



Appendix I: Test Data for E-UTRA Band 25

Product Name: Smartphone

Test Model: J24

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



I.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	22.14	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	21.10	PASS
Band25	1.4MHz	QPSK	26047	1RB#2	22.27	PASS
Band25	1.4MHz	16QAM	26047	1RB#2	21.28	PASS
Band25	1.4MHz	QPSK	26047	1RB#5	22.18	PASS
Band25	1.4MHz	16QAM	26047	1RB#5	21.06	PASS
Band25	1.4MHz	QPSK	26047	3RB#0	22.24	PASS
Band25	1.4MHz	16QAM	26047	3RB#0	21.03	PASS
Band25	1.4MHz	QPSK	26047	3RB#1	22.27	PASS
Band25	1.4MHz	16QAM	26047	3RB#1	21.09	PASS
Band25	1.4MHz	QPSK	26047	3RB#3	22.27	PASS
Band25	1.4MHz	16QAM	26047	3RB#3	21.03	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	21.24	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	20.22	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	22.07	PASS
Band25	1.4MHz	16QAM	26365	1RB#0	20.95	PASS
Band25	1.4MHz	QPSK	26365	1RB#2	22.14	PASS
Band25	1.4MHz	16QAM	26365	1RB#2	21.09	PASS
Band25	1.4MHz	QPSK	26365	1RB#5	22.00	PASS
Band25	1.4MHz	16QAM	26365	1RB#5	20.92	PASS
Band25	1.4MHz	QPSK	26365	3RB#0	22.11	PASS
Band25	1.4MHz	16QAM	26365	3RB#0	20.88	PASS
Band25	1.4MHz	QPSK	26365	3RB#1	22.12	PASS
Band25	1.4MHz	16QAM	26365	3RB#1	20.86	PASS
Band25	1.4MHz	QPSK	26365	3RB#3	22.12	PASS
Band25	1.4MHz	16QAM	26365	3RB#3	20.85	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	21.09	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	20.06	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	22.42	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	21.26	PASS
Band25	1.4MHz	QPSK	26683	1RB#2	22.47	PASS
Band25	1.4MHz	16QAM	26683	1RB#2	21.42	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	22.40	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	21.32	PASS
Band25	1.4MHz	QPSK	26683	3RB#0	22.47	PASS
Band25	1.4MHz	16QAM	26683	3RB#0	21.25	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



Band25	1.4MHz	QPSK	26683	3RB#1	22.47	PASS
Band25	1.4MHz	16QAM	26683	3RB#1	21.24	PASS
Band25	1.4MHz	QPSK	26683	3RB#3	22.49	PASS
Band25	1.4MHz	16QAM	26683	3RB#3	21.11	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	21.47	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	20.45	PASS
Band25	3MHz	QPSK	26055	1RB#0	22.28	PASS
Band25	3MHz	16QAM	26055	1RB#0	21.23	PASS
Band25	3MHz	QPSK	26055	1RB#8	22.34	PASS
Band25	3MHz	16QAM	26055	1RB#8	21.31	PASS
Band25	3MHz	QPSK	26055	1RB#14	22.31	PASS
Band25	3MHz	16QAM	26055	1RB#14	21.27	PASS
Band25	3MHz	QPSK	26055	8RB#0	21.27	PASS
Band25	3MHz	16QAM	26055	8RB#0	20.31	PASS
Band25	3MHz	QPSK	26055	8RB#4	21.29	PASS
Band25	3MHz	16QAM	26055	8RB#4	20.29	PASS
Band25	3MHz	QPSK	26055	8RB#7	21.24	PASS
Band25	3MHz	16QAM	26055	8RB#7	20.23	PASS
Band25	3MHz	QPSK	26055	15RB#0	21.24	PASS
Band25	3MHz	16QAM	26055	15RB#0	20.21	PASS
Band25	3MHz	QPSK	26365	1RB#0	22.13	PASS
Band25	3MHz	16QAM	26365	1RB#0	21.15	PASS
Band25	3MHz	QPSK	26365	1RB#8	22.09	PASS
Band25	3MHz	16QAM	26365	1RB#8	21.07	PASS
Band25	3MHz	QPSK	26365	1RB#14	22.05	PASS
Band25	3MHz	16QAM	26365	1RB#14	21.06	PASS
Band25	3MHz	QPSK	26365	8RB#0	21.16	PASS
Band25	3MHz	16QAM	26365	8RB#0	20.16	PASS
Band25	3MHz	QPSK	26365	8RB#4	21.14	PASS
Band25	3MHz	16QAM	26365	8RB#4	20.14	PASS
Band25	3MHz	QPSK	26365	8RB#7	21.06	PASS
Band25	3MHz	16QAM	26365	8RB#7	20.06	PASS
Band25	3MHz	QPSK	26365	15RB#0	21.08	PASS
Band25	3MHz	16QAM	26365	15RB#0	20.09	PASS
Band25	3MHz	QPSK	26675	1RB#0	22.49	PASS
Band25	3MHz	16QAM	26675	1RB#0	21.47	PASS
Band25	3MHz	QPSK	26675	1RB#8	22.53	PASS
Band25	3MHz	16QAM	26675	1RB#8	21.50	PASS
Band25	3MHz	QPSK	26675	1RB#14	22.47	PASS
Band25	3MHz	16QAM	26675	1RB#14	21.29	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



Band25	3MHz	QPSK	26675	8RB#0	21.50	PASS
Band25	3MHz	16QAM	26675	8RB#0	20.47	PASS
Band25	3MHz	QPSK	26675	8RB#4	21.45	PASS
Band25	3MHz	16QAM	26675	8RB#4	20.48	PASS
Band25	3MHz	QPSK	26675	8RB#7	21.50	PASS
Band25	3MHz	16QAM	26675	8RB#7	20.43	PASS
Band25	3MHz	QPSK	26675	15RB#0	21.42	PASS
Band25	3MHz	16QAM	26675	15RB#0	20.46	PASS
Band25	5MHz	QPSK	26065	1RB#0	22.25	PASS
Band25	5MHz	16QAM	26065	1RB#0	21.13	PASS
Band25	5MHz	QPSK	26065	1RB#12	22.36	PASS
Band25	5MHz	16QAM	26065	1RB#12	21.31	PASS
Band25	5MHz	QPSK	26065	1RB#24	22.29	PASS
Band25	5MHz	16QAM	26065	1RB#24	21.21	PASS
Band25	5MHz	QPSK	26065	12RB#0	21.29	PASS
Band25	5MHz	16QAM	26065	12RB#0	20.24	PASS
Band25	5MHz	QPSK	26065	12RB#6	21.29	PASS
Band25	5MHz	16QAM	26065	12RB#6	20.28	PASS
Band25	5MHz	QPSK	26065	12RB#13	21.22	PASS
Band25	5MHz	16QAM	26065	12RB#13	20.21	PASS
Band25	5MHz	QPSK	26065	25RB#0	21.25	PASS
Band25	5MHz	16QAM	26065	25RB#0	20.25	PASS
Band25	5MHz	QPSK	26365	1RB#0	22.16	PASS
Band25	5MHz	16QAM	26365	1RB#0	21.05	PASS
Band25	5MHz	QPSK	26365	1RB#12	22.22	PASS
Band25	5MHz	16QAM	26365	1RB#12	21.11	PASS
Band25	5MHz	QPSK	26365	1RB#24	22.06	PASS
Band25	5MHz	16QAM	26365	1RB#24	20.98	PASS
Band25	5MHz	QPSK	26365	12RB#0	21.15	PASS
Band25	5MHz	16QAM	26365	12RB#0	20.13	PASS
Band25	5MHz	QPSK	26365	12RB#6	21.18	PASS
Band25	5MHz	16QAM	26365	12RB#6	20.15	PASS
Band25	5MHz	QPSK	26365	12RB#13	20.97	PASS
Band25	5MHz	16QAM	26365	12RB#13	19.96	PASS
Band25	5MHz	QPSK	26365	25RB#0	21.08	PASS
Band25	5MHz	16QAM	26365	25RB#0	20.09	PASS
Band25	5MHz	QPSK	26665	1RB#0	22.36	PASS
Band25	5MHz	16QAM	26665	1RB#0	21.28	PASS
Band25	5MHz	QPSK	26665	1RB#12	22.57	PASS
Band25	5MHz	16QAM	26665	1RB#12	21.44	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity



Band25	5MHz	QPSK	26665	1RB#24	22.47	PASS
Band25	5MHz	16QAM	26665	1RB#24	21.35	PASS
Band25	5MHz	QPSK	26665	12RB#0	21.43	PASS
Band25	5MHz	16QAM	26665	12RB#0	20.41	PASS
Band25	5MHz	QPSK	26665	12RB#6	21.50	PASS
Band25	5MHz	16QAM	26665	12RB#6	20.40	PASS
Band25	5MHz	QPSK	26665	12RB#13	21.35	PASS
Band25	5MHz	16QAM	26665	12RB#13	20.34	PASS
Band25	5MHz	QPSK	26665	25RB#0	21.41	PASS
Band25	5MHz	16QAM	26665	25RB#0	20.46	PASS
Band25	10MHz	QPSK	26090	1RB#0	22.31	PASS
Band25	10MHz	16QAM	26090	1RB#0	21.26	PASS
Band25	10MHz	QPSK	26090	1RB#24	22.51	PASS
Band25	10MHz	16QAM	26090	1RB#24	21.49	PASS
Band25	10MHz	QPSK	26090	1RB#49	22.36	PASS
Band25	10MHz	16QAM	26090	1RB#49	21.43	PASS
Band25	10MHz	QPSK	26090	25RB#0	21.43	PASS
Band25	10MHz	16QAM	26090	25RB#0	20.40	PASS
Band25	10MHz	QPSK	26090	25RB#12	21.45	PASS
Band25	10MHz	16QAM	26090	25RB#12	20.41	PASS
Band25	10MHz	QPSK	26090	25RB#25	21.33	PASS
Band25	10MHz	16QAM	26090	25RB#25	20.32	PASS
Band25	10MHz	QPSK	26090	50RB#0	21.40	PASS
Band25	10MHz	16QAM	26090	50RB#0	20.37	PASS
Band25	10MHz	QPSK	26365	1RB#0	22.21	PASS
Band25	10MHz	16QAM	26365	1RB#0	21.21	PASS
Band25	10MHz	QPSK	26365	1RB#24	22.23	PASS
Band25	10MHz	16QAM	26365	1RB#24	21.23	PASS
Band25	10MHz	QPSK	26365	1RB#49	22.19	PASS
Band25	10MHz	16QAM	26365	1RB#49	20.64	PASS
Band25	10MHz	QPSK	26365	25RB#0	21.17	PASS
Band25	10MHz	16QAM	26365	25RB#0	20.16	PASS
Band25	10MHz	QPSK	26365	25RB#12	21.19	PASS
Band25	10MHz	16QAM	26365	25RB#12	20.18	PASS
Band25	10MHz	QPSK	26365	25RB#25	20.91	PASS
Band25	10MHz	16QAM	26365	25RB#25	19.87	PASS
Band25	10MHz	QPSK	26365	50RB#0	21.06	PASS
Band25	10MHz	16QAM	26365	50RB#0	20.06	PASS
Band25	10MHz	QPSK	26640	1RB#0	22.21	PASS
Band25	10MHz	16QAM	26640	1RB#0	21.24	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity



Band25	10MHz	QPSK	26640	1RB#24	22.52	PASS
Band25	10MHz	16QAM	26640	1RB#24	21.49	PASS
Band25	10MHz	QPSK	26640	1RB#49	22.43	PASS
Band25	10MHz	16QAM	26640	1RB#49	21.44	PASS
Band25	10MHz	QPSK	26640	25RB#0	21.48	PASS
Band25	10MHz	16QAM	26640	25RB#0	20.43	PASS
Band25	10MHz	QPSK	26640	25RB#12	21.51	PASS
Band25	10MHz	16QAM	26640	25RB#12	20.46	PASS
Band25	10MHz	QPSK	26640	25RB#25	21.31	PASS
Band25	10MHz	16QAM	26640	25RB#25	20.39	PASS
Band25	10MHz	QPSK	26640	50RB#0	21.47	PASS
Band25	10MHz	16QAM	26640	50RB#0	20.41	PASS
Band25	15MHz	QPSK	26115	1RB#0	22.30	PASS
Band25	15MHz	16QAM	26115	1RB#0	21.27	PASS
Band25	15MHz	QPSK	26115	1RB#38	22.48	PASS
Band25	15MHz	16QAM	26115	1RB#38	21.51	PASS
Band25	15MHz	QPSK	26115	1RB#74	22.38	PASS
Band25	15MHz	16QAM	26115	1RB#74	21.38	PASS
Band25	15MHz	QPSK	26115	38RB#0	21.44	PASS
Band25	15MHz	16QAM	26115	38RB#0	21.42	PASS
Band25	15MHz	QPSK	26115	38RB#18	21.48	PASS
Band25	15MHz	16QAM	26115	38RB#18	21.39	PASS
Band25	15MHz	QPSK	26115	38RB#37	21.44	PASS
Band25	15MHz	16QAM	26115	38RB#37	21.47	PASS
Band25	15MHz	QPSK	26115	75RB#0	21.44	PASS
Band25	15MHz	16QAM	26115	75RB#0	20.37	PASS
Band25	15MHz	QPSK	26365	1RB#0	22.24	PASS
Band25	15MHz	16QAM	26365	1RB#0	21.27	PASS
Band25	15MHz	QPSK	26365	1RB#38	22.12	PASS
Band25	15MHz	16QAM	26365	1RB#38	21.12	PASS
Band25	15MHz	QPSK	26365	1RB#74	21.91	PASS
Band25	15MHz	16QAM	26365	1RB#74	20.97	PASS
Band25	15MHz	QPSK	26365	38RB#0	21.16	PASS
Band25	15MHz	16QAM	26365	38RB#0	21.06	PASS
Band25	15MHz	QPSK	26365	38RB#18	21.13	PASS
Band25	15MHz	16QAM	26365	38RB#18	21.15	PASS
Band25	15MHz	QPSK	26365	38RB#37	21.15	PASS
Band25	15MHz	16QAM	26365	38RB#37	21.12	PASS
Band25	15MHz	QPSK	26365	75RB#0	21.08	PASS
Band25	15MHz	16QAM	26365	75RB#0	20.03	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



Band25	15MHz	QPSK	26615	1RB#0	22.00	PASS
Band25	15MHz	16QAM	26615	1RB#0	21.04	PASS
Band25	15MHz	QPSK	26615	1RB#38	22.34	PASS
Band25	15MHz	16QAM	26615	1RB#38	21.33	PASS
Band25	15MHz	QPSK	26615	1RB#74	22.42	PASS
Band25	15MHz	16QAM	26615	1RB#74	21.41	PASS
Band25	15MHz	QPSK	26615	38RB#0	21.36	PASS
Band25	15MHz	16QAM	26615	38RB#0	21.40	PASS
Band25	15MHz	QPSK	26615	38RB#18	21.43	PASS
Band25	15MHz	16QAM	26615	38RB#18	21.43	PASS
Band25	15MHz	QPSK	26615	38RB#37	21.42	PASS
Band25	15MHz	16QAM	26615	38RB#37	21.39	PASS
Band25	15MHz	QPSK	26615	75RB#0	21.38	PASS
Band25	15MHz	16QAM	26615	75RB#0	20.36	PASS
Band25	20MHz	QPSK	26140	1RB#0	22.19	PASS
Band25	20MHz	16QAM	26140	1RB#0	21.06	PASS
Band25	20MHz	QPSK	26140	1RB#49	22.61	PASS
Band25	20MHz	16QAM	26140	1RB#49	21.55	PASS
Band25	20MHz	QPSK	26140	1RB#99	22.31	PASS
Band25	20MHz	16QAM	26140	1RB#99	21.18	PASS
Band25	20MHz	QPSK	26140	50RB#0	21.55	PASS
Band25	20MHz	16QAM	26140	50RB#0	20.54	PASS
Band25	20MHz	QPSK	26140	50RB#25	21.54	PASS
Band25	20MHz	16QAM	26140	50RB#25	20.54	PASS
Band25	20MHz	QPSK	26140	50RB#50	21.52	PASS
Band25	20MHz	16QAM	26140	50RB#50	20.50	PASS
Band25	20MHz	QPSK	26140	100RB#0	21.48	PASS
Band25	20MHz	16QAM	26140	100RB#0	20.46	PASS
Band25	20MHz	QPSK	26365	1RB#0	22.25	PASS
Band25	20MHz	16QAM	26365	1RB#0	21.07	PASS
Band25	20MHz	QPSK	26365	1RB#49	22.22	PASS
Band25	20MHz	16QAM	26365	1RB#49	21.10	PASS
Band25	20MHz	QPSK	26365	1RB#99	21.74	PASS
Band25	20MHz	16QAM	26365	1RB#99	20.61	PASS
Band25	20MHz	QPSK	26365	50RB#0	21.18	PASS
Band25	20MHz	16QAM	26365	50RB#0	20.22	PASS
Band25	20MHz	QPSK	26365	50RB#25	21.18	PASS
Band25	20MHz	16QAM	26365	50RB#25	20.18	PASS
Band25	20MHz	QPSK	26365	50RB#50	20.82	PASS
Band25	20MHz	16QAM	26365	50RB#50	19.81	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



Band25	20MHz	QPSK	26365	100RB#0	21.04	PASS
Band25	20MHz	16QAM	26365	100RB#0	20.02	PASS
Band25	20MHz	QPSK	26590	1RB#0	21.81	PASS
Band25	20MHz	16QAM	26590	1RB#0	20.70	PASS
Band25	20MHz	QPSK	26590	1RB#49	22.41	PASS
Band25	20MHz	16QAM	26590	1RB#49	21.32	PASS
Band25	20MHz	QPSK	26590	1RB#99	22.29	PASS
Band25	20MHz	16QAM	26590	1RB#99	21.20	PASS
Band25	20MHz	QPSK	26590	50RB#0	21.15	PASS
Band25	20MHz	16QAM	26590	50RB#0	20.10	PASS
Band25	20MHz	QPSK	26590	50RB#25	21.14	PASS
Band25	20MHz	16QAM	26590	50RB#25	20.14	PASS
Band25	20MHz	QPSK	26590	50RB#50	21.29	PASS
Band25	20MHz	16QAM	26590	50RB#50	20.23	PASS
Band25	20MHz	QPSK	26590	100RB#0	21.18	PASS
Band25	20MHz	16QAM	26590	100RB#0	20.18	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



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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	4.97	13	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	5.97	13	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	5.34	13	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	6.12	13	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	4.72	13	PASS
Band25	1.4MHz	16QAM	26365	1RB#0	5.77	13	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	5.27	13	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	6.06	13	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	5.10	13	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	6.08	13	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	5.37	13	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	6.11	13	PASS
Band25	3MHz	QPSK	26055	1RB#0	4.98	13	PASS
Band25	3MHz	16QAM	26055	1RB#0	5.87	13	PASS
Band25	3MHz	QPSK	26055	15RB#0	5.40	13	PASS
Band25	3MHz	16QAM	26055	15RB#0	6.18	13	PASS
Band25	3MHz	QPSK	26365	1RB#0	4.60	13	PASS
Band25	3MHz	16QAM	26365	1RB#0	5.48	13	PASS
Band25	3MHz	QPSK	26365	15RB#0	5.33	13	PASS
Band25	3MHz	16QAM	26365	15RB#0	6.12	13	PASS
Band25	3MHz	QPSK	26675	1RB#0	5.25	13	PASS
Band25	3MHz	16QAM	26675	1RB#0	6.10	13	PASS
Band25	3MHz	QPSK	26675	15RB#0	5.39	13	PASS
Band25	3MHz	16QAM	26675	15RB#0	6.17	13	PASS
Band25	5MHz	QPSK	26065	1RB#0	5.11	13	PASS
Band25	5MHz	16QAM	26065	1RB#0	5.63	13	PASS
Band25	5MHz	QPSK	26065	25RB#0	5.57	13	PASS
Band25	5MHz	16QAM	26065	25RB#0	6.22	13	PASS
Band25	5MHz	QPSK	26365	1RB#0	4.61	13	PASS
Band25	5MHz	16QAM	26365	1RB#0	5.31	13	PASS
Band25	5MHz	QPSK	26365	25RB#0	5.50	13	PASS
Band25	5MHz	16QAM	26365	25RB#0	6.16	13	PASS
Band25	5MHz	QPSK	26665	1RB#0	5.39	13	PASS
Band25	5MHz	16QAM	26665	1RB#0	5.89	13	PASS
Band25	5MHz	QPSK	26665	25RB#0	5.61	13	PASS
Band25	5MHz	16QAM	26665	25RB#0	6.23	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



Band25	10MHz	QPSK	26090	1RB#0	4.98	13	PASS
Band25	10MHz	16QAM	26090	1RB#0	5.85	13	PASS
Band25	10MHz	QPSK	26090	50RB#0	5.60	13	PASS
Band25	10MHz	16QAM	26090	50RB#0	6.30	13	PASS
Band25	10MHz	QPSK	26365	1RB#0	4.48	13	PASS
Band25	10MHz	16QAM	26365	1RB#0	5.40	13	PASS
Band25	10MHz	QPSK	26365	50RB#0	5.45	13	PASS
Band25	10MHz	16QAM	26365	50RB#0	6.17	13	PASS
Band25	10MHz	QPSK	26640	1RB#0	5.01	13	PASS
Band25	10MHz	16QAM	26640	1RB#0	5.91	13	PASS
Band25	10MHz	QPSK	26640	50RB#0	5.64	13	PASS
Band25	10MHz	16QAM	26640	50RB#0	6.30	13	PASS
Band25	15MHz	QPSK	26115	1RB#0	5.01	13	PASS
Band25	15MHz	16QAM	26115	1RB#0	5.89	13	PASS
Band25	15MHz	QPSK	26115	75RB#0	6.00	13	PASS
Band25	15MHz	16QAM	26115	75RB#0	6.43	13	PASS
Band25	15MHz	QPSK	26365	1RB#0	4.57	13	PASS
Band25	15MHz	16QAM	26365	1RB#0	5.47	13	PASS
Band25	15MHz	QPSK	26365	75RB#0	5.75	13	PASS
Band25	15MHz	16QAM	26365	75RB#0	6.25	13	PASS
Band25	15MHz	QPSK	26615	1RB#0	5.02	13	PASS
Band25	15MHz	16QAM	26615	1RB#0	5.89	13	PASS
Band25	15MHz	QPSK	26615	75RB#0	5.92	13	PASS
Band25	15MHz	16QAM	26615	75RB#0	6.37	13	PASS
Band25	20MHz	QPSK	26140	1RB#0	4.91	13	PASS
Band25	20MHz	16QAM	26140	1RB#0	5.52	13	PASS
Band25	20MHz	QPSK	26140	100RB#0	5.72	13	PASS
Band25	20MHz	16QAM	26140	100RB#0	6.43	13	PASS
Band25	20MHz	QPSK	26365	1RB#0	4.63	13	PASS
Band25	20MHz	16QAM	26365	1RB#0	5.34	13	PASS
Band25	20MHz	QPSK	26365	100RB#0	5.49	13	PASS
Band25	20MHz	16QAM	26365	100RB#0	6.23	13	PASS
Band25	20MHz	QPSK	26590	1RB#0	5.14	13	PASS
Band25	20MHz	16QAM	26590	1RB#0	5.70	13	PASS
Band25	20MHz	QPSK	26590	100RB#0	5.46	13	PASS
Band25	20MHz	16QAM	26590	100RB#0	6.25	13	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

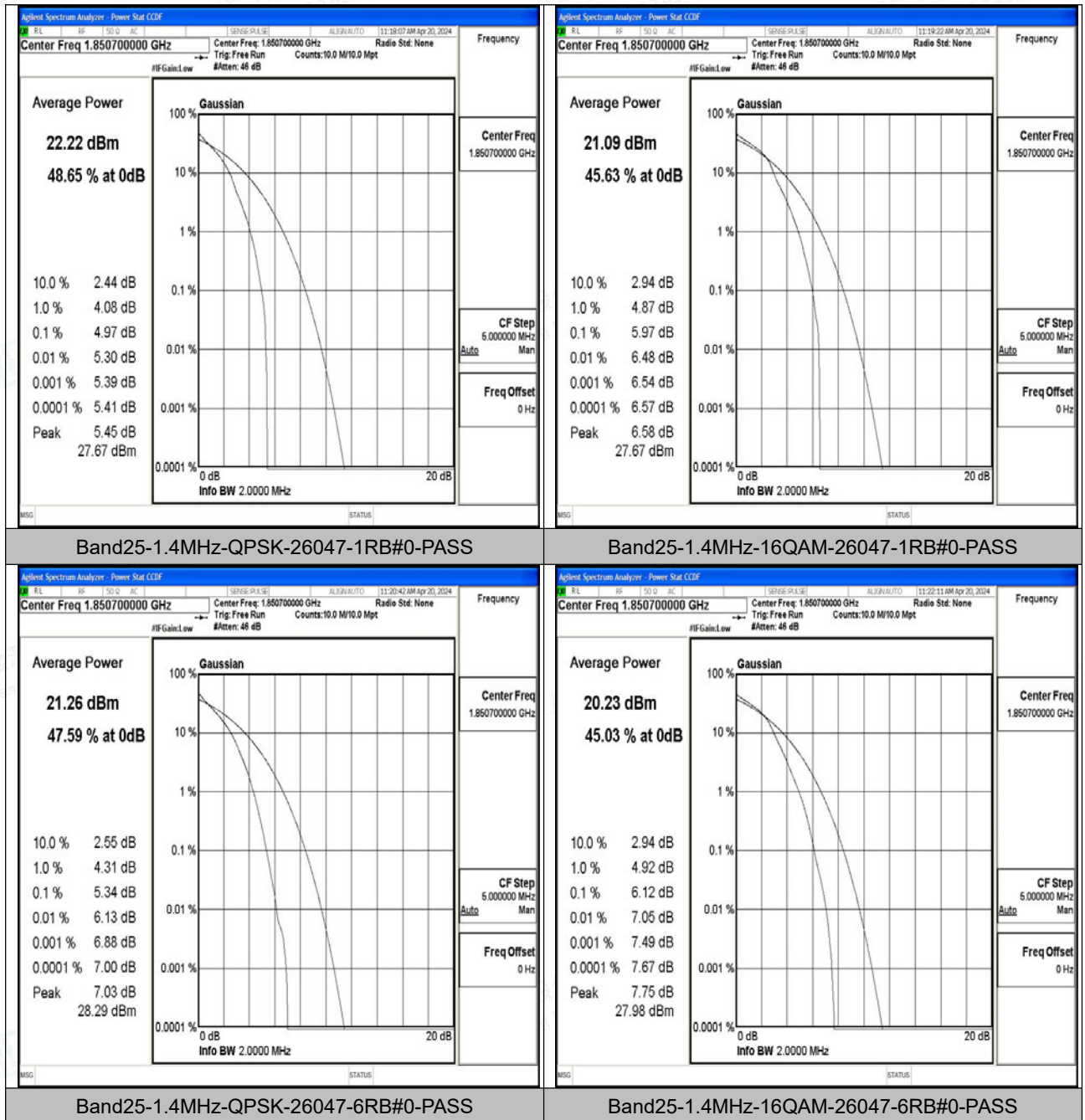
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

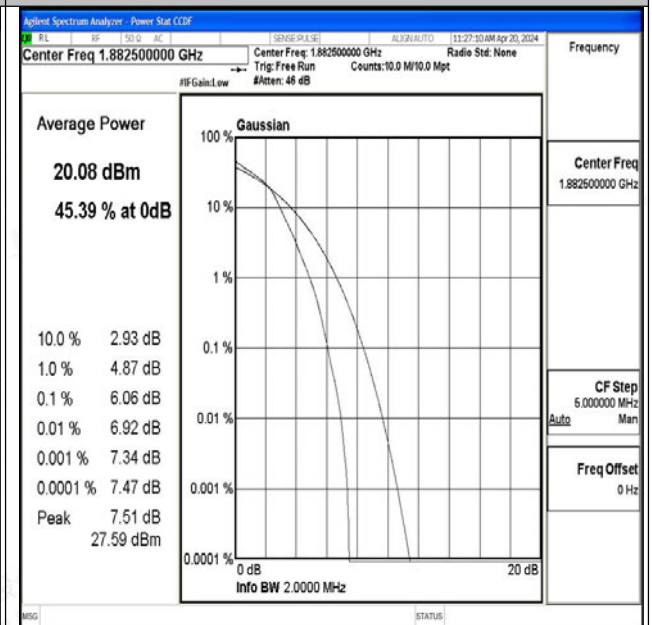
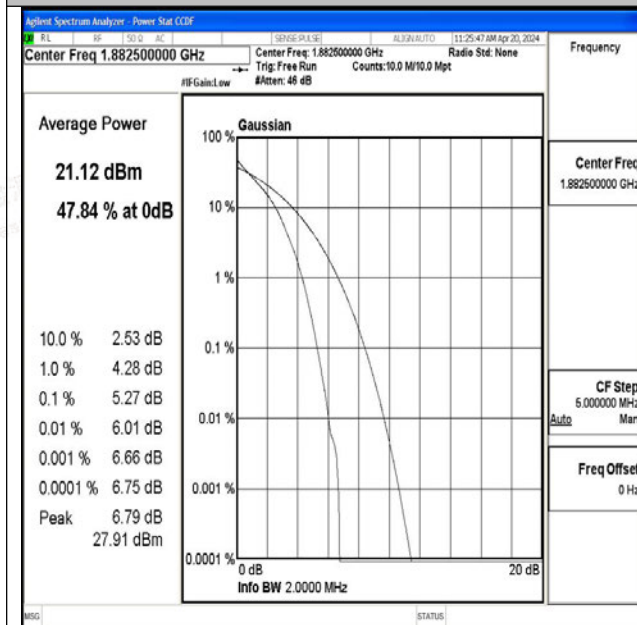
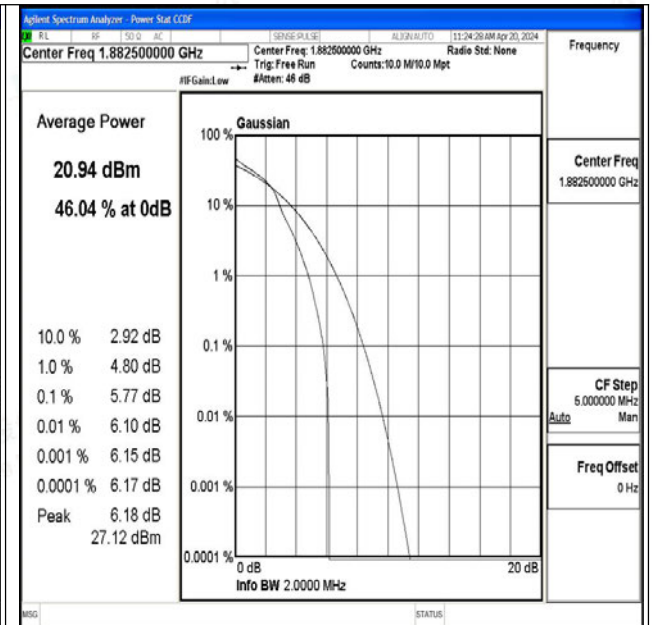
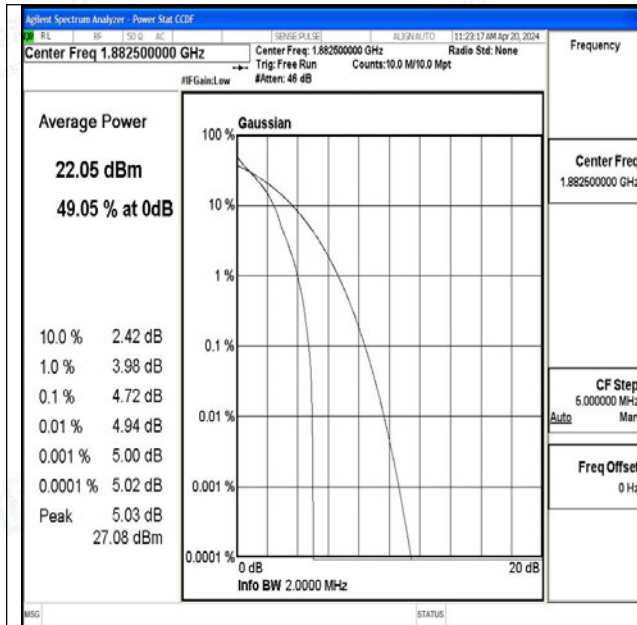
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



Test Graphs



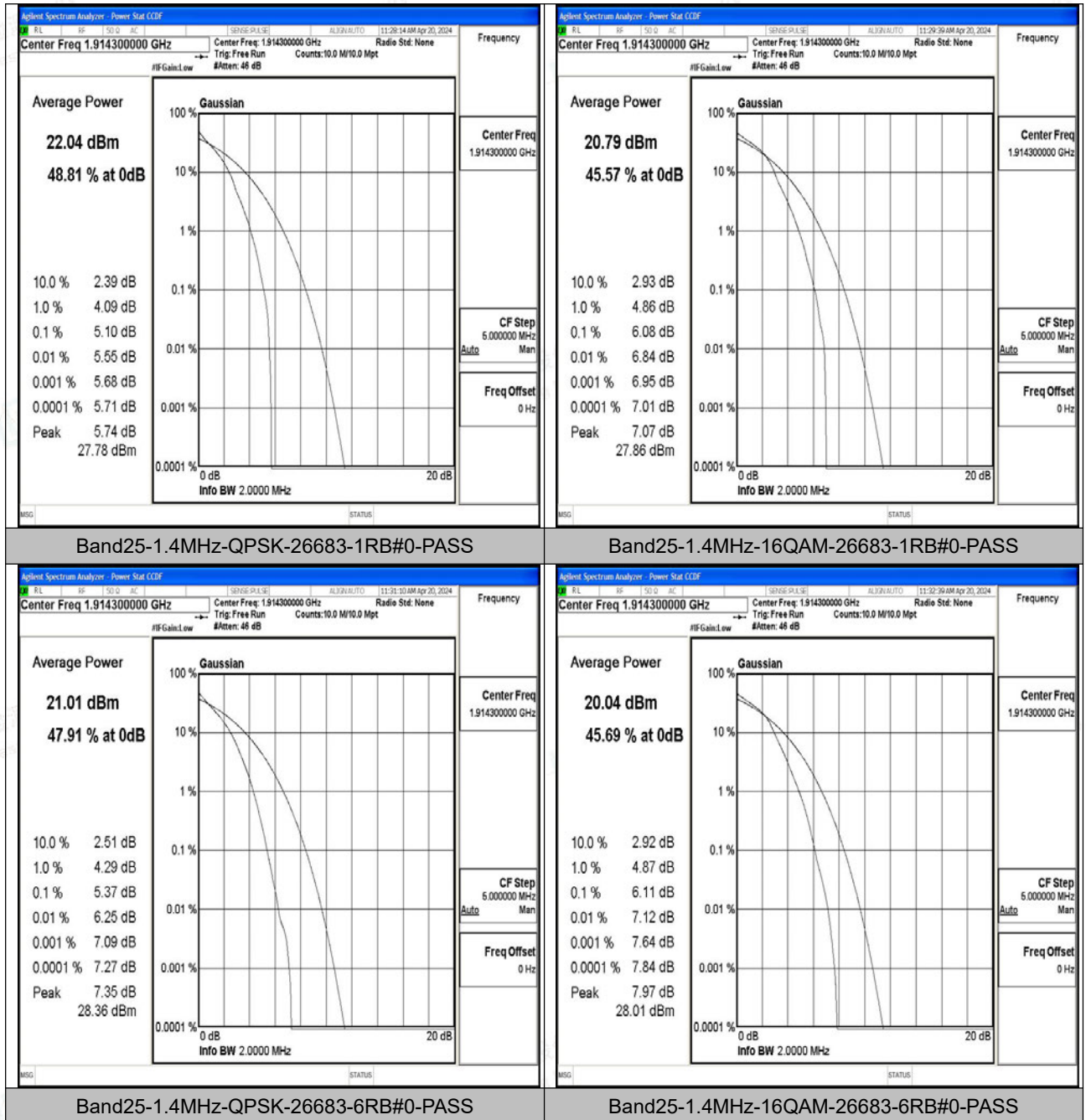


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

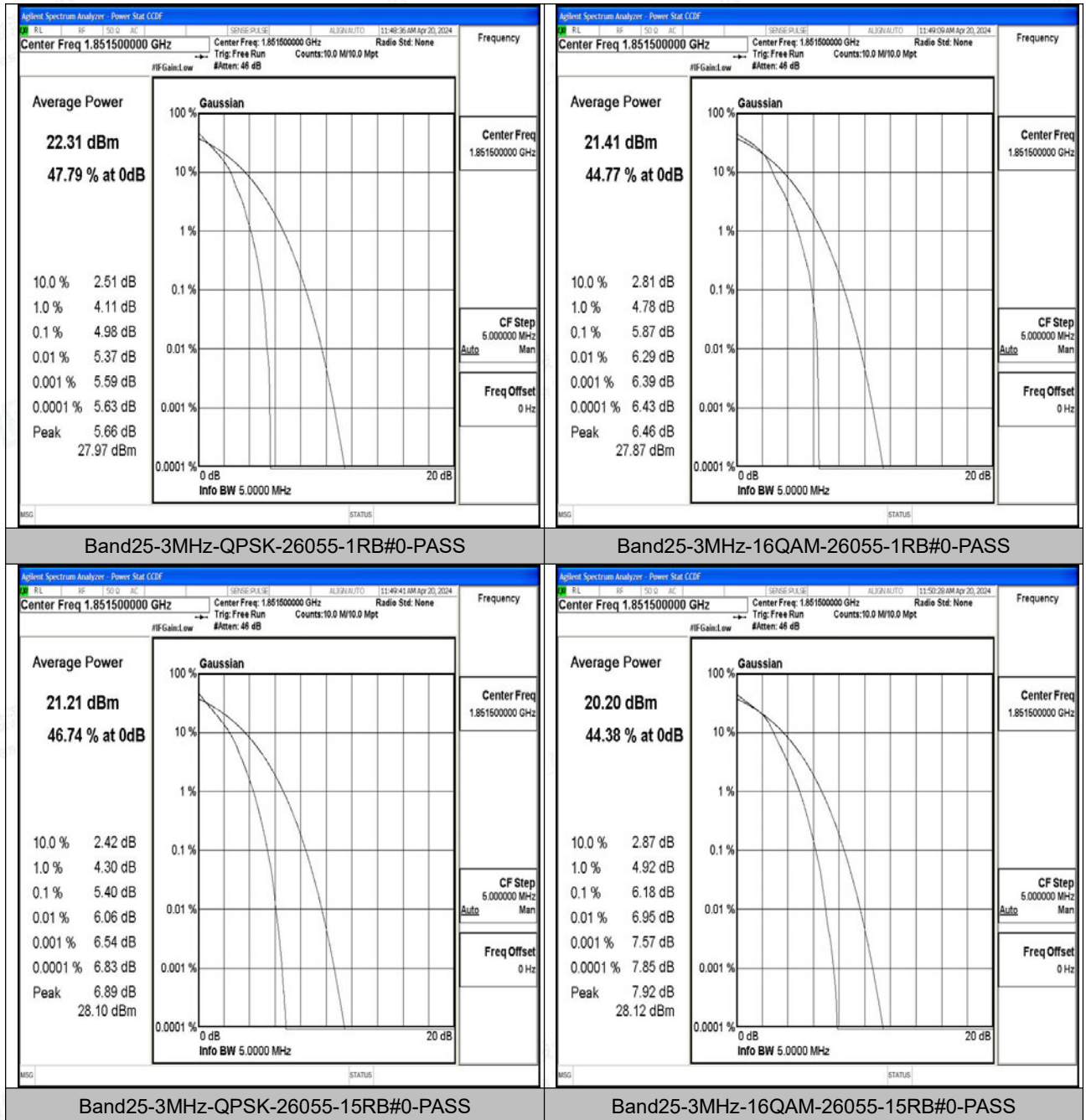


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

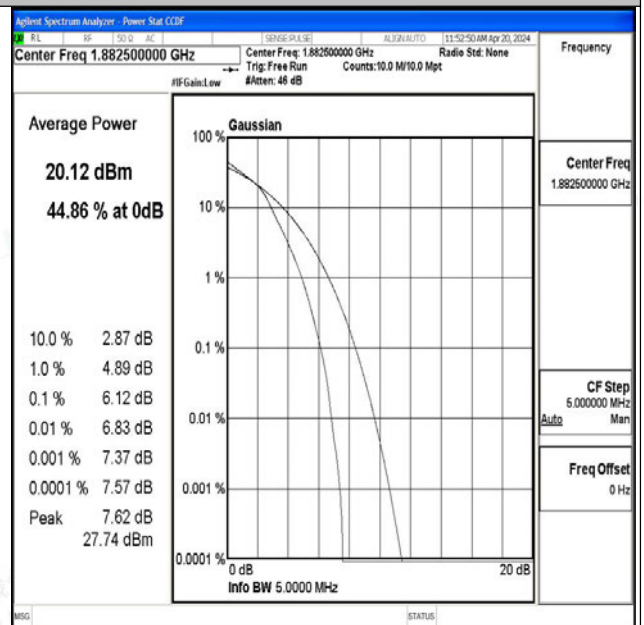
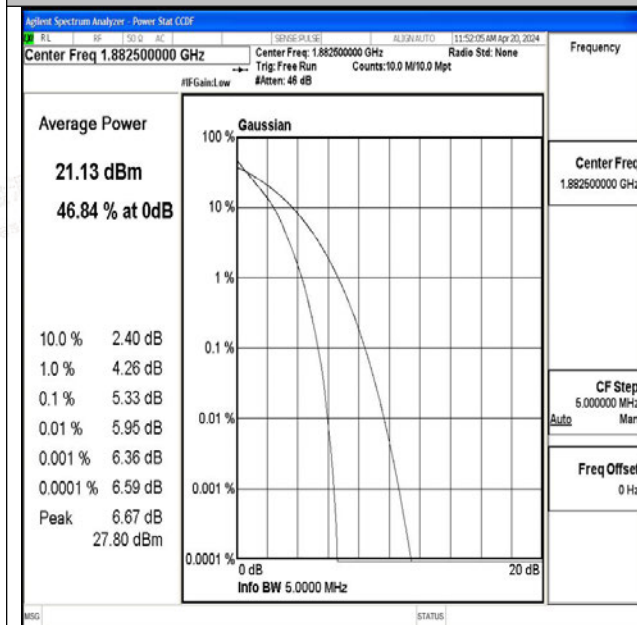
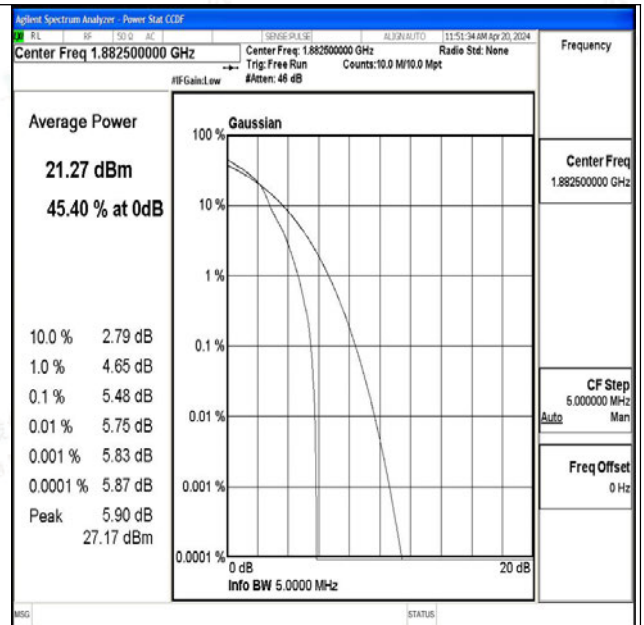
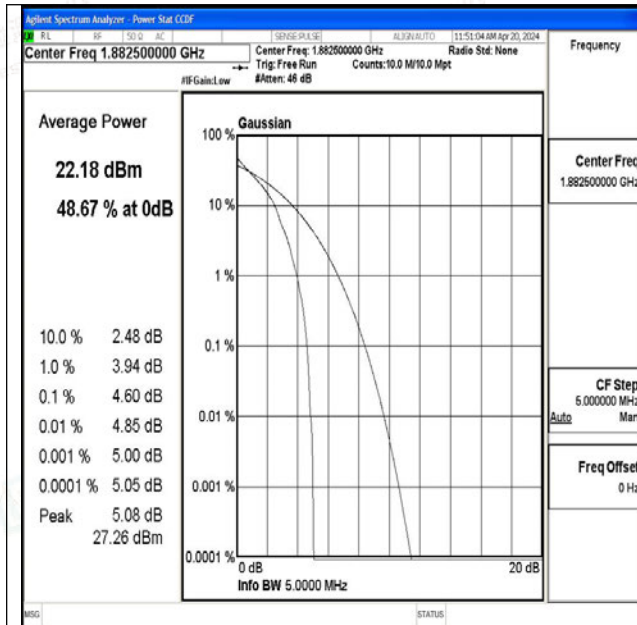


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

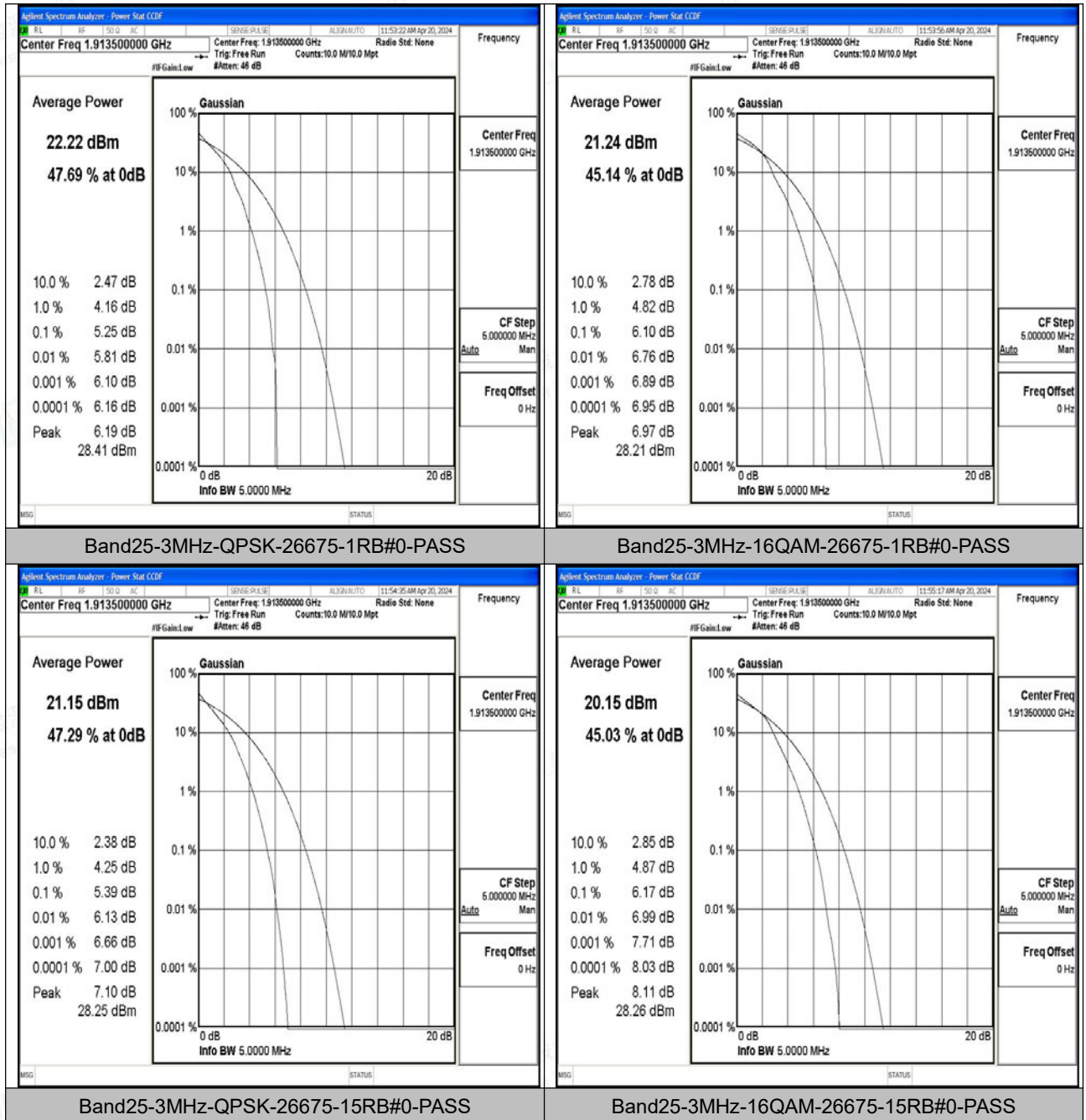


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

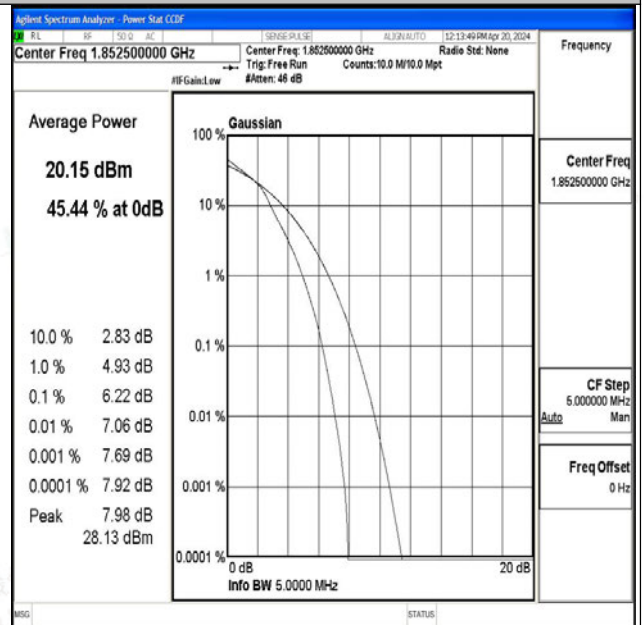
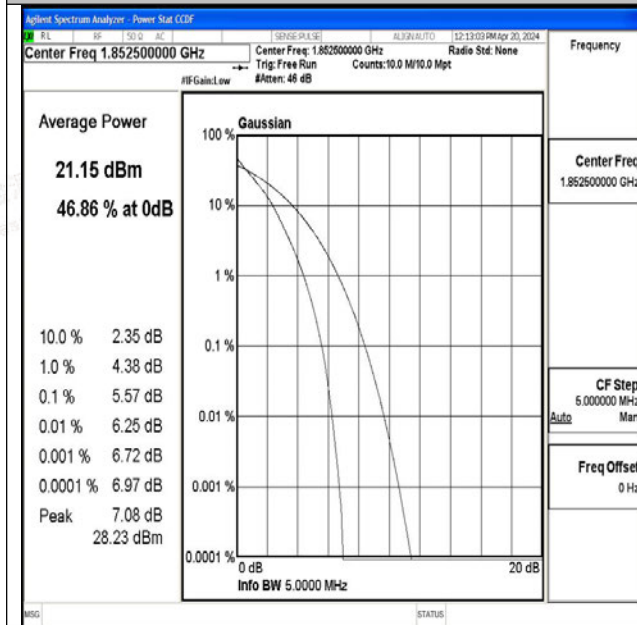
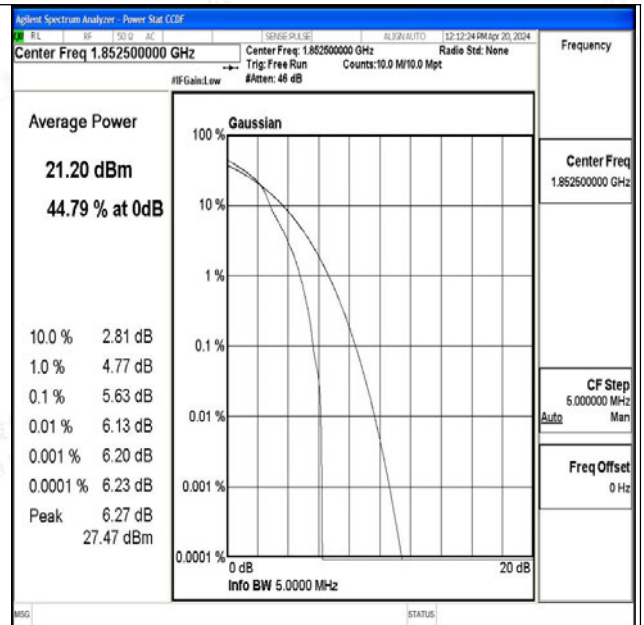
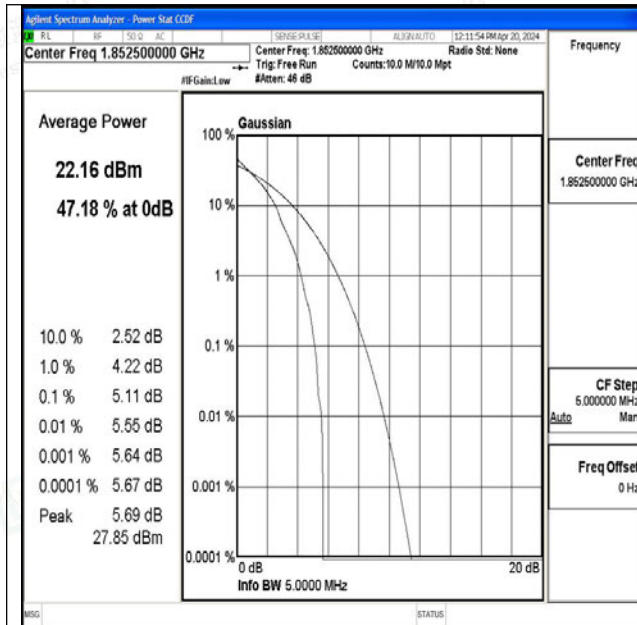


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

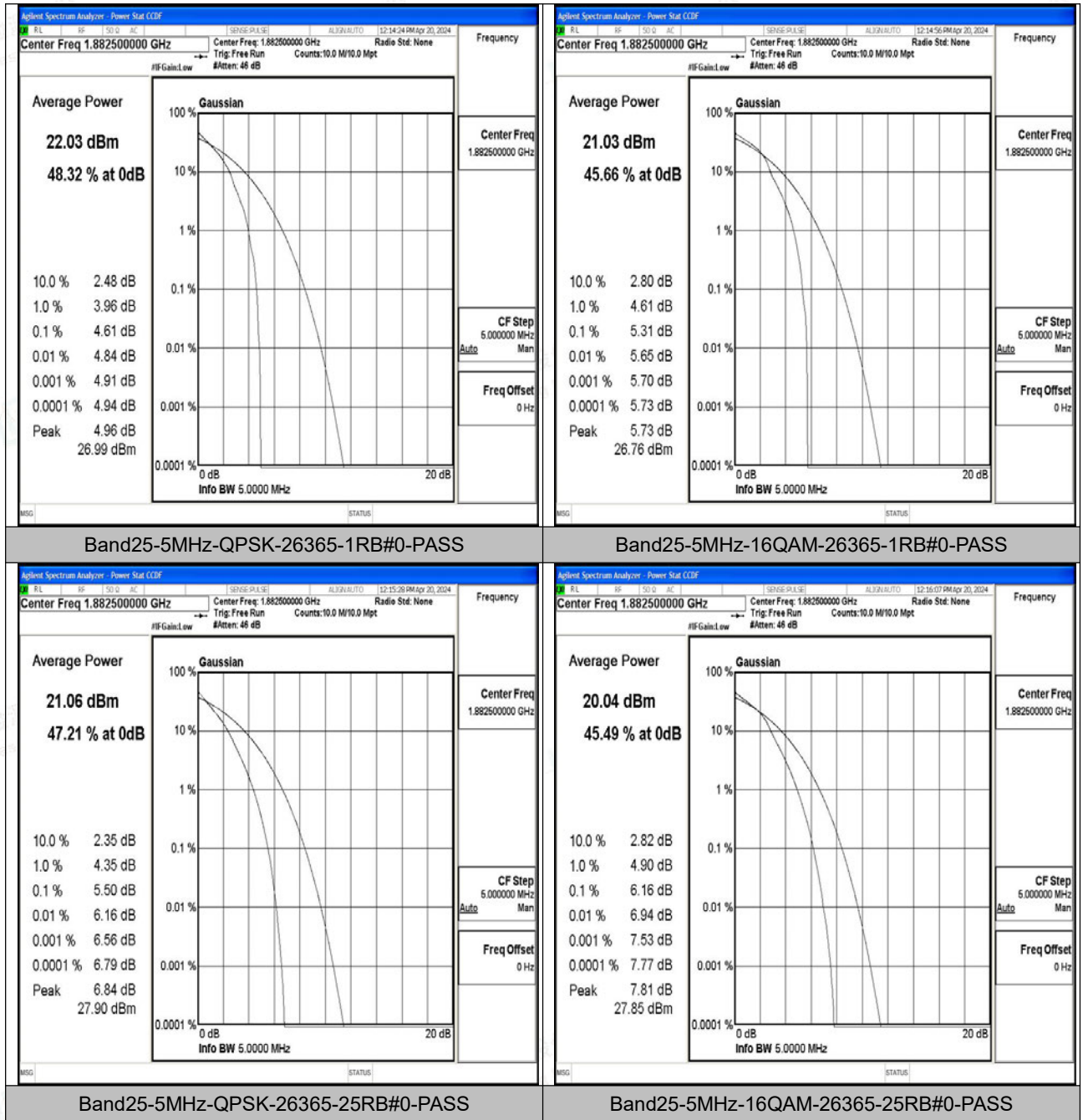


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

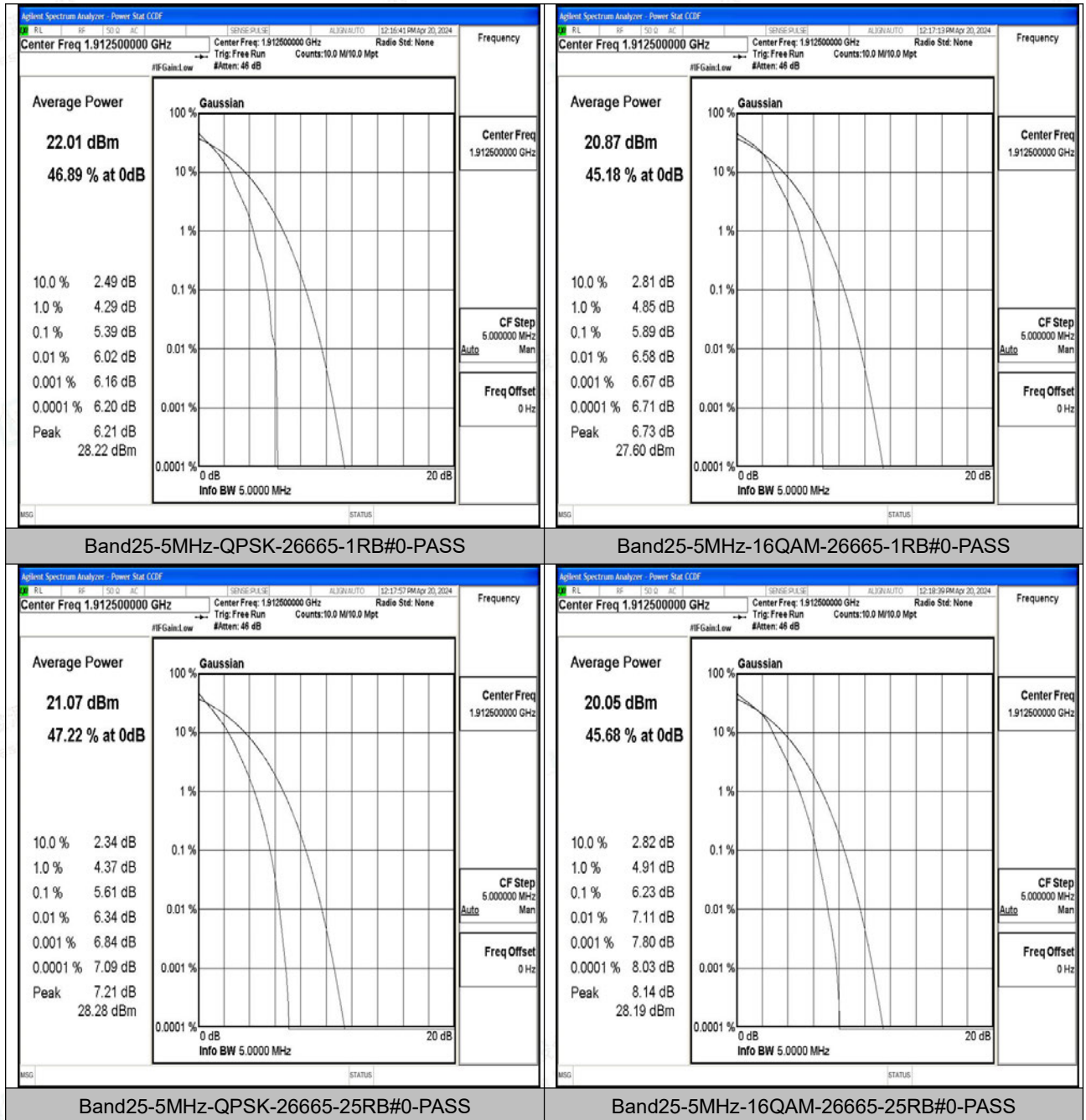


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

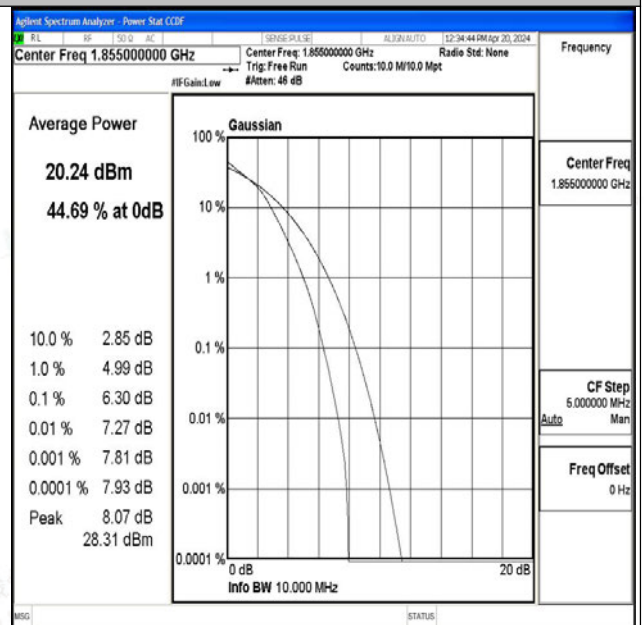
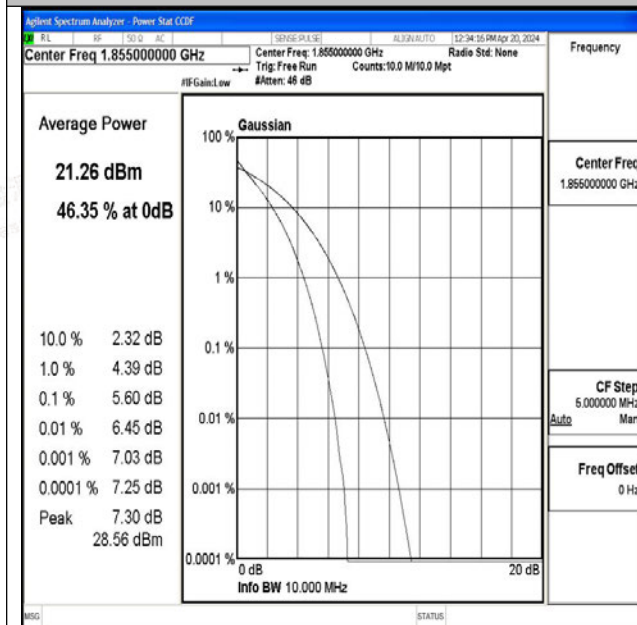
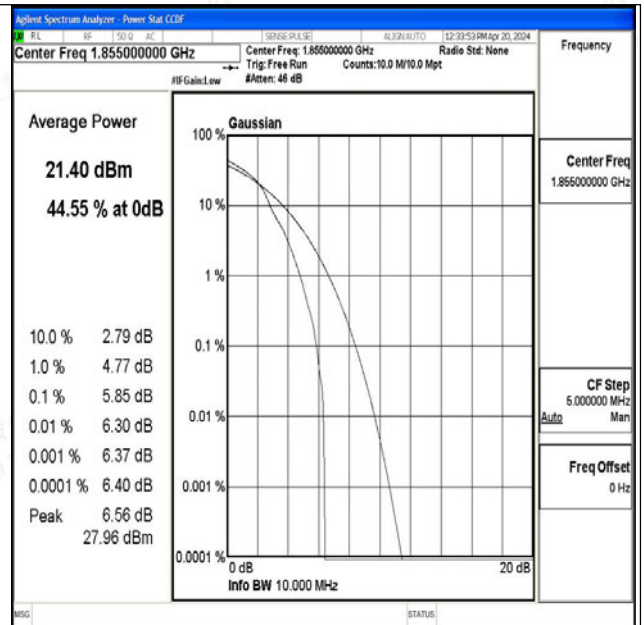
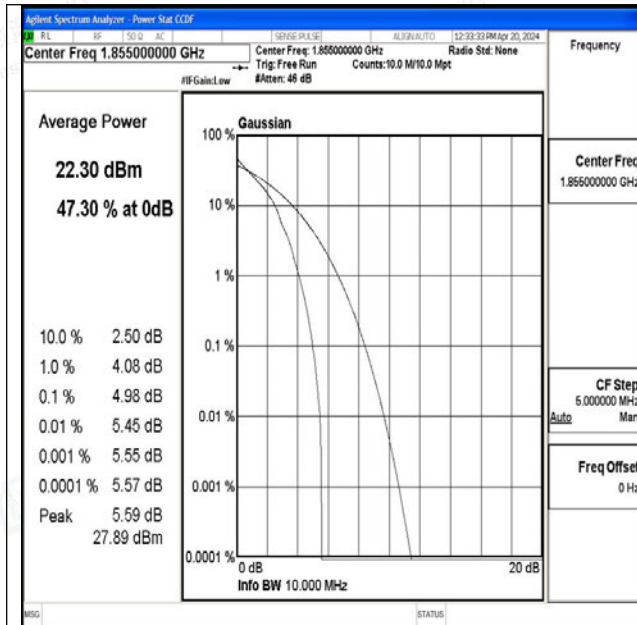


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

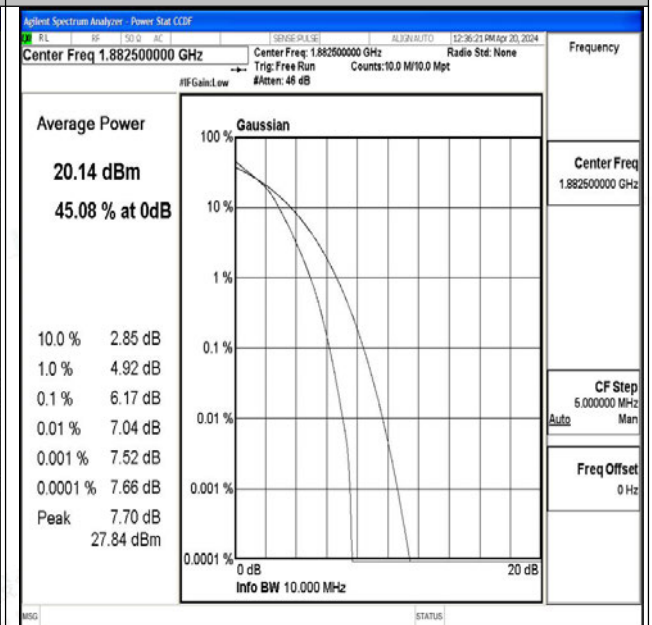
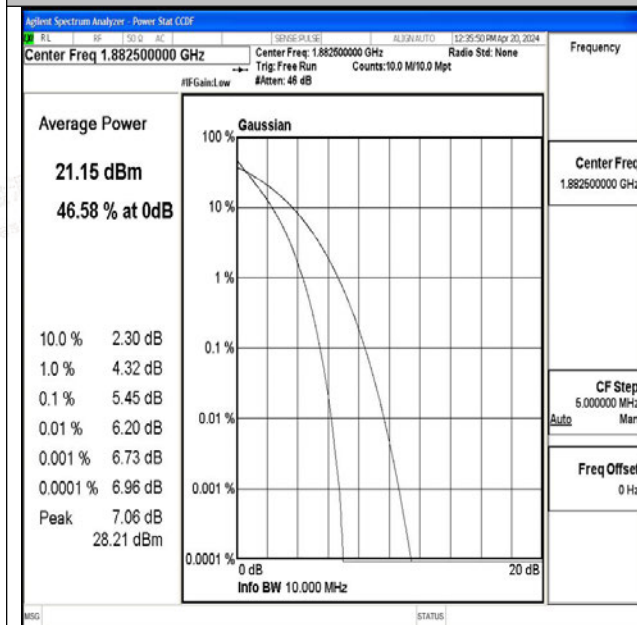
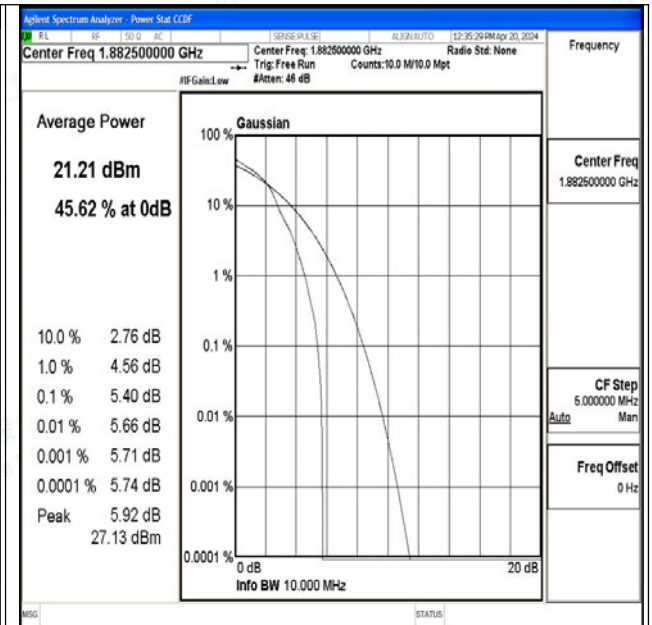
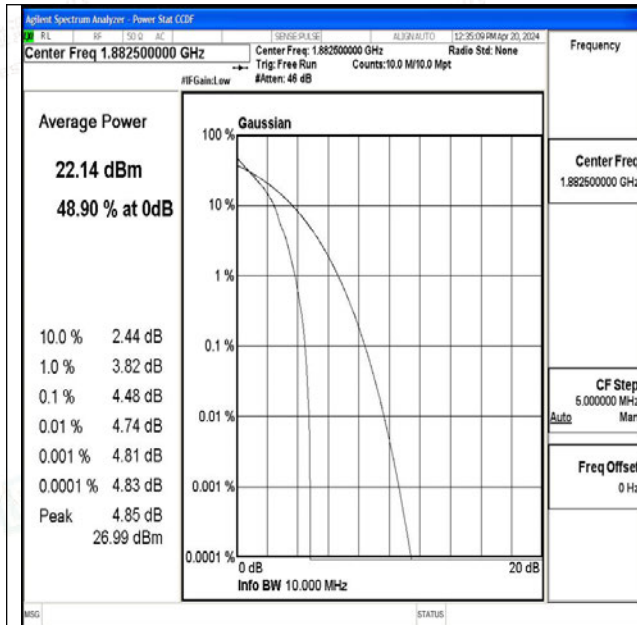


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

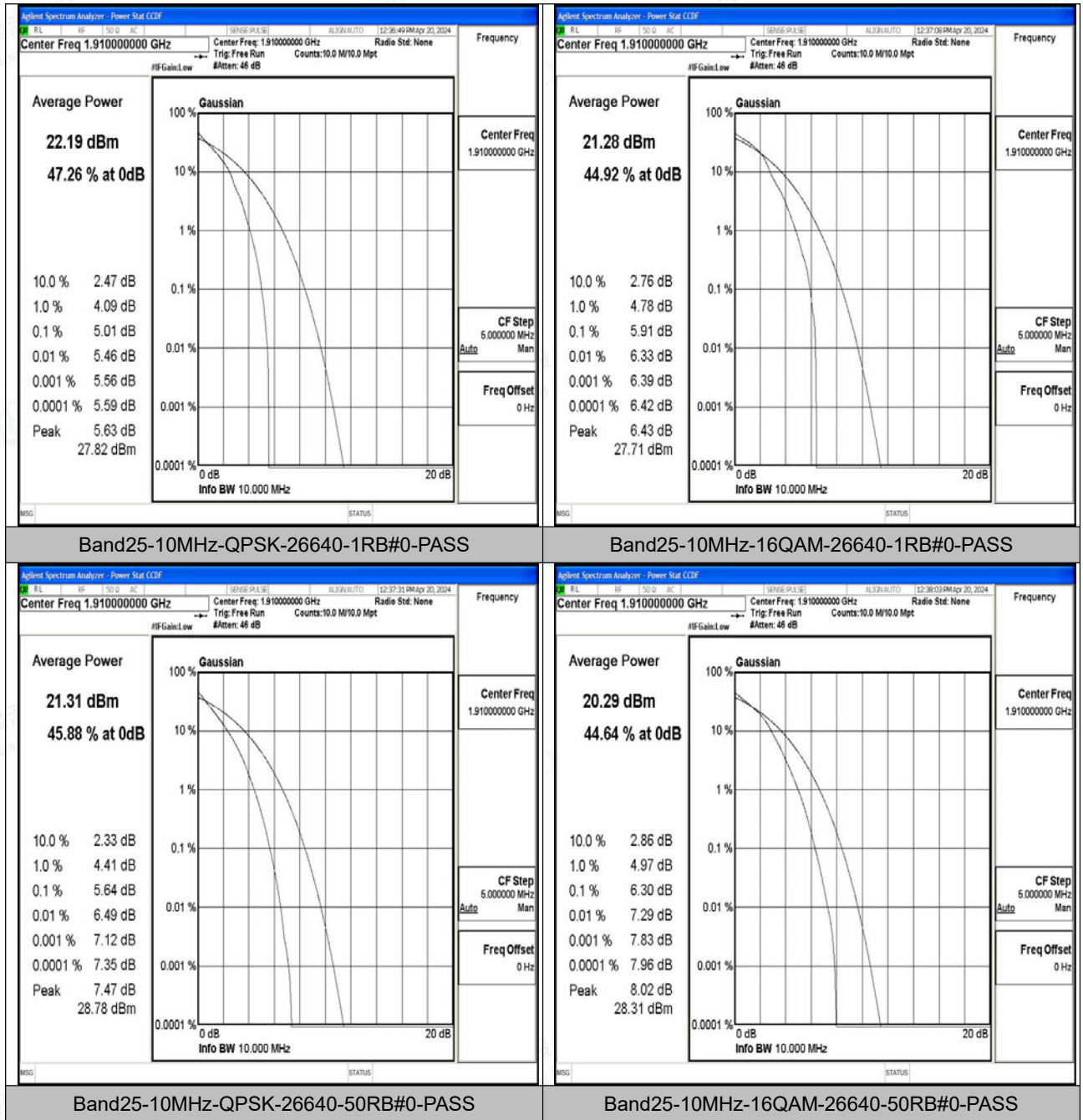


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

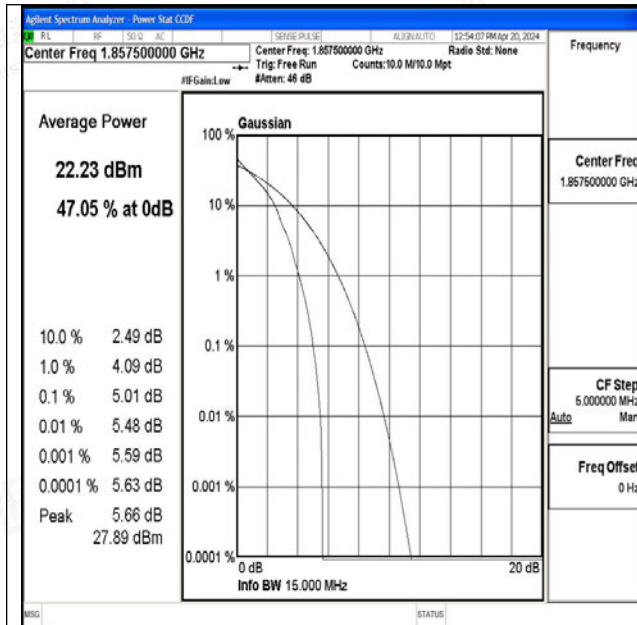


Shenzhen LCS Compliance Testing Laboratory Ltd.

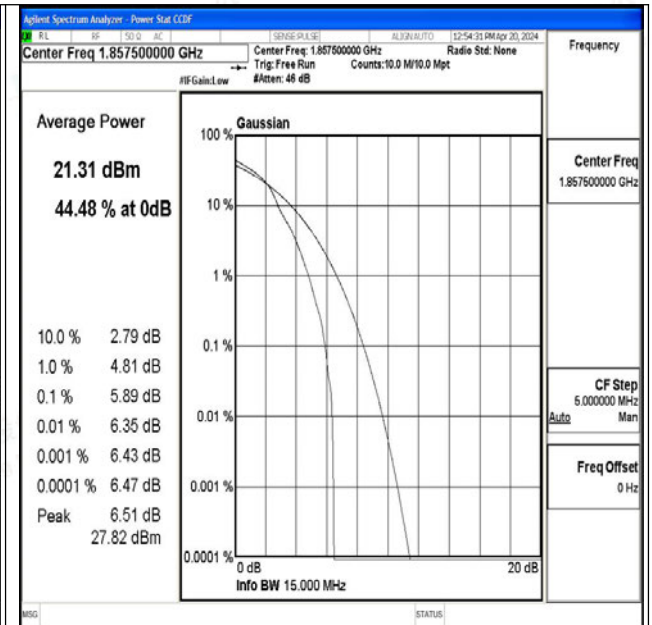
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

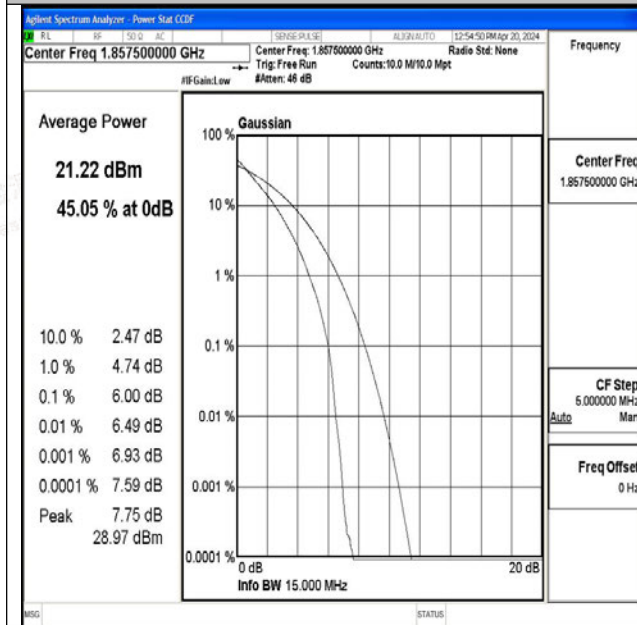
Scan code to check authenticity



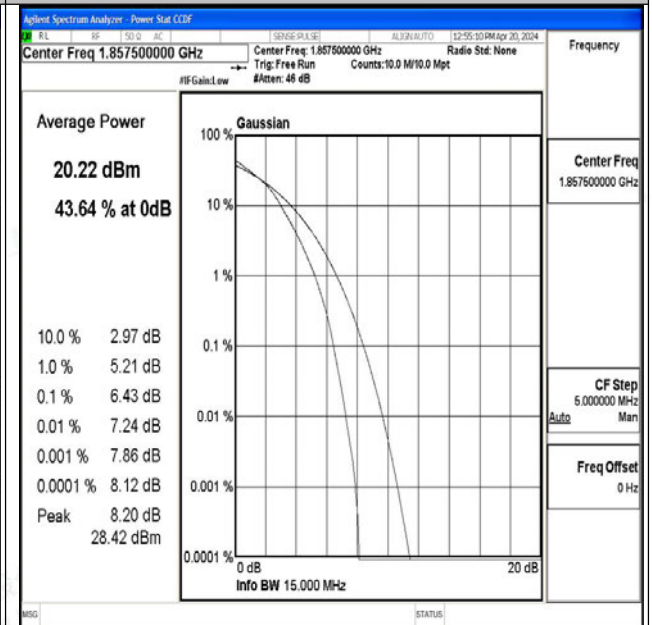
Band25-15MHz-QPSK-26115-1RB#0-PASS



Band25-15MHz-16QAM-26115-1RB#0-PASS



Band25-15MHz-QPSK-26115-75RB#0-PASS



Band25-15MHz-16QAM-26115-75RB#0-PASS

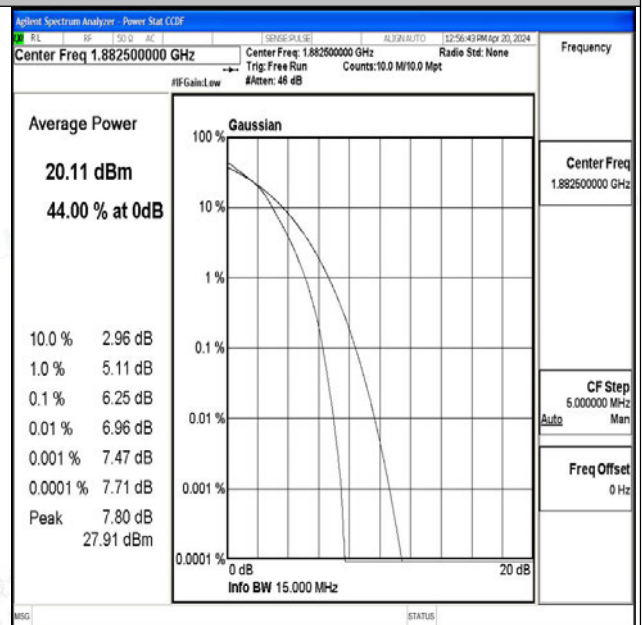
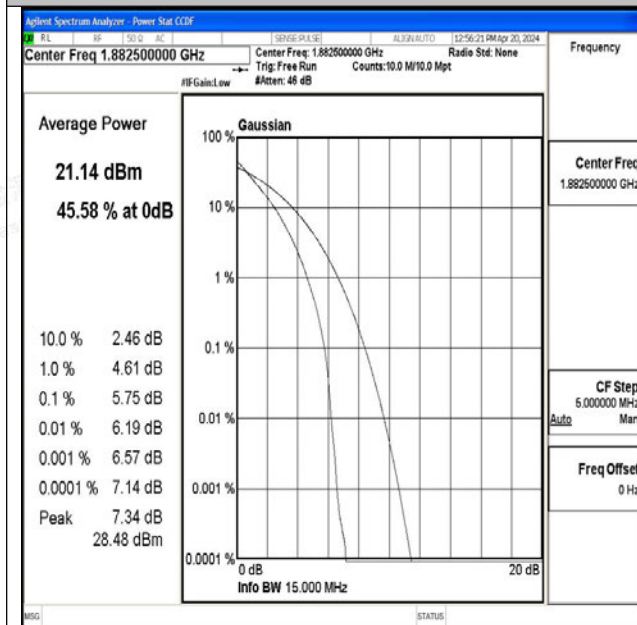
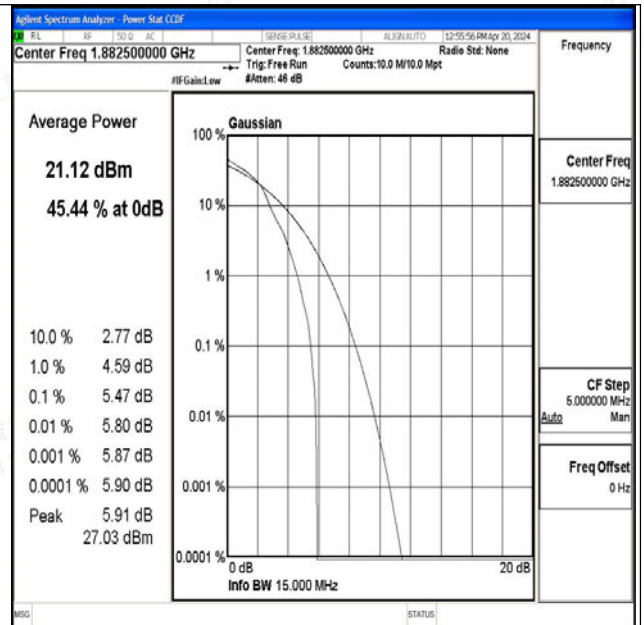
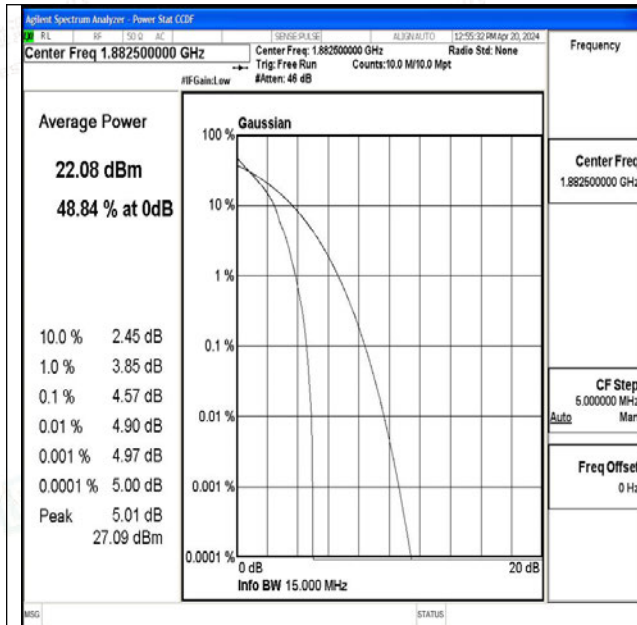


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

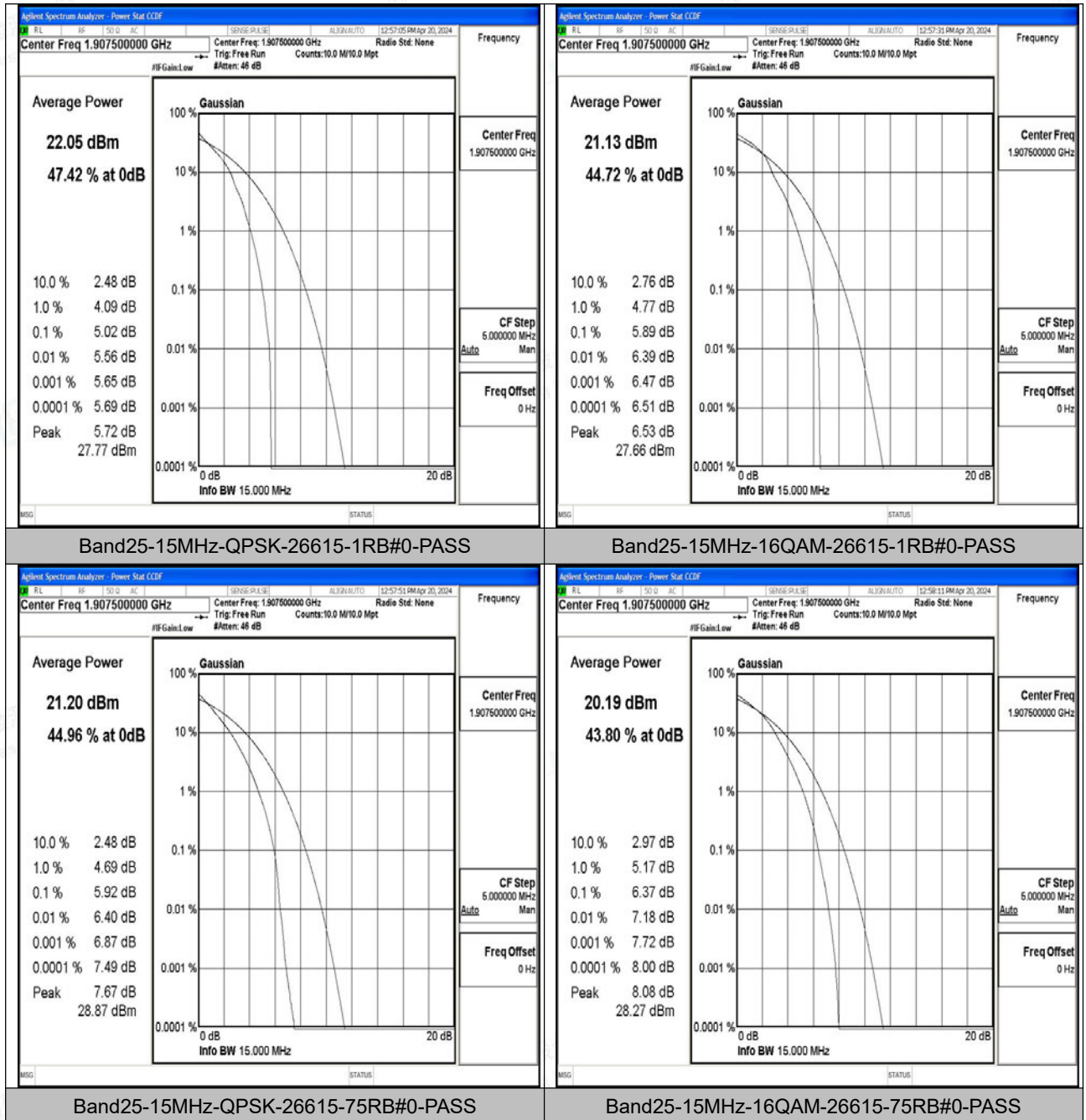


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

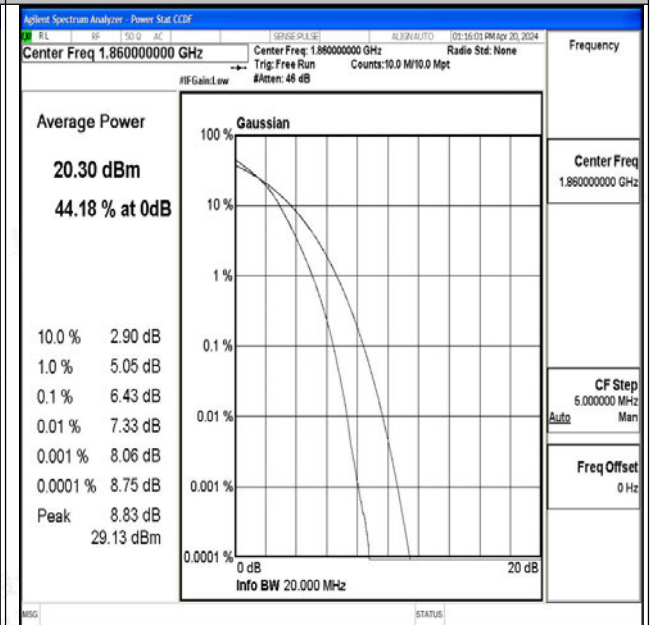
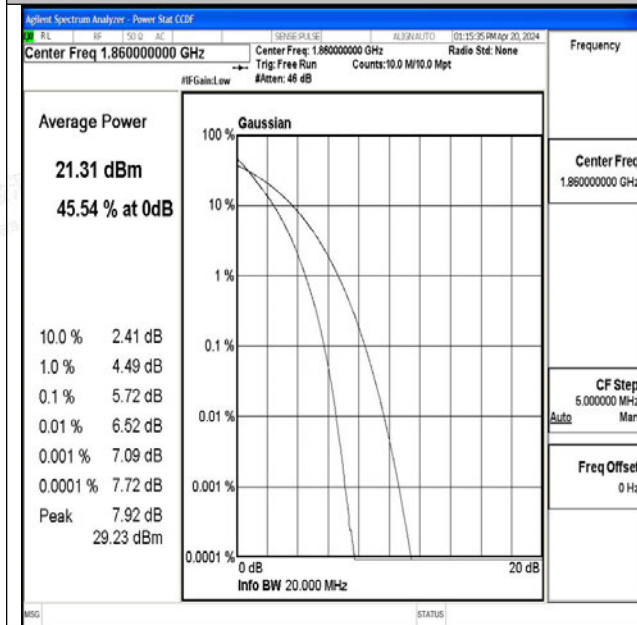
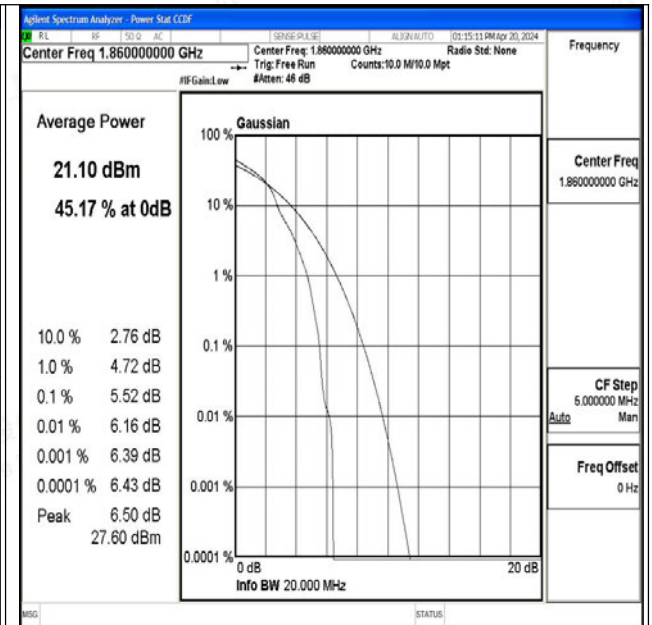
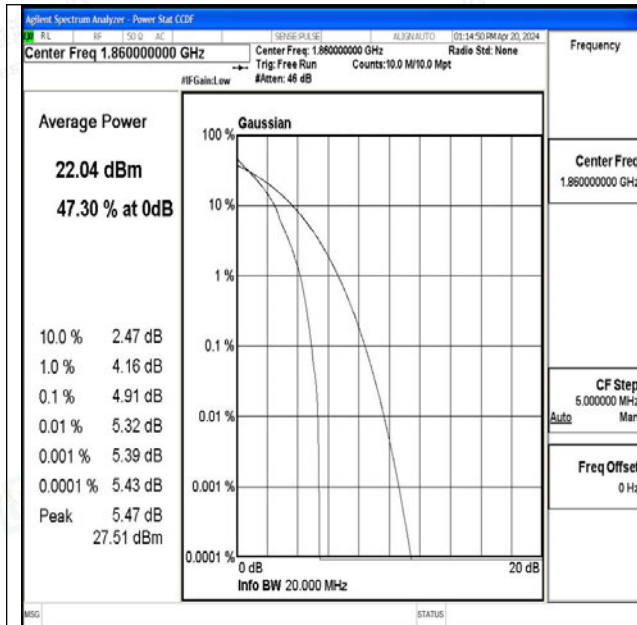


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

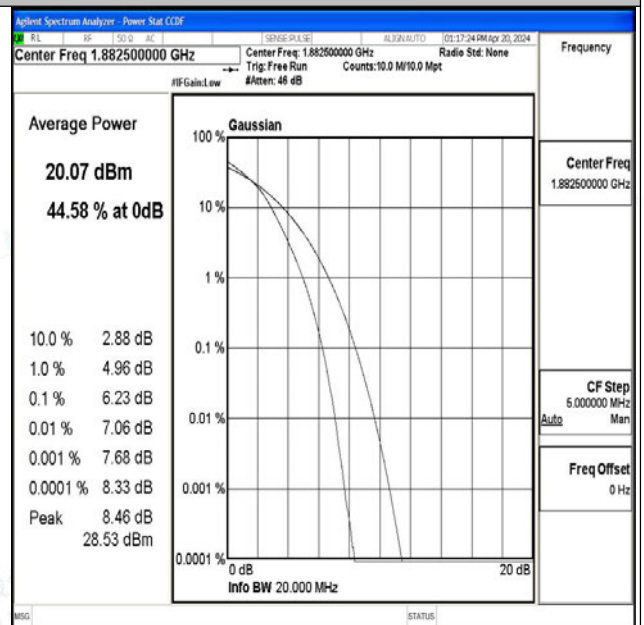
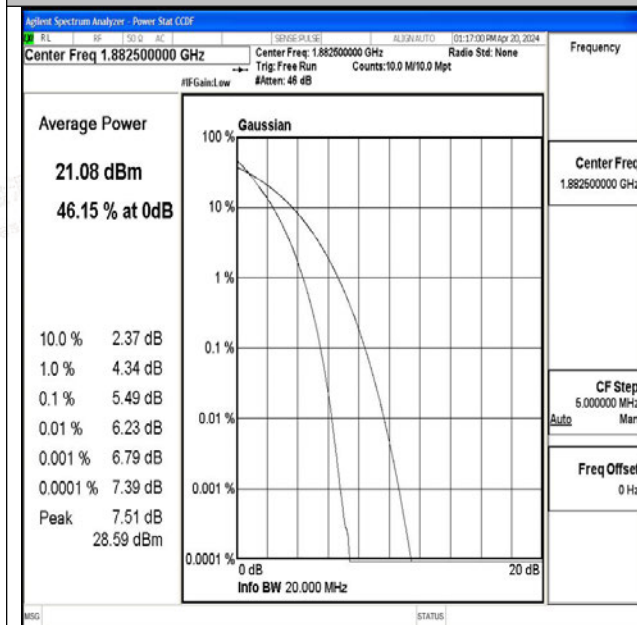
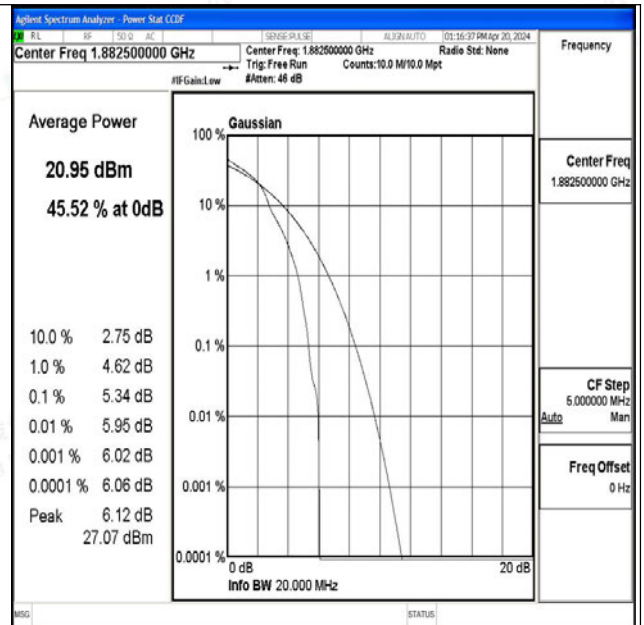
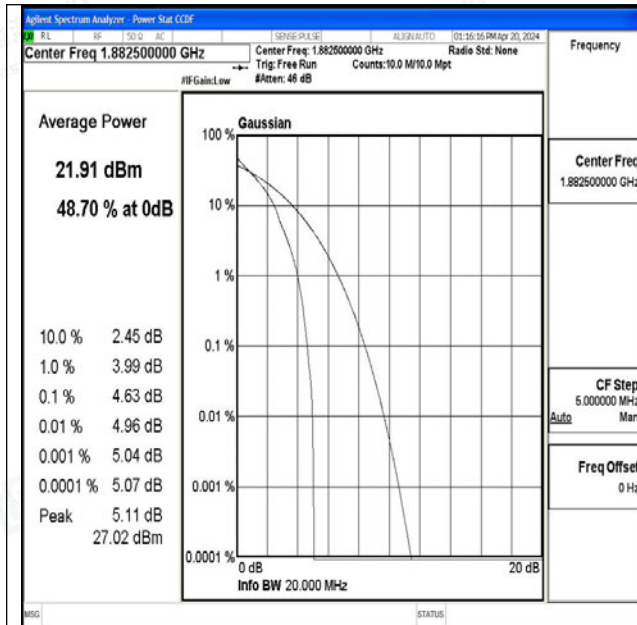


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

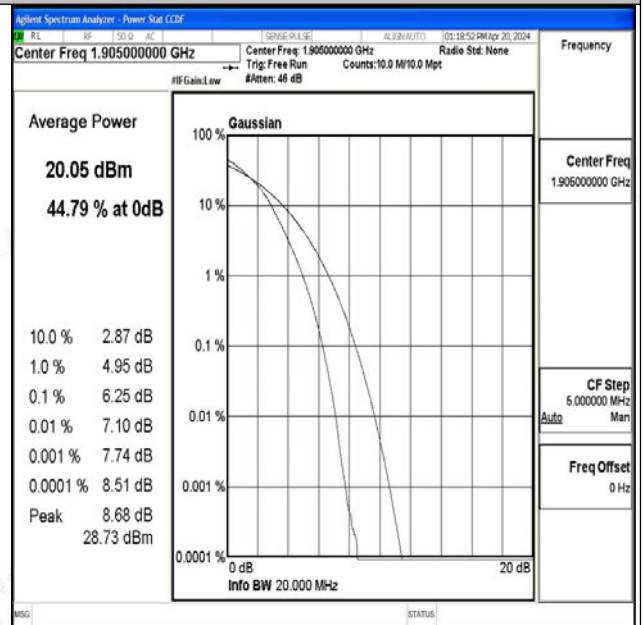
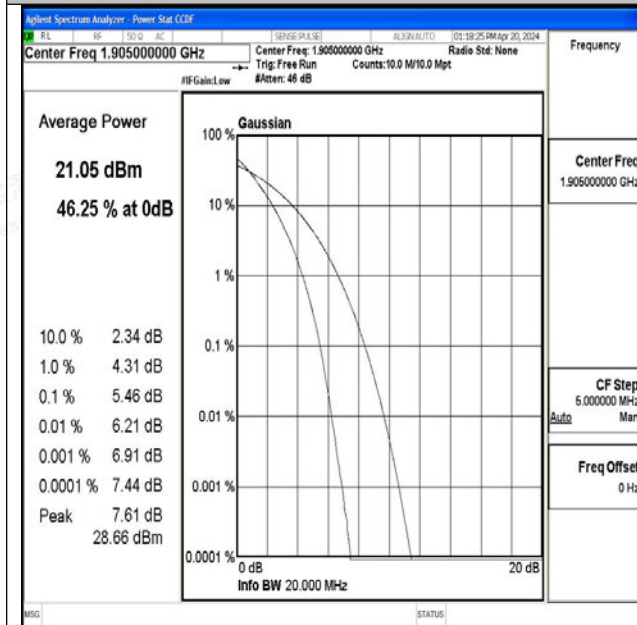
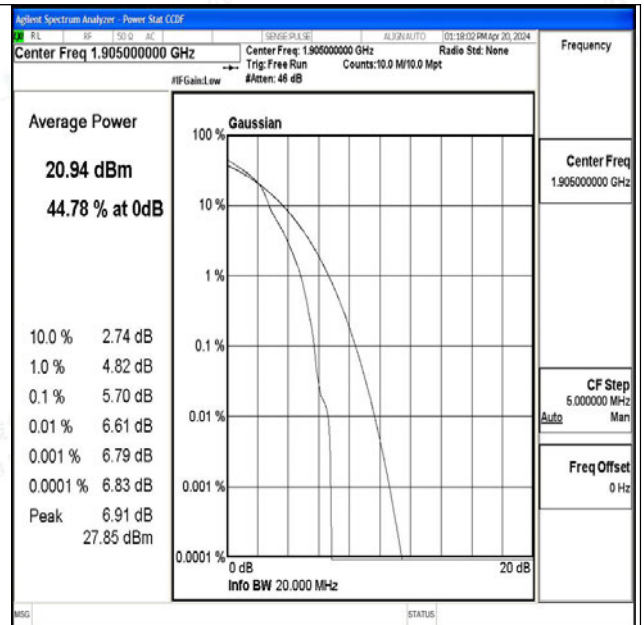
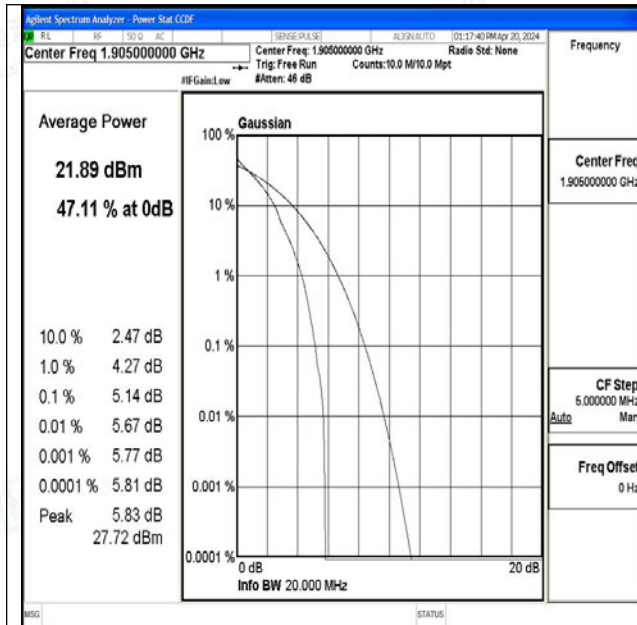


Shenzhen LCS Compliance Testing Laboratory Ltd.

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



I.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	1.0917	1.286	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	1.0963	1.303	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	1.0890	1.280	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	1.0910	1.303	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	1.0922	1.299	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	1.0963	1.301	PASS
Band25	3MHz	QPSK	26055	15RB#0	2.6861	2.890	PASS
Band25	3MHz	16QAM	26055	15RB#0	2.6776	2.888	PASS
Band25	3MHz	QPSK	26365	15RB#0	2.6859	2.887	PASS
Band25	3MHz	16QAM	26365	15RB#0	2.6856	2.894	PASS
Band25	3MHz	QPSK	26675	15RB#0	2.6927	2.914	PASS
Band25	3MHz	16QAM	26675	15RB#0	2.6822	2.898	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.5188	5.178	PASS
Band25	5MHz	16QAM	26065	25RB#0	4.5115	5.105	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.5139	5.190	PASS
Band25	5MHz	16QAM	26365	25RB#0	4.5141	5.112	PASS
Band25	5MHz	QPSK	26665	25RB#0	4.5207	5.191	PASS
Band25	5MHz	16QAM	26665	25RB#0	4.5101	5.112	PASS
Band25	10MHz	QPSK	26090	50RB#0	8.9907	10.06	PASS
Band25	10MHz	16QAM	26090	50RB#0	8.9849	10.03	PASS
Band25	10MHz	QPSK	26365	50RB#0	8.9976	10.04	PASS
Band25	10MHz	16QAM	26365	50RB#0	8.9931	9.976	PASS
Band25	10MHz	QPSK	26640	50RB#0	9.0136	10.13	PASS
Band25	10MHz	16QAM	26640	50RB#0	9.0232	9.962	PASS
Band25	15MHz	QPSK	26115	75RB#0	13.515	14.99	PASS
Band25	15MHz	16QAM	26115	75RB#0	13.505	15.01	PASS
Band25	15MHz	QPSK	26365	75RB#0	13.476	14.97	PASS
Band25	15MHz	16QAM	26365	75RB#0	13.470	14.81	PASS
Band25	15MHz	QPSK	26615	75RB#0	13.500	15.13	PASS
Band25	15MHz	16QAM	26615	75RB#0	13.497	14.86	PASS
Band25	20MHz	QPSK	26140	100RB#0	18.009	19.70	PASS
Band25	20MHz	16QAM	26140	100RB#0	17.982	19.60	PASS
Band25	20MHz	QPSK	26365	100RB#0	17.921	19.71	PASS
Band25	20MHz	16QAM	26365	100RB#0	17.985	19.76	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity



Band25	20MHz	QPSK	26590	100RB#0	17.947	19.62	PASS
Band25	20MHz	16QAM	26590	100RB#0	17.972	19.56	PASS



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



Test Graphs

