



Appendix O: Test Data for E-UTRA Band 66

Product Name: Smartphone

Test Model: ZG65 Pro

Environmental Conditions

Temperature:	23.8°C
Relative Humidity:	52.1%
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



O.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	19.73	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	19.99	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	19.70	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	19.91	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	19.69	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	19.90	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	19.86	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	18.68	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	19.75	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	18.76	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	19.72	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	18.64	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	18.91	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	18.35	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	20.90	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	19.87	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	20.88	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	20.13	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	21.24	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	20.12	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	20.80	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	20.02	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	20.78	PASS
Band66	1.4MHz	16QAM	132322	3RB#1	20.11	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	20.72	PASS
Band66	1.4MHz	16QAM	132322	3RB#3	19.75	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	19.95	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	19.33	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	21.69	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	21.19	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	21.61	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	21.19	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	21.64	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	21.20	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	21.81	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	16QAM	132665	3RB#0	20.95	PASS
Band66	1.4MHz	QPSK	132665	3RB#1	21.86	PASS
Band66	1.4MHz	16QAM	132665	3RB#1	20.93	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	21.85	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	20.94	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	21.09	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	20.38	PASS
Band66	3MHz	QPSK	131987	1RB#0	21.93	PASS
Band66	3MHz	16QAM	131987	1RB#0	21.32	PASS
Band66	3MHz	QPSK	131987	1RB#8	21.98	PASS
Band66	3MHz	16QAM	131987	1RB#8	21.28	PASS
Band66	3MHz	QPSK	131987	1RB#14	21.86	PASS
Band66	3MHz	16QAM	131987	1RB#14	21.15	PASS
Band66	3MHz	QPSK	131987	8RB#0	21.28	PASS
Band66	3MHz	16QAM	131987	8RB#0	20.66	PASS
Band66	3MHz	QPSK	131987	8RB#4	21.21	PASS
Band66	3MHz	16QAM	131987	8RB#4	20.67	PASS
Band66	3MHz	QPSK	131987	8RB#7	21.19	PASS
Band66	3MHz	16QAM	131987	8RB#7	20.70	PASS
Band66	3MHz	QPSK	131987	15RB#0	21.16	PASS
Band66	3MHz	16QAM	131987	15RB#0	20.51	PASS
Band66	3MHz	QPSK	132322	1RB#0	22.26	PASS
Band66	3MHz	16QAM	132322	1RB#0	21.26	PASS
Band66	3MHz	QPSK	132322	1RB#8	22.22	PASS
Band66	3MHz	16QAM	132322	1RB#8	21.22	PASS
Band66	3MHz	QPSK	132322	1RB#14	22.19	PASS
Band66	3MHz	16QAM	132322	1RB#14	21.19	PASS
Band66	3MHz	QPSK	132322	8RB#0	21.38	PASS
Band66	3MHz	16QAM	132322	8RB#0	20.90	PASS
Band66	3MHz	QPSK	132322	8RB#4	21.38	PASS
Band66	3MHz	16QAM	132322	8RB#4	20.90	PASS
Band66	3MHz	QPSK	132322	8RB#7	21.32	PASS
Band66	3MHz	16QAM	132322	8RB#7	20.86	PASS
Band66	3MHz	QPSK	132322	15RB#0	21.32	PASS
Band66	3MHz	16QAM	132322	15RB#0	20.49	PASS
Band66	3MHz	QPSK	132657	1RB#0	21.83	PASS
Band66	3MHz	16QAM	132657	1RB#0	21.06	PASS
Band66	3MHz	QPSK	132657	1RB#8	21.84	PASS
Band66	3MHz	16QAM	132657	1RB#8	21.16	PASS
Band66	3MHz	QPSK	132657	1RB#14	21.73	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



Band66	3MHz	16QAM	132657	1RB#14	21.11	PASS
Band66	3MHz	QPSK	132657	8RB#0	21.24	PASS
Band66	3MHz	16QAM	132657	8RB#0	20.66	PASS
Band66	3MHz	QPSK	132657	8RB#4	21.23	PASS
Band66	3MHz	16QAM	132657	8RB#4	20.57	PASS
Band66	3MHz	QPSK	132657	8RB#7	21.14	PASS
Band66	3MHz	16QAM	132657	8RB#7	20.44	PASS
Band66	3MHz	QPSK	132657	15RB#0	21.14	PASS
Band66	3MHz	16QAM	132657	15RB#0	20.41	PASS
Band66	5MHz	QPSK	131997	1RB#0	22.01	PASS
Band66	5MHz	16QAM	131997	1RB#0	20.80	PASS
Band66	5MHz	QPSK	131997	1RB#12	21.97	PASS
Band66	5MHz	16QAM	131997	1RB#12	20.71	PASS
Band66	5MHz	QPSK	131997	1RB#24	21.92	PASS
Band66	5MHz	16QAM	131997	1RB#24	20.86	PASS
Band66	5MHz	QPSK	131997	12RB#0	21.27	PASS
Band66	5MHz	16QAM	131997	12RB#0	20.49	PASS
Band66	5MHz	QPSK	131997	12RB#6	21.22	PASS
Band66	5MHz	16QAM	131997	12RB#6	20.49	PASS
Band66	5MHz	QPSK	131997	12RB#13	21.20	PASS
Band66	5MHz	16QAM	131997	12RB#13	20.43	PASS
Band66	5MHz	QPSK	131997	25RB#0	21.08	PASS
Band66	5MHz	16QAM	131997	25RB#0	20.52	PASS
Band66	5MHz	QPSK	132322	1RB#0	22.10	PASS
Band66	5MHz	16QAM	132322	1RB#0	21.64	PASS
Band66	5MHz	QPSK	132322	1RB#12	22.04	PASS
Band66	5MHz	16QAM	132322	1RB#12	21.20	PASS
Band66	5MHz	QPSK	132322	1RB#24	22.15	PASS
Band66	5MHz	16QAM	132322	1RB#24	21.14	PASS
Band66	5MHz	QPSK	132322	12RB#0	21.39	PASS
Band66	5MHz	16QAM	132322	12RB#0	20.69	PASS
Band66	5MHz	QPSK	132322	12RB#6	21.39	PASS
Band66	5MHz	16QAM	132322	12RB#6	20.74	PASS
Band66	5MHz	QPSK	132322	12RB#13	21.37	PASS
Band66	5MHz	16QAM	132322	12RB#13	20.74	PASS
Band66	5MHz	QPSK	132322	25RB#0	21.36	PASS
Band66	5MHz	16QAM	132322	25RB#0	20.61	PASS
Band66	5MHz	QPSK	132647	1RB#0	21.91	PASS
Band66	5MHz	16QAM	132647	1RB#0	20.78	PASS
Band66	5MHz	QPSK	132647	1RB#12	21.84	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#12	20.64	PASS
Band66	5MHz	QPSK	132647	1RB#24	21.86	PASS
Band66	5MHz	16QAM	132647	1RB#24	20.62	PASS
Band66	5MHz	QPSK	132647	12RB#0	21.16	PASS
Band66	5MHz	16QAM	132647	12RB#0	20.41	PASS
Band66	5MHz	QPSK	132647	12RB#6	21.14	PASS
Band66	5MHz	16QAM	132647	12RB#6	20.40	PASS
Band66	5MHz	QPSK	132647	12RB#13	21.18	PASS
Band66	5MHz	16QAM	132647	12RB#13	20.36	PASS
Band66	5MHz	QPSK	132647	25RB#0	21.08	PASS
Band66	5MHz	16QAM	132647	25RB#0	20.46	PASS
Band66	10MHz	QPSK	132022	1RB#0	21.89	PASS
Band66	10MHz	16QAM	132022	1RB#0	21.26	PASS
Band66	10MHz	QPSK	132022	1RB#24	21.79	PASS
Band66	10MHz	16QAM	132022	1RB#24	21.20	PASS
Band66	10MHz	QPSK	132022	1RB#49	21.85	PASS
Band66	10MHz	16QAM	132022	1RB#49	21.27	PASS
Band66	10MHz	QPSK	132022	25RB#0	21.12	PASS
Band66	10MHz	16QAM	132022	25RB#0	20.45	PASS
Band66	10MHz	QPSK	132022	25RB#12	21.08	PASS
Band66	10MHz	16QAM	132022	25RB#12	20.38	PASS
Band66	10MHz	QPSK	132022	25RB#25	21.16	PASS
Band66	10MHz	16QAM	132022	25RB#25	20.44	PASS
Band66	10MHz	QPSK	132022	50RB#0	21.13	PASS
Band66	10MHz	16QAM	132022	50RB#0	20.46	PASS
Band66	10MHz	QPSK	132322	1RB#0	22.31	PASS
Band66	10MHz	16QAM	132322	1RB#0	21.50	PASS
Band66	10MHz	QPSK	132322	1RB#24	22.19	PASS
Band66	10MHz	16QAM	132322	1RB#24	21.32	PASS
Band66	10MHz	QPSK	132322	1RB#49	22.12	PASS
Band66	10MHz	16QAM	132322	1RB#49	21.16	PASS
Band66	10MHz	QPSK	132322	25RB#0	21.50	PASS
Band66	10MHz	16QAM	132322	25RB#0	20.83	PASS
Band66	10MHz	QPSK	132322	25RB#12	21.49	PASS
Band66	10MHz	16QAM	132322	25RB#12	20.84	PASS
Band66	10MHz	QPSK	132322	25RB#25	21.30	PASS
Band66	10MHz	16QAM	132322	25RB#25	20.77	PASS
Band66	10MHz	QPSK	132322	50RB#0	21.41	PASS
Band66	10MHz	16QAM	132322	50RB#0	20.73	PASS
Band66	10MHz	QPSK	132622	1RB#0	21.89	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	16QAM	132622	1RB#0	21.32	PASS
Band66	10MHz	QPSK	132622	1RB#24	21.94	PASS
Band66	10MHz	16QAM	132622	1RB#24	21.21	PASS
Band66	10MHz	QPSK	132622	1RB#49	21.76	PASS
Band66	10MHz	16QAM	132622	1RB#49	21.12	PASS
Band66	10MHz	QPSK	132622	25RB#0	21.25	PASS
Band66	10MHz	16QAM	132622	25RB#0	20.45	PASS
Band66	10MHz	QPSK	132622	25RB#12	21.21	PASS
Band66	10MHz	16QAM	132622	25RB#12	20.44	PASS
Band66	10MHz	QPSK	132622	25RB#25	21.23	PASS
Band66	10MHz	16QAM	132622	25RB#25	20.56	PASS
Band66	10MHz	QPSK	132622	50RB#0	21.22	PASS
Band66	10MHz	16QAM	132622	50RB#0	20.48	PASS
Band66	15MHz	QPSK	132047	1RB#0	21.93	PASS
Band66	15MHz	16QAM	132047	1RB#0	21.31	PASS
Band66	15MHz	QPSK	132047	1RB#38	21.89	PASS
Band66	15MHz	16QAM	132047	1RB#38	21.33	PASS
Band66	15MHz	QPSK	132047	1RB#74	21.97	PASS
Band66	15MHz	16QAM	132047	1RB#74	21.44	PASS
Band66	15MHz	QPSK	132047	38RB#0	21.19	PASS
Band66	15MHz	16QAM	132047	38RB#0	21.20	PASS
Band66	15MHz	QPSK	132047	38RB#18	21.20	PASS
Band66	15MHz	16QAM	132047	38RB#18	21.20	PASS
Band66	15MHz	QPSK	132047	38RB#37	21.20	PASS
Band66	15MHz	16QAM	132047	38RB#37	21.19	PASS
Band66	15MHz	QPSK	132047	75RB#0	21.19	PASS
Band66	15MHz	16QAM	132047	75RB#0	20.50	PASS
Band66	15MHz	QPSK	132322	1RB#0	22.16	PASS
Band66	15MHz	16QAM	132322	1RB#0	21.70	PASS
Band66	15MHz	QPSK	132322	1RB#38	21.94	PASS
Band66	15MHz	16QAM	132322	1RB#38	21.51	PASS
Band66	15MHz	QPSK	132322	1RB#74	21.78	PASS
Band66	15MHz	16QAM	132322	1RB#74	21.30	PASS
Band66	15MHz	QPSK	132322	38RB#0	21.36	PASS
Band66	15MHz	16QAM	132322	38RB#0	21.36	PASS
Band66	15MHz	QPSK	132322	38RB#18	21.36	PASS
Band66	15MHz	16QAM	132322	38RB#18	21.36	PASS
Band66	15MHz	QPSK	132322	38RB#37	21.36	PASS
Band66	15MHz	16QAM	132322	38RB#37	21.36	PASS
Band66	15MHz	QPSK	132322	75RB#0	21.36	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	16QAM	132322	75RB#0	20.65	PASS
Band66	15MHz	QPSK	132597	1RB#0	21.95	PASS
Band66	15MHz	16QAM	132597	1RB#0	21.29	PASS
Band66	15MHz	QPSK	132597	1RB#38	21.89	PASS
Band66	15MHz	16QAM	132597	1RB#38	21.30	PASS
Band66	15MHz	QPSK	132597	1RB#74	21.77	PASS
Band66	15MHz	16QAM	132597	1RB#74	21.13	PASS
Band66	15MHz	QPSK	132597	38RB#0	21.18	PASS
Band66	15MHz	16QAM	132597	38RB#0	21.17	PASS
Band66	15MHz	QPSK	132597	38RB#18	21.16	PASS
Band66	15MHz	16QAM	132597	38RB#18	21.15	PASS
Band66	15MHz	QPSK	132597	38RB#37	21.15	PASS
Band66	15MHz	16QAM	132597	38RB#37	21.15	PASS
Band66	15MHz	QPSK	132597	75RB#0	21.14	PASS
Band66	15MHz	16QAM	132597	75RB#0	20.39	PASS
Band66	20MHz	QPSK	132072	1RB#0	21.97	PASS
Band66	20MHz	16QAM	132072	1RB#0	21.13	PASS
Band66	20MHz	QPSK	132072	1RB#49	21.88	PASS
Band66	20MHz	16QAM	132072	1RB#49	21.28	PASS
Band66	20MHz	QPSK	132072	1RB#99	22.58	PASS
Band66	20MHz	16QAM	132072	1RB#99	21.59	PASS
Band66	20MHz	QPSK	132072	50RB#0	21.24	PASS
Band66	20MHz	16QAM	132072	50RB#0	20.52	PASS
Band66	20MHz	QPSK	132072	50RB#25	21.10	PASS
Band66	20MHz	16QAM	132072	50RB#25	20.54	PASS
Band66	20MHz	QPSK	132072	50RB#50	21.31	PASS
Band66	20MHz	16QAM	132072	50RB#50	20.73	PASS
Band66	20MHz	QPSK	132072	100RB#0	21.20	PASS
Band66	20MHz	16QAM	132072	100RB#0	20.53	PASS
Band66	20MHz	QPSK	132322	1RB#0	22.38	PASS
Band66	20MHz	16QAM	132322	1RB#0	22.36	PASS
Band66	20MHz	QPSK	132322	1RB#49	22.26	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.06	PASS
Band66	20MHz	QPSK	132322	1RB#99	21.97	PASS
Band66	20MHz	16QAM	132322	1RB#99	21.62	PASS
Band66	20MHz	QPSK	132322	50RB#0	21.54	PASS
Band66	20MHz	16QAM	132322	50RB#0	20.82	PASS
Band66	20MHz	QPSK	132322	50RB#25	21.52	PASS
Band66	20MHz	16QAM	132322	50RB#25	20.82	PASS
Band66	20MHz	QPSK	132322	50RB#50	21.26	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	16QAM	132322	50RB#50	20.58	PASS
Band66	20MHz	QPSK	132322	100RB#0	21.44	PASS
Band66	20MHz	16QAM	132322	100RB#0	20.77	PASS
Band66	20MHz	QPSK	132572	1RB#0	22.35	PASS
Band66	20MHz	16QAM	132572	1RB#0	21.20	PASS
Band66	20MHz	QPSK	132572	1RB#49	22.32	PASS
Band66	20MHz	16QAM	132572	1RB#49	21.21	PASS
Band66	20MHz	QPSK	132572	1RB#99	22.06	PASS
Band66	20MHz	16QAM	132572	1RB#99	21.07	PASS
Band66	20MHz	QPSK	132572	50RB#0	21.29	PASS
Band66	20MHz	16QAM	132572	50RB#0	20.58	PASS
Band66	20MHz	QPSK	132572	50RB#25	21.16	PASS
Band66	20MHz	16QAM	132572	50RB#25	20.58	PASS
Band66	20MHz	QPSK	132572	50RB#50	21.18	PASS
Band66	20MHz	16QAM	132572	50RB#50	20.55	PASS
Band66	20MHz	QPSK	132572	100RB#0	21.24	PASS
Band66	20MHz	16QAM	132572	100RB#0	20.45	PASS





O.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	3.62	13	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	4.12	13	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	4.37	13	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	4.95	13	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	3.33	13	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	3.68	13	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	4.34	13	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	4.96	13	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	3.18	13	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	3.63	13	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	4.09	13	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	4.81	13	PASS
Band66	3MHz	QPSK	131987	1RB#0	3.57	13	PASS
Band66	3MHz	16QAM	131987	1RB#0	4.23	13	PASS
Band66	3MHz	QPSK	131987	15RB#0	4.37	13	PASS
Band66	3MHz	16QAM	131987	15RB#0	5.03	13	PASS
Band66	3MHz	QPSK	132322	1RB#0	3.48	13	PASS
Band66	3MHz	16QAM	132322	1RB#0	4.19	13	PASS
Band66	3MHz	QPSK	132322	15RB#0	4.31	13	PASS
Band66	3MHz	16QAM	132322	15RB#0	5.02	13	PASS
Band66	3MHz	QPSK	132657	1RB#0	3.54	13	PASS
Band66	3MHz	16QAM	132657	1RB#0	4.29	13	PASS
Band66	3MHz	QPSK	132657	15RB#0	4.29	13	PASS
Band66	3MHz	16QAM	132657	15RB#0	4.98	13	PASS
Band66	5MHz	QPSK	131997	1RB#0	3.68	13	PASS
Band66	5MHz	16QAM	131997	1RB#0	4.40	13	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.91	13	PASS
Band66	5MHz	16QAM	131997	25RB#0	5.44	13	PASS
Band66	5MHz	QPSK	132322	1RB#0	3.52	13	PASS
Band66	5MHz	16QAM	132322	1RB#0	4.29	13	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.79	13	PASS
Band66	5MHz	16QAM	132322	25RB#0	5.37	13	PASS
Band66	5MHz	QPSK	132647	1RB#0	3.99	13	PASS
Band66	5MHz	16QAM	132647	1RB#0	4.92	13	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.86	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	25RB#0	5.52	13	PASS
Band66	10MHz	QPSK	132022	1RB#0	3.64	13	PASS
Band66	10MHz	16QAM	132022	1RB#0	4.25	13	PASS
Band66	10MHz	QPSK	132022	50RB#0	5.02	13	PASS
Band66	10MHz	16QAM	132022	50RB#0	5.60	13	PASS
Band66	10MHz	QPSK	132322	1RB#0	3.52	13	PASS
Band66	10MHz	16QAM	132322	1RB#0	4.19	13	PASS
Band66	10MHz	QPSK	132322	50RB#0	4.80	13	PASS
Band66	10MHz	16QAM	132322	50RB#0	5.46	13	PASS
Band66	10MHz	QPSK	132622	1RB#0	4.25	13	PASS
Band66	10MHz	16QAM	132622	1RB#0	4.98	13	PASS
Band66	10MHz	QPSK	132622	50RB#0	5.05	13	PASS
Band66	10MHz	16QAM	132622	50RB#0	5.77	13	PASS
Band66	15MHz	QPSK	132047	1RB#0	3.63	13	PASS
Band66	15MHz	16QAM	132047	1RB#0	4.29	13	PASS
Band66	15MHz	QPSK	132047	75RB#0	5.32	13	PASS
Band66	15MHz	16QAM	132047	75RB#0	5.78	13	PASS
Band66	15MHz	QPSK	132322	1RB#0	3.63	13	PASS
Band66	15MHz	16QAM	132322	1RB#0	4.32	13	PASS
Band66	15MHz	QPSK	132322	75RB#0	5.02	13	PASS
Band66	15MHz	16QAM	132322	75RB#0	5.53	13	PASS
Band66	15MHz	QPSK	132597	1RB#0	4.25	13	PASS
Band66	15MHz	16QAM	132597	1RB#0	4.95	13	PASS
Band66	15MHz	QPSK	132597	75RB#0	5.41	13	PASS
Band66	15MHz	16QAM	132597	75RB#0	5.90	13	PASS
Band66	20MHz	QPSK	132072	1RB#0	3.32	13	PASS
Band66	20MHz	16QAM	132072	1RB#0	4.14	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	5.12	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	5.75	13	PASS
Band66	20MHz	QPSK	132322	1RB#0	3.39	13	PASS
Band66	20MHz	16QAM	132322	1RB#0	4.57	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	4.80	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.43	13	PASS
Band66	20MHz	QPSK	132572	1RB#0	3.78	13	PASS
Band66	20MHz	16QAM	132572	1RB#0	4.55	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.18	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.84	13	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

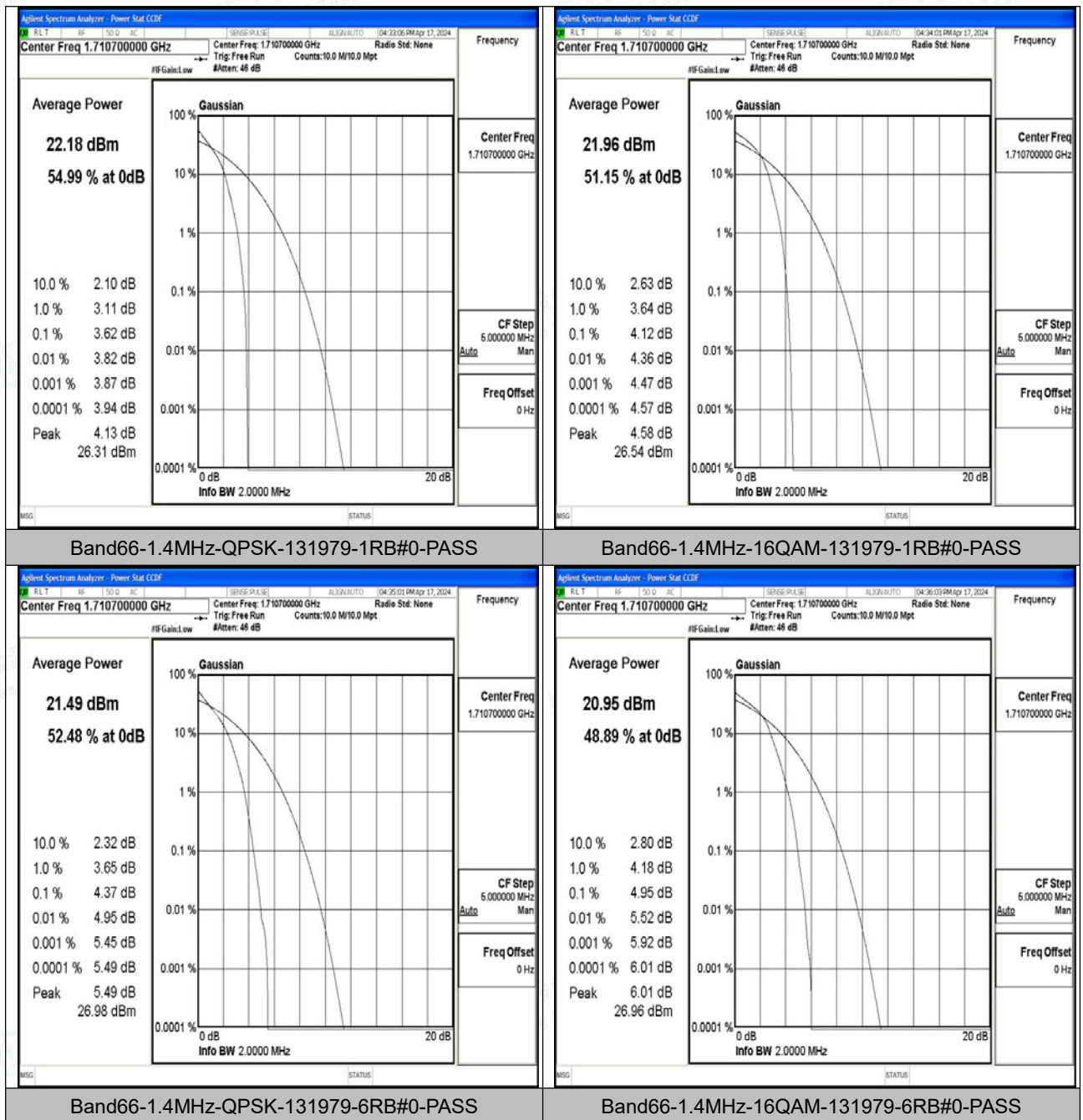
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

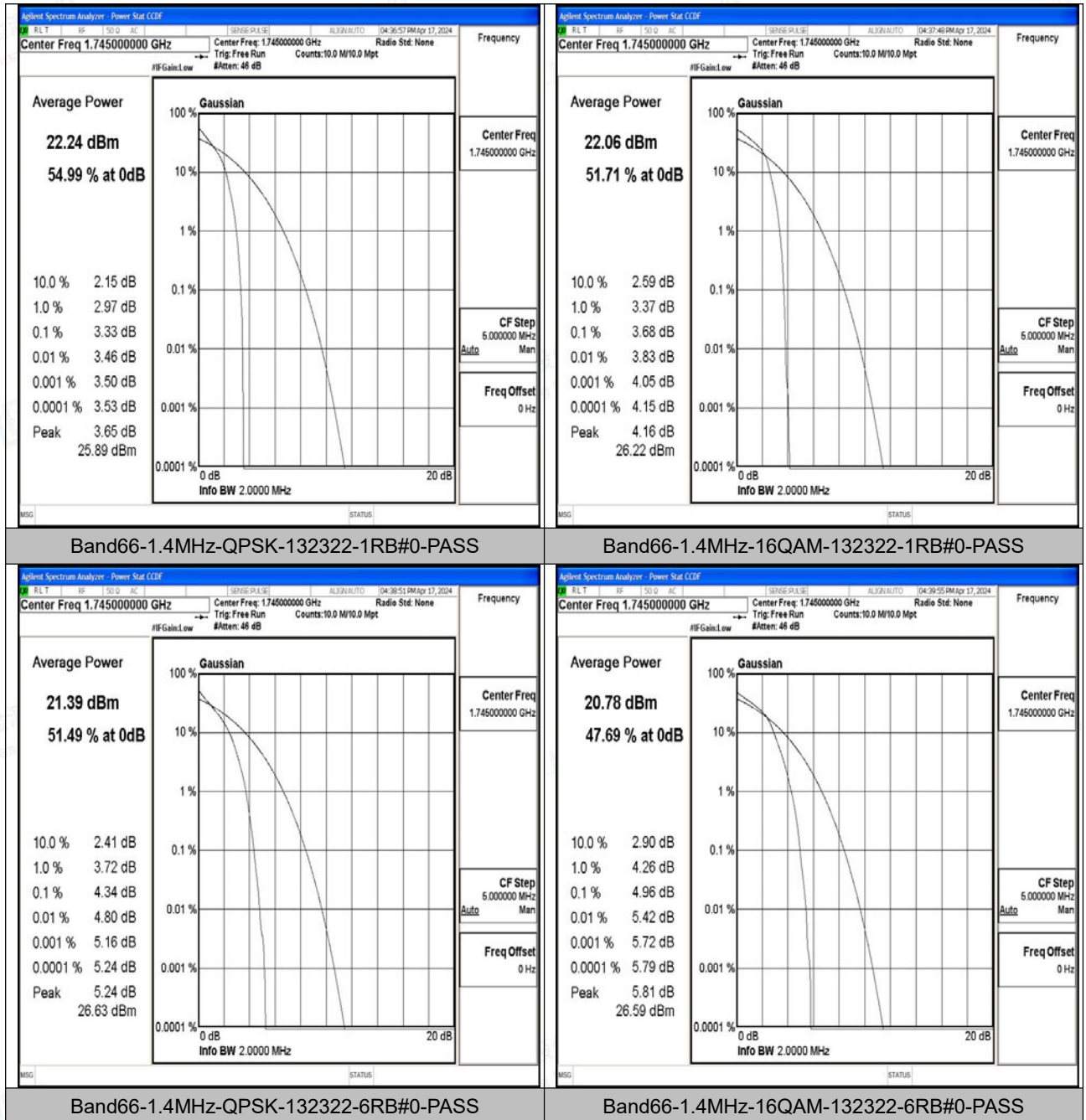
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



Test Graphs



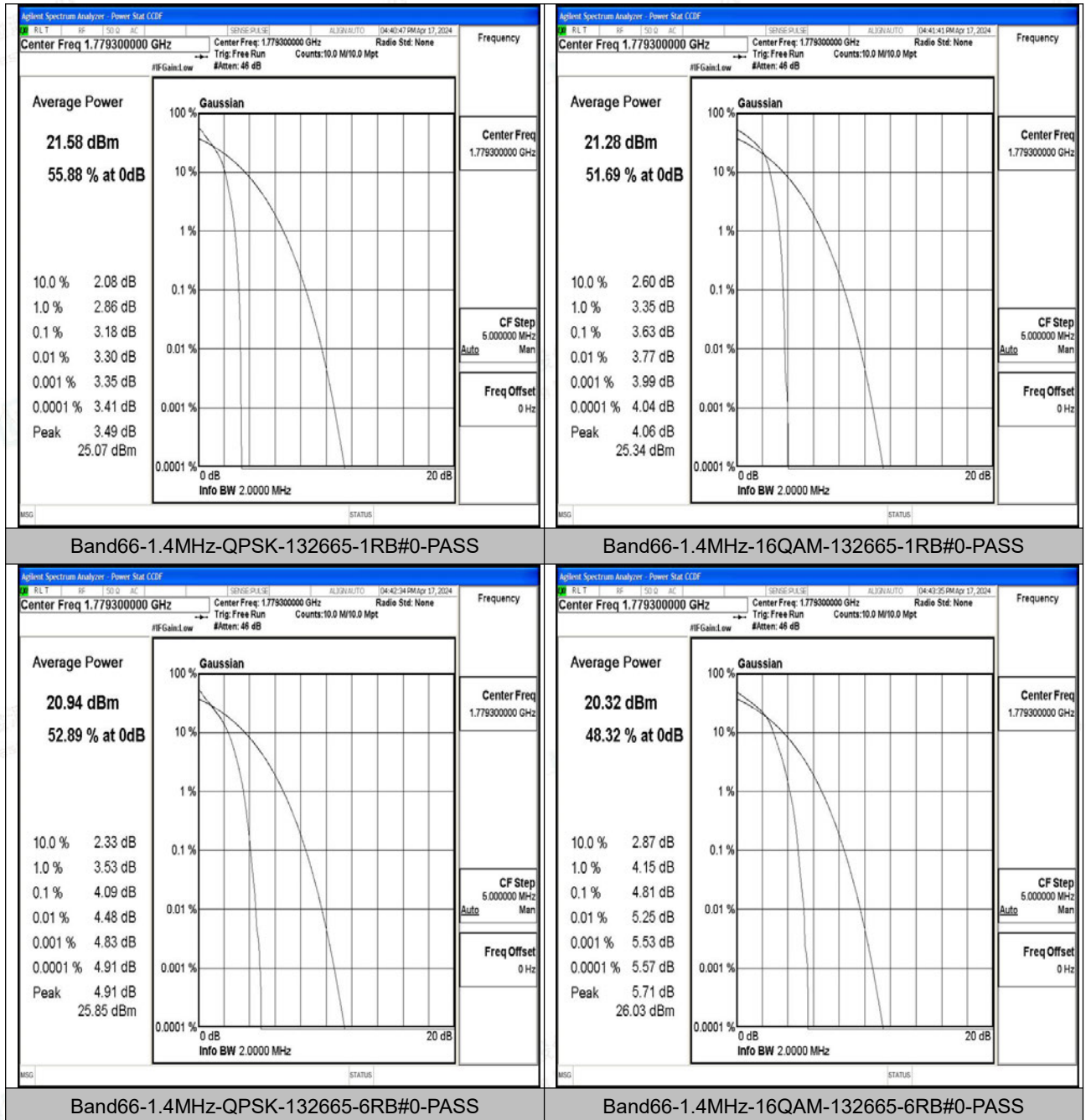


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

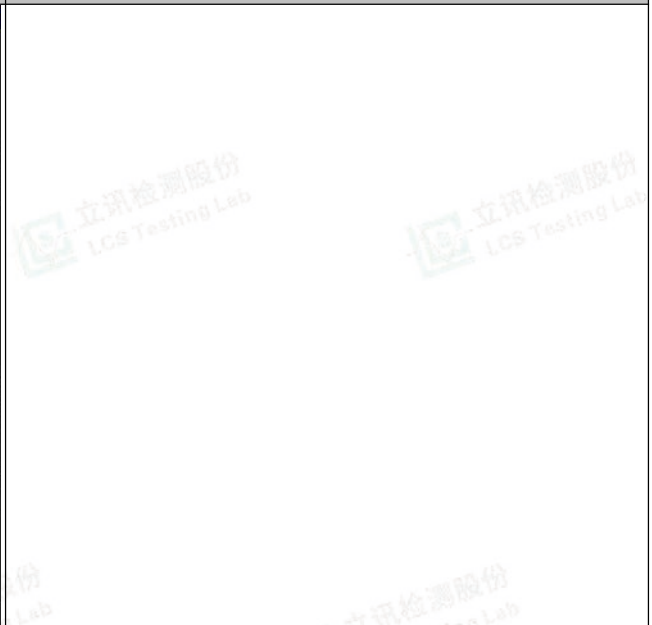
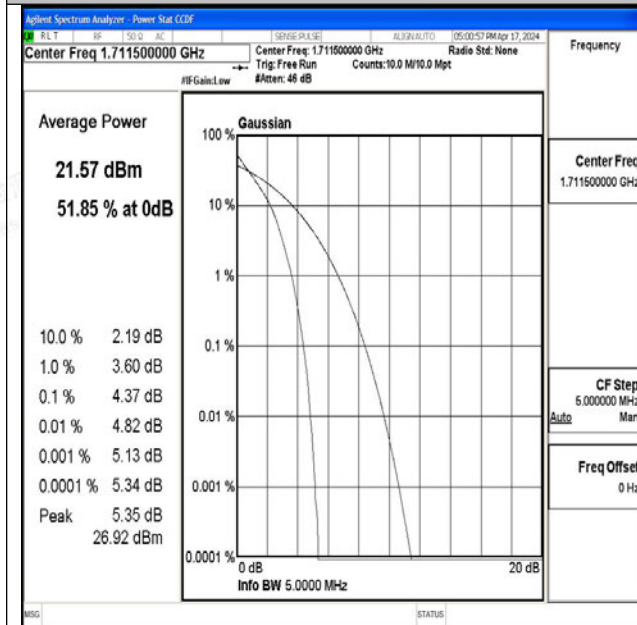
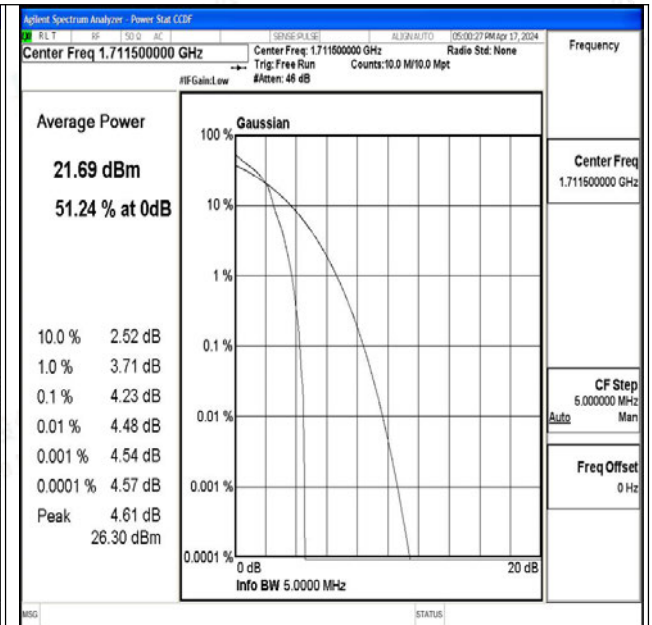
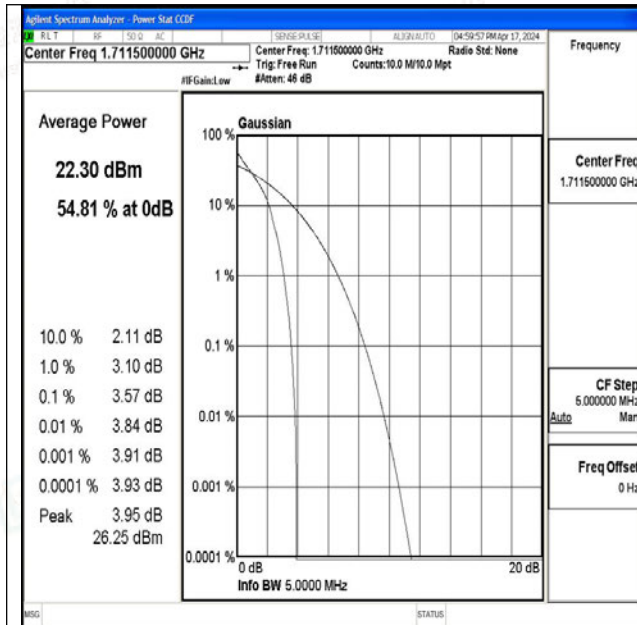


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

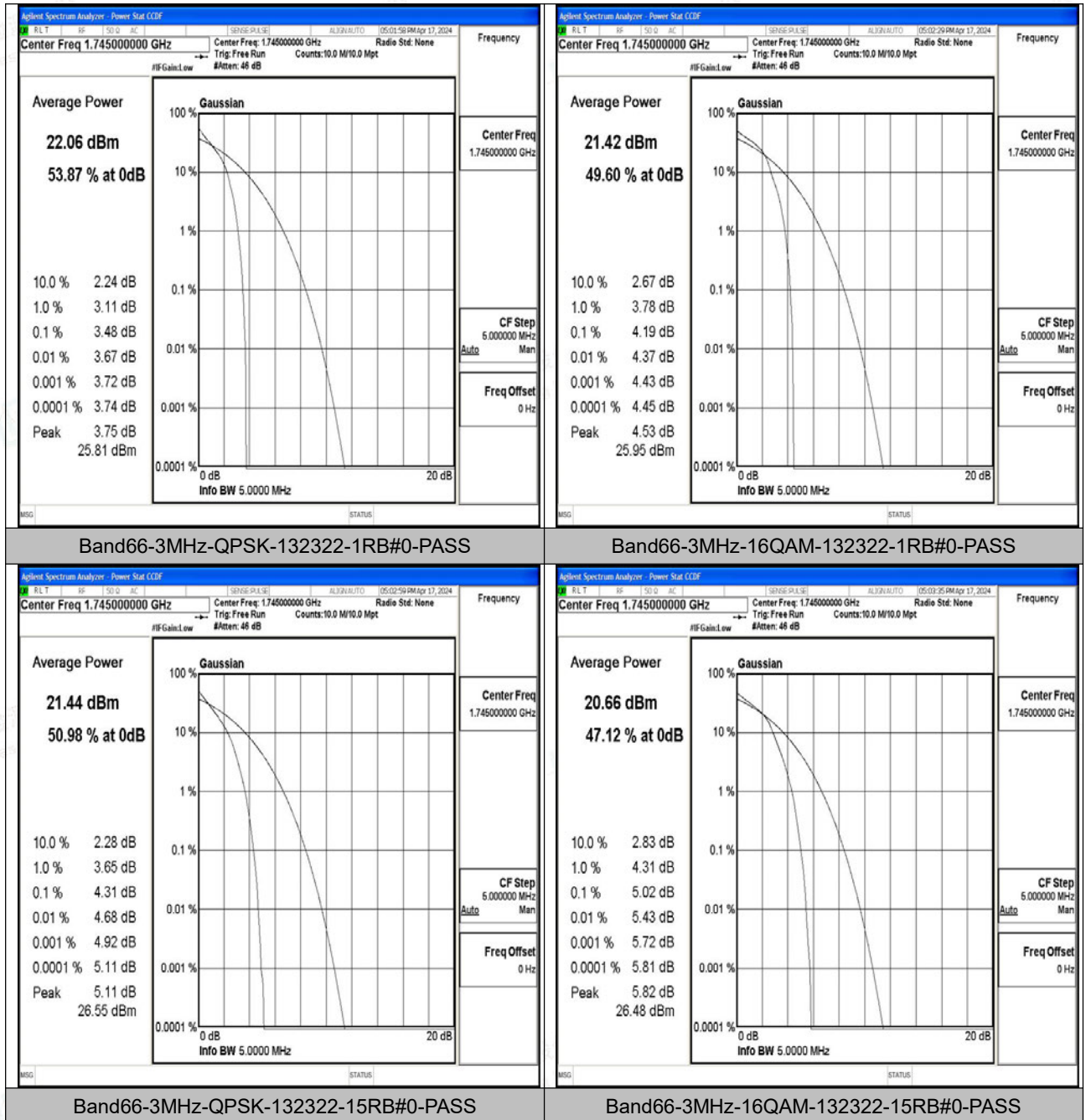


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

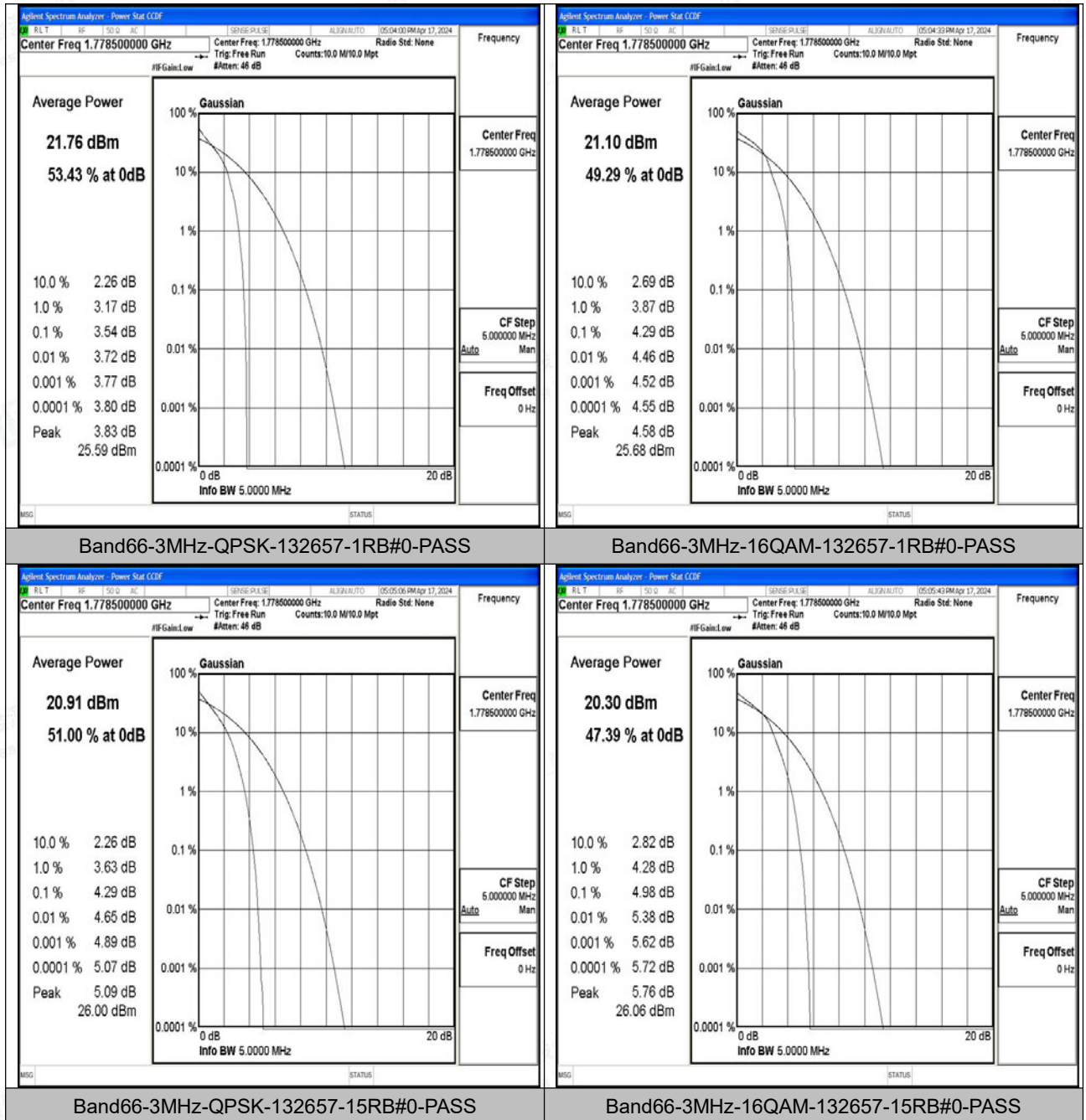


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

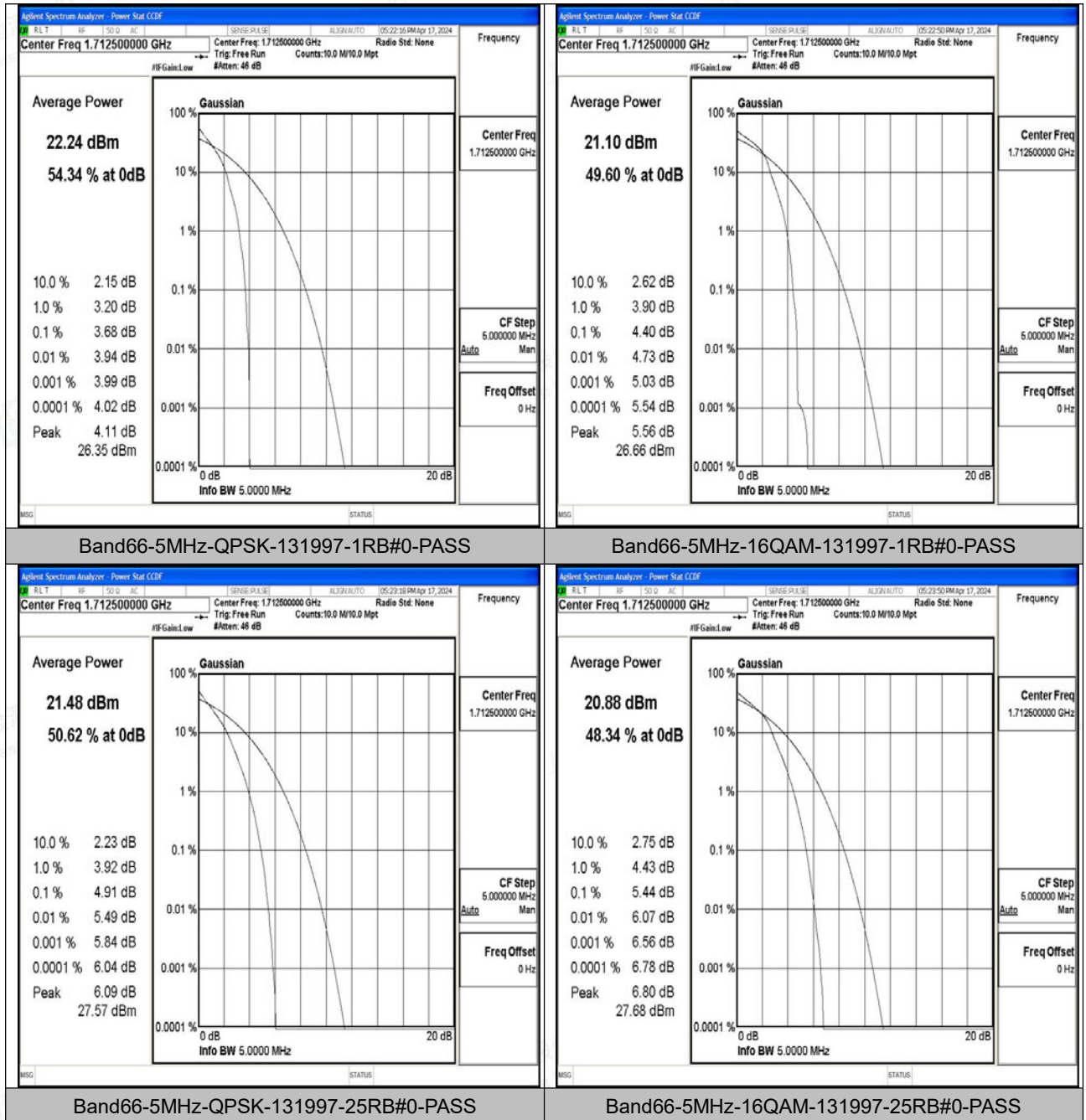


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

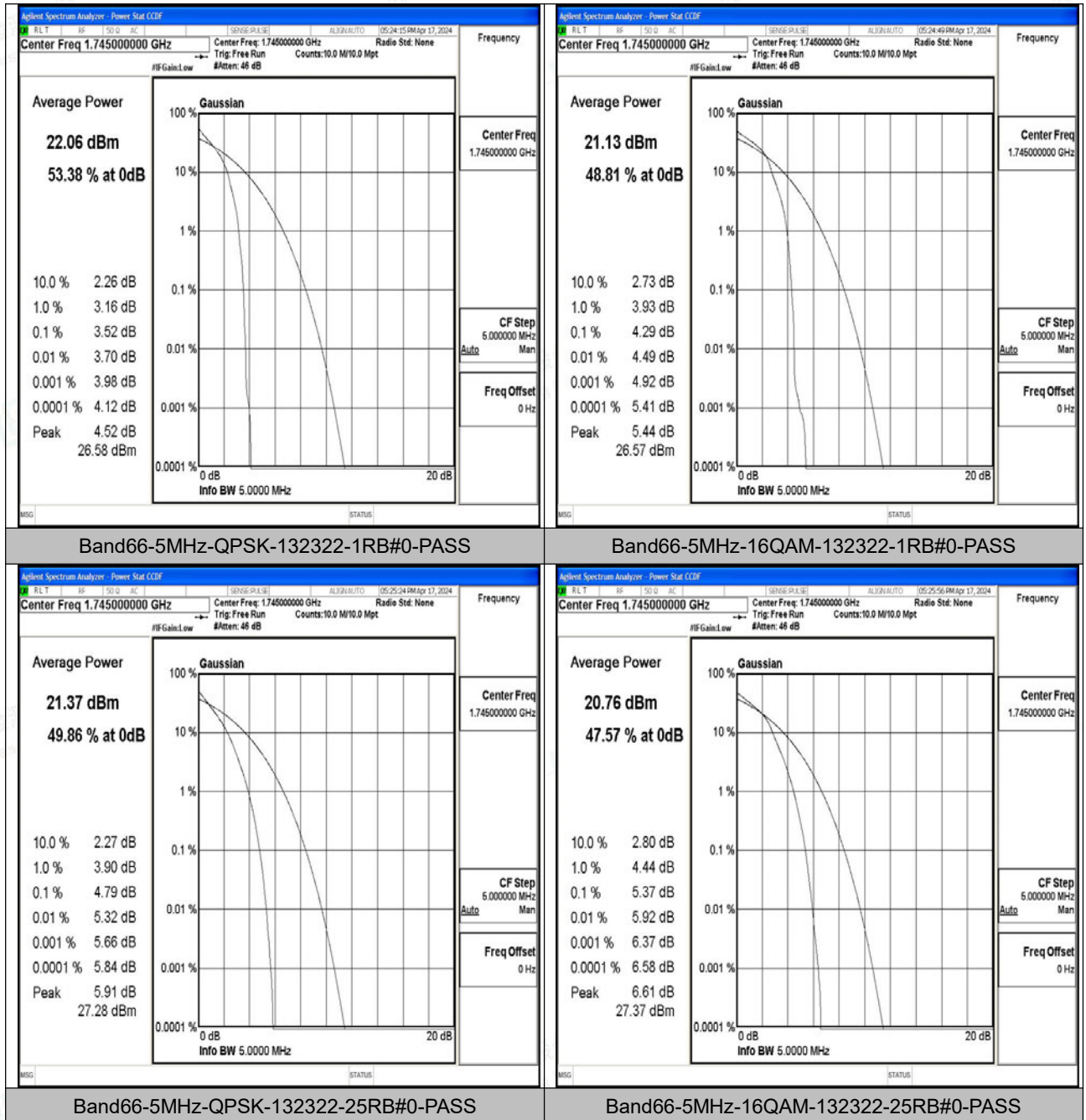


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

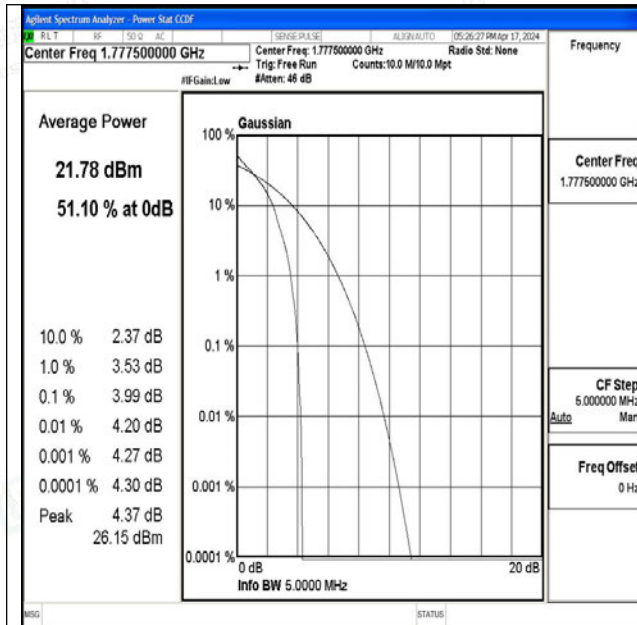


Shenzhen LCS Compliance Testing Laboratory Ltd.

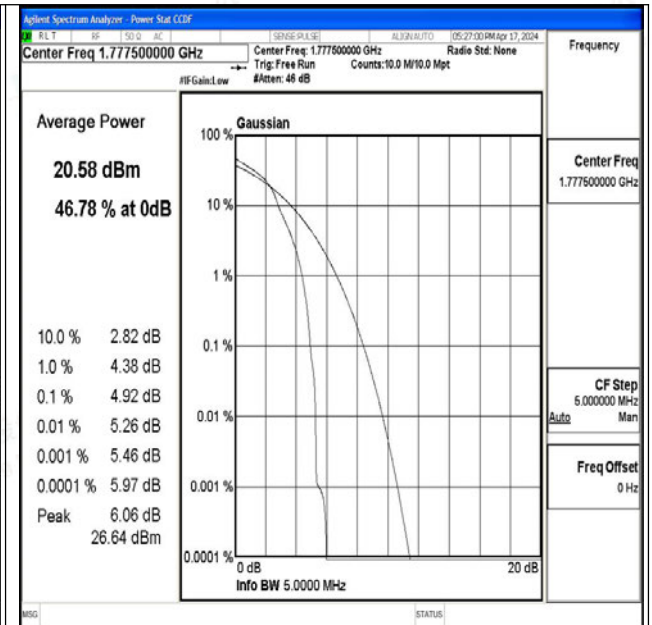
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

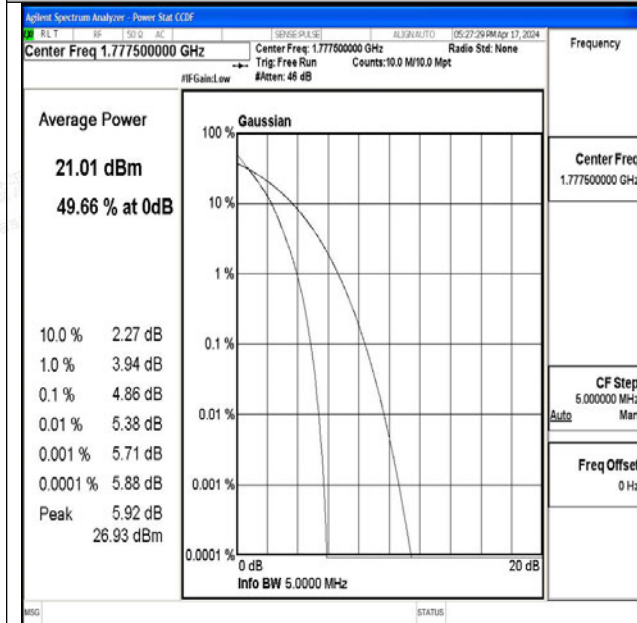
Scan code to check authenticity



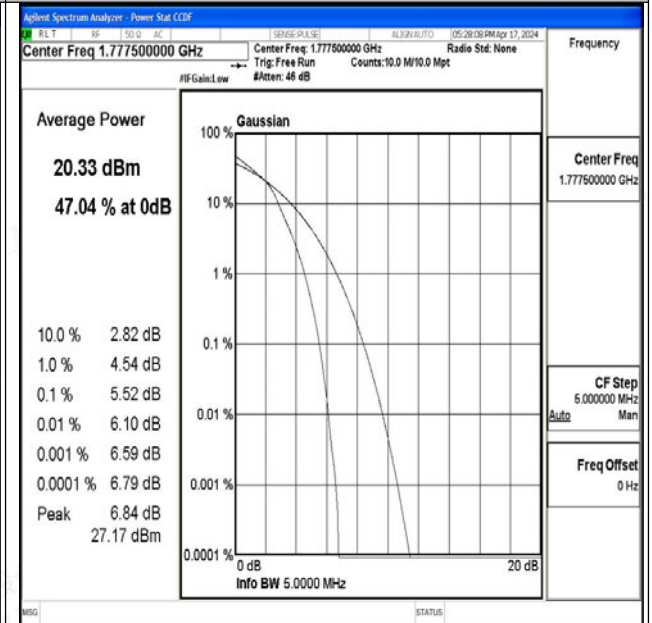
Band66-5MHz-QPSK-132647-1RB#0-PASS



Band66-5MHz-16QAM-132647-1RB#0-PASS



Band66-5MHz-QPSK-132647-25RB#0-PASS



Band66-5MHz-16QAM-132647-25RB#0-PASS

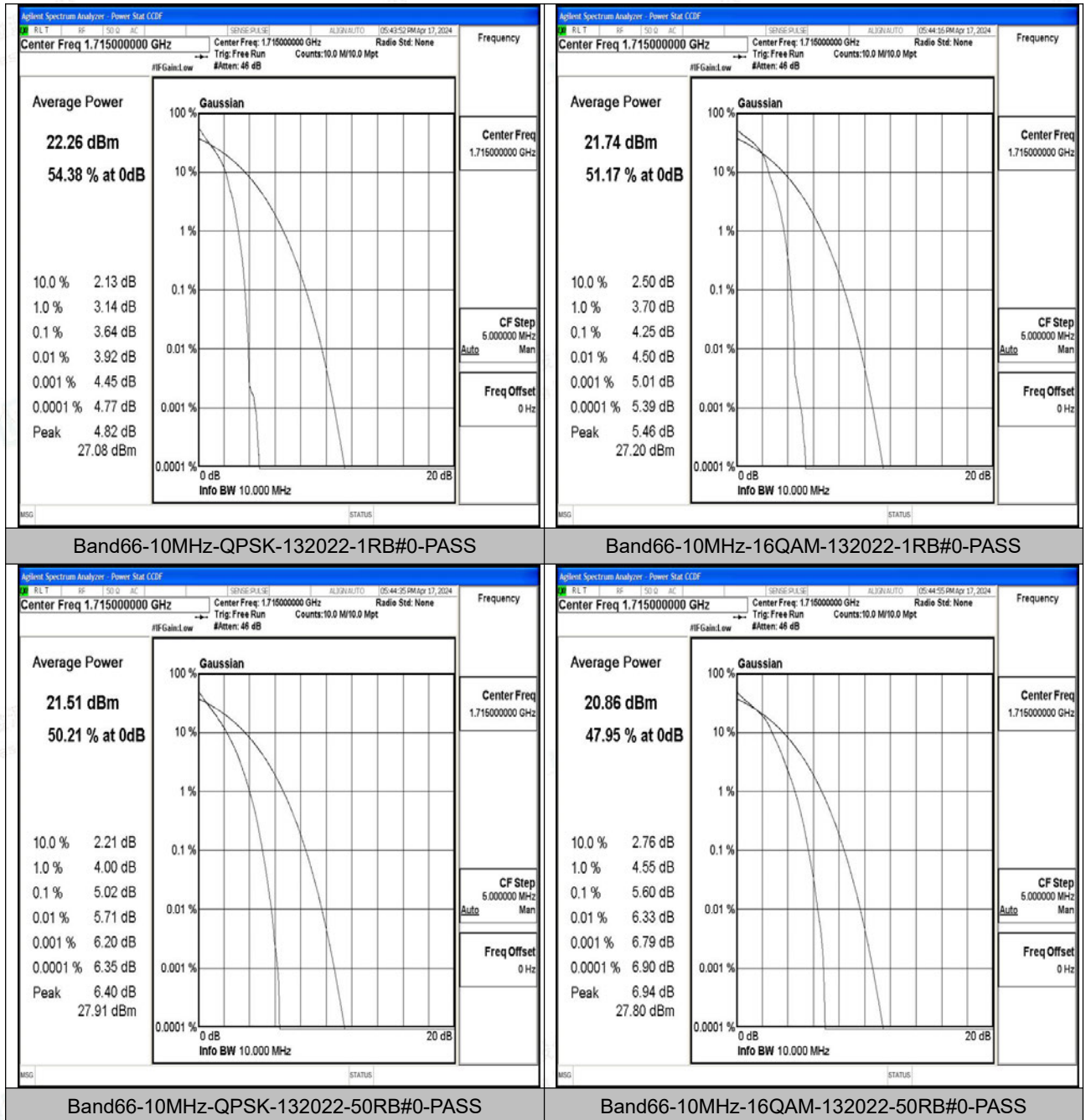


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

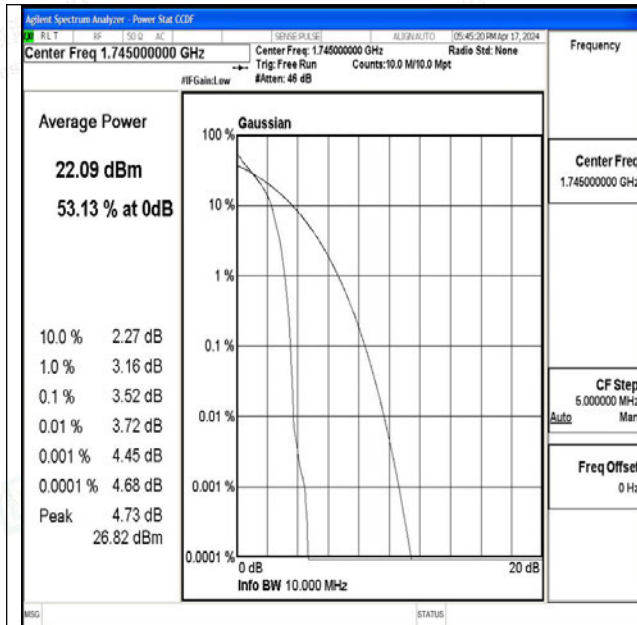


Shenzhen LCS Compliance Testing Laboratory Ltd.

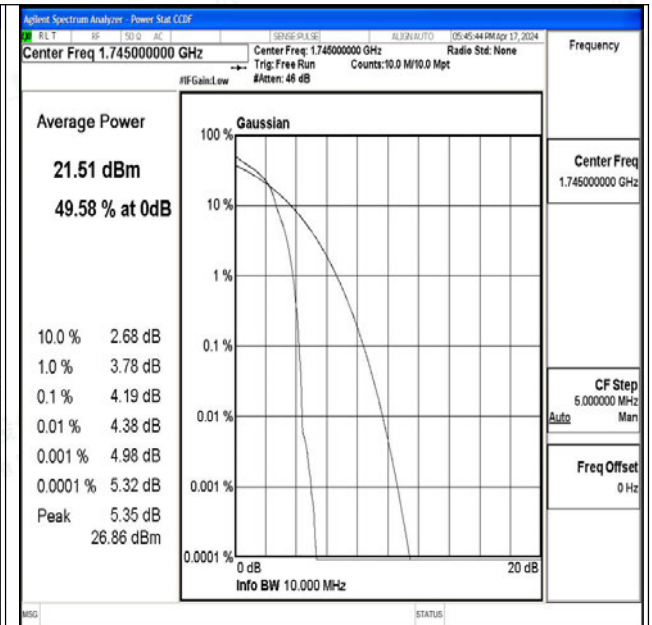
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

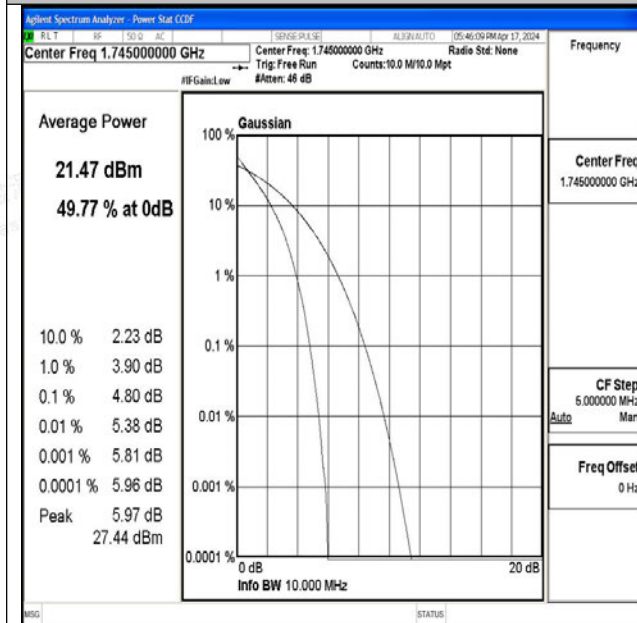
Scan code to check authenticity



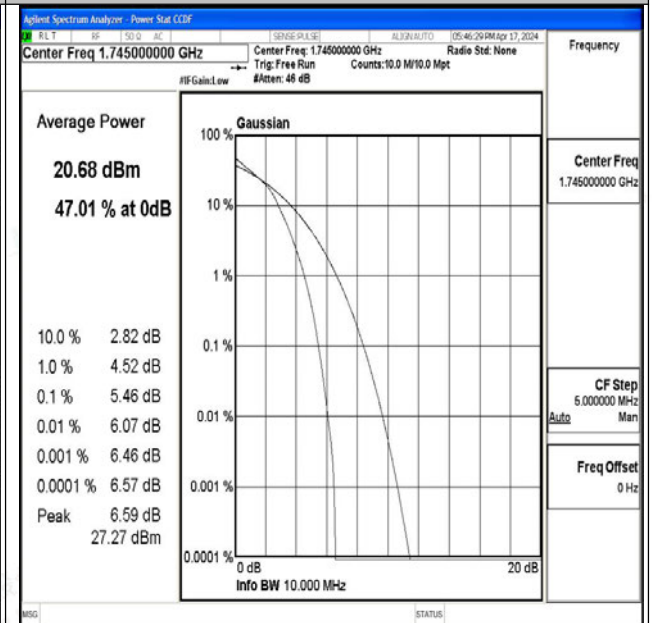
Band66-10MHz-QPSK-132322-1RB#0-PASS



Band66-10MHz-16QAM-132322-1RB#0-PASS



Band66-10MHz-QPSK-132322-50RB#0-PASS



Band66-10MHz-16QAM-132322-50RB#0-PASS

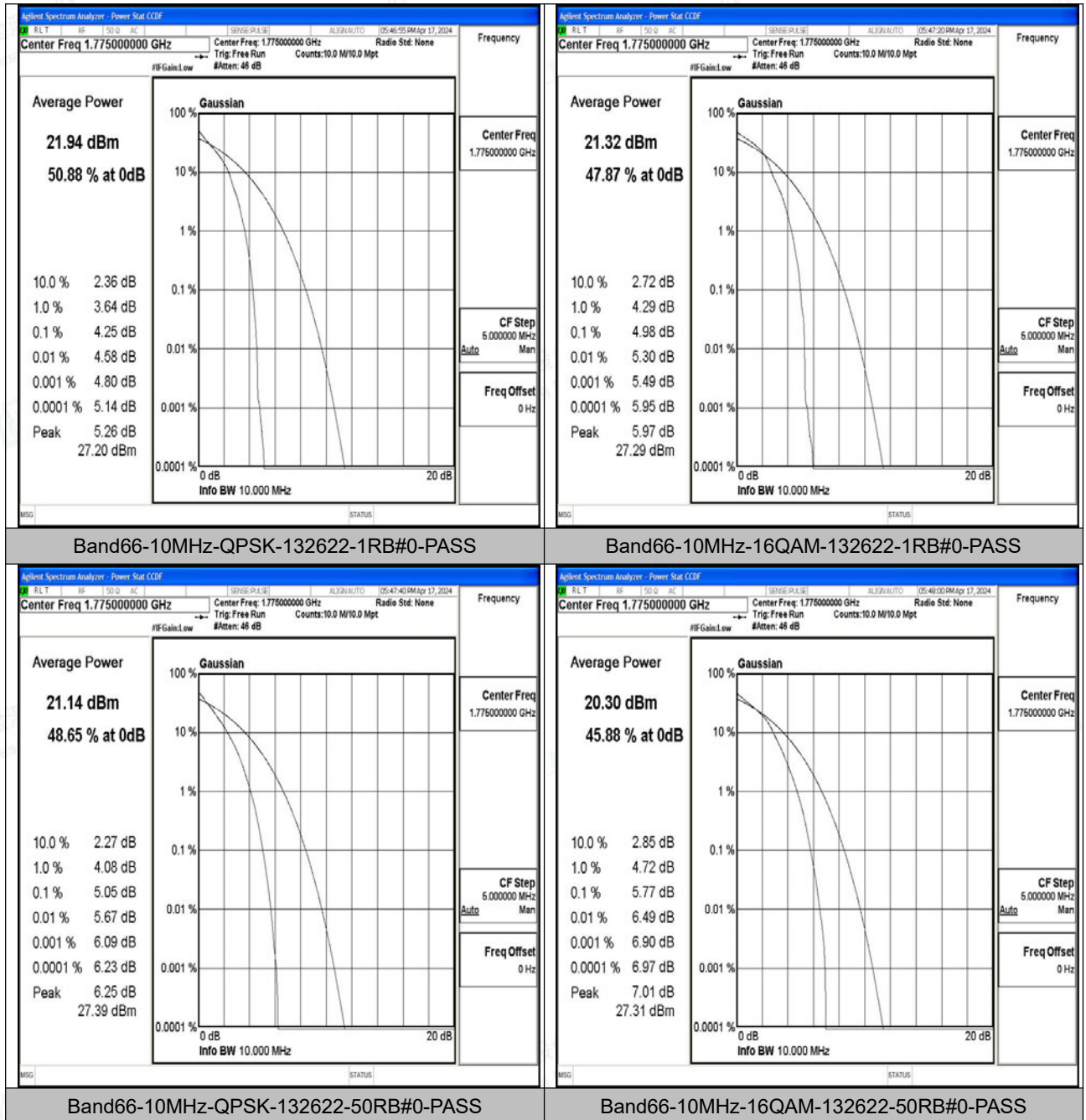


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

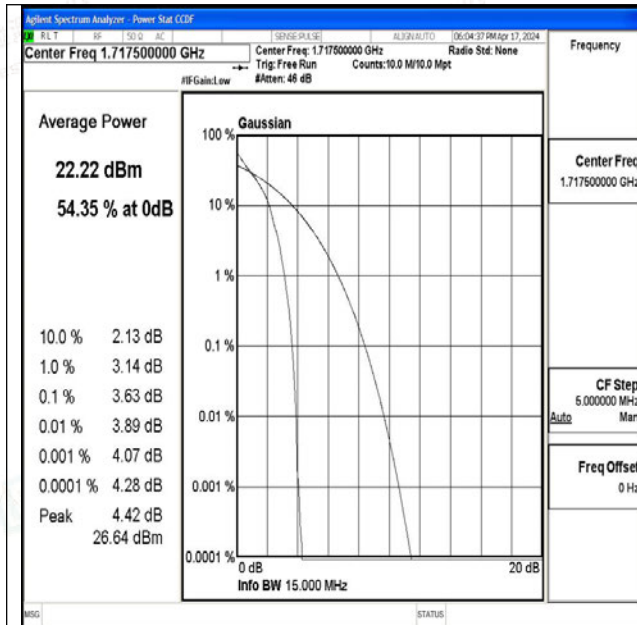


Shenzhen LCS Compliance Testing Laboratory Ltd.

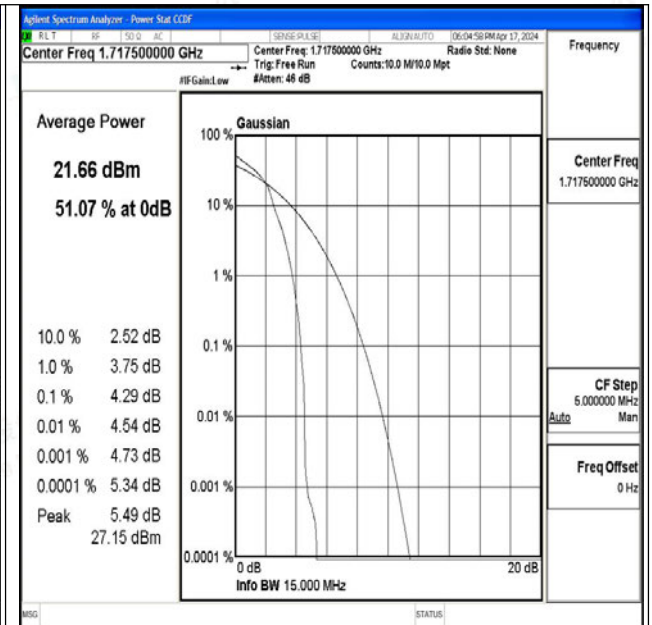
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

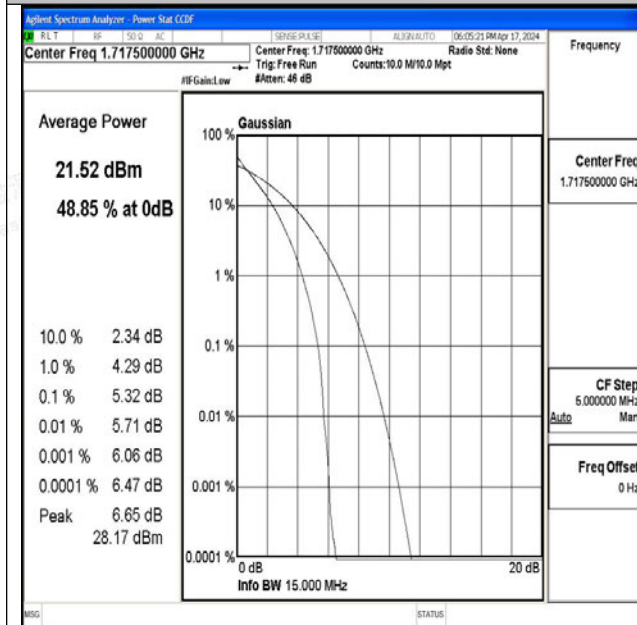
Scan code to check authenticity



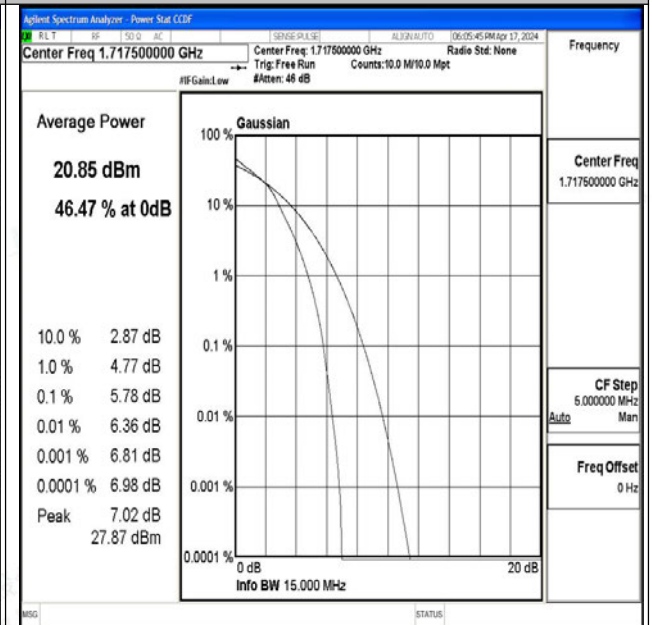
Band66-15MHz-QPSK-132047-1RB#0-PASS



Band66-15MHz-16QAM-132047-1RB#0-PASS



Band66-15MHz-QPSK-132047-75RB#0-PASS



Band66-15MHz-16QAM-132047-75RB#0-PASS

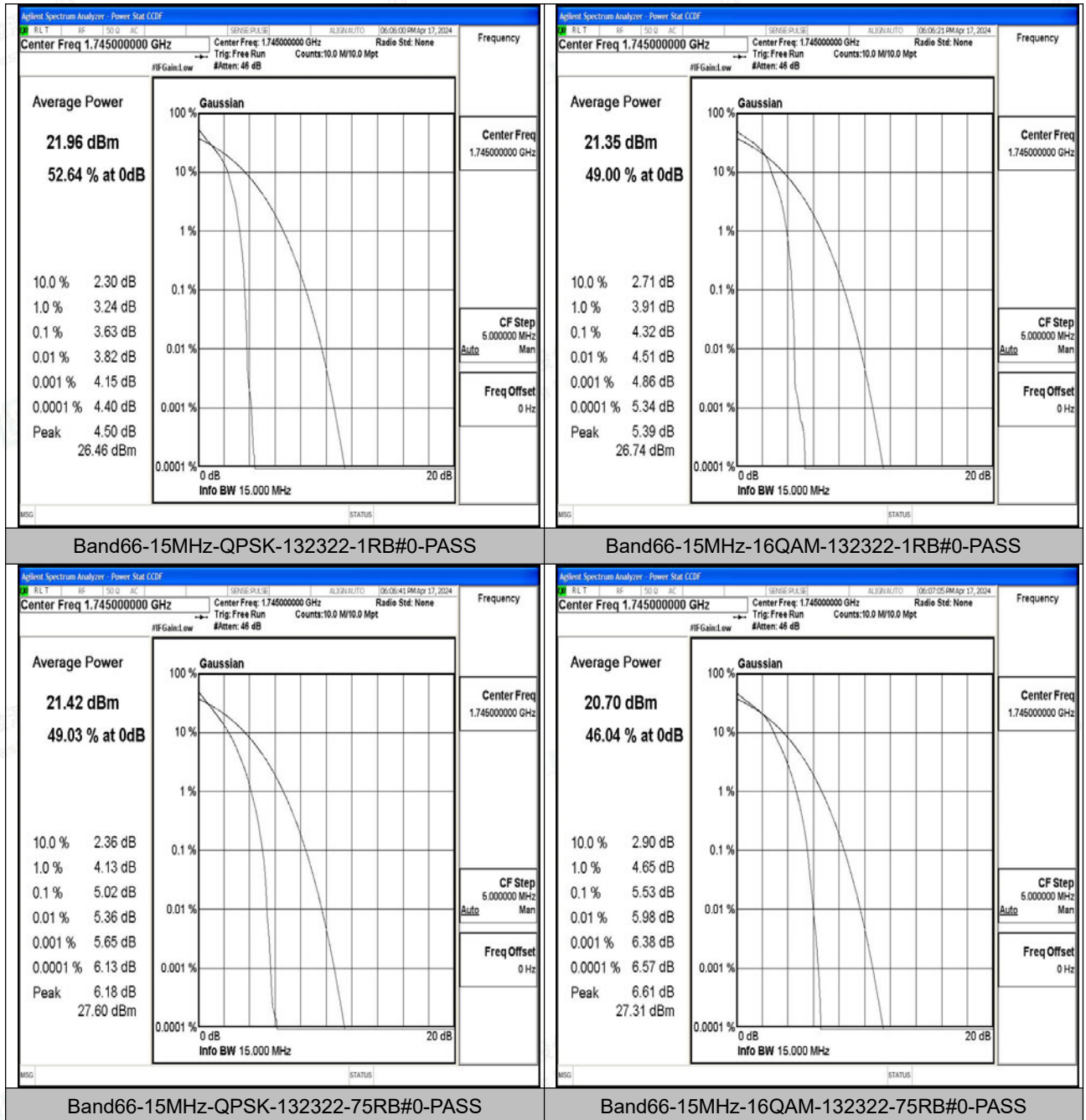


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

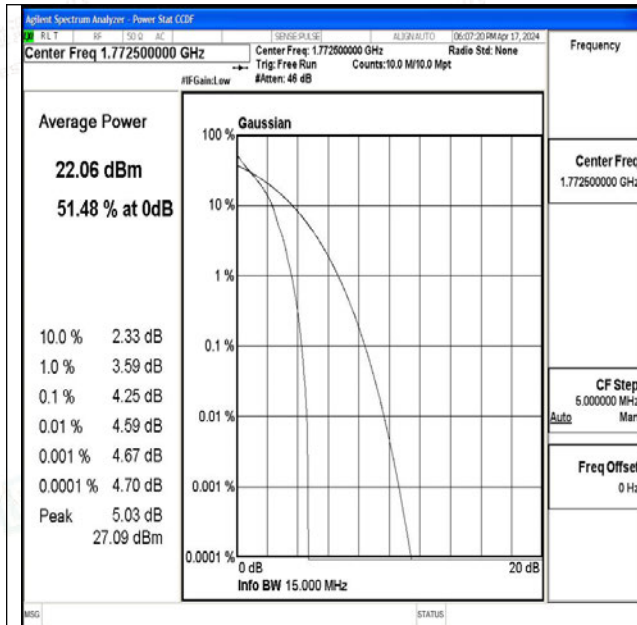


Shenzhen LCS Compliance Testing Laboratory Ltd.

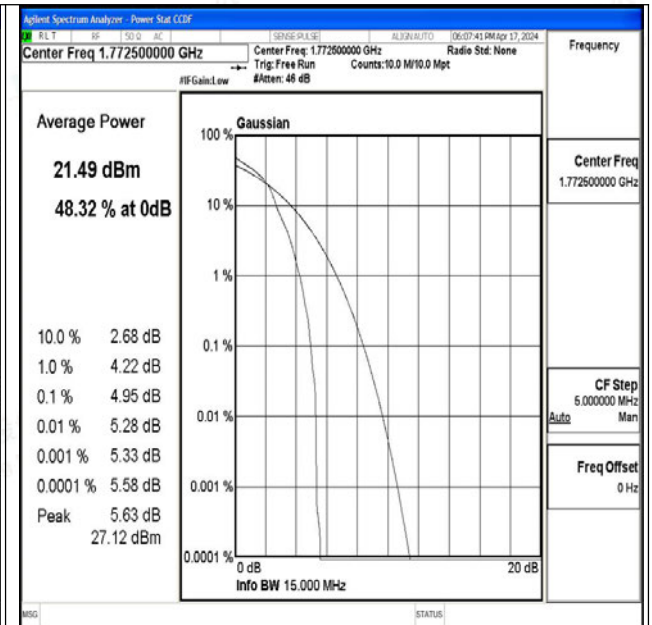
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

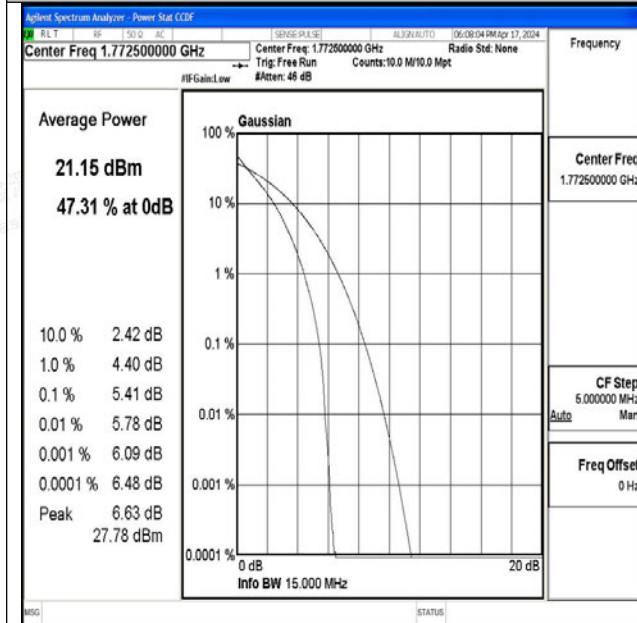
Scan code to check authenticity



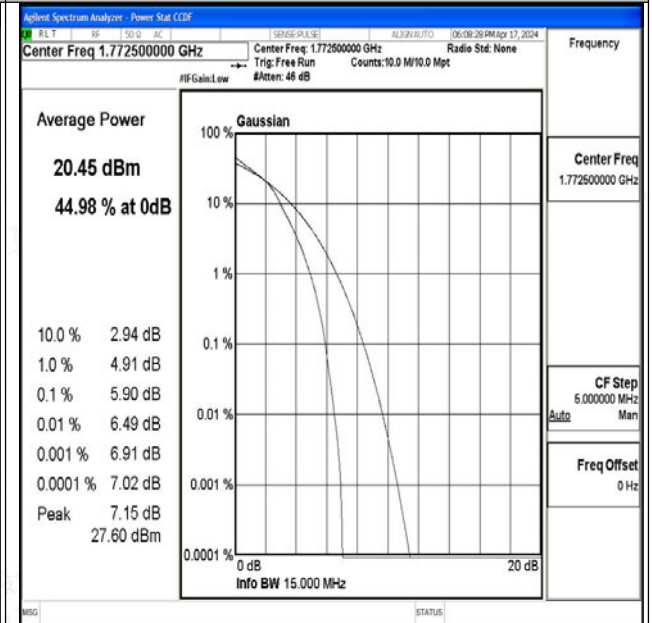
Band66-15MHz-QPSK-132597-1RB#0-PASS



Band66-15MHz-16QAM-132597-1RB#0-PASS



Band66-15MHz-QPSK-132597-75RB#0-PASS



Band66-15MHz-16QAM-132597-75RB#0-PASS

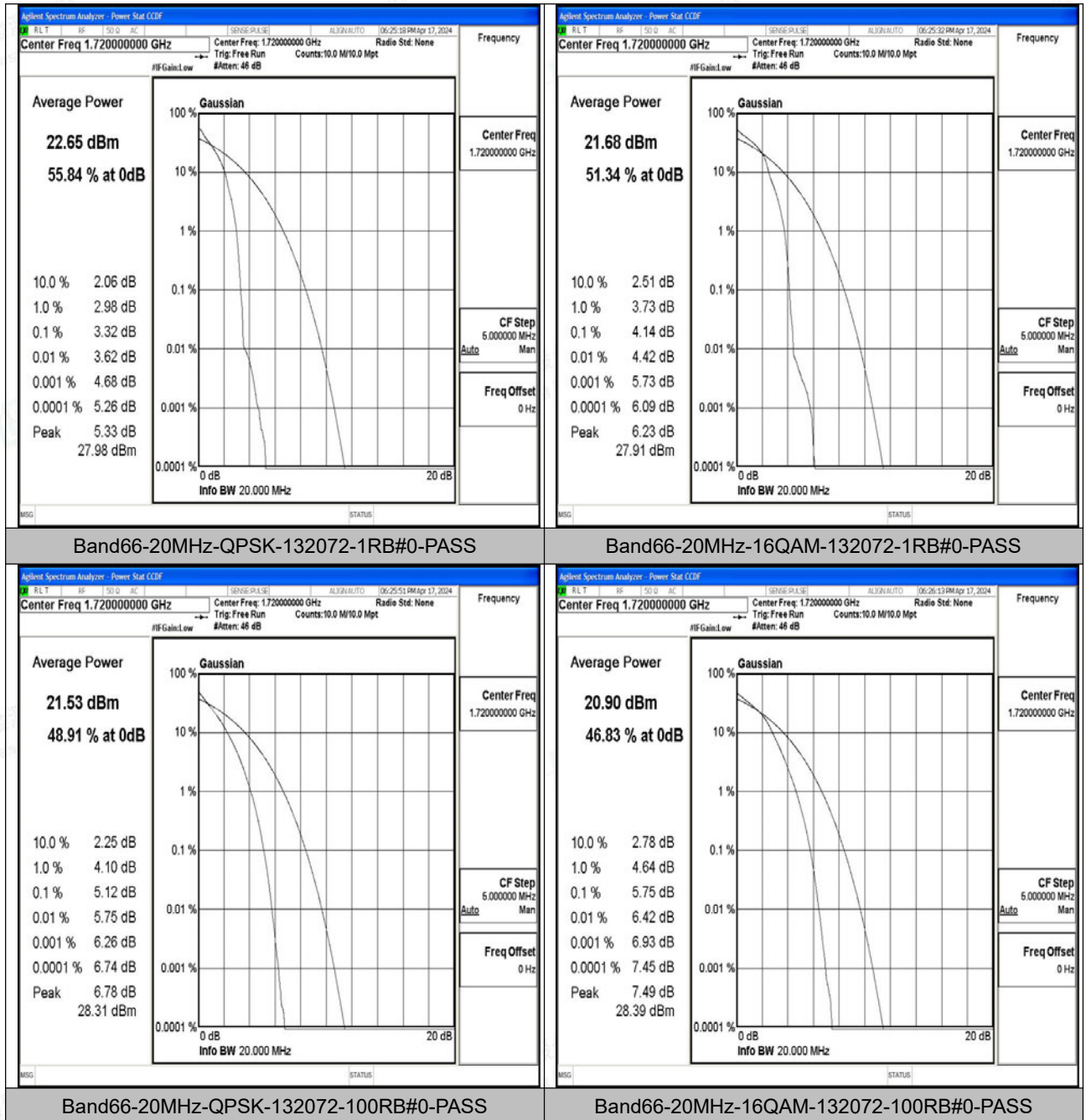


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

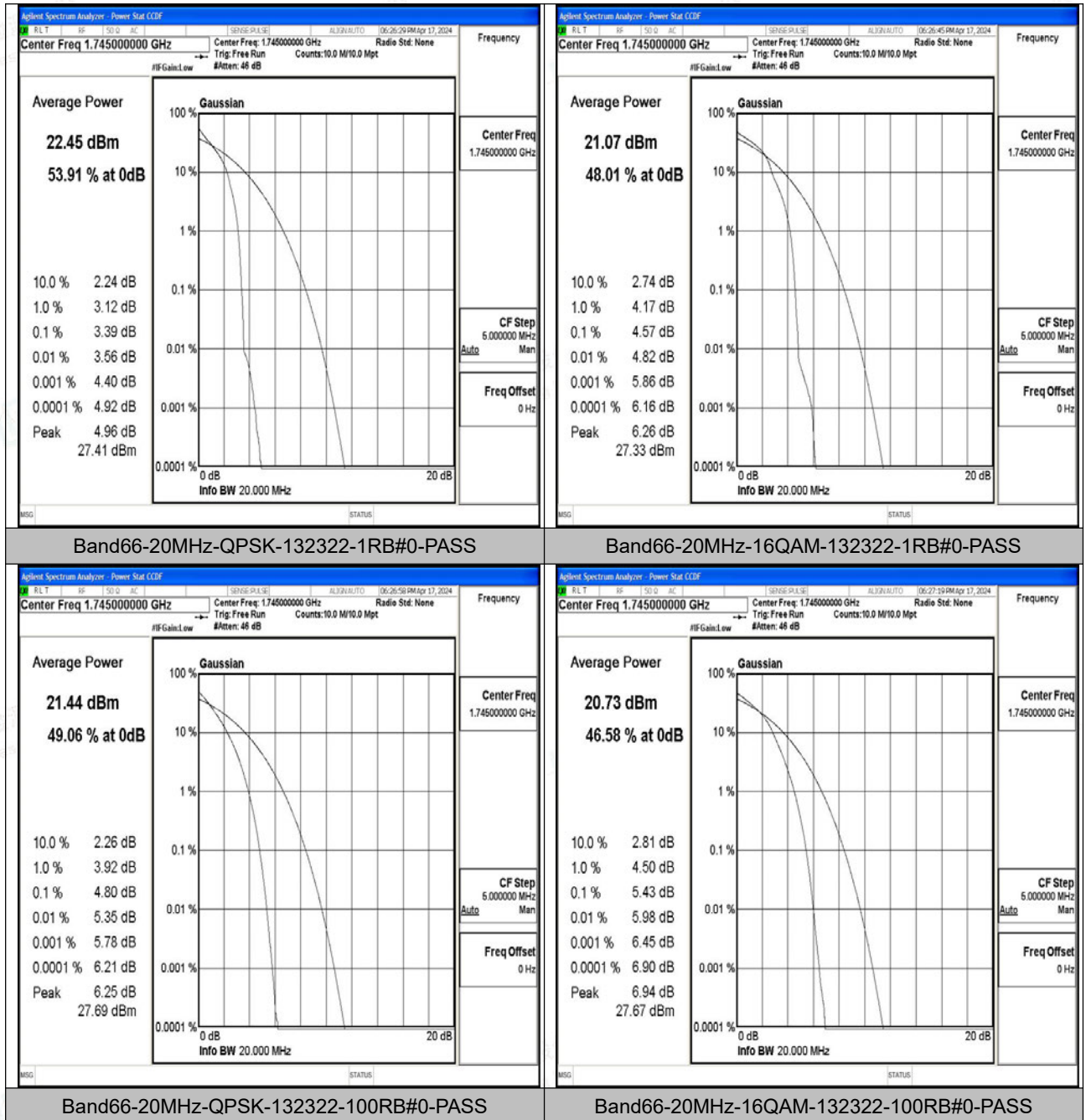


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

Tel: +(86) 0755-85291330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

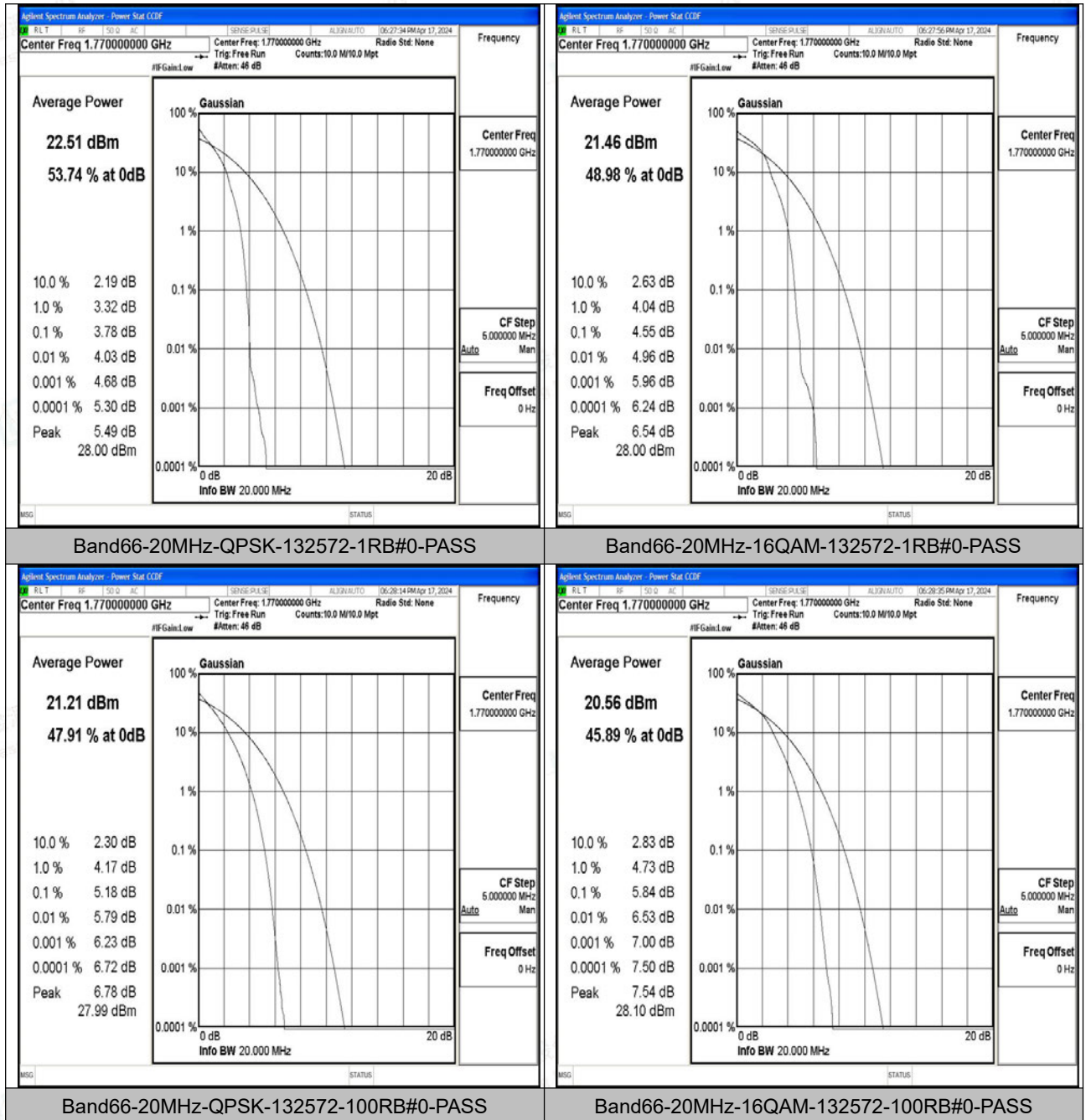


Shenzhen LCS Compliance Testing Laboratory Ltd.

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



O.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	1.0964	1.332	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.1034	1.366	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0955	1.461	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.1055	1.399	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.0993	1.437	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.1085	1.393	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.7196	3.221	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.6994	3.183	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.7189	3.234	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.7069	3.127	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.7175	3.142	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.7020	3.163	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.5251	5.403	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.5247	5.322	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.5275	5.336	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.5272	5.513	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.5357	5.315	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.5321	5.221	PASS
Band66	10MHz	QPSK	132022	50RB#0	9.0048	10.11	PASS
Band66	10MHz	16QAM	132022	50RB#0	9.0243	10.07	PASS
Band66	10MHz	QPSK	132322	50RB#0	9.0074	10.23	PASS
Band66	10MHz	16QAM	132322	50RB#0	9.0126	10.11	PASS
Band66	10MHz	QPSK	132622	50RB#0	9.0043	10.12	PASS
Band66	10MHz	16QAM	132622	50RB#0	9.0030	10.26	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.493	15.35	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.504	15.12	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.521	15.12	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.494	15.09	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.525	15.40	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.538	15.06	PASS
Band66	20MHz	QPSK	132072	100RB#0	18.034	20.06	PASS
Band66	20MHz	16QAM	132072	100RB#0	18.026	20.21	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.976	20.05	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.991	19.99	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



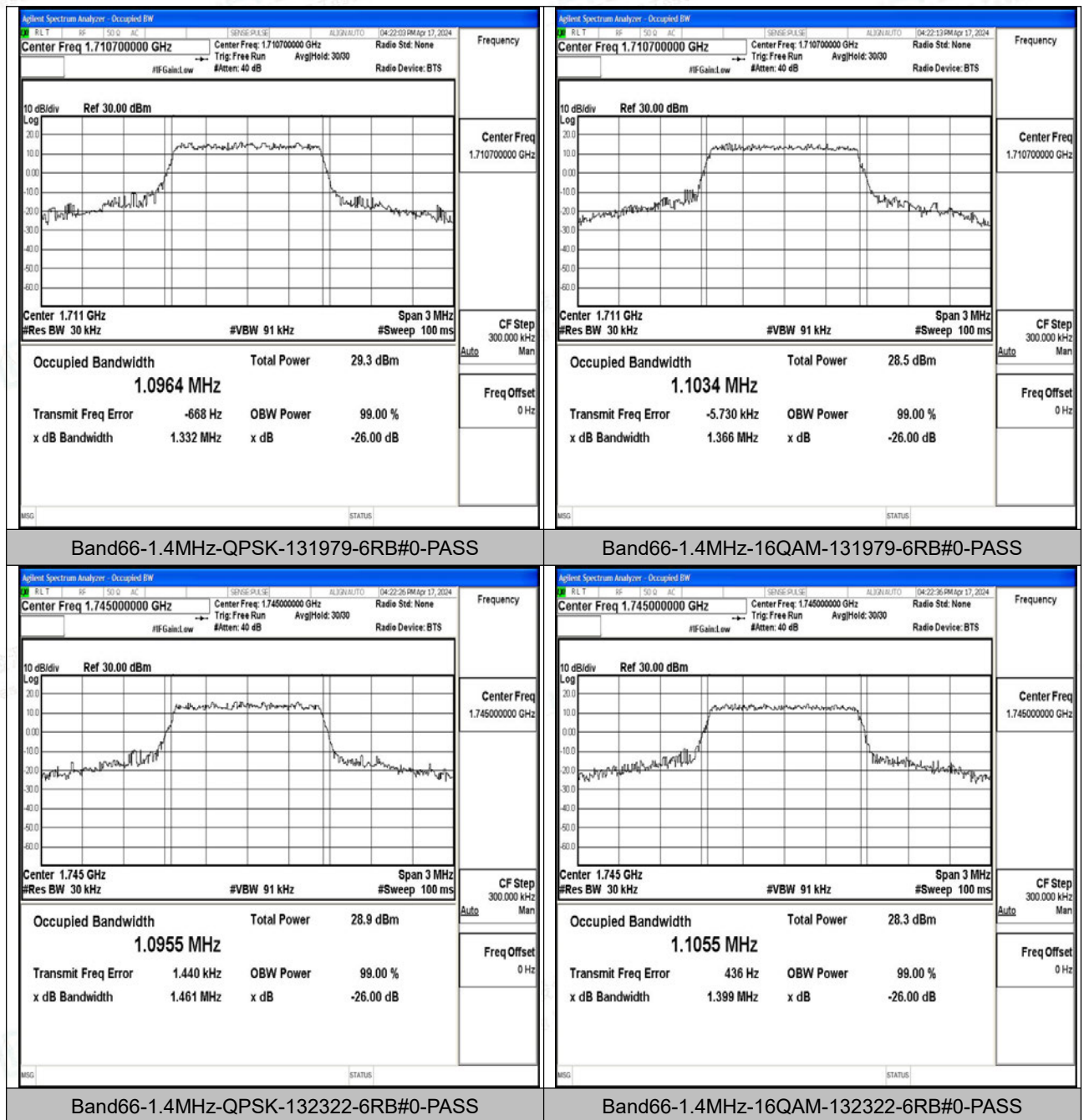
Band66	20MHz	QPSK	132572	100RB#0	18.009	20.11	PASS
Band66	20MHz	16QAM	132572	100RB#0	18.072	20.30	PASS

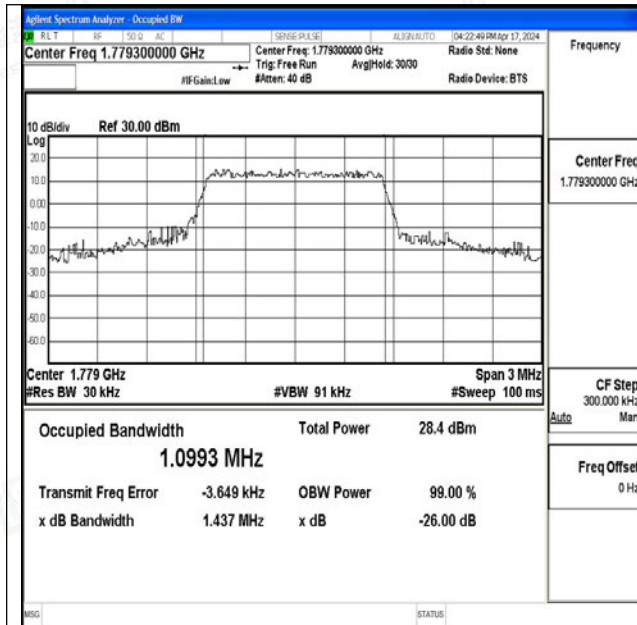


Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

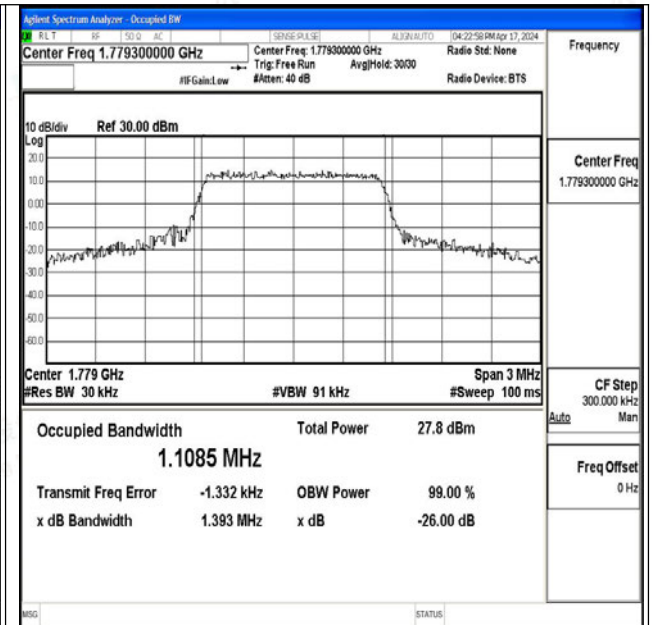


Test Graphs

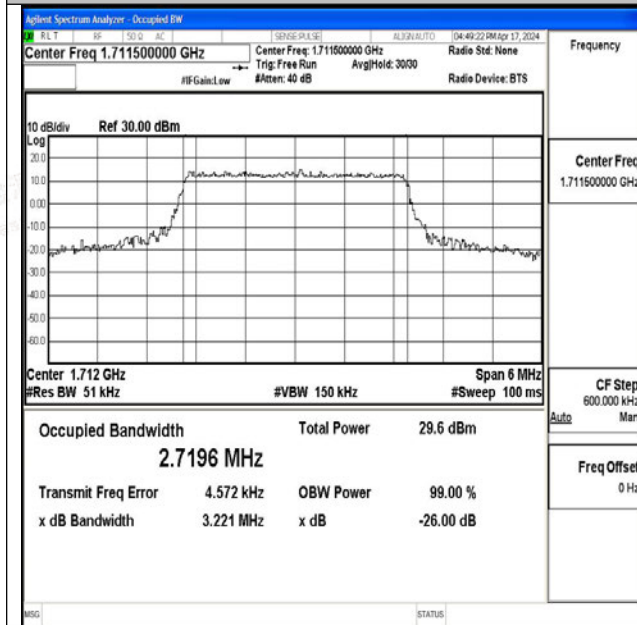




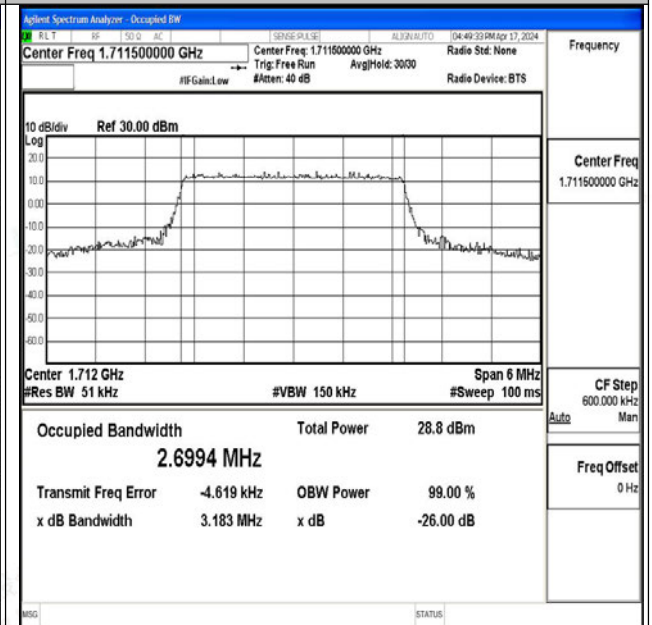
Band66-1.4MHz-QPSK-132665-6RB#0-PASS



Band66-1.4MHz-16QAM-132665-6RB#0-PASS



Band66-3MHz-QPSK-131987-15RB#0-PASS



Band66-3MHz-16QAM-131987-15RB#0-PASS

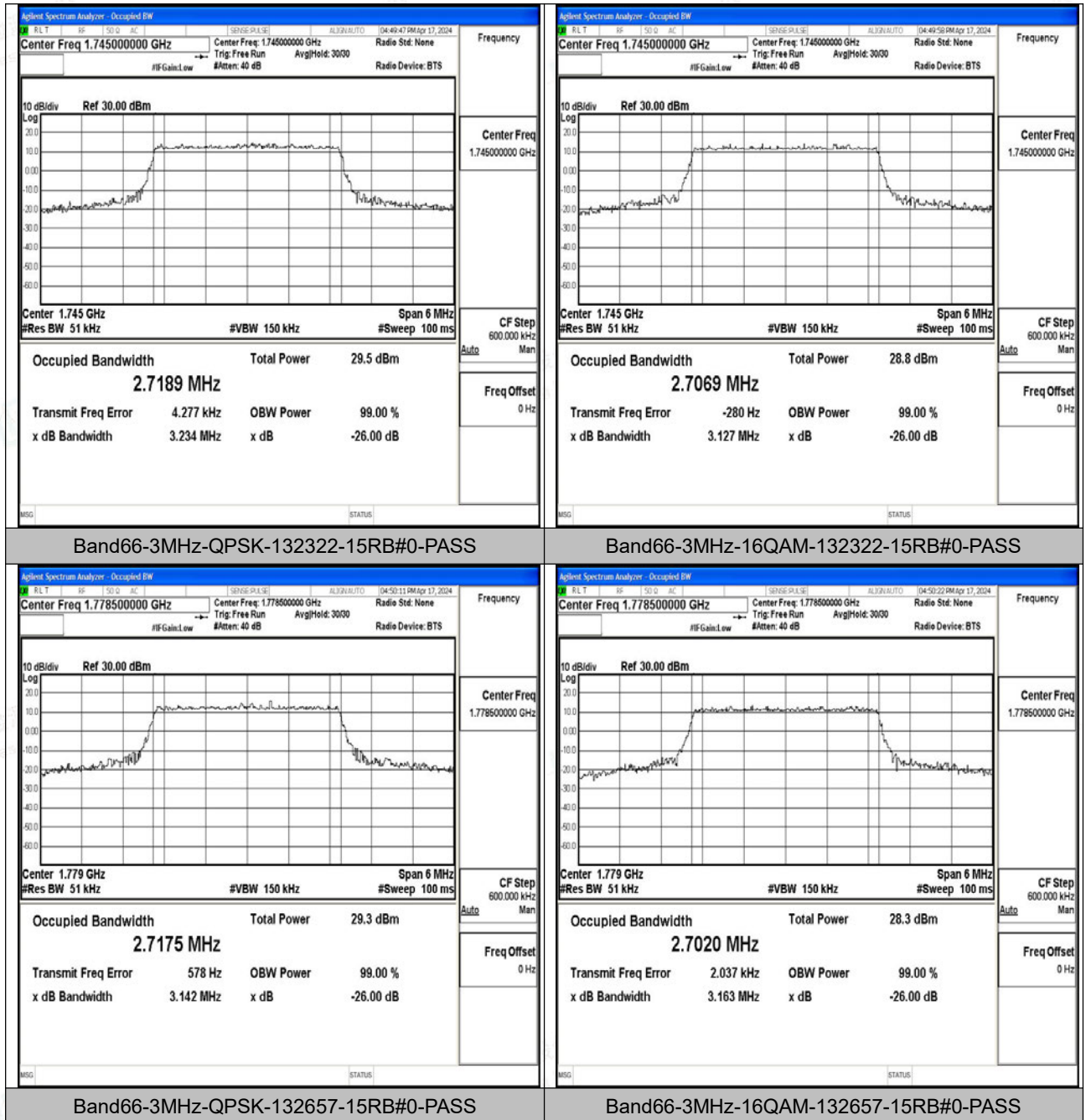


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

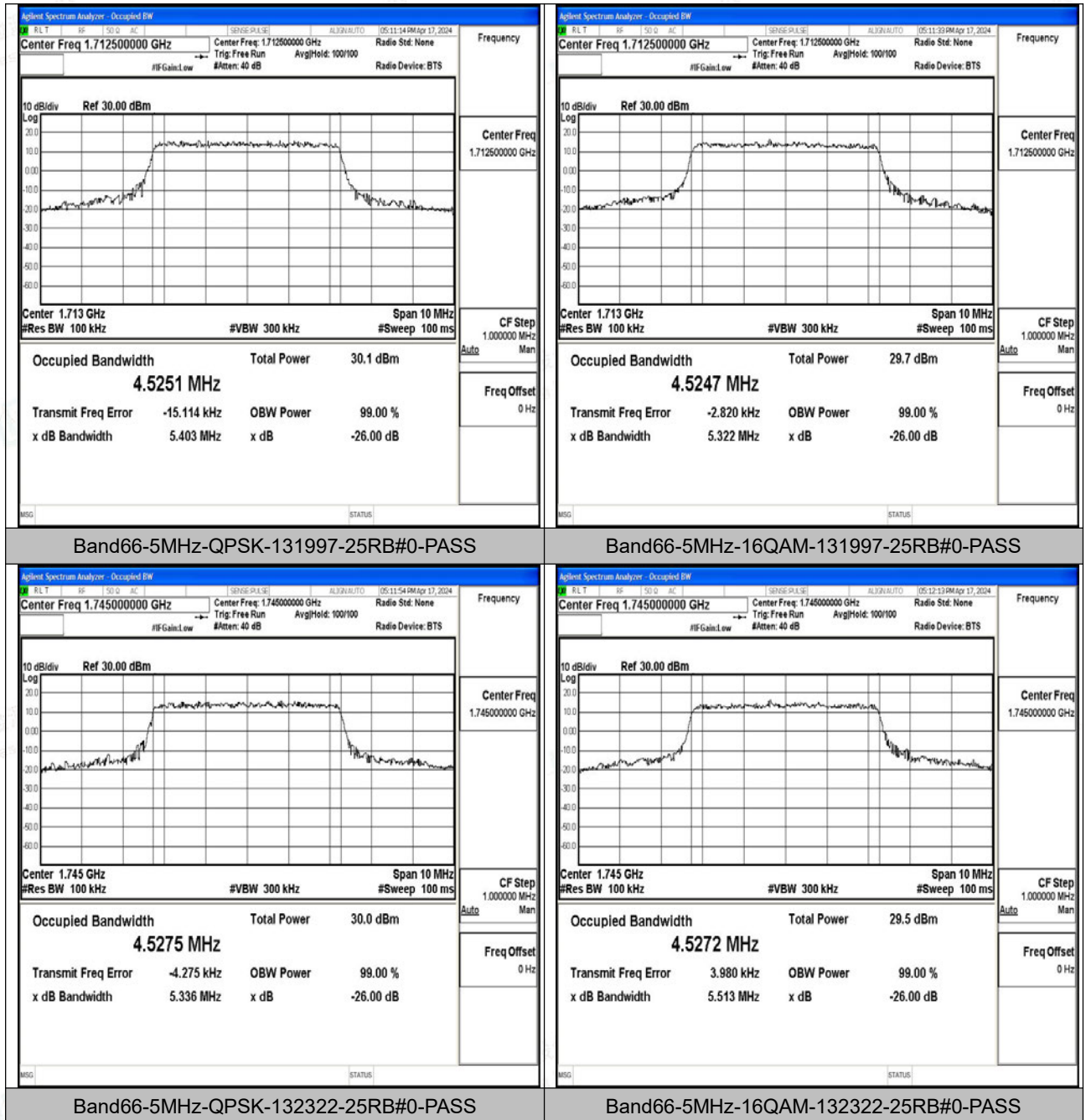


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

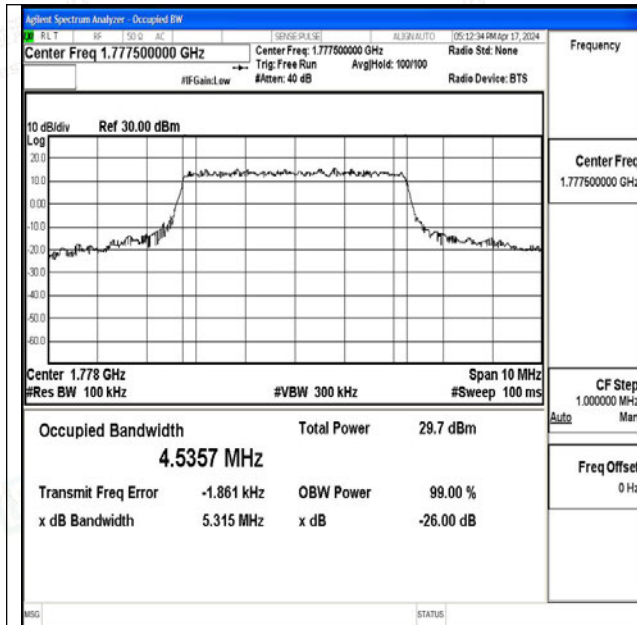


Shenzhen LCS Compliance Testing Laboratory Ltd.

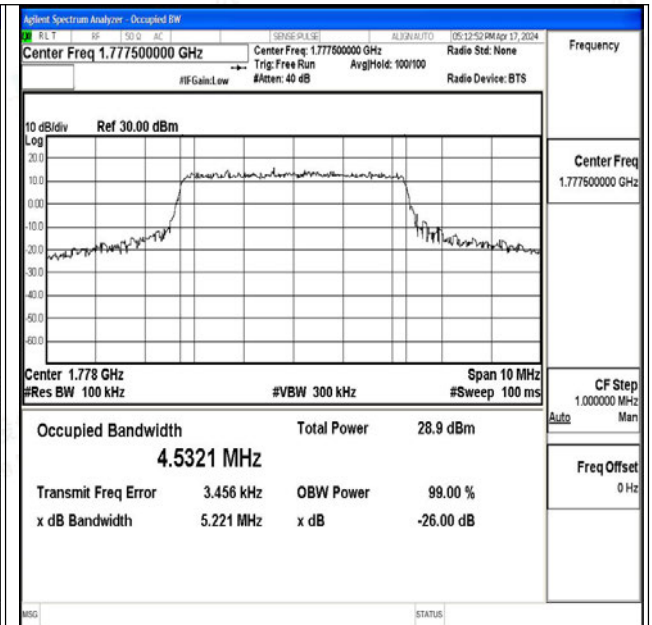
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

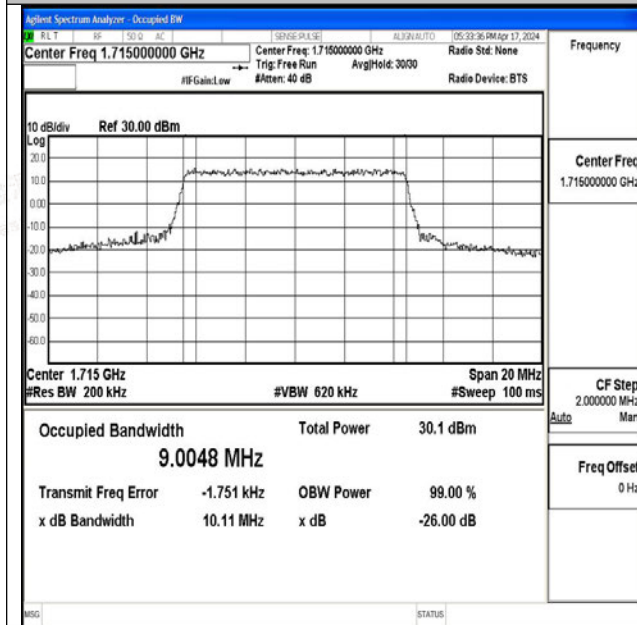
Scan code to check authenticity



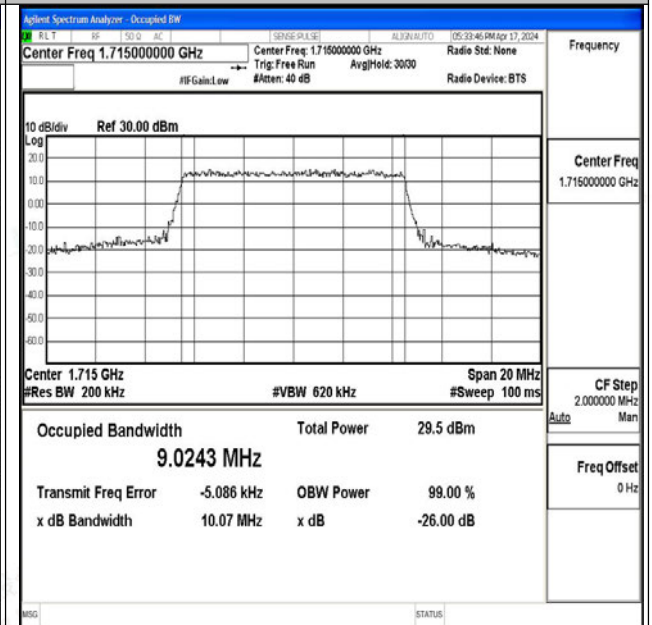
Band66-5MHz-QPSK-132647-25RB#0-PASS



Band66-5MHz-16QAM-132647-25RB#0-PASS

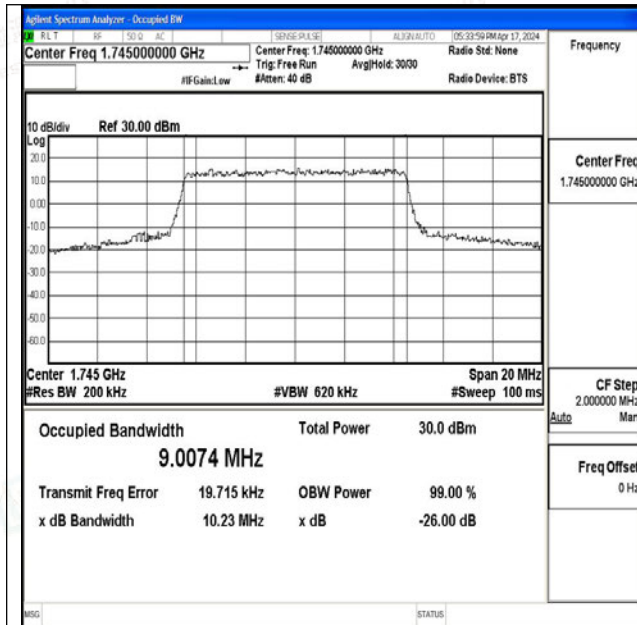


Band66-10MHz-QPSK-132022-50RB#0-PASS

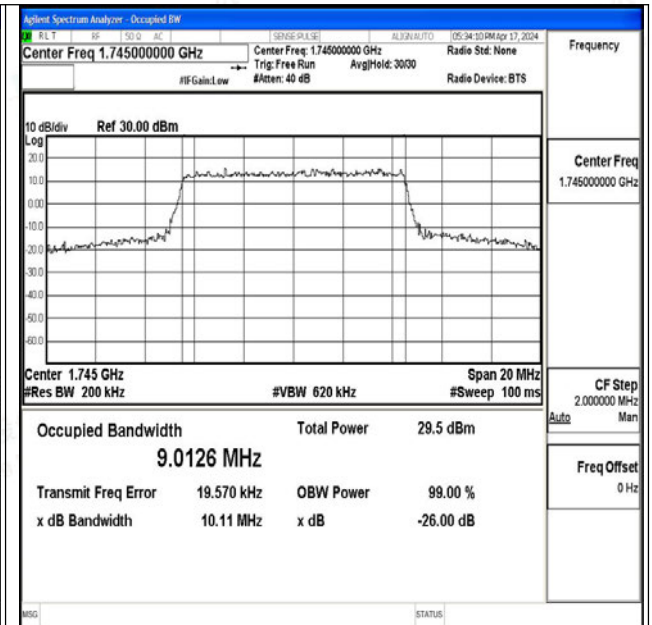


Band66-10MHz-16QAM-132022-50RB#0-PASS

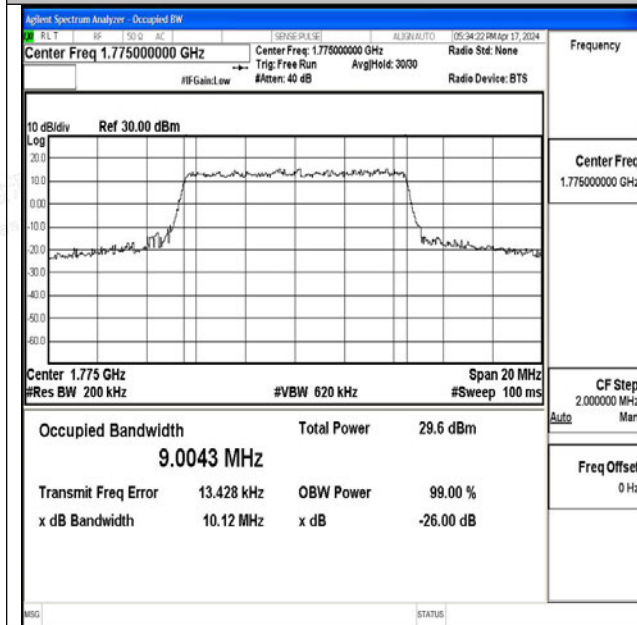




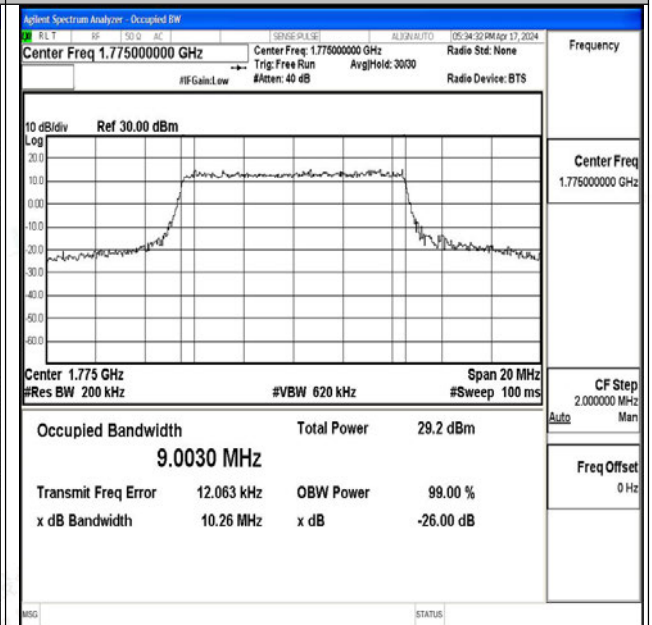
Band66-10MHz-QPSK-132322-50RB#0-PASS



Band66-10MHz-16QAM-132322-50RB#0-PASS



Band66-10MHz-QPSK-132622-50RB#0-PASS



Band66-10MHz-16QAM-132622-50RB#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