



Appendix D: Test Data for E-UTRA Band 2

Product Name: Mini smartphone

Test Model: XS19Pro

Environmental Conditions

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





D.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	22.71	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.68	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	22.72	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.67	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	22.68	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.79	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	22.73	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	22.74	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	22.60	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	22.67	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	22.66	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	22.68	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.66	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	22.73	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	22.75	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.72	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	22.75	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.72	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	22.76	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.75	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	22.59	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	22.70	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	22.70	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	22.73	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	22.68	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	22.66	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.67	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	22.77	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	22.73	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.70	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	22.71	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.65	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	22.69	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.69	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	22.75	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	22.71	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



Band2	1.4MHz	QPSK	19193	3RB#1	22.75	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	22.70	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	22.81	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	22.61	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.63	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	22.66	PASS
Band2	3MHz	QPSK	18615	1RB#0	22.75	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.70	PASS
Band2	3MHz	QPSK	18615	1RB#8	22.66	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.68	PASS
Band2	3MHz	QPSK	18615	1RB#14	22.71	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.68	PASS
Band2	3MHz	QPSK	18615	8RB#0	22.73	PASS
Band2	3MHz	16QAM	18615	8RB#0	22.76	PASS
Band2	3MHz	QPSK	18615	8RB#4	22.84	PASS
Band2	3MHz	16QAM	18615	8RB#4	22.68	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.67	PASS
Band2	3MHz	16QAM	18615	8RB#7	22.70	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.70	PASS
Band2	3MHz	16QAM	18615	15RB#0	22.67	PASS
Band2	3MHz	QPSK	18900	1RB#0	22.68	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.71	PASS
Band2	3MHz	QPSK	18900	1RB#8	22.70	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.65	PASS
Band2	3MHz	QPSK	18900	1RB#14	22.66	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.73	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.70	PASS
Band2	3MHz	16QAM	18900	8RB#0	22.69	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.65	PASS
Band2	3MHz	16QAM	18900	8RB#4	22.70	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.67	PASS
Band2	3MHz	16QAM	18900	8RB#7	22.77	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.76	PASS
Band2	3MHz	16QAM	18900	15RB#0	22.78	PASS
Band2	3MHz	QPSK	19185	1RB#0	22.65	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.69	PASS
Band2	3MHz	QPSK	19185	1RB#8	22.71	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.66	PASS
Band2	3MHz	QPSK	19185	1RB#14	22.67	PASS
Band2	3MHz	16QAM	19185	1RB#14	22.73	PASS
Band2	3MHz	QPSK	19185	8RB#0	22.72	PASS
Band2	3MHz	16QAM	19185	8RB#0	22.78	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



Band2	3MHz	QPSK	19185	8RB#4	22.68	PASS
Band2	3MHz	16QAM	19185	8RB#4	22.78	PASS
Band2	3MHz	QPSK	19185	8RB#7	22.76	PASS
Band2	3MHz	16QAM	19185	8RB#7	22.84	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.67	PASS
Band2	3MHz	16QAM	19185	15RB#0	22.71	PASS
Band2	5MHz	QPSK	18625	1RB#0	22.65	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.70	PASS
Band2	5MHz	QPSK	18625	1RB#12	22.68	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.64	PASS
Band2	5MHz	QPSK	18625	1RB#24	22.68	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.72	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.69	PASS
Band2	5MHz	16QAM	18625	12RB#0	22.71	PASS
Band2	5MHz	QPSK	18625	12RB#6	22.70	PASS
Band2	5MHz	16QAM	18625	12RB#6	22.70	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.62	PASS
Band2	5MHz	16QAM	18625	12RB#13	22.63	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.67	PASS
Band2	5MHz	16QAM	18625	25RB#0	22.65	PASS
Band2	5MHz	QPSK	18900	1RB#0	22.69	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.75	PASS
Band2	5MHz	QPSK	18900	1RB#12	22.75	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.69	PASS
Band2	5MHz	QPSK	18900	1RB#24	22.77	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.66	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.71	PASS
Band2	5MHz	16QAM	18900	12RB#0	22.72	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.75	PASS
Band2	5MHz	16QAM	18900	12RB#6	22.68	PASS
Band2	5MHz	QPSK	18900	12RB#13	22.74	PASS
Band2	5MHz	16QAM	18900	12RB#13	22.69	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.77	PASS
Band2	5MHz	16QAM	18900	25RB#0	22.76	PASS
Band2	5MHz	QPSK	19175	1RB#0	22.71	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.80	PASS
Band2	5MHz	QPSK	19175	1RB#12	22.78	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.59	PASS
Band2	5MHz	QPSK	19175	1RB#24	22.66	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.66	PASS
Band2	5MHz	QPSK	19175	12RB#0	22.69	PASS
Band2	5MHz	16QAM	19175	12RB#0	22.62	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



Band2	5MHz	QPSK	19175	12RB#6	22.71	PASS
Band2	5MHz	16QAM	19175	12RB#6	22.74	PASS
Band2	5MHz	QPSK	19175	12RB#13	22.72	PASS
Band2	5MHz	16QAM	19175	12RB#13	22.72	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.67	PASS
Band2	5MHz	16QAM	19175	25RB#0	22.71	PASS
Band2	10MHz	QPSK	18650	1RB#0	22.74	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.60	PASS
Band2	10MHz	QPSK	18650	1RB#24	22.65	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.72	PASS
Band2	10MHz	QPSK	18650	1RB#49	22.65	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.63	PASS
Band2	10MHz	QPSK	18650	25RB#0	22.67	PASS
Band2	10MHz	16QAM	18650	25RB#0	22.65	PASS
Band2	10MHz	QPSK	18650	25RB#12	22.69	PASS
Band2	10MHz	16QAM	18650	25RB#12	22.75	PASS
Band2	10MHz	QPSK	18650	25RB#25	22.75	PASS
Band2	10MHz	16QAM	18650	25RB#25	20.88	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.69	PASS
Band2	10MHz	16QAM	18650	50RB#0	22.74	PASS
Band2	10MHz	QPSK	18900	1RB#0	22.69	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.74	PASS
Band2	10MHz	QPSK	18900	1RB#24	22.75	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.75	PASS
Band2	10MHz	QPSK	18900	1RB#49	22.78	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.81	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.63	PASS
Band2	10MHz	16QAM	18900	25RB#0	22.63	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.70	PASS
Band2	10MHz	16QAM	18900	25RB#12	22.67	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.70	PASS
Band2	10MHz	16QAM	18900	25RB#25	22.71	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.74	PASS
Band2	10MHz	16QAM	18900	50RB#0	22.74	PASS
Band2	10MHz	QPSK	19150	1RB#0	22.68	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.72	PASS
Band2	10MHz	QPSK	19150	1RB#24	22.73	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.80	PASS
Band2	10MHz	QPSK	19150	1RB#49	22.65	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.70	PASS
Band2	10MHz	QPSK	19150	25RB#0	22.69	PASS
Band2	10MHz	16QAM	19150	25RB#0	22.68	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



Band2	10MHz	QPSK	19150	25RB#12	22.67	PASS
Band2	10MHz	16QAM	19150	25RB#12	22.70	PASS
Band2	10MHz	QPSK	19150	25RB#25	22.66	PASS
Band2	10MHz	16QAM	19150	25RB#25	22.75	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.71	PASS
Band2	10MHz	16QAM	19150	50RB#0	22.74	PASS
Band2	15MHz	QPSK	18675	1RB#0	22.78	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.78	PASS
Band2	15MHz	QPSK	18675	1RB#38	22.63	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.67	PASS
Band2	15MHz	QPSK	18675	1RB#74	22.73	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.70	PASS
Band2	15MHz	QPSK	18675	38RB#0	22.66	PASS
Band2	15MHz	16QAM	18675	38RB#0	22.75	PASS
Band2	15MHz	QPSK	18675	38RB#18	22.77	PASS
Band2	15MHz	16QAM	18675	38RB#18	22.78	PASS
Band2	15MHz	QPSK	18675	38RB#37	22.71	PASS
Band2	15MHz	16QAM	18675	38RB#37	22.72	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.78	PASS
Band2	15MHz	16QAM	18675	75RB#0	22.84	PASS
Band2	15MHz	QPSK	18900	1RB#0	22.62	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.65	PASS
Band2	15MHz	QPSK	18900	1RB#38	22.65	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.62	PASS
Band2	15MHz	QPSK	18900	1RB#74	22.67	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.69	PASS
Band2	15MHz	QPSK	18900	38RB#0	22.70	PASS
Band2	15MHz	16QAM	18900	38RB#0	22.67	PASS
Band2	15MHz	QPSK	18900	38RB#18	22.74	PASS
Band2	15MHz	16QAM	18900	38RB#18	22.73	PASS
Band2	15MHz	QPSK	18900	38RB#37	22.83	PASS
Band2	15MHz	16QAM	18900	38RB#37	22.68	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.71	PASS
Band2	15MHz	16QAM	18900	75RB#0	22.73	PASS
Band2	15MHz	QPSK	19125	1RB#0	22.73	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.69	PASS
Band2	15MHz	QPSK	19125	1RB#38	22.69	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.76	PASS
Band2	15MHz	QPSK	19125	1RB#74	22.77	PASS
Band2	15MHz	16QAM	19125	1RB#74	22.70	PASS
Band2	15MHz	QPSK	19125	38RB#0	22.79	PASS
Band2	15MHz	16QAM	19125	38RB#0	22.72	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



Band2	15MHz	QPSK	19125	38RB#18	22.65	PASS
Band2	15MHz	16QAM	19125	38RB#18	22.69	PASS
Band2	15MHz	QPSK	19125	38RB#37	22.70	PASS
Band2	15MHz	16QAM	19125	38RB#37	22.67	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.73	PASS
Band2	15MHz	16QAM	19125	75RB#0	22.75	PASS
Band2	20MHz	QPSK	18700	1RB#0	22.72	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.83	PASS
Band2	20MHz	QPSK	18700	1RB#49	22.60	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.69	PASS
Band2	20MHz	QPSK	18700	1RB#99	22.74	PASS
Band2	20MHz	16QAM	18700	1RB#99	22.71	PASS
Band2	20MHz	QPSK	18700	50RB#0	22.63	PASS
Band2	20MHz	16QAM	18700	50RB#0	22.75	PASS
Band2	20MHz	QPSK	18700	50RB#25	22.70	PASS
Band2	20MHz	16QAM	18700	50RB#25	22.73	PASS
Band2	20MHz	QPSK	18700	50RB#50	22.68	PASS
Band2	20MHz	16QAM	18700	50RB#50	22.72	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.77	PASS
Band2	20MHz	16QAM	18700	100RB#0	22.76	PASS
Band2	20MHz	QPSK	18900	1RB#0	22.61	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.68	PASS
Band2	20MHz	QPSK	18900	1RB#49	22.74	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.72	PASS
Band2	20MHz	QPSK	18900	1RB#99	22.65	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.67	PASS
Band2	20MHz	QPSK	18900	50RB#0	22.72	PASS
Band2	20MHz	16QAM	18900	50RB#0	22.73	PASS
Band2	20MHz	QPSK	18900	50RB#25	22.75	PASS
Band2	20MHz	16QAM	18900	50RB#25	22.74	PASS
Band2	20MHz	QPSK	18900	50RB#50	22.77	PASS
Band2	20MHz	16QAM	18900	50RB#50	22.76	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.69	PASS
Band2	20MHz	16QAM	18900	100RB#0	22.66	PASS
Band2	20MHz	QPSK	19100	1RB#0	22.73	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.70	PASS
Band2	20MHz	QPSK	19100	1RB#49	22.71	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.71	PASS
Band2	20MHz	QPSK	19100	1RB#99	22.73	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.78	PASS
Band2	20MHz	QPSK	19100	50RB#0	22.69	PASS
Band2	20MHz	16QAM	19100	50RB#0	22.79	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



Band2	20MHz	QPSK	19100	50RB#25	22.76	PASS
Band2	20MHz	16QAM	19100	50RB#25	22.78	PASS
Band2	20MHz	QPSK	19100	50RB#50	22.67	PASS
Band2	20MHz	16QAM	19100	50RB#50	22.64	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.66	PASS
Band2	20MHz	16QAM	19100	100RB#0	22.74	PASS





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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	4.30	13	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	5.28	13	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	5.17	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	5.68	13	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	4.18	13	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	4.98	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	4.94	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	5.62	13	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	3.88	13	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	4.60	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	4.68	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	5.41	13	PASS
Band2	3MHz	QPSK	18615	1RB#0	4.70	13	PASS
Band2	3MHz	16QAM	18615	1RB#0	5.62	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	5.23	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	6.01	13	PASS
Band2	3MHz	QPSK	18900	1RB#0	4.32	13	PASS
Band2	3MHz	16QAM	18900	1RB#0	5.16	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	4.99	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	5.74	13	PASS
Band2	3MHz	QPSK	19185	1RB#0	3.95	13	PASS
Band2	3MHz	16QAM	19185	1RB#0	4.82	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	4.68	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	5.47	13	PASS
Band2	5MHz	QPSK	18625	1RB#0	4.80	13	PASS
Band2	5MHz	16QAM	18625	1RB#0	5.55	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	5.45	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	6.10	13	PASS
Band2	5MHz	QPSK	18900	1RB#0	4.09	13	PASS
Band2	5MHz	16QAM	18900	1RB#0	4.94	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.04	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	5.72	13	PASS
Band2	5MHz	QPSK	19175	1RB#0	4.27	13	PASS
Band2	5MHz	16QAM	19175	1RB#0	5.10	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.06	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



Band2	5MHz	16QAM	19175	25RB#0	5.71	13	PASS
Band2	10MHz	QPSK	18650	1RB#0	4.75	13	PASS
Band2	10MHz	16QAM	18650	1RB#0	5.61	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.61	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	6.31	13	PASS
Band2	10MHz	QPSK	18900	1RB#0	4.62	13	PASS
Band2	10MHz	16QAM	18900	1RB#0	5.62	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.28	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	6.02	13	PASS
Band2	10MHz	QPSK	19150	1RB#0	4.41	13	PASS
Band2	10MHz	16QAM	19150	1RB#0	5.26	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.11	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	5.86	13	PASS
Band2	15MHz	QPSK	18675	1RB#0	4.76	13	PASS
Band2	15MHz	16QAM	18675	1RB#0	5.67	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	6.02	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.50	13	PASS
Band2	15MHz	QPSK	18900	1RB#0	4.76	13	PASS
Band2	15MHz	16QAM	18900	1RB#0	5.72	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.55	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.10	13	PASS
Band2	15MHz	QPSK	19125	1RB#0	4.45	13	PASS
Band2	15MHz	16QAM	19125	1RB#0	5.23	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.46	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	6.03	13	PASS
Band2	20MHz	QPSK	18700	1RB#0	4.63	13	PASS
Band2	20MHz	16QAM	18700	1RB#0	5.39	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.81	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.49	13	PASS
Band2	20MHz	QPSK	18900	1RB#0	4.70	13	PASS
Band2	20MHz	16QAM	18900	1RB#0	5.32	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.33	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.08	13	PASS
Band2	20MHz	QPSK	19100	1RB#0	4.68	13	PASS
Band2	20MHz	16QAM	19100	1RB#0	5.29	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.45	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.17	13	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

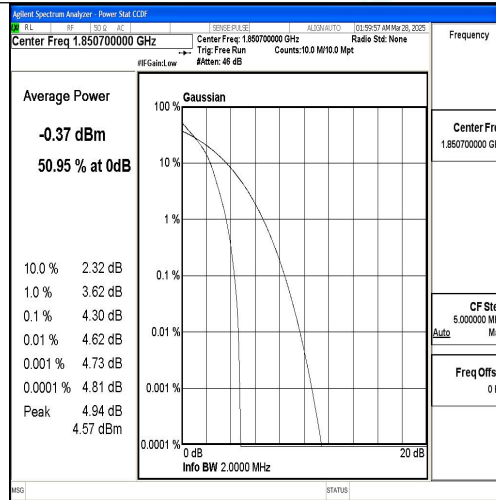
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

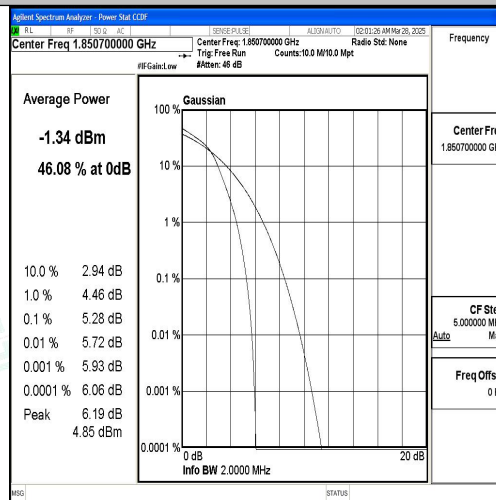
Scan code to check authenticity



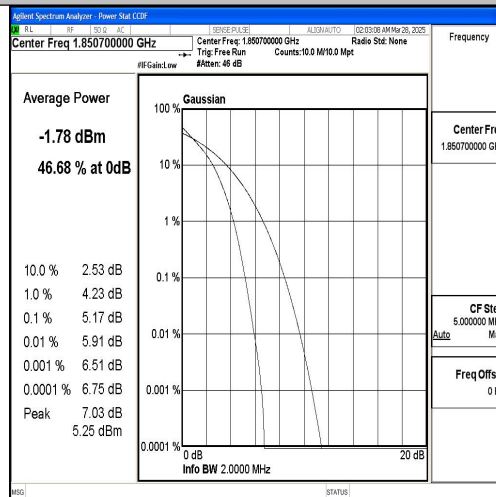
Test Graphs



Band2-1.4MHz-QPSK-18607-1RB#0-PASS



Band2-1.4MHz-16QAM-18607-1RB#0-PASS



Band2-1.4MHz-QPSK-18607-6RB#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

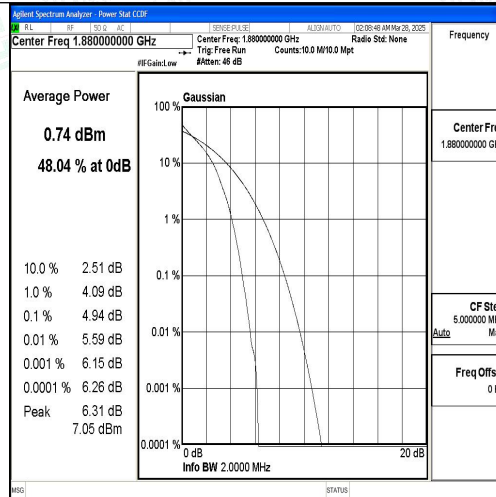


Shenzhen LCS Compliance Testing Laboratory Ltd.

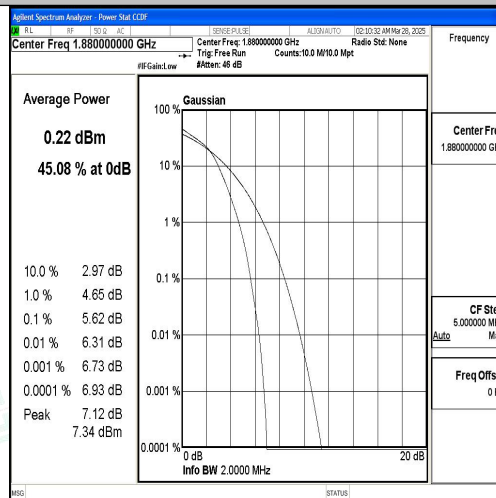
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

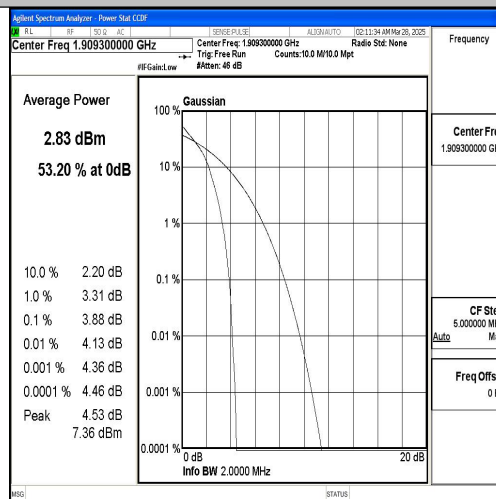
Scan code to check authenticity



Band2-1.4MHz-QPSK-18900-6RB#0-PASS



Band2-1.4MHz-16QAM-18900-6RB#0-PASS



Band2-1.4MHz-QPSK-19193-1RB#0-PASS

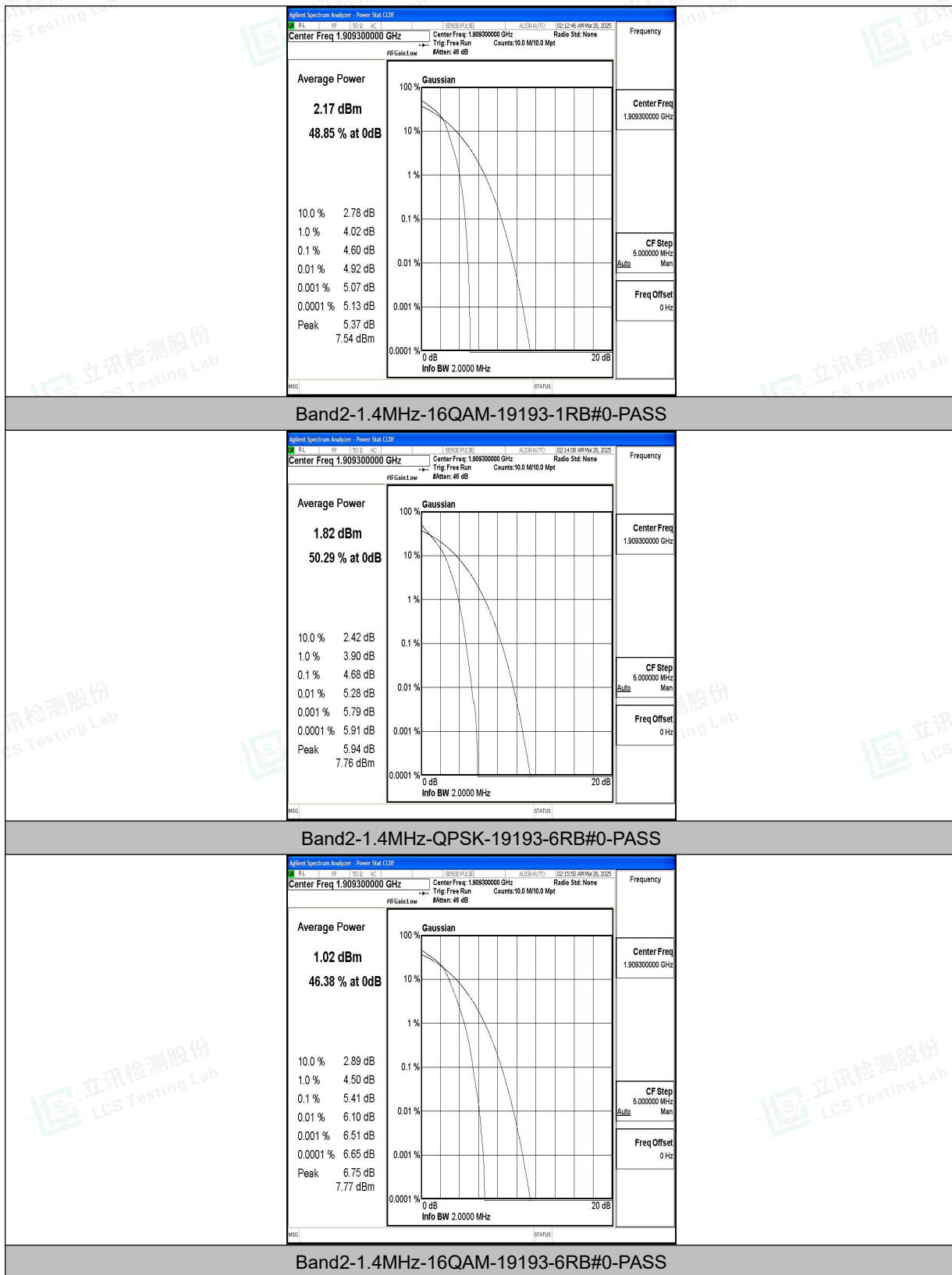


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

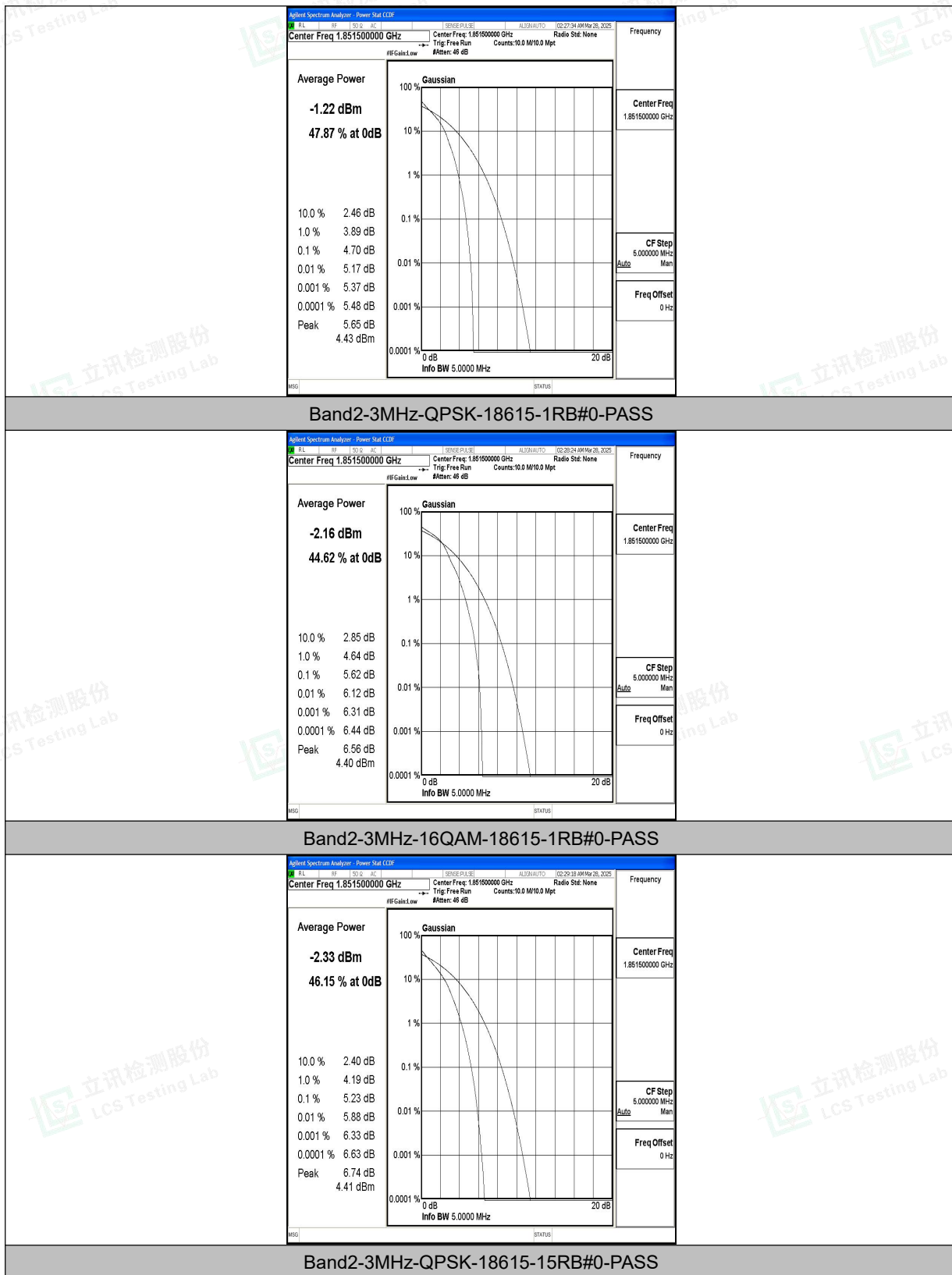


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

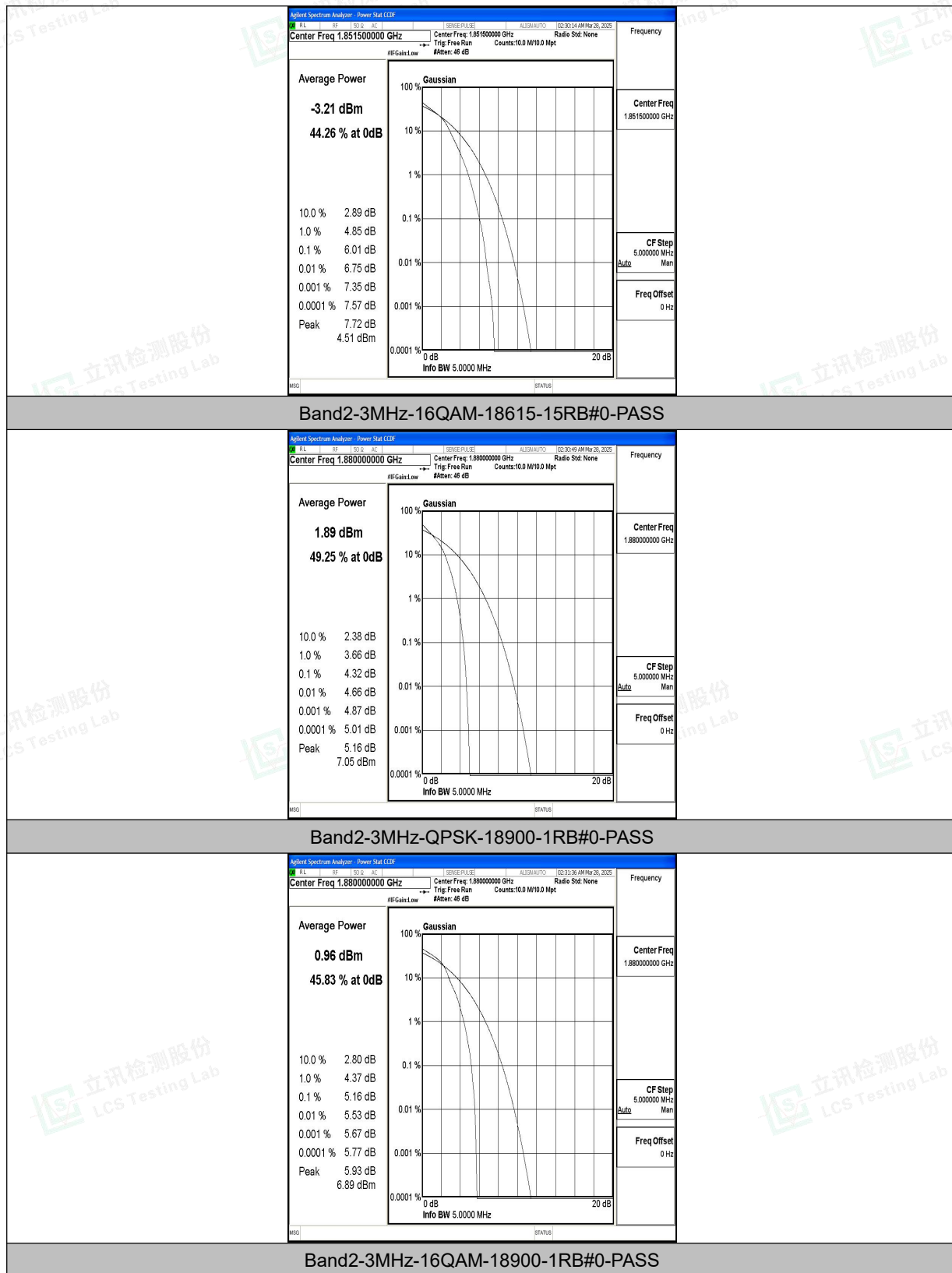


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

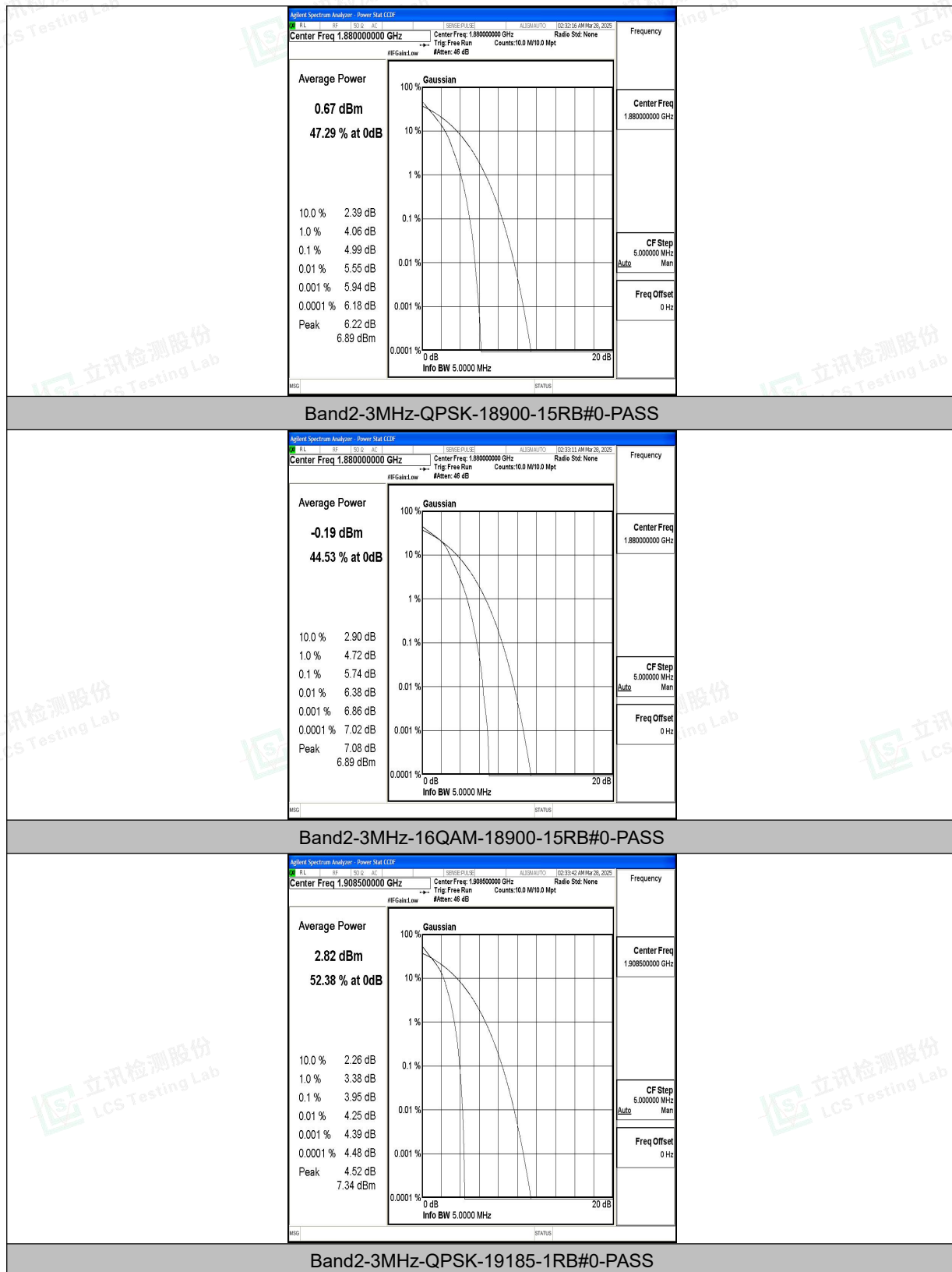


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

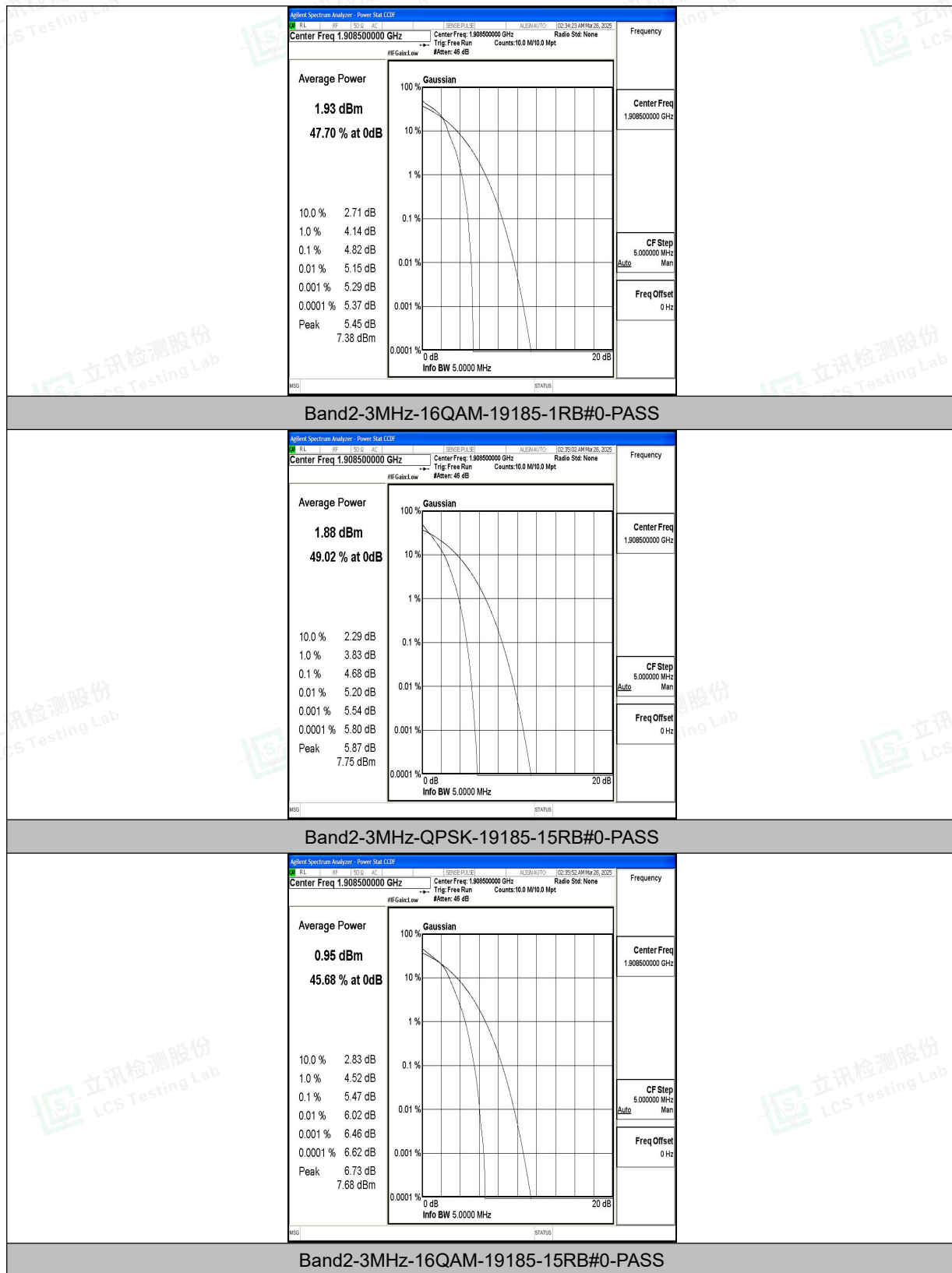


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

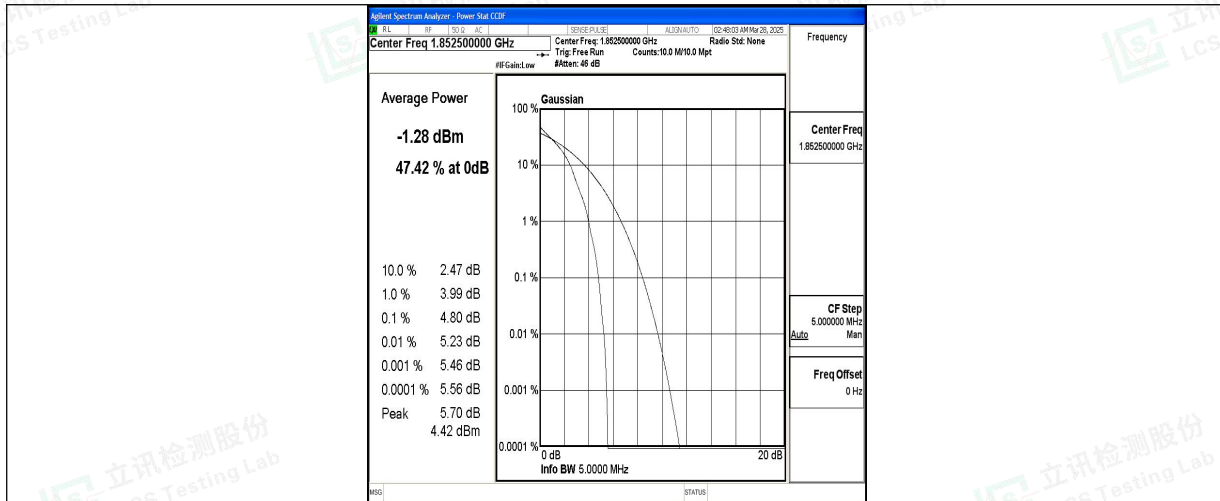


Shenzhen LCS Compliance Testing Laboratory Ltd.

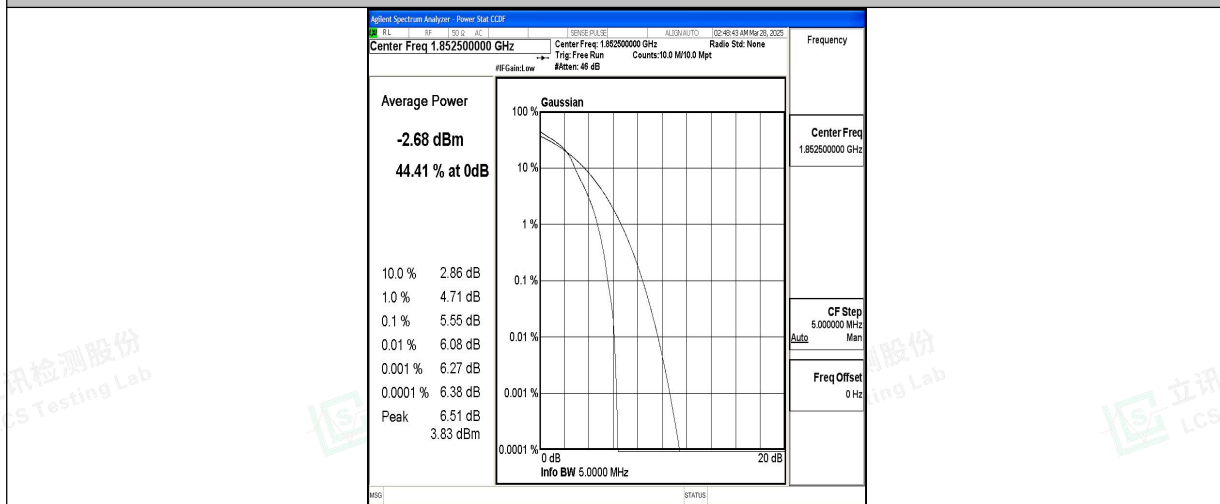
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

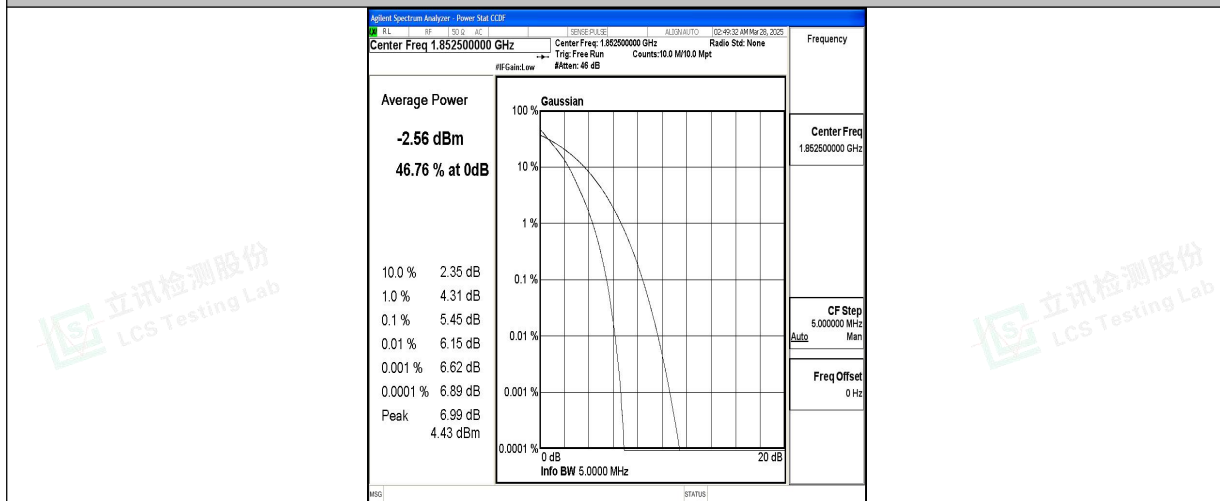
Scan code to check authenticity



Band2-5MHz-QPSK-18625-1RB#0-PASS



Band2-5MHz-16QAM-18625-1RB#0-PASS



Band2-5MHz-QPSK-18625-25RB#0-PASS

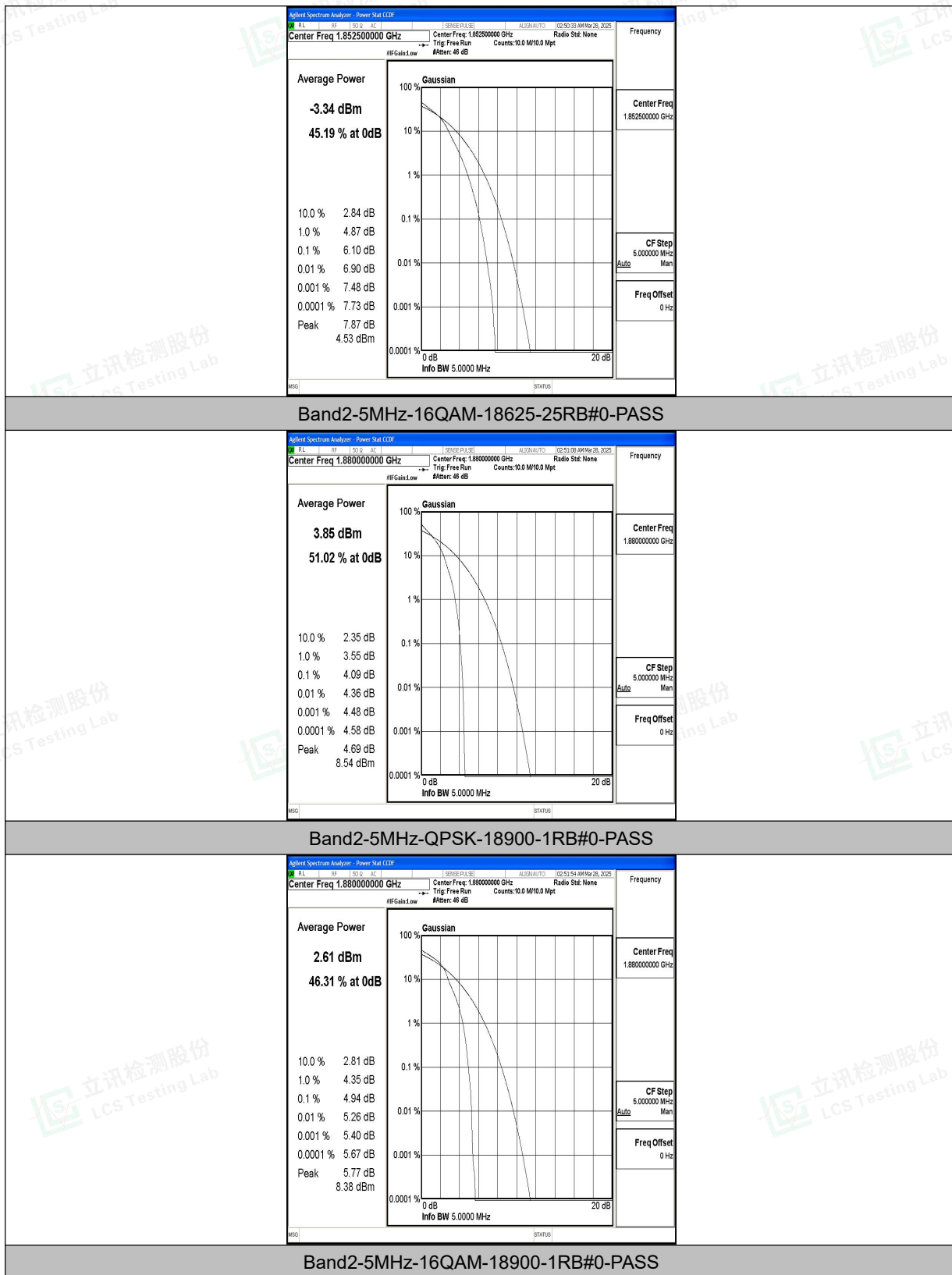


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity

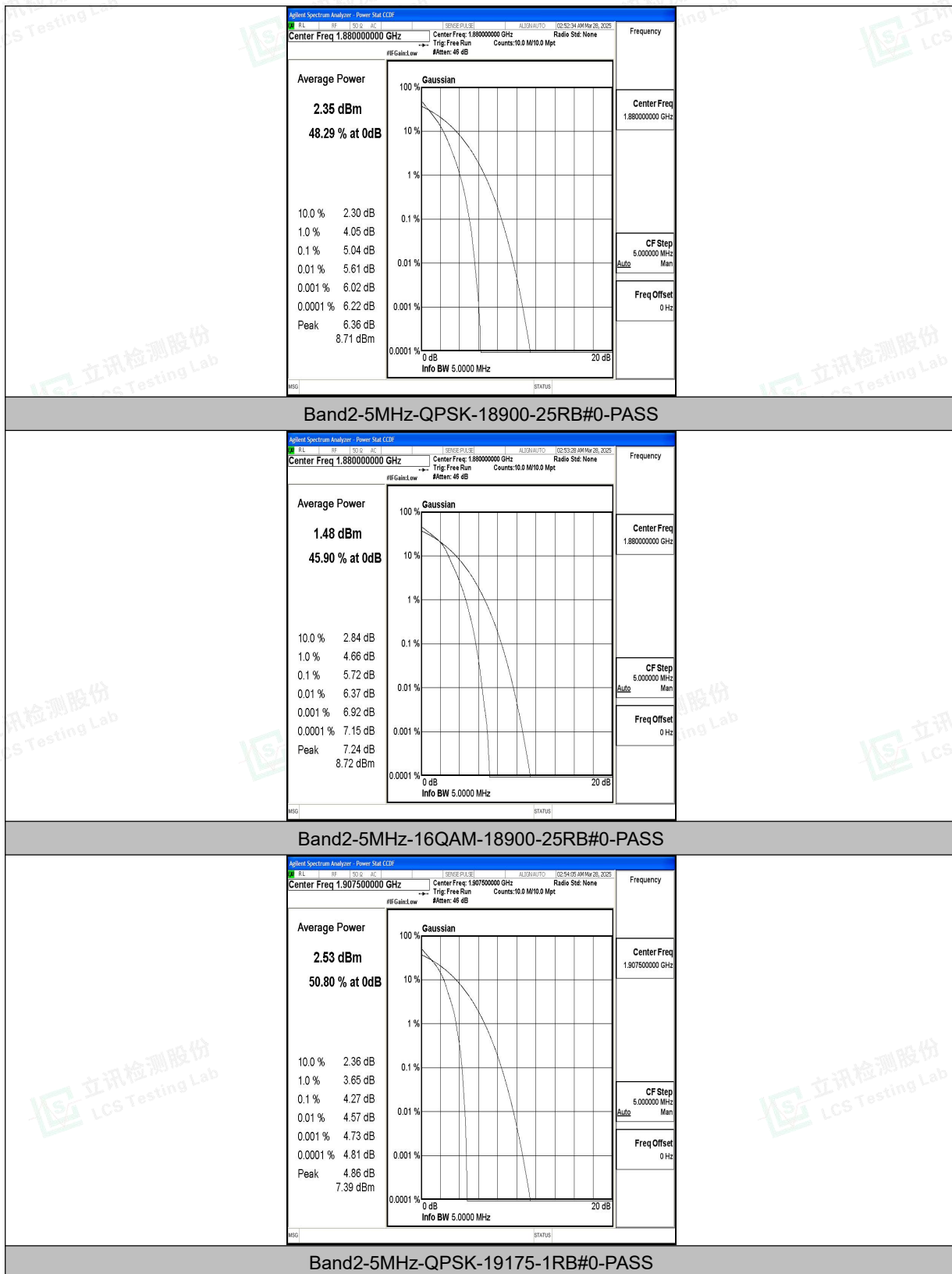


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity

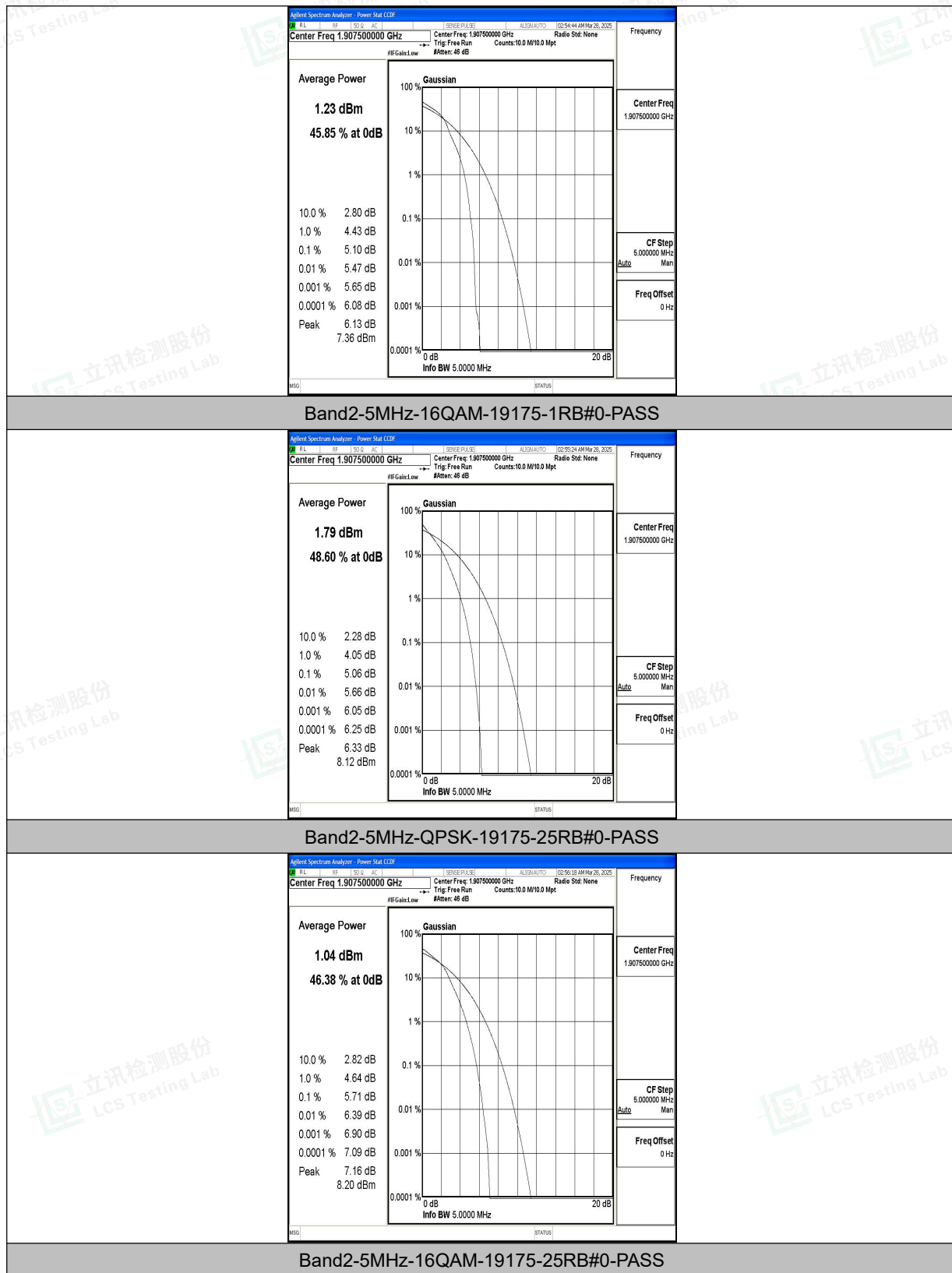


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity

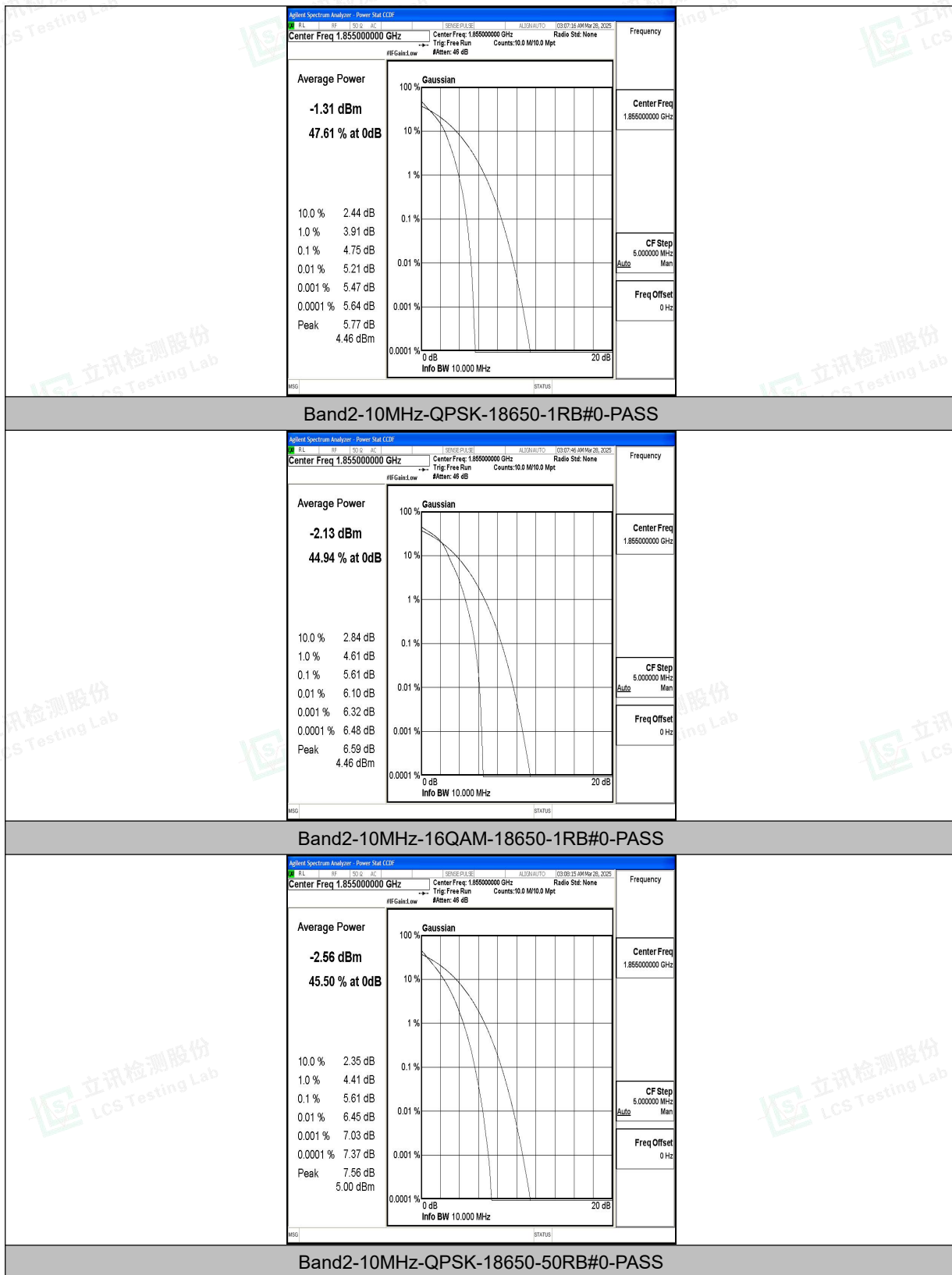


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity

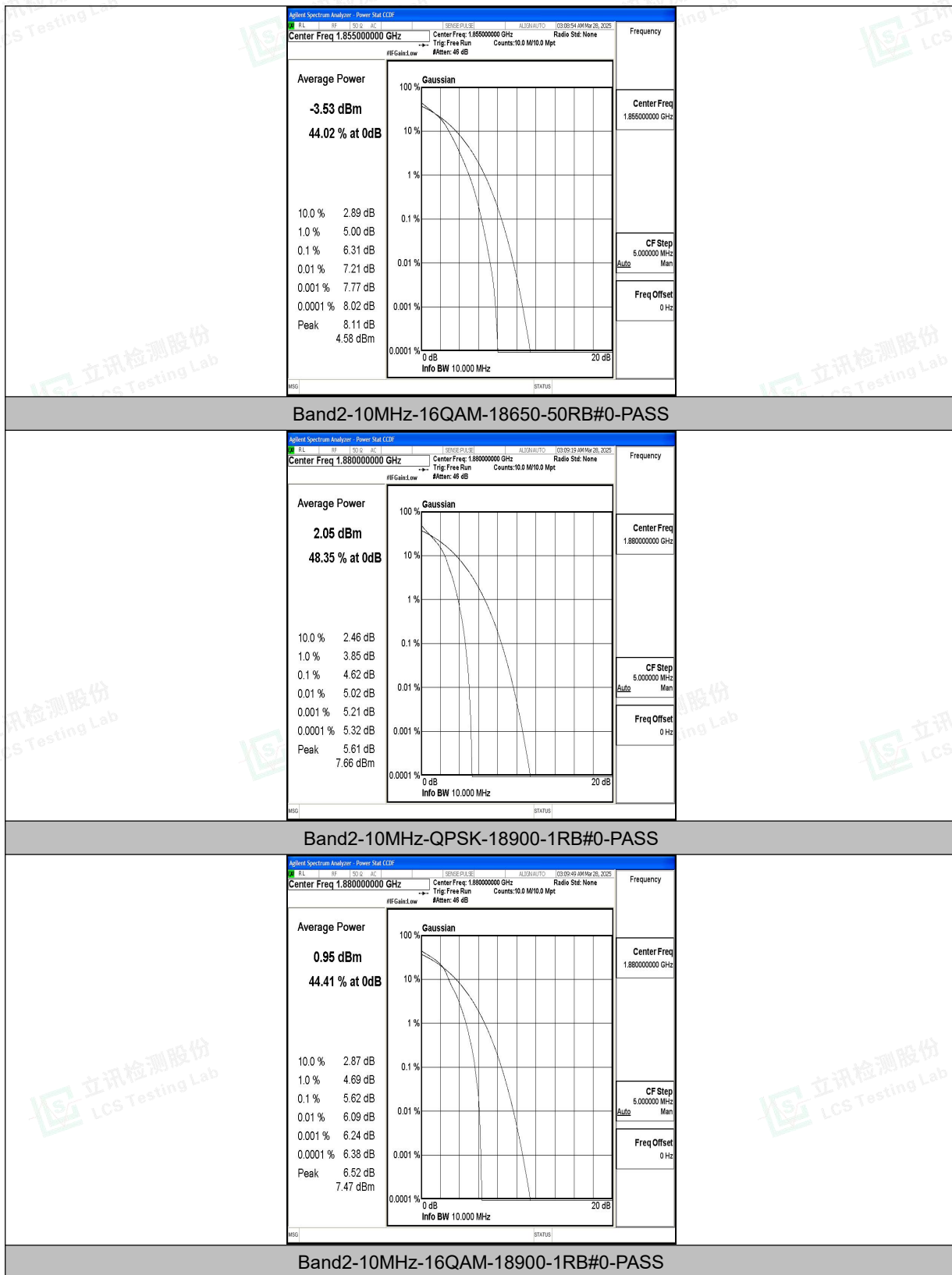


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

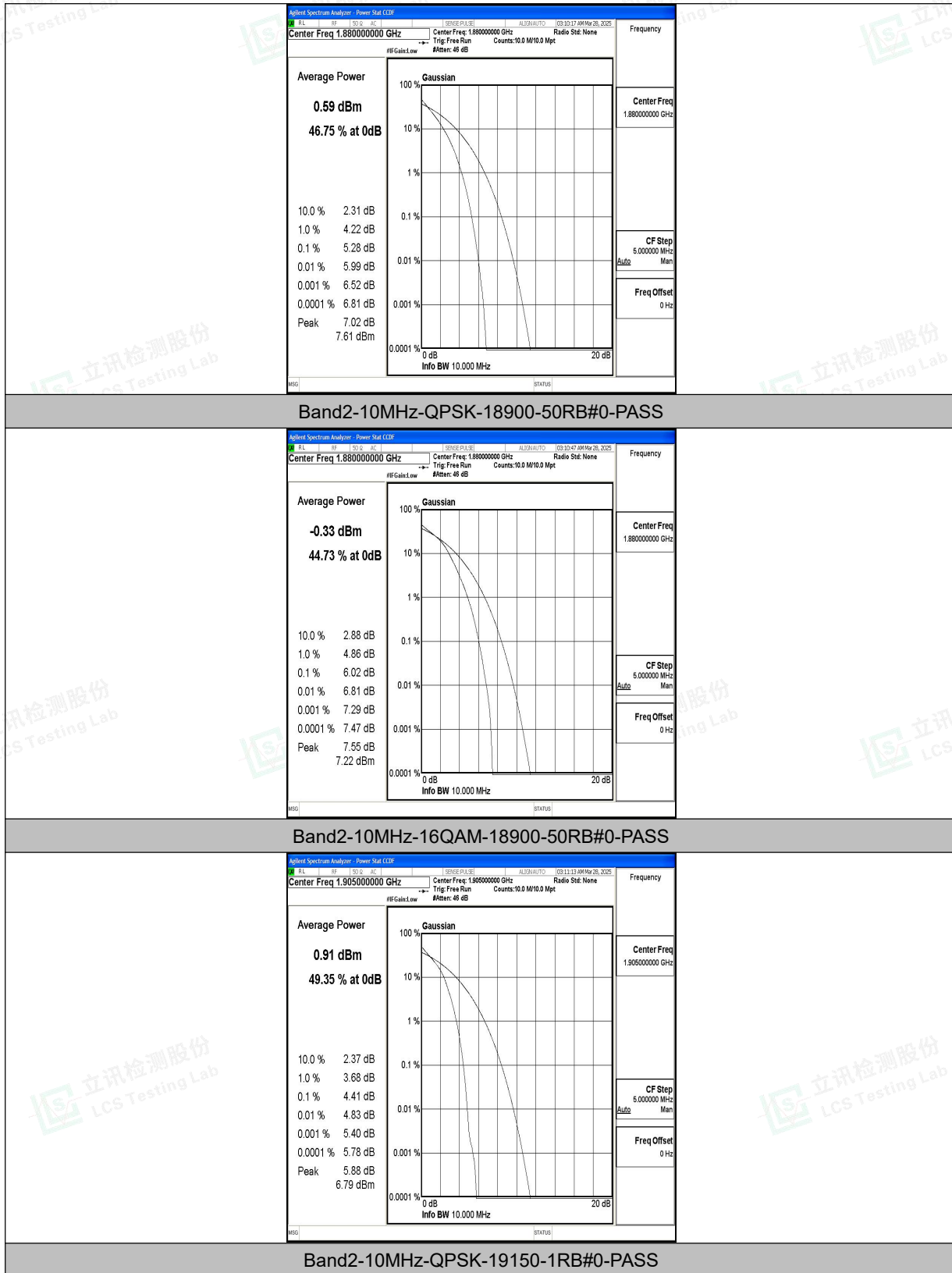


Shenzhen LCS Compliance Testing Laboratory Ltd.

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