



Appendix C Test Data for E-UTRA Band 4

Product Name: Global 4G Wifi Router

Test Model: TD20

Environmental Conditions

Temperature:	24.6° C
Relative Humidity:	53.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Andre Tan
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



C.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.67	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.20	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.71	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.31	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.63	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.21	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.80	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.54	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.77	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.51	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.69	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.52	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.66	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.11	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.71	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.62	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.73	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.74	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.76	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.61	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.78	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.92	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.83	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.93	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.77	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.85	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.81	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.07	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.73	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.91	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.72	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.75	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.77	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.83	PASS





Band4	1.4MHz	QPSK	20393	3RB#0	22.91	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.52	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.89	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.49	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.91	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.49	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.82	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.01	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.74	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.46	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.72	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.56	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.69	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.40	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.77	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.02	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.65	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.02	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.75	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.89	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.74	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.86	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.76	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.11	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.78	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.15	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.77	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.13	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.77	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.03	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.79	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.04	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.73	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.11	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.83	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.80	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.71	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.92	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.77	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.87	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



Band4	3MHz	QPSK	20385	1RB#14	22.74	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.89	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.82	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.09	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.86	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.07	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.78	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.03	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.77	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.91	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.71	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.12	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.64	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.17	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.62	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.16	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.80	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.86	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.79	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.90	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.72	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.81	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.76	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.82	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.62	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.83	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.61	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.82	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.66	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.80	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.75	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.97	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.75	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.95	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.81	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.88	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.88	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.76	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.35	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



Band4	5MHz	QPSK	20375	1RB#12	22.78	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.36	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.88	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.34	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.75	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.79	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.74	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.90	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.84	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.82	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.80	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.85	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.62	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.74	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.59	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.62	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.60	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.72	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.65	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.80	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.64	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.80	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.63	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.71	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.90	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.78	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.81	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.70	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.80	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.76	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.85	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.73	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.90	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.99	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.76	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.88	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.96	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.82	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.96	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



Band4	10MHz	QPSK	20350	1RB#0	22.75	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.47	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.76	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.60	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.80	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.54	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.86	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.89	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.87	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.89	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.82	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.93	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.91	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.01	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.68	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.44	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.67	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.50	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.66	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.56	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.68	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.74	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.81	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.77	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.72	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.74	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.87	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.71	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.31	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.52	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.34	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.60	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.36	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.53	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.72	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.73	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.73	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.73	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.74	PASS
Band4	15MHz	16QAM	20175	38RB#37	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



Band4	15MHz	QPSK	20175	75RB#0	21.73	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.90	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.67	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.41	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.81	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.50	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.77	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.50	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.86	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.86	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.85	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.85	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.85	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.84	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.84	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.96	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.73	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.33	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.63	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.39	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.64	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.39	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.65	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.89	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.77	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.89	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.78	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.93	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.71	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.77	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.68	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.13	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.74	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.16	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.70	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.06	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.72	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.97	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.83	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.98	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



Band4	20MHz	QPSK	20175	50RB#50	21.80	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.89	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.87	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.98	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.82	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.17	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.90	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.29	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.85	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.59	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.73	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.83	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.69	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.84	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.93	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.01	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.91	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.75	PASS





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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	4.11	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.21	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	5.18	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.86	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3.68	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	4.50	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.75	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.53	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	4.00	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	4.61	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.14	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.94	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	4.20	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	5.29	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.20	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.95	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	4.24	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	5.45	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.35	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	3.64	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	4.71	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.84	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.60	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	3.89	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	4.87	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.18	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.94	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.03	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	3.71	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	4.93	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.11	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.79	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	3.75	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	5.05	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

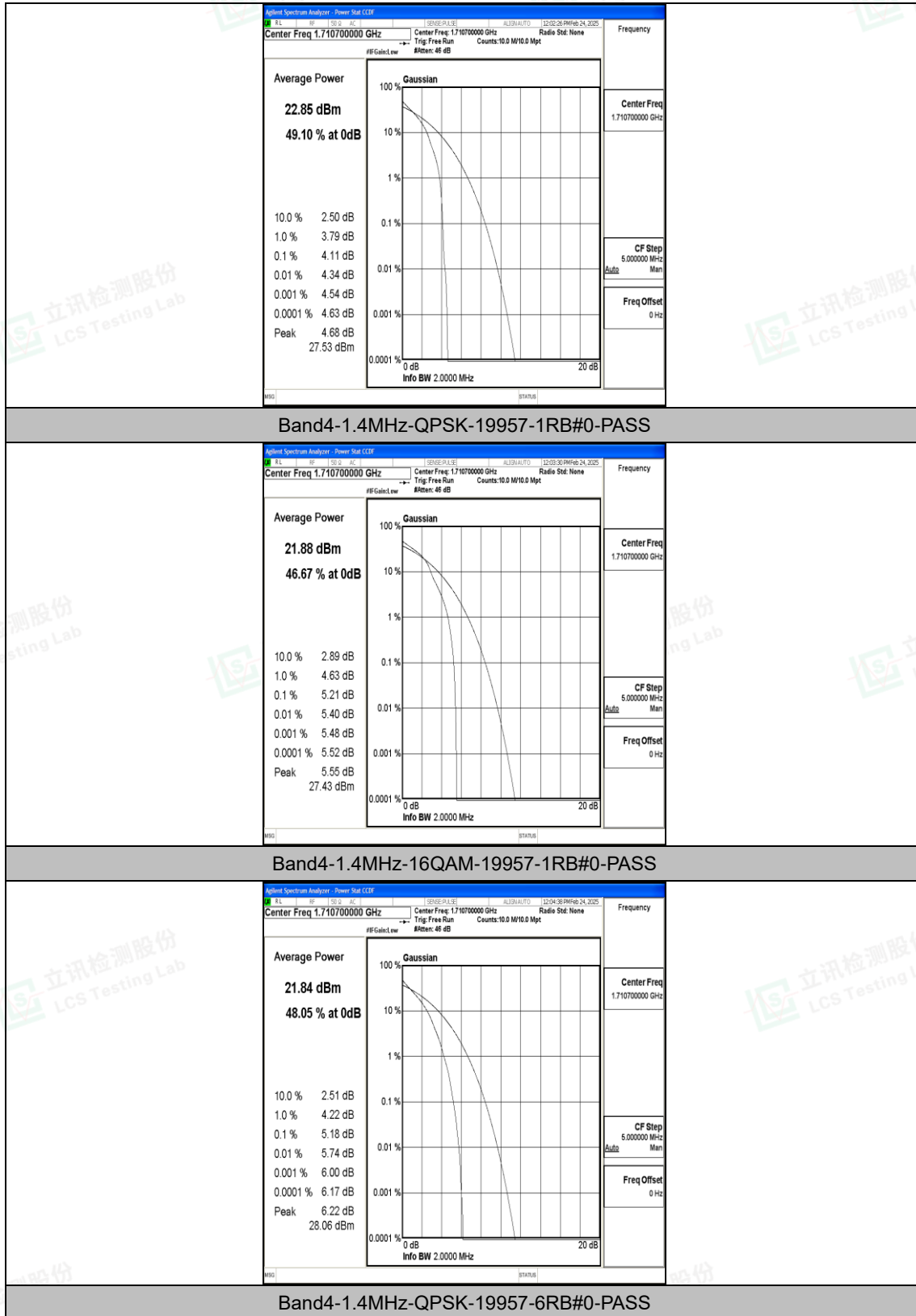


Band4	5MHz	QPSK	20375	25RB#0	5.35	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.01	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	4.17	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	5.09	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.30	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.02	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	3.59	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	4.45	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.13	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.83	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	3.13	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	4.36	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.26	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.02	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	4.15	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	5.05	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.46	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.03	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	3.58	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	4.44	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.27	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.86	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	3.38	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	4.34	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.48	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.02	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	3.96	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	5.09	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.18	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.92	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	3.40	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	4.53	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.06	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.80	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	3.32	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	4.18	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.31	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.93	13	PASS





Test Graphs



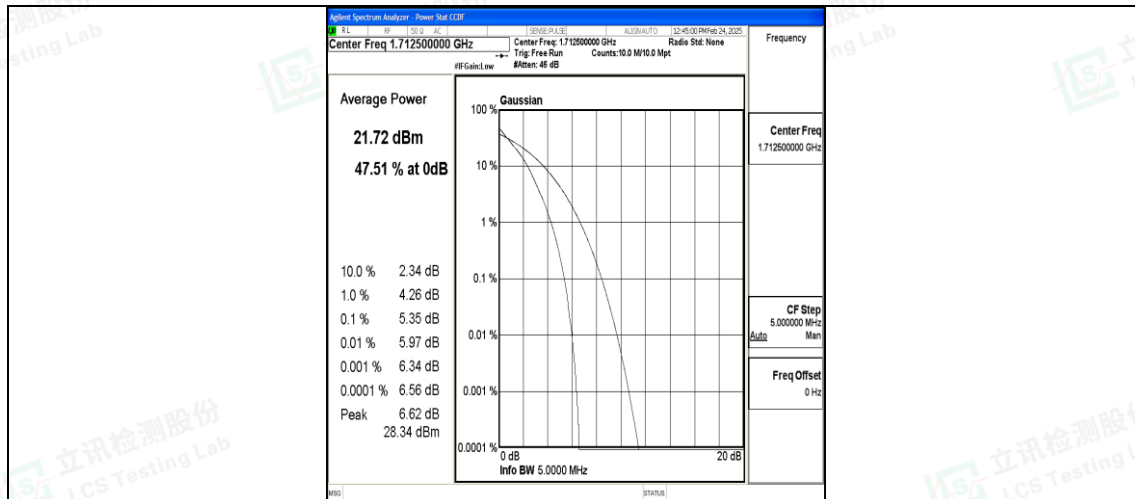




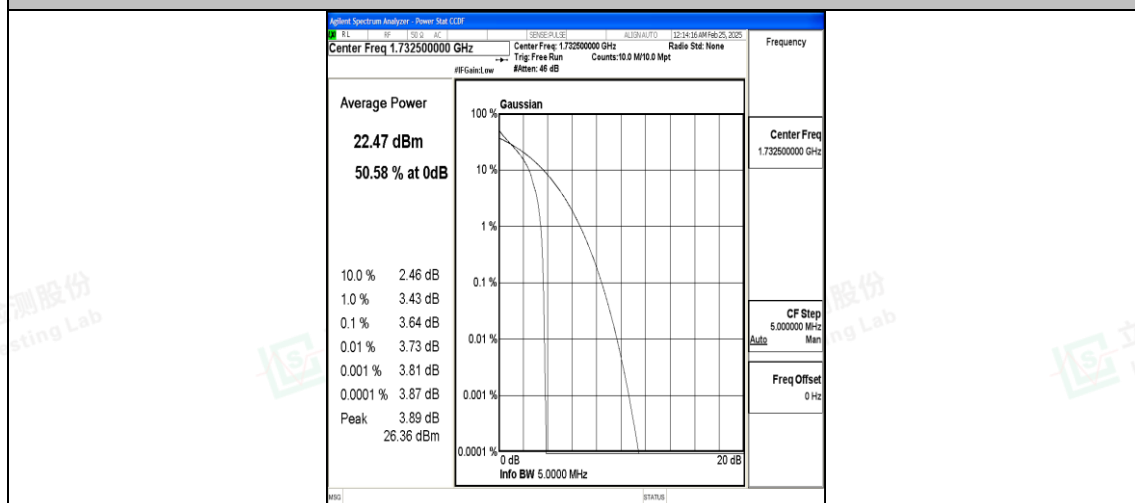




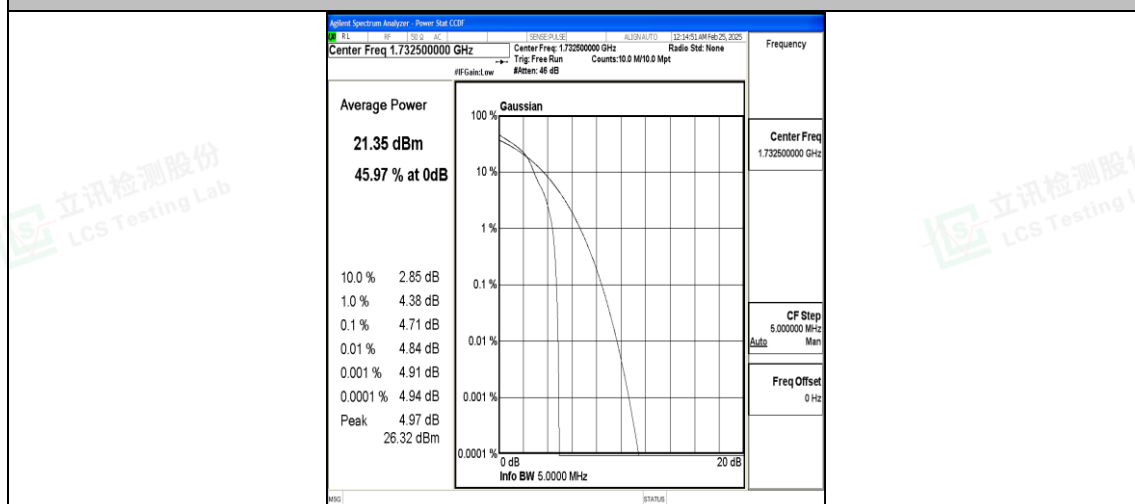




Band4-5MHz-QPSK-19975-25RB#0-PASS



Band4-3MHz-QPSK-20175-1RB#0-PASS



Band4-3MHz-16QAM-20175-1RB#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













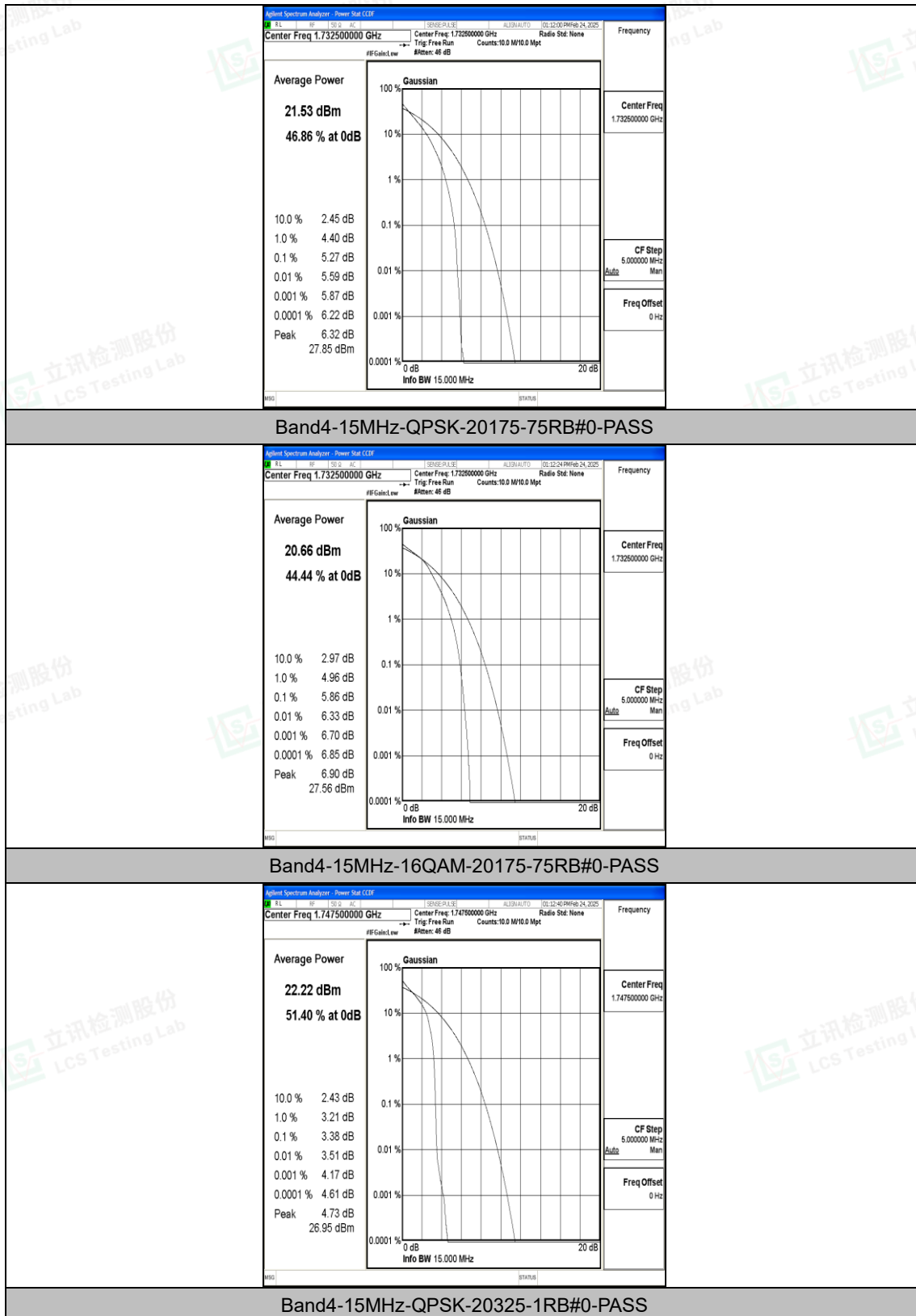




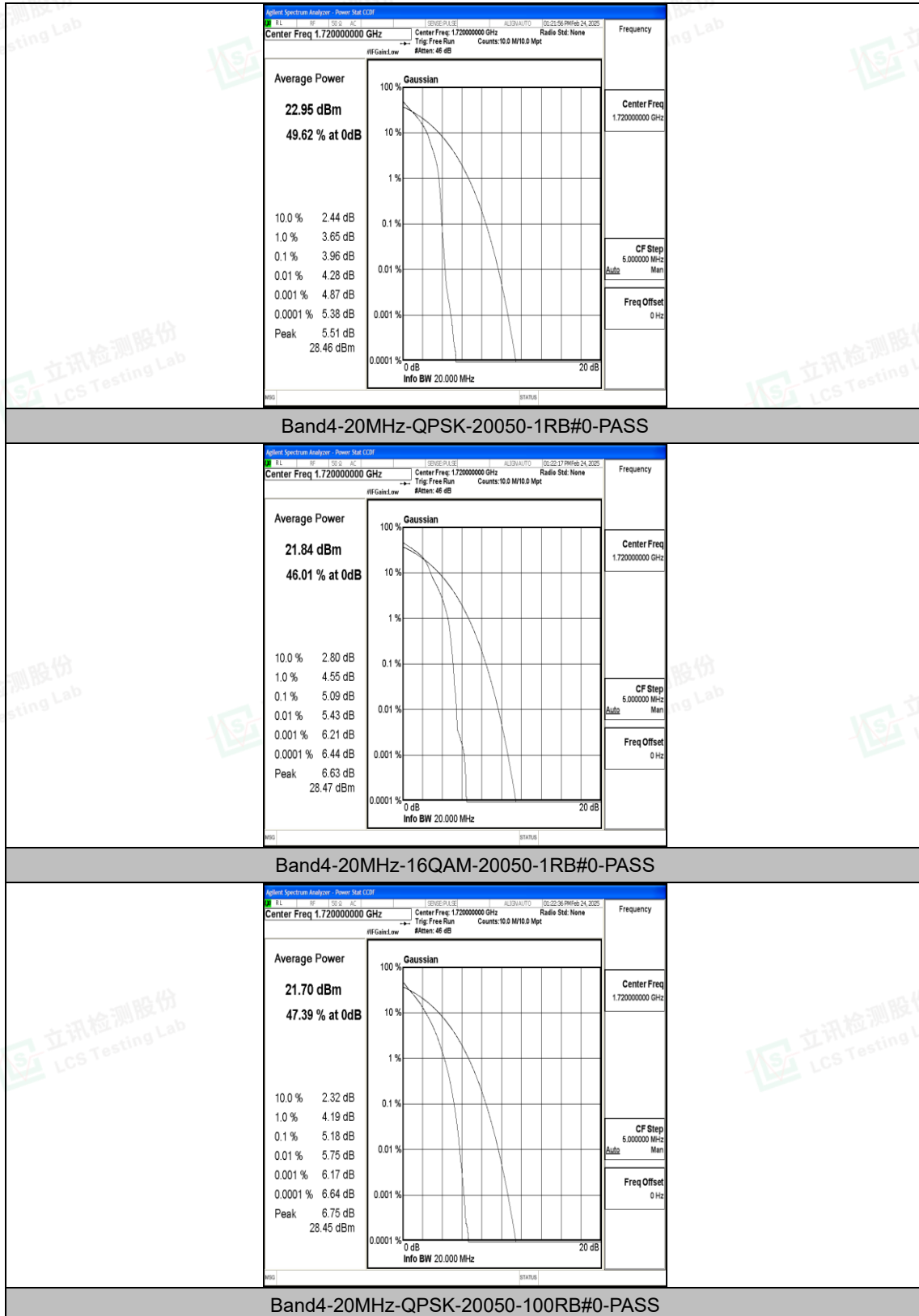




















C.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0994	1.243	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0901	1.240	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.1008	1.247	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0925	1.243	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0908	1.244	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1006	1.251	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7376	3.080	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7449	3.086	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7682	3.096	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7604	3.084	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7551	3.111	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7361	3.078	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5102	4.981	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5098	4.955	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5156	4.967	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5052	4.964	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5006	4.993	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9936	9.931	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0055	9.934	PASS
Band4	10MHz	16QAM	20175	50RB#0	9.0030	9.905	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0146	9.927	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0220	9.935	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.486	14.92	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.506	14.97	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.499	14.91	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.509	14.85	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.505	15.02	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.554	15.03	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.996	19.64	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.969	19.71	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.026	19.77	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.026	19.71	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



Band4	20MHz	QPSK	20300	100RB#0	18.066	19.85	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.073	19.78	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4994	4.965	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9960	9.944	PASS



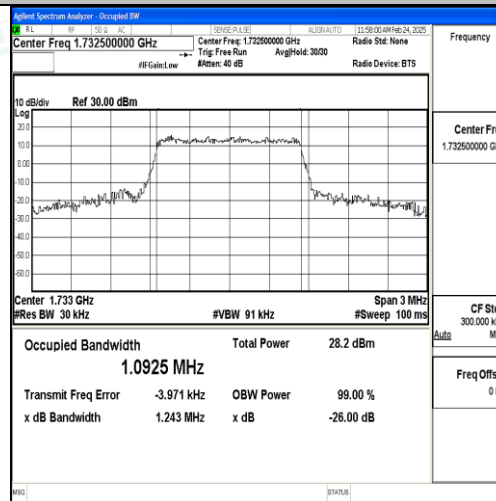
Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



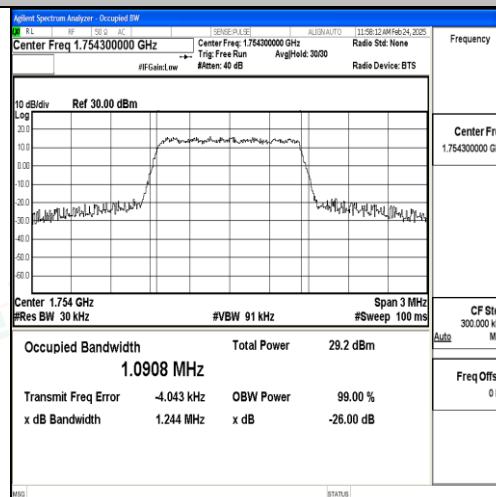
Test Graphs



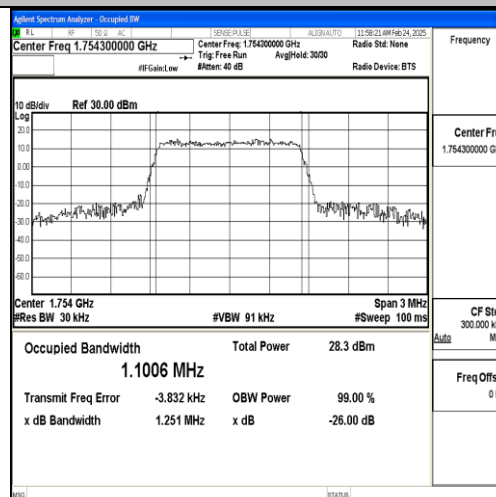
Band4-1.4MHz-QPSK-20175-6RB#0-PASS



Band4-1.4MHz-16QAM-20175-6RB#0-PASS



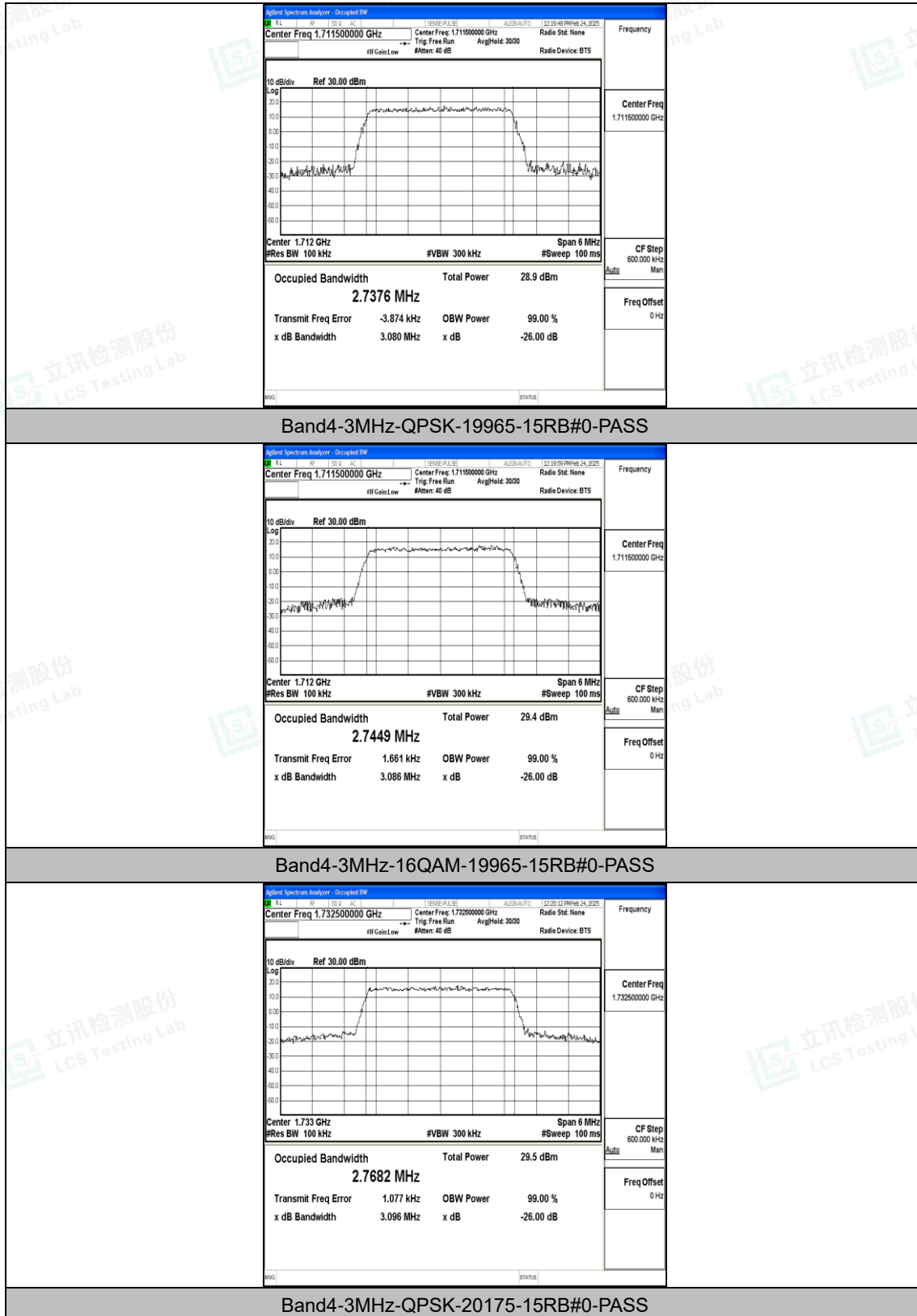
Band4-1.4MHz-QPSK-20393-6RB#0-PASS



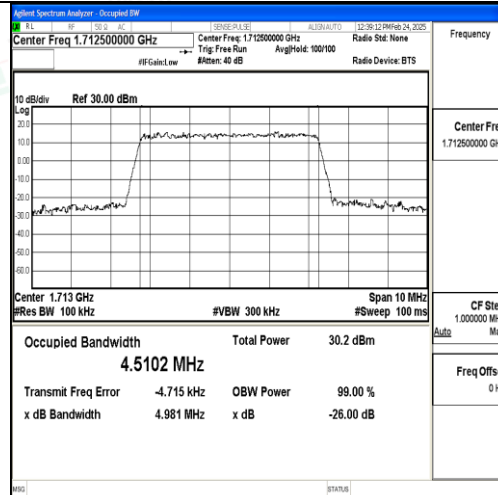
Band4-1.4MHz-16QAM-20393-6RB#0-PASS



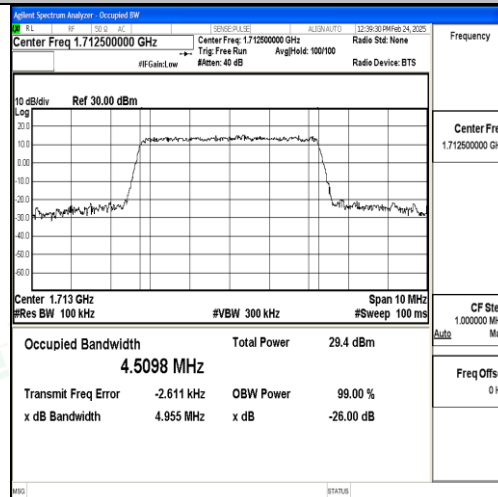
Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen,
518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



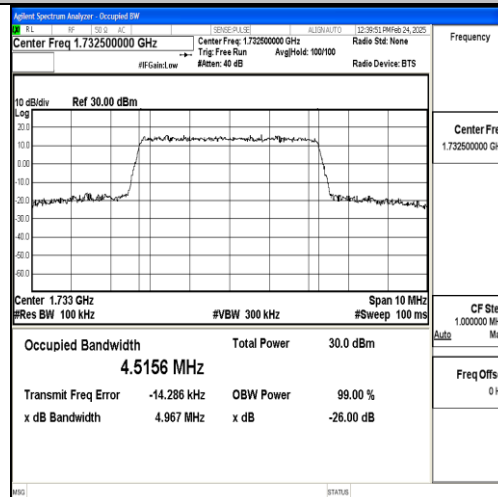




Band4-5MHz-QPSK-19975-25RB#0-PASS

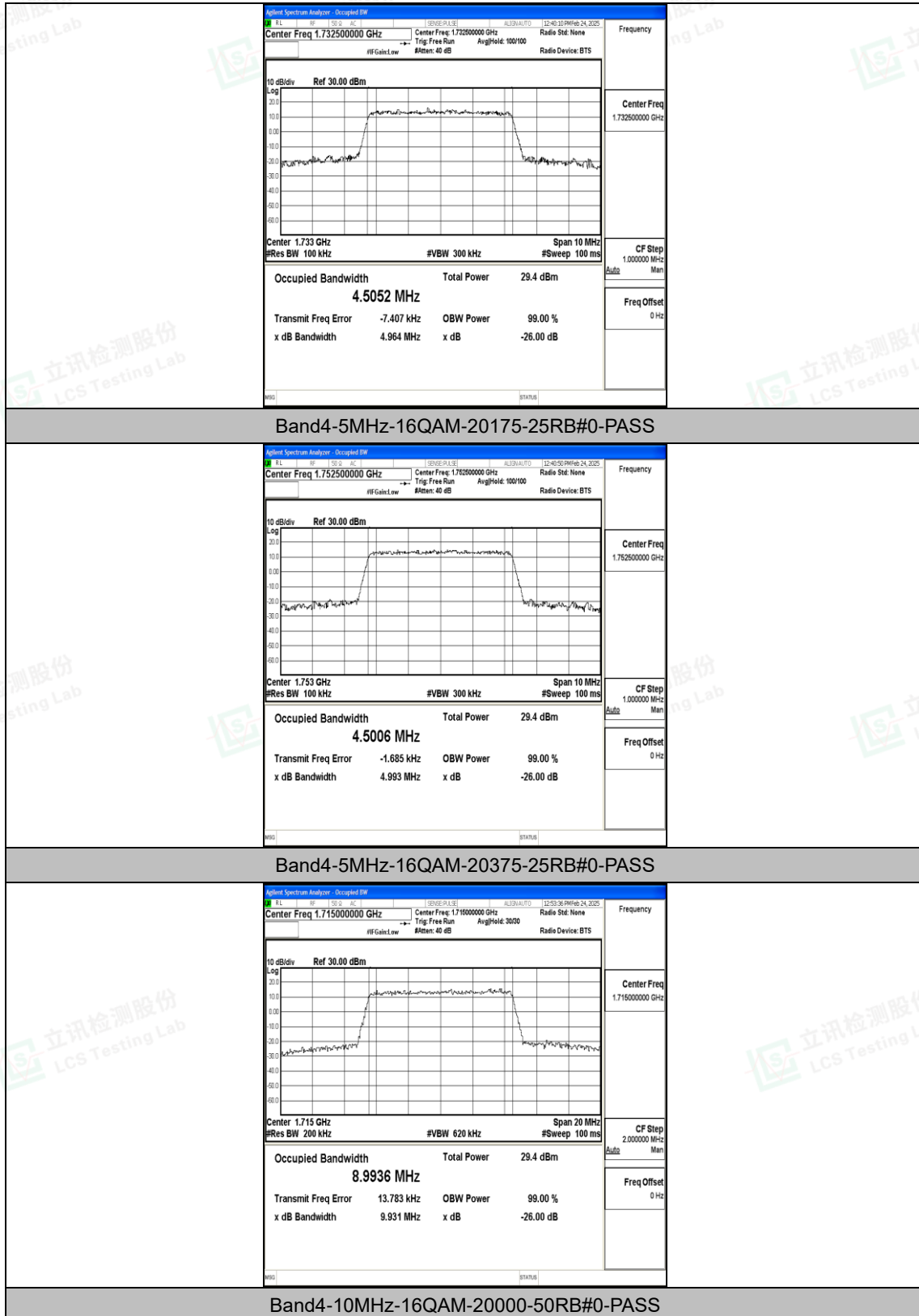


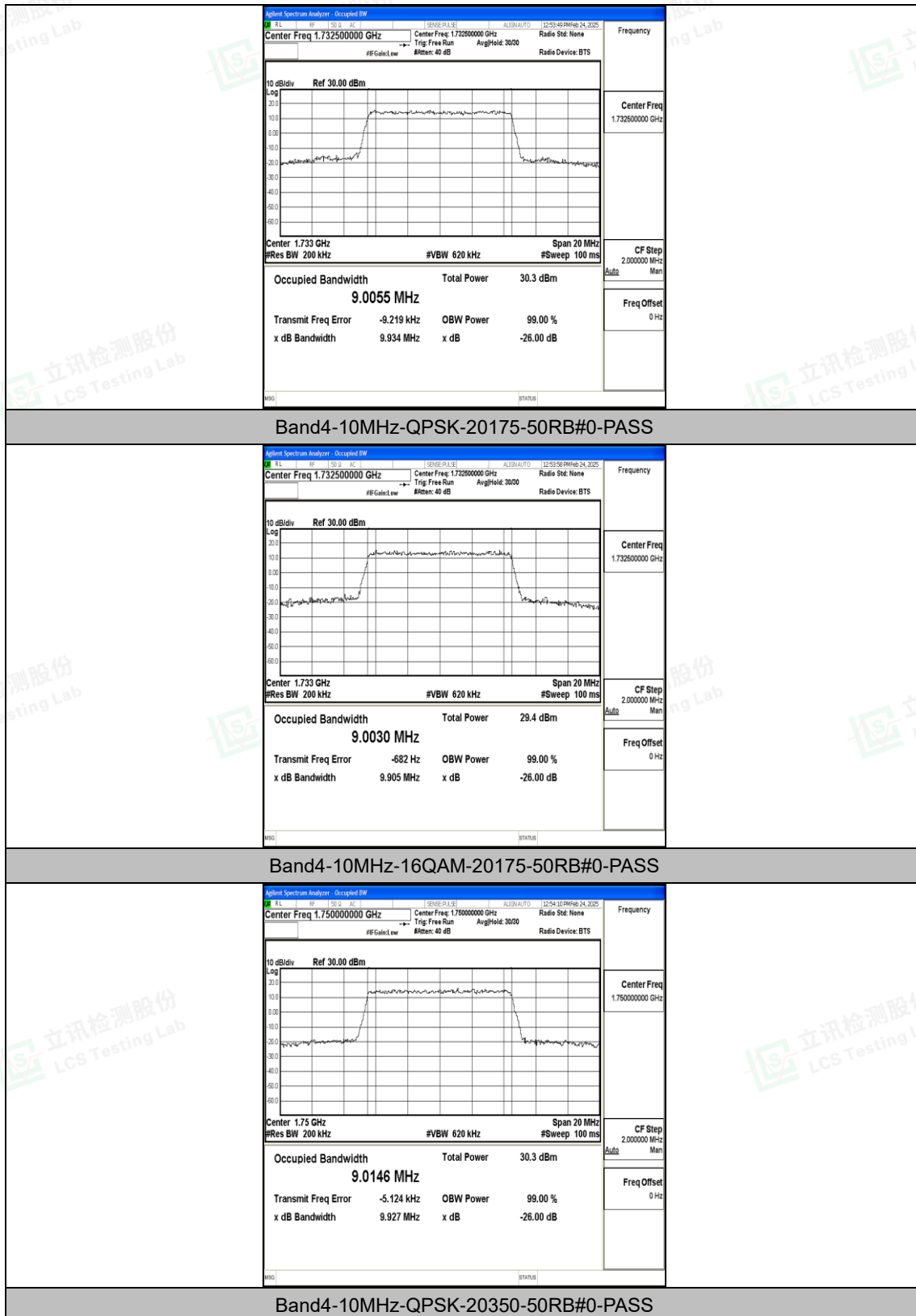
Band4-5MHz-16QAM-19975-25RB#0-PASS

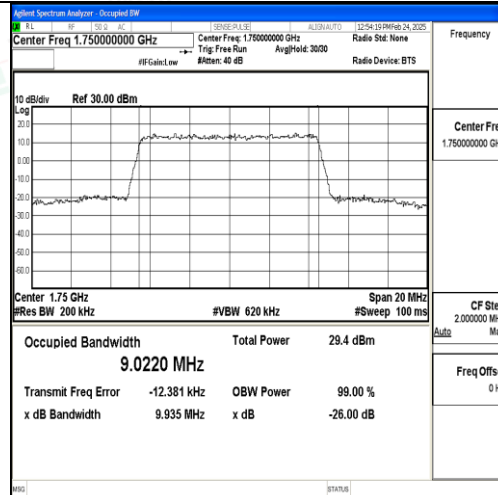


Band4-5MHz-QPSK-20175-25RB#0-PASS

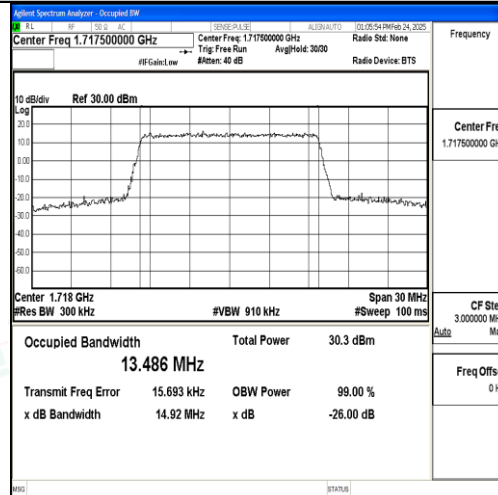




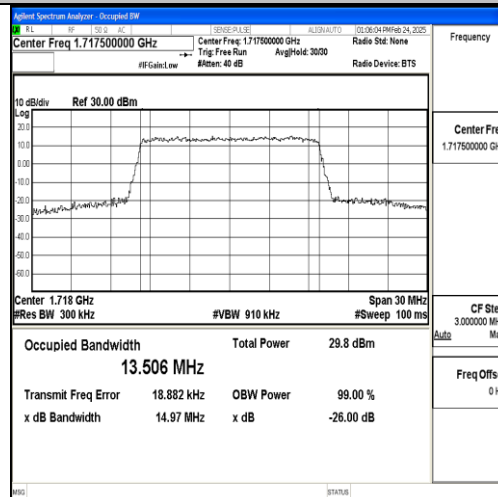




Band4-10MHz-16QAM-20350-50RB#0-PASS



Band4-15MHz-QPSK-20025-75RB#0-PASS



Band4-15MHz-16QAM-20025-75RB#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

