



Appendix N: Test Data for E-UTRA Band 66

Product Name: Global Powerbank WiFi

Test Model: P1

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Can Kun
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



N.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	25.66	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	25.37	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	25.66	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	25.36	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	25.69	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	25.40	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	25.80	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	24.57	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	25.88	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	24.61	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	25.82	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	24.57	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	24.86	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	23.91	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	25.42	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	24.65	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	25.43	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	24.62	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	25.45	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	24.66	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	25.61	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	24.32	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	25.61	PASS
Band66	1.4MHz	16QAM	132322	3RB#1	24.34	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	25.55	PASS
Band66	1.4MHz	16QAM	132322	3RB#3	24.22	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	24.60	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	23.86	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	25.59	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	24.55	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	25.59	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	24.58	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	25.61	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	24.62	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



Band66	1.4MHz	QPSK	132665	3RB#0	25.66	PASS
Band66	1.4MHz	16QAM	132665	3RB#0	24.71	PASS
Band66	1.4MHz	QPSK	132665	3RB#1	25.65	PASS
Band66	1.4MHz	16QAM	132665	3RB#1	24.80	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	25.66	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	24.74	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	24.73	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	23.93	PASS
Band66	3MHz	QPSK	131987	1RB#0	25.71	PASS
Band66	3MHz	16QAM	131987	1RB#0	24.51	PASS
Band66	3MHz	QPSK	131987	1RB#8	25.74	PASS
Band66	3MHz	16QAM	131987	1RB#8	24.57	PASS
Band66	3MHz	QPSK	131987	1RB#14	25.72	PASS
Band66	3MHz	16QAM	131987	1RB#14	24.52	PASS
Band66	3MHz	QPSK	131987	8RB#0	24.66	PASS
Band66	3MHz	16QAM	131987	8RB#0	24.05	PASS
Band66	3MHz	QPSK	131987	8RB#4	24.94	PASS
Band66	3MHz	16QAM	131987	8RB#4	24.03	PASS
Band66	3MHz	QPSK	131987	8RB#7	24.87	PASS
Band66	3MHz	16QAM	131987	8RB#7	24.02	PASS
Band66	3MHz	QPSK	131987	15RB#0	24.80	PASS
Band66	3MHz	16QAM	131987	15RB#0	23.90	PASS
Band66	3MHz	QPSK	132322	1RB#0	25.59	PASS
Band66	3MHz	16QAM	132322	1RB#0	24.19	PASS
Band66	3MHz	QPSK	132322	1RB#8	25.59	PASS
Band66	3MHz	16QAM	132322	1RB#8	24.21	PASS
Band66	3MHz	QPSK	132322	1RB#14	25.57	PASS
Band66	3MHz	16QAM	132322	1RB#14	24.19	PASS
Band66	3MHz	QPSK	132322	8RB#0	24.50	PASS
Band66	3MHz	16QAM	132322	8RB#0	23.99	PASS
Band66	3MHz	QPSK	132322	8RB#4	24.63	PASS
Band66	3MHz	16QAM	132322	8RB#4	23.98	PASS
Band66	3MHz	QPSK	132322	8RB#7	24.59	PASS
Band66	3MHz	16QAM	132322	8RB#7	23.96	PASS
Band66	3MHz	QPSK	132322	15RB#0	24.58	PASS
Band66	3MHz	16QAM	132322	15RB#0	23.60	PASS
Band66	3MHz	QPSK	132657	1RB#0	25.56	PASS
Band66	3MHz	16QAM	132657	1RB#0	24.43	PASS
Band66	3MHz	QPSK	132657	1RB#8	25.63	PASS
Band66	3MHz	16QAM	132657	1RB#8	24.50	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



Band66	3MHz	QPSK	132657	1RB#14	25.58	PASS
Band66	3MHz	16QAM	132657	1RB#14	24.49	PASS
Band66	3MHz	QPSK	132657	8RB#0	24.67	PASS
Band66	3MHz	16QAM	132657	8RB#0	23.93	PASS
Band66	3MHz	QPSK	132657	8RB#4	24.73	PASS
Band66	3MHz	16QAM	132657	8RB#4	23.94	PASS
Band66	3MHz	QPSK	132657	8RB#7	24.62	PASS
Band66	3MHz	16QAM	132657	8RB#7	23.90	PASS
Band66	3MHz	QPSK	132657	15RB#0	24.64	PASS
Band66	3MHz	16QAM	132657	15RB#0	23.89	PASS
Band66	5MHz	QPSK	131997	1RB#0	25.74	PASS
Band66	5MHz	16QAM	131997	1RB#0	24.06	PASS
Band66	5MHz	QPSK	131997	1RB#12	25.76	PASS
Band66	5MHz	16QAM	131997	1RB#12	24.17	PASS
Band66	5MHz	QPSK	131997	1RB#24	25.83	PASS
Band66	5MHz	16QAM	131997	1RB#24	24.15	PASS
Band66	5MHz	QPSK	131997	12RB#0	24.76	PASS
Band66	5MHz	16QAM	131997	12RB#0	23.89	PASS
Band66	5MHz	QPSK	131997	12RB#6	24.75	PASS
Band66	5MHz	16QAM	131997	12RB#6	23.90	PASS
Band66	5MHz	QPSK	131997	12RB#13	24.83	PASS
Band66	5MHz	16QAM	131997	12RB#13	23.85	PASS
Band66	5MHz	QPSK	131997	25RB#0	24.78	PASS
Band66	5MHz	16QAM	131997	25RB#0	23.91	PASS
Band66	5MHz	QPSK	132322	1RB#0	25.44	PASS
Band66	5MHz	16QAM	132322	1RB#0	24.59	PASS
Band66	5MHz	QPSK	132322	1RB#12	25.40	PASS
Band66	5MHz	16QAM	132322	1RB#12	24.48	PASS
Band66	5MHz	QPSK	132322	1RB#24	25.38	PASS
Band66	5MHz	16QAM	132322	1RB#24	24.62	PASS
Band66	5MHz	QPSK	132322	12RB#0	24.53	PASS
Band66	5MHz	16QAM	132322	12RB#0	23.76	PASS
Band66	5MHz	QPSK	132322	12RB#6	24.59	PASS
Band66	5MHz	16QAM	132322	12RB#6	23.80	PASS
Band66	5MHz	QPSK	132322	12RB#13	24.53	PASS
Band66	5MHz	16QAM	132322	12RB#13	23.77	PASS
Band66	5MHz	QPSK	132322	25RB#0	24.51	PASS
Band66	5MHz	16QAM	132322	25RB#0	23.76	PASS
Band66	5MHz	QPSK	132647	1RB#0	25.58	PASS
Band66	5MHz	16QAM	132647	1RB#0	24.15	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



Band66	5MHz	QPSK	132647	1RB#12	25.61	PASS
Band66	5MHz	16QAM	132647	1RB#12	24.03	PASS
Band66	5MHz	QPSK	132647	1RB#24	25.58	PASS
Band66	5MHz	16QAM	132647	1RB#24	24.12	PASS
Band66	5MHz	QPSK	132647	12RB#0	24.63	PASS
Band66	5MHz	16QAM	132647	12RB#0	23.79	PASS
Band66	5MHz	QPSK	132647	12RB#6	24.69	PASS
Band66	5MHz	16QAM	132647	12RB#6	23.83	PASS
Band66	5MHz	QPSK	132647	12RB#13	24.66	PASS
Band66	5MHz	16QAM	132647	12RB#13	23.80	PASS
Band66	5MHz	QPSK	132647	25RB#0	24.64	PASS
Band66	5MHz	16QAM	132647	25RB#0	23.87	PASS
Band66	10MHz	QPSK	132022	1RB#0	25.73	PASS
Band66	10MHz	16QAM	132022	1RB#0	24.90	PASS
Band66	10MHz	QPSK	132022	1RB#24	25.70	PASS
Band66	10MHz	16QAM	132022	1RB#24	24.92	PASS
Band66	10MHz	QPSK	132022	1RB#49	25.70	PASS
Band66	10MHz	16QAM	132022	1RB#49	24.81	PASS
Band66	10MHz	QPSK	132022	25RB#0	24.77	PASS
Band66	10MHz	16QAM	132022	25RB#0	23.92	PASS
Band66	10MHz	QPSK	132022	25RB#12	24.87	PASS
Band66	10MHz	16QAM	132022	25RB#12	23.92	PASS
Band66	10MHz	QPSK	132022	25RB#25	24.84	PASS
Band66	10MHz	16QAM	132022	25RB#25	23.94	PASS
Band66	10MHz	QPSK	132022	50RB#0	24.79	PASS
Band66	10MHz	16QAM	132022	50RB#0	23.97	PASS
Band66	10MHz	QPSK	132322	1RB#0	25.75	PASS
Band66	10MHz	16QAM	132322	1RB#0	24.49	PASS
Band66	10MHz	QPSK	132322	1RB#24	25.73	PASS
Band66	10MHz	16QAM	132322	1RB#24	24.49	PASS
Band66	10MHz	QPSK	132322	1RB#49	25.71	PASS
Band66	10MHz	16QAM	132322	1RB#49	24.46	PASS
Band66	10MHz	QPSK	132322	25RB#0	24.62	PASS
Band66	10MHz	16QAM	132322	25RB#0	23.81	PASS
Band66	10MHz	QPSK	132322	25RB#12	24.67	PASS
Band66	10MHz	16QAM	132322	25RB#12	23.83	PASS
Band66	10MHz	QPSK	132322	25RB#25	24.64	PASS
Band66	10MHz	16QAM	132322	25RB#25	23.82	PASS
Band66	10MHz	QPSK	132322	50RB#0	24.66	PASS
Band66	10MHz	16QAM	132322	50RB#0	23.82	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



Band66	10MHz	QPSK	132622	1RB#0	25.65	PASS
Band66	10MHz	16QAM	132622	1RB#0	24.83	PASS
Band66	10MHz	QPSK	132622	1RB#24	25.60	PASS
Band66	10MHz	16QAM	132622	1RB#24	24.79	PASS
Band66	10MHz	QPSK	132622	1RB#49	25.52	PASS
Band66	10MHz	16QAM	132622	1RB#49	24.70	PASS
Band66	10MHz	QPSK	132622	25RB#0	24.71	PASS
Band66	10MHz	16QAM	132622	25RB#0	23.80	PASS
Band66	10MHz	QPSK	132622	25RB#12	24.68	PASS
Band66	10MHz	16QAM	132622	25RB#12	23.84	PASS
Band66	10MHz	QPSK	132622	25RB#25	24.62	PASS
Band66	10MHz	16QAM	132622	25RB#25	23.79	PASS
Band66	10MHz	QPSK	132622	50RB#0	24.70	PASS
Band66	10MHz	16QAM	132622	50RB#0	23.86	PASS
Band66	15MHz	QPSK	132047	1RB#0	25.66	PASS
Band66	15MHz	16QAM	132047	1RB#0	24.86	PASS
Band66	15MHz	QPSK	132047	1RB#38	25.67	PASS
Band66	15MHz	16QAM	132047	1RB#38	24.81	PASS
Band66	15MHz	QPSK	132047	1RB#74	25.70	PASS
Band66	15MHz	16QAM	132047	1RB#74	24.84	PASS
Band66	15MHz	QPSK	132047	38RB#0	24.80	PASS
Band66	15MHz	16QAM	132047	38RB#0	24.83	PASS
Band66	15MHz	QPSK	132047	38RB#18	24.83	PASS
Band66	15MHz	16QAM	132047	38RB#18	24.84	PASS
Band66	15MHz	QPSK	132047	38RB#37	24.84	PASS
Band66	15MHz	16QAM	132047	38RB#37	24.84	PASS
Band66	15MHz	QPSK	132047	75RB#0	24.85	PASS
Band66	15MHz	16QAM	132047	75RB#0	23.88	PASS
Band66	15MHz	QPSK	132322	1RB#0	25.38	PASS
Band66	15MHz	16QAM	132322	1RB#0	24.68	PASS
Band66	15MHz	QPSK	132322	1RB#38	25.33	PASS
Band66	15MHz	16QAM	132322	1RB#38	24.59	PASS
Band66	15MHz	QPSK	132322	1RB#74	25.34	PASS
Band66	15MHz	16QAM	132322	1RB#74	24.55	PASS
Band66	15MHz	QPSK	132322	38RB#0	24.60	PASS
Band66	15MHz	16QAM	132322	38RB#0	24.61	PASS
Band66	15MHz	QPSK	132322	38RB#18	24.61	PASS
Band66	15MHz	16QAM	132322	38RB#18	24.61	PASS
Band66	15MHz	QPSK	132322	38RB#37	24.62	PASS
Band66	15MHz	16QAM	132322	38RB#37	24.62	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



Band66	15MHz	QPSK	132322	75RB#0	24.62	PASS
Band66	15MHz	16QAM	132322	75RB#0	23.79	PASS
Band66	15MHz	QPSK	132597	1RB#0	25.65	PASS
Band66	15MHz	16QAM	132597	1RB#0	24.87	PASS
Band66	15MHz	QPSK	132597	1RB#38	25.67	PASS
Band66	15MHz	16QAM	132597	1RB#38	24.77	PASS
Band66	15MHz	QPSK	132597	1RB#74	25.54	PASS
Band66	15MHz	16QAM	132597	1RB#74	24.76	PASS
Band66	15MHz	QPSK	132597	38RB#0	24.66	PASS
Band66	15MHz	16QAM	132597	38RB#0	24.64	PASS
Band66	15MHz	QPSK	132597	38RB#18	24.65	PASS
Band66	15MHz	16QAM	132597	38RB#18	24.63	PASS
Band66	15MHz	QPSK	132597	38RB#37	24.64	PASS
Band66	15MHz	16QAM	132597	38RB#37	24.64	PASS
Band66	15MHz	QPSK	132597	75RB#0	24.63	PASS
Band66	15MHz	16QAM	132597	75RB#0	23.77	PASS
Band66	20MHz	QPSK	132072	1RB#0	25.73	PASS
Band66	20MHz	16QAM	132072	1RB#0	24.42	PASS
Band66	20MHz	QPSK	132072	1RB#49	25.73	PASS
Band66	20MHz	16QAM	132072	1RB#49	24.43	PASS
Band66	20MHz	QPSK	132072	1RB#99	25.71	PASS
Band66	20MHz	16QAM	132072	1RB#99	24.34	PASS
Band66	20MHz	QPSK	132072	50RB#0	24.82	PASS
Band66	20MHz	16QAM	132072	50RB#0	24.06	PASS
Band66	20MHz	QPSK	132072	50RB#25	24.80	PASS
Band66	20MHz	16QAM	132072	50RB#25	24.06	PASS
Band66	20MHz	QPSK	132072	50RB#50	24.84	PASS
Band66	20MHz	16QAM	132072	50RB#50	23.95	PASS
Band66	20MHz	QPSK	132072	100RB#0	24.82	PASS
Band66	20MHz	16QAM	132072	100RB#0	23.92	PASS
Band66	20MHz	QPSK	132322	1RB#0	25.62	PASS
Band66	20MHz	16QAM	132322	1RB#0	25.03	PASS
Band66	20MHz	QPSK	132322	1RB#49	25.61	PASS
Band66	20MHz	16QAM	132322	1RB#49	24.92	PASS
Band66	20MHz	QPSK	132322	1RB#99	25.63	PASS
Band66	20MHz	16QAM	132322	1RB#99	24.85	PASS
Band66	20MHz	QPSK	132322	50RB#0	24.64	PASS
Band66	20MHz	16QAM	132322	50RB#0	23.77	PASS
Band66	20MHz	QPSK	132322	50RB#25	24.56	PASS
Band66	20MHz	16QAM	132322	50RB#25	23.78	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



Band66	20MHz	QPSK	132322	50RB#50	24.52	PASS
Band66	20MHz	16QAM	132322	50RB#50	23.77	PASS
Band66	20MHz	QPSK	132322	100RB#0	24.55	PASS
Band66	20MHz	16QAM	132322	100RB#0	23.75	PASS
Band66	20MHz	QPSK	132572	1RB#0	25.78	PASS
Band66	20MHz	16QAM	132572	1RB#0	24.53	PASS
Band66	20MHz	QPSK	132572	1RB#49	25.78	PASS
Band66	20MHz	16QAM	132572	1RB#49	24.51	PASS
Band66	20MHz	QPSK	132572	1RB#99	25.79	PASS
Band66	20MHz	16QAM	132572	1RB#99	24.49	PASS
Band66	20MHz	QPSK	132572	50RB#0	24.57	PASS
Band66	20MHz	16QAM	132572	50RB#0	23.80	PASS
Band66	20MHz	QPSK	132572	50RB#25	24.71	PASS
Band66	20MHz	16QAM	132572	50RB#25	23.81	PASS
Band66	20MHz	QPSK	132572	50RB#50	24.57	PASS
Band66	20MHz	16QAM	132572	50RB#50	23.83	PASS
Band66	20MHz	QPSK	132572	100RB#0	24.63	PASS
Band66	20MHz	16QAM	132572	100RB#0	23.80	PASS





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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	4.34	13	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	5.67	13	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	5.38	13	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	6.12	13	PASS
Band66	3MHz	QPSK	131987	1RB#0	4.49	13	PASS
Band66	3MHz	16QAM	131987	1RB#0	5.56	13	PASS
Band66	3MHz	QPSK	131987	15RB#0	5.45	13	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	3.02	13	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	3.52	13	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	4.34	13	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	5.06	13	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	10.27	13	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	3.41	13	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	4.08	13	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	4.81	13	PASS
Band66	3MHz	16QAM	131987	15RB#0	6.22	13	PASS
Band66	3MHz	QPSK	132322	1RB#0	3.03	13	PASS
Band66	3MHz	16QAM	132322	1RB#0	3.91	13	PASS
Band66	3MHz	QPSK	132322	15RB#0	4.45	13	PASS
Band66	3MHz	16QAM	132322	15RB#0	5.13	13	PASS
Band66	3MHz	QPSK	132657	1RB#0	3.64	13	PASS
Band66	3MHz	16QAM	132657	1RB#0	4.81	13	PASS
Band66	3MHz	QPSK	132657	15RB#0	4.71	13	PASS
Band66	3MHz	16QAM	132657	15RB#0	5.45	13	PASS
Band66	5MHz	QPSK	131997	1RB#0	4.62	13	PASS
Band66	5MHz	16QAM	131997	1RB#0	5.75	13	PASS
Band66	5MHz	QPSK	131997	25RB#0	5.56	13	PASS
Band66	5MHz	16QAM	131997	25RB#0	6.22	13	PASS
Band66	5MHz	QPSK	132322	1RB#0	3.01	13	PASS
Band66	5MHz	16QAM	132322	1RB#0	4.24	13	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.90	13	PASS
Band66	5MHz	16QAM	132322	25RB#0	5.52	13	PASS
Band66	5MHz	QPSK	132647	1RB#0	4.11	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



Band66	5MHz	16QAM	132647	1RB#0	5.35	13	PASS
Band66	5MHz	QPSK	132647	25RB#0	5.14	13	PASS
Band66	5MHz	16QAM	132647	25RB#0	5.82	13	PASS
Band66	10MHz	QPSK	132022	1RB#0	4.61	13	PASS
Band66	10MHz	16QAM	132022	1RB#0	5.44	13	PASS
Band66	10MHz	QPSK	132022	50RB#0	5.60	13	PASS
Band66	10MHz	16QAM	132022	50RB#0	6.27	13	PASS
Band66	10MHz	QPSK	132322	1RB#0	2.91	13	PASS
Band66	10MHz	16QAM	132322	1RB#0	3.92	13	PASS
Band66	10MHz	QPSK	132322	50RB#0	4.94	13	PASS
Band66	10MHz	16QAM	132322	50RB#0	5.65	13	PASS
Band66	10MHz	QPSK	132622	1RB#0	4.60	13	PASS
Band66	10MHz	16QAM	132622	1RB#0	5.49	13	PASS
Band66	10MHz	QPSK	132622	50RB#0	5.29	13	PASS
Band66	10MHz	16QAM	132622	50RB#0	6.02	13	PASS
Band66	15MHz	QPSK	132047	1RB#0	4.65	13	PASS
Band66	15MHz	16QAM	132047	1RB#0	5.45	13	PASS
Band66	15MHz	QPSK	132047	75RB#0	5.84	13	PASS
Band66	15MHz	16QAM	132047	75RB#0	6.31	13	PASS
Band66	15MHz	QPSK	132322	1RB#0	2.91	13	PASS
Band66	15MHz	16QAM	132322	1RB#0	3.96	13	PASS
Band66	15MHz	QPSK	132322	75RB#0	5.19	13	PASS
Band66	15MHz	16QAM	132322	75RB#0	5.78	13	PASS
Band66	15MHz	QPSK	132597	1RB#0	4.85	13	PASS
Band66	15MHz	16QAM	132597	1RB#0	5.68	13	PASS
Band66	15MHz	QPSK	132597	75RB#0	5.60	13	PASS
Band66	15MHz	16QAM	132597	75RB#0	6.14	13	PASS
Band66	20MHz	QPSK	132072	1RB#0	4.51	13	PASS
Band66	20MHz	16QAM	132072	1RB#0	5.54	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	5.42	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.16	13	PASS
Band66	20MHz	QPSK	132322	1RB#0	2.89	13	PASS
Band66	20MHz	16QAM	132322	1RB#0	4.40	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.12	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.80	13	PASS
Band66	20MHz	QPSK	132572	1RB#0	4.44	13	PASS
Band66	20MHz	16QAM	132572	1RB#0	5.49	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.37	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	6.12	13	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

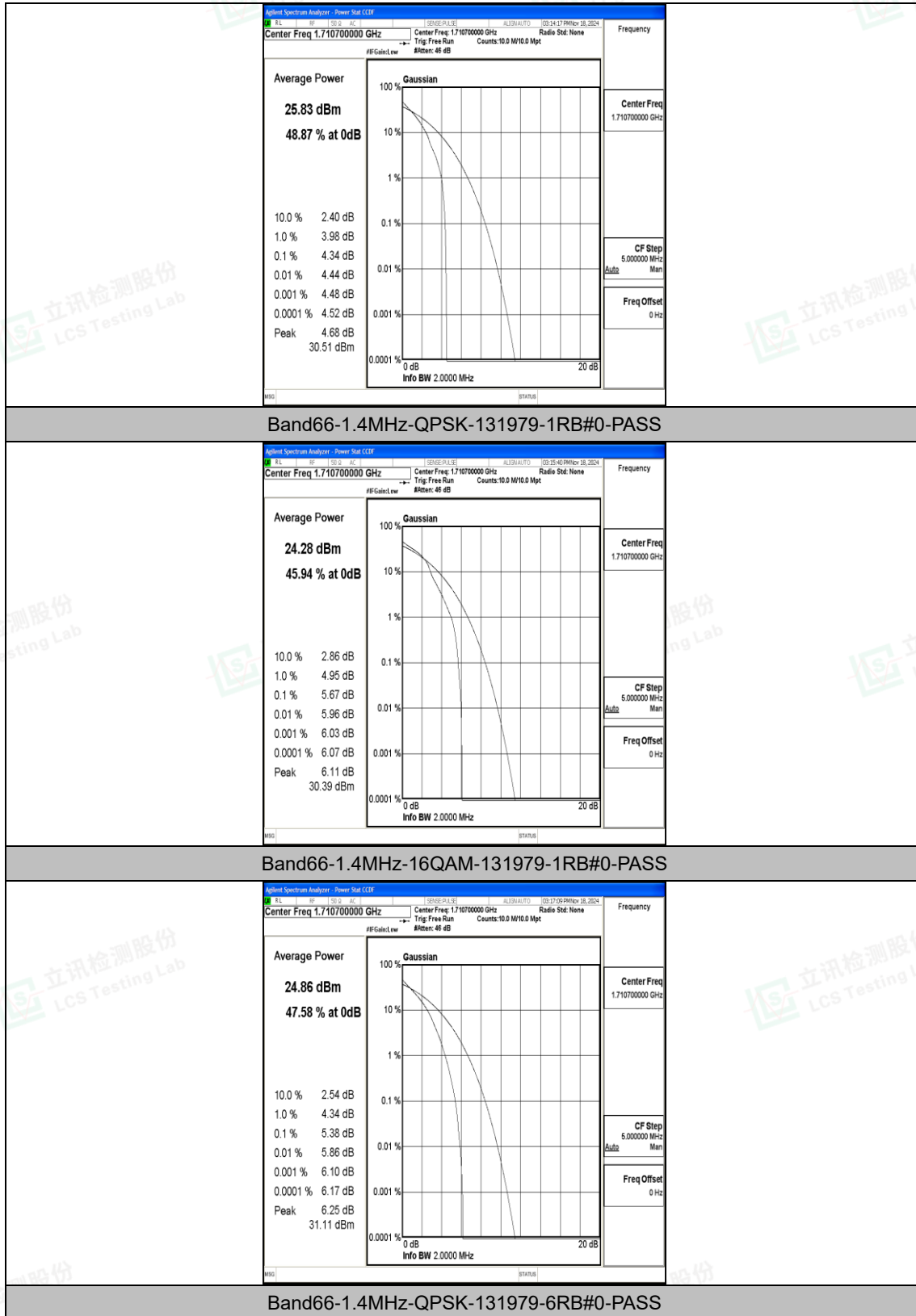
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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.

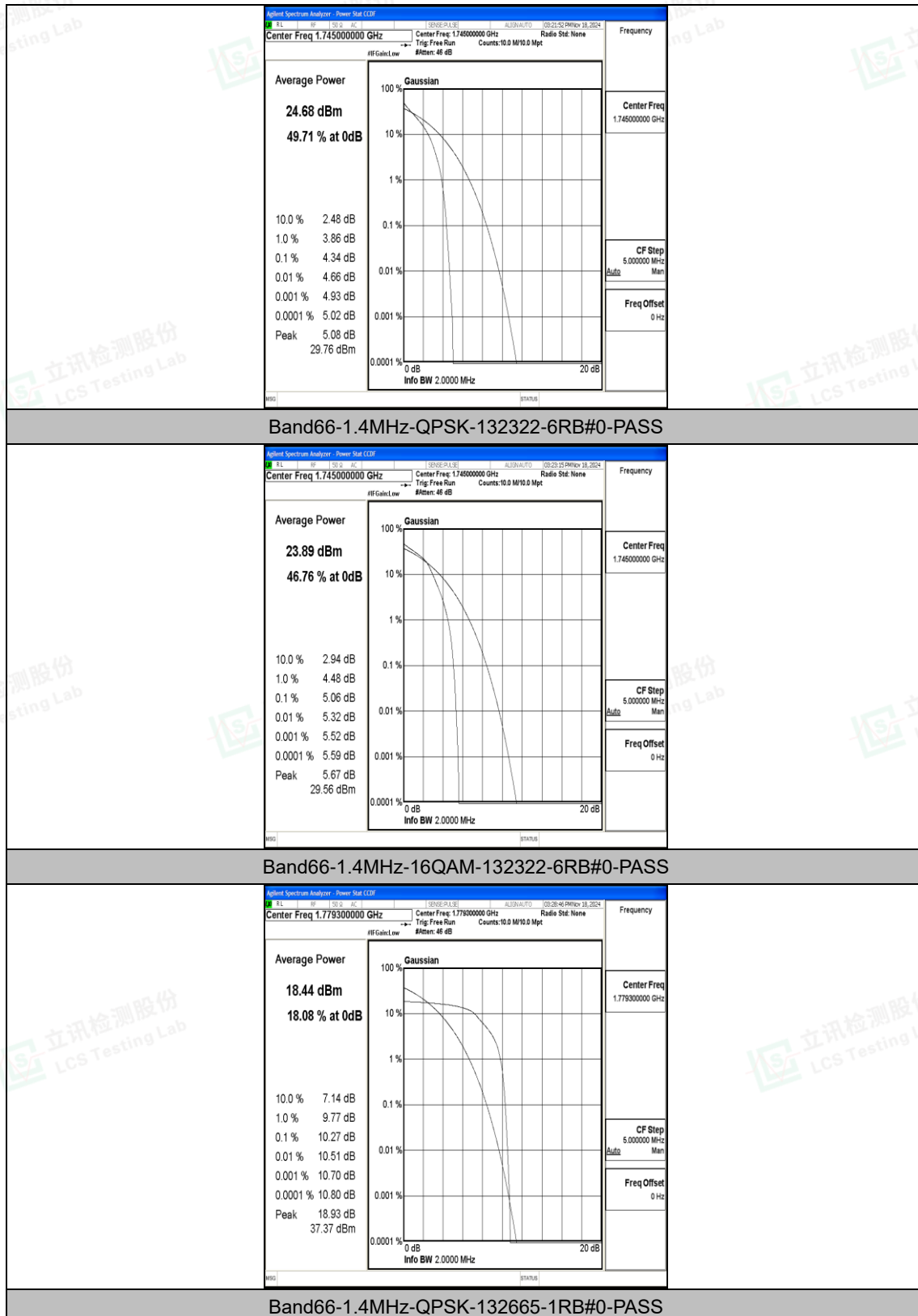
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity





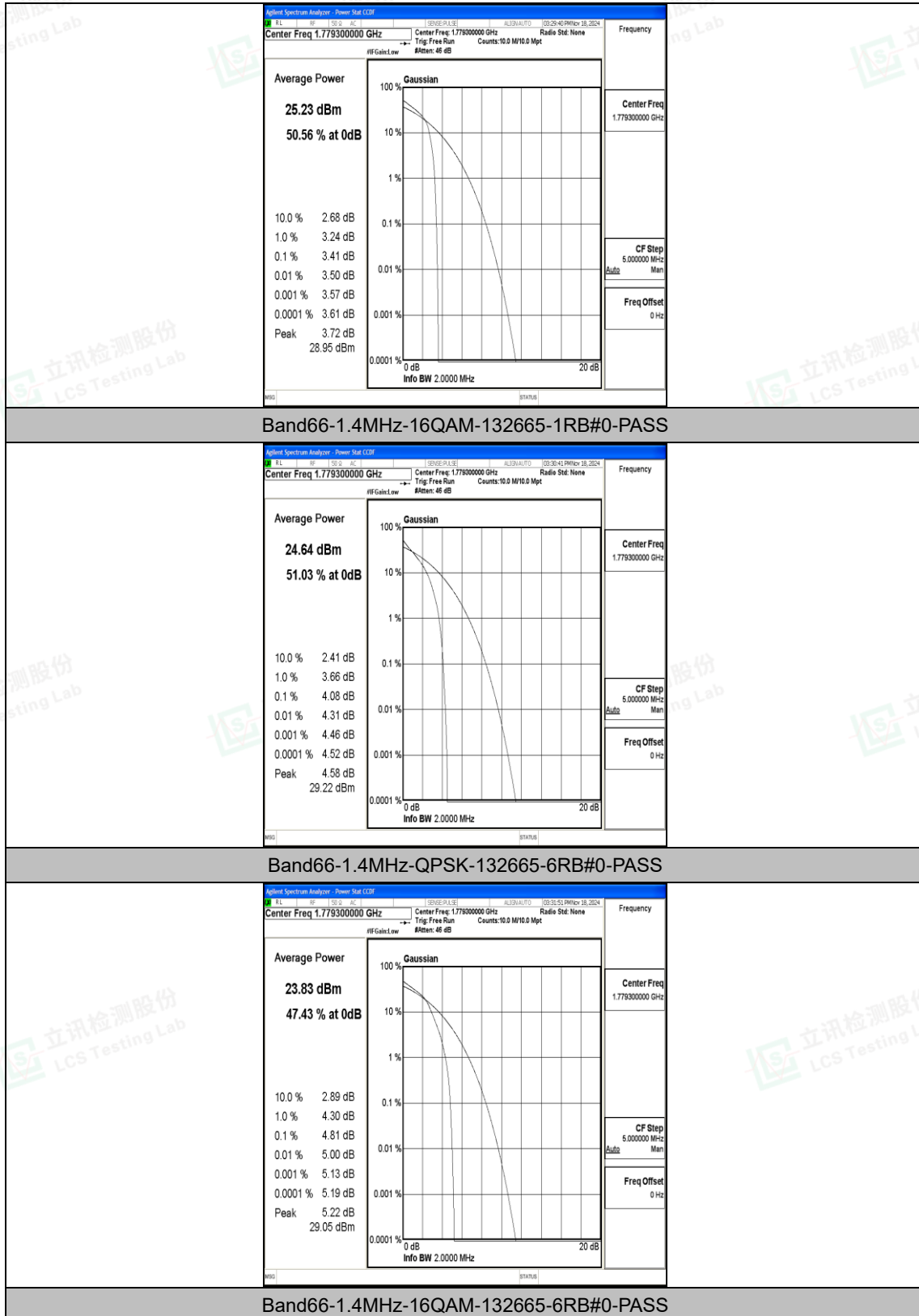


Shenzhen LCS Compliance Testing Laboratory Ltd.

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



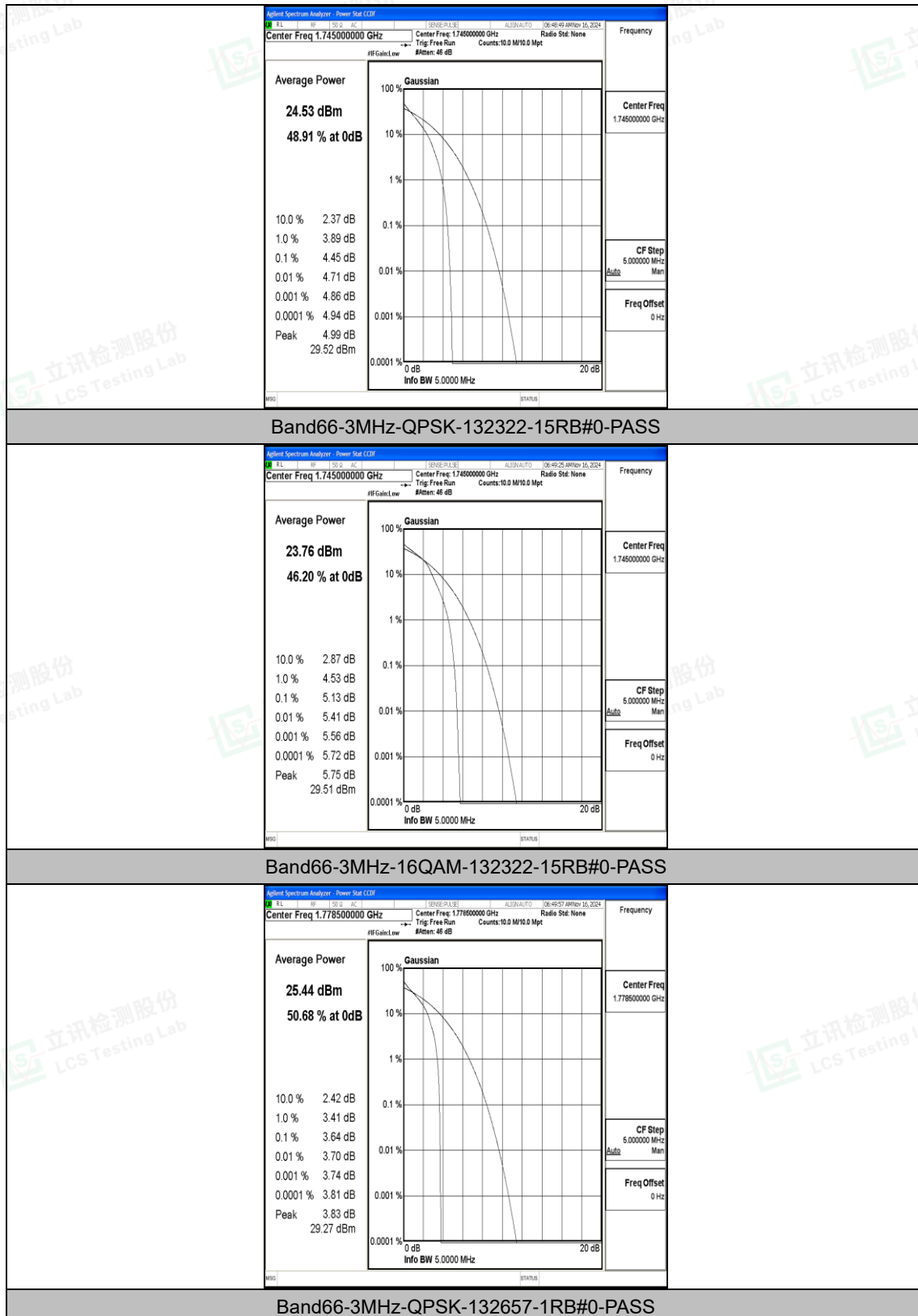


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

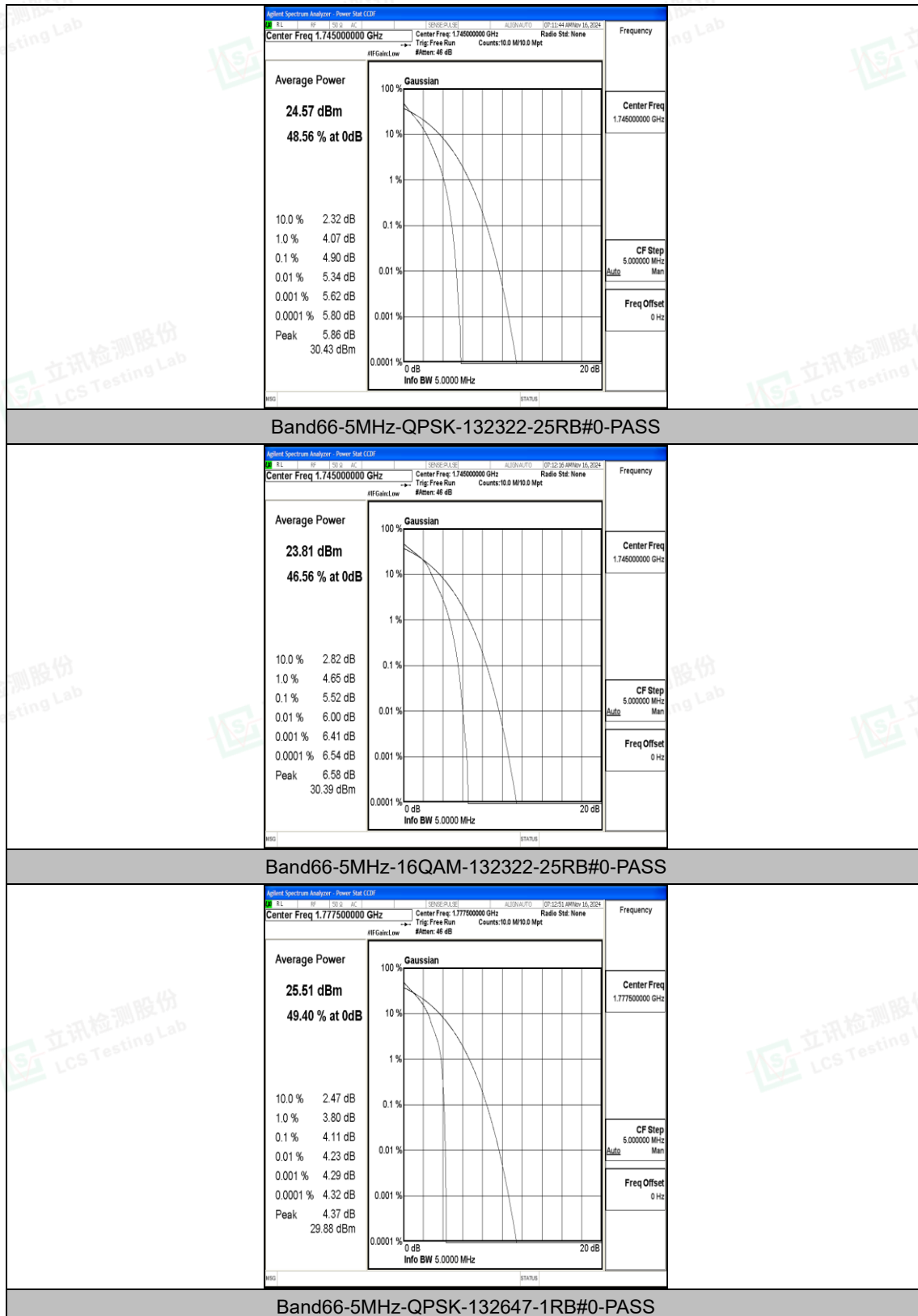


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

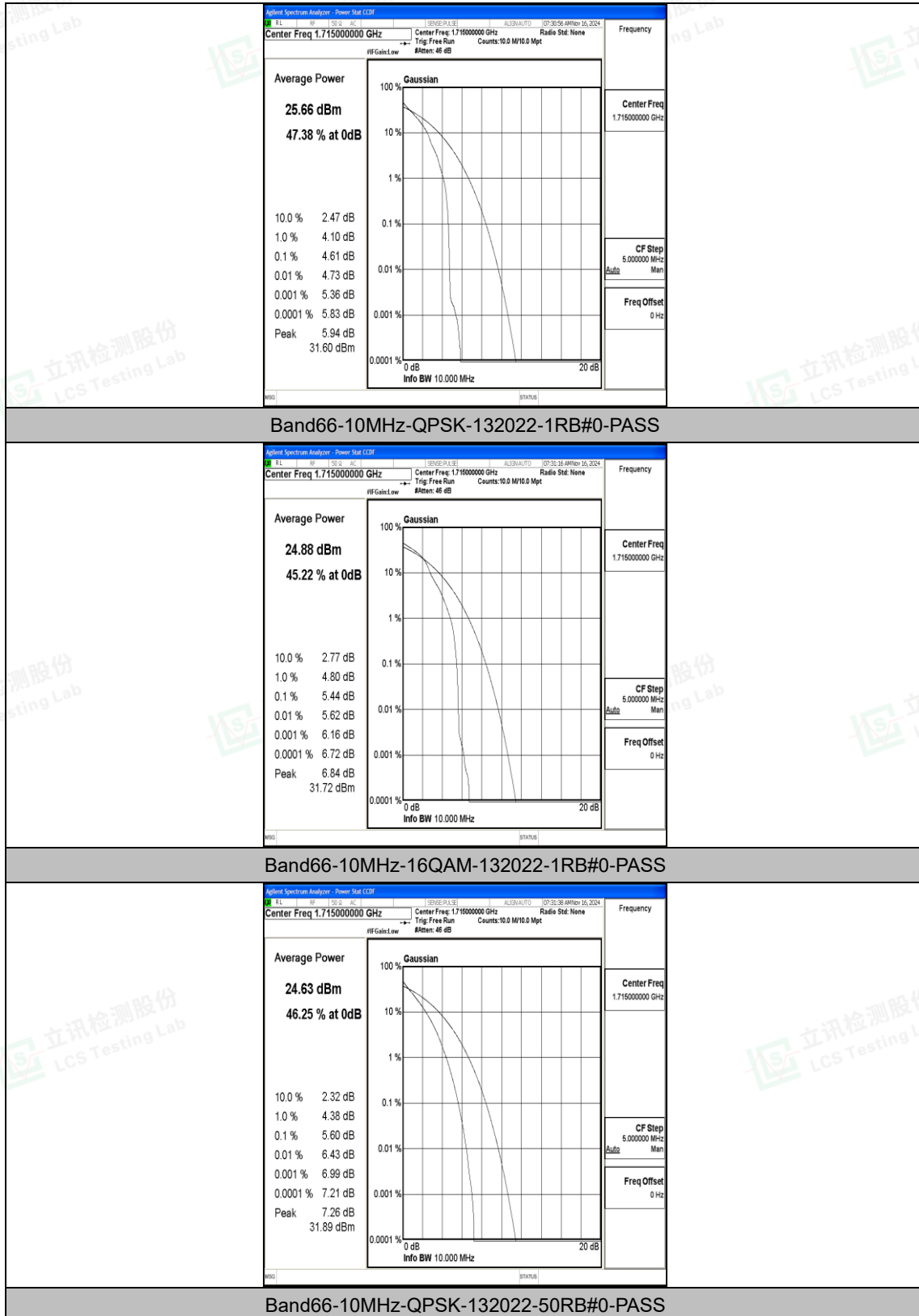


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

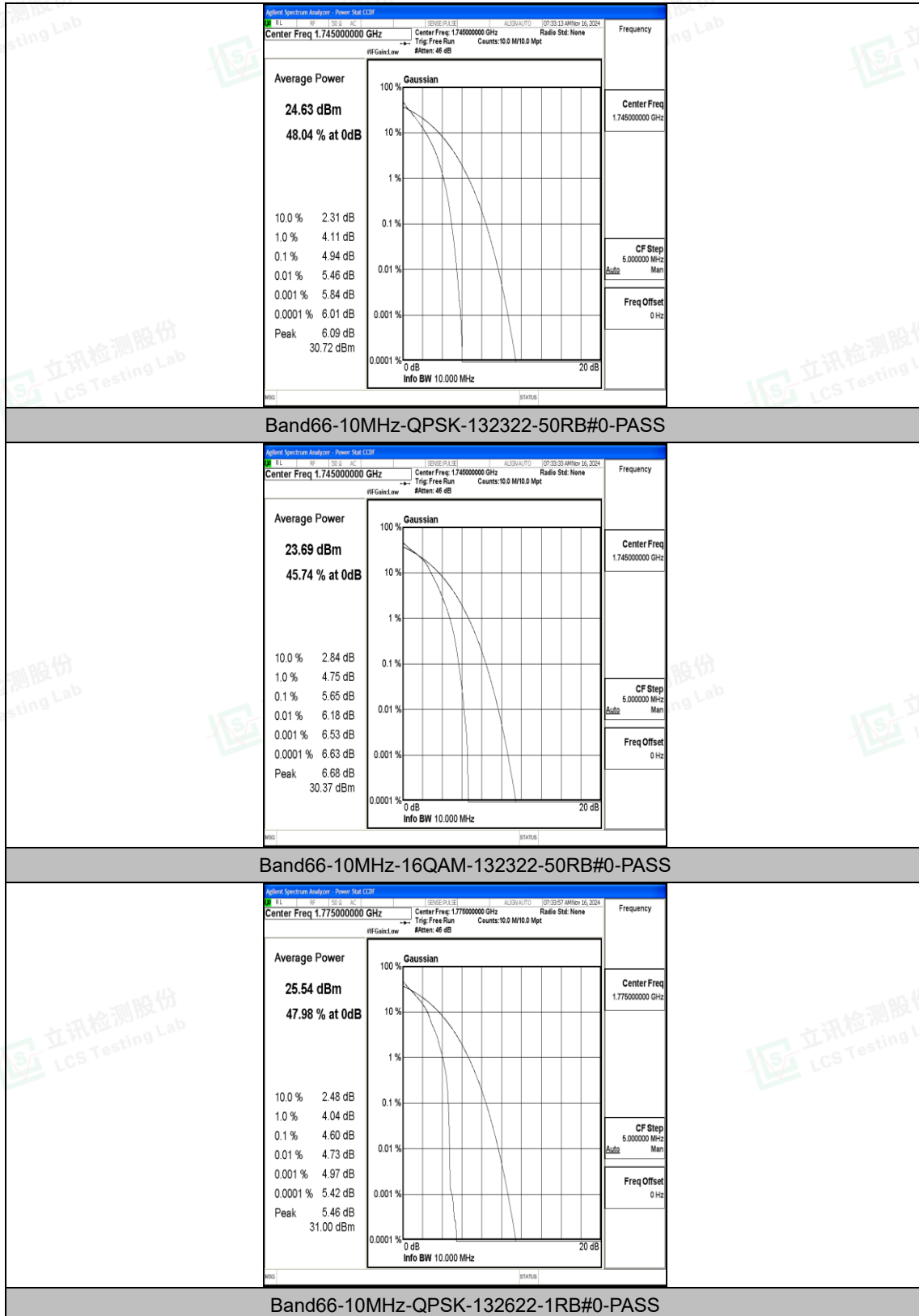


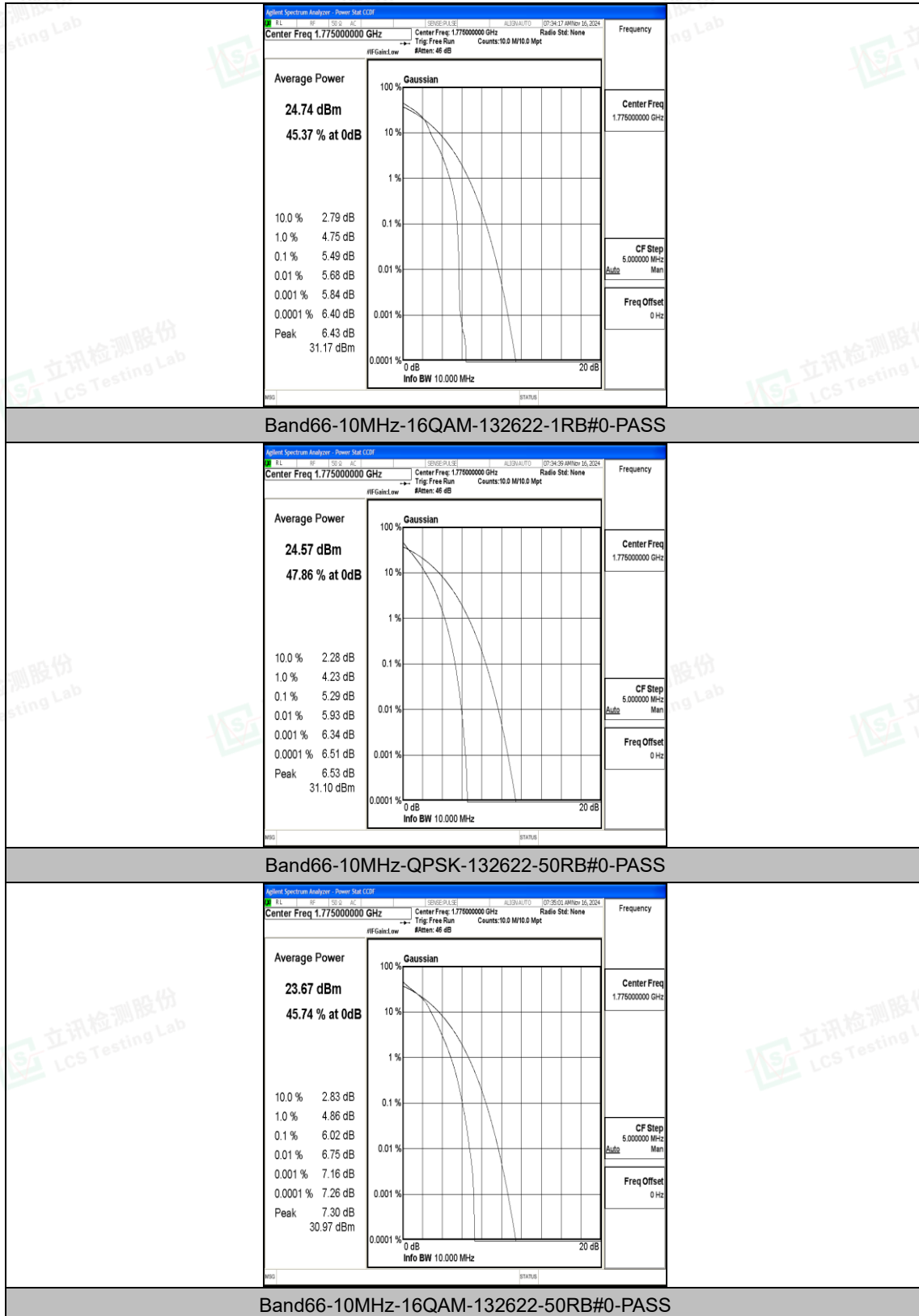
Shenzhen LCS Compliance Testing Laboratory Ltd.

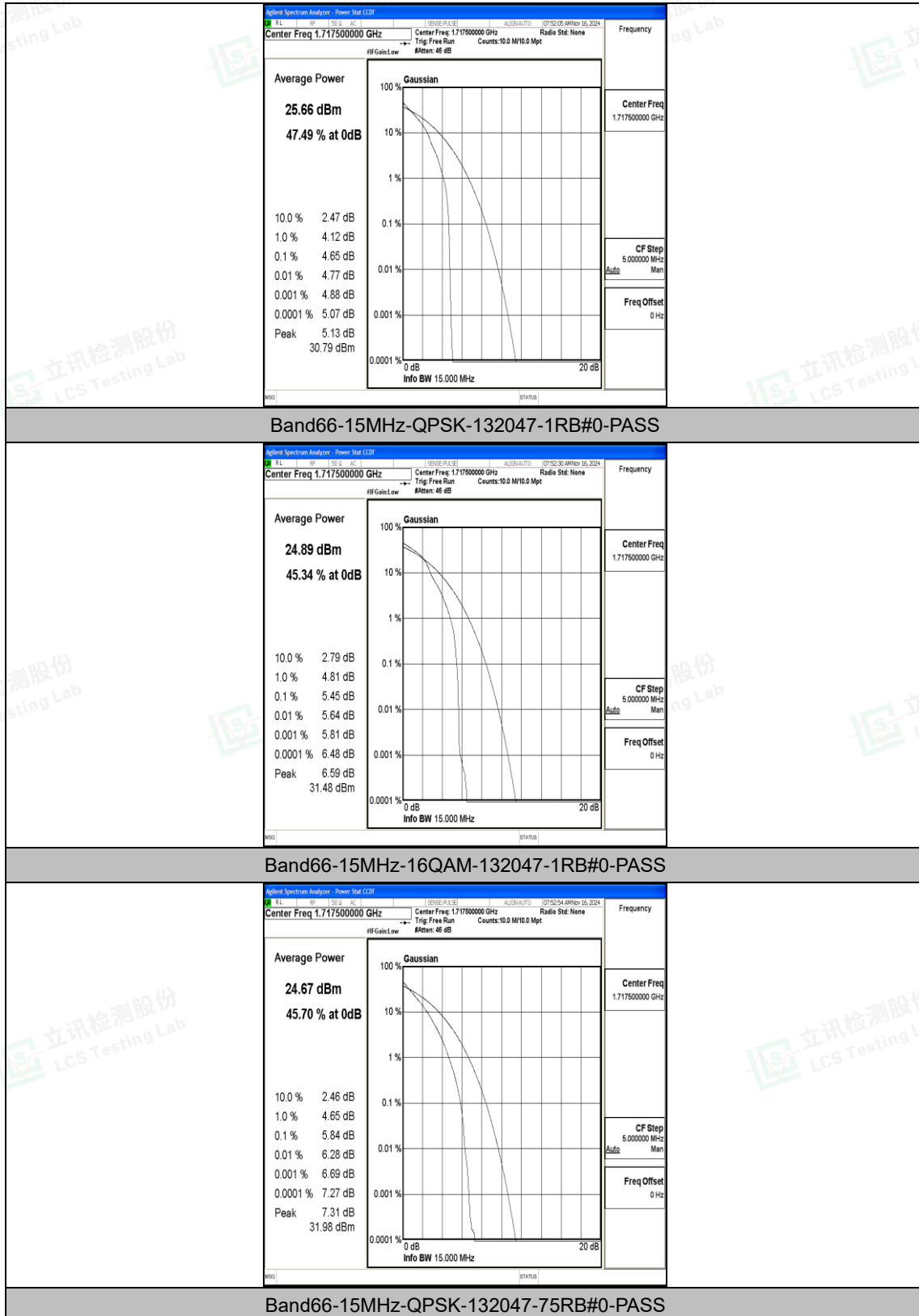
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

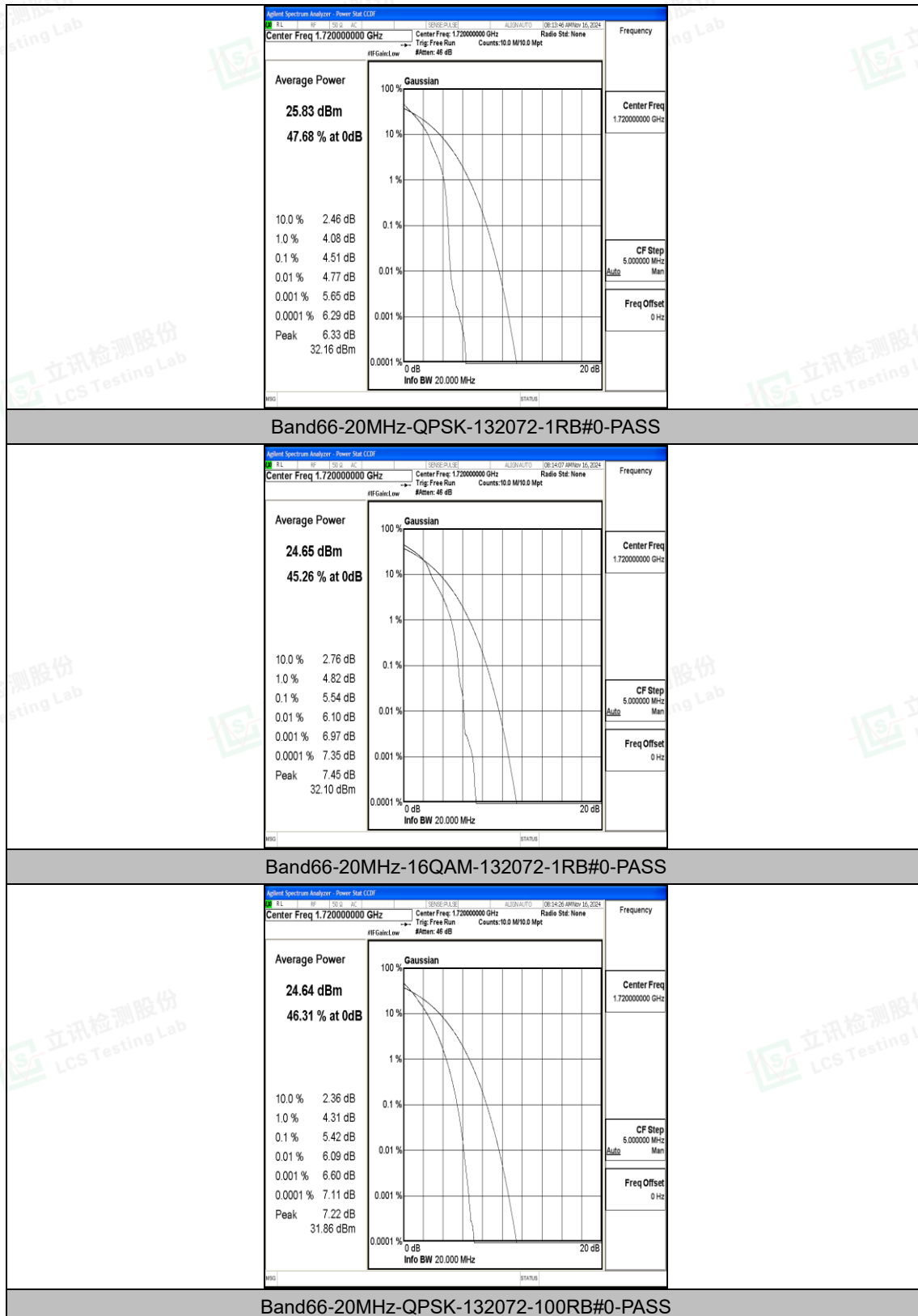


Shenzhen LCS Compliance Testing Laboratory Ltd.

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





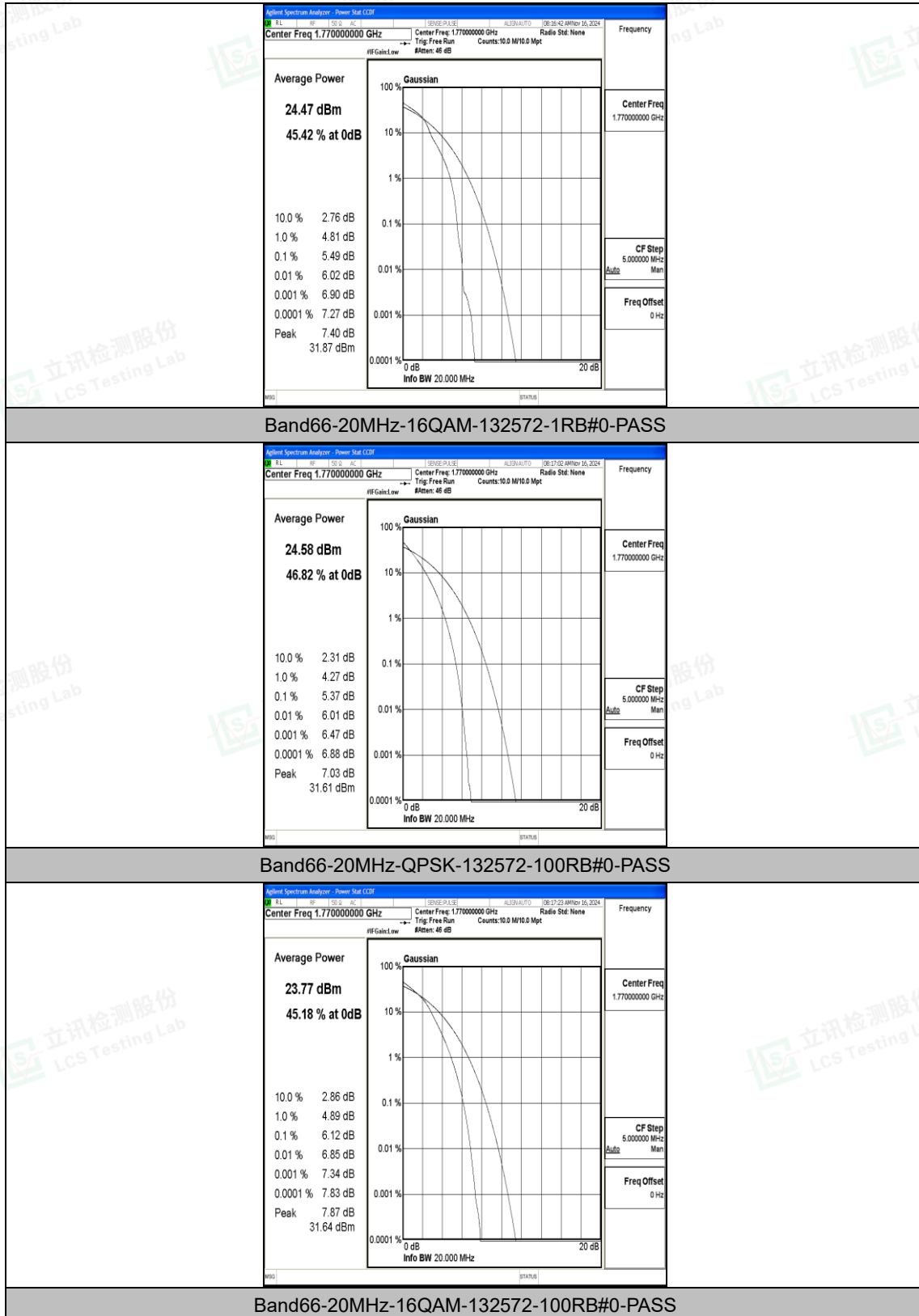
Shenzhen LCS Compliance Testing Laboratory Ltd.

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



N.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.0939	1.246	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.0969	1.240	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0947	1.253	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.1040	1.255	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.1033	1.244	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.0919	1.242	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.6999	2.996	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.7021	3.026	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.7178	3.031	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6985	3.053	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.7053	3.018	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.7030	3.010	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.5171	5.000	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.5039	4.944	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.5120	5.000	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.5123	4.983	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.5021	4.980	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.5020	4.953	PASS
Band66	10MHz	QPSK	132022	50RB#0	9.0008	9.838	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.9996	9.873	PASS
Band66	10MHz	QPSK	132322	50RB#0	9.0305	9.944	PASS
Band66	10MHz	16QAM	132322	50RB#0	9.0097	9.881	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.9795	9.921	PASS
Band66	10MHz	16QAM	132622	50RB#0	9.0001	9.904	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.516	14.95	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.512	14.96	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.529	14.95	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.538	14.95	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.473	14.91	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.447	14.75	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.978	19.61	PASS
Band66	20MHz	16QAM	132072	100RB#0	18.028	19.64	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity



Band66	20MHz	QPSK	132322	100RB#0	18.070	19.73	PASS
Band66	20MHz	16QAM	132322	100RB#0	18.078	19.70	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.933	19.65	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.938	19.66	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

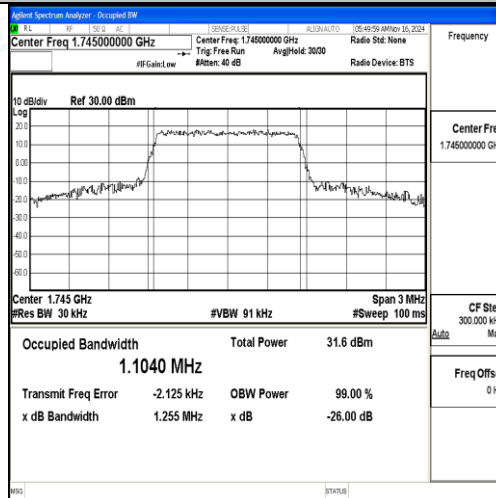


Test Graphs

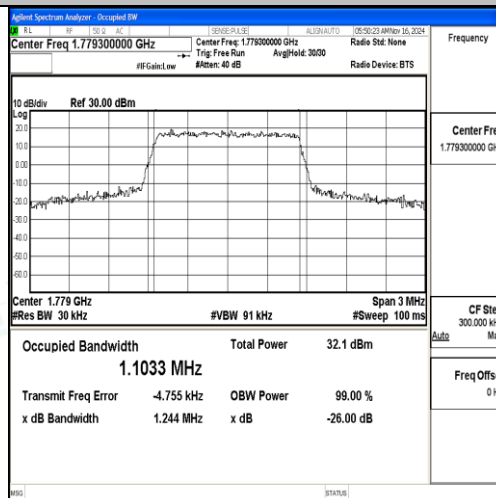




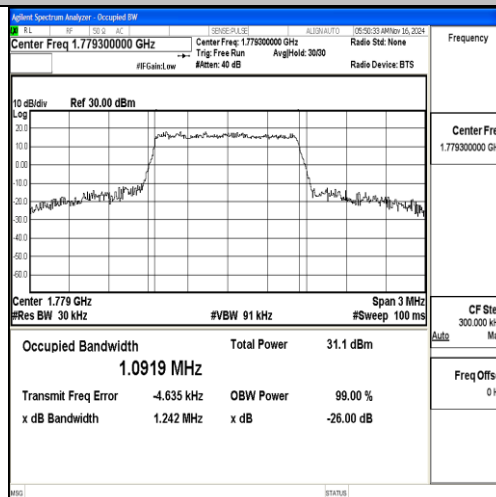
Band66-1.4MHz-QPSK-132322-6RB#0-PASS



Band66-1.4MHz-16QAM-132322-6RB#0-PASS



Band66-1.4MHz-QPSK-132665-6RB#0-PASS



Band66-1.4MHz-16QAM-132665-6RB#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

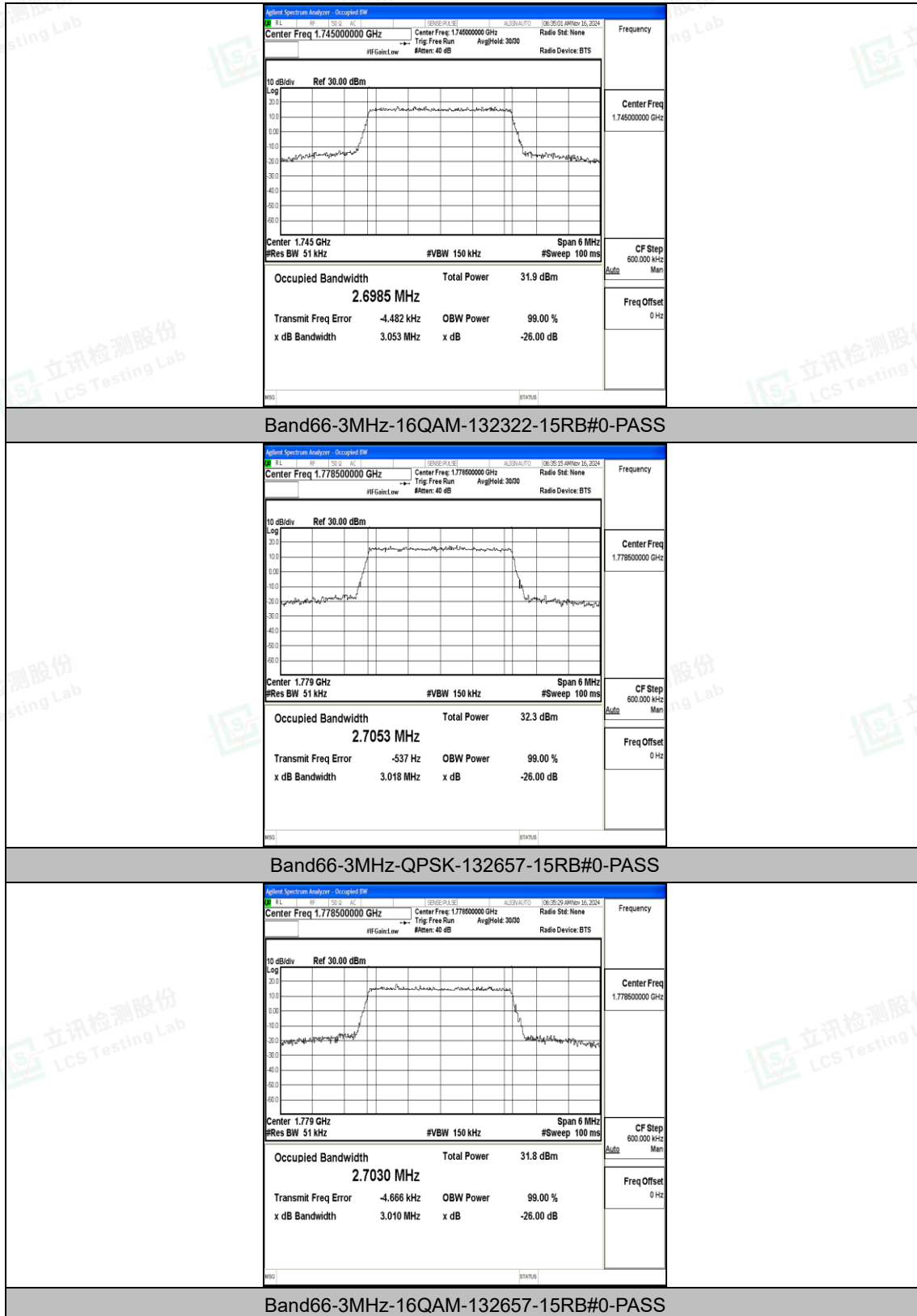


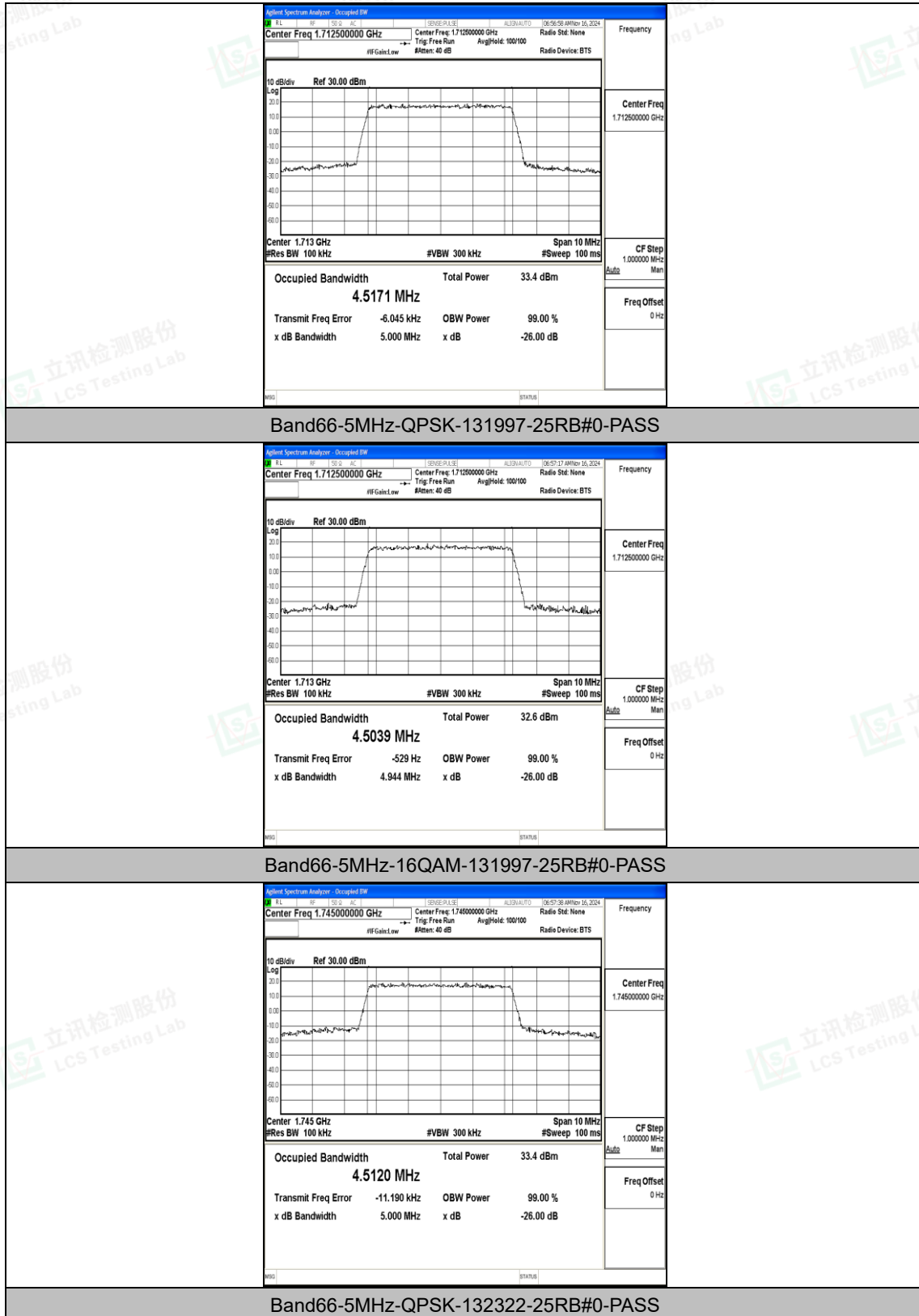
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

