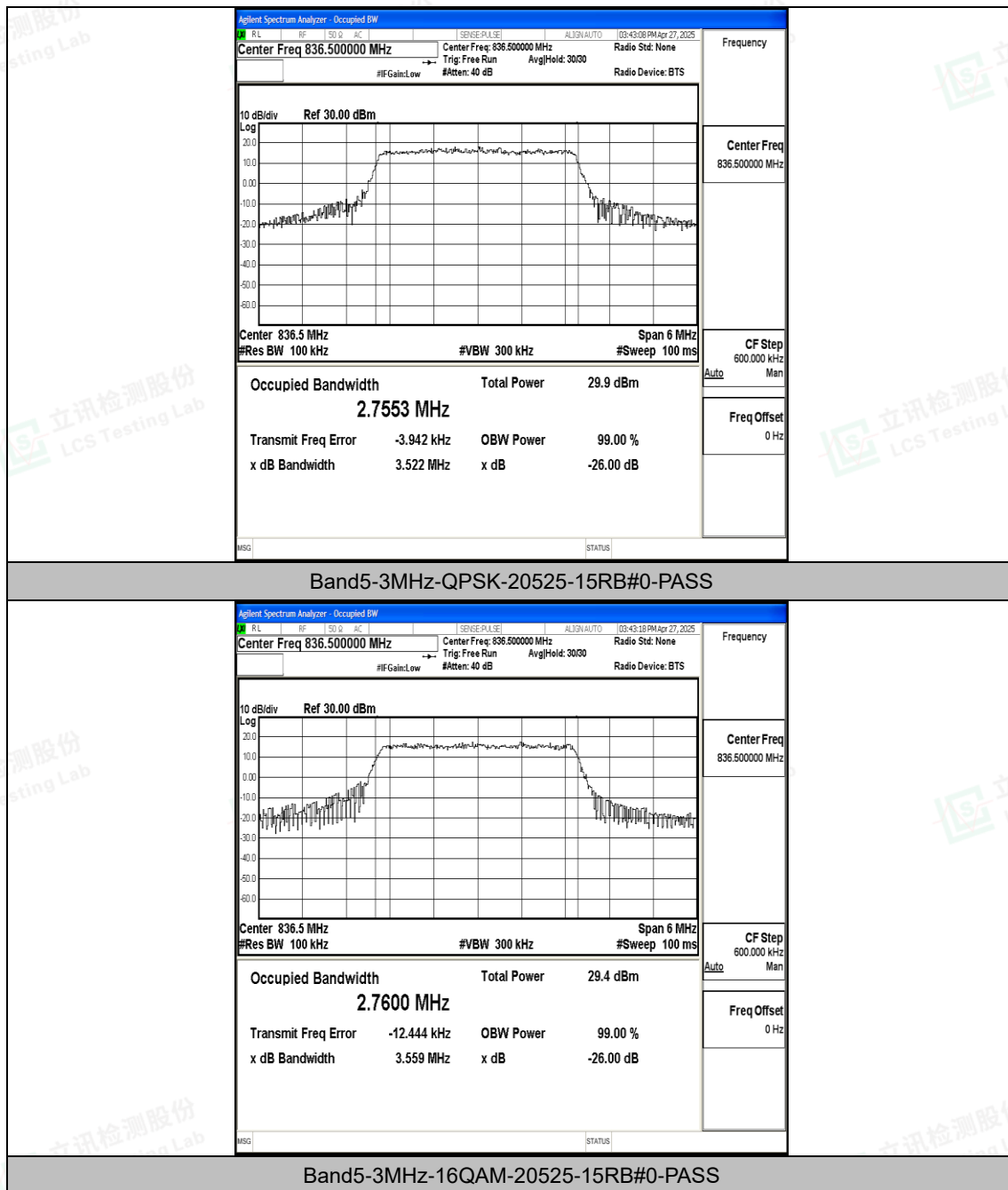


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

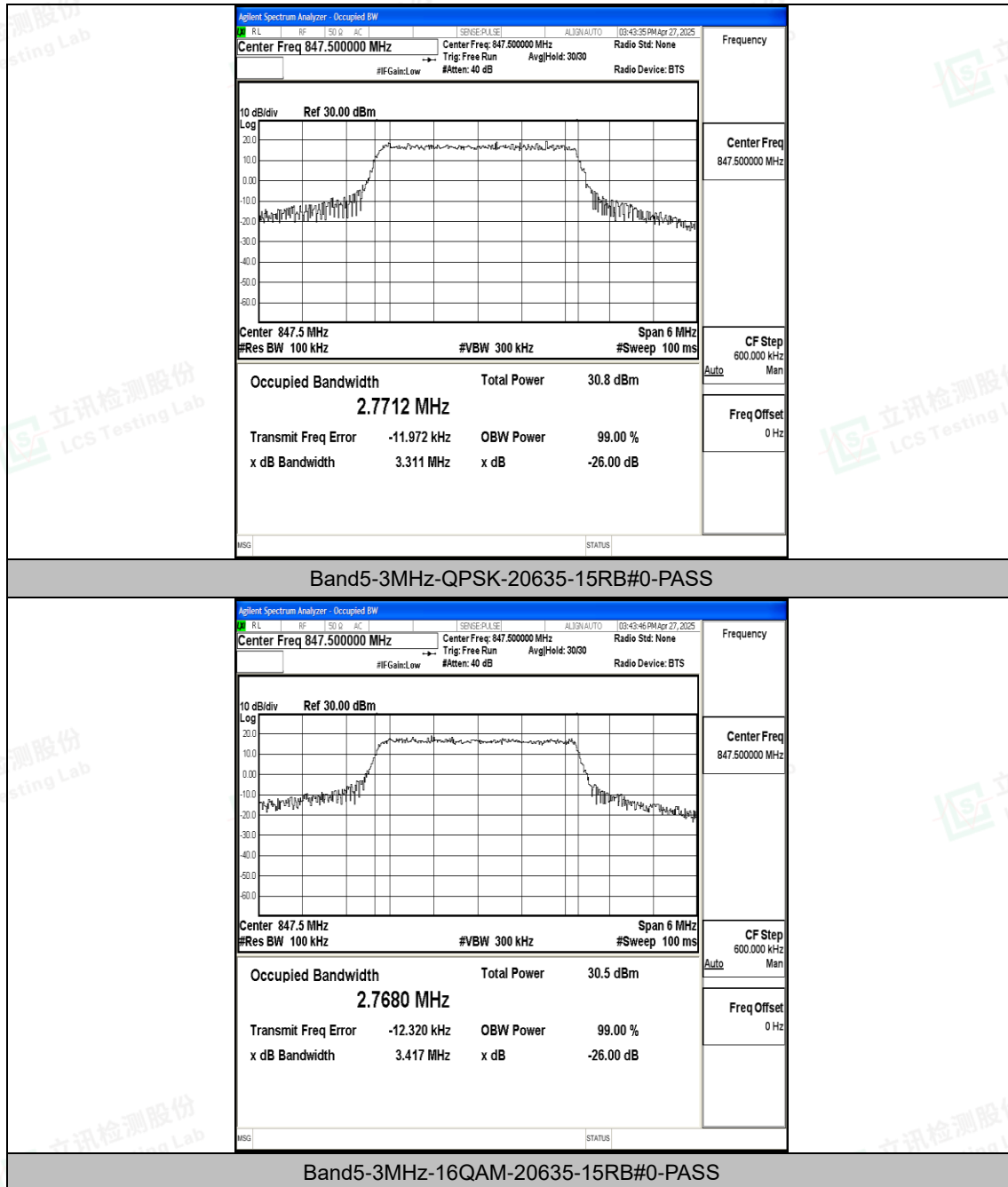


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

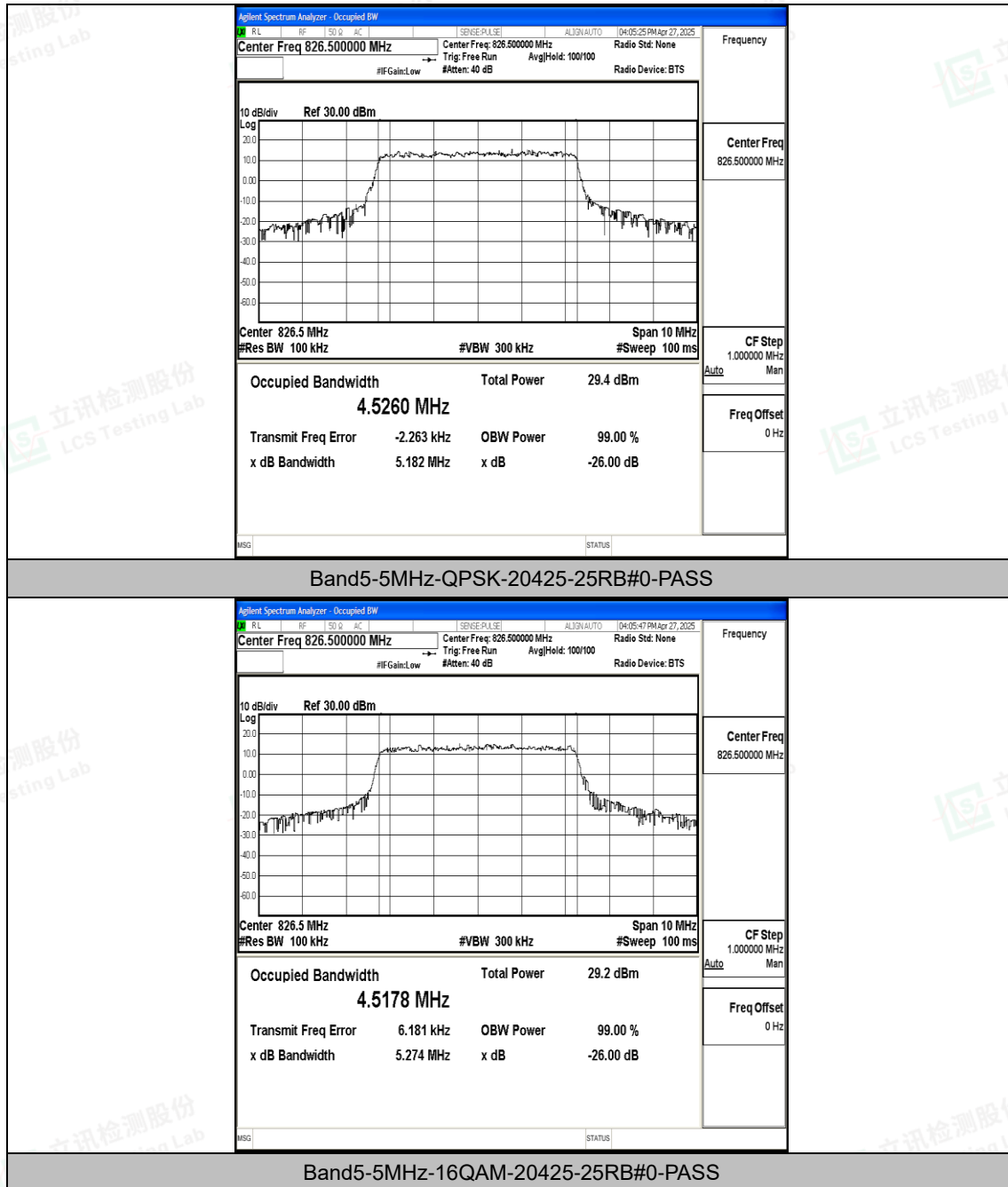


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

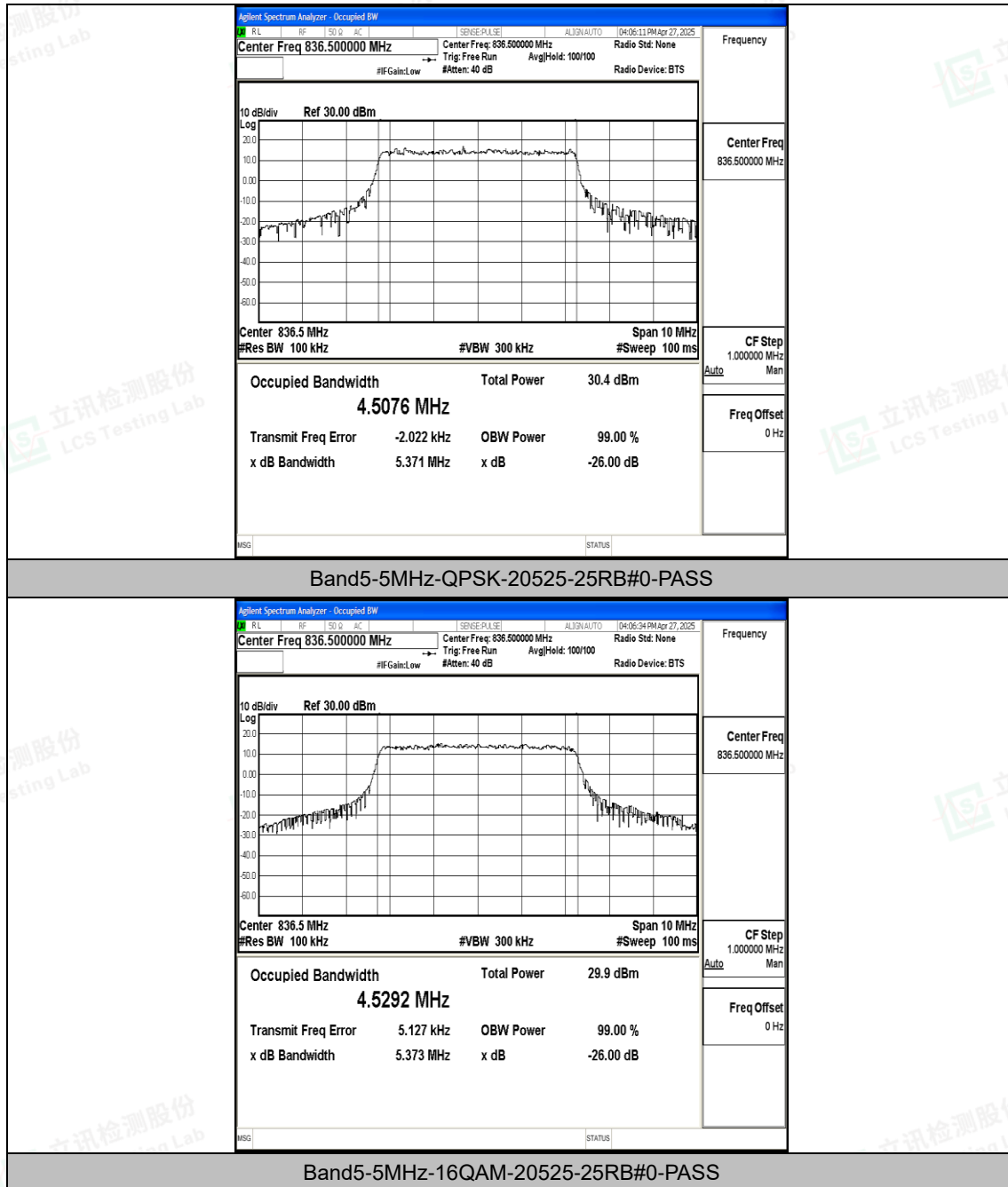


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

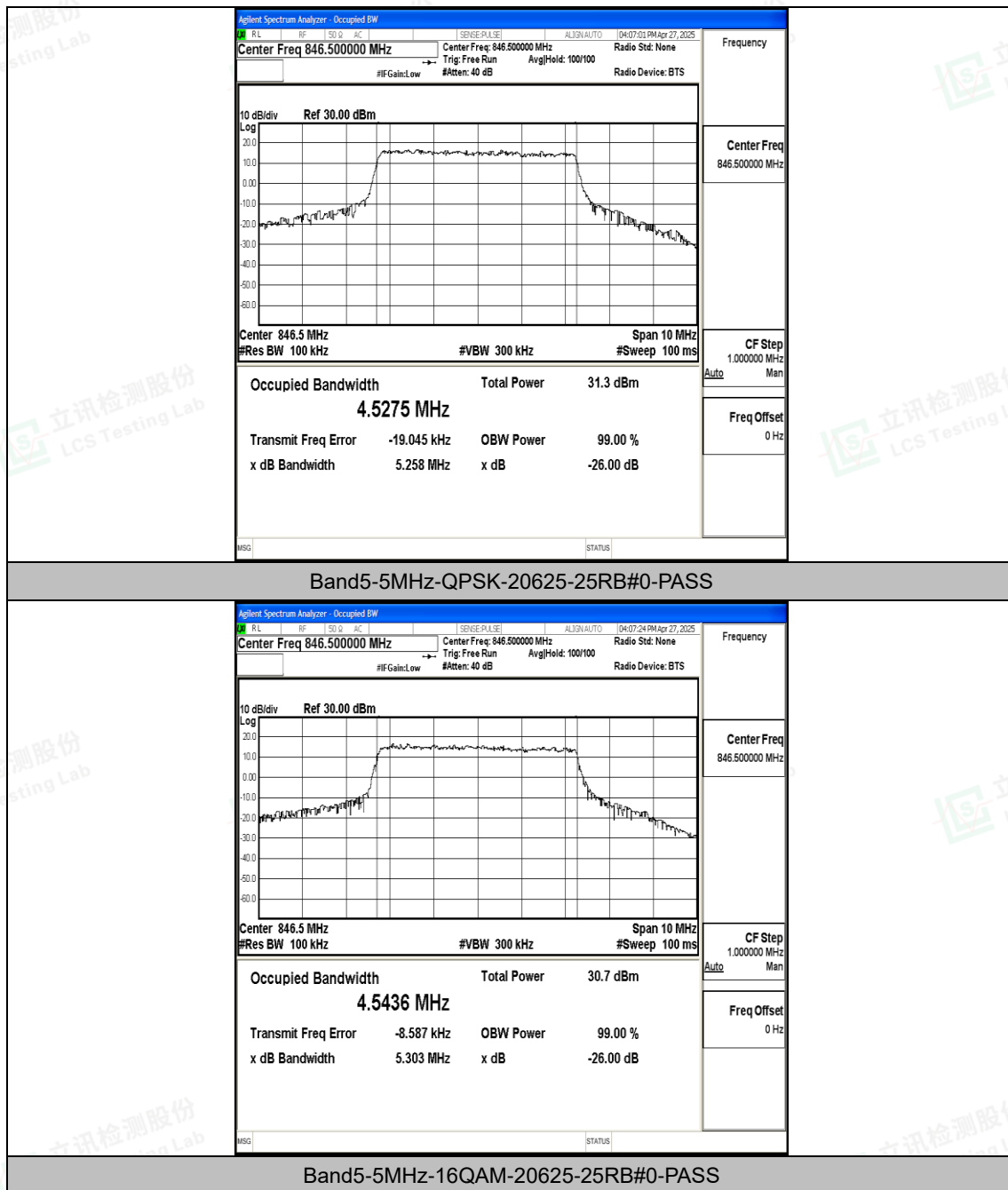


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

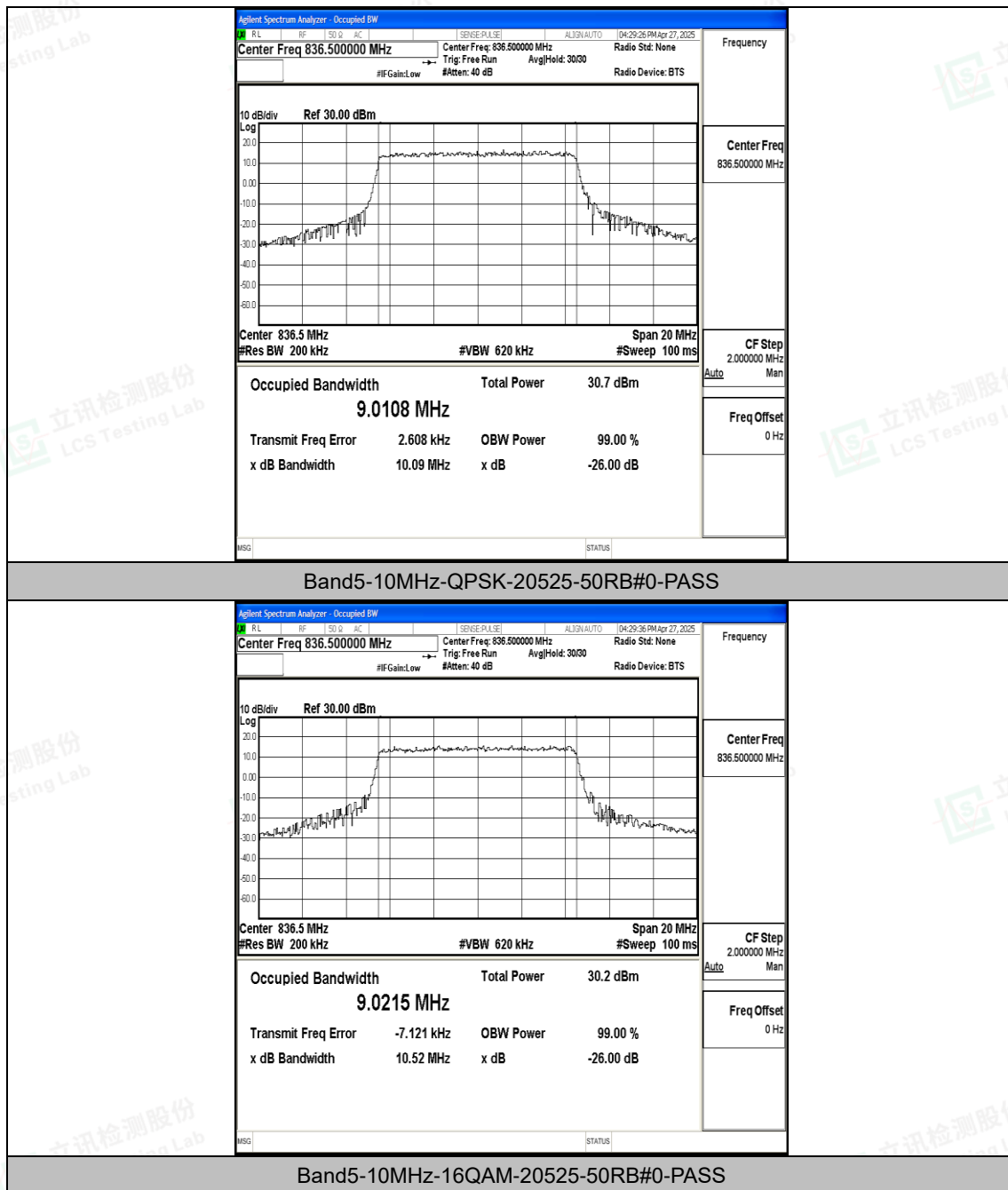


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

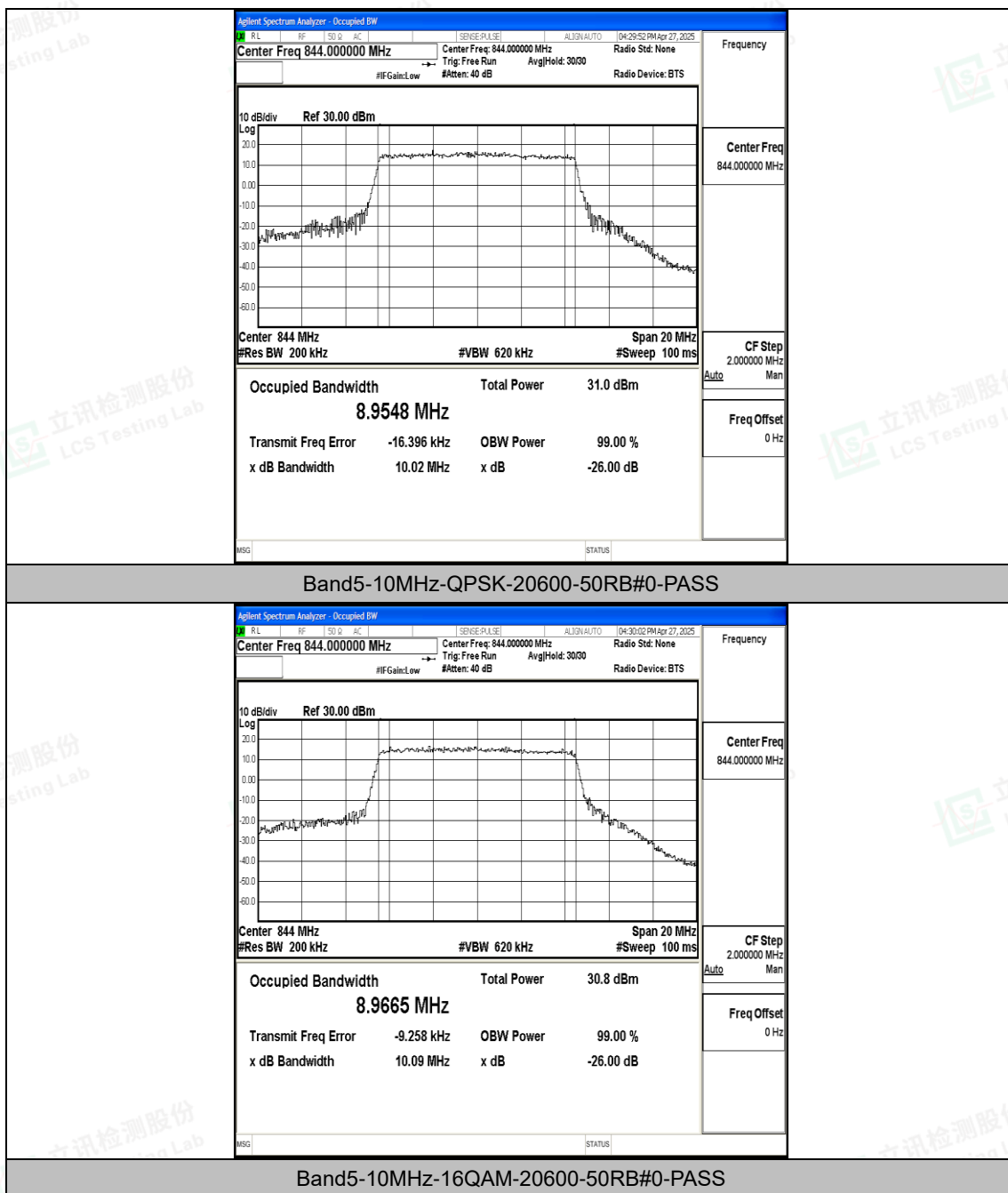


Shenzhen LCS Compliance Testing Laboratory Ltd.

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