



Appendix B: Test Data for E-UTRA Band 4

Product Name: VEHICLE GPS TRACKER

Test Model: T399L

Environmental Conditions

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





B.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	19.81	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	19.22	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	19.85	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	19.15	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	19.86	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	18.37	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	19.75	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	19.09	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	19.89	PASS
Band4	1.4MHz	64QAM	19957	3RB#1	19.03	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	19.68	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	18.95	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	18.98	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	18.09	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	20.61	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	20.54	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	20.66	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	20.56	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	20.66	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	20.84	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	20.52	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	19.64	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	20.59	PASS
Band4	1.4MHz	64QAM	20175	3RB#1	19.63	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	20.44	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	19.66	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	19.85	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	19.14	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	20.61	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	20.47	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	20.53	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	20.42	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	20.59	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	20.72	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	20.61	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	19.90	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	1.4MHz	QPSK	20393	3RB#1	20.62	PASS
Band4	1.4MHz	64QAM	20393	3RB#1	19.90	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	20.55	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	19.90	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	19.72	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	18.97	PASS
Band4	3MHz	QPSK	19965	1RB#0	21.85	PASS
Band4	3MHz	64QAM	19965	1RB#0	21.26	PASS
Band4	3MHz	QPSK	19965	1RB#8	21.87	PASS
Band4	3MHz	64QAM	19965	1RB#8	21.19	PASS
Band4	3MHz	QPSK	19965	1RB#14	21.77	PASS
Band4	3MHz	64QAM	19965	1RB#14	21.17	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.19	PASS
Band4	3MHz	64QAM	19965	8RB#0	20.64	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.21	PASS
Band4	3MHz	64QAM	19965	8RB#4	20.64	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.19	PASS
Band4	3MHz	64QAM	19965	8RB#7	20.63	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.12	PASS
Band4	3MHz	64QAM	19965	15RB#0	20.48	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.39	PASS
Band4	3MHz	64QAM	20175	1RB#0	21.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.38	PASS
Band4	3MHz	64QAM	20175	1RB#8	20.99	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.34	PASS
Band4	3MHz	64QAM	20175	1RB#14	21.70	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.59	PASS
Band4	3MHz	64QAM	20175	8RB#0	21.06	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.63	PASS
Band4	3MHz	64QAM	20175	8RB#4	21.03	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.63	PASS
Band4	3MHz	64QAM	20175	8RB#7	21.14	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.54	PASS
Band4	3MHz	64QAM	20175	15RB#0	20.73	PASS
Band4	3MHz	QPSK	20385	1RB#0	21.91	PASS
Band4	3MHz	64QAM	20385	1RB#0	21.35	PASS
Band4	3MHz	QPSK	20385	1RB#8	21.90	PASS
Band4	3MHz	64QAM	20385	1RB#8	21.32	PASS
Band4	3MHz	QPSK	20385	1RB#14	21.88	PASS
Band4	3MHz	64QAM	20385	1RB#14	21.34	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.16	PASS
Band4	3MHz	64QAM	20385	8RB#0	20.52	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	8RB#4	21.19	PASS
Band4	3MHz	64QAM	20385	8RB#4	20.53	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.16	PASS
Band4	3MHz	64QAM	20385	8RB#7	20.47	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.13	PASS
Band4	3MHz	64QAM	20385	15RB#0	20.59	PASS
Band4	5MHz	QPSK	19975	1RB#0	21.94	PASS
Band4	5MHz	64QAM	19975	1RB#0	20.75	PASS
Band4	5MHz	QPSK	19975	1RB#12	21.90	PASS
Band4	5MHz	64QAM	19975	1RB#12	20.69	PASS
Band4	5MHz	QPSK	19975	1RB#24	21.91	PASS
Band4	5MHz	64QAM	19975	1RB#24	20.68	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.20	PASS
Band4	5MHz	64QAM	19975	12RB#0	20.50	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.22	PASS
Band4	5MHz	64QAM	19975	12RB#6	20.48	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.16	PASS
Band4	5MHz	64QAM	19975	12RB#13	20.45	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.22	PASS
Band4	5MHz	64QAM	19975	25RB#0	20.55	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.12	PASS
Band4	5MHz	64QAM	20175	1RB#0	21.95	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.21	PASS
Band4	5MHz	64QAM	20175	1RB#12	21.98	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.31	PASS
Band4	5MHz	64QAM	20175	1RB#24	21.70	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.60	PASS
Band4	5MHz	64QAM	20175	12RB#0	20.98	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.62	PASS
Band4	5MHz	64QAM	20175	12RB#6	20.98	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.66	PASS
Band4	5MHz	64QAM	20175	12RB#13	20.91	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.70	PASS
Band4	5MHz	64QAM	20175	25RB#0	20.83	PASS
Band4	5MHz	QPSK	20375	1RB#0	21.98	PASS
Band4	5MHz	64QAM	20375	1RB#0	20.97	PASS
Band4	5MHz	QPSK	20375	1RB#12	21.94	PASS
Band4	5MHz	64QAM	20375	1RB#12	20.91	PASS
Band4	5MHz	QPSK	20375	1RB#24	21.93	PASS
Band4	5MHz	64QAM	20375	1RB#24	20.91	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.21	PASS
Band4	5MHz	64QAM	20375	12RB#0	20.39	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	12RB#6	21.22	PASS
Band4	5MHz	64QAM	20375	12RB#6	20.40	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.19	PASS
Band4	5MHz	64QAM	20375	12RB#13	20.47	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.26	PASS
Band4	5MHz	64QAM	20375	25RB#0	20.48	PASS
Band4	10MHz	QPSK	20000	1RB#0	21.85	PASS
Band4	10MHz	64QAM	20000	1RB#0	21.23	PASS
Band4	10MHz	QPSK	20000	1RB#24	21.81	PASS
Band4	10MHz	64QAM	20000	1RB#24	21.21	PASS
Band4	10MHz	QPSK	20000	1RB#49	21.88	PASS
Band4	10MHz	64QAM	20000	1RB#49	21.32	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.14	PASS
Band4	10MHz	64QAM	20000	25RB#0	20.38	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.07	PASS
Band4	10MHz	64QAM	20000	25RB#12	20.39	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.17	PASS
Band4	10MHz	64QAM	20000	25RB#25	20.37	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.13	PASS
Band4	10MHz	64QAM	20000	50RB#0	20.47	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.37	PASS
Band4	10MHz	64QAM	20175	1RB#0	21.68	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.39	PASS
Band4	10MHz	64QAM	20175	1RB#24	21.64	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.40	PASS
Band4	10MHz	64QAM	20175	1RB#49	21.59	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.55	PASS
Band4	10MHz	64QAM	20175	25RB#0	20.98	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.64	PASS
Band4	10MHz	64QAM	20175	25RB#12	21.07	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.60	PASS
Band4	10MHz	64QAM	20175	25RB#25	21.10	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.62	PASS
Band4	10MHz	64QAM	20175	50RB#0	20.95	PASS
Band4	10MHz	QPSK	20350	1RB#0	21.95	PASS
Band4	10MHz	64QAM	20350	1RB#0	22.02	PASS
Band4	10MHz	QPSK	20350	1RB#24	21.78	PASS
Band4	10MHz	64QAM	20350	1RB#24	21.80	PASS
Band4	10MHz	QPSK	20350	1RB#49	21.76	PASS
Band4	10MHz	64QAM	20350	1RB#49	21.76	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.28	PASS
Band4	10MHz	64QAM	20350	25RB#0	20.60	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	25RB#12	21.29	PASS
Band4	10MHz	64QAM	20350	25RB#12	20.61	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.23	PASS
Band4	10MHz	64QAM	20350	25RB#25	20.51	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.29	PASS
Band4	10MHz	64QAM	20350	50RB#0	20.54	PASS
Band4	15MHz	QPSK	20025	1RB#0	21.88	PASS
Band4	15MHz	64QAM	20025	1RB#0	21.21	PASS
Band4	15MHz	QPSK	20025	1RB#38	21.83	PASS
Band4	15MHz	64QAM	20025	1RB#38	21.29	PASS
Band4	15MHz	QPSK	20025	1RB#74	21.99	PASS
Band4	15MHz	64QAM	20025	1RB#74	21.48	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.14	PASS
Band4	15MHz	64QAM	20025	38RB#0	21.19	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.22	PASS
Band4	15MHz	64QAM	20025	38RB#18	21.24	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.24	PASS
Band4	15MHz	64QAM	20025	38RB#37	21.23	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.23	PASS
Band4	15MHz	64QAM	20025	75RB#0	20.46	PASS
Band4	15MHz	QPSK	20175	1RB#0	21.80	PASS
Band4	15MHz	64QAM	20175	1RB#0	21.44	PASS
Band4	15MHz	QPSK	20175	1RB#38	21.89	PASS
Band4	15MHz	64QAM	20175	1RB#38	21.59	PASS
Band4	15MHz	QPSK	20175	1RB#74	21.82	PASS
Band4	15MHz	64QAM	20175	1RB#74	21.46	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.45	PASS
Band4	15MHz	64QAM	20175	38RB#0	21.56	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.55	PASS
Band4	15MHz	64QAM	20175	38RB#18	21.55	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.55	PASS
Band4	15MHz	64QAM	20175	38RB#37	21.54	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.54	PASS
Band4	15MHz	64QAM	20175	75RB#0	20.90	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.06	PASS
Band4	15MHz	64QAM	20325	1RB#0	21.97	PASS
Band4	15MHz	QPSK	20325	1RB#38	21.83	PASS
Band4	15MHz	64QAM	20325	1RB#38	21.59	PASS
Band4	15MHz	QPSK	20325	1RB#74	21.86	PASS
Band4	15MHz	64QAM	20325	1RB#74	21.36	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.34	PASS
Band4	15MHz	64QAM	20325	38RB#0	21.34	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	20325	38RB#18	21.35	PASS
Band4	15MHz	64QAM	20325	38RB#18	21.35	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.26	PASS
Band4	15MHz	64QAM	20325	38RB#37	21.26	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.26	PASS
Band4	15MHz	64QAM	20325	75RB#0	20.59	PASS
Band4	20MHz	QPSK	20050	1RB#0	21.83	PASS
Band4	20MHz	64QAM	20050	1RB#0	21.11	PASS
Band4	20MHz	QPSK	20050	1RB#49	21.88	PASS
Band4	20MHz	64QAM	20050	1RB#49	21.09	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.59	PASS
Band4	20MHz	64QAM	20050	1RB#99	21.59	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.18	PASS
Band4	20MHz	64QAM	20050	50RB#0	20.57	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.11	PASS
Band4	20MHz	64QAM	20050	50RB#25	20.57	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.37	PASS
Band4	20MHz	64QAM	20050	50RB#50	20.71	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.27	PASS
Band4	20MHz	64QAM	20050	100RB#0	20.65	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.20	PASS
Band4	20MHz	64QAM	20175	1RB#0	22.15	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.35	PASS
Band4	20MHz	64QAM	20175	1RB#49	22.27	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.18	PASS
Band4	20MHz	64QAM	20175	1RB#99	22.10	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.49	PASS
Band4	20MHz	64QAM	20175	50RB#0	20.92	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.48	PASS
Band4	20MHz	64QAM	20175	50RB#25	20.91	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.52	PASS
Band4	20MHz	64QAM	20175	50RB#50	20.87	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.54	PASS
Band4	20MHz	64QAM	20175	100RB#0	20.99	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.48	PASS
Band4	20MHz	64QAM	20300	1RB#0	21.30	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.22	PASS
Band4	20MHz	64QAM	20300	1RB#49	20.98	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.06	PASS
Band4	20MHz	64QAM	20300	1RB#99	20.77	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.46	PASS
Band4	20MHz	64QAM	20300	50RB#0	20.77	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	50RB#25	21.44	PASS
Band4	20MHz	64QAM	20300	50RB#25	20.87	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.21	PASS
Band4	20MHz	64QAM	20300	50RB#50	20.52	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.31	PASS
Band4	20MHz	64QAM	20300	100RB#0	20.64	PASS





B.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	3.53	13	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	4.14	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	4.30	13	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	4.87	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3.77	13	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	4.31	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.63	13	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	5.25	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3.36	13	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	3.67	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.23	13	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	4.86	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	3.53	13	PASS
Band4	3MHz	64QAM	19965	1RB#0	4.20	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.31	13	PASS
Band4	3MHz	64QAM	19965	15RB#0	4.93	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	3.86	13	PASS
Band4	3MHz	64QAM	20175	1RB#0	4.60	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.64	13	PASS
Band4	3MHz	64QAM	20175	15RB#0	5.32	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	3.38	13	PASS
Band4	3MHz	64QAM	20385	1RB#0	4.08	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.20	13	PASS
Band4	3MHz	64QAM	20385	15RB#0	4.82	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	3.62	13	PASS
Band4	5MHz	64QAM	19975	1RB#0	4.30	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.88	13	PASS
Band4	5MHz	64QAM	19975	25RB#0	5.37	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	4.03	13	PASS
Band4	5MHz	64QAM	20175	1RB#0	4.84	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.03	13	PASS
Band4	5MHz	64QAM	20175	25RB#0	5.62	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	3.33	13	PASS
Band4	5MHz	64QAM	20375	1RB#0	4.24	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.71	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

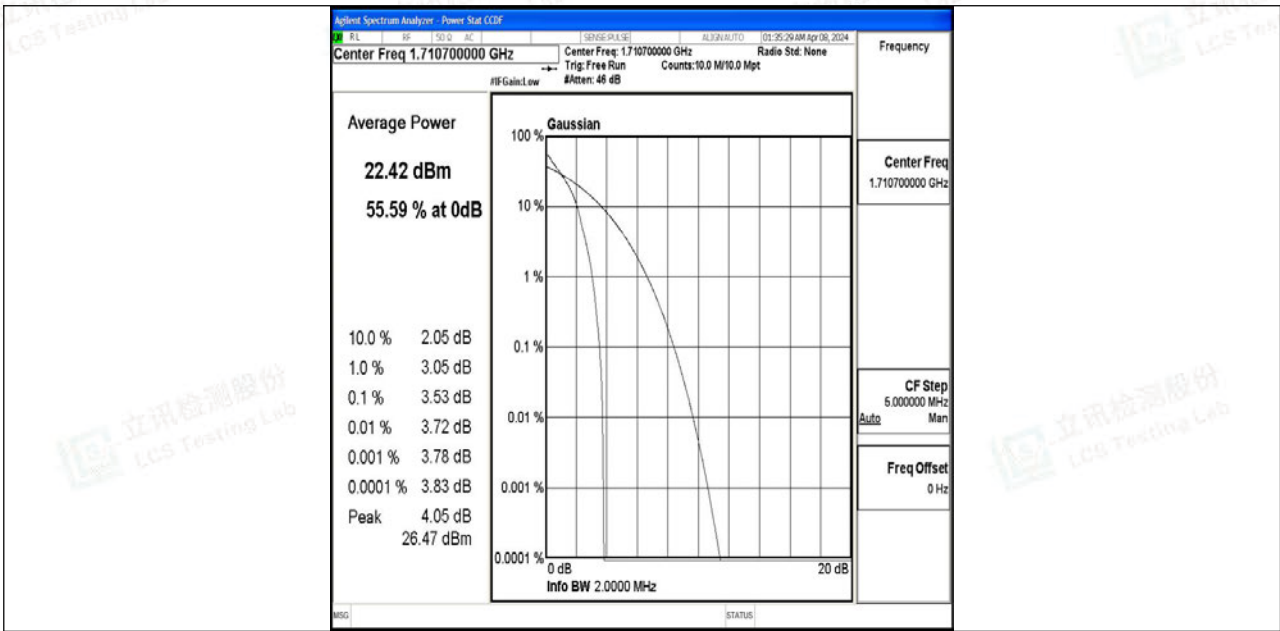


Band4	5MHz	64QAM	20375	25RB#0	5.26	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	3.56	13	PASS
Band4	10MHz	64QAM	20000	1RB#0	4.18	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.95	13	PASS
Band4	10MHz	64QAM	20000	50RB#0	5.57	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	4.12	13	PASS
Band4	10MHz	64QAM	20175	1RB#0	4.72	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.05	13	PASS
Band4	10MHz	64QAM	20175	50RB#0	5.68	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	3.04	13	PASS
Band4	10MHz	64QAM	20350	1RB#0	3.86	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.70	13	PASS
Band4	10MHz	64QAM	20350	50RB#0	5.30	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	3.52	13	PASS
Band4	15MHz	64QAM	20025	1RB#0	4.17	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.26	13	PASS
Band4	15MHz	64QAM	20025	75RB#0	5.73	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	4.15	13	PASS
Band4	15MHz	64QAM	20175	1RB#0	4.76	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.32	13	PASS
Band4	15MHz	64QAM	20175	75RB#0	5.78	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	3.42	13	PASS
Band4	15MHz	64QAM	20325	1RB#0	4.03	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	4.95	13	PASS
Band4	15MHz	64QAM	20325	75RB#0	5.41	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	3.20	13	PASS
Band4	20MHz	64QAM	20050	1RB#0	4.00	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.03	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	5.67	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	3.99	13	PASS
Band4	20MHz	64QAM	20175	1RB#0	4.75	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.99	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	5.64	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	3.42	13	PASS
Band4	20MHz	64QAM	20300	1RB#0	3.82	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.71	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	5.30	13	PASS

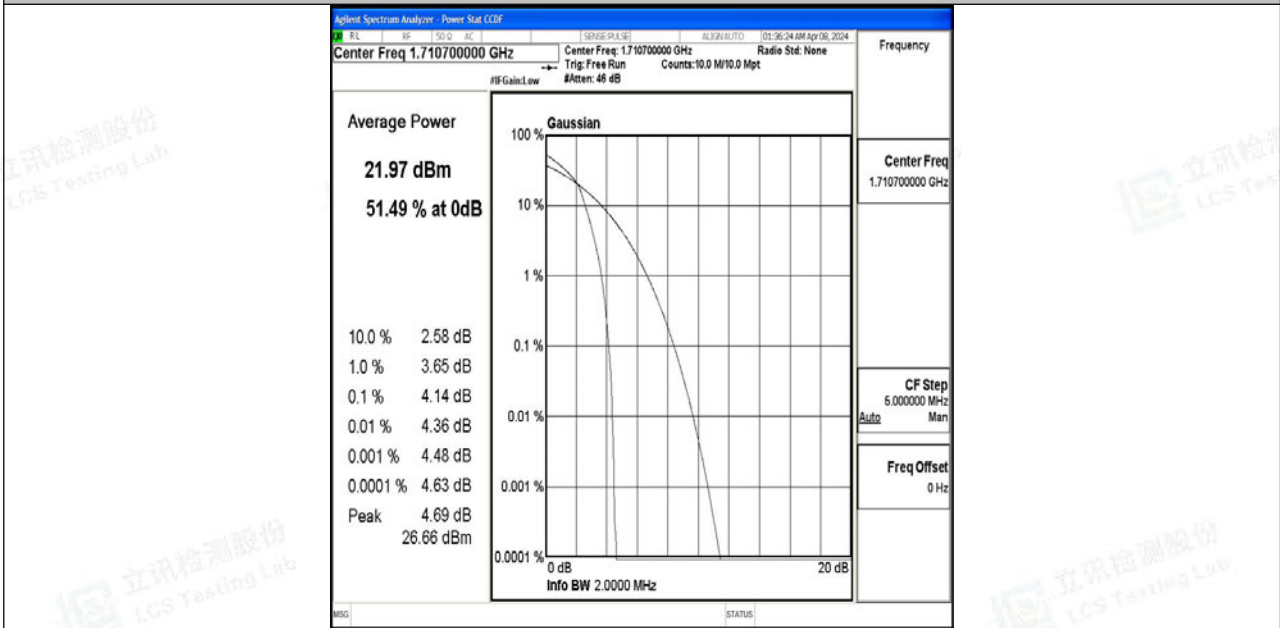




Test Graphs

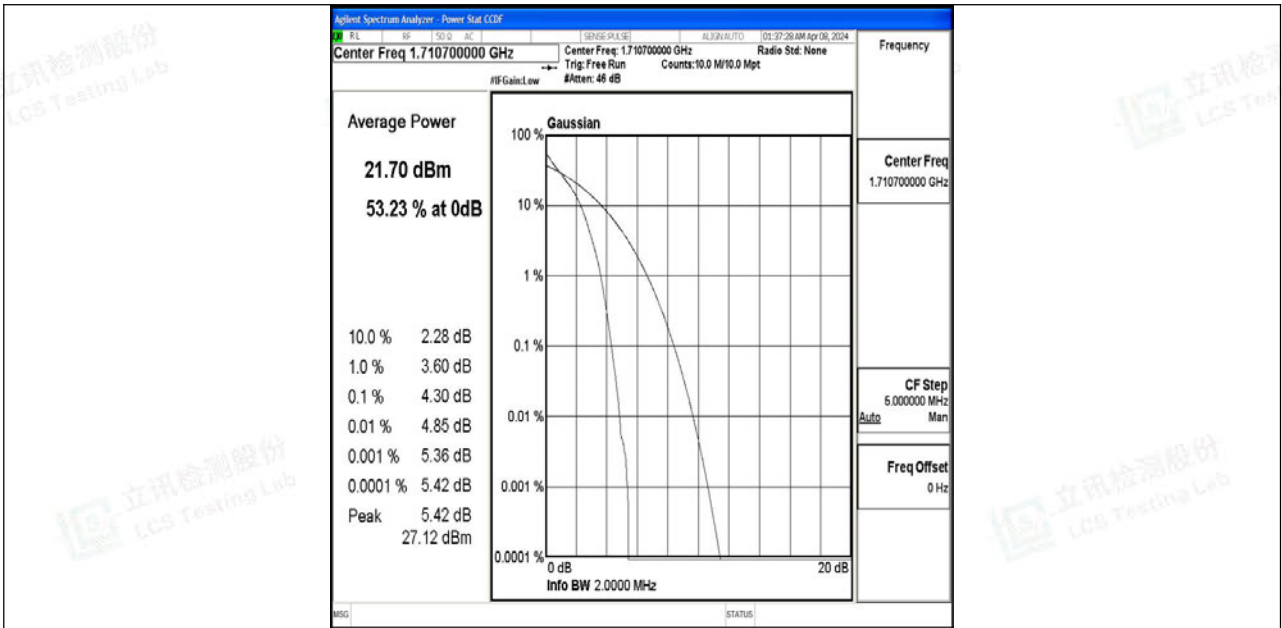


Band4-1.4MHz-QPSK-19957-1RB#0-PASS

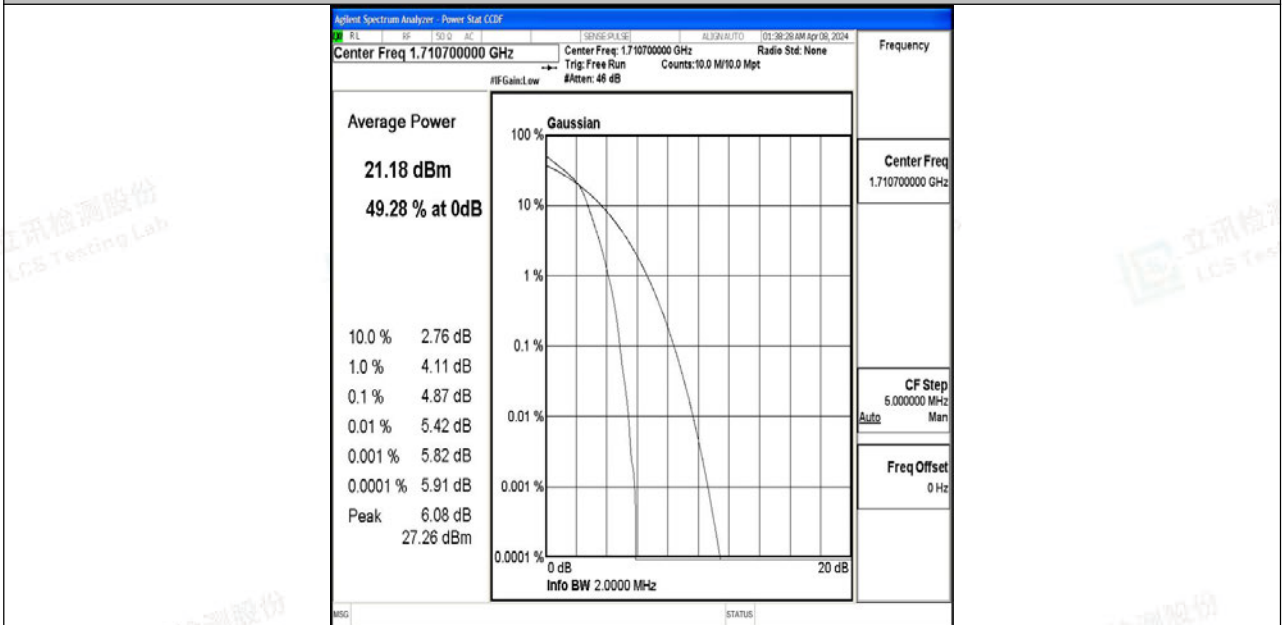


Band4-1.4MHz-64QAM-19957-1RB#0-PASS



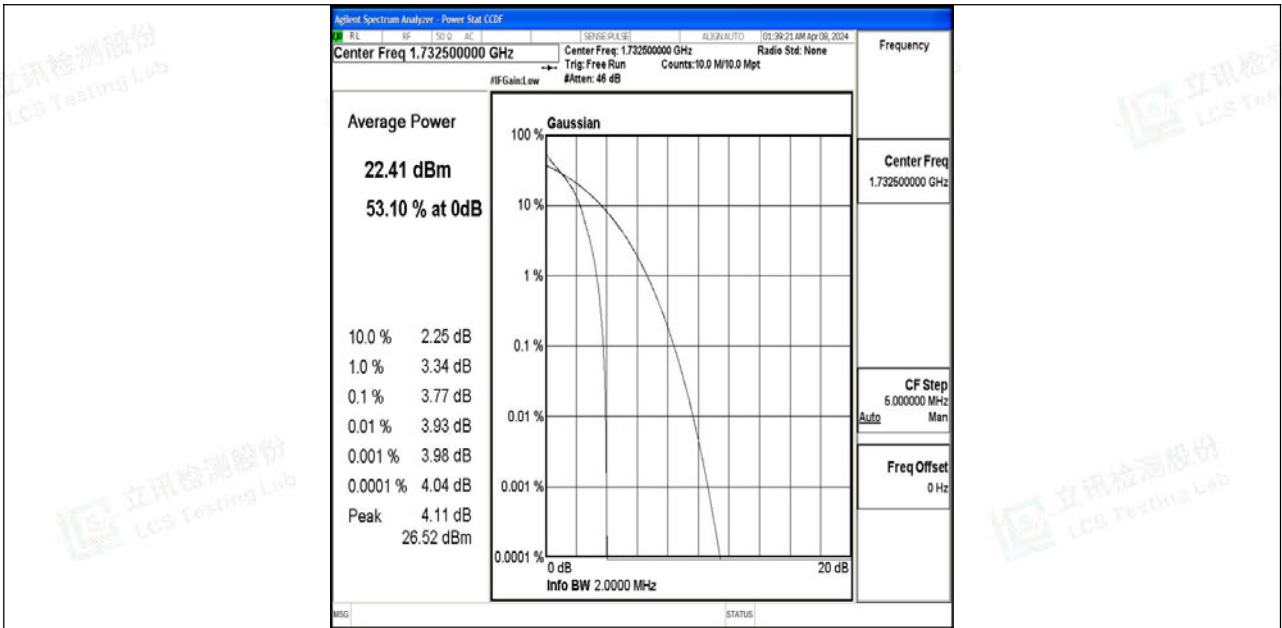


Band4-1.4MHz-QPSK-19957-6RB#0-PASS

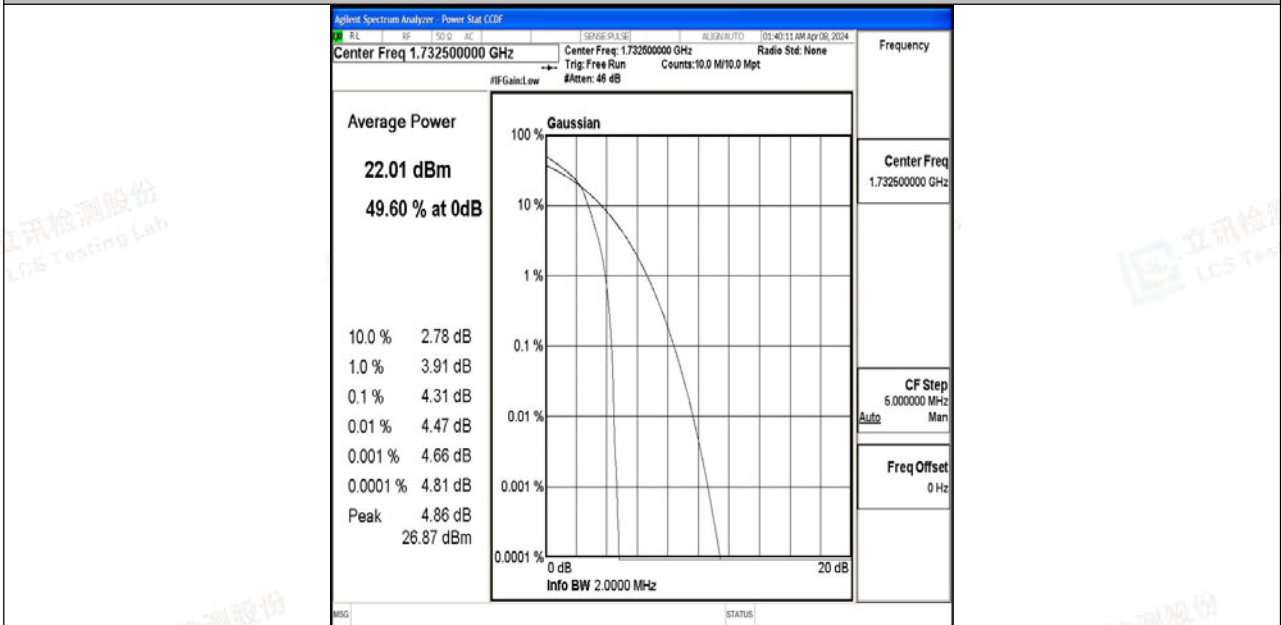


Band4-1.4MHz-64QAM-19957-6RB#0-PASS





Band4-1.4MHz-QPSK-20175-1RB#0-PASS



Band4-1.4MHz-64QAM-20175-1RB#0-PASS

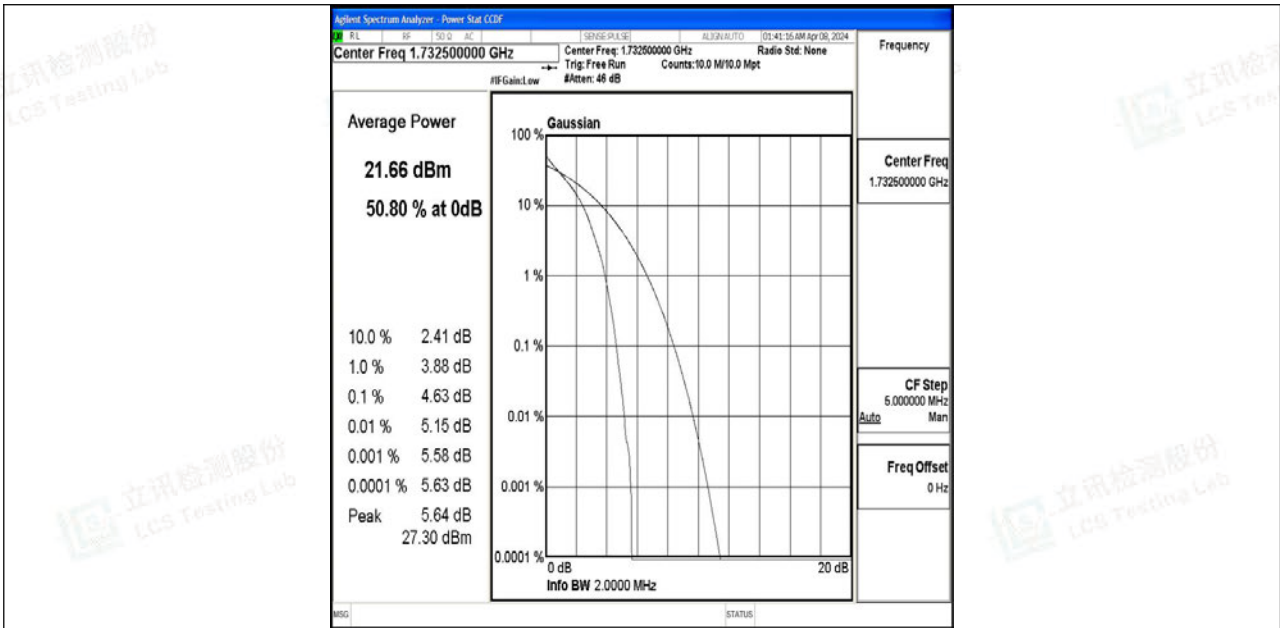


Shenzhen LCS Compliance Testing Laboratory Ltd.

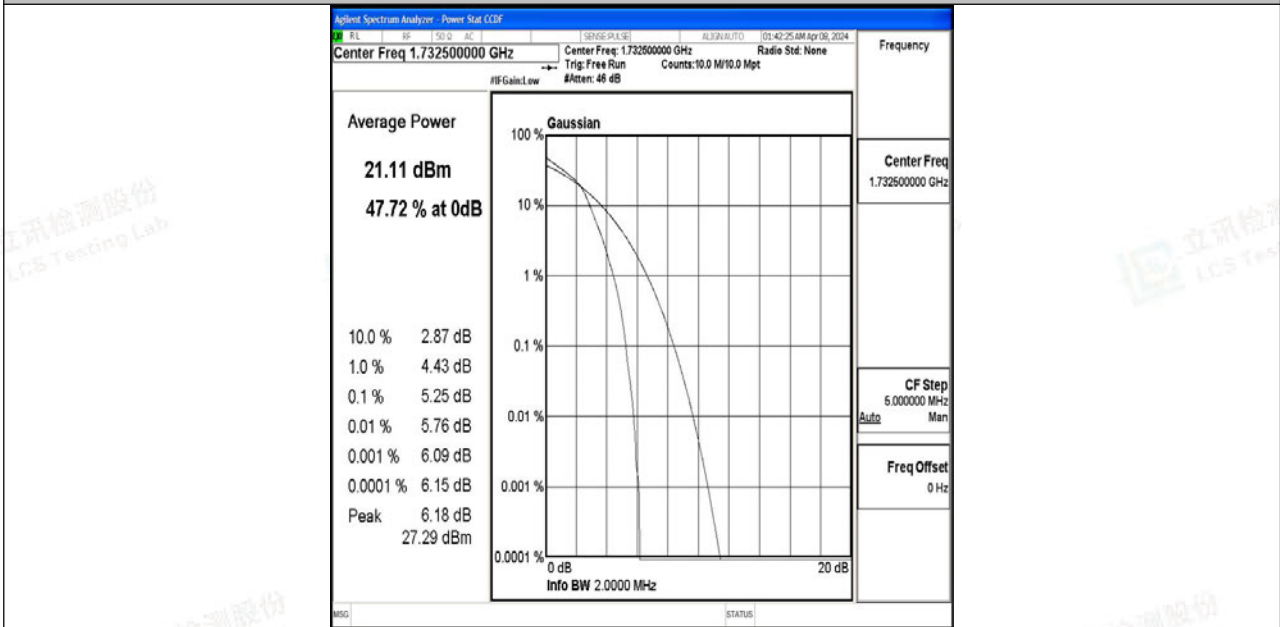
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



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



Band4-1.4MHz-64QAM-20175-6RB#0-PASS

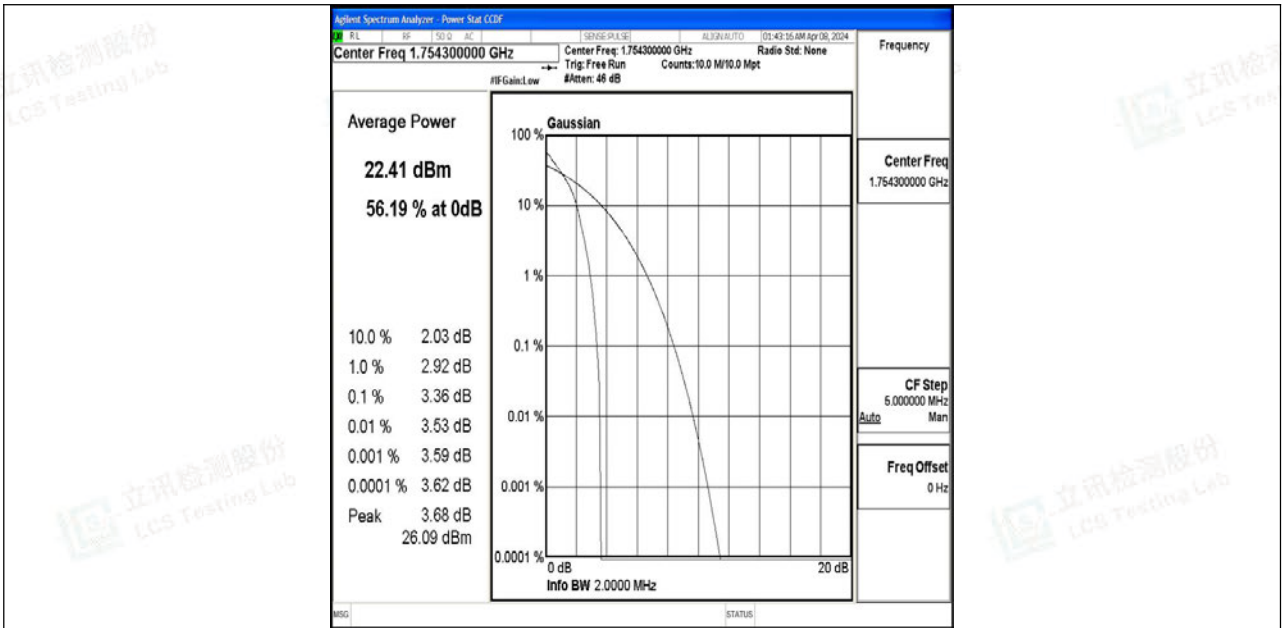


Shenzhen LCS Compliance Testing Laboratory Ltd.

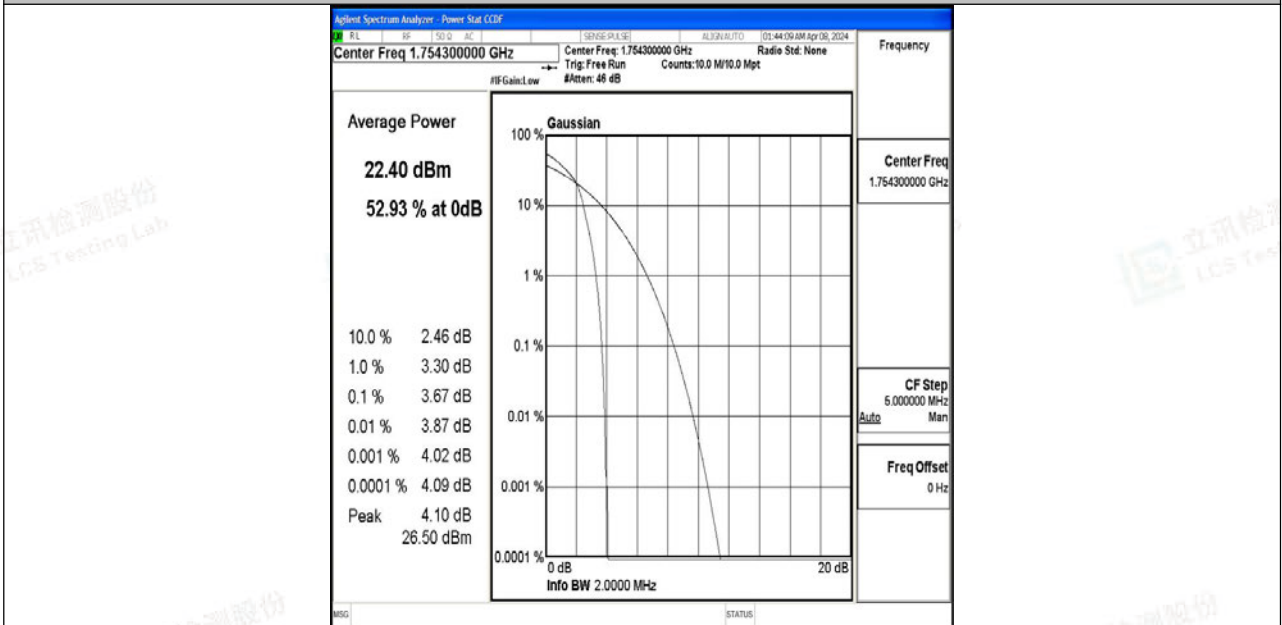
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



Band4-1.4MHz-QPSK-20393-1RB#0-PASS



Band4-1.4MHz-64QAM-20393-1RB#0-PASS

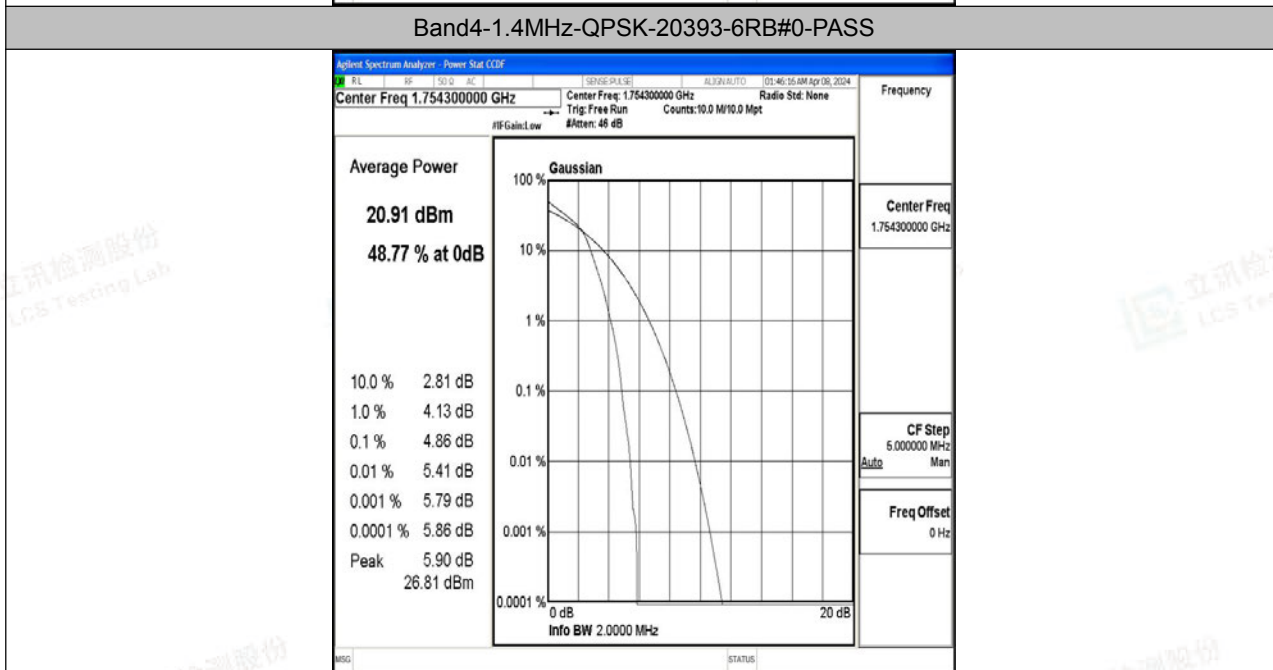
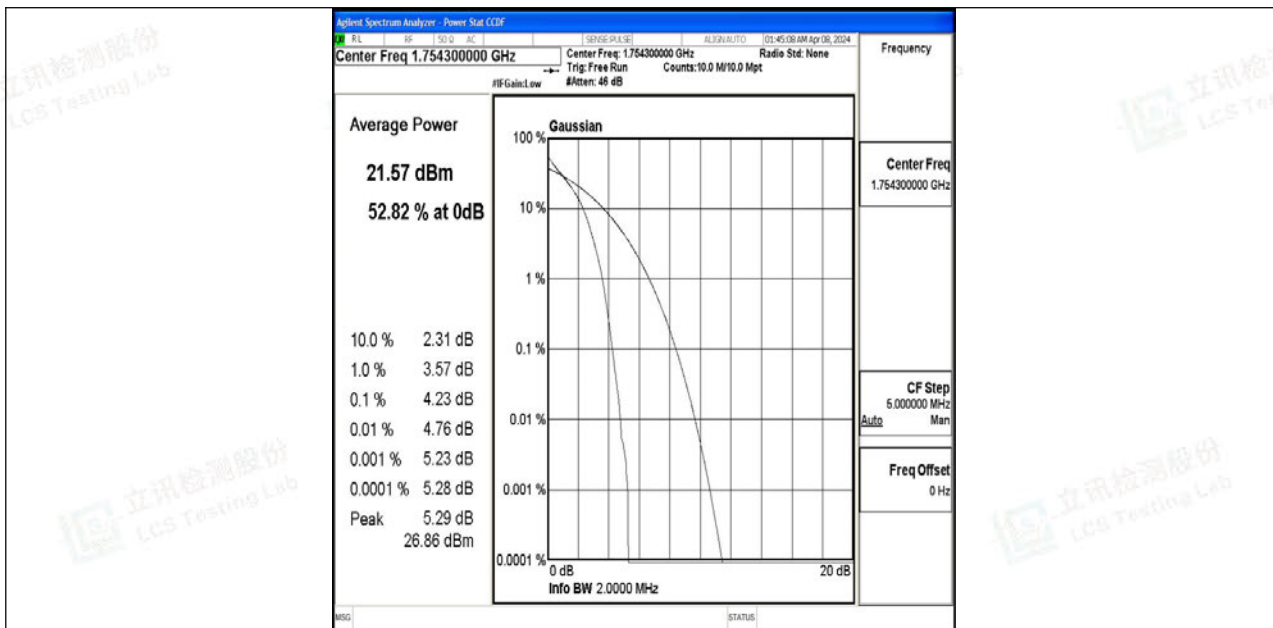


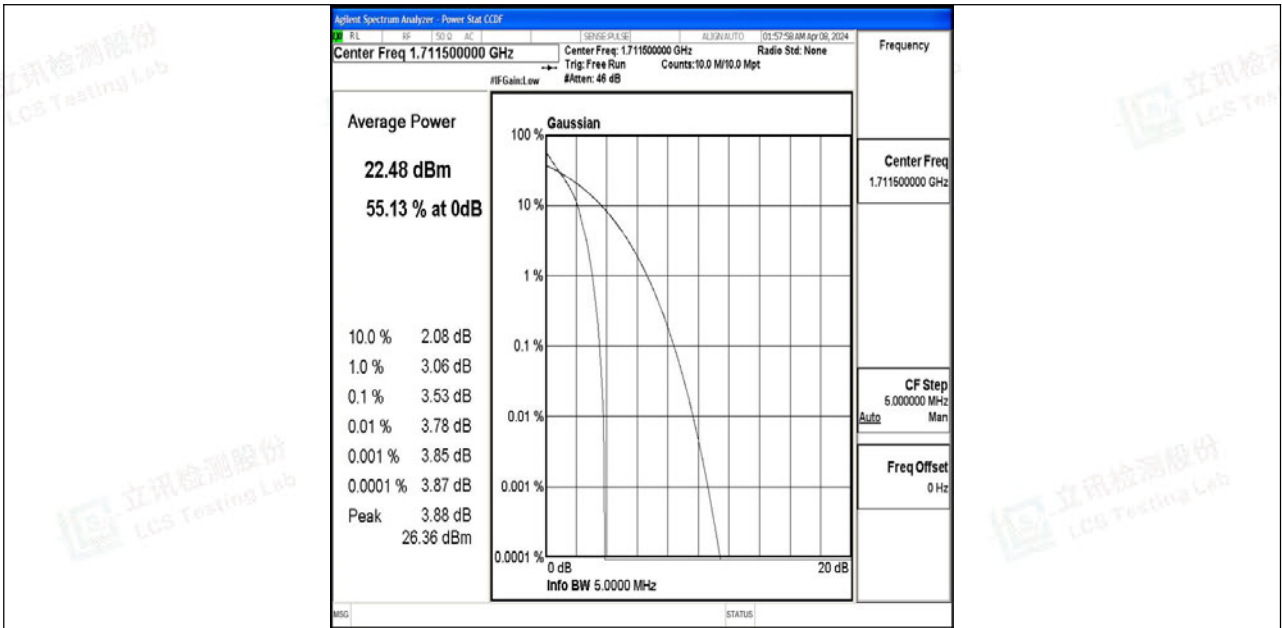
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

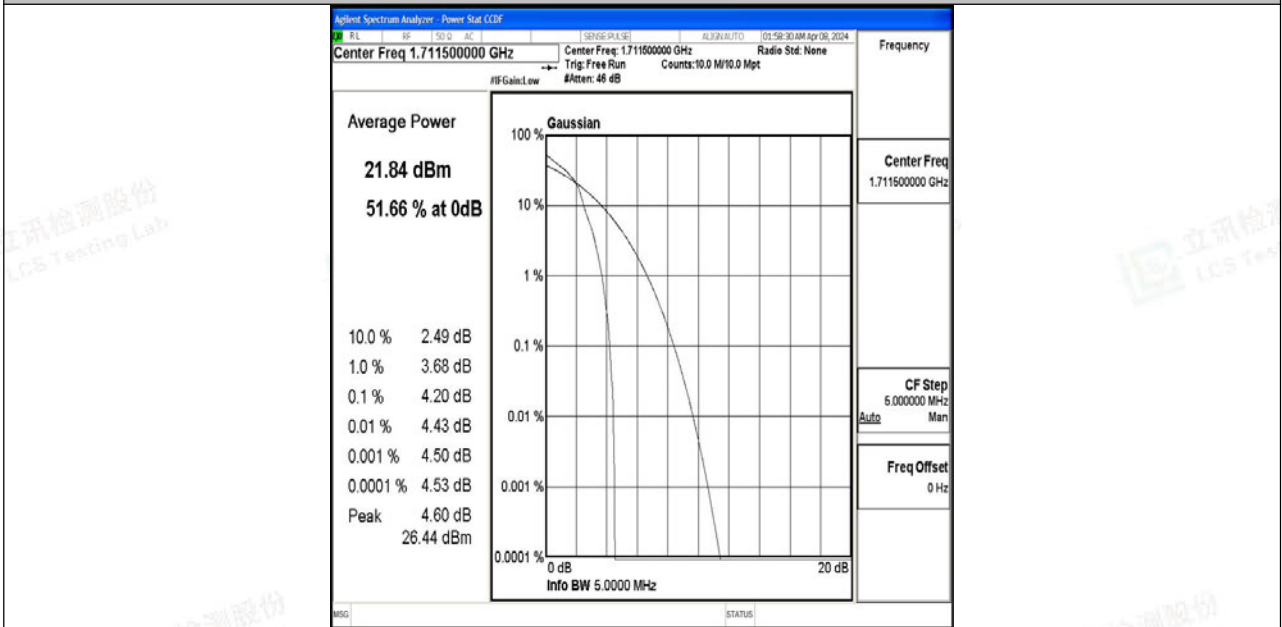
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



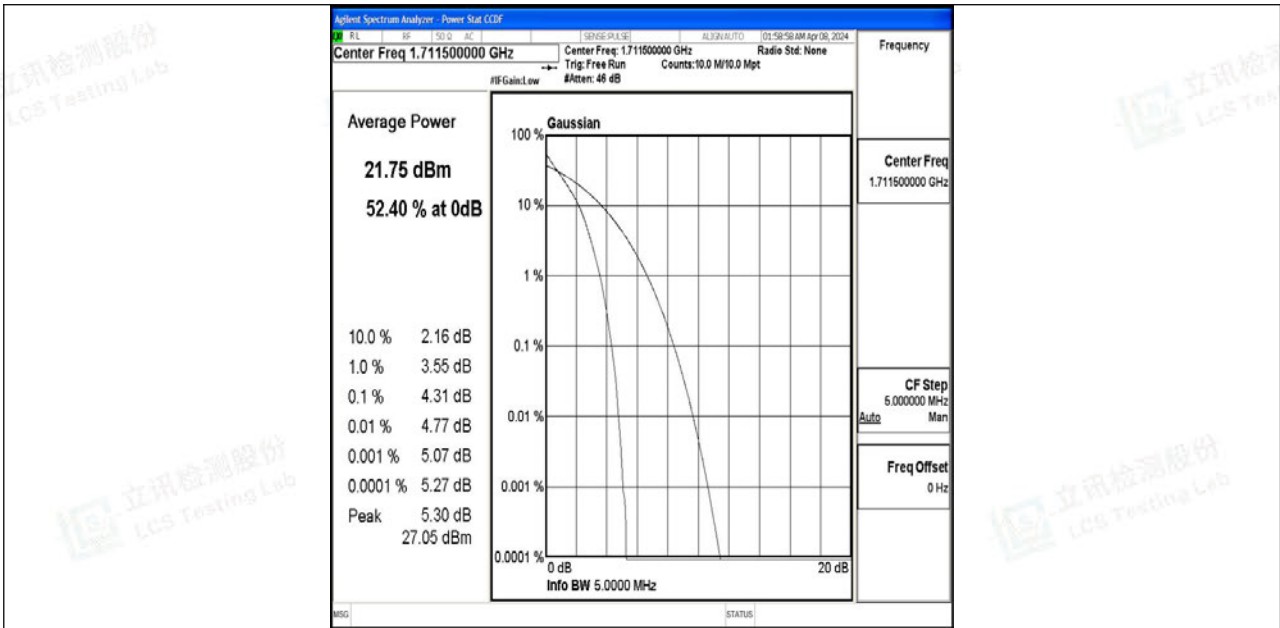


Band4-3MHz-QPSK-19965-1RB#0-PASS

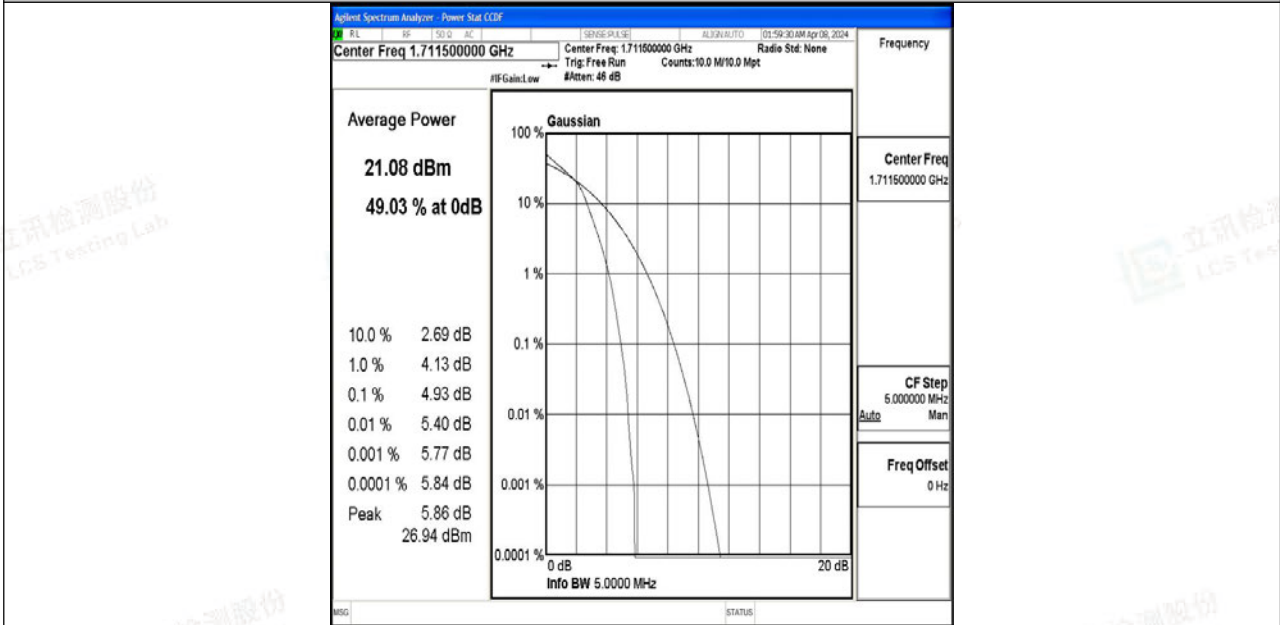


Band4-3MHz-64QAM-19965-1RB#0-PASS



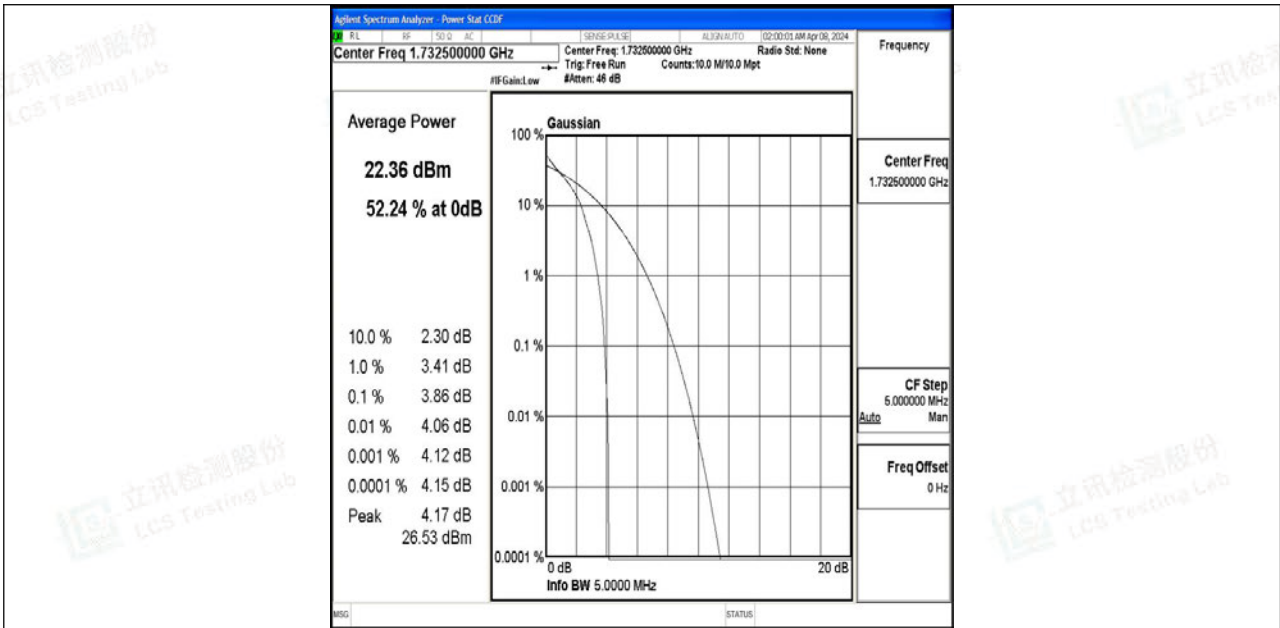


Band4-3MHz-QPSK-19965-15RB#0-PASS

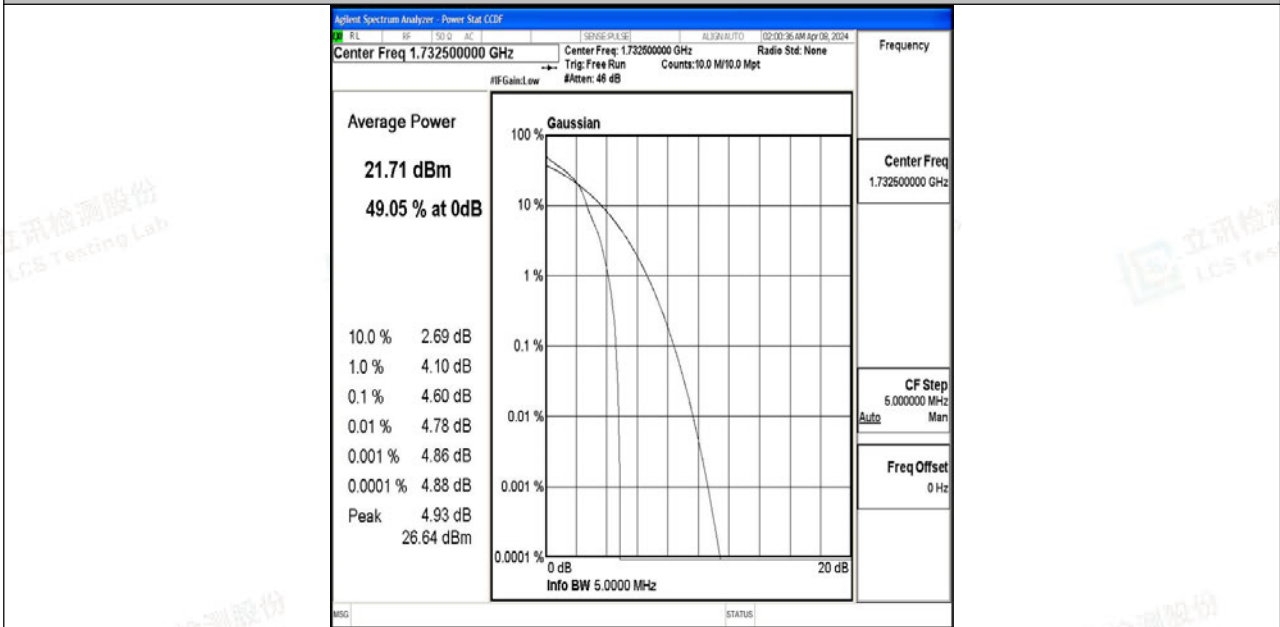


Band4-3MHz-64QAM-19965-15RB#0-PASS



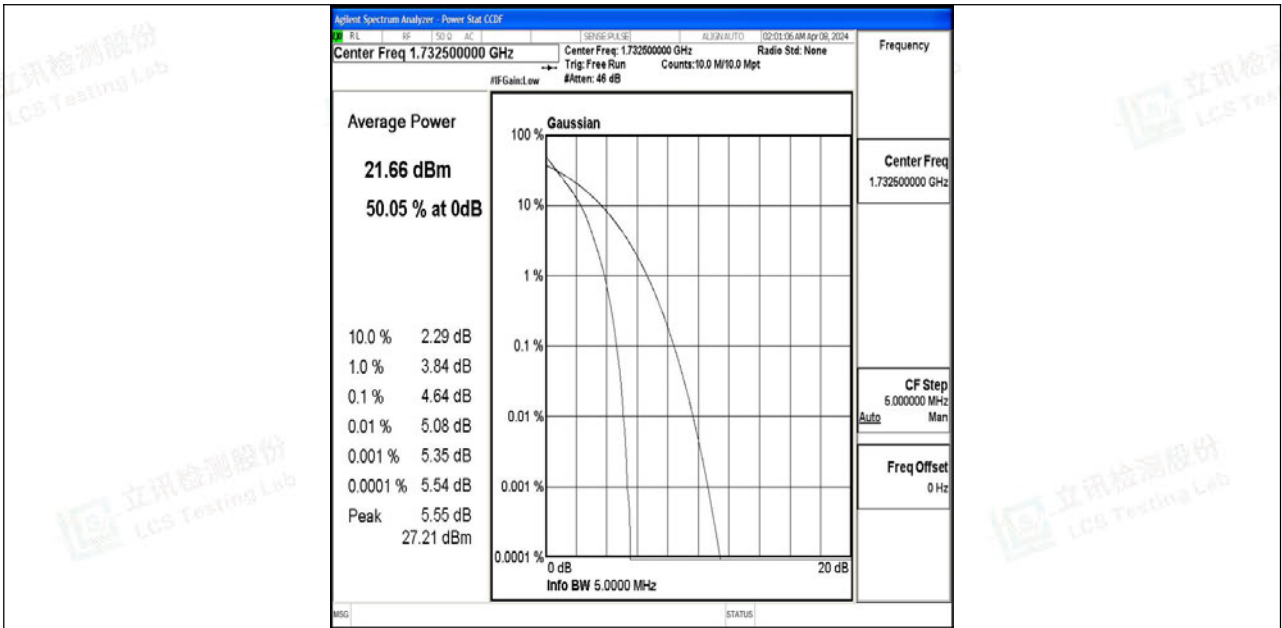


Band4-3MHz-QPSK-20175-1RB#0-PASS

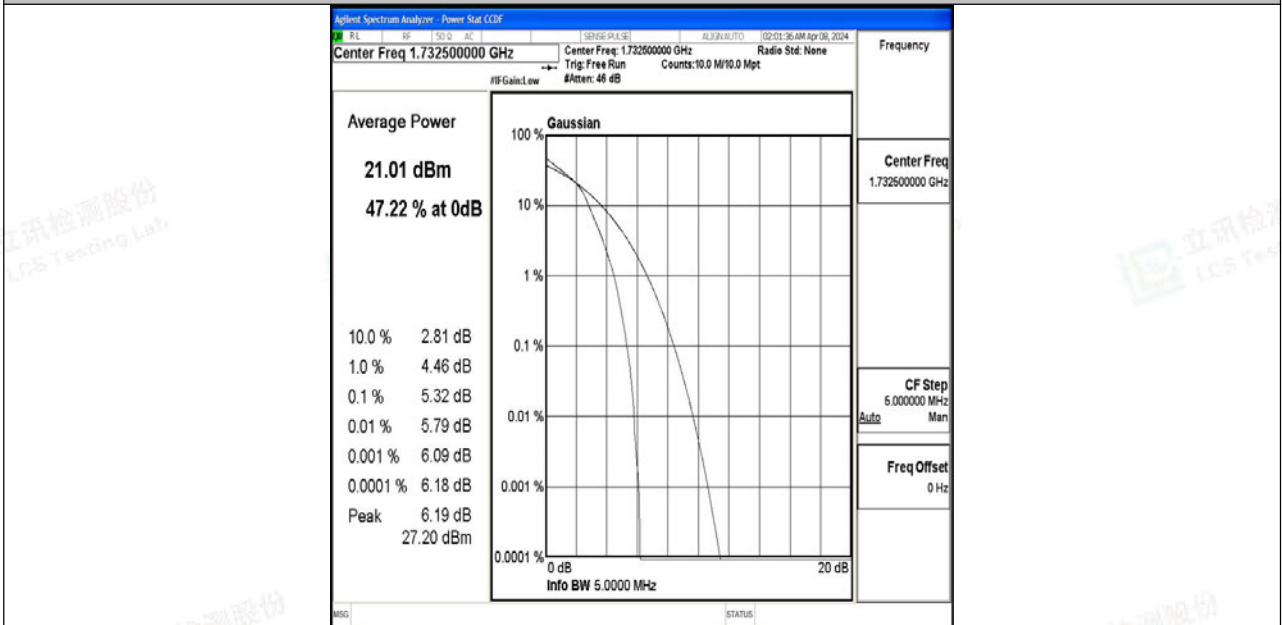


Band4-3MHz-64QAM-20175-1RB#0-PASS





Band4-3MHz-QPSK-20175-15RB#0-PASS



Band4-3MHz-64QAM-20175-15RB#0-PASS

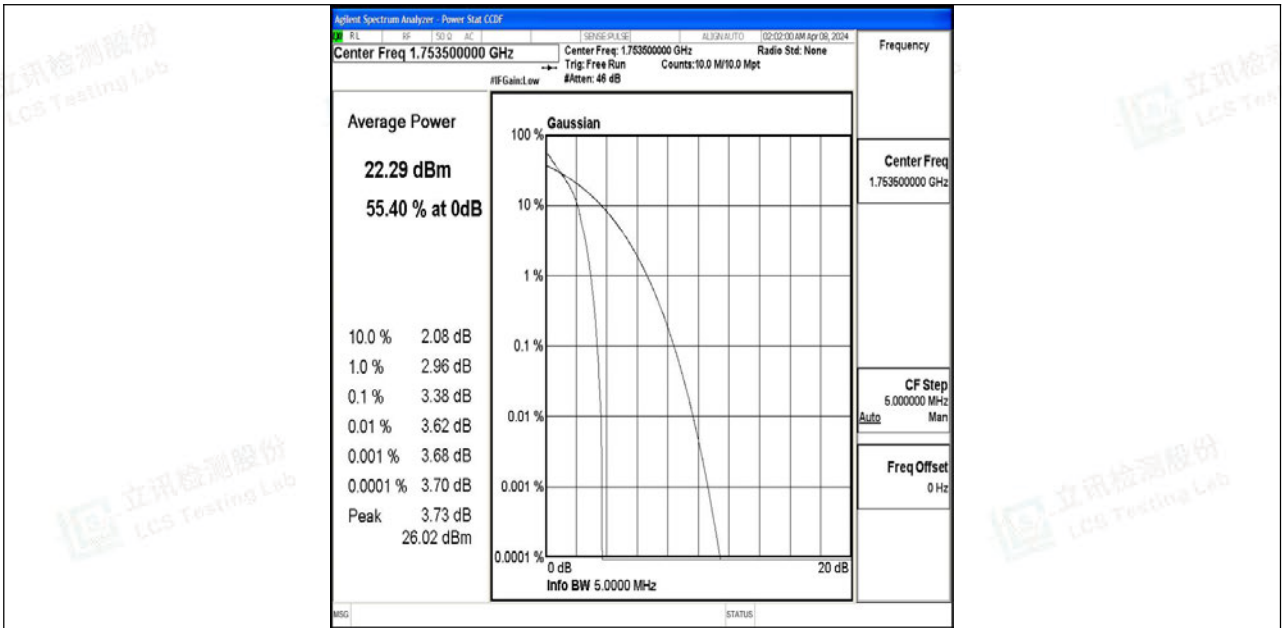


Shenzhen LCS Compliance Testing Laboratory Ltd.

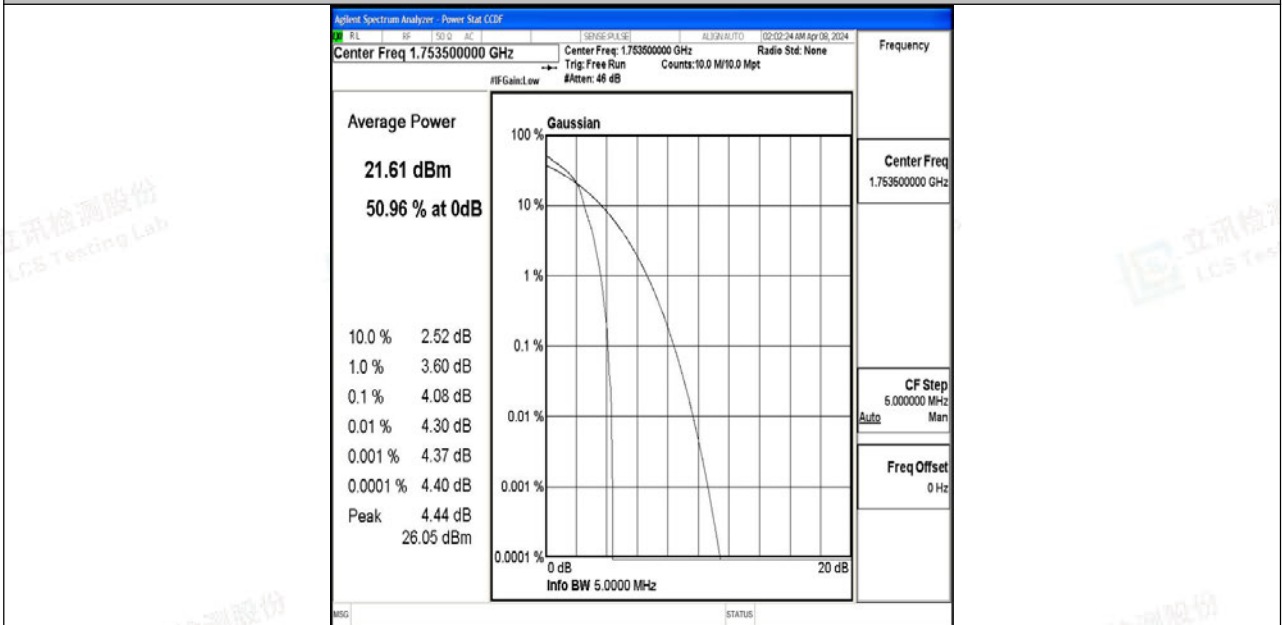
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



Band4-3MHz-QPSK-20385-1RB#0-PASS



Band4-3MHz-64QAM-20385-1RB#0-PASS

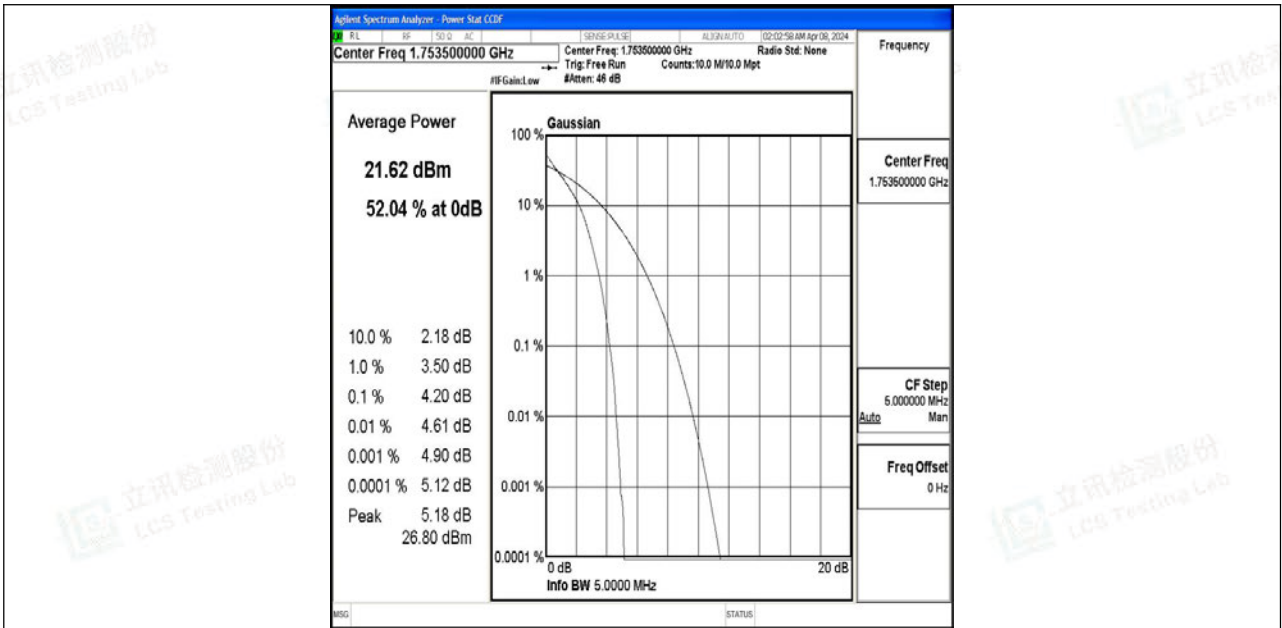


Shenzhen LCS Compliance Testing Laboratory Ltd.

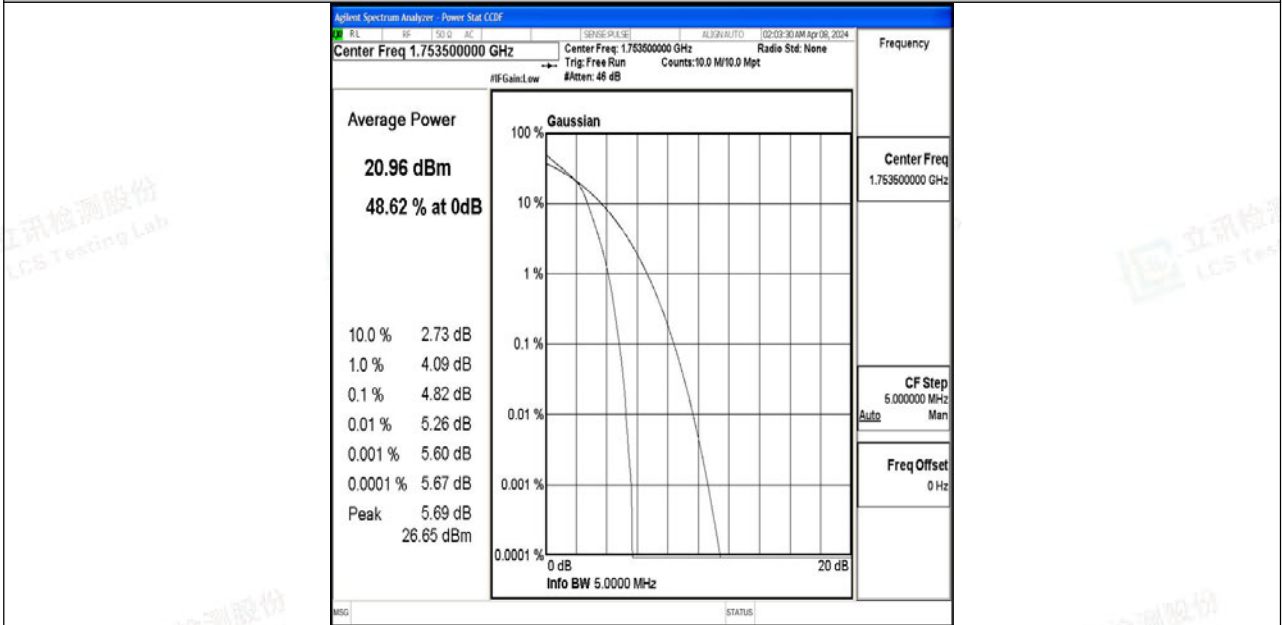
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity

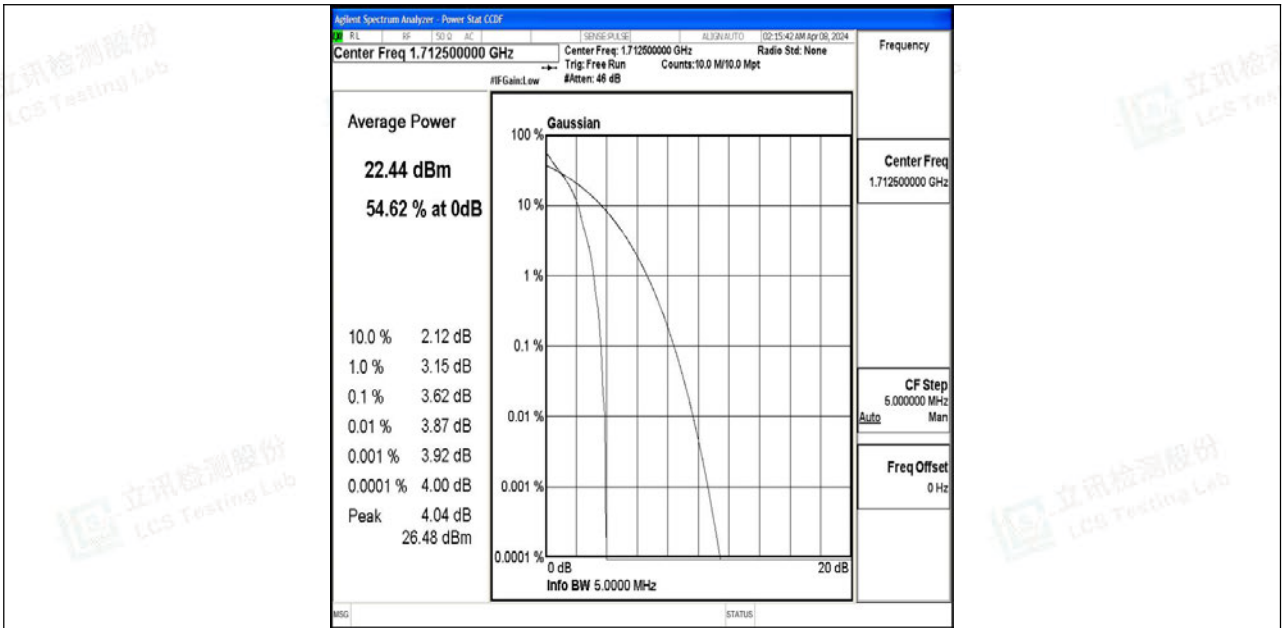


Band4-3MHz-QPSK-20385-15RB#0-PASS

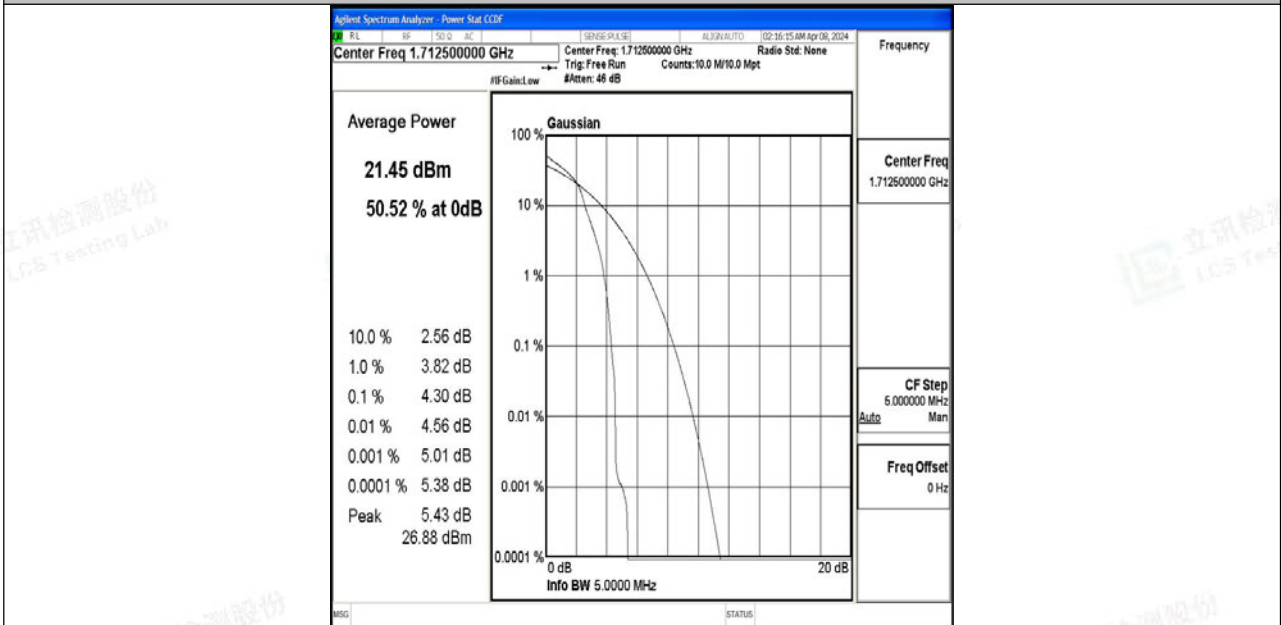


Band4-3MHz-64QAM-20385-15RB#0-PASS





Band4-5MHz-QPSK-19975-1RB#0-PASS



Band4-5MHz-64QAM-19975-1RB#0-PASS

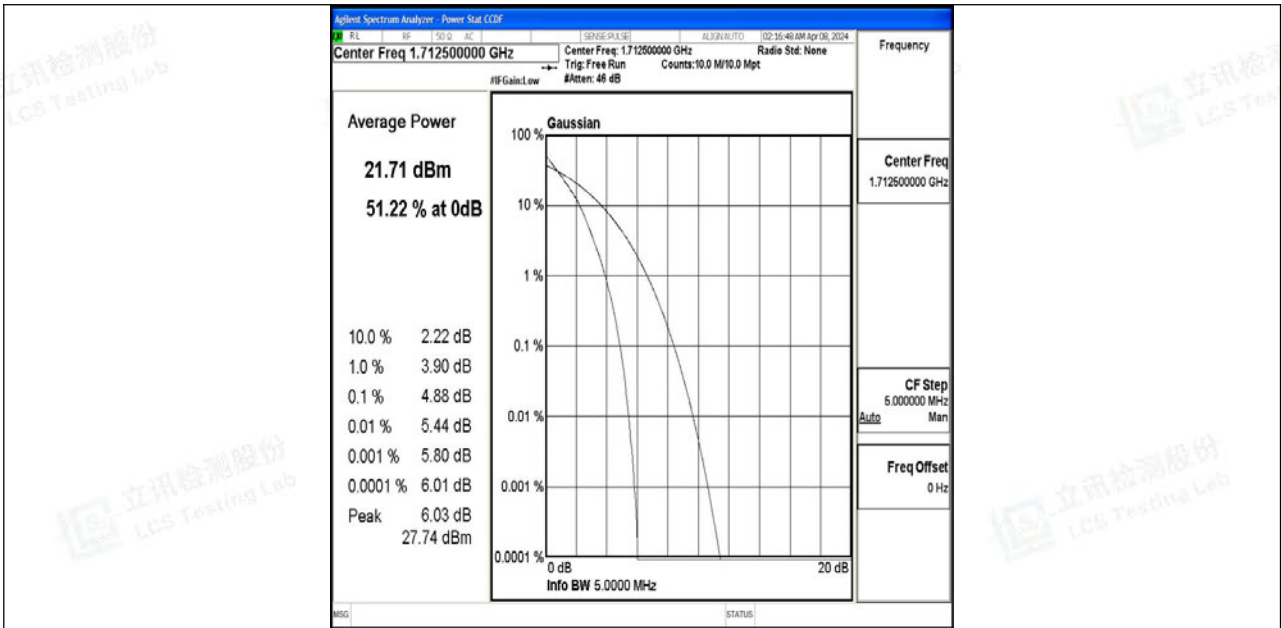


Shenzhen LCS Compliance Testing Laboratory Ltd.

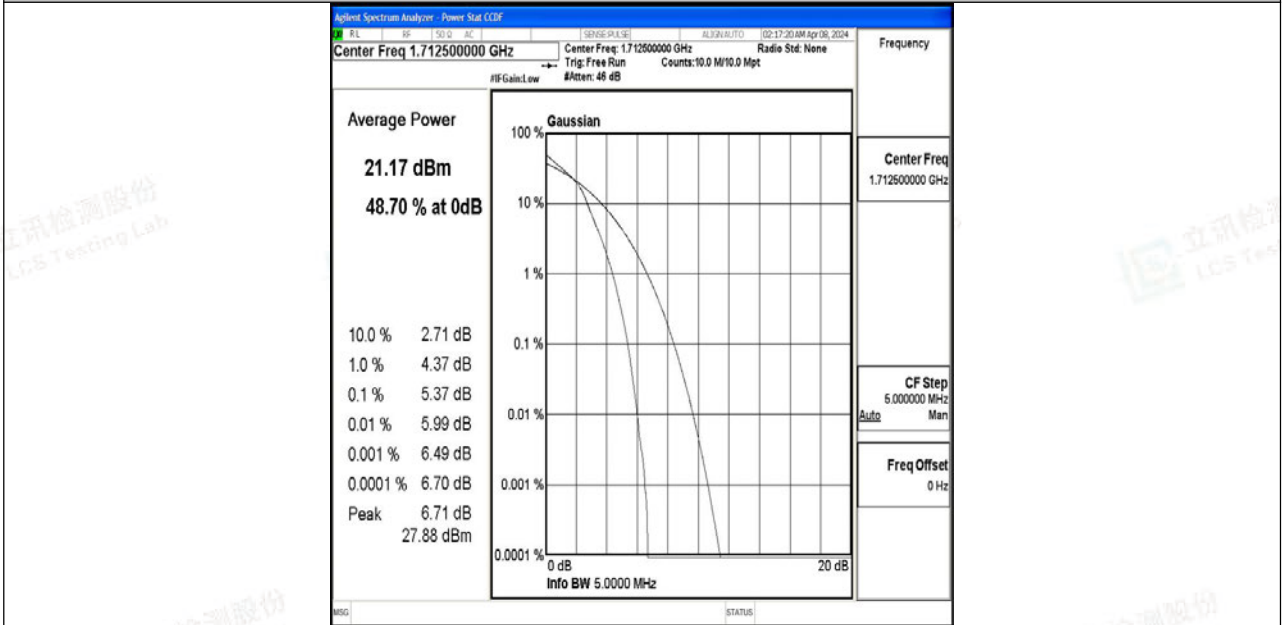
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



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



Band4-5MHz-64QAM-19975-25RB#0-PASS

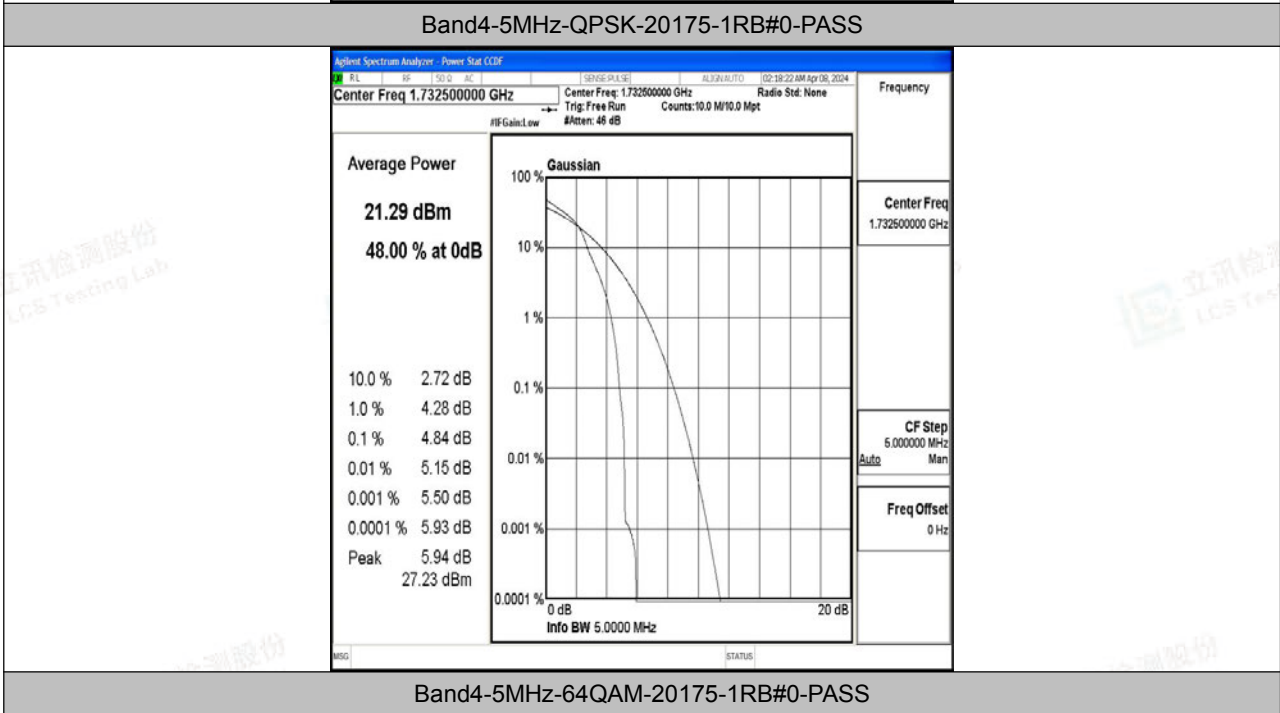
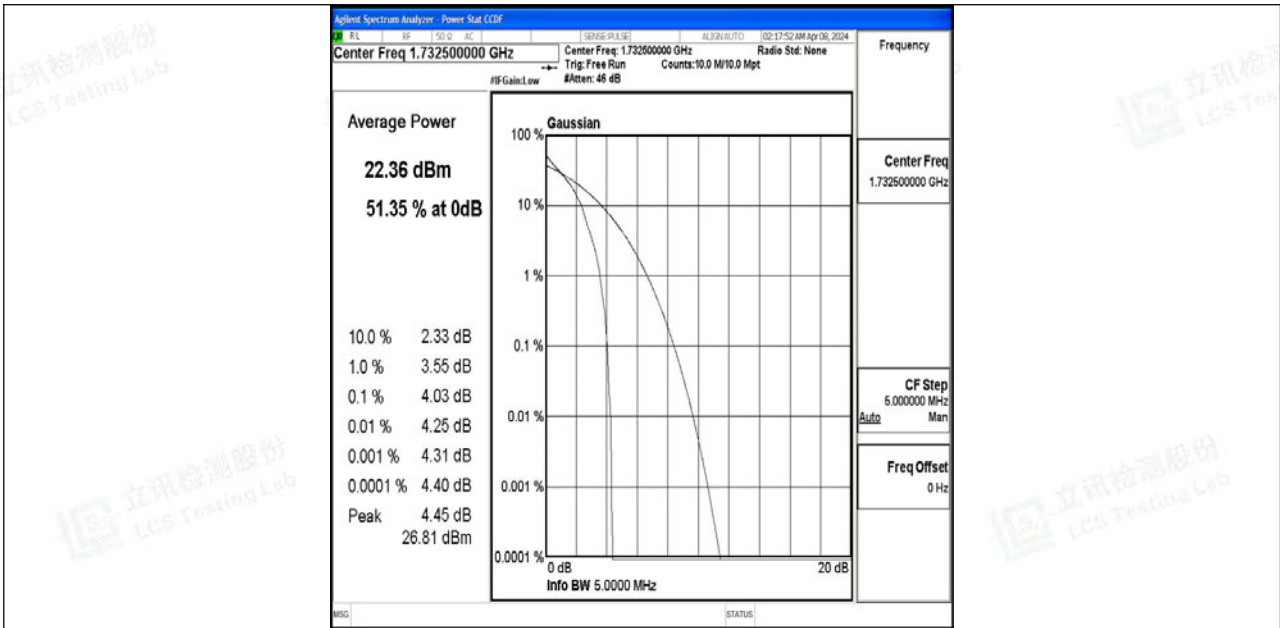


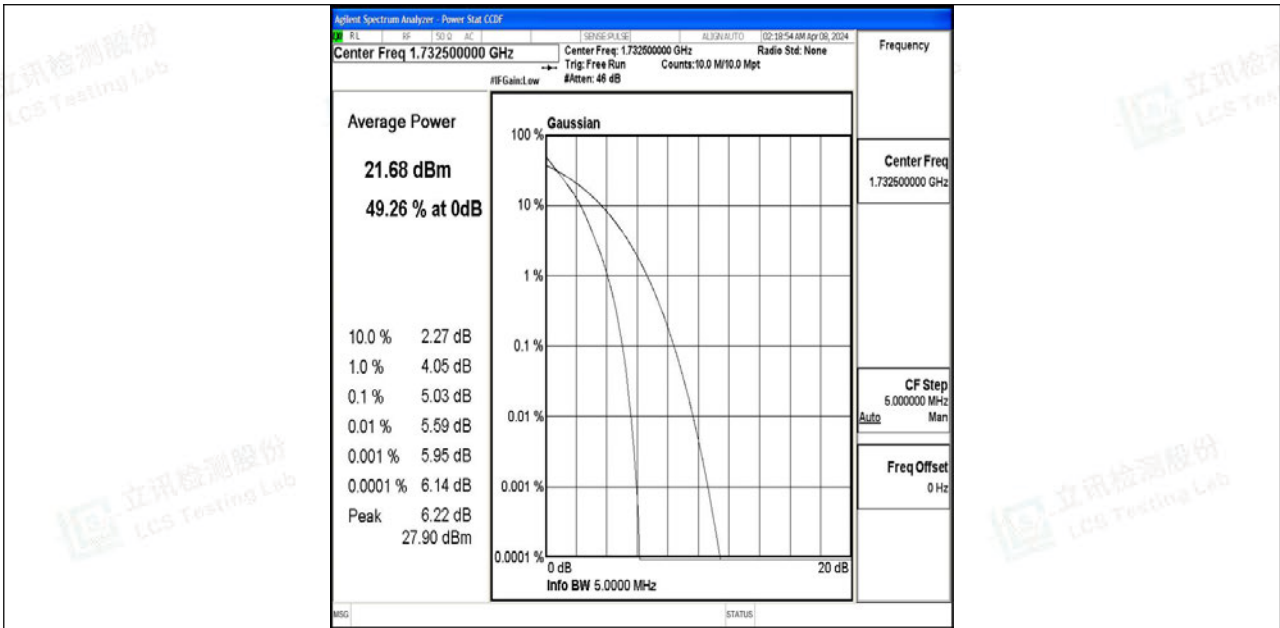
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

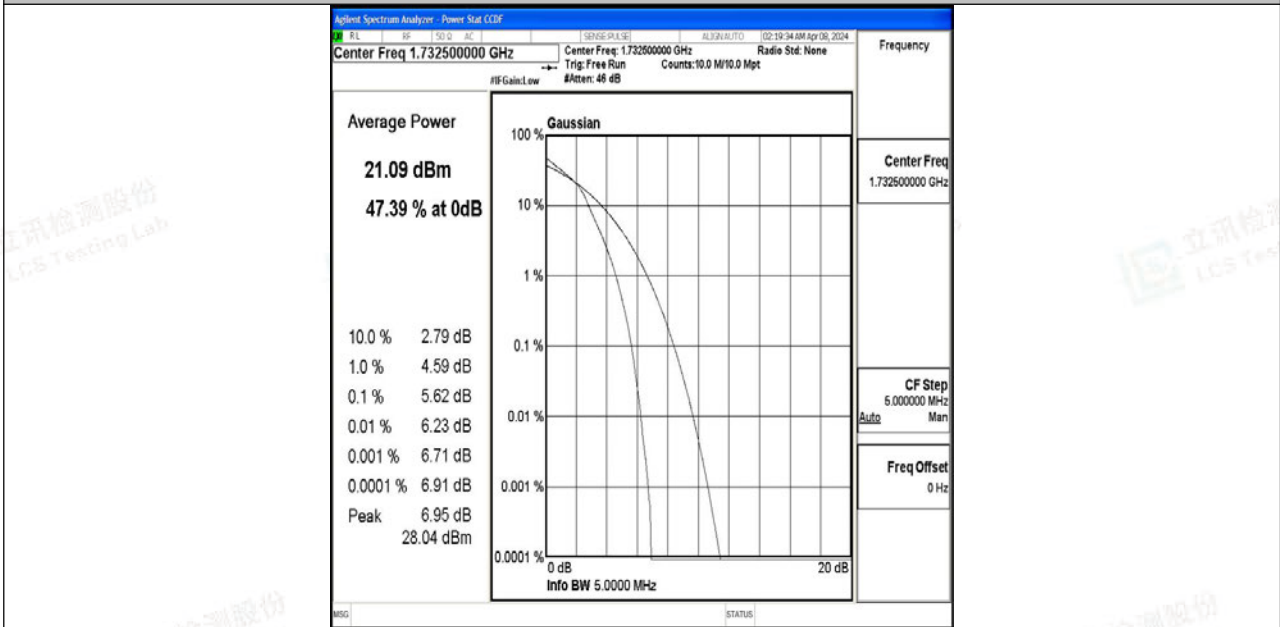
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity





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



Band4-5MHz-64QAM-20175-25RB#0-PASS

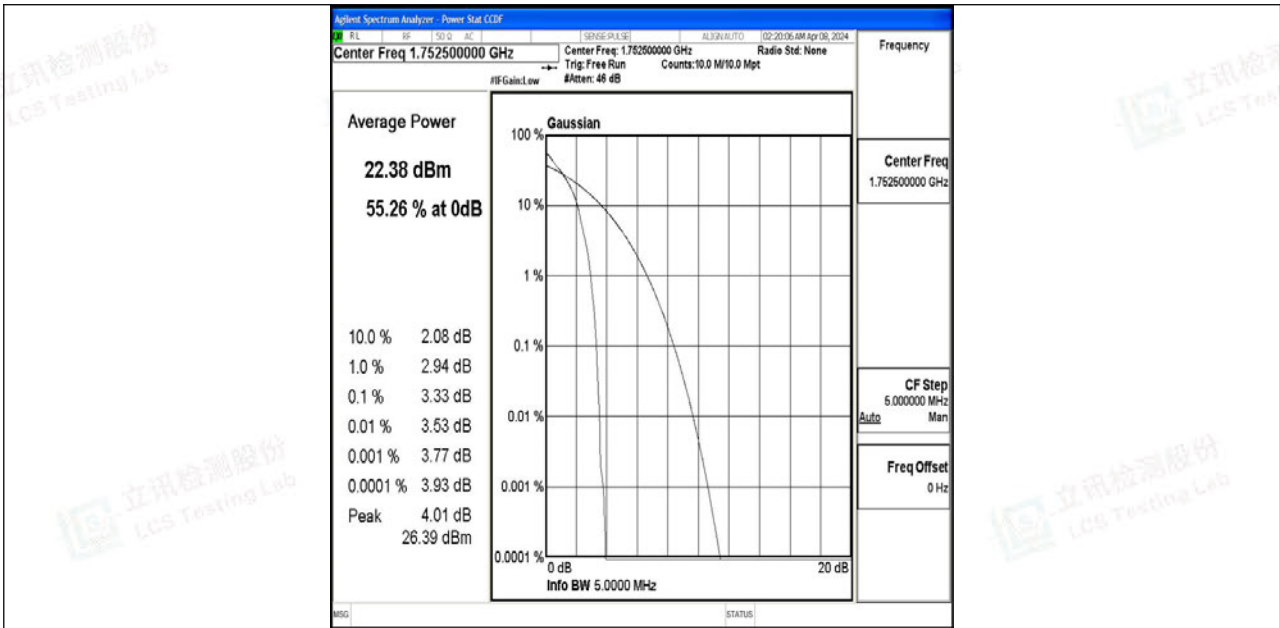


Shenzhen LCS Compliance Testing Laboratory Ltd.

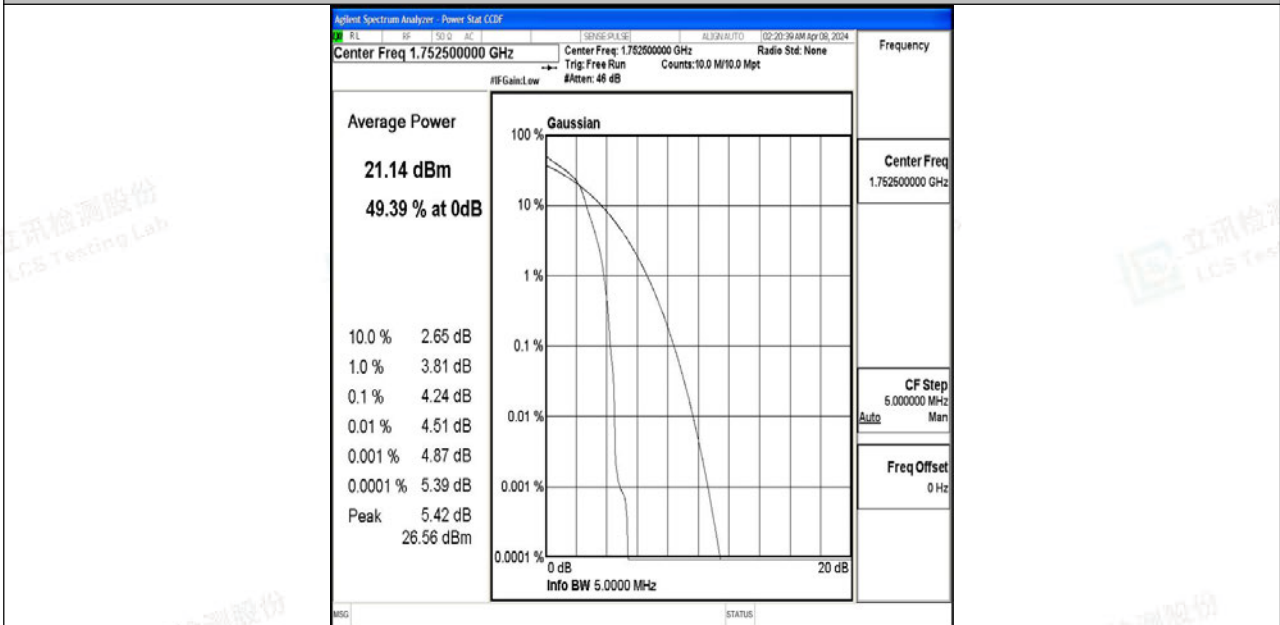
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



Band4-5MHz-QPSK-20375-1RB#0-PASS



Band4-5MHz-64QAM-20375-1RB#0-PASS

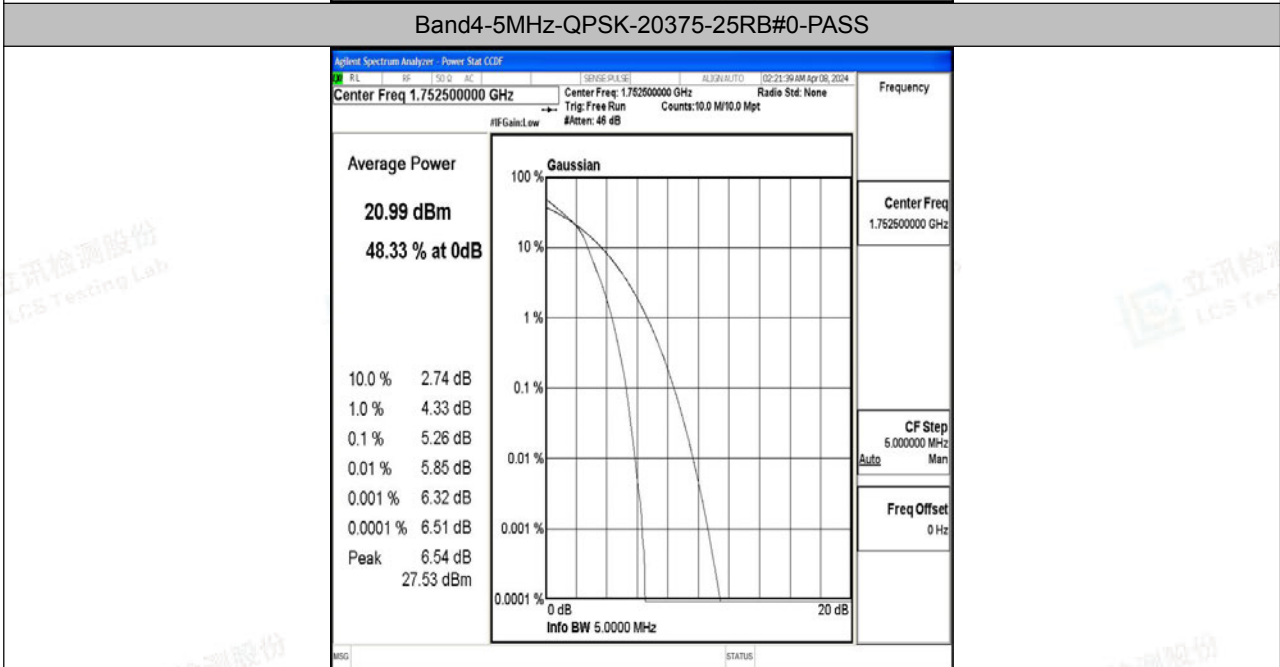
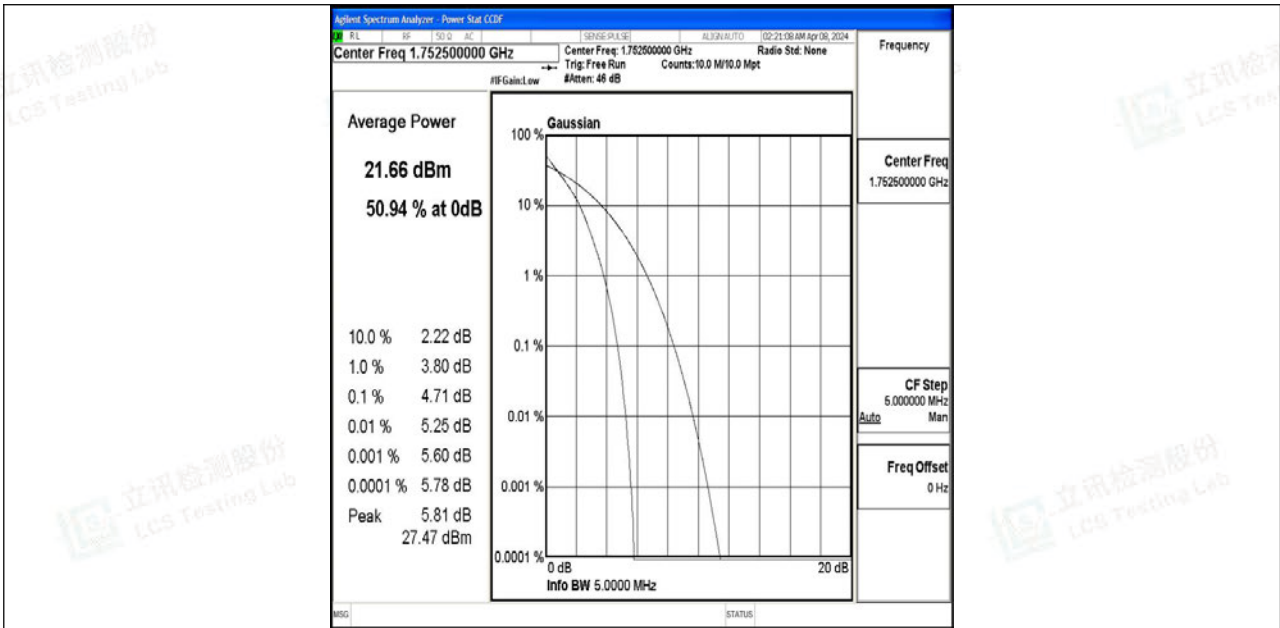


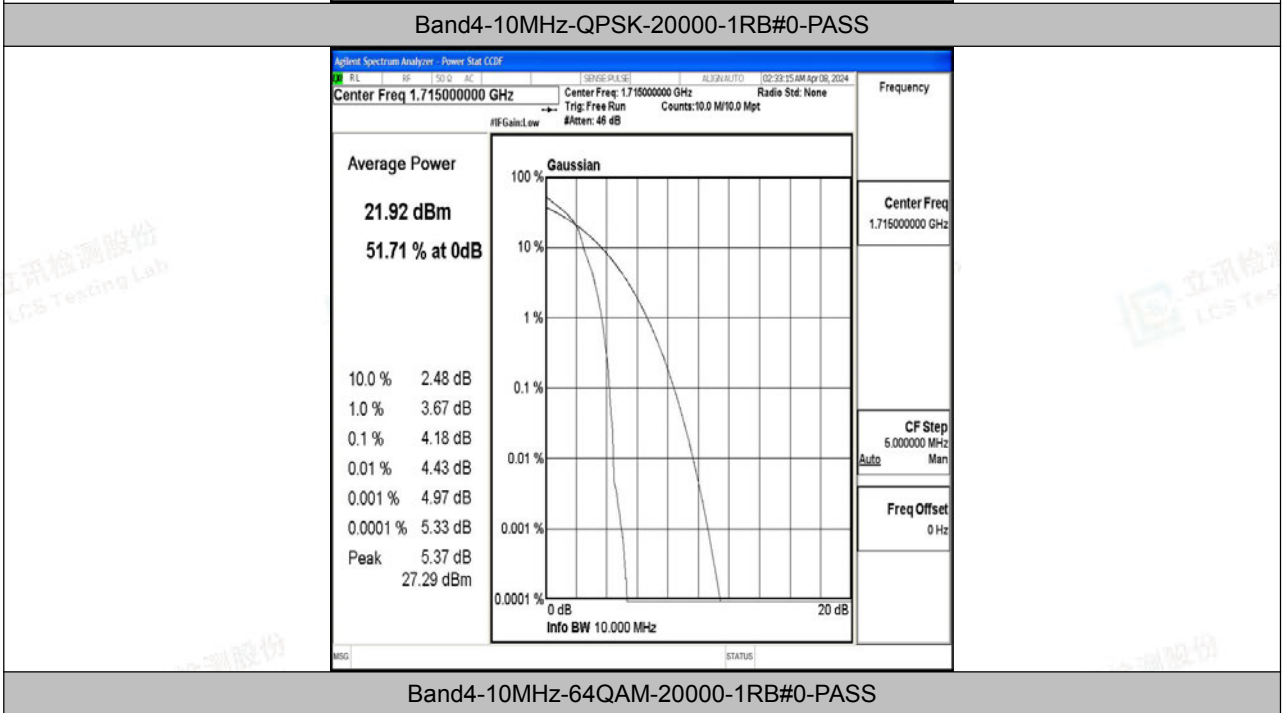
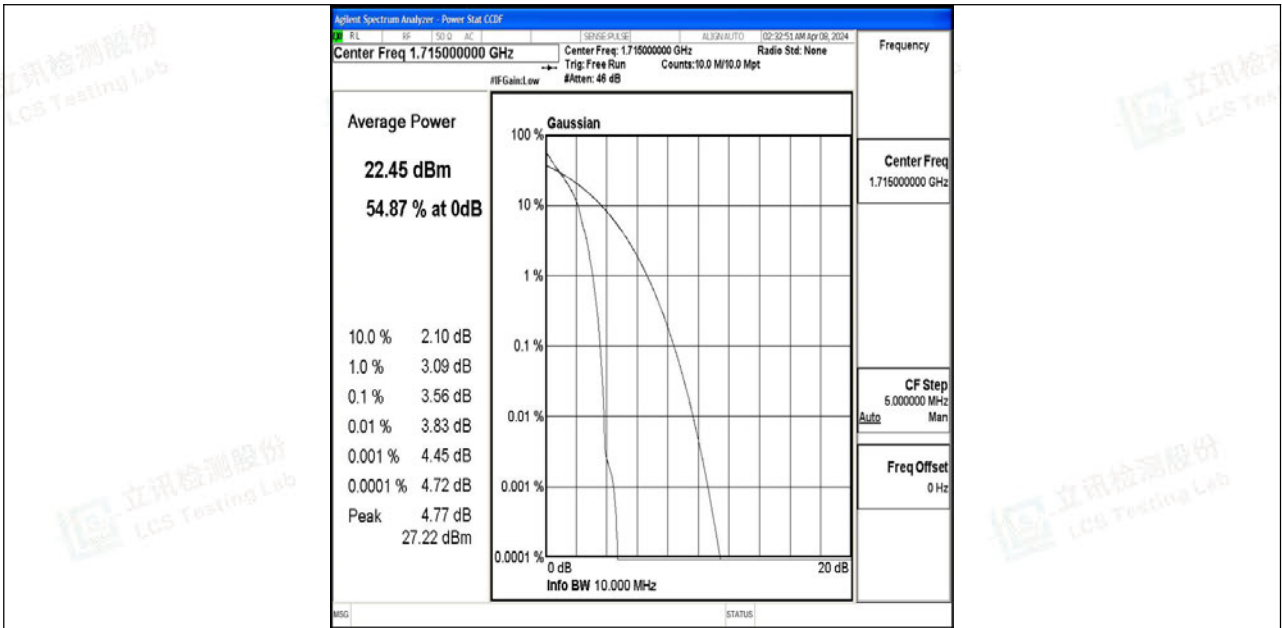
Shenzhen LCS Compliance Testing Laboratory Ltd.

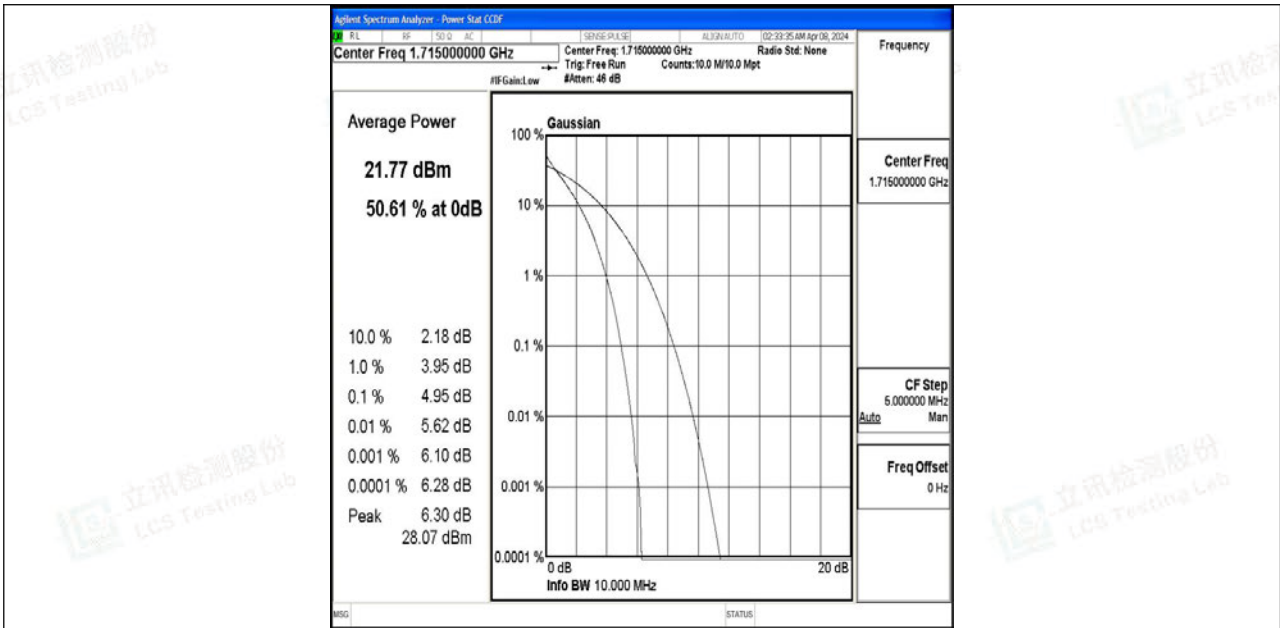
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

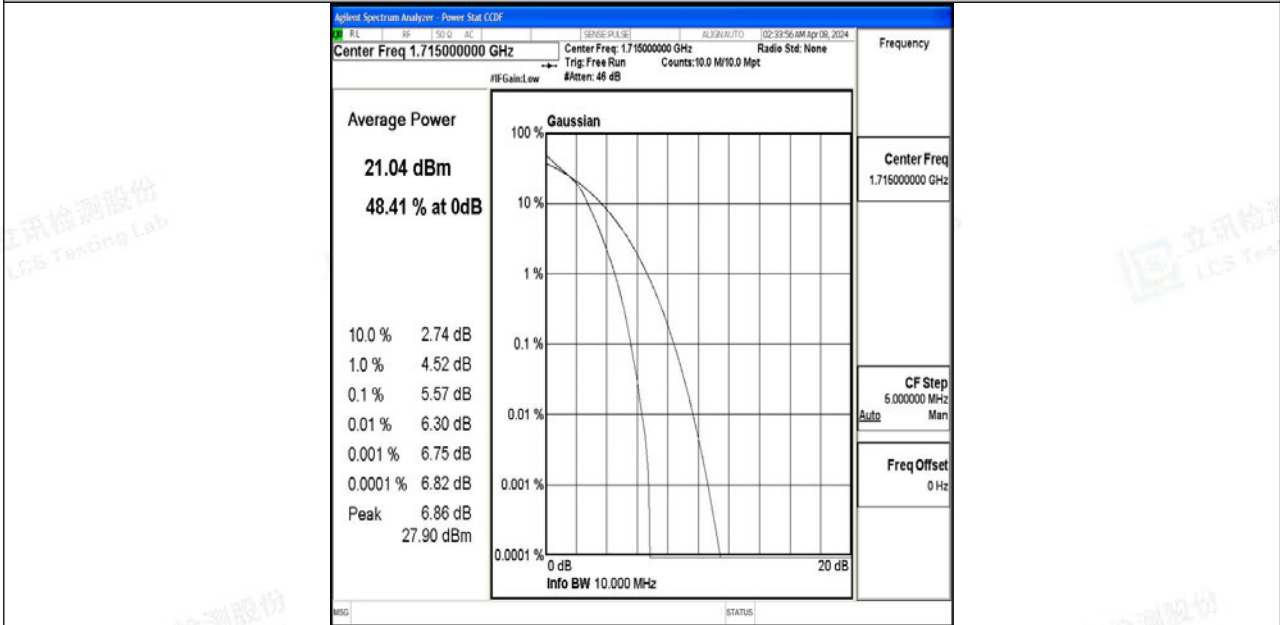
Scan code to check authenticity





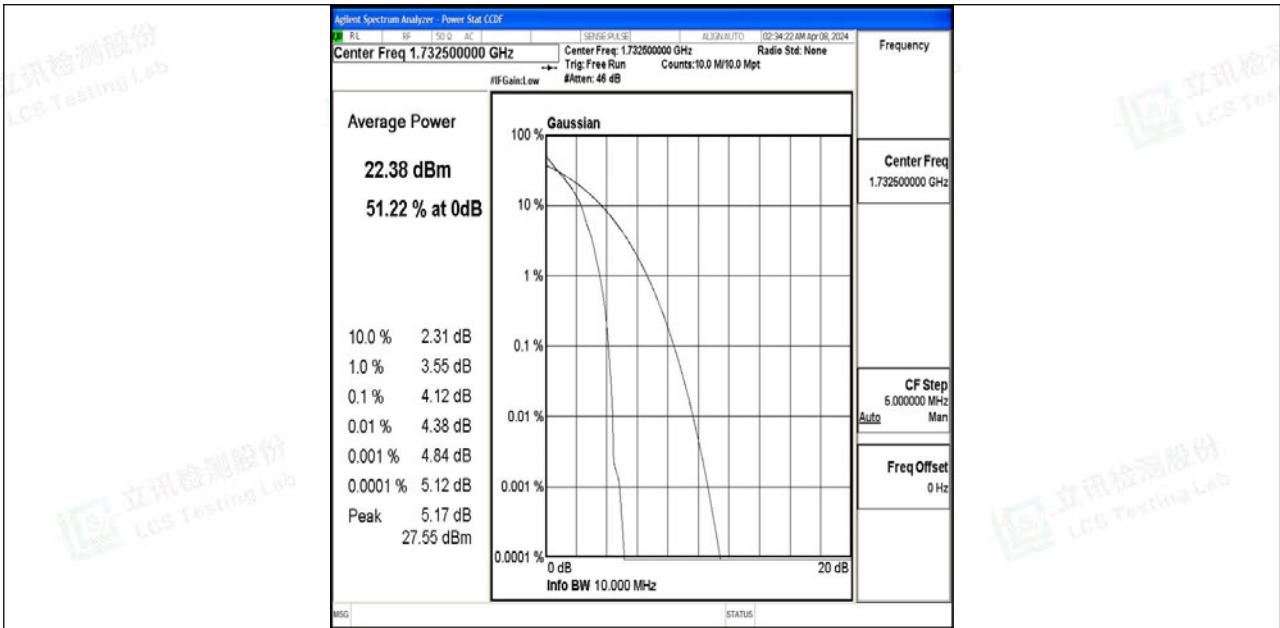


Band4-10MHz-QPSK-20000-50RB#0-PASS

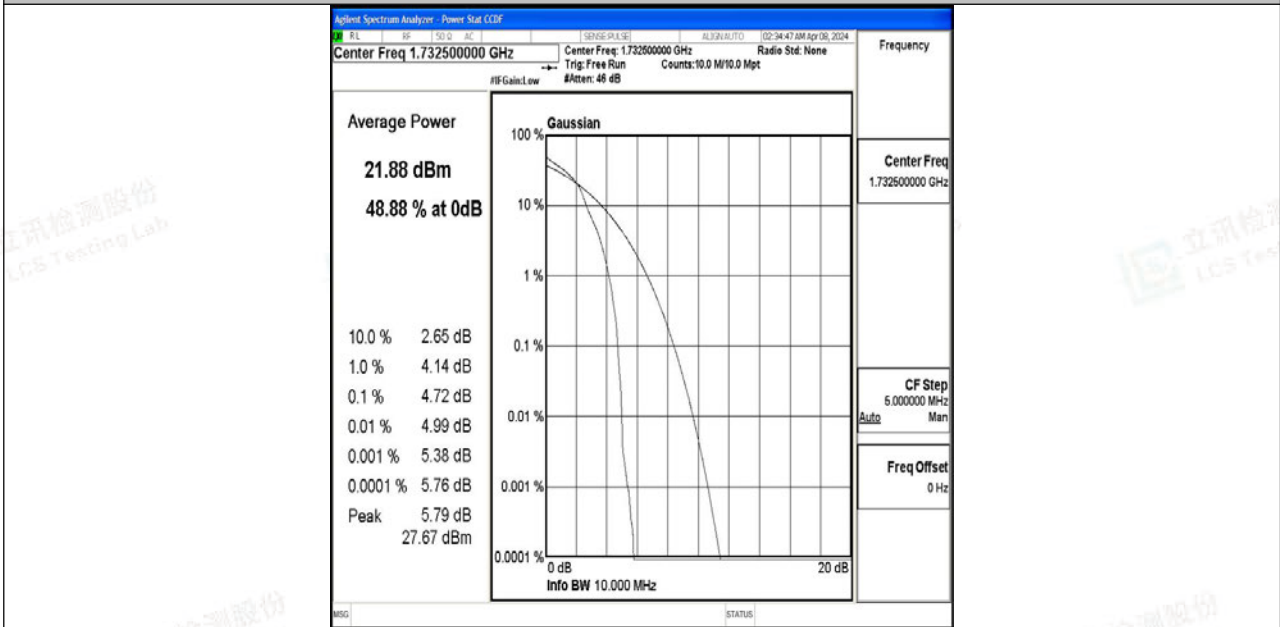


Band4-10MHz-64QAM-20000-50RB#0-PASS



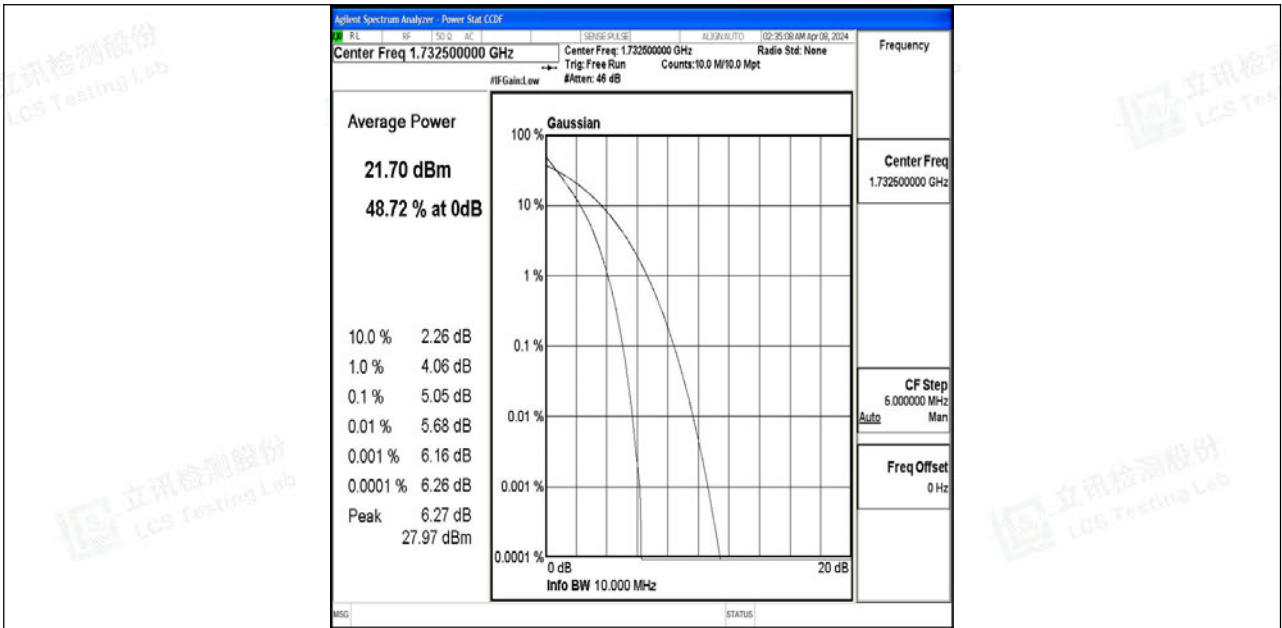


Band4-10MHz-QPSK-20175-1RB#0-PASS

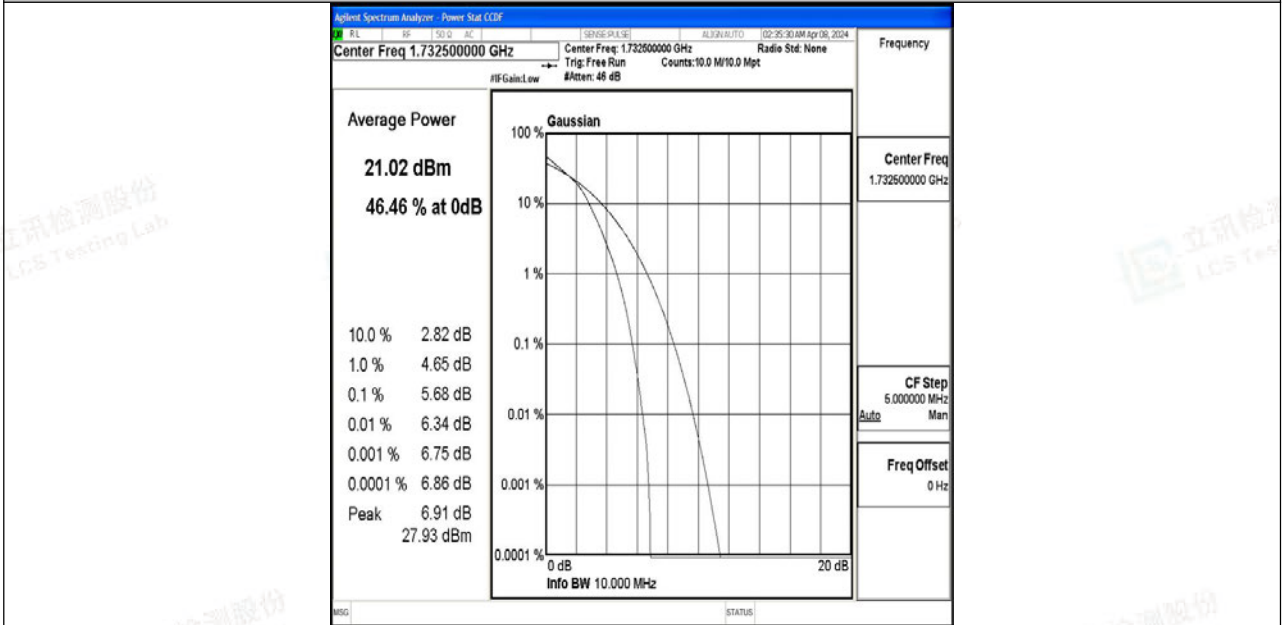


Band4-10MHz-64QAM-20175-1RB#0-PASS



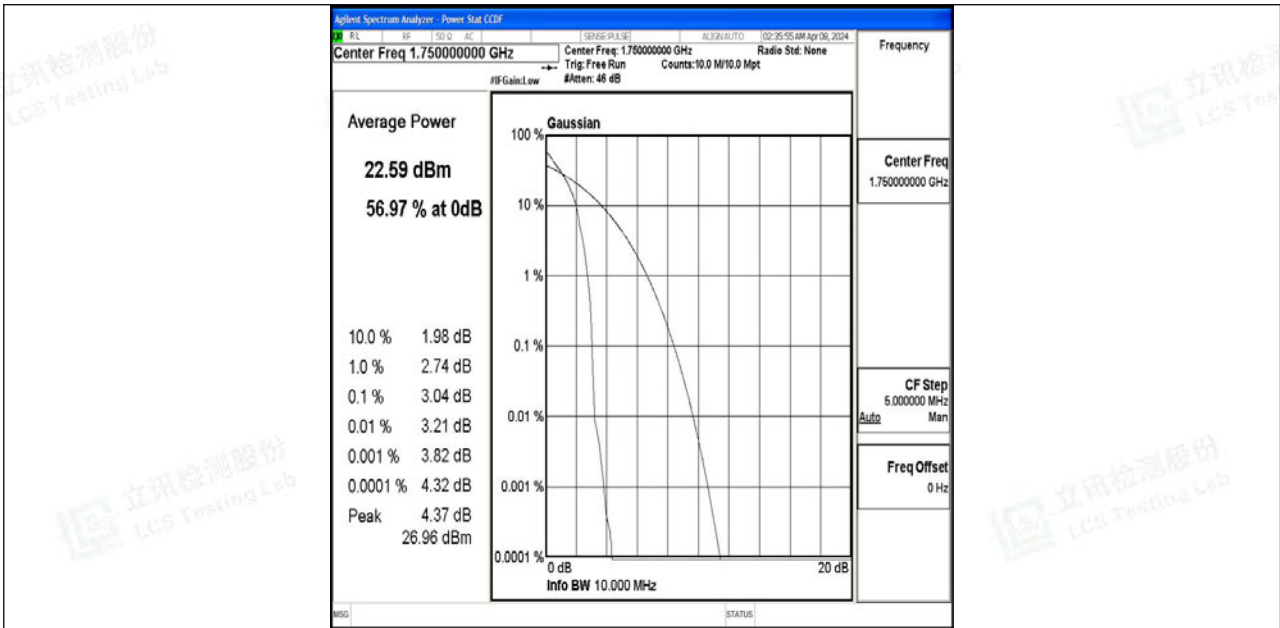


Band4-10MHz-QPSK-20175-50RB#0-PASS

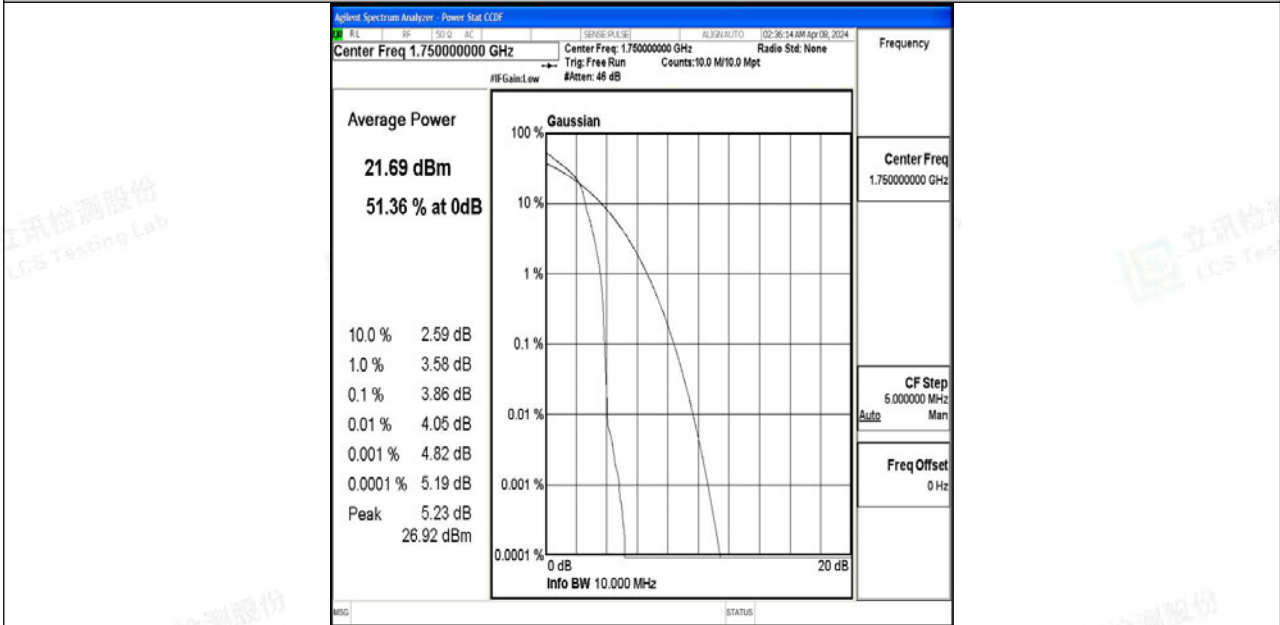


Band4-10MHz-64QAM-20175-50RB#0-PASS





Band4-10MHz-QPSK-20350-1RB#0-PASS



Band4-10MHz-64QAM-20350-1RB#0-PASS

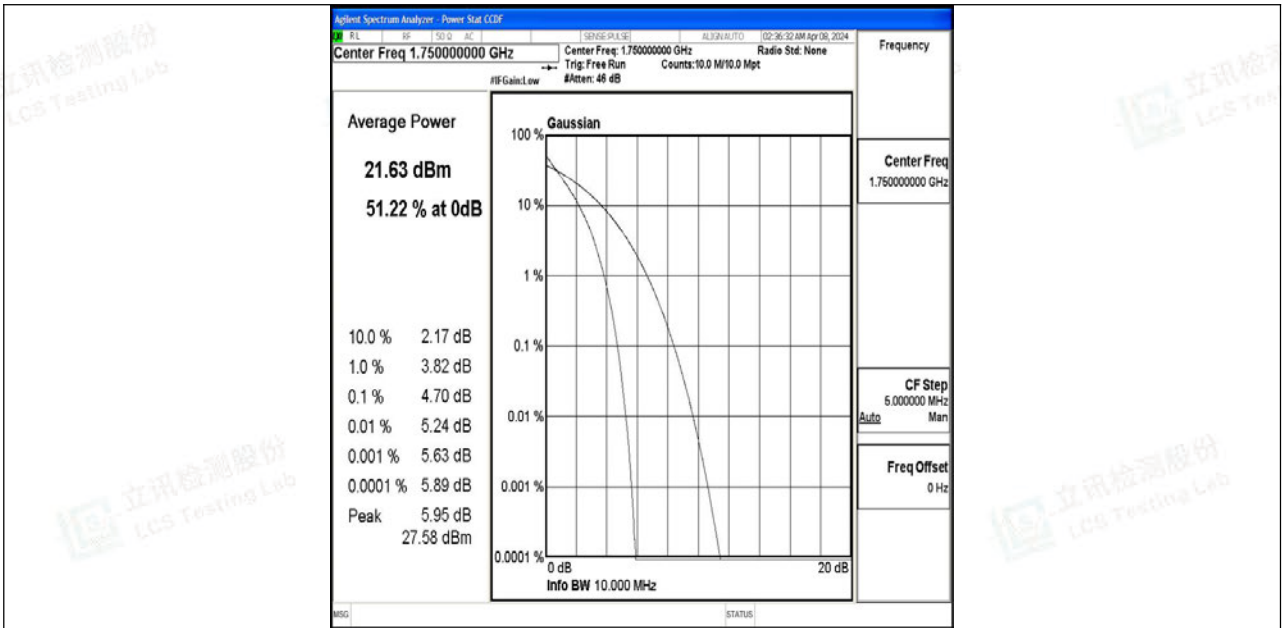


Shenzhen LCS Compliance Testing Laboratory Ltd.

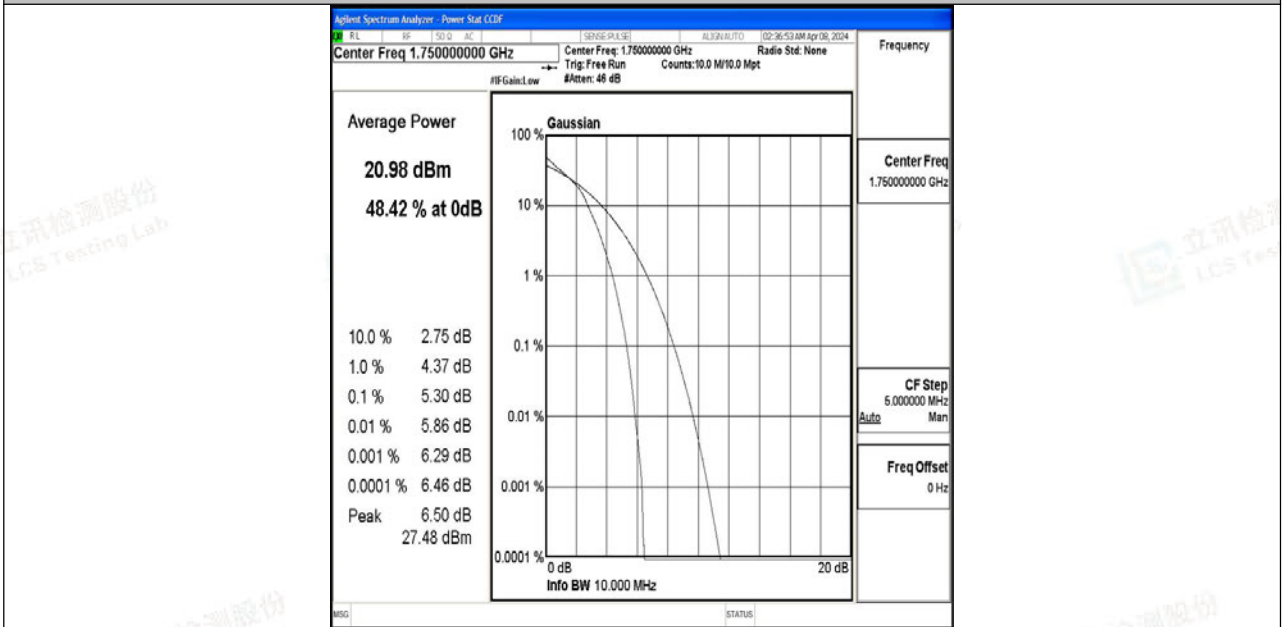
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity

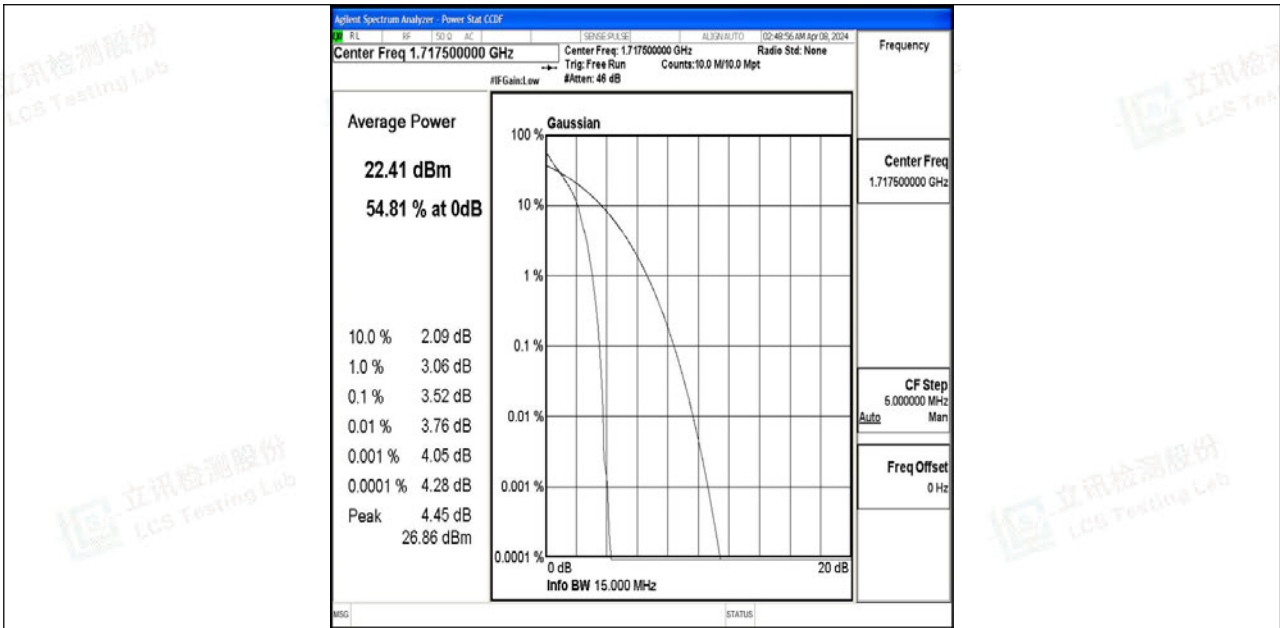


Band4-10MHz-QPSK-20350-50RB#0-PASS

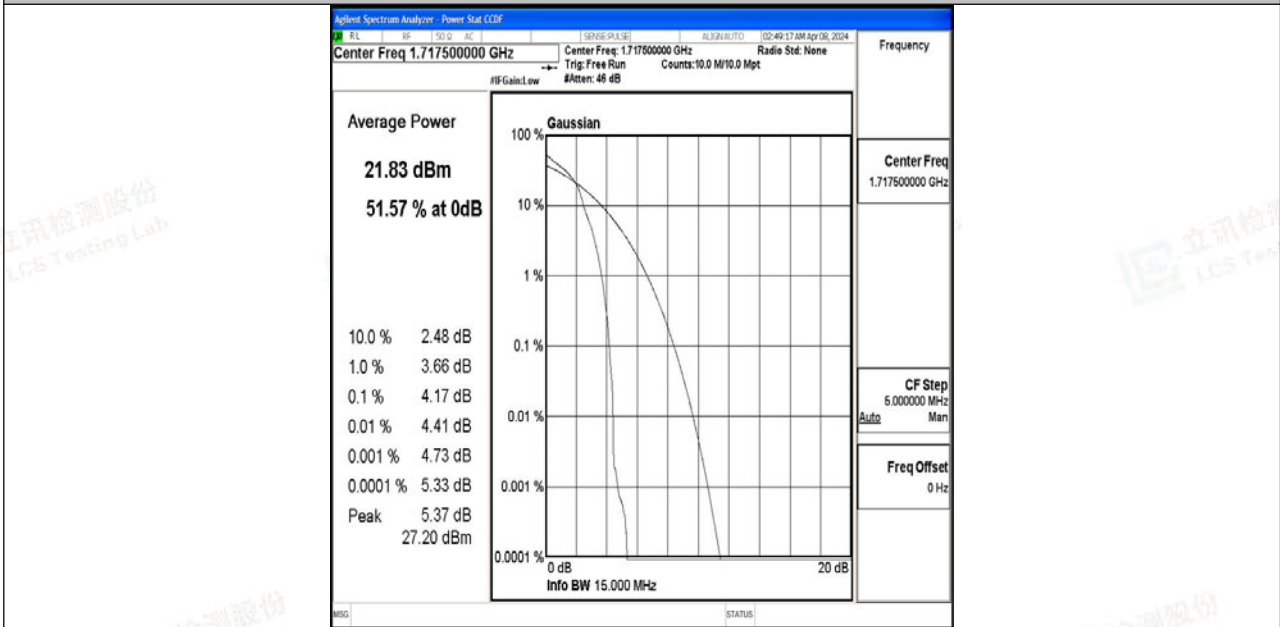


Band4-10MHz-64QAM-20350-50RB#0-PASS



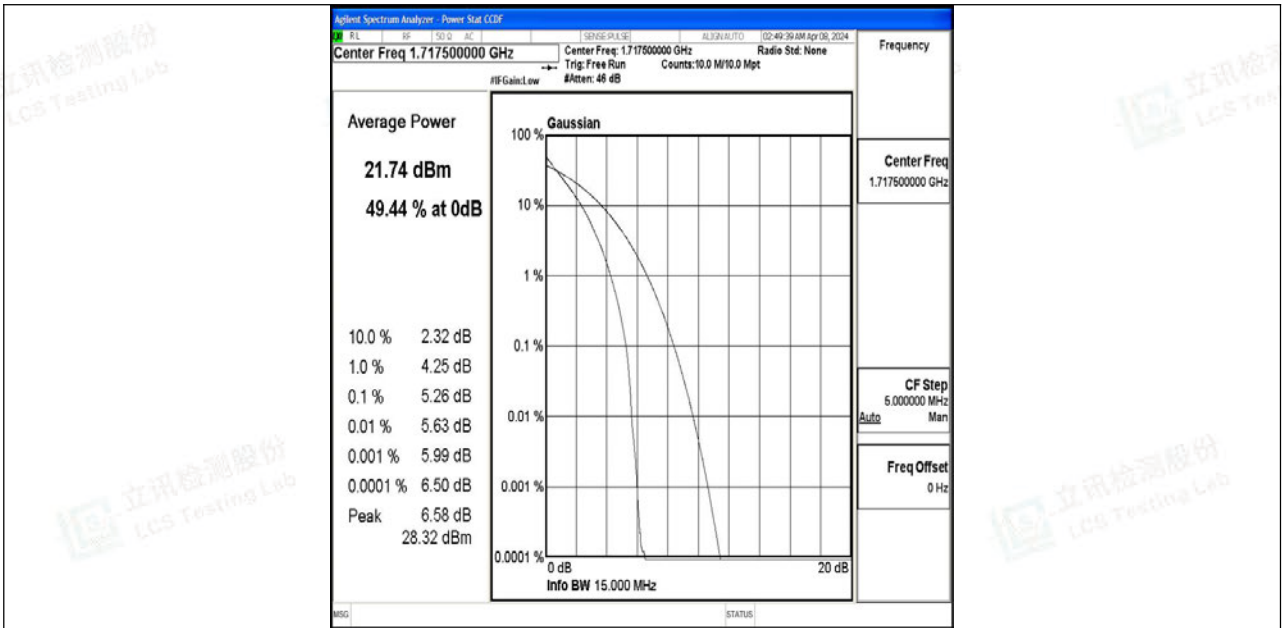


Band4-15MHz-QPSK-20025-1RB#0-PASS

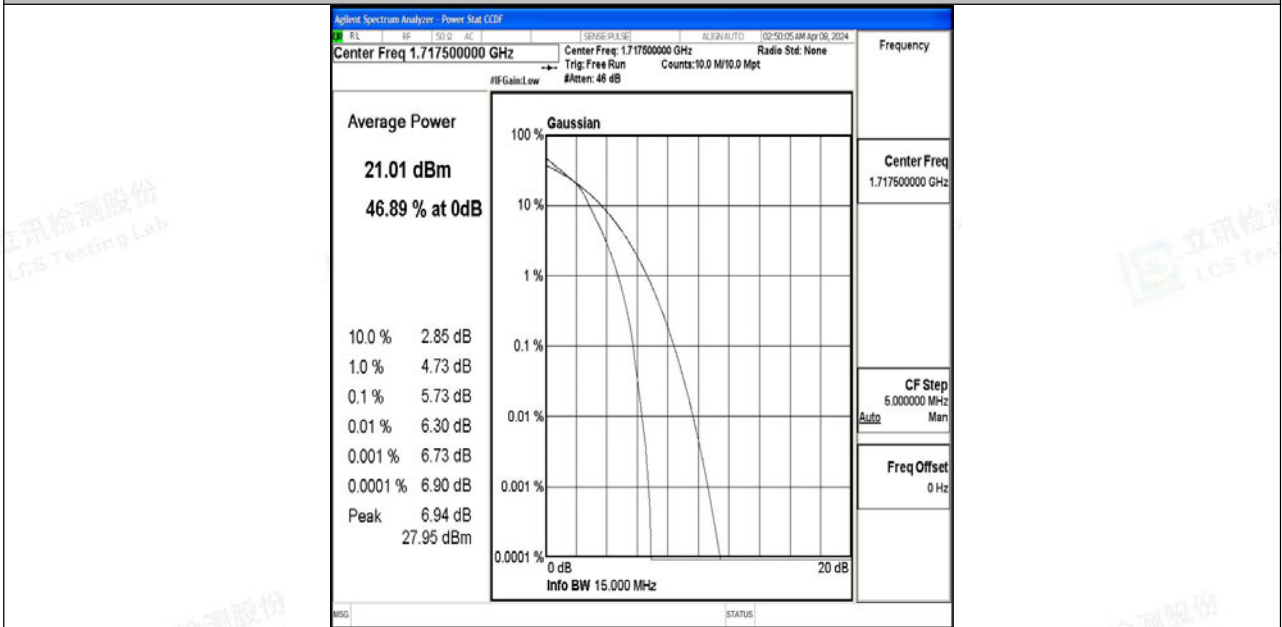


Band4-15MHz-64QAM-20025-1RB#0-PASS



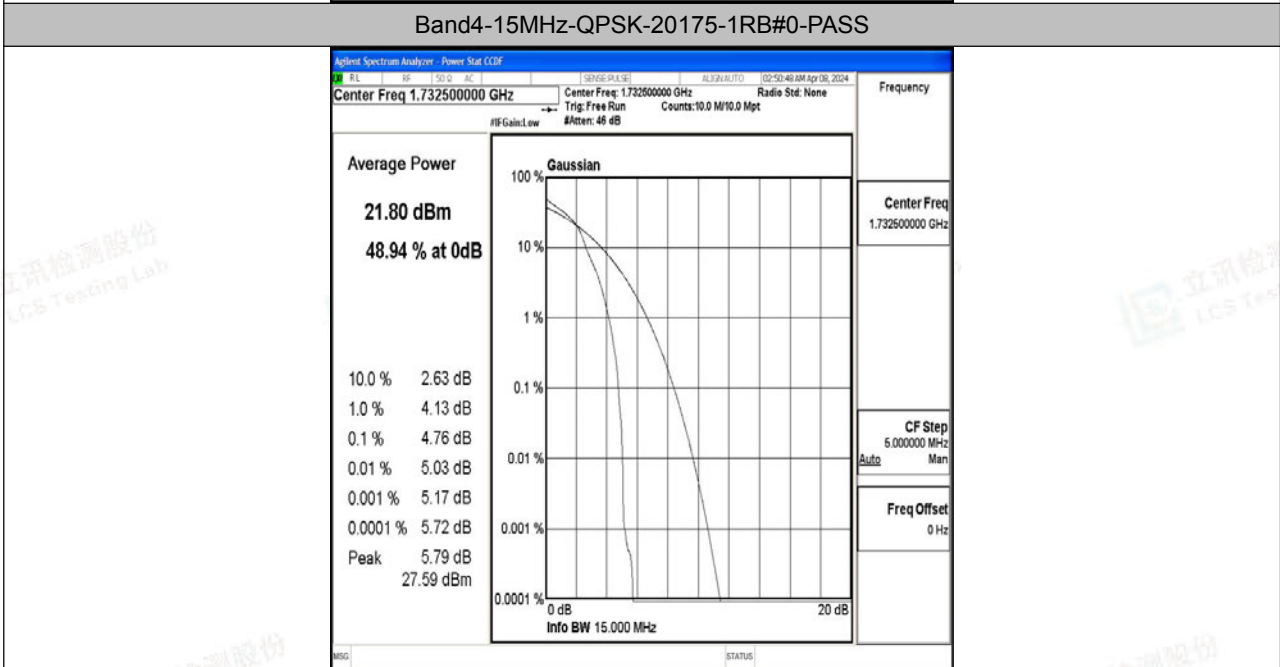
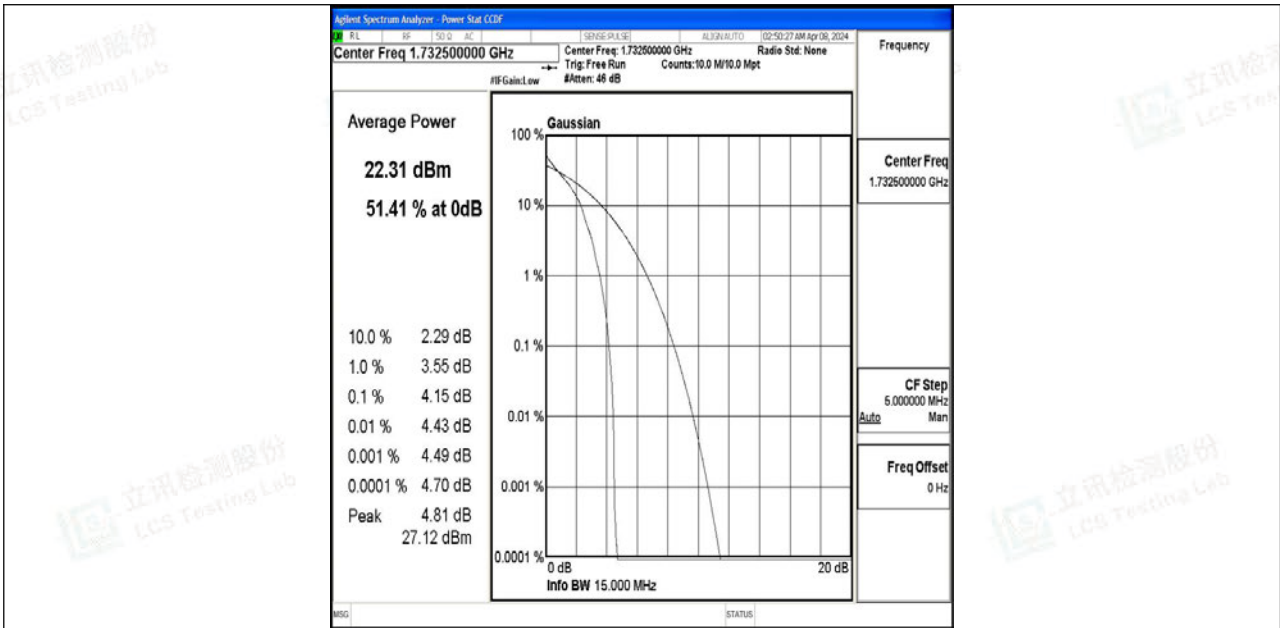


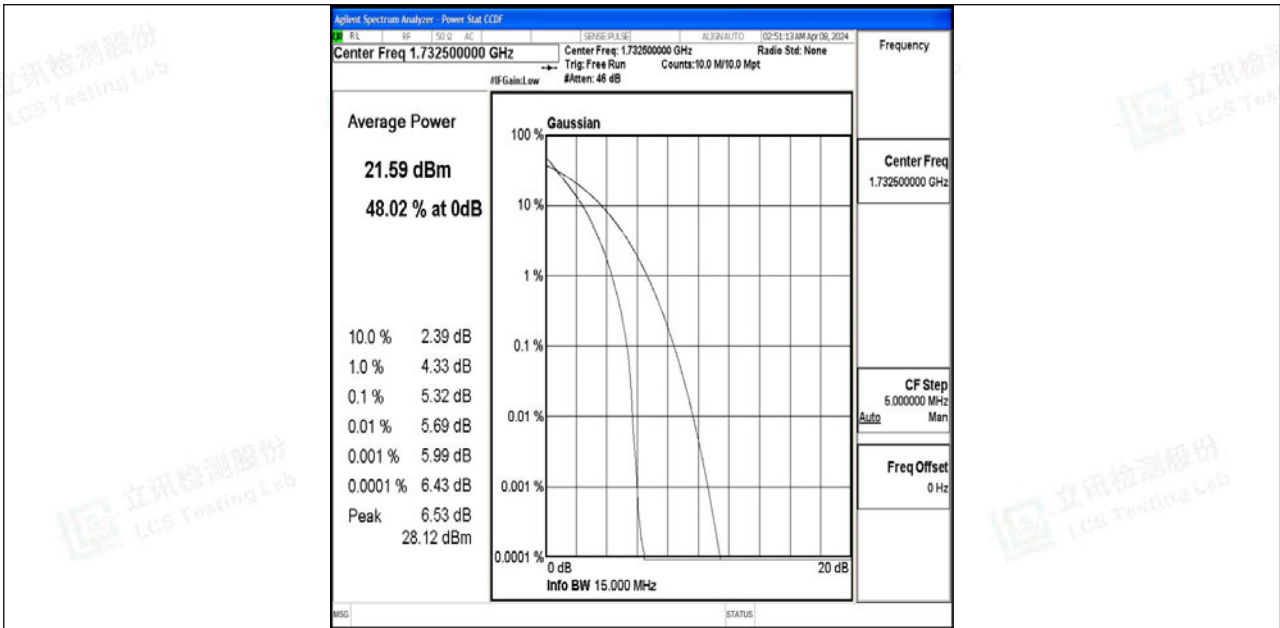
Band4-15MHz-QPSK-20025-75RB#0-PASS



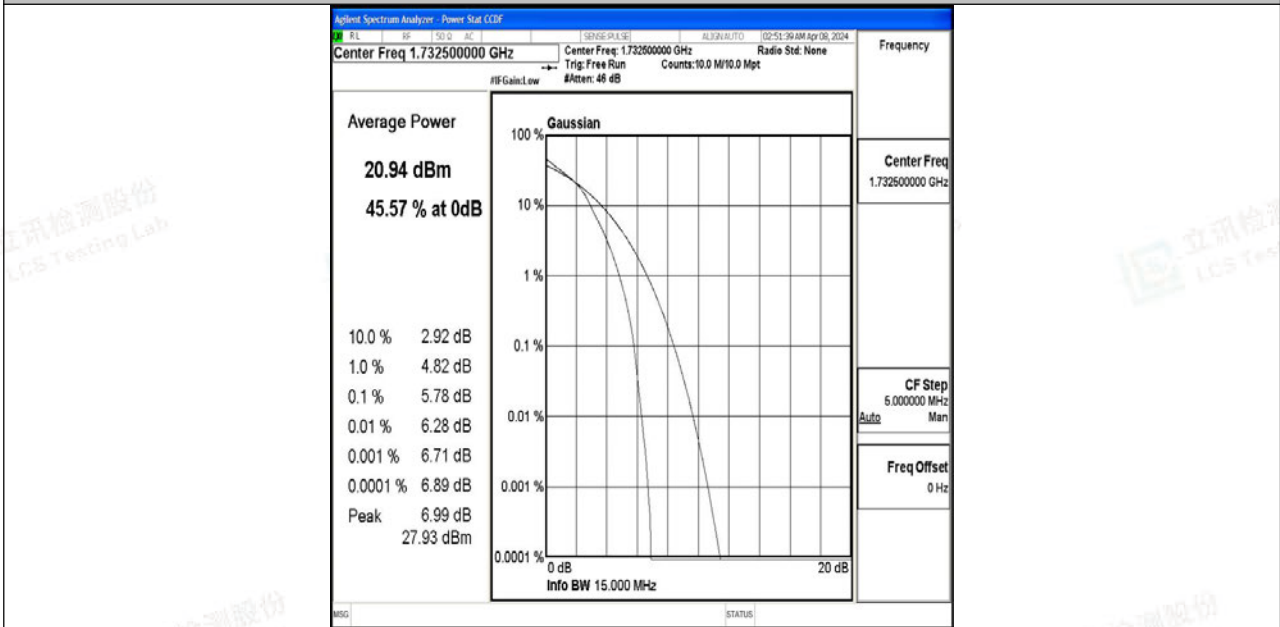
Band4-15MHz-64QAM-20025-75RB#0-PASS





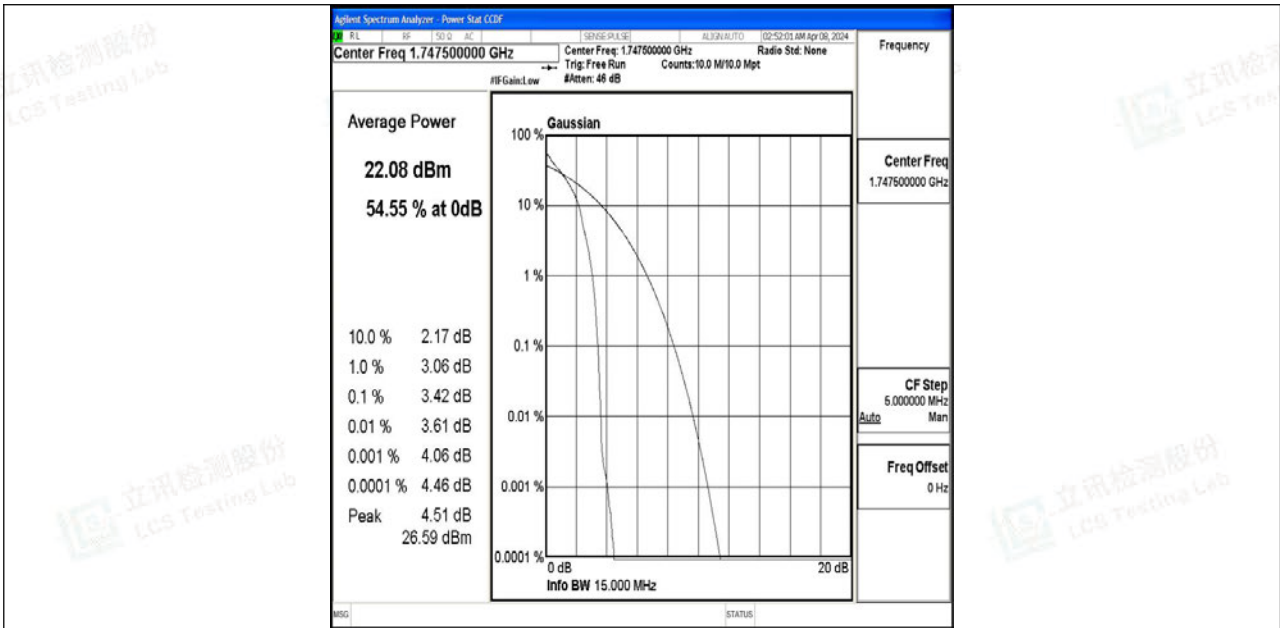


Band4-15MHz-QPSK-20175-75RB#0-PASS

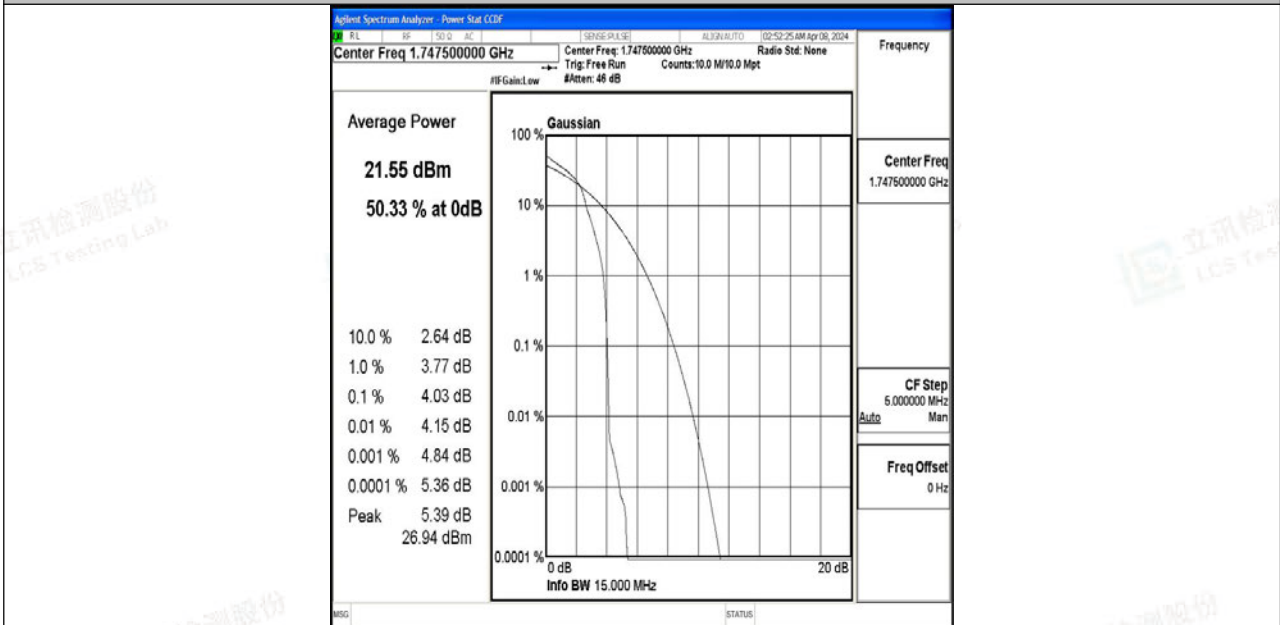


Band4-15MHz-64QAM-20175-75RB#0-PASS





Band4-15MHz-QPSK-20325-1RB#0-PASS



Band4-15MHz-64QAM-20325-1RB#0-PASS

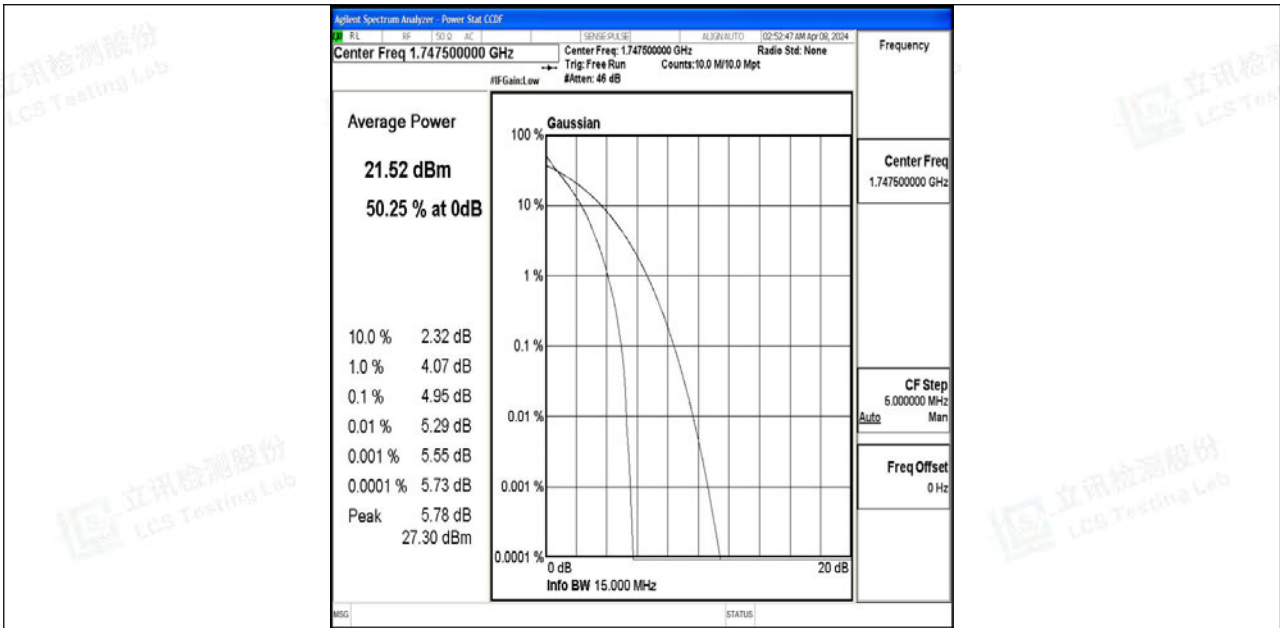


Shenzhen LCS Compliance Testing Laboratory Ltd.

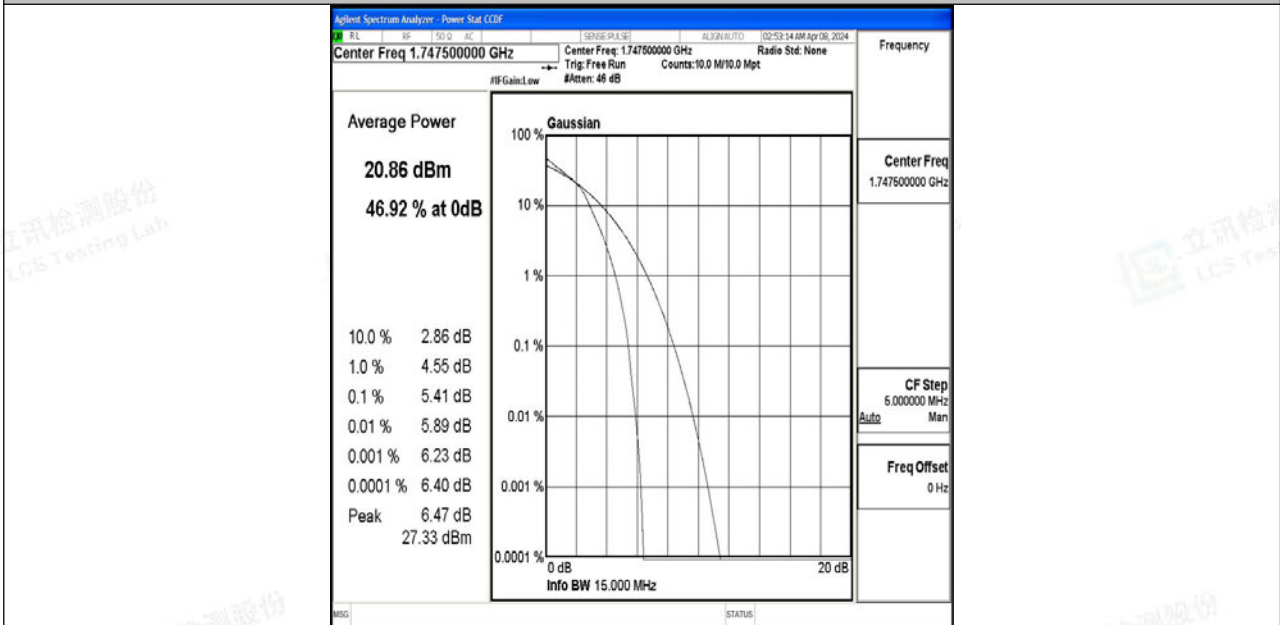
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity

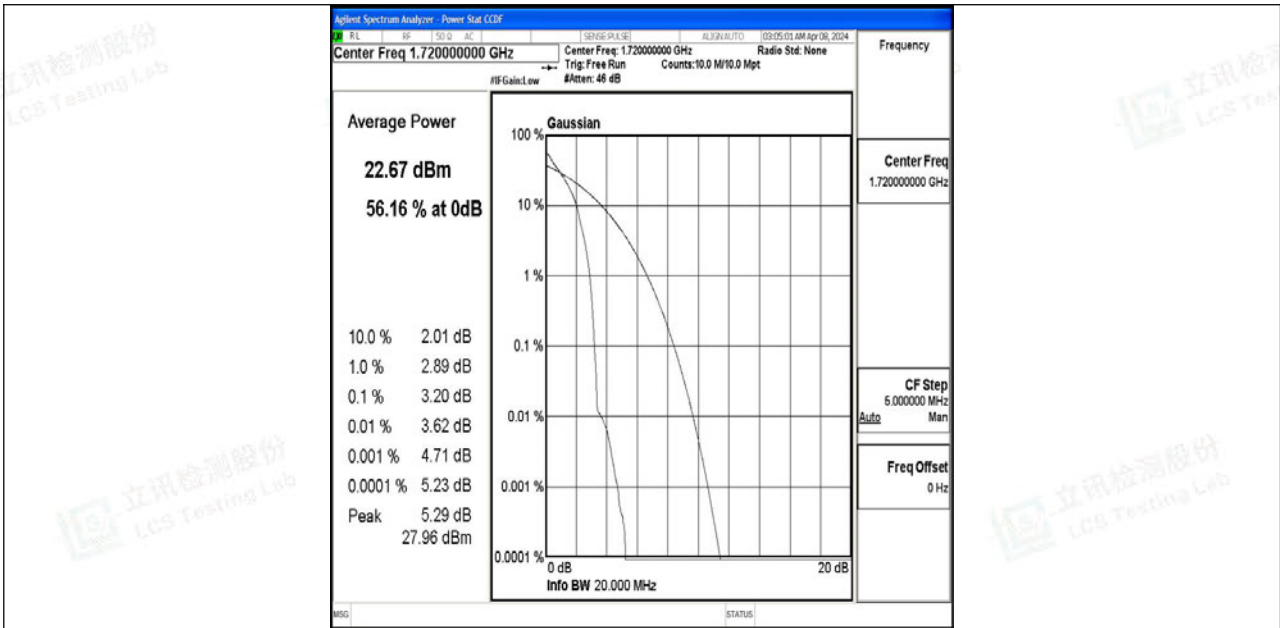


Band4-15MHz-QPSK-20325-75RB#0-PASS

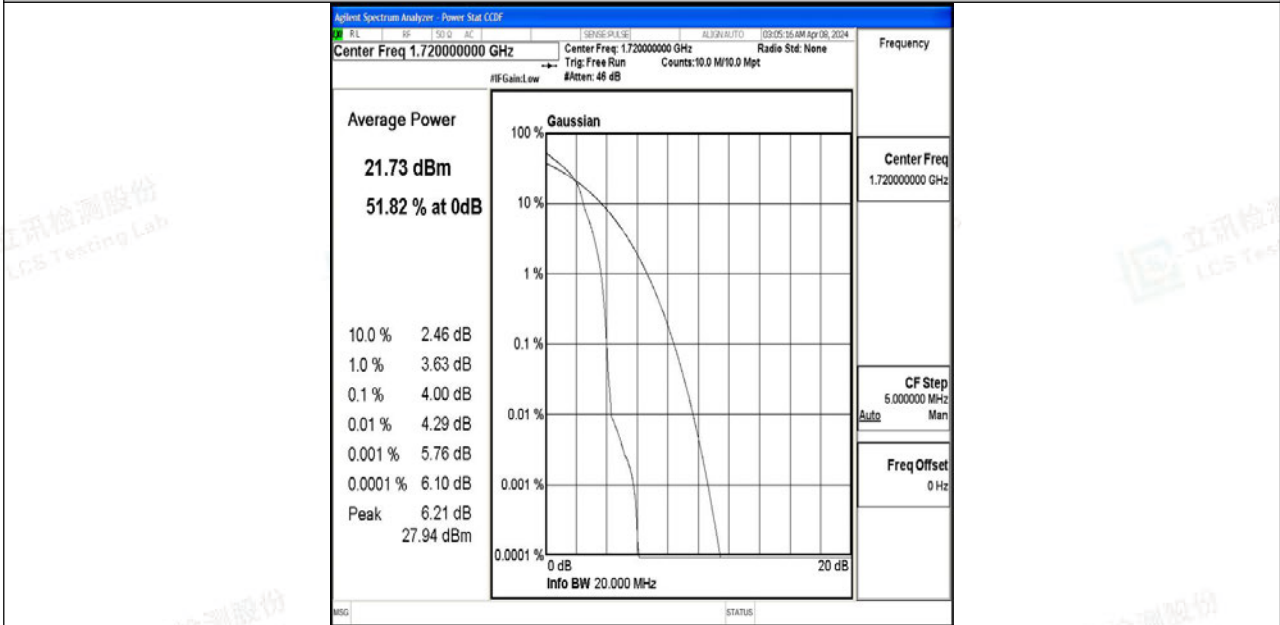


Band4-15MHz-64QAM-20325-75RB#0-PASS



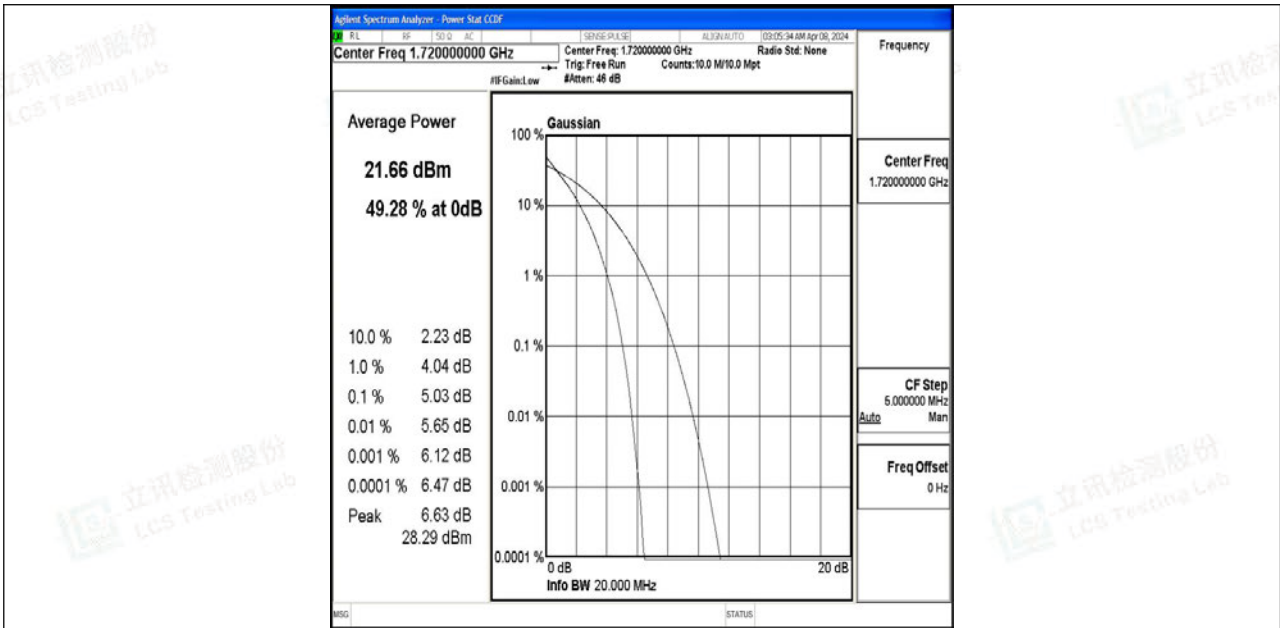


Band4-20MHz-QPSK-20050-1RB#0-PASS

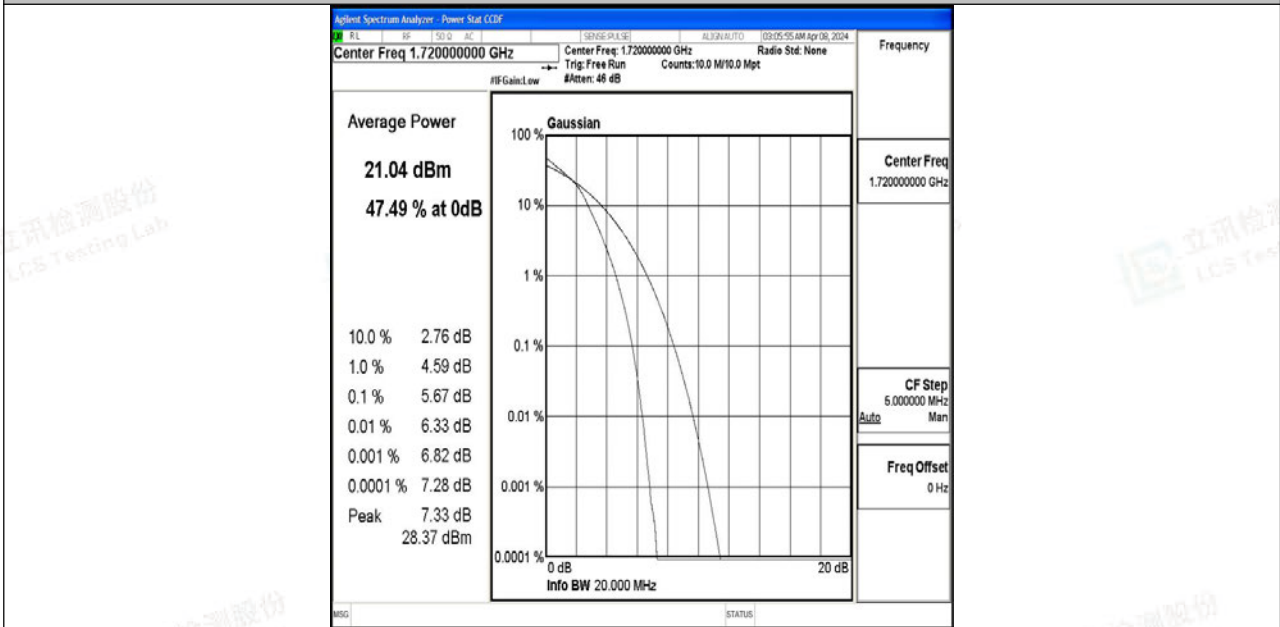


Band4-20MHz-64QAM-20050-1RB#0-PASS





Band4-20MHz-QPSK-20050-100RB#0-PASS



Band4-20MHz-64QAM-20050-100RB#0-PASS

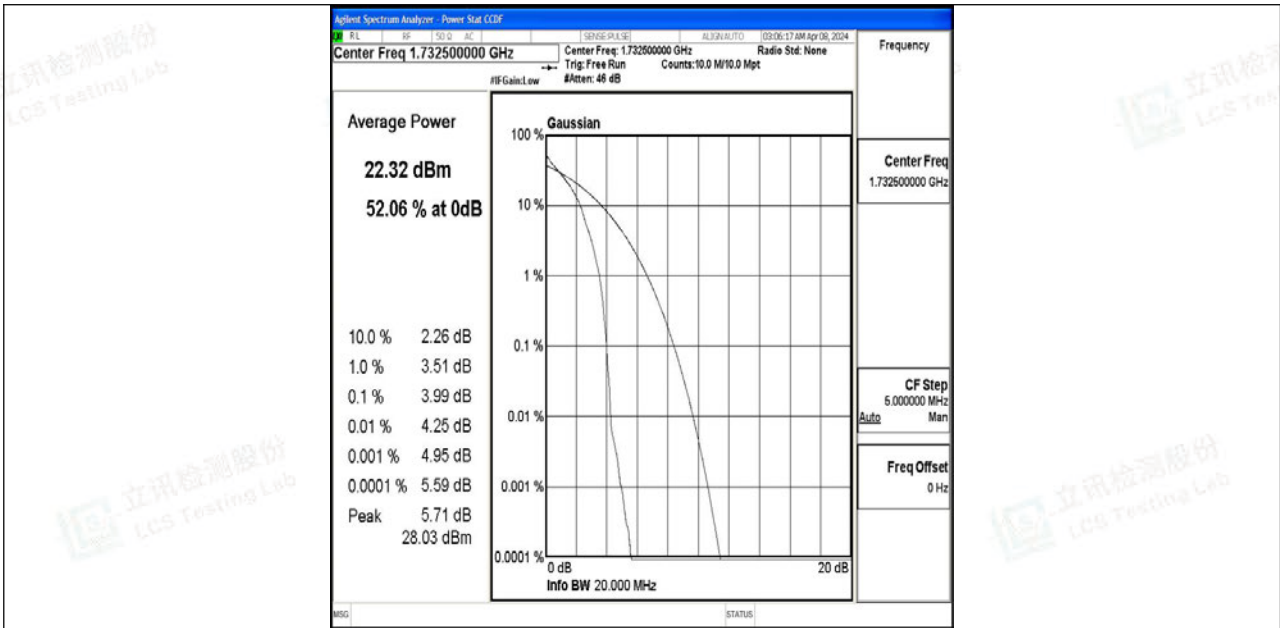


Shenzhen LCS Compliance Testing Laboratory Ltd.

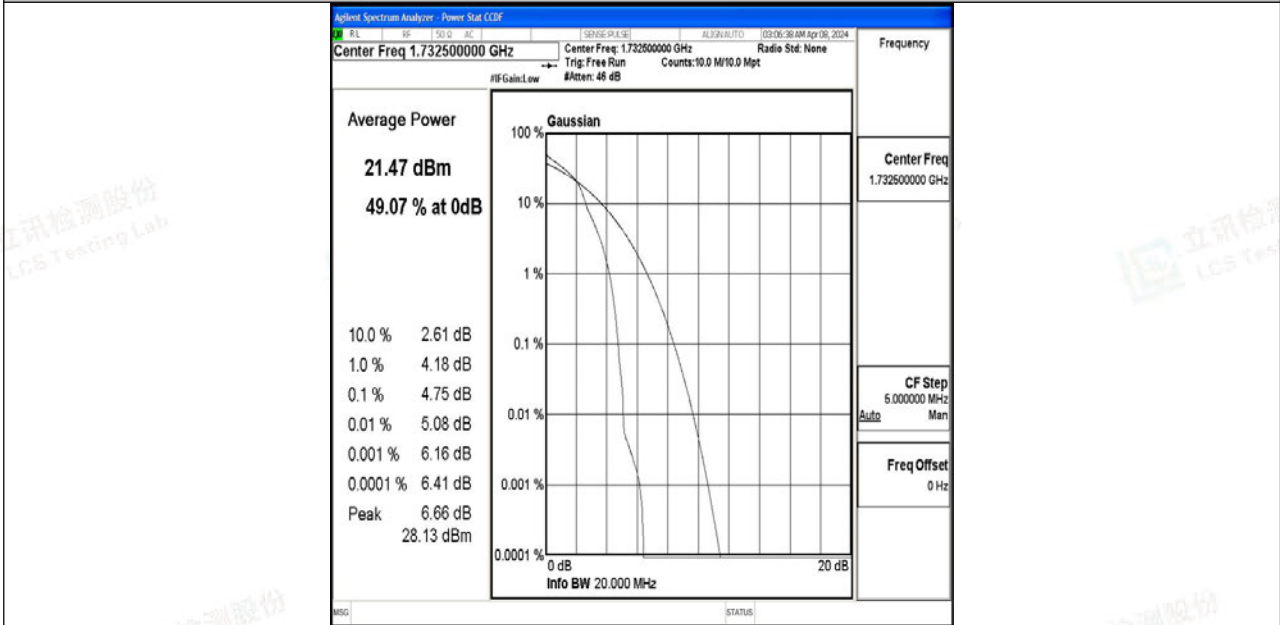
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



Band4-20MHz-QPSK-20175-1RB#0-PASS



Band4-20MHz-64QAM-20175-1RB#0-PASS

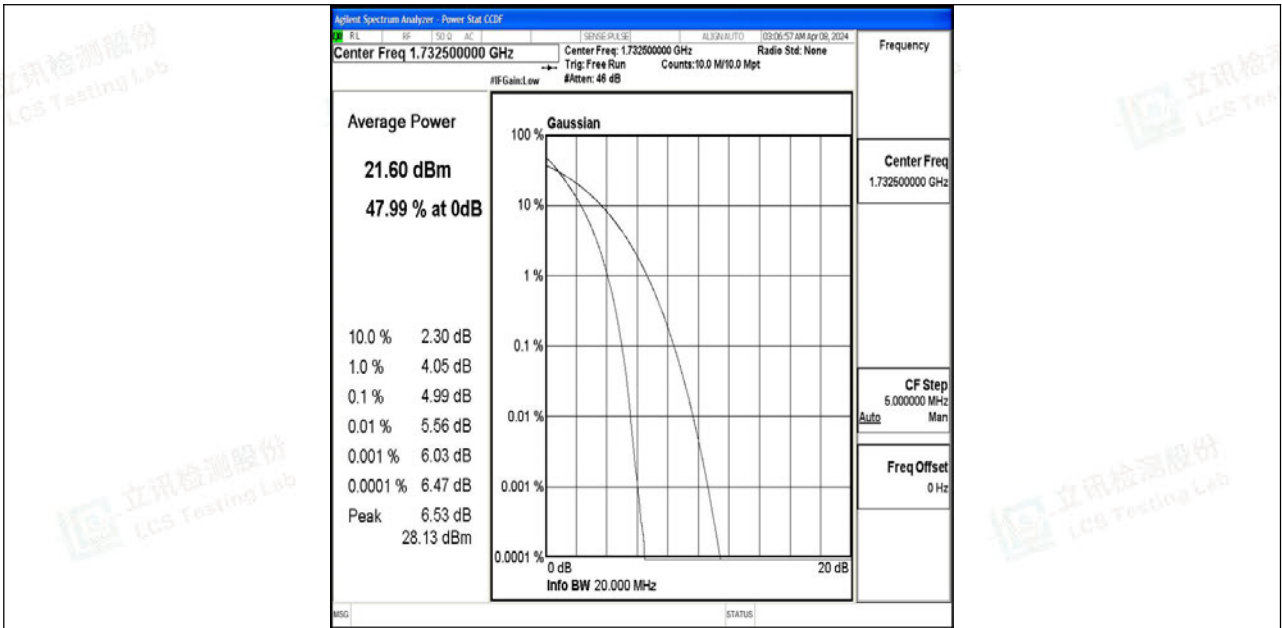


Shenzhen LCS Compliance Testing Laboratory Ltd.

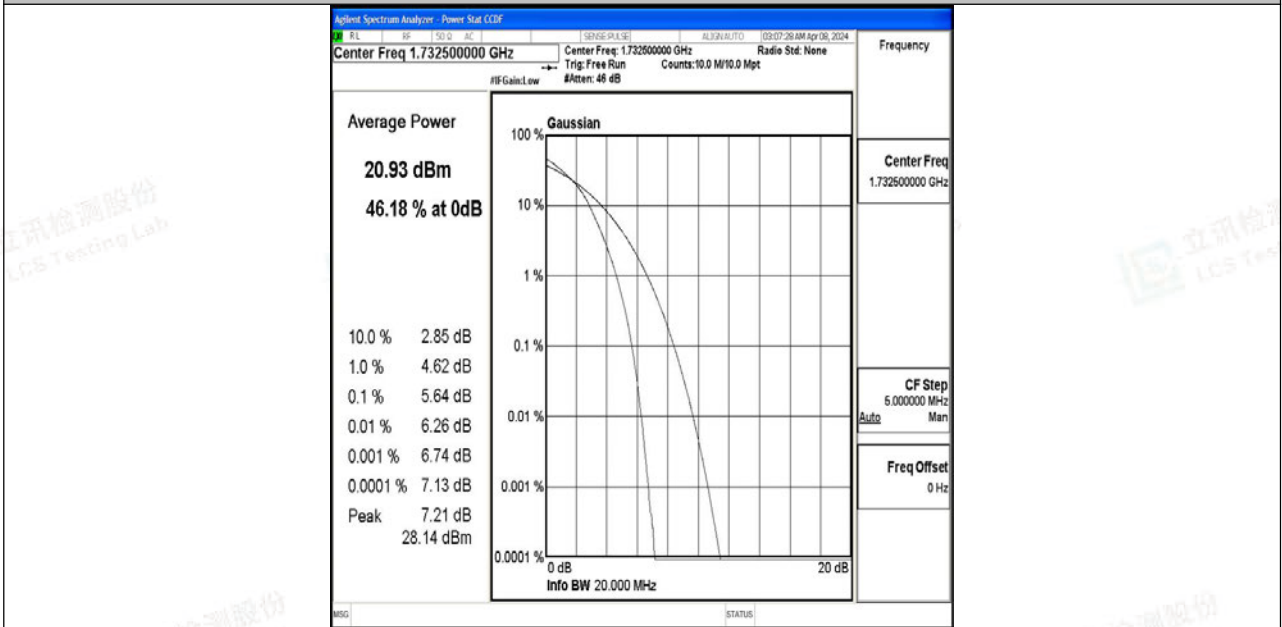
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



Band4-20MHz-QPSK-20175-100RB#0-PASS



Band4-20MHz-64QAM-20175-100RB#0-PASS

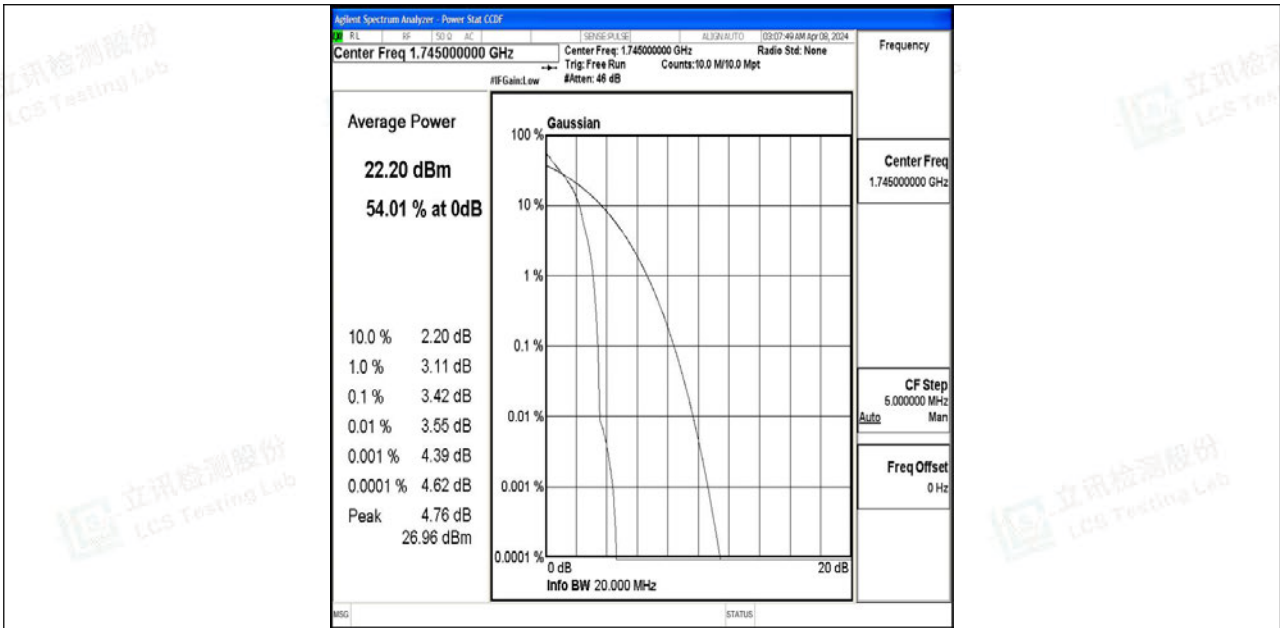


Shenzhen LCS Compliance Testing Laboratory Ltd.

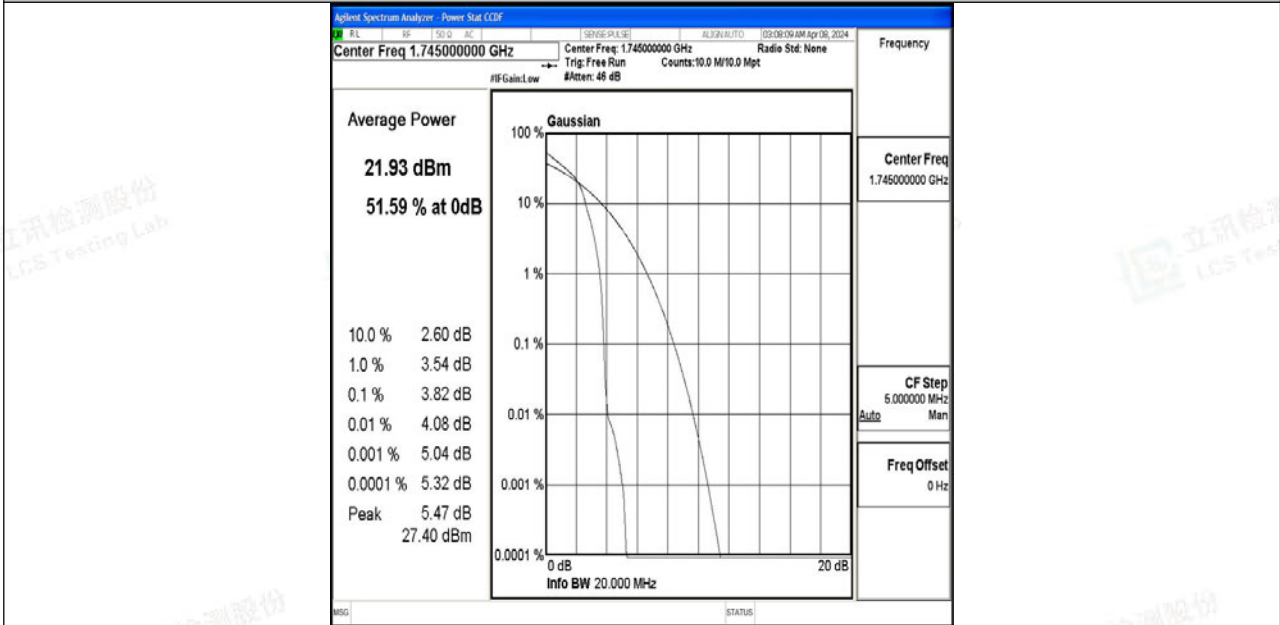
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



Band4-20MHz-QPSK-20300-1RB#0-PASS



Band4-20MHz-64QAM-20300-1RB#0-PASS

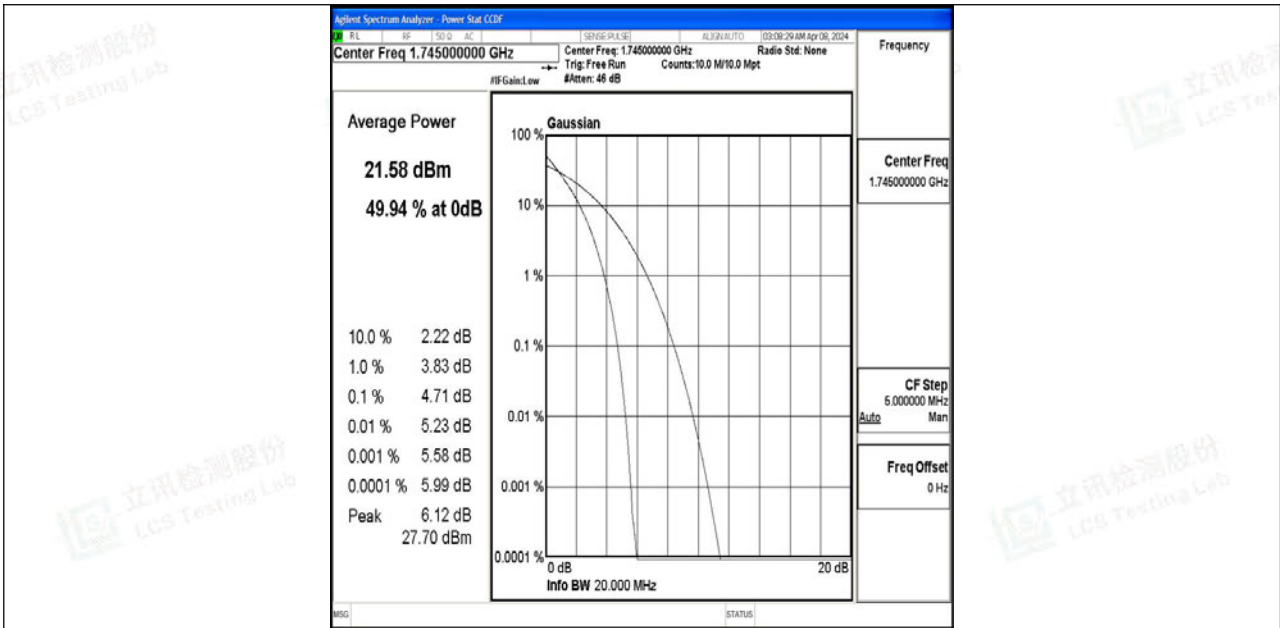


Shenzhen LCS Compliance Testing Laboratory Ltd.

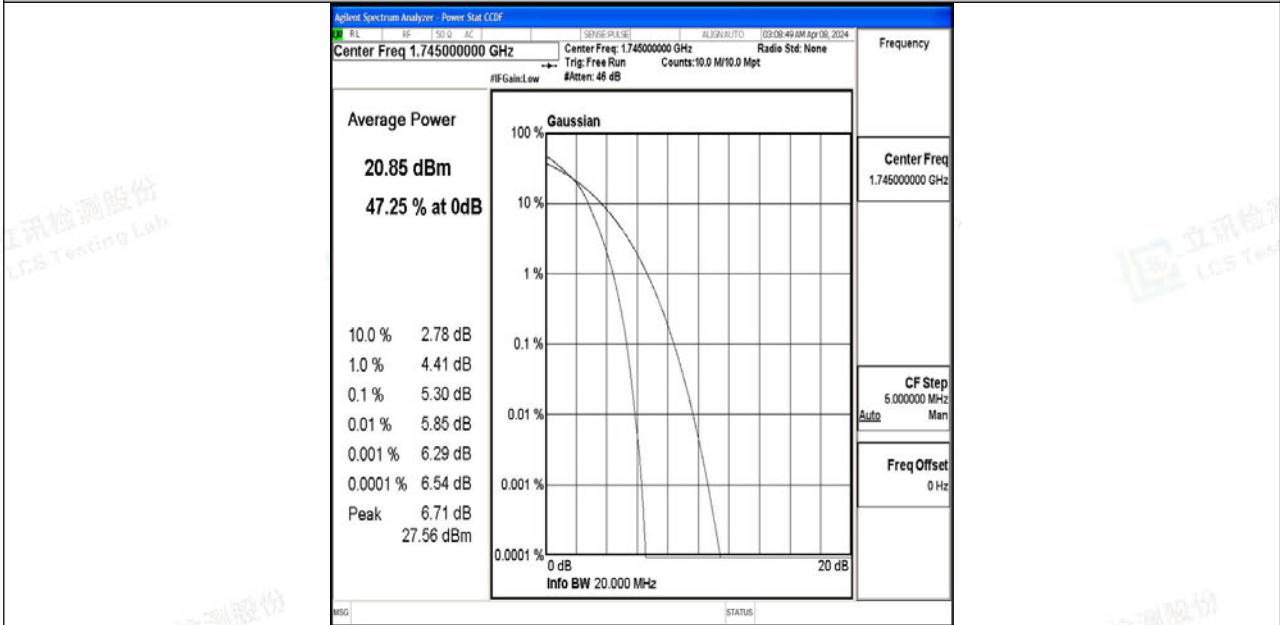
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



Band4-20MHz-QPSK-20300-100RB#0-PASS



Band4-20MHz-64QAM-20300-100RB#0-PASS





B.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	1.0959	1.367	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	1.1075	1.380	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0949	1.425	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.1044	1.378	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0972	1.451	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.1078	1.378	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7223	3.182	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.7098	3.099	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7110	3.223	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.7044	3.113	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7243	3.078	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.7037	3.099	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5310	5.452	PASS
Band4	5MHz	64QAM	19975	25RB#0	4.5275	5.415	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5306	5.369	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.5312	5.278	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5350	5.355	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.5346	5.290	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0117	10.13	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.9987	10.26	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9991	10.12	PASS
Band4	10MHz	64QAM	20175	50RB#0	8.9923	10.02	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0346	10.41	PASS
Band4	10MHz	64QAM	20350	50RB#0	9.0186	10.94	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.530	15.40	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.509	15.40	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.529	14.95	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.516	14.95	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.513	15.75	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.518	14.98	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.043	19.99	PASS
Band4	20MHz	64QAM	20050	100RB#0	18.099	20.13	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.030	20.21	PASS
Band4	20MHz	64QAM	20175	100RB#0	18.042	20.01	PASS



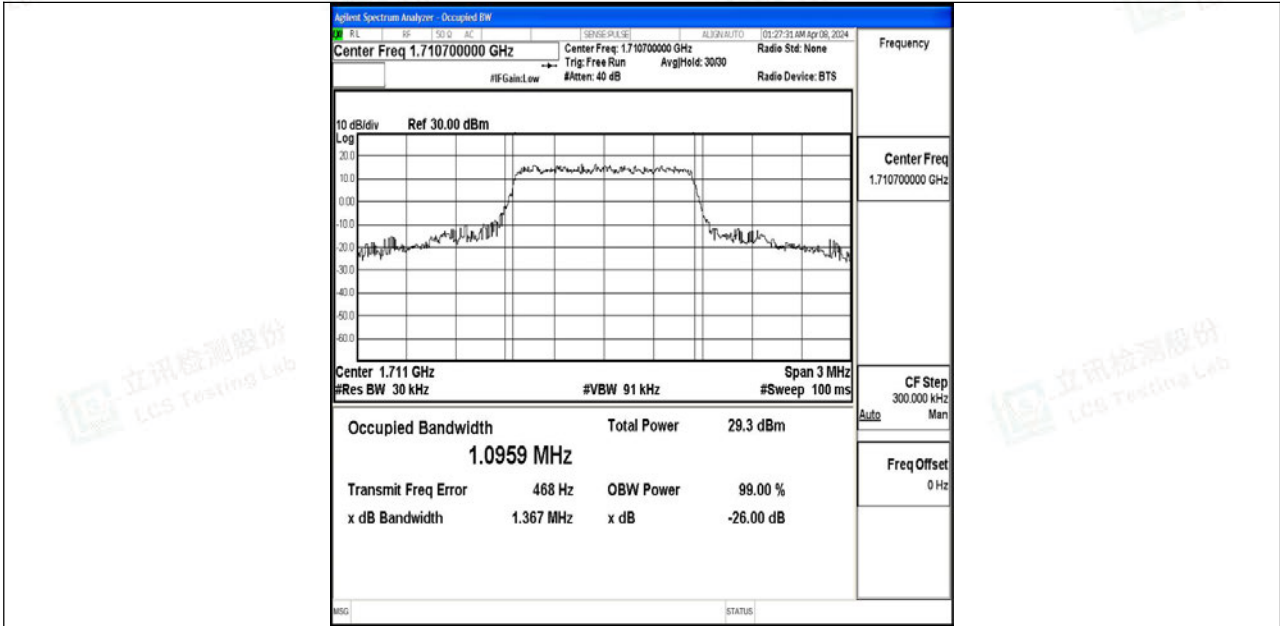


Band4	20MHz	QPSK	20300	100RB#0	18.004	20.53	PASS
Band4	20MHz	64QAM	20300	100RB#0	18.042	20.15	PASS

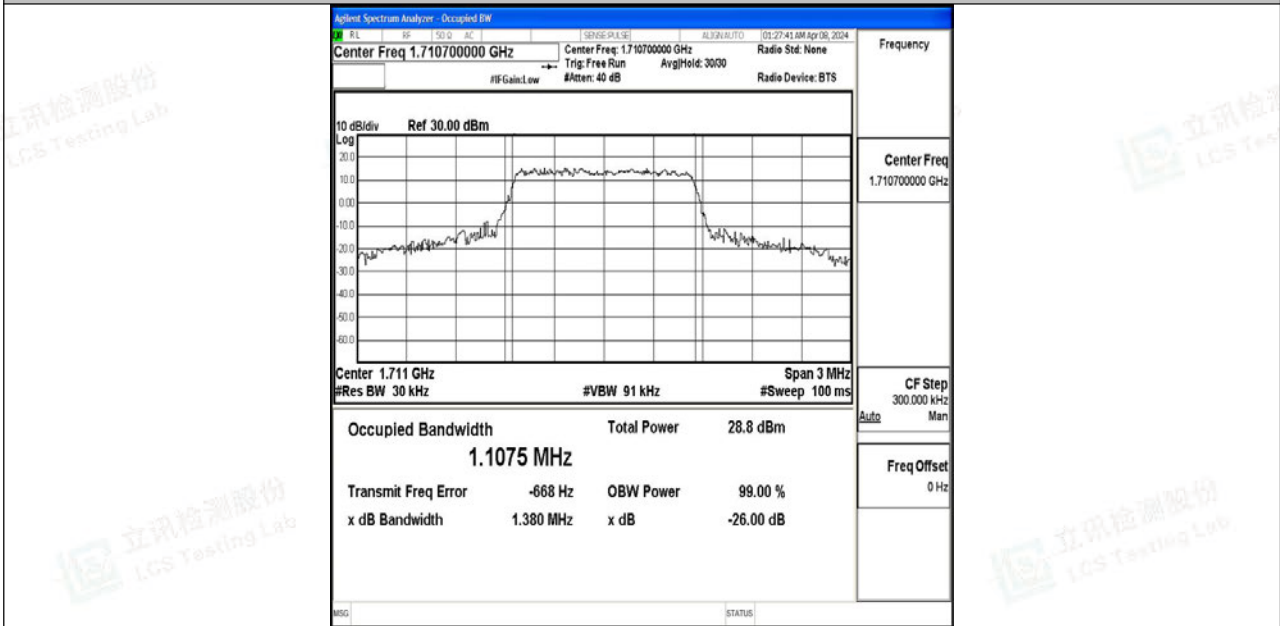




Test Graphs



Band4-1.4MHz-QPSK-19957-6RB#0-PASS



Band4-1.4MHz-64QAM-19957-6RB#0-PASS

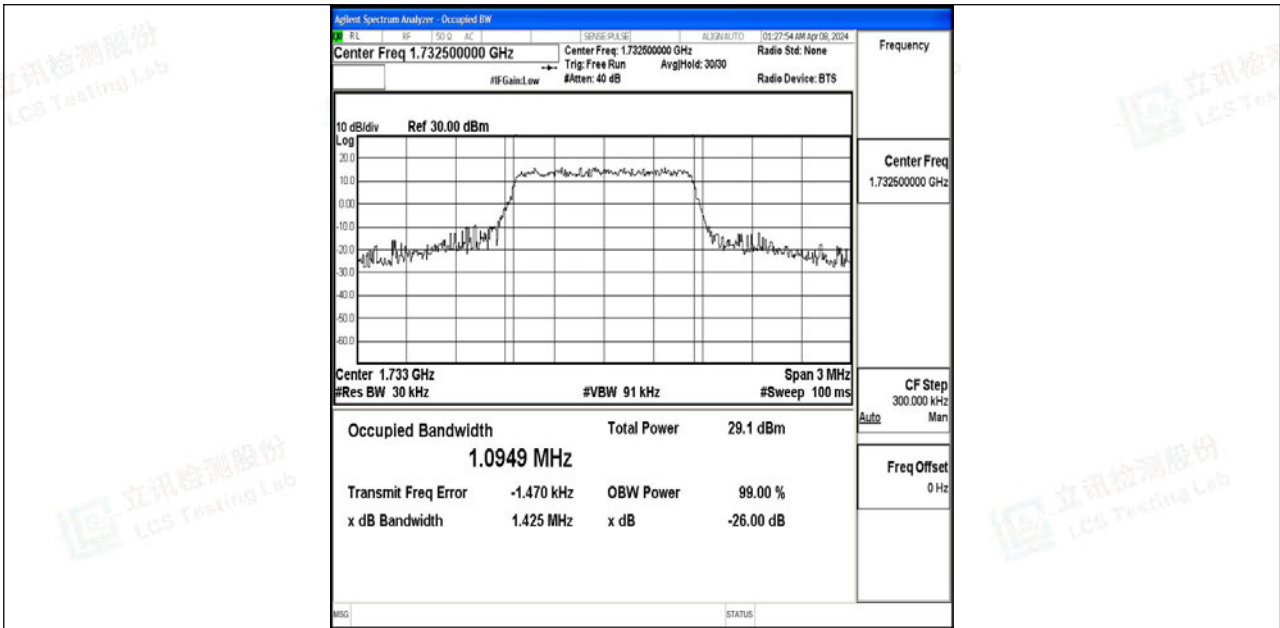


Shenzhen LCS Compliance Testing Laboratory Ltd.

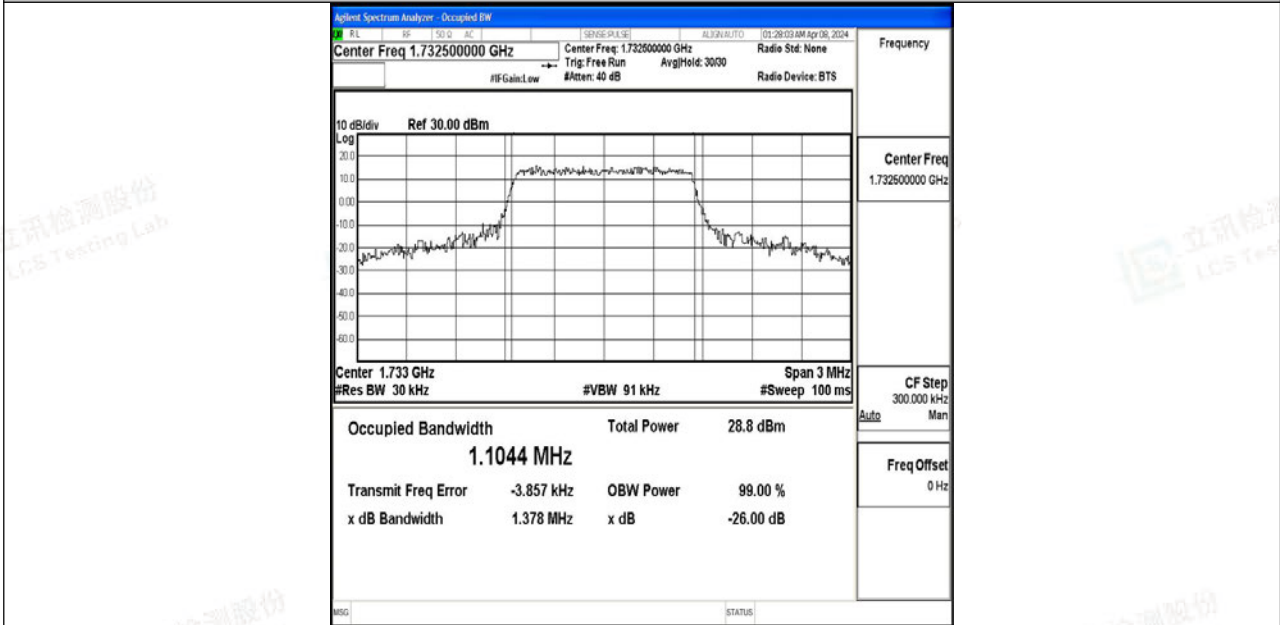
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



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



Band4-1.4MHz-64QAM-20175-6RB#0-PASS

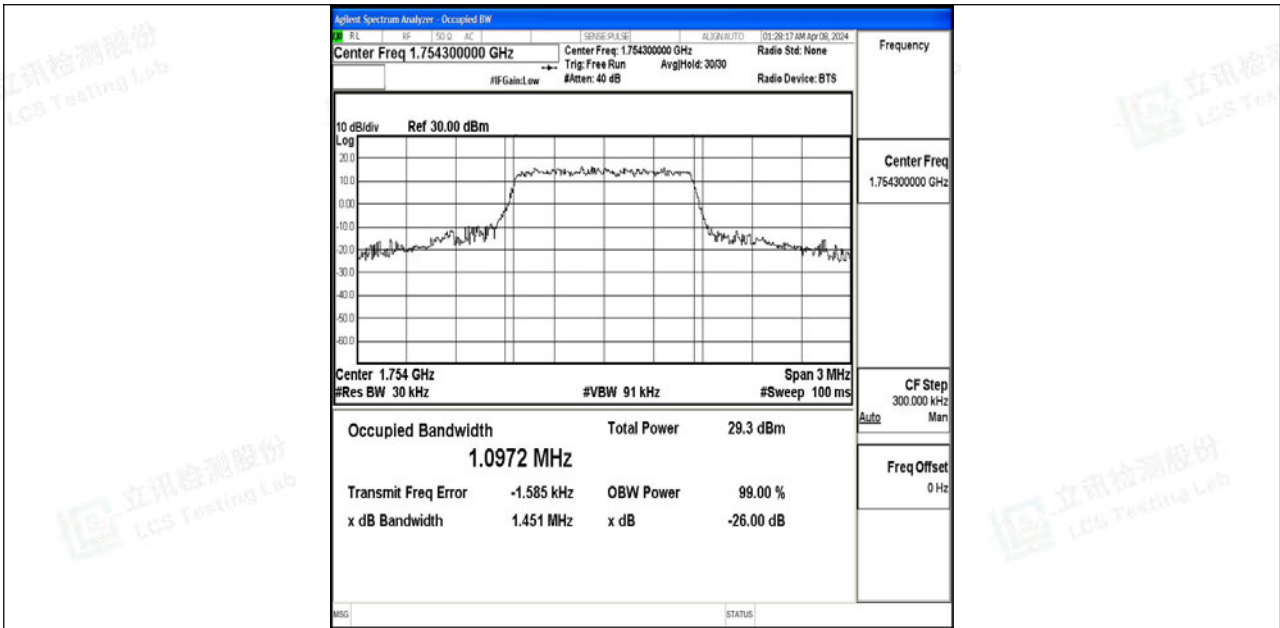


Shenzhen LCS Compliance Testing Laboratory Ltd.

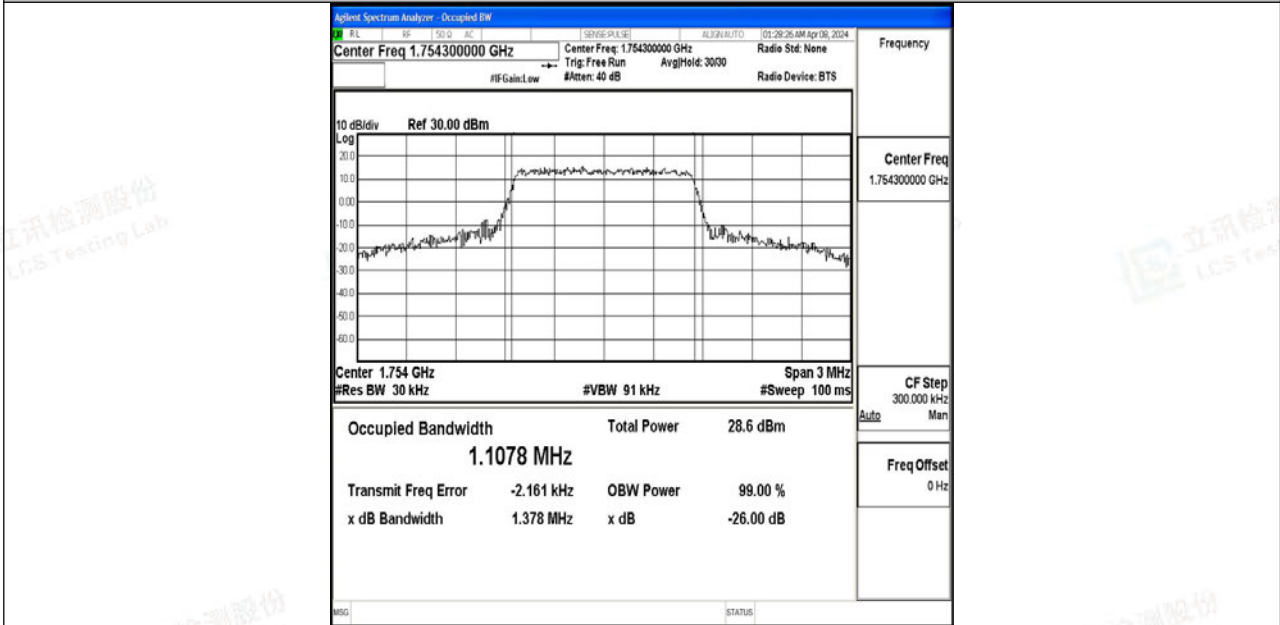
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



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



Band4-1.4MHz-64QAM-20393-6RB#0-PASS

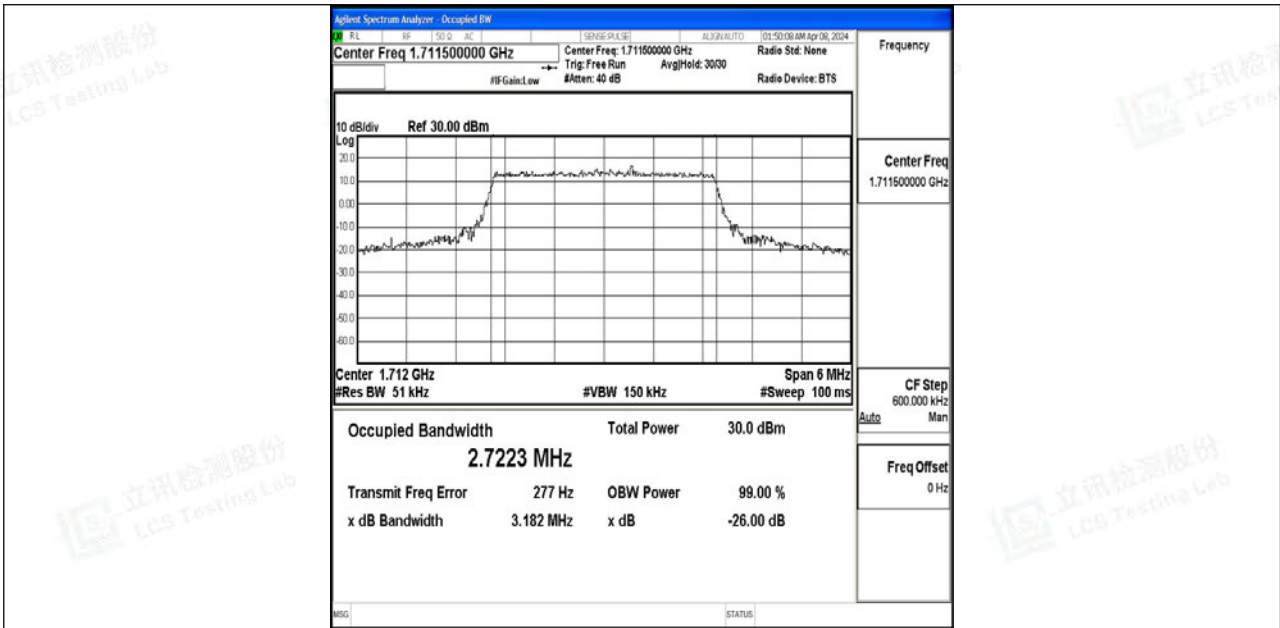


Shenzhen LCS Compliance Testing Laboratory Ltd.

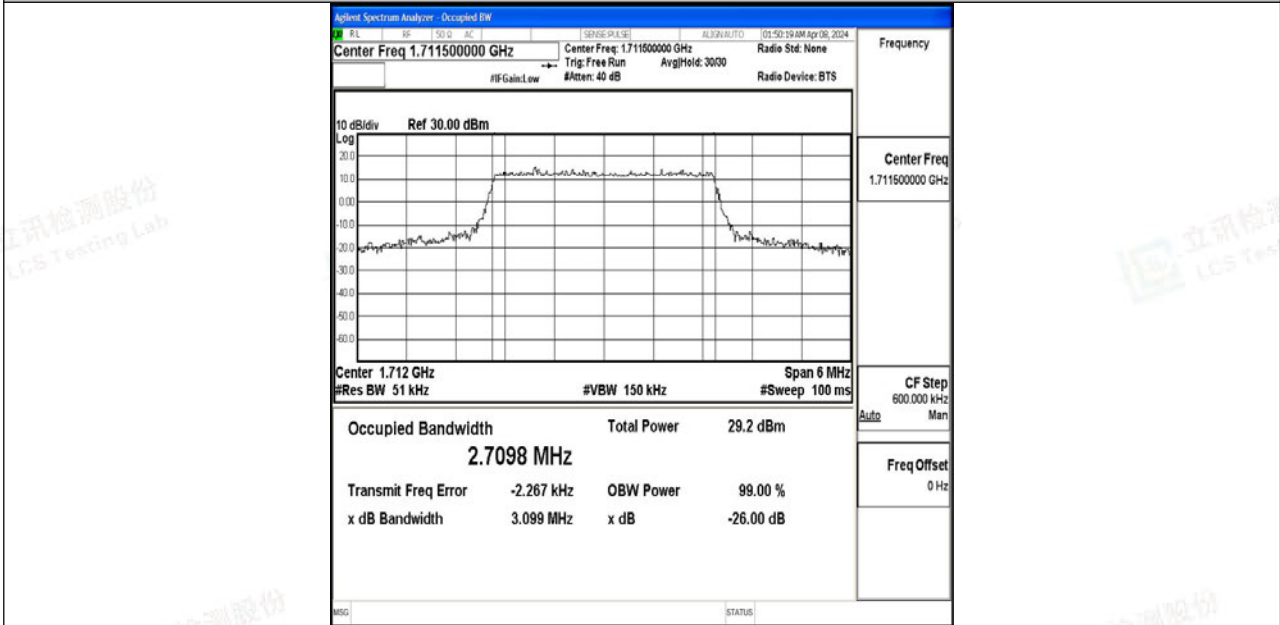
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



Band4-3MHz-QPSK-19965-15RB#0-PASS



Band4-3MHz-64QAM-19965-15RB#0-PASS

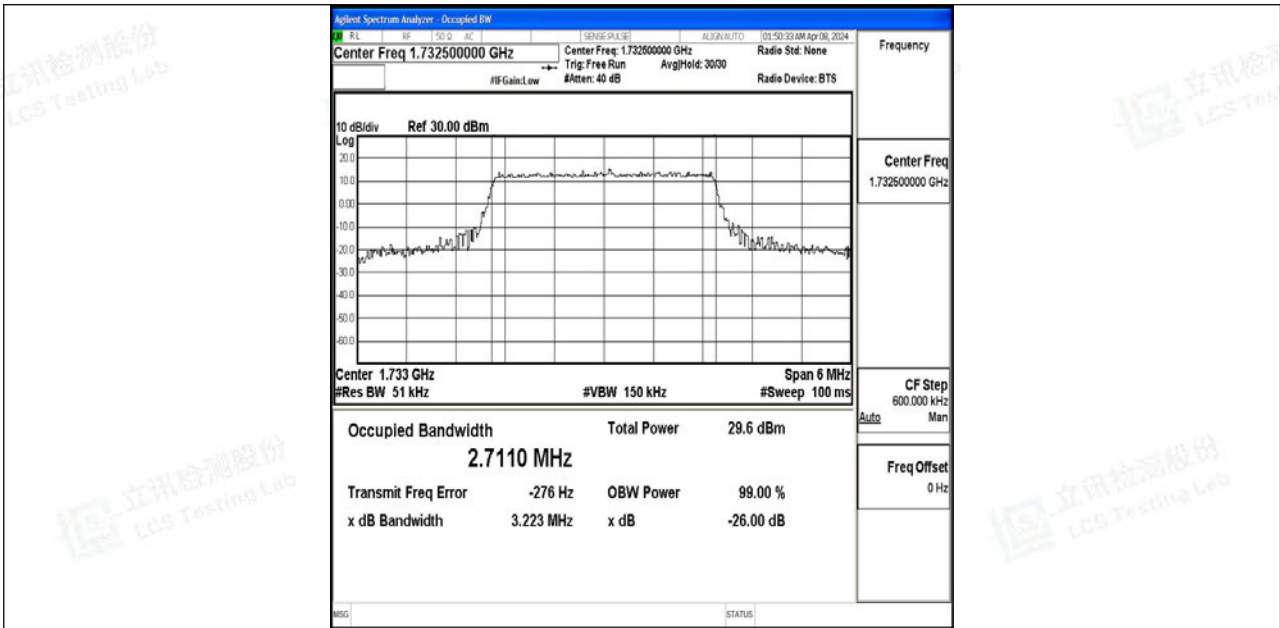


Shenzhen LCS Compliance Testing Laboratory Ltd.

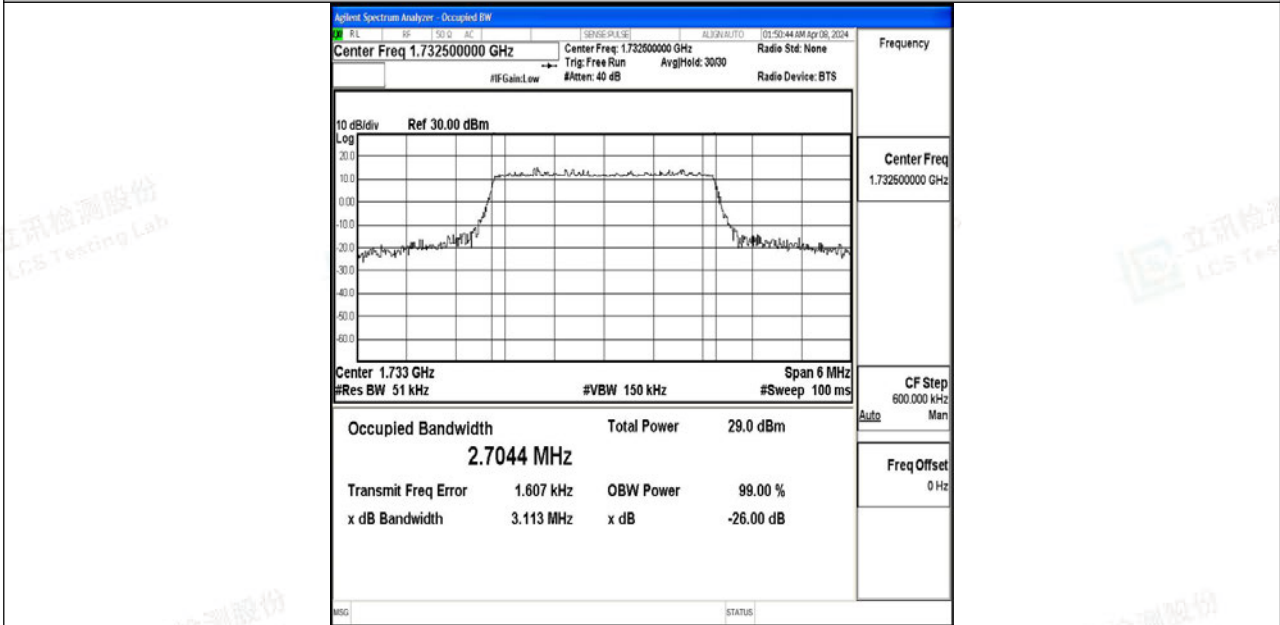
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



Band4-3MHz-QPSK-20175-15RB#0-PASS



Band4-3MHz-64QAM-20175-15RB#0-PASS

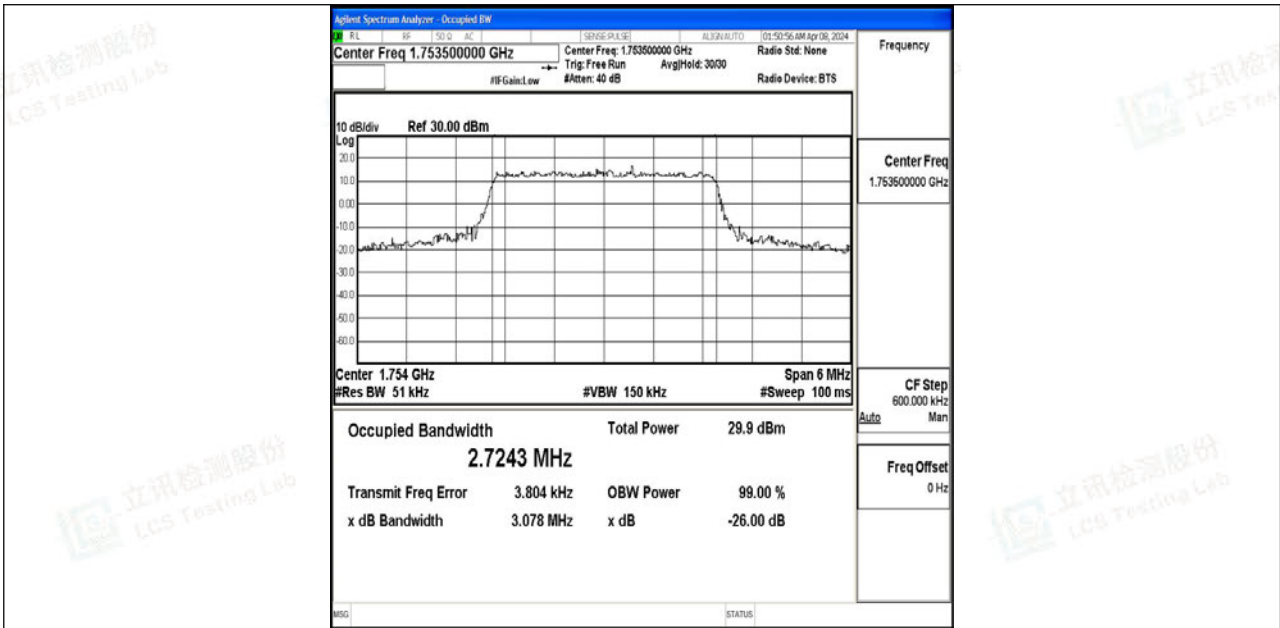


Shenzhen LCS Compliance Testing Laboratory Ltd.

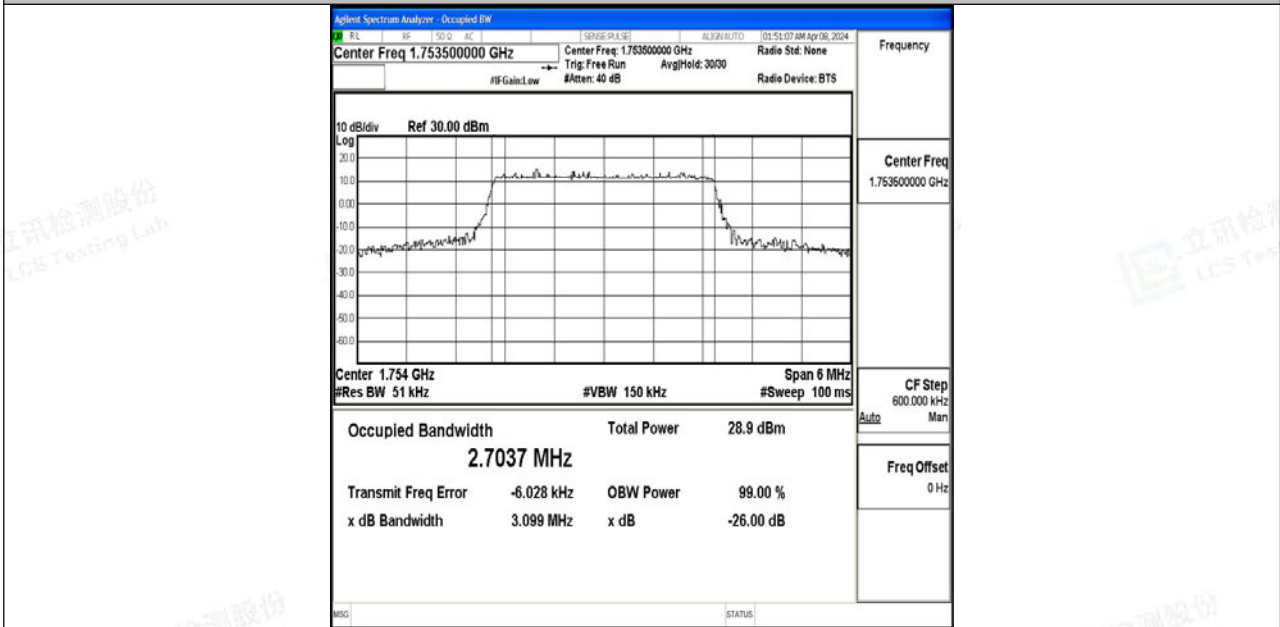
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



Band4-3MHz-QPSK-20385-15RB#0-PASS



Band4-3MHz-64QAM-20385-15RB#0-PASS

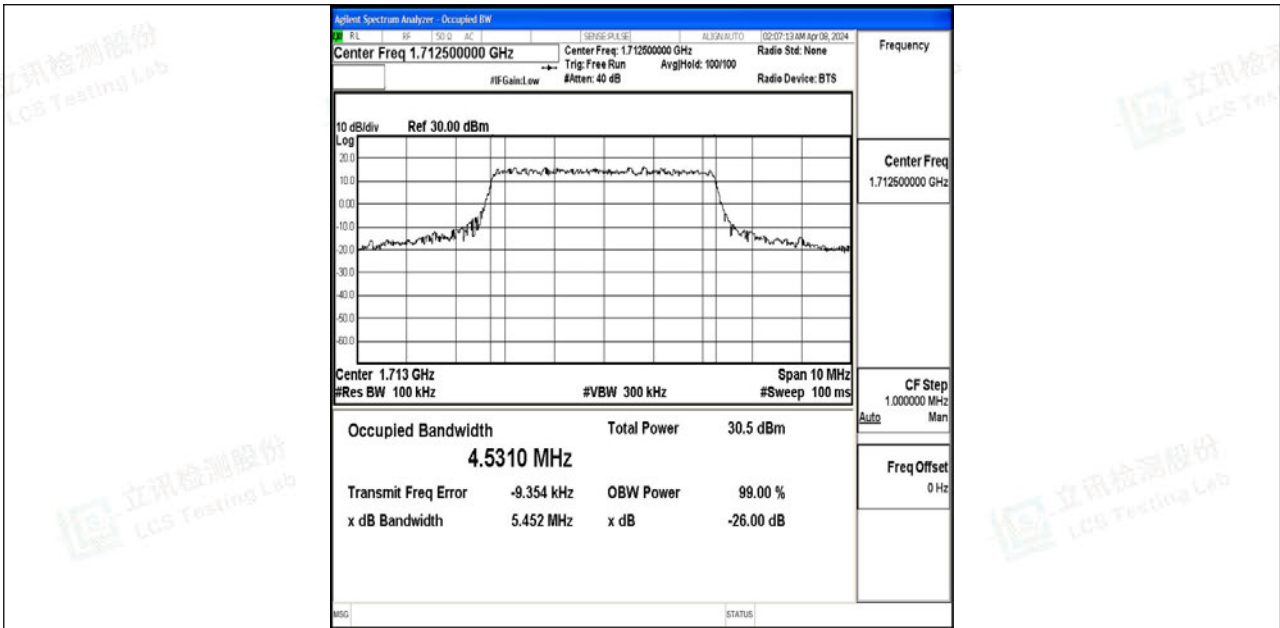


Shenzhen LCS Compliance Testing Laboratory Ltd.

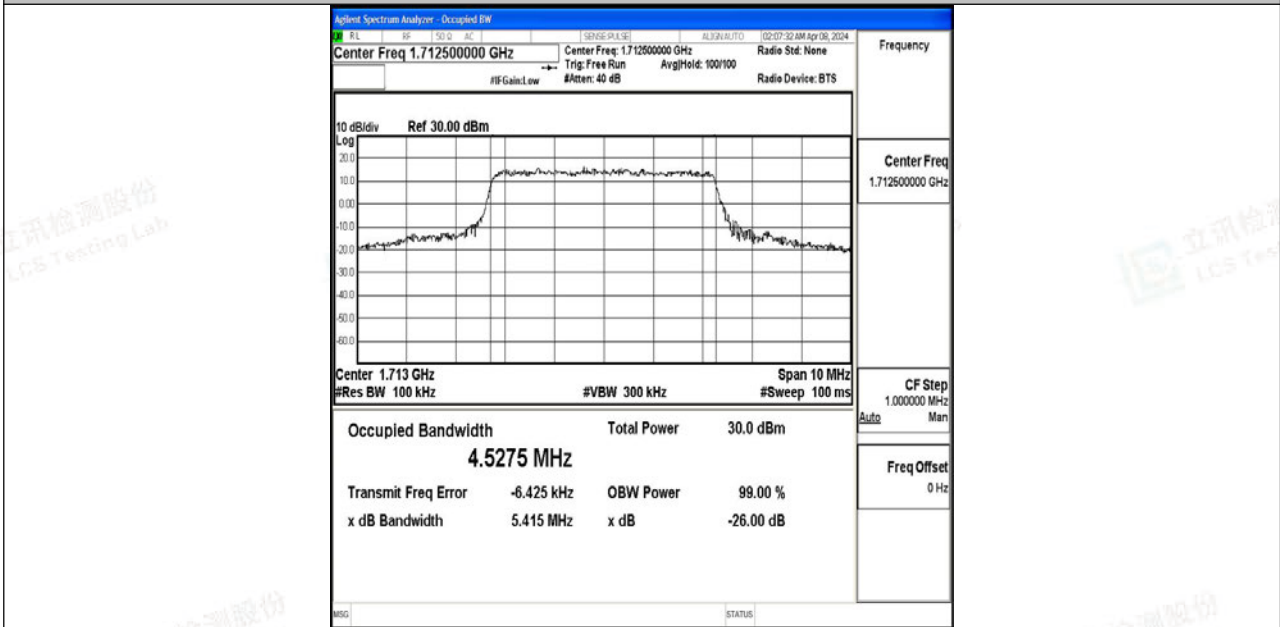
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



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



Band4-5MHz-64QAM-19975-25RB#0-PASS

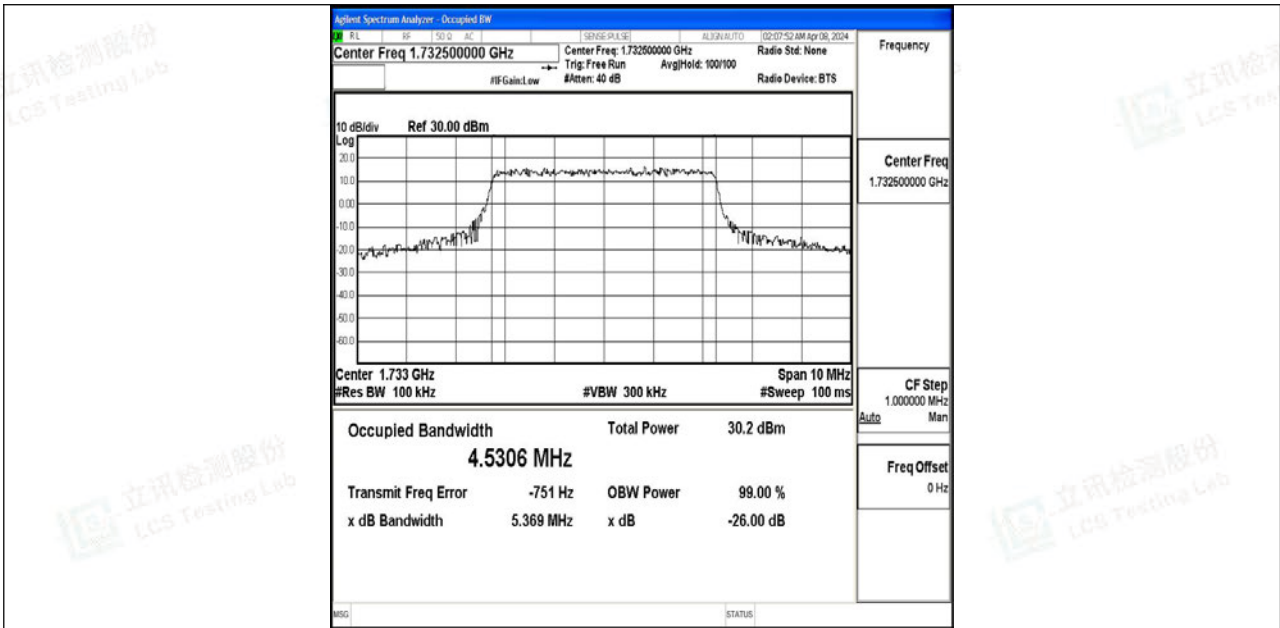


Shenzhen LCS Compliance Testing Laboratory Ltd.

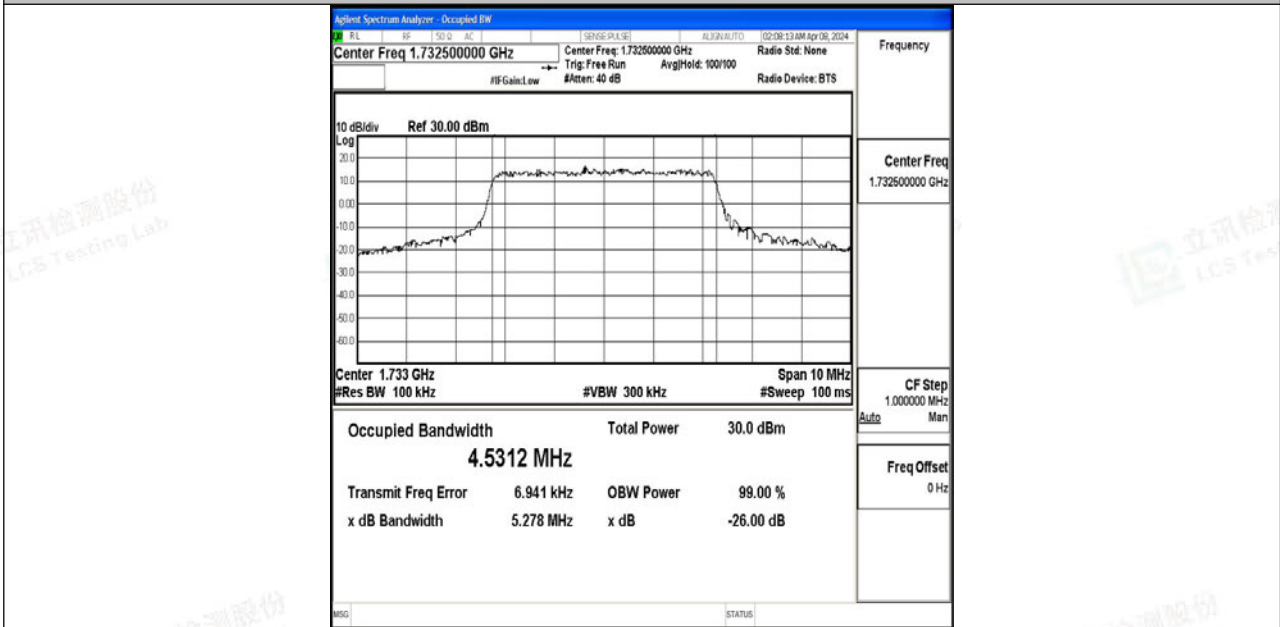
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



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



Band4-5MHz-64QAM-20175-25RB#0-PASS

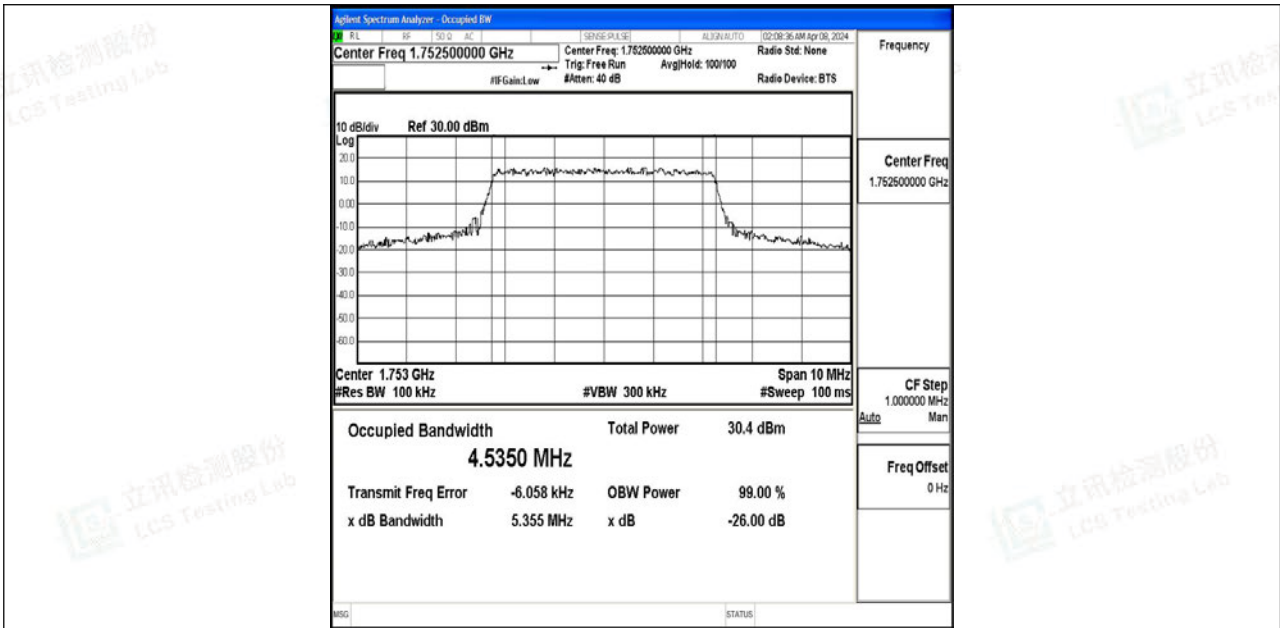


Shenzhen LCS Compliance Testing Laboratory Ltd.

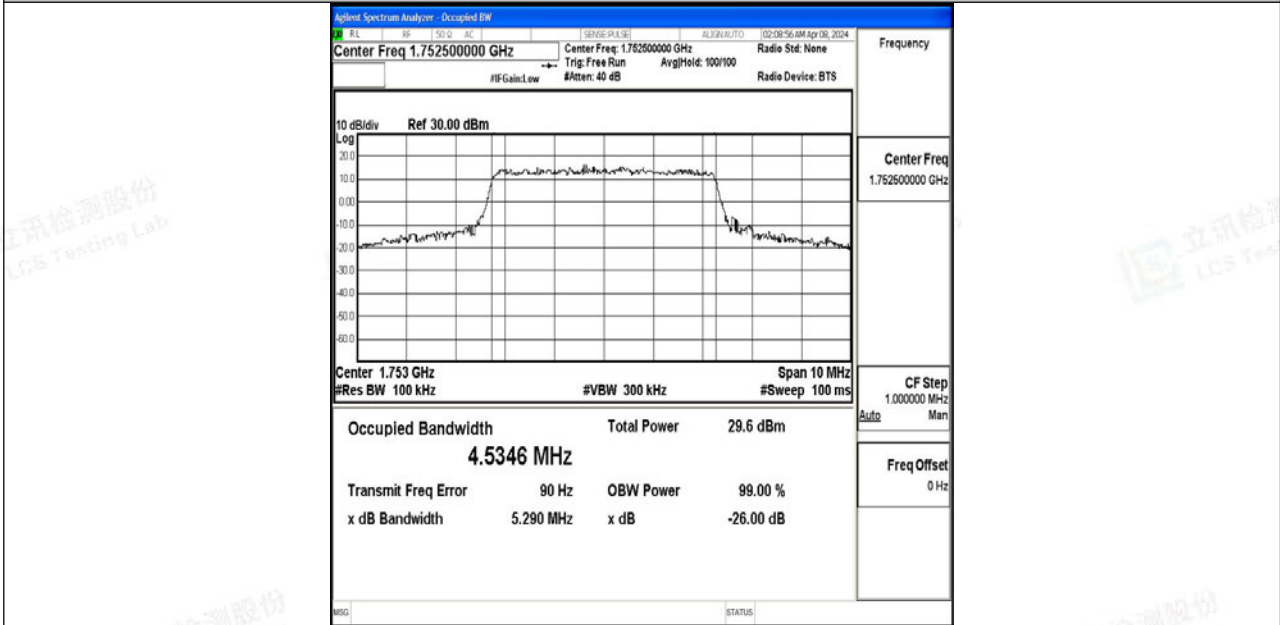
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



Band4-5MHz-QPSK-20375-25RB#0-PASS



Band4-5MHz-64QAM-20375-25RB#0-PASS

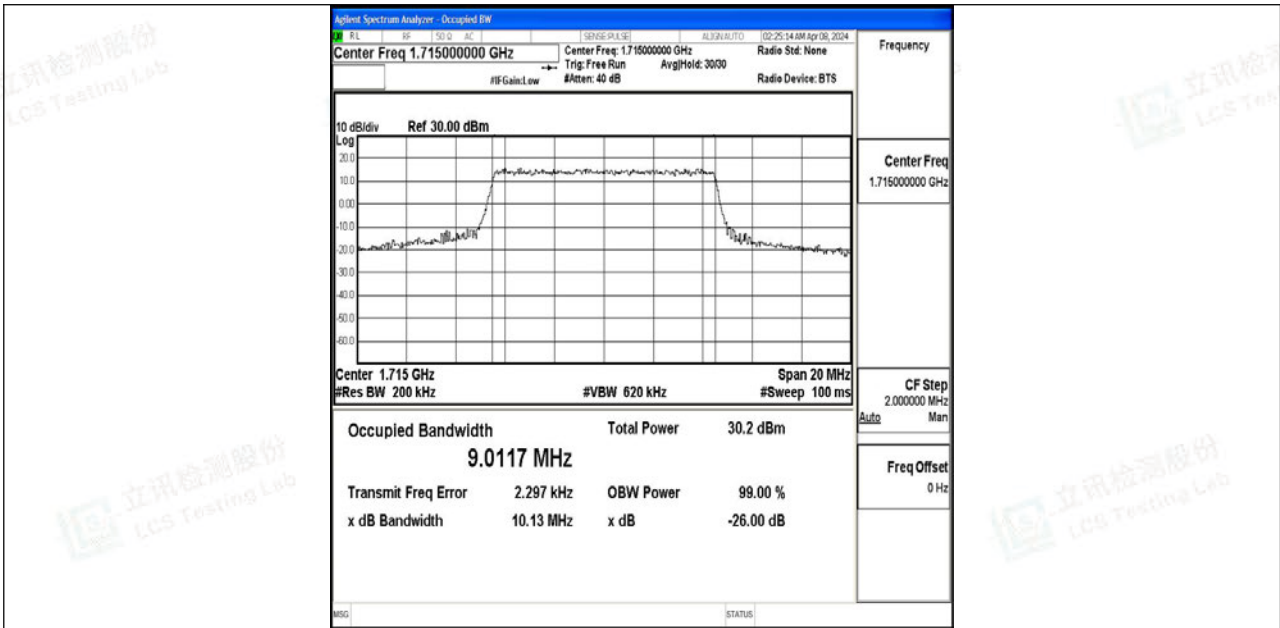


Shenzhen LCS Compliance Testing Laboratory Ltd.

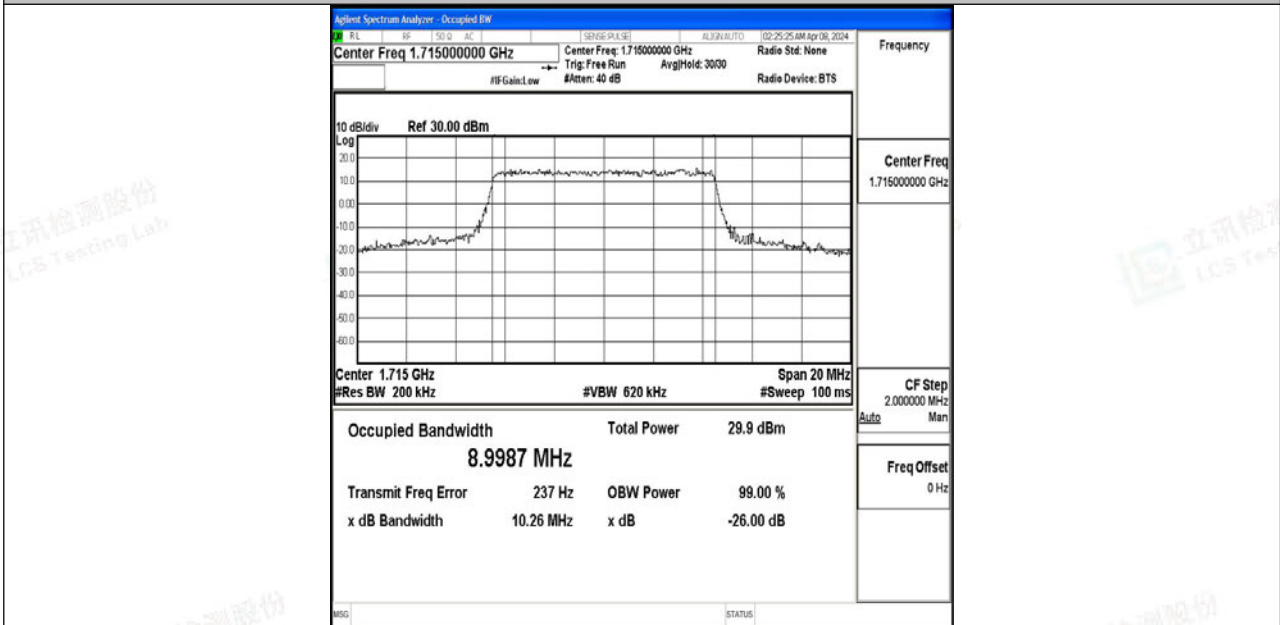
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



Band4-10MHz-QPSK-20000-50RB#0-PASS



Band4-10MHz-64QAM-20000-50RB#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