



Appendix E: Test Data for E-UTRA Band 38

Product Name: Smart phone

Test Model: Smooth 5.0 2022

Environmental Conditions

Temperature:	23.5° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li Huan



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



E.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	22.41	PASS
Band38	5MHz	QPSK	37775	1RB#12	22.44	PASS
Band38	5MHz	QPSK	37775	1RB#24	22.24	PASS
Band38	5MHz	QPSK	37775	12RB#0	21.47	PASS
Band38	5MHz	QPSK	37775	12RB#6	21.48	PASS
Band38	5MHz	QPSK	37775	12RB#13	21.37	PASS
Band38	5MHz	QPSK	37775	25RB#0	21.40	PASS
Band38	5MHz	QPSK	38000	1RB#0	22.45	PASS
Band38	5MHz	QPSK	38000	1RB#12	22.56	PASS
Band38	5MHz	QPSK	38000	1RB#24	22.41	PASS
Band38	5MHz	QPSK	38000	12RB#0	21.58	PASS
Band38	5MHz	QPSK	38000	12RB#6	21.59	PASS
Band38	5MHz	QPSK	38000	12RB#13	21.55	PASS
Band38	5MHz	QPSK	38000	25RB#0	21.53	PASS
Band38	5MHz	QPSK	38225	1RB#0	22.81	PASS
Band38	5MHz	QPSK	38225	1RB#12	22.92	PASS
Band38	5MHz	QPSK	38225	1RB#24	22.66	PASS
Band38	5MHz	QPSK	38225	12RB#0	21.85	PASS
Band38	5MHz	QPSK	38225	12RB#6	21.81	PASS
Band38	5MHz	QPSK	38225	12RB#13	21.77	PASS
Band38	5MHz	QPSK	38225	25RB#0	21.81	PASS
Band38	5MHz	16QAM	37775	1RB#0	21.69	PASS
Band38	5MHz	16QAM	37775	1RB#12	21.54	PASS
Band38	5MHz	16QAM	37775	1RB#24	21.44	PASS
Band38	5MHz	16QAM	37775	12RB#0	20.36	PASS
Band38	5MHz	16QAM	37775	12RB#6	20.36	PASS
Band38	5MHz	16QAM	37775	12RB#13	20.37	PASS
Band38	5MHz	16QAM	37775	25RB#0	20.31	PASS
Band38	5MHz	16QAM	38000	1RB#0	21.48	PASS
Band38	5MHz	16QAM	38000	1RB#12	21.18	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity



Band38	5MHz	16QAM	38000	1RB#24	21.37	PASS
Band38	5MHz	16QAM	38000	12RB#0	20.42	PASS
Band38	5MHz	16QAM	38000	12RB#6	20.43	PASS
Band38	5MHz	16QAM	38000	12RB#13	20.37	PASS
Band38	5MHz	16QAM	38000	25RB#0	20.49	PASS
Band38	5MHz	16QAM	38225	1RB#0	21.92	PASS
Band38	5MHz	16QAM	38225	1RB#12	22.02	PASS
Band38	5MHz	16QAM	38225	1RB#24	21.76	PASS
Band38	5MHz	16QAM	38225	12RB#0	20.61	PASS
Band38	5MHz	16QAM	38225	12RB#6	20.61	PASS
Band38	5MHz	16QAM	38225	12RB#13	20.57	PASS
Band38	5MHz	16QAM	38225	25RB#0	20.81	PASS
Band38	10MHz	QPSK	37800	1RB#0	22.16	PASS
Band38	10MHz	QPSK	37800	1RB#24	22.36	PASS
Band38	10MHz	QPSK	37800	1RB#49	22.23	PASS
Band38	10MHz	QPSK	37800	25RB#0	21.43	PASS
Band38	10MHz	QPSK	37800	25RB#12	21.43	PASS
Band38	10MHz	QPSK	37800	25RB#25	21.46	PASS
Band38	10MHz	QPSK	37800	50RB#0	21.43	PASS
Band38	10MHz	QPSK	38000	1RB#0	22.27	PASS
Band38	10MHz	QPSK	38000	1RB#24	22.50	PASS
Band38	10MHz	QPSK	38000	1RB#49	22.28	PASS
Band38	10MHz	QPSK	38000	25RB#0	21.58	PASS
Band38	10MHz	QPSK	38000	25RB#12	21.58	PASS
Band38	10MHz	QPSK	38000	25RB#25	21.50	PASS
Band38	10MHz	QPSK	38000	50RB#0	21.54	PASS
Band38	10MHz	QPSK	38200	1RB#0	22.55	PASS
Band38	10MHz	QPSK	38200	1RB#24	22.82	PASS
Band38	10MHz	QPSK	38200	1RB#49	22.53	PASS
Band38	10MHz	QPSK	38200	25RB#0	21.77	PASS
Band38	10MHz	QPSK	38200	25RB#12	21.77	PASS
Band38	10MHz	QPSK	38200	25RB#25	21.88	PASS
Band38	10MHz	QPSK	38200	50RB#0	21.82	PASS
Band38	10MHz	16QAM	37800	1RB#0	21.19	PASS
Band38	10MHz	16QAM	37800	1RB#24	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



Band38	10MHz	16QAM	37800	1RB#49	21.28	PASS
Band38	10MHz	16QAM	37800	25RB#0	20.31	PASS
Band38	10MHz	16QAM	37800	25RB#12	20.31	PASS
Band38	10MHz	16QAM	37800	25RB#25	20.46	PASS
Band38	10MHz	16QAM	37800	50RB#0	20.43	PASS
Band38	10MHz	16QAM	38000	1RB#0	21.32	PASS
Band38	10MHz	16QAM	38000	1RB#24	21.50	PASS
Band38	10MHz	16QAM	38000	1RB#49	21.23	PASS
Band38	10MHz	16QAM	38000	25RB#0	20.28	PASS
Band38	10MHz	16QAM	38000	25RB#12	20.28	PASS
Band38	10MHz	16QAM	38000	25RB#25	20.21	PASS
Band38	10MHz	16QAM	38000	50RB#0	20.55	PASS
Band38	10MHz	16QAM	38200	1RB#0	21.94	PASS
Band38	10MHz	16QAM	38200	1RB#24	22.19	PASS
Band38	10MHz	16QAM	38200	1RB#49	21.40	PASS
Band38	10MHz	16QAM	38200	25RB#0	20.70	PASS
Band38	10MHz	16QAM	38200	25RB#12	20.90	PASS
Band38	10MHz	16QAM	38200	25RB#25	20.84	PASS
Band38	10MHz	16QAM	38200	50RB#0	20.87	PASS
Band38	15MHz	QPSK	37825	1RB#0	22.21	PASS
Band38	15MHz	QPSK	37825	1RB#38	22.56	PASS
Band38	15MHz	QPSK	37825	1RB#74	22.16	PASS
Band38	15MHz	QPSK	37825	38RB#0	21.70	PASS
Band38	15MHz	QPSK	37825	38RB#18	21.81	PASS
Band38	15MHz	QPSK	37825	38RB#37	21.76	PASS
Band38	15MHz	QPSK	37825	75RB#0	21.47	PASS
Band38	15MHz	QPSK	38000	1RB#0	22.16	PASS
Band38	15MHz	QPSK	38000	1RB#38	22.40	PASS
Band38	15MHz	QPSK	38000	1RB#74	22.56	PASS
Band38	15MHz	QPSK	38000	38RB#0	21.25	PASS
Band38	15MHz	QPSK	38000	38RB#18	21.82	PASS
Band38	15MHz	QPSK	38000	38RB#37	21.82	PASS
Band38	15MHz	QPSK	38000	75RB#0	21.51	PASS
Band38	15MHz	QPSK	38175	1RB#0	22.34	PASS
Band38	15MHz	QPSK	38175	1RB#38	22.70	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



Band38	15MHz	QPSK	38175	1RB#74	22.29	PASS
Band38	15MHz	QPSK	38175	38RB#0	21.89	PASS
Band38	15MHz	QPSK	38175	38RB#18	21.95	PASS
Band38	15MHz	QPSK	38175	38RB#37	21.49	PASS
Band38	15MHz	QPSK	38175	75RB#0	21.65	PASS
Band38	15MHz	16QAM	37825	1RB#0	21.73	PASS
Band38	15MHz	16QAM	37825	1RB#38	21.63	PASS
Band38	15MHz	16QAM	37825	1RB#74	21.68	PASS
Band38	15MHz	16QAM	37825	38RB#0	21.71	PASS
Band38	15MHz	16QAM	37825	38RB#18	21.83	PASS
Band38	15MHz	16QAM	37825	38RB#37	21.70	PASS
Band38	15MHz	16QAM	37825	75RB#0	20.52	PASS
Band38	15MHz	16QAM	38000	1RB#0	21.22	PASS
Band38	15MHz	16QAM	38000	1RB#38	22.32	PASS
Band38	15MHz	16QAM	38000	1RB#74	21.77	PASS
Band38	15MHz	16QAM	38000	38RB#0	21.73	PASS
Band38	15MHz	16QAM	38000	38RB#18	21.84	PASS
Band38	15MHz	16QAM	38000	38RB#37	21.81	PASS
Band38	15MHz	16QAM	38000	75RB#0	20.44	PASS
Band38	15MHz	16QAM	38175	1RB#0	21.86	PASS
Band38	15MHz	16QAM	38175	1RB#38	21.67	PASS
Band38	15MHz	16QAM	38175	1RB#74	21.90	PASS
Band38	15MHz	16QAM	38175	38RB#0	21.88	PASS
Band38	15MHz	16QAM	38175	38RB#18	21.76	PASS
Band38	15MHz	16QAM	38175	38RB#37	21.88	PASS
Band38	15MHz	16QAM	38175	75RB#0	20.60	PASS
Band38	20MHz	QPSK	37850	1RB#0	22.09	PASS
Band38	20MHz	QPSK	37850	1RB#49	22.37	PASS
Band38	20MHz	QPSK	37850	1RB#99	22.05	PASS
Band38	20MHz	QPSK	37850	50RB#0	21.34	PASS
Band38	20MHz	QPSK	37850	50RB#25	21.34	PASS
Band38	20MHz	QPSK	37850	50RB#50	21.42	PASS
Band38	20MHz	QPSK	37850	100RB#0	21.38	PASS
Band38	20MHz	QPSK	38000	1RB#0	22.30	PASS
Band38	20MHz	QPSK	38000	1RB#49	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



Band38	20MHz	QPSK	38000	1RB#99	22.31	PASS
Band38	20MHz	QPSK	38000	50RB#0	21.44	PASS
Band38	20MHz	QPSK	38000	50RB#25	21.54	PASS
Band38	20MHz	QPSK	38000	50RB#50	21.48	PASS
Band38	20MHz	QPSK	38000	100RB#0	21.51	PASS
Band38	20MHz	QPSK	38150	1RB#0	22.41	PASS
Band38	20MHz	QPSK	38150	1RB#49	22.69	PASS
Band38	20MHz	QPSK	38150	1RB#99	22.56	PASS
Band38	20MHz	QPSK	38150	50RB#0	21.51	PASS
Band38	20MHz	QPSK	38150	50RB#25	21.58	PASS
Band38	20MHz	QPSK	38150	50RB#50	21.74	PASS
Band38	20MHz	QPSK	38150	100RB#0	21.59	PASS
Band38	20MHz	16QAM	37850	1RB#0	20.80	PASS
Band38	20MHz	16QAM	37850	1RB#49	21.59	PASS
Band38	20MHz	16QAM	37850	1RB#99	21.00	PASS
Band38	20MHz	16QAM	37850	50RB#0	20.31	PASS
Band38	20MHz	16QAM	37850	50RB#25	20.43	PASS
Band38	20MHz	16QAM	37850	50RB#50	20.42	PASS
Band38	20MHz	16QAM	37850	100RB#0	20.42	PASS
Band38	20MHz	16QAM	38000	1RB#0	21.63	PASS
Band38	20MHz	16QAM	38000	1RB#49	21.91	PASS
Band38	20MHz	16QAM	38000	1RB#99	21.12	PASS
Band38	20MHz	16QAM	38000	50RB#0	20.57	PASS
Band38	20MHz	16QAM	38000	50RB#25	20.53	PASS
Band38	20MHz	16QAM	38000	50RB#50	20.44	PASS
Band38	20MHz	16QAM	38000	100RB#0	20.42	PASS
Band38	20MHz	16QAM	38150	1RB#0	21.23	PASS
Band38	20MHz	16QAM	38150	1RB#49	22.23	PASS
Band38	20MHz	16QAM	38150	1RB#99	21.87	PASS
Band38	20MHz	16QAM	38150	50RB#0	20.51	PASS
Band38	20MHz	16QAM	38150	50RB#25	20.48	PASS
Band38	20MHz	16QAM	38150	50RB#50	20.73	PASS
Band38	20MHz	16QAM	38150	100RB#0	20.50	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



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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	4.87	13	PASS
Band38	5MHz	QPSK	37775	25RB#0	5.19	13	PASS
Band38	5MHz	QPSK	38000	1RB#0	4.62	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	5.09	13	PASS
Band38	5MHz	QPSK	38225	1RB#0	5.17	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	5.30	13	PASS
Band38	5MHz	16QAM	37775	1RB#0	6.16	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	6.06	13	PASS
Band38	5MHz	16QAM	38000	1RB#0	6.19	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	6.46	13	PASS
Band38	5MHz	16QAM	38225	1RB#0	5.64	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	6.31	13	PASS
Band38	10MHz	QPSK	37800	1RB#0	4.55	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	5.13	13	PASS
Band38	10MHz	QPSK	38000	1RB#0	4.64	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	5.05	13	PASS
Band38	10MHz	QPSK	38200	1RB#0	5.10	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	5.09	13	PASS
Band38	10MHz	16QAM	37800	1RB#0	6.06	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	6.02	13	PASS
Band38	10MHz	16QAM	38000	1RB#0	6.26	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	5.93	13	PASS
Band38	10MHz	16QAM	38200	1RB#0	5.55	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	5.94	13	PASS
Band38	15MHz	QPSK	37825	1RB#0	5.32	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	5.31	13	PASS
Band38	15MHz	QPSK	38000	1RB#0	5.01	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	5.26	13	PASS
Band38	15MHz	QPSK	38175	1RB#0	5.21	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	5.29	13	PASS
Band38	15MHz	16QAM	37825	1RB#0	6.24	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	6.07	13	PASS
Band38	15MHz	16QAM	38000	1RB#0	6.23	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	6.03	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



Band38	15MHz	16QAM	38175	1RB#0	6.18	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	6.03	13	PASS
Band38	20MHz	QPSK	37850	1RB#0	4.76	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	5.14	13	PASS
Band38	20MHz	QPSK	38000	1RB#0	4.59	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	5.16	13	PASS
Band38	20MHz	QPSK	38150	1RB#0	4.95	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	5.19	13	PASS
Band38	20MHz	16QAM	37850	1RB#0	9.35	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	7.91	13	PASS
Band38	20MHz	16QAM	38000	1RB#0	7.25	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	7.64	13	PASS
Band38	20MHz	16QAM	38150	1RB#0	9.55	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	7.98	13	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

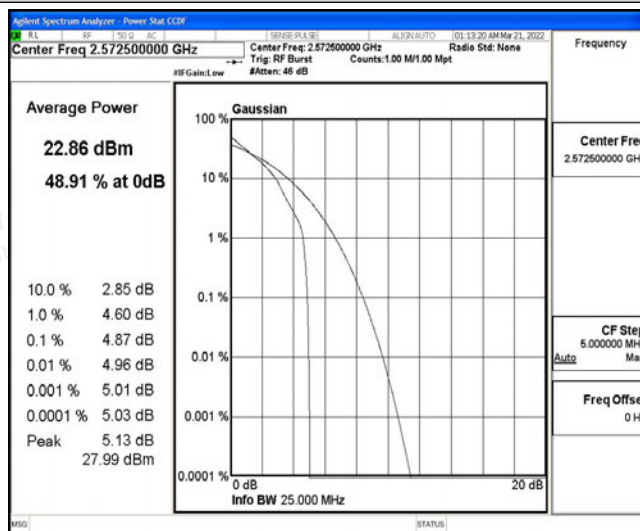
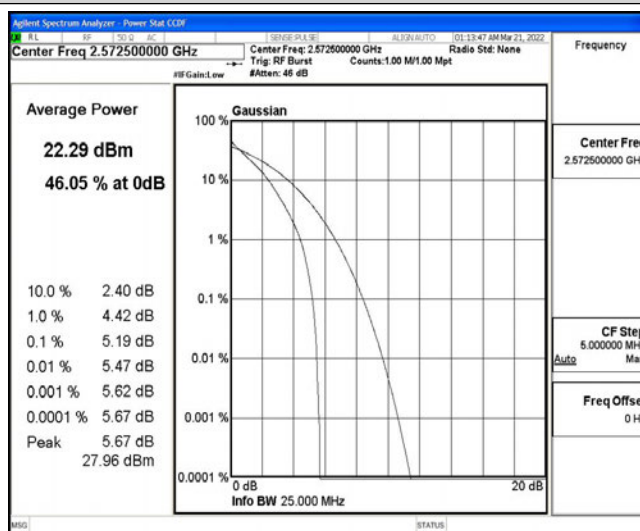
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



Test Graphs

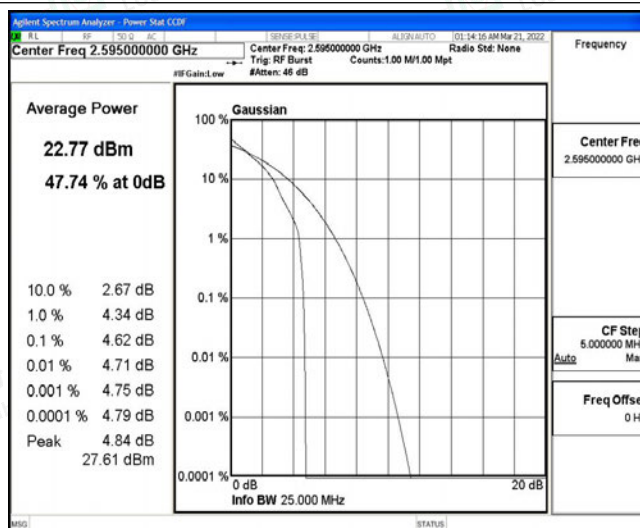
Band38-5MHz-QPSK-37775-1RB#0**Band38-5MHz-QPSK-37775-25RB#0****Band38-5MHz-QPSK-38000-1RB#0**

Shenzhen LCS Compliance Testing Laboratory Ltd.

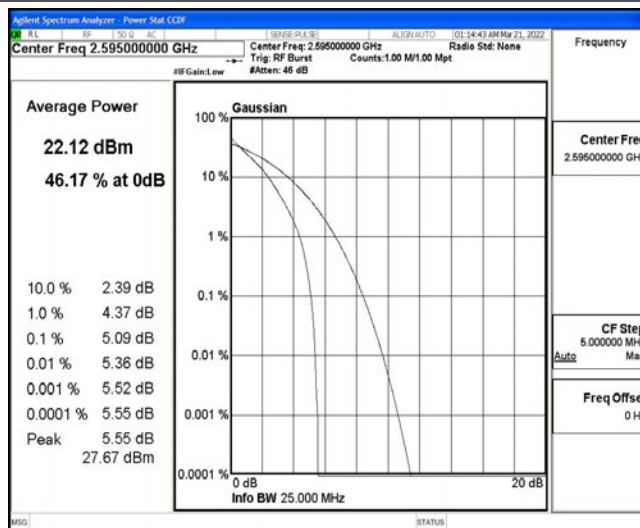
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

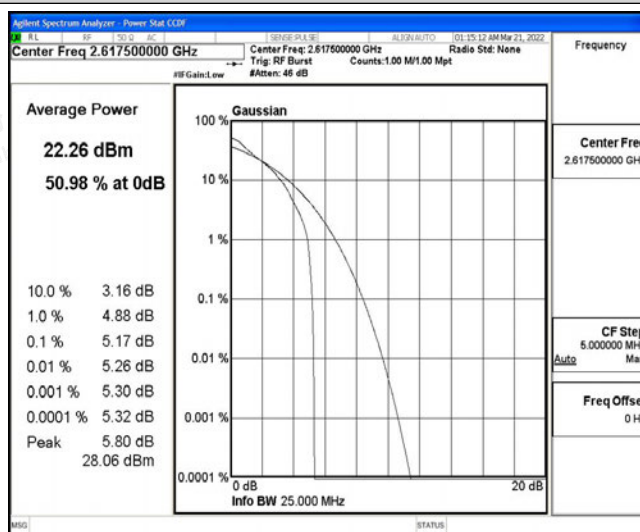
Scan code to check authenticity



Band38-5MHz-QPSK-38000-25RB#0



Band38-5MHz-QPSK-38225-1RB#0



Band38-5MHz-QPSK-38225-25RB#0

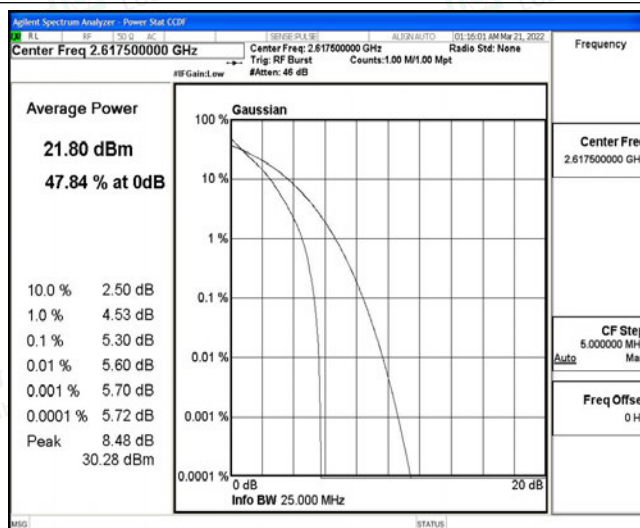


Shenzhen LCS Compliance Testing Laboratory Ltd.

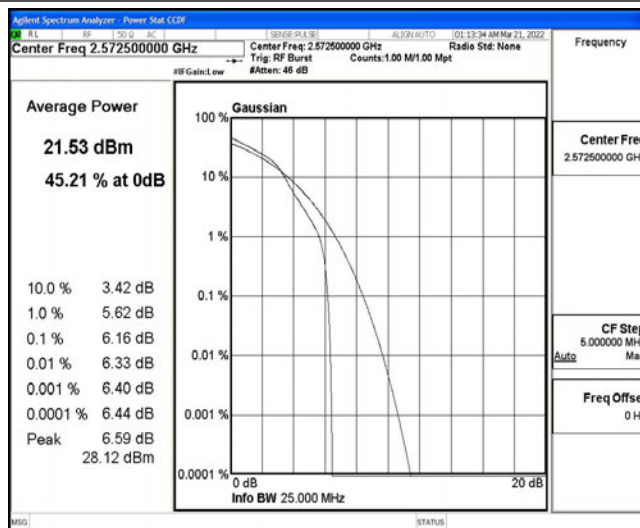
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

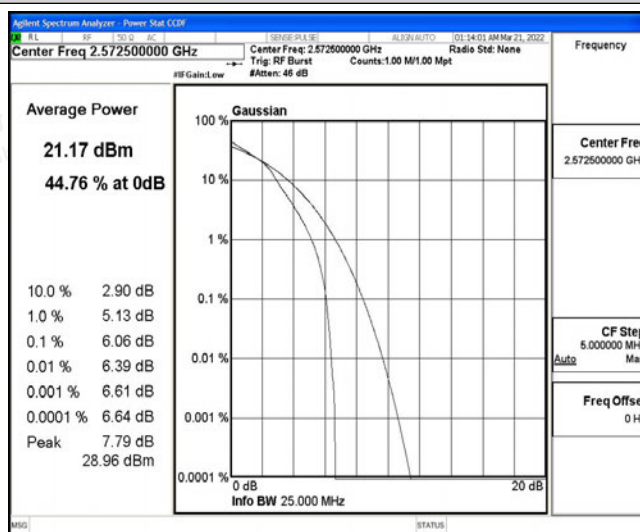
Scan code to check authenticity



Band38-5MHz-16QAM-37775-1RB#0



Band38-5MHz-16QAM-37775-25RB#0



Band38-5MHz-16QAM-38000-1RB#0

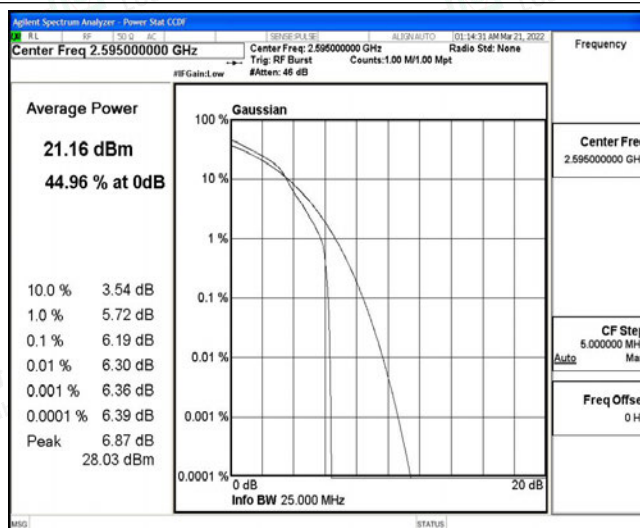


Shenzhen LCS Compliance Testing Laboratory Ltd.

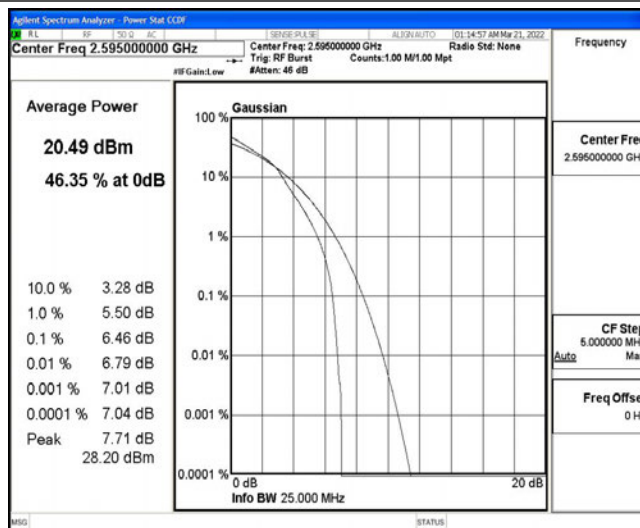
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

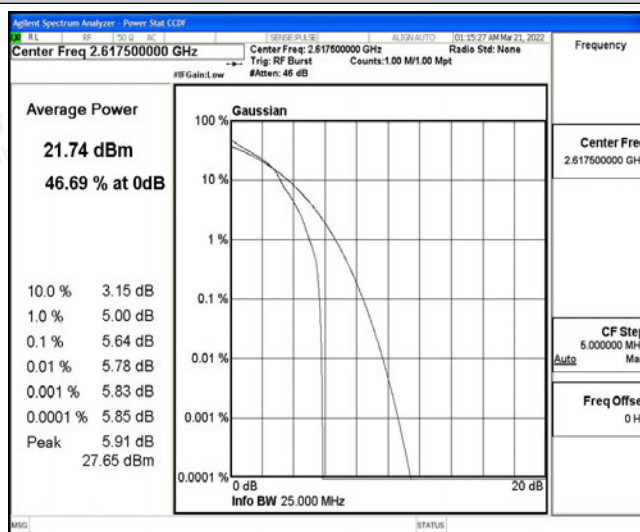
Scan code to check authenticity



Band38-5MHz-16QAM-38000-25RB#0



Band38-5MHz-16QAM-38225-1RB#0



Band38-5MHz-16QAM-38225-25RB#0

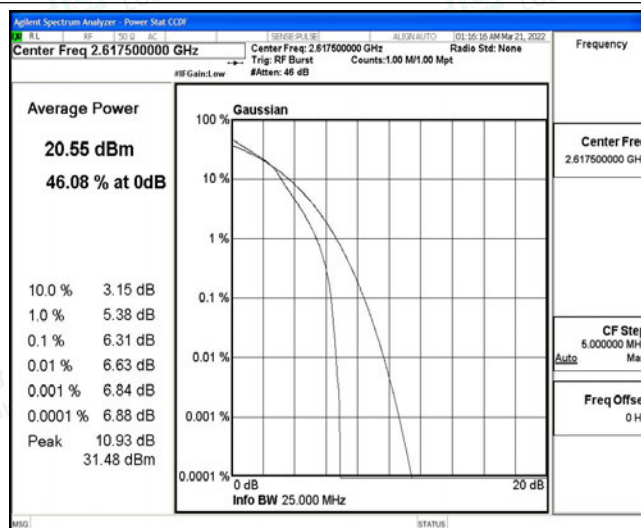


Shenzhen LCS Compliance Testing Laboratory Ltd.

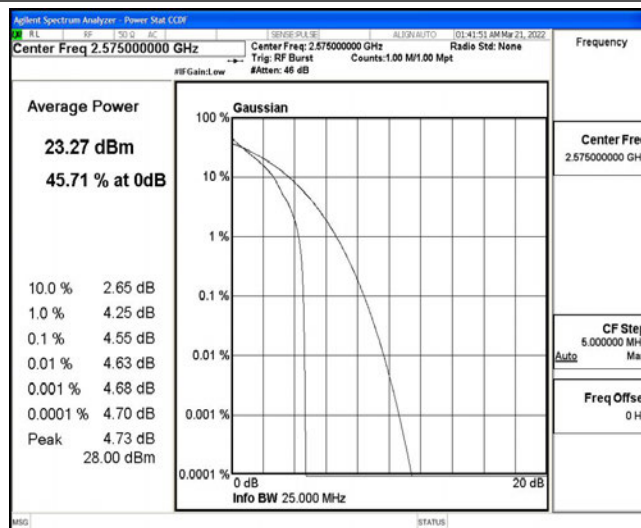
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

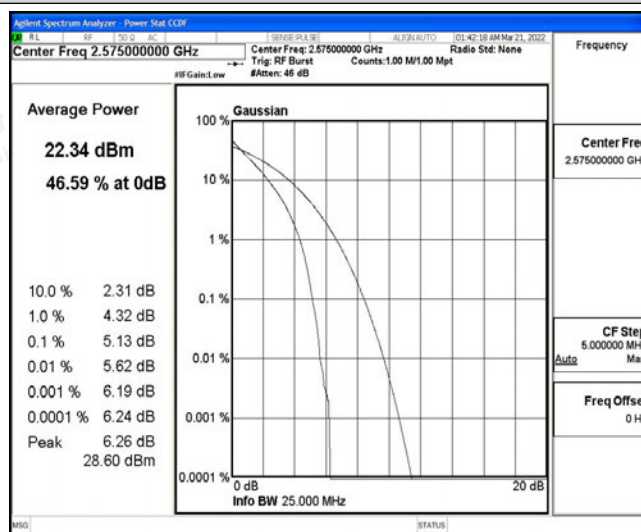
Scan code to check authenticity



Band38-10MHz-QPSK-37800-1RB#0



Band38-10MHz-QPSK-37800-50RB#0



Band38-10MHz-QPSK-38000-1RB#0

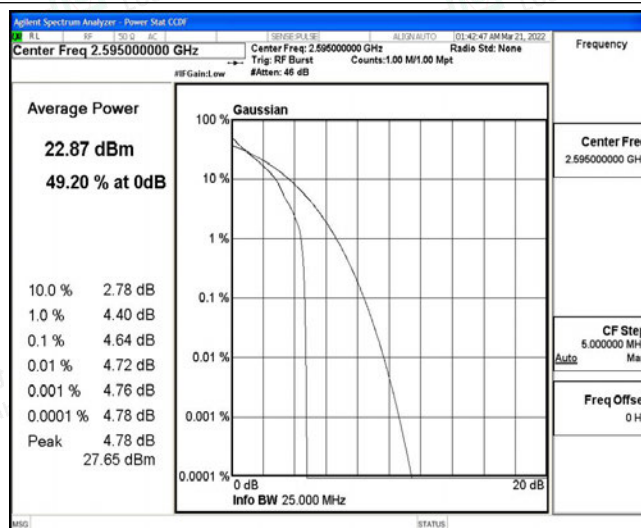


Shenzhen LCS Compliance Testing Laboratory Ltd.

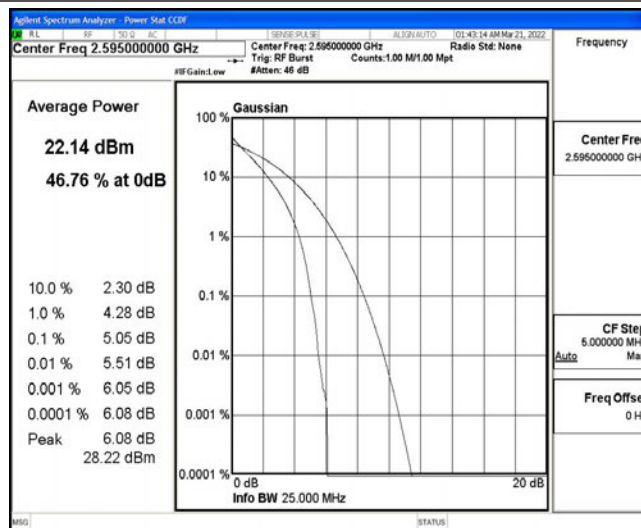
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

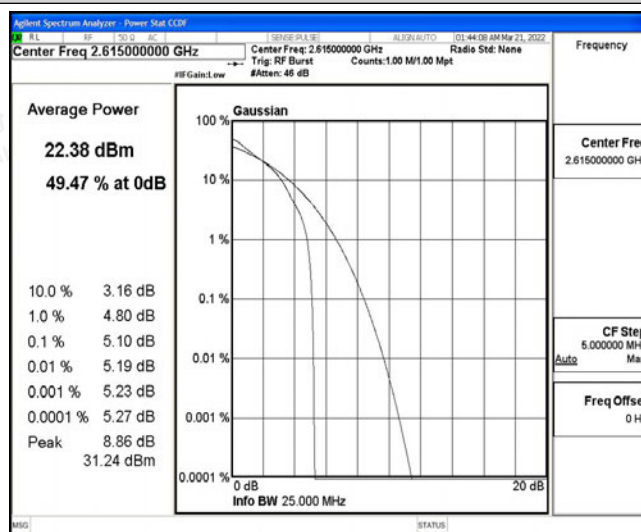
Scan code to check authenticity



Band38-10MHz-QPSK-38000-50RB#0



Band38-10MHz-QPSK-38200-1RB#0



Band38-10MHz-QPSK-38200-50RB#0

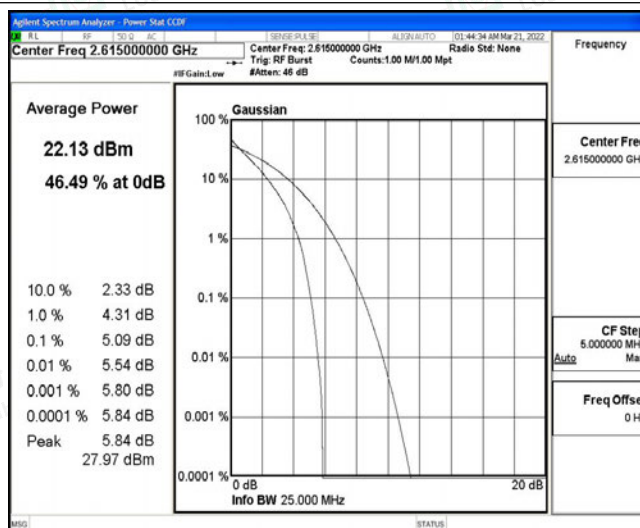


Shenzhen LCS Compliance Testing Laboratory Ltd.

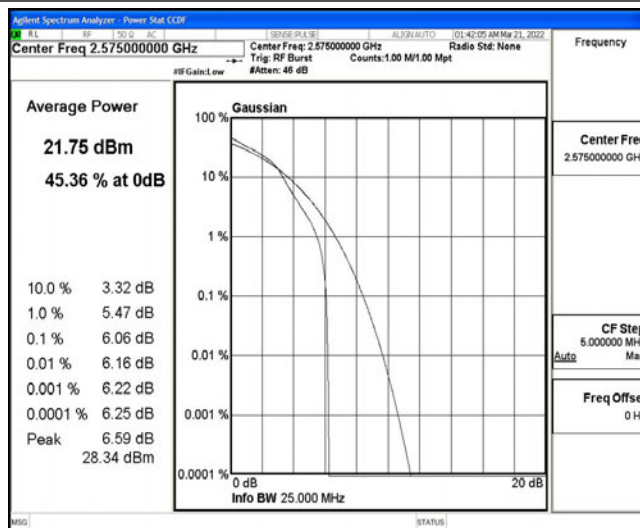
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

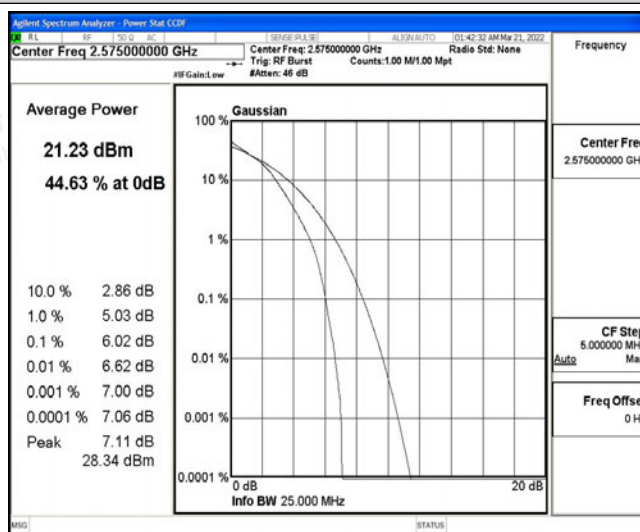
Scan code to check authenticity



Band38-10MHz-16QAM-37800-1RB#0



Band38-10MHz-16QAM-37800-50RB#0



Band38-10MHz-16QAM-38000-1RB#0

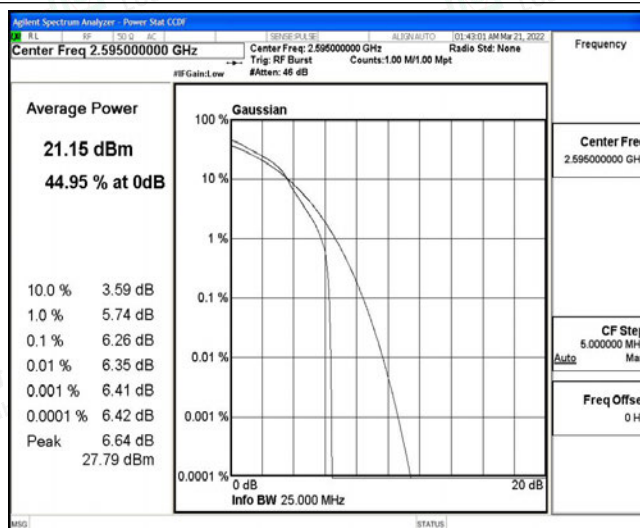


Shenzhen LCS Compliance Testing Laboratory Ltd.

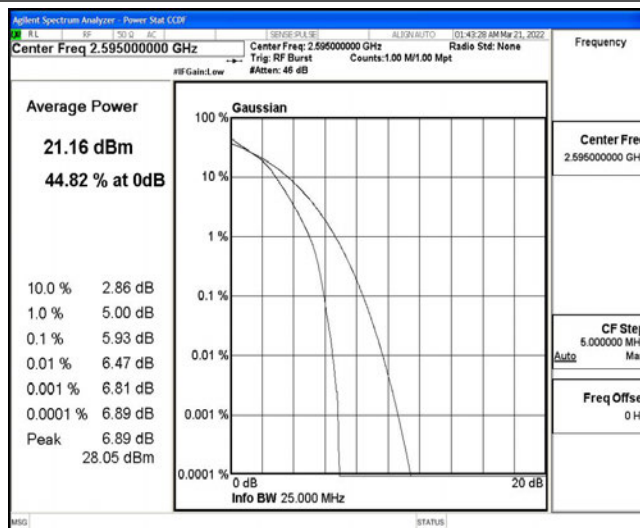
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

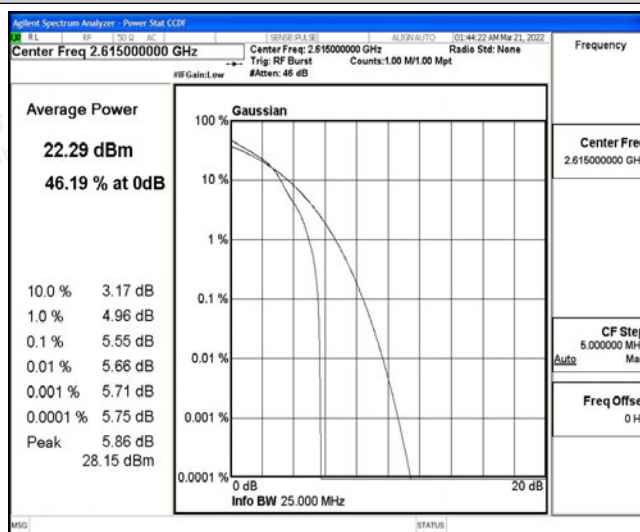
Scan code to check authenticity



Band38-10MHz-16QAM-38000-50RB#0



Band38-10MHz-16QAM-38200-1RB#0



Band38-10MHz-16QAM-38200-50RB#0

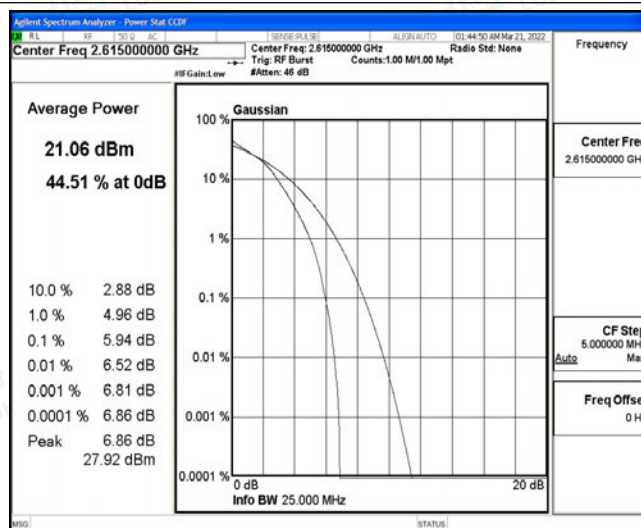


Shenzhen LCS Compliance Testing Laboratory Ltd.

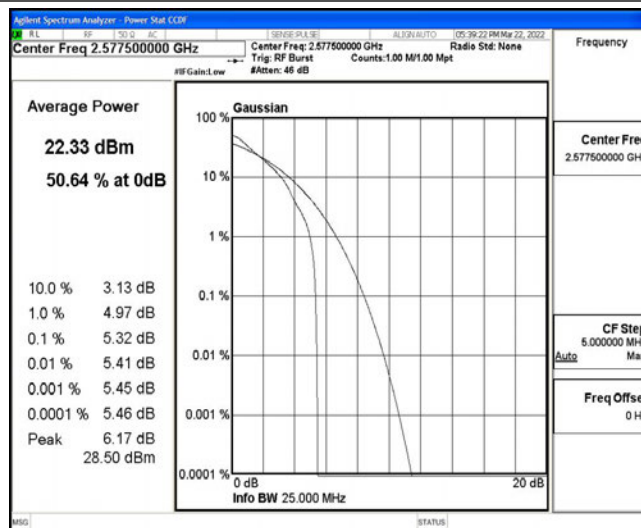
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

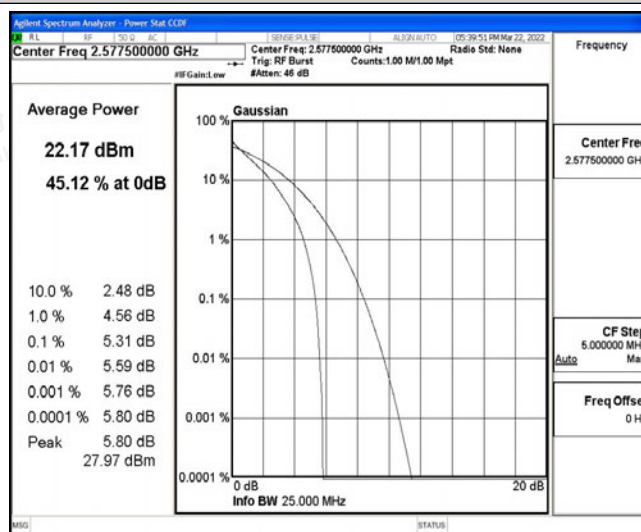
Scan code to check authenticity



Band38-15MHz-QPSK-37825-1RB#0



Band38-15MHz-QPSK-37825-75RB#0



Band38-15MHz-QPSK-38000-1RB#0

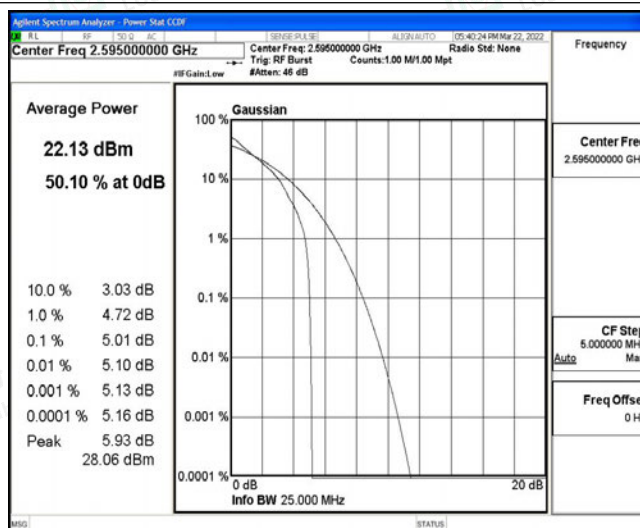


Shenzhen LCS Compliance Testing Laboratory Ltd.

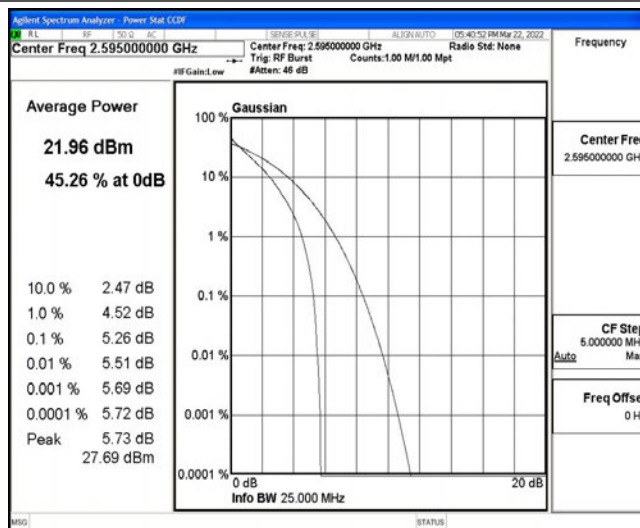
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

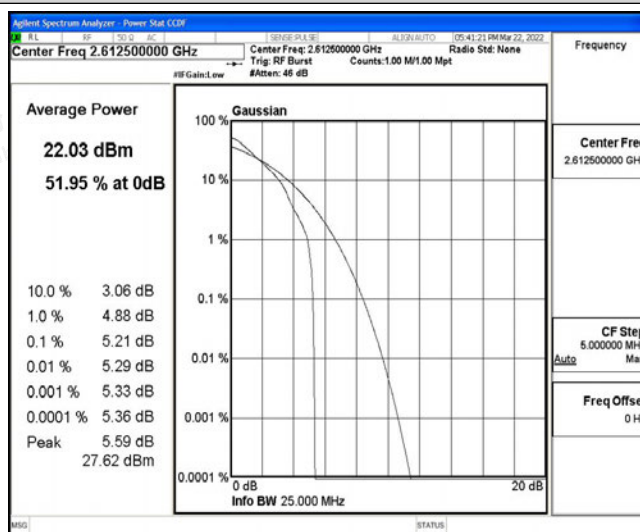
Scan code to check authenticity



Band38-15MHz-QPSK-38000-75RB#0



Band38-15MHz-QPSK-38175-1RB#0



Band38-15MHz-QPSK-38175-75RB#0

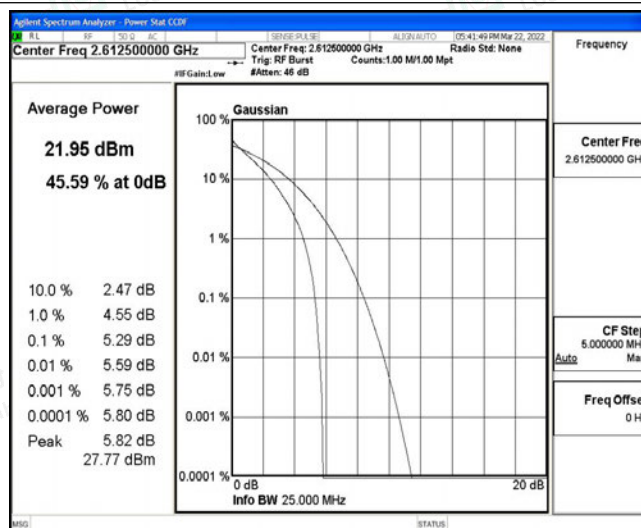


Shenzhen LCS Compliance Testing Laboratory Ltd.

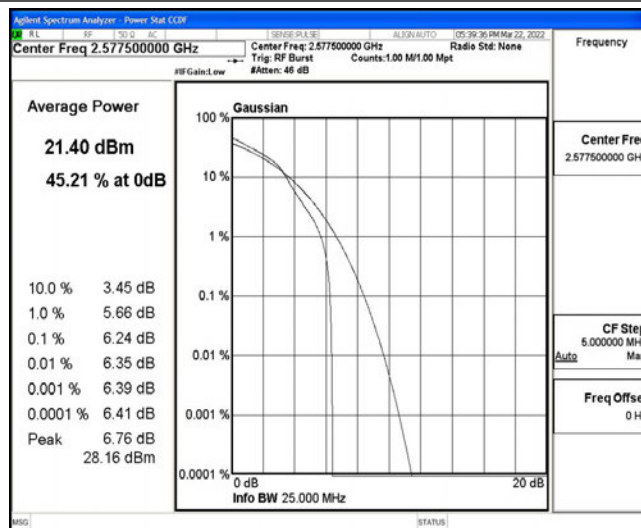
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

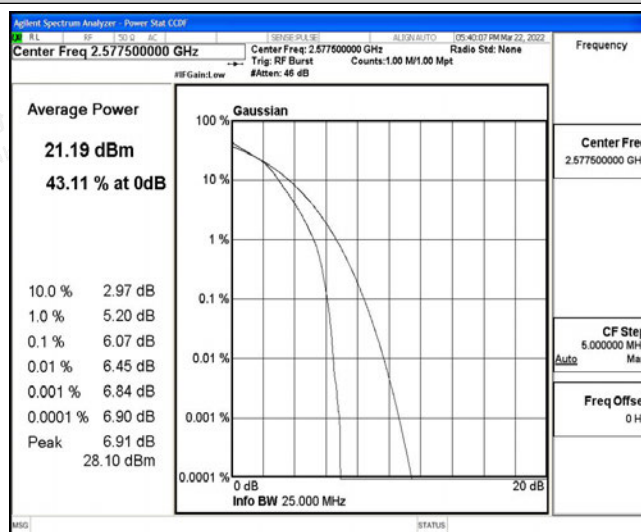
Scan code to check authenticity



Band38-15MHz-16QAM-37825-1RB#0



Band38-15MHz-16QAM-37825-75RB#0



Band38-15MHz-16QAM-38000-1RB#0

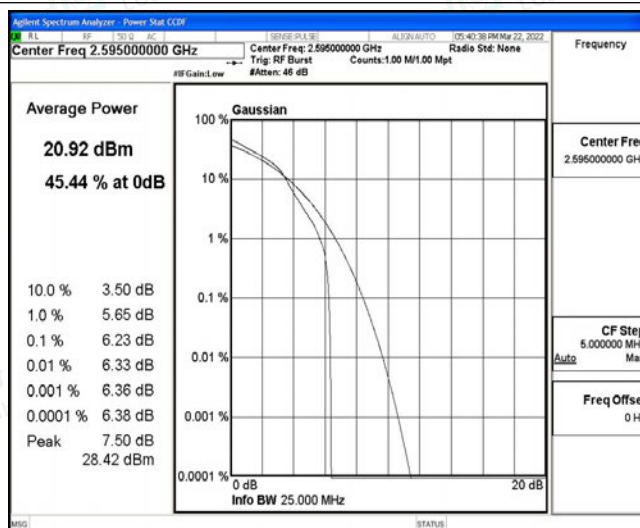


Shenzhen LCS Compliance Testing Laboratory Ltd.

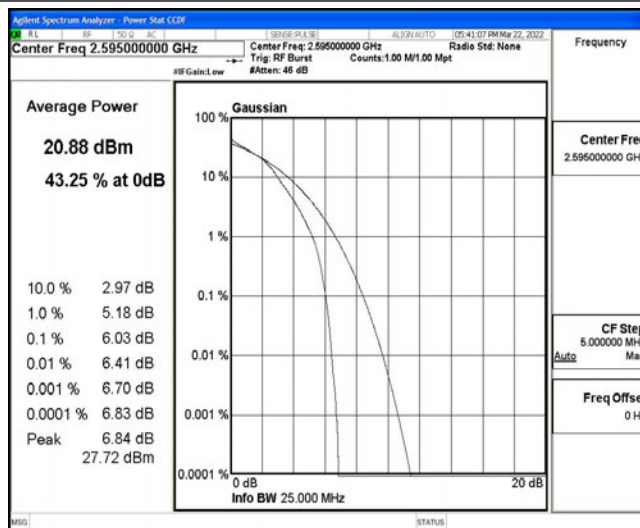
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

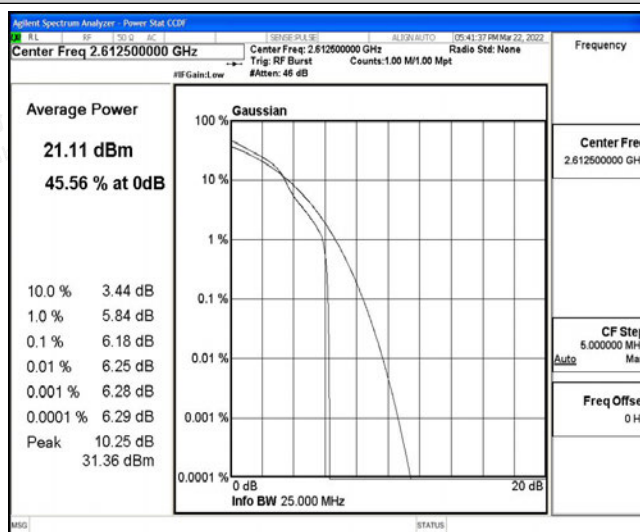
Scan code to check authenticity



Band38-15MHz-16QAM-38000-75RB#0



Band38-15MHz-16QAM-38175-1RB#0



Band38-15MHz-16QAM-38175-75RB#0

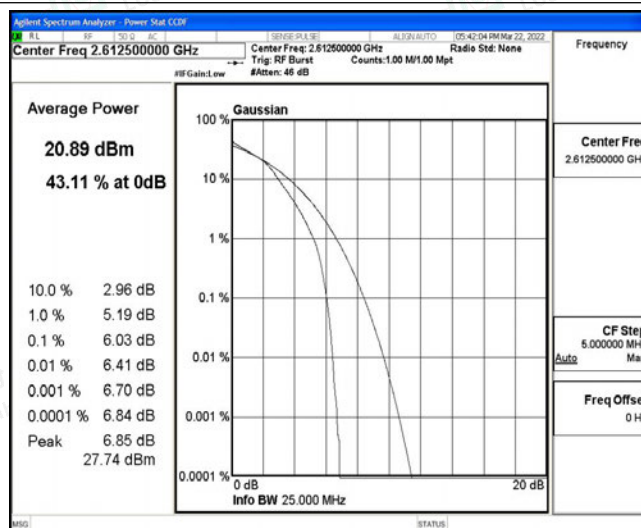


Shenzhen LCS Compliance Testing Laboratory Ltd.

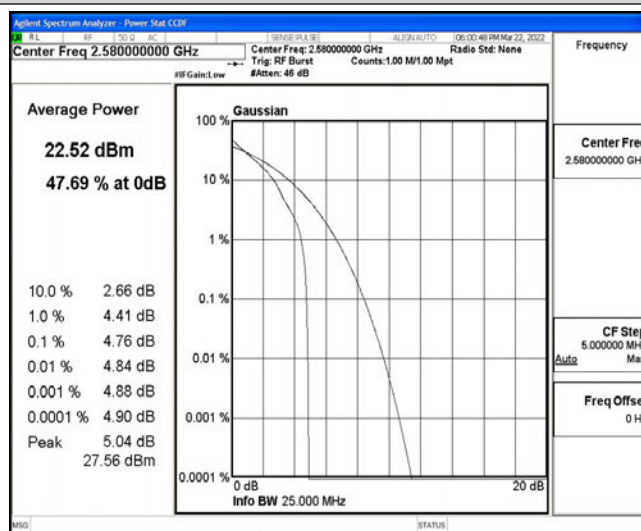
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

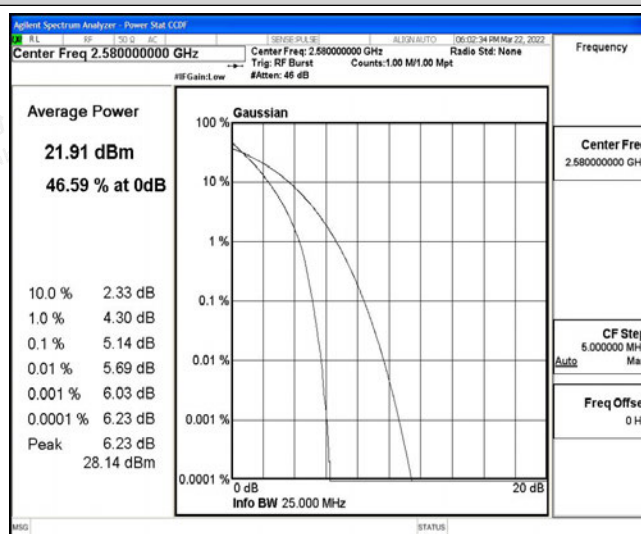
Scan code to check authenticity



Band38-20MHz-QPSK-37850-1RB#0



Band38-20MHz-QPSK-37850-100RB#0



Band38-20MHz-QPSK-38000-1RB#0

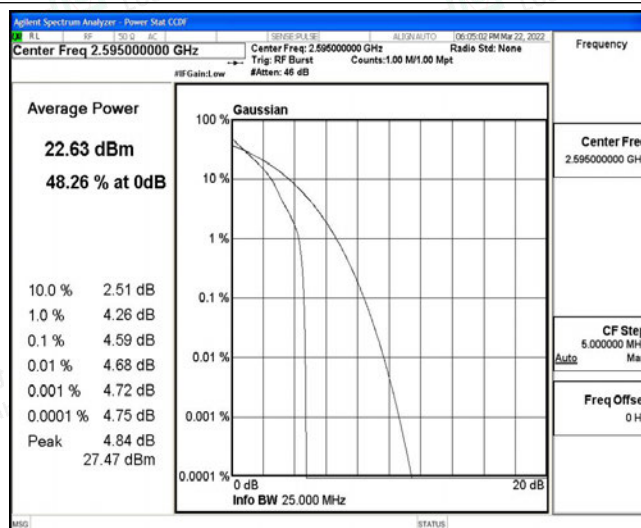


Shenzhen LCS Compliance Testing Laboratory Ltd.

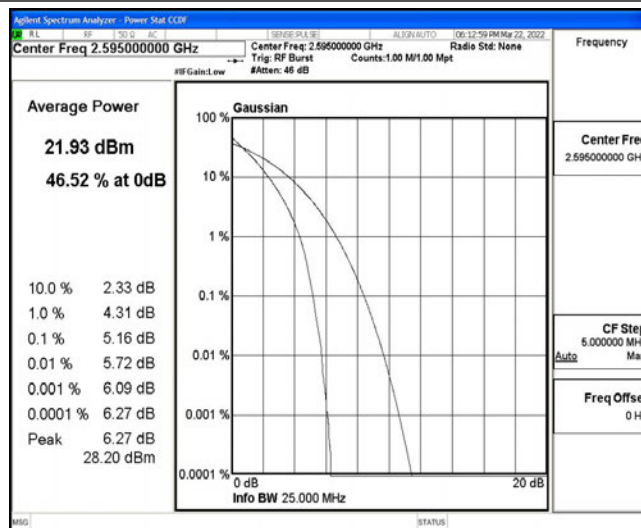
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

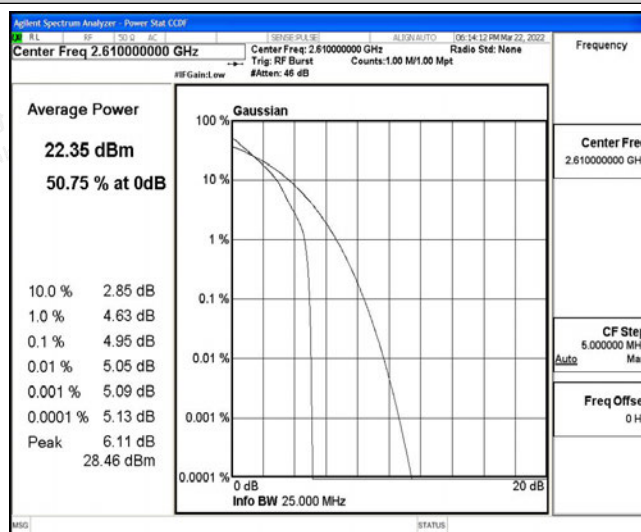
Scan code to check authenticity



Band38-20MHz-QPSK-38000-100RB#0



Band38-20MHz-QPSK-38150-1RB#0



Band38-20MHz-QPSK-38150-100RB#0

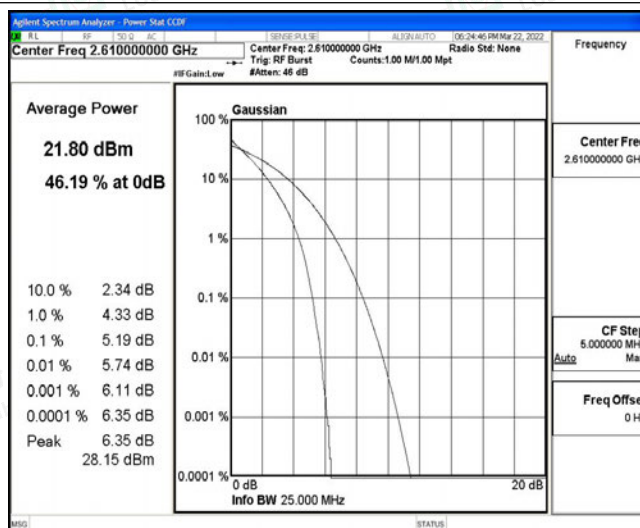


Shenzhen LCS Compliance Testing Laboratory Ltd.

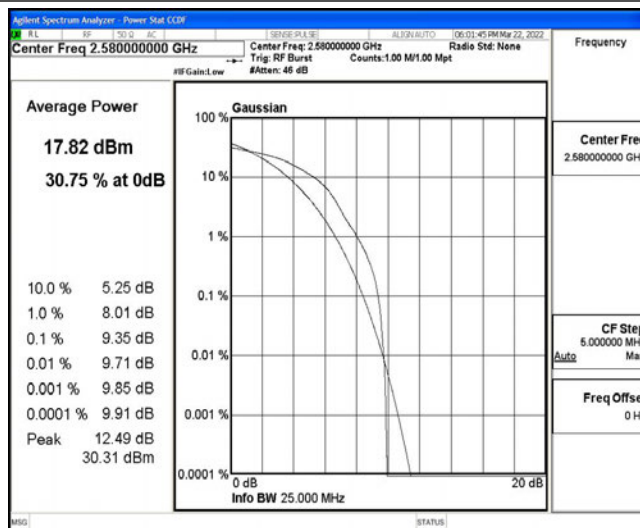
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

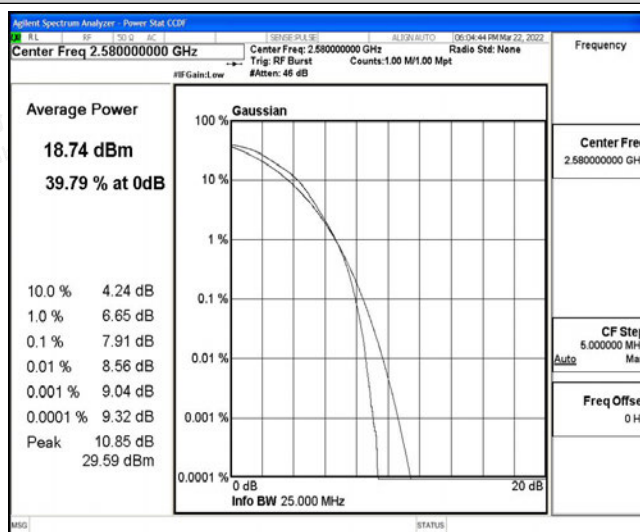
Scan code to check authenticity



Band38-20MHz-16QAM-37850-1RB#0



Band38-20MHz-16QAM-37850-100RB#0



Band38-20MHz-16QAM-38000-1RB#0

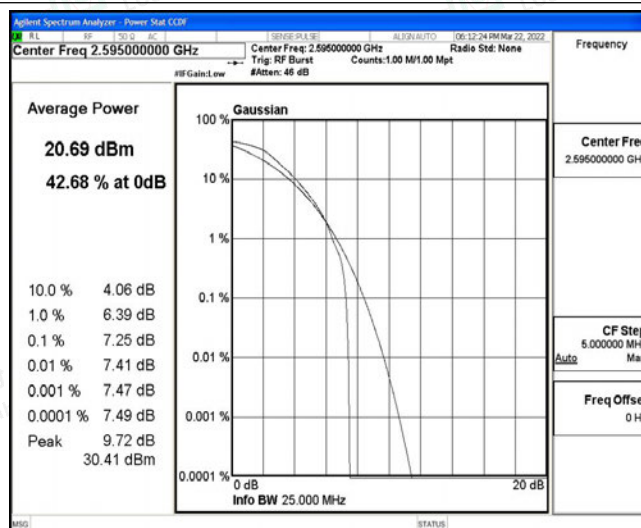


Shenzhen LCS Compliance Testing Laboratory Ltd.

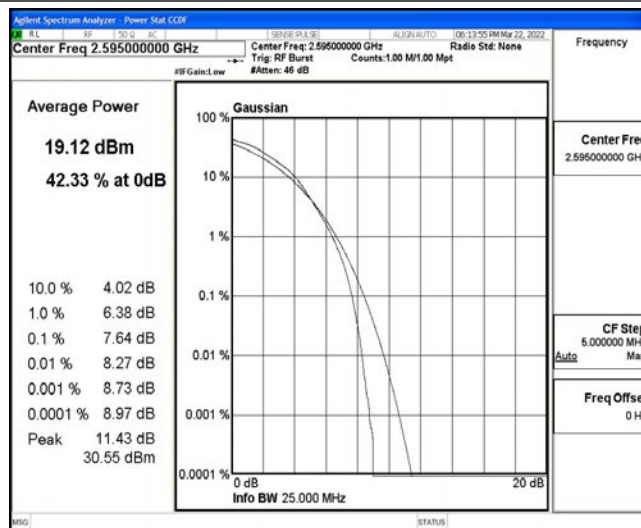
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

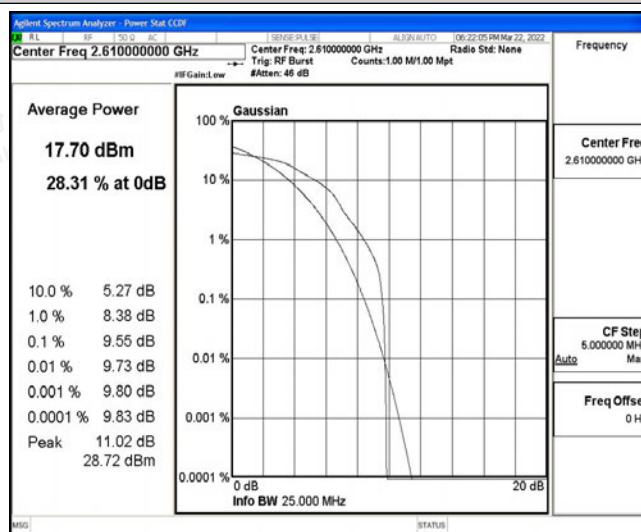
Scan code to check authenticity



Band38-20MHz-16QAM-38000-100RB#0



Band38-20MHz-16QAM-38150-1RB#0



Band38-20MHz-16QAM-38150-100RB#0

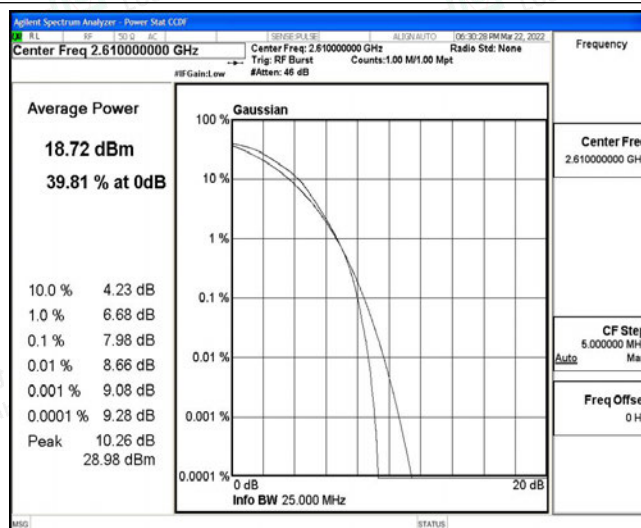


Shenzhen LCS Compliance Testing Laboratory Ltd.

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



E.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.5014	4.979	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.5033	5.016	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.4918	4.996	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.4933	5.034	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.5014	5.091	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.4875	4.966	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.9908	10.45	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9728	10.71	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.9739	10.67	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.9502	9.981	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9651	10.24	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.9778	9.785	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.456	15.96	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.462	15.92	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.494	16.53	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.424	16.36	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.479	16.57	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.464	16.17	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.926	19.18	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.917	19.52	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.906	19.38	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.918	19.39	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.876	19.32	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.759	19.55	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

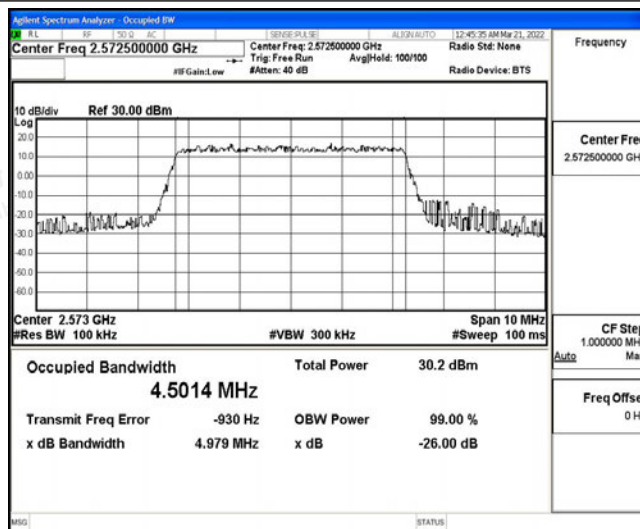
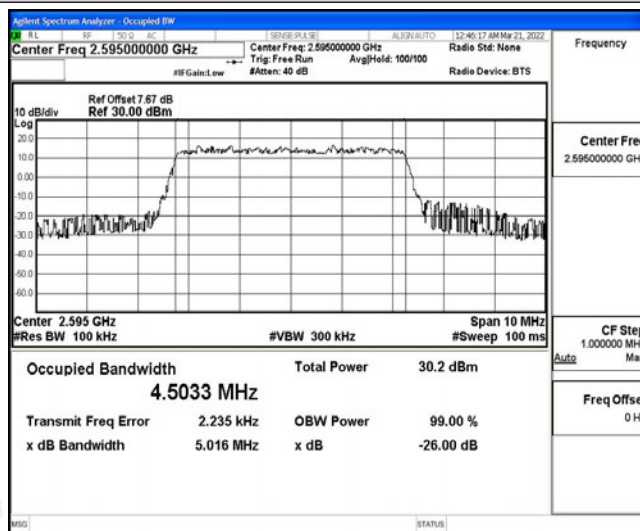
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



Test Graphs

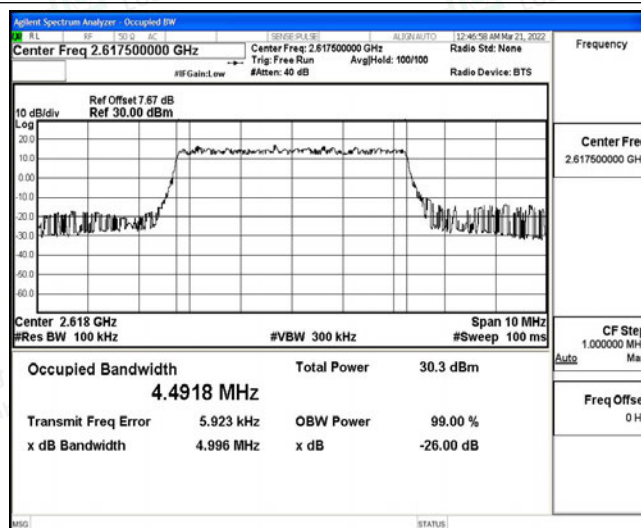
Band38-5MHz-QPSK-37775-25RB#0**Band38-5MHz-QPSK-38000-25RB#0****Band38-5MHz-QPSK-38225-25RB#0**

Shenzhen LCS Compliance Testing Laboratory Ltd.

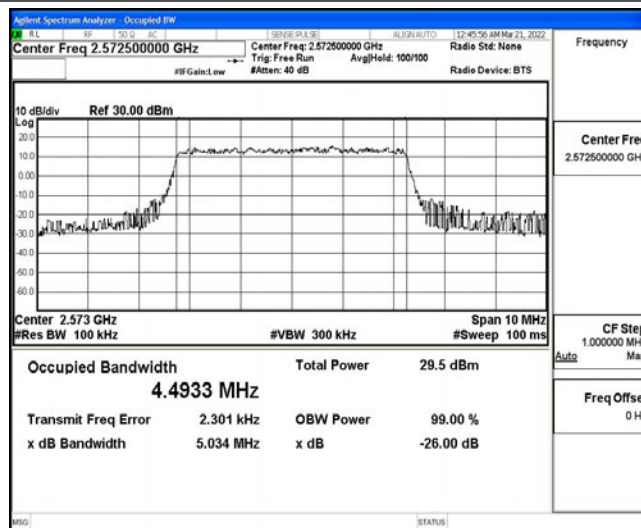
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

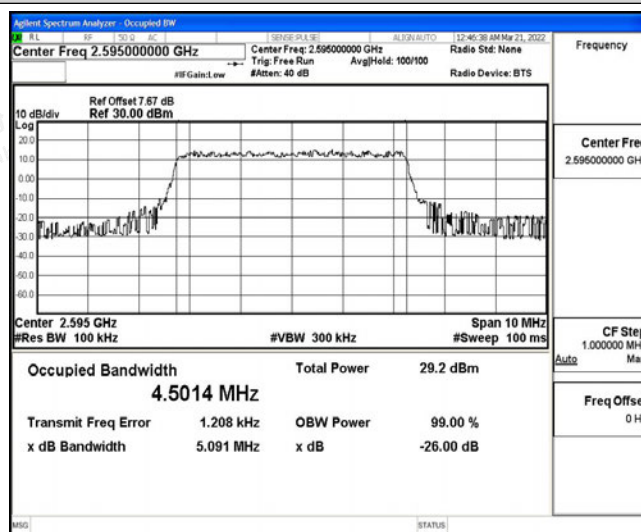
Scan code to check authenticity



Band38-5MHz-16QAM-37775-25RB#0



Band38-5MHz-16QAM-38000-25RB#0



Band38-5MHz-16QAM-38225-25RB#0

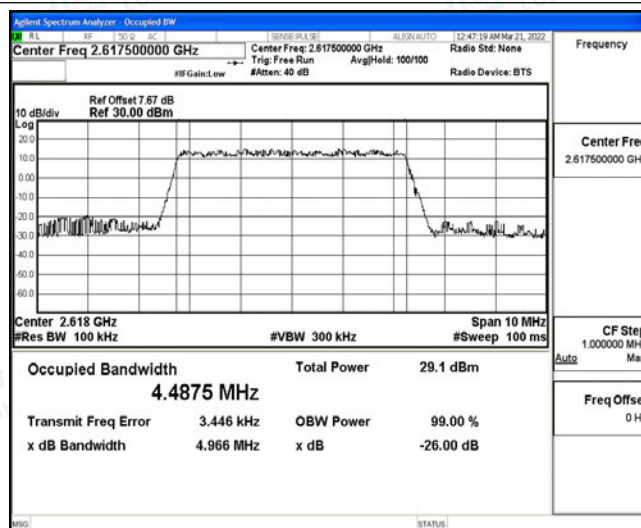


Shenzhen LCS Compliance Testing Laboratory Ltd.

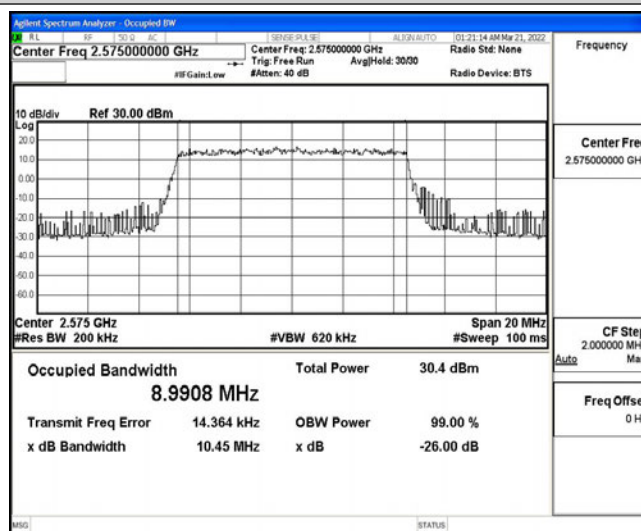
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

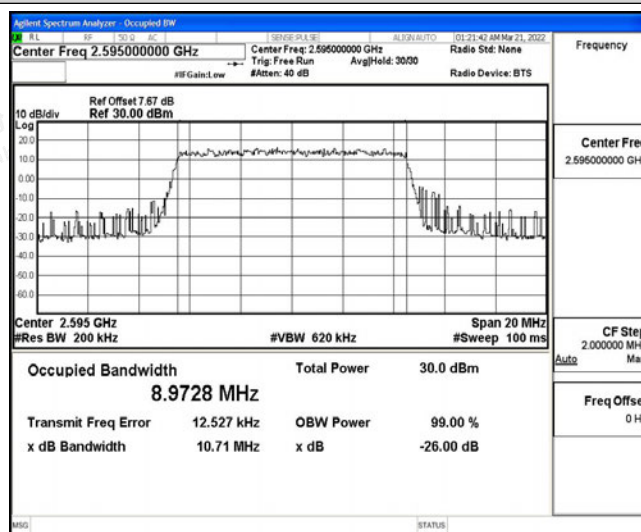
Scan code to check authenticity



Band38-10MHz-QPSK-37800-50RB#0



Band38-10MHz-QPSK-38000-50RB#0



Band38-10MHz-QPSK-38200-50RB#0

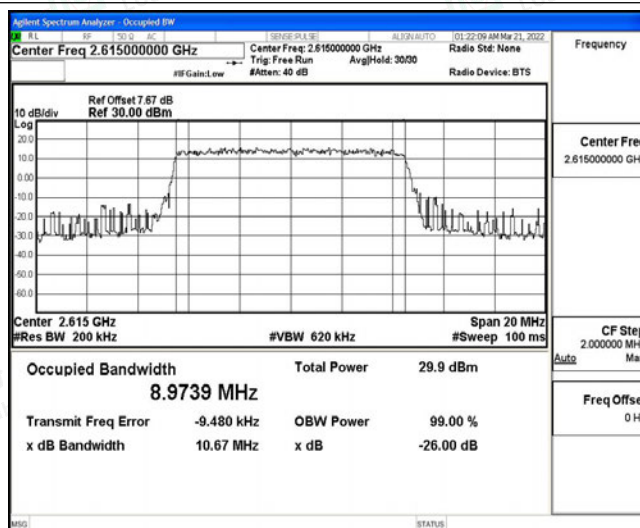


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

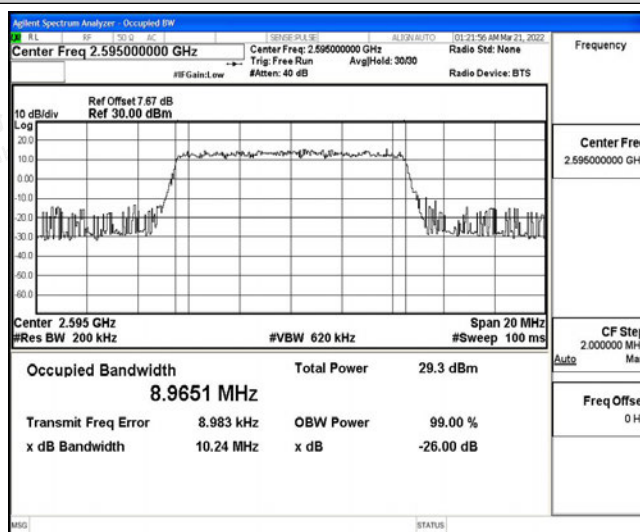
Scan code to check authenticity



Band38-10MHz-16QAM-37800-50RB#0



Band38-10MHz-16QAM-38000-50RB#0



Band38-10MHz-16QAM-38200-50RB#0

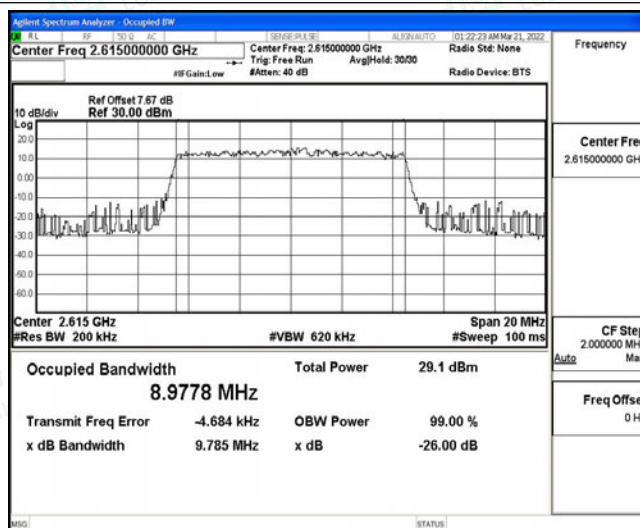


Shenzhen LCS Compliance Testing Laboratory Ltd.

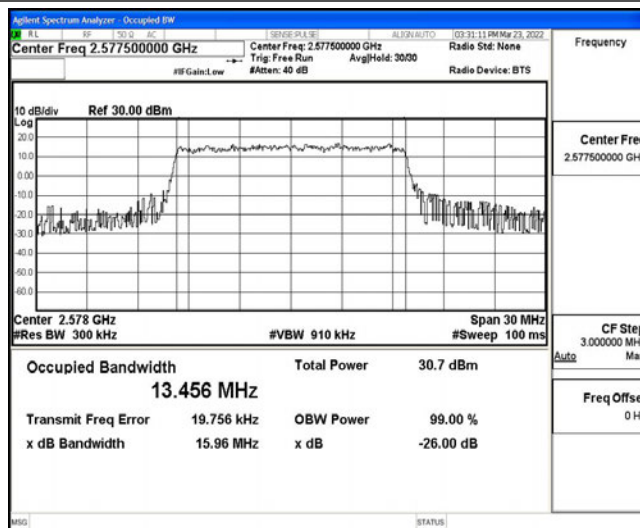
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

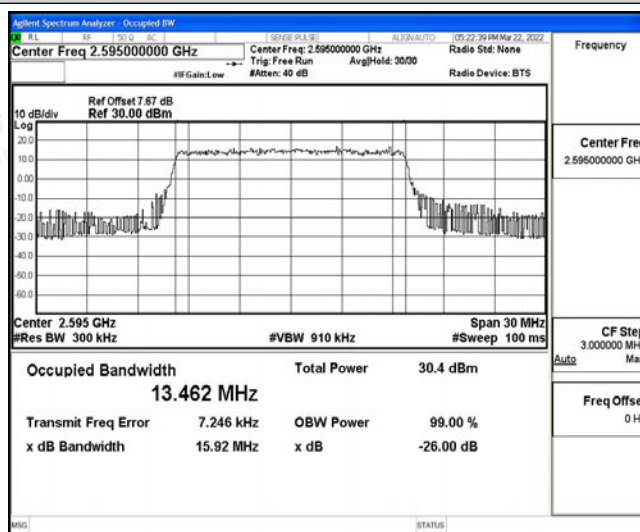
Scan code to check authenticity



Band38-15MHz-QPSK-37825-75RB#0



Band38-15MHz-QPSK-38000-75RB#0



Band38-15MHz-QPSK-38175-75RB#0

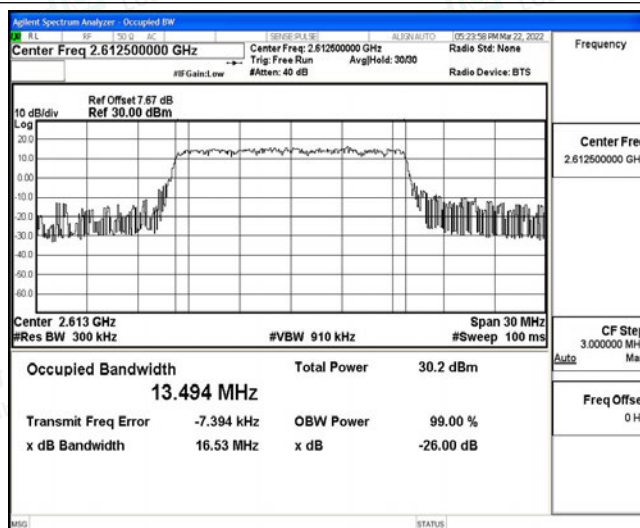


Shenzhen LCS Compliance Testing Laboratory Ltd.

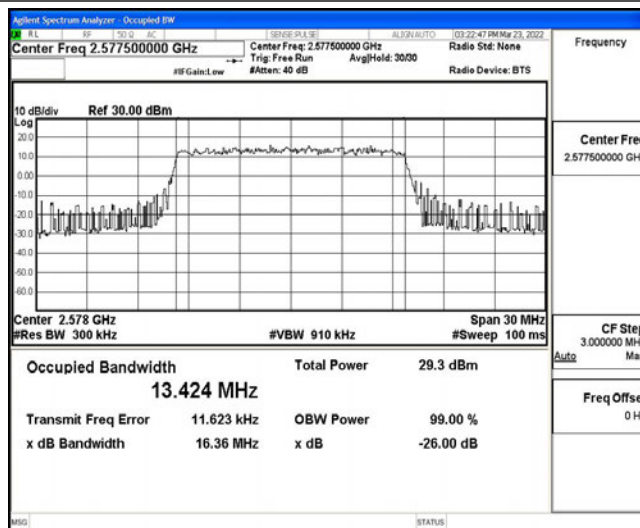
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

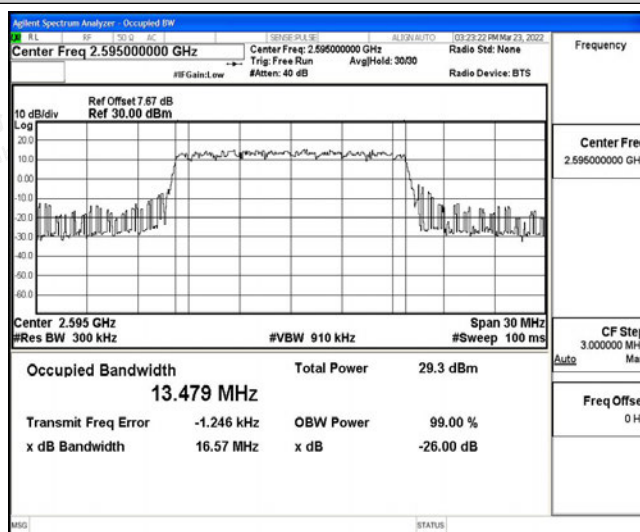
Scan code to check authenticity



Band38-15MHz-16QAM-37825-75RB#0



Band38-15MHz-16QAM-38000-75RB#0



Band38-15MHz-16QAM-38175-75RB#0

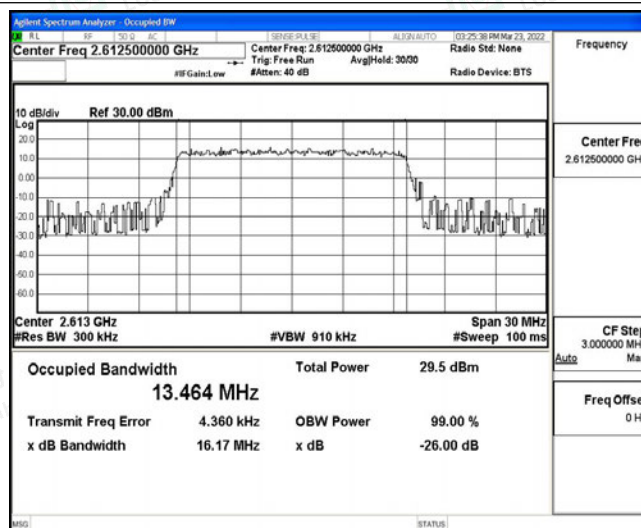


Shenzhen LCS Compliance Testing Laboratory Ltd.

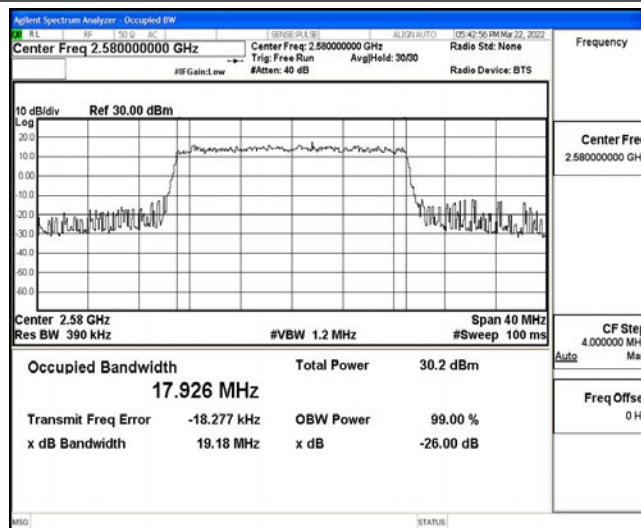
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

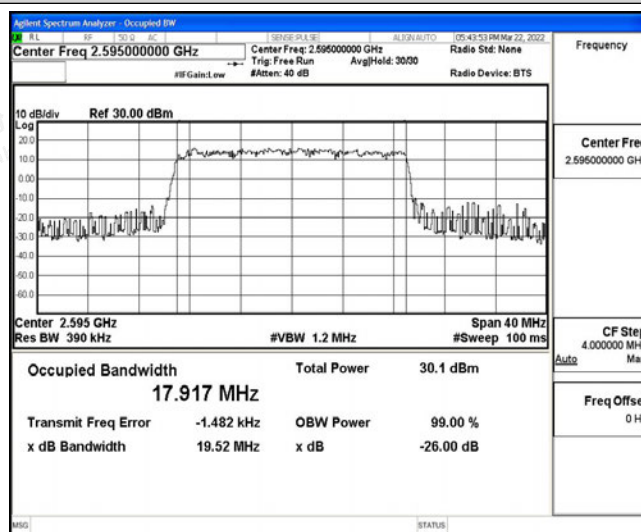
Scan code to check authenticity



Band38-20MHz-QPSK-37850-100RB#0



Band38-20MHz-QPSK-38000-100RB#0



Band38-20MHz-QPSK-38150-100RB#0

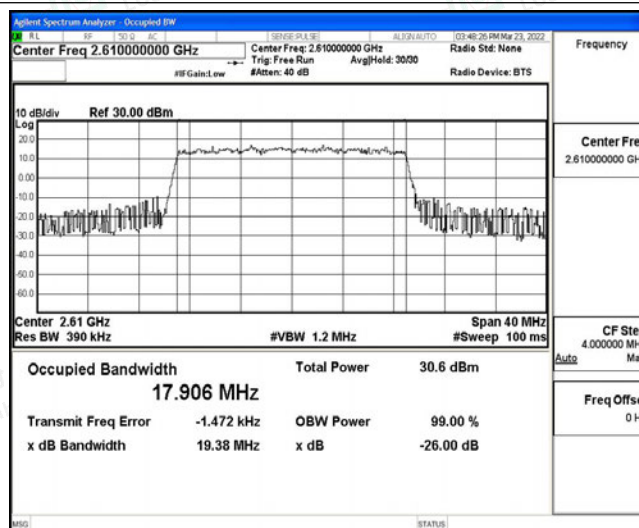


Shenzhen LCS Compliance Testing Laboratory Ltd.

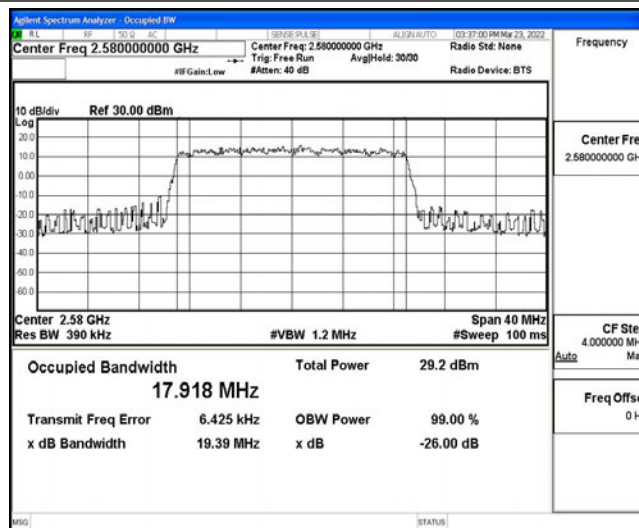
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

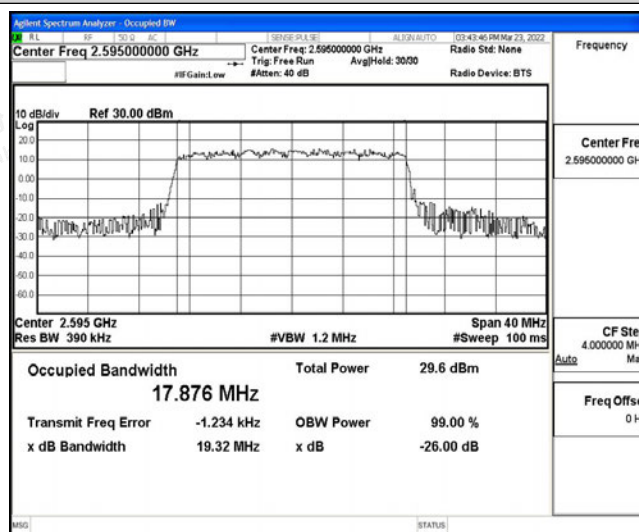
Scan code to check authenticity



Band38-20MHz-16QAM-37850-100RB#0



Band38-20MHz-16QAM-38000-100RB#0



Band38-20MHz-16QAM-38150-100RB#0

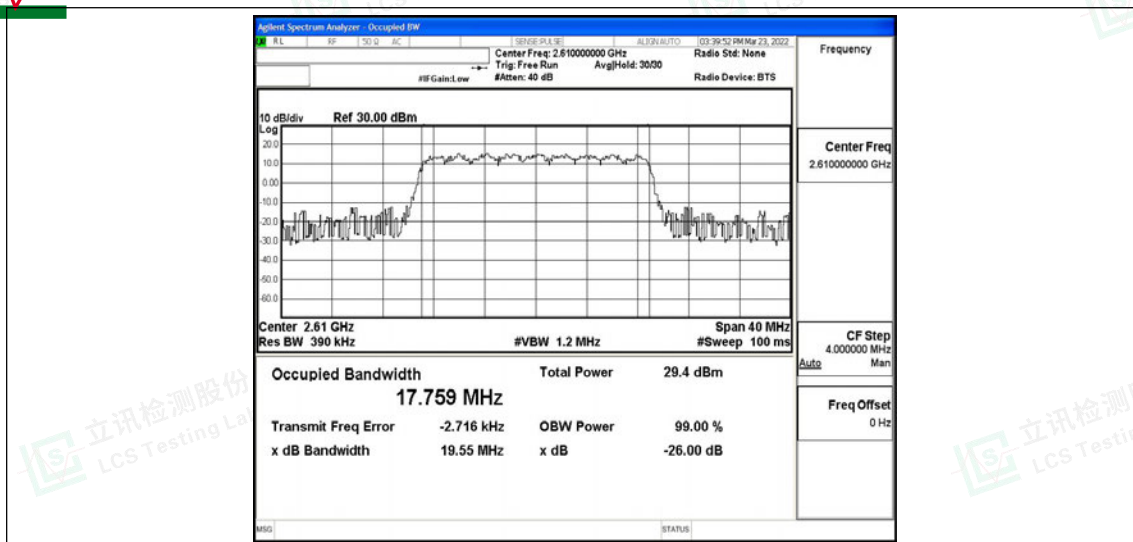


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

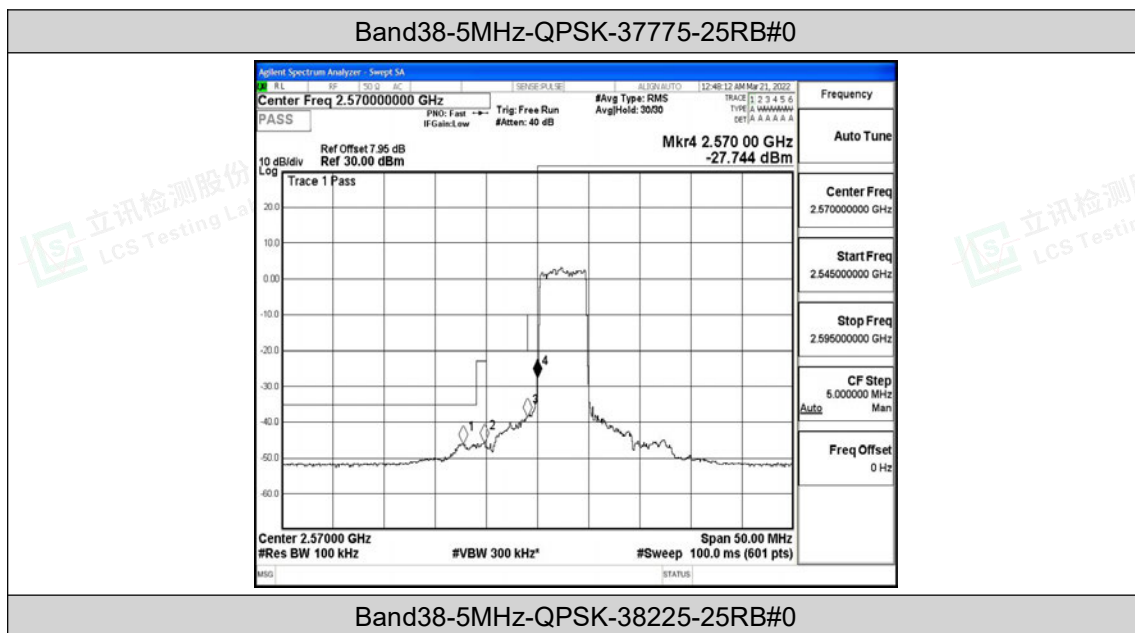


E.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	-46.15,-45.77,-38.65,-27.74	PASS
Band38	5MHz	QPSK	38225	25RB#0	-30.31,-38.80,-44.96,-44.65	PASS
Band38	5MHz	16QAM	37775	25RB#0	-46.75,-46.04,-38.54,-30.08	PASS
Band38	5MHz	16QAM	38225	25RB#0	-31.05,-39.02,-44.37,-44.96	PASS
Band38	10MHz	QPSK	37800	50RB#0	-44.15,-41.90,-38.14,-31.41	PASS
Band38	10MHz	QPSK	38200	50RB#0	-31.15,-37.12,-40.02,-43.45	PASS
Band38	10MHz	16QAM	37800	50RB#0	-45.17,-41.19,-38.47,-34.34	PASS
Band38	10MHz	16QAM	38200	50RB#0	-33.13,-38.21,-40.72,-43.01	PASS
Band38	15MHz	QPSK	37825	75RB#0	-42.57,-39.76,-35.82,-31.61	PASS
Band38	15MHz	QPSK	38175	75RB#0	-33.10,-35.93,-39.48,-42.08	PASS
Band38	15MHz	16QAM	37825	75RB#0	-46.61,-39.53,-36.11,-34.32	PASS
Band38	15MHz	16QAM	38175	75RB#0	-31.89,-35.95,-39.24,-42.38	PASS
Band38	20MHz	QPSK	37850	100RB#0	-43.88,-38.81,-37.44,-35.37	PASS
Band38	20MHz	QPSK	38150	100RB#0	-36.42,-37.28,-39.30,-42.99	PASS
Band38	20MHz	16QAM	37850	100RB#0	-43.32,-39.44,-37.53,-36.75	PASS
Band38	20MHz	16QAM	38150	100RB#0	-36.22,-38.22,-38.80,-45.43	PASS

Test Graphs

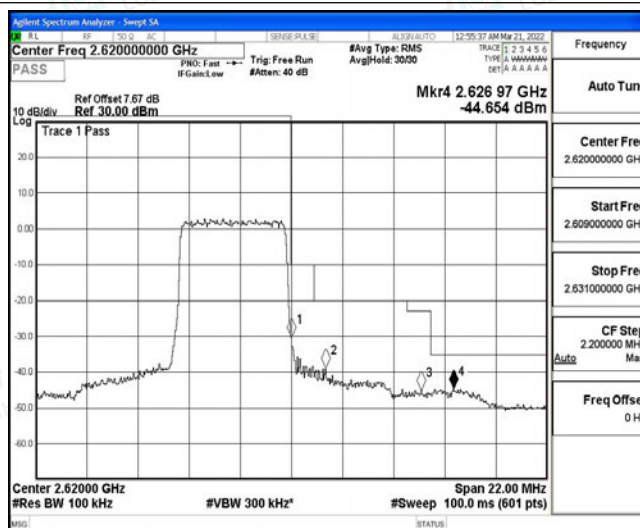


Shenzhen LCS Compliance Testing Laboratory Ltd.

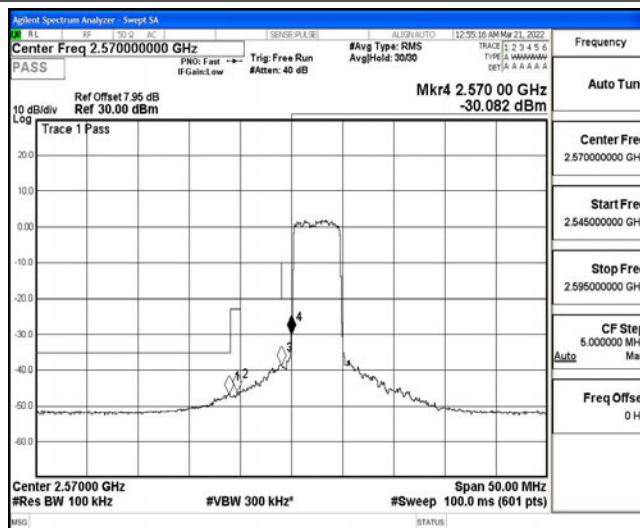
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

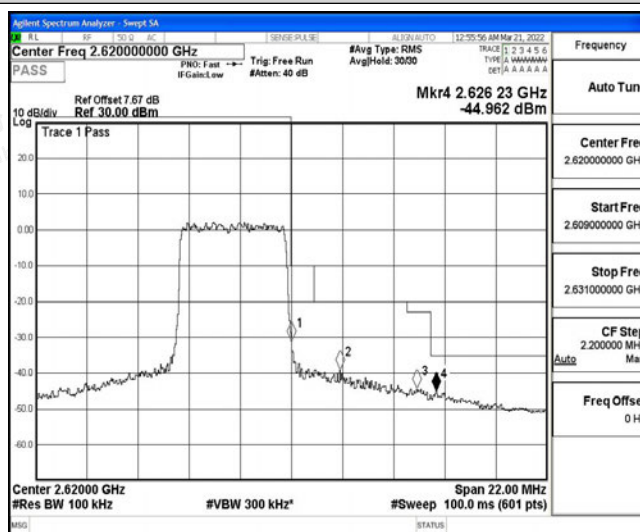
Scan code to check authenticity



Band38-5MHz-16QAM-37775-25RB#0



Band38-5MHz-16QAM-38225-25RB#0



Band38-10MHz-QPSK-37800-50RB#0

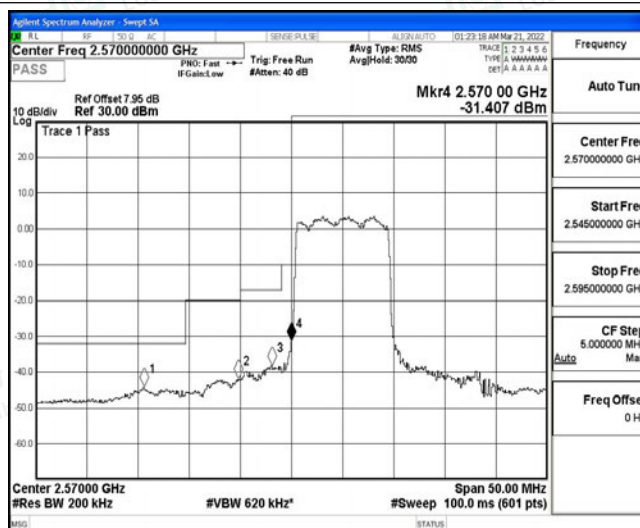


Shenzhen LCS Compliance Testing Laboratory Ltd.

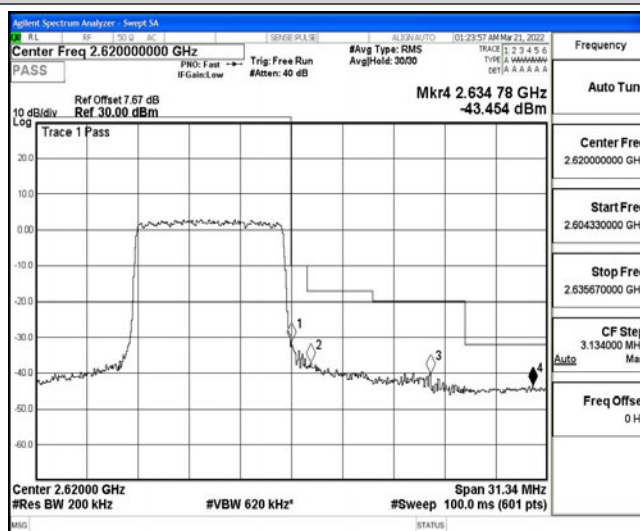
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

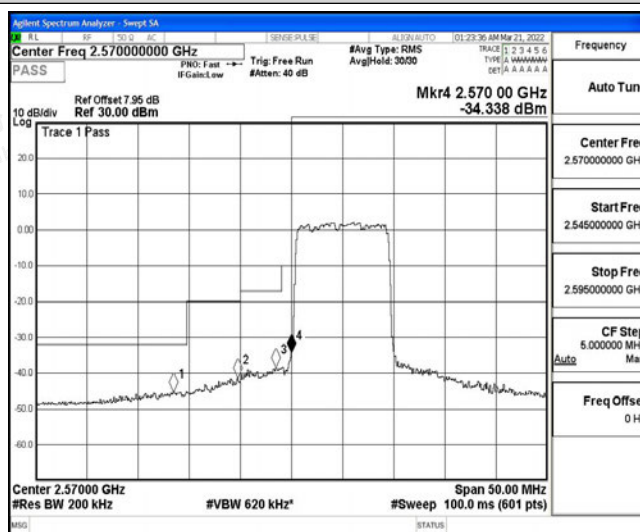
Scan code to check authenticity



Band38-10MHz-QPSK-38200-50RB#0



Band38-10MHz-16QAM-37800-50RB#0



Band38-10MHz-16QAM-38200-50RB#0

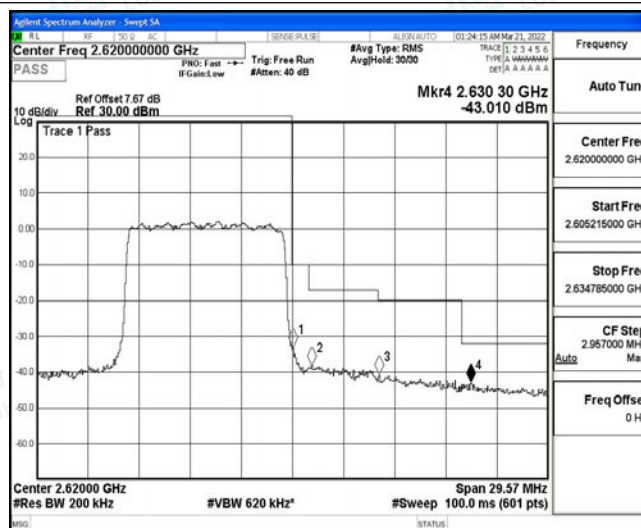


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

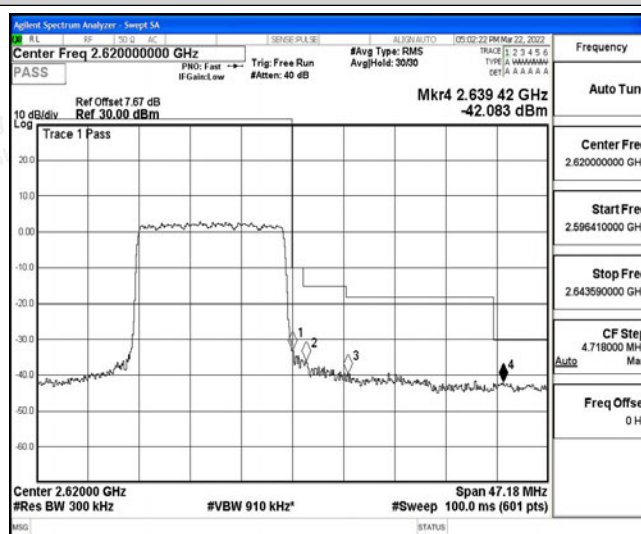
Scan code to check authenticity



Band38-15MHz-QPSK-37825-75RB#0



Band38-15MHz-QPSK-38175-75RB#0



Band38-15MHz-16QAM-37825-75RB#0

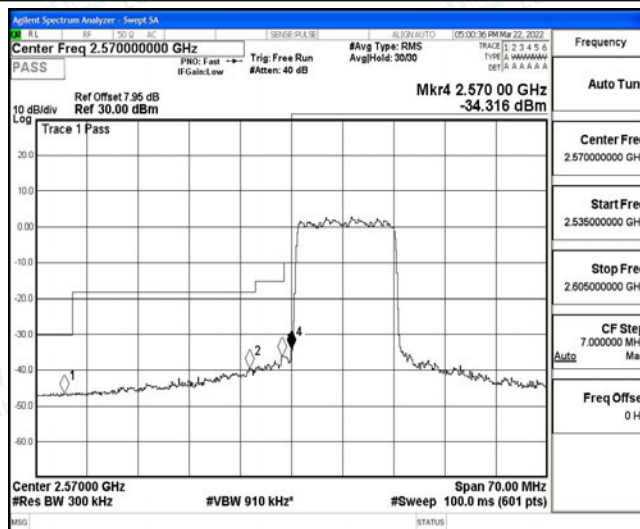


Shenzhen LCS Compliance Testing Laboratory Ltd.

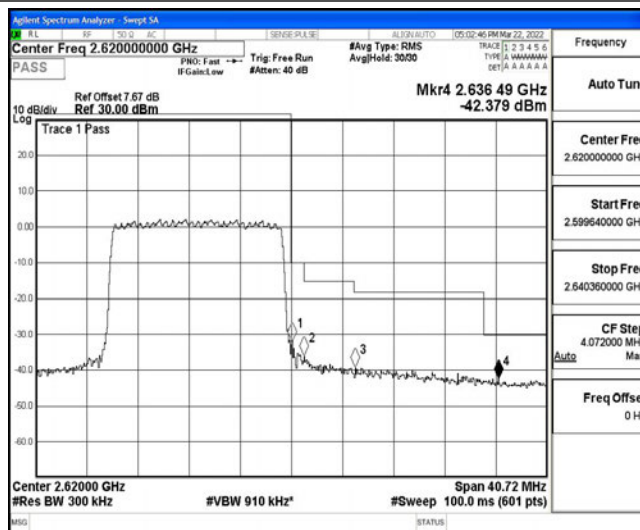
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

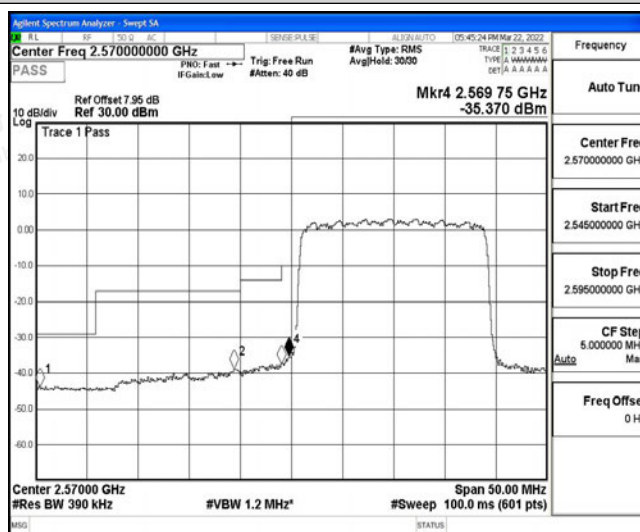
Scan code to check authenticity



Band38-15MHz-16QAM-38175-75RB#0



Band38-20MHz-QPSK-37850-100RB#0



Band38-20MHz-QPSK-38150-100RB#0

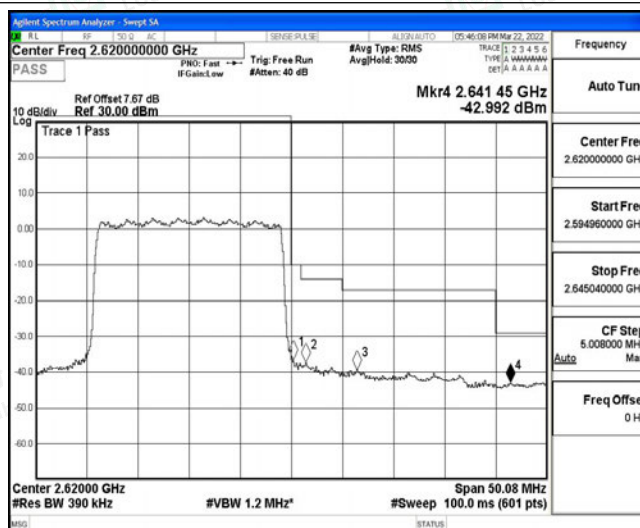


Shenzhen LCS Compliance Testing Laboratory Ltd.

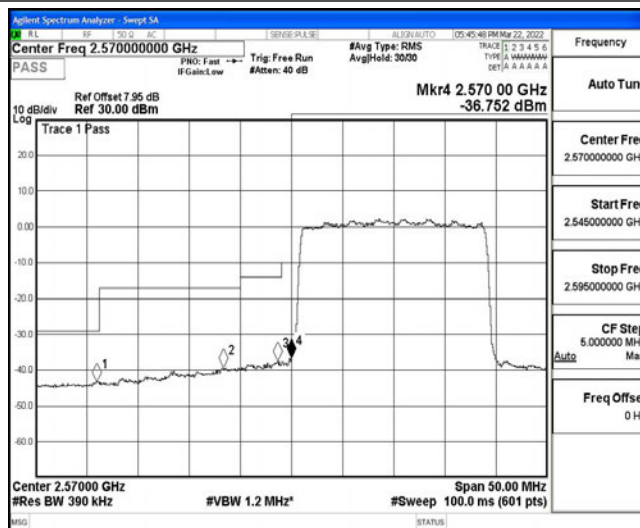
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

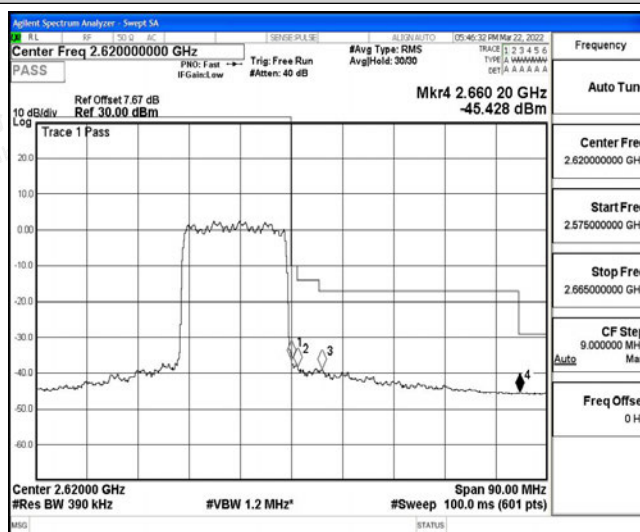
Scan code to check authenticity



Band38-20MHz-16QAM-37850-100RB#0



Band38-20MHz-16QAM-38150-100RB#0



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



E.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	Range1:0.009~0.15MHz	-64.41	PASS
Band38	5MHz	QPSK	37775	1RB#0	Range2:0.15~30MHz	-50.97	PASS
Band38	5MHz	QPSK	37775	1RB#0	Range3:30~1000MHz	-41.51	PASS
Band38	5MHz	QPSK	37775	1RB#0	Range4:1000~10000MHz	-44.79	PASS
Band38	5MHz	QPSK	37775	1RB#0	Range5:10000~20000MHz	-49.13	PASS
Band38	5MHz	QPSK	37775	1RB#0	Range6:20000~26500MHz	-36.76	PASS
Band38	5MHz	QPSK	38000	1RB#0	Range1:0.009~0.15MHz	-65.76	PASS
Band38	5MHz	QPSK	38000	1RB#0	Range2:0.15~30MHz	-53.29	PASS
Band38	5MHz	QPSK	38000	1RB#0	Range3:30~1000MHz	-42.69	PASS
Band38	5MHz	QPSK	38000	1RB#0	Range4:1000~10000MHz	-44.88	PASS
Band38	5MHz	QPSK	38000	1RB#0	Range5:10000~20000MHz	-49.04	PASS
Band38	5MHz	QPSK	38000	1RB#0	Range6:20000~26500MHz	-37.02	PASS
Band38	5MHz	QPSK	38225	1RB#0	Range1:0.009~0.15MHz	-66.03	PASS
Band38	5MHz	QPSK	38225	1RB#0	Range2:0.15~30MHz	-51.89	PASS
Band38	5MHz	QPSK	38225	1RB#0	Range3:30~1000MHz	-41.52	PASS
Band38	5MHz	QPSK	38225	1RB#0	Range4:1000~10000MHz	-44.84	PASS
Band38	5MHz	QPSK	38225	1RB#0	Range5:10000~20000MHz	-49.07	PASS
Band38	5MHz	QPSK	38225	1RB#0	Range6:20000~26500MHz	-36.86	PASS
Band38	5MHz	16QAM	37775	1RB#0	Range1:0.009~0.15MHz	-63.85	PASS
Band38	5MHz	16QAM	37775	1RB#0	Range2:0.15~30MHz	-51.17	PASS
Band38	5MHz	16QAM	37775	1RB#0	Range3:30~1000MHz	-41.94	PASS
Band38	5MHz	16QAM	37775	1RB#0	Range4:1000~10000MHz	-44.84	PASS
Band38	5MHz	16QAM	37775	1RB#0	Range5:10000~20000MHz	-49.13	PASS
Band38	5MHz	16QAM	37775	1RB#0	Range6:20000~26500MHz	-37.08	PASS
Band38	5MHz	16QAM	38000	1RB#0	Range1:0.009~0.15MHz	-65.03	PASS
Band38	5MHz	16QAM	38000	1RB#0	Range2:0.15~30MHz	-50.29	PASS
Band38	5MHz	16QAM	38000	1RB#0	Range3:30~1000MHz	-42.36	PASS
Band38	5MHz	16QAM	38000	1RB#0	Range4:1000~10000MHz	-44.99	PASS
Band38	5MHz	16QAM	38000	1RB#0	Range5:10000~20000MHz	-49.01	PASS
Band38	5MHz	16QAM	38000	1RB#0	Range6:20000~26500MHz	-36.9	PASS
Band38	5MHz	16QAM	38225	1RB#0	Range1:0.009~0.15MHz	-66.28	PASS
Band38	5MHz	16QAM	38225	1RB#0	Range2:0.15~30MHz	-51.92	PASS
Band38	5MHz	16QAM	38225	1RB#0	Range3:30~1000MHz	-42.32	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



Band38	5MHz	16QAM	38225	1RB#0	Range4:1000~10000MHz	-44.93	PASS
Band38	5MHz	16QAM	38225	1RB#0	Range5:10000~20000MHz	-49.06	PASS
Band38	5MHz	16QAM	38225	1RB#0	Range6:20000~26500MHz	-36.92	PASS
Band38	10MHz	QPSK	37800	1RB#0	Range1:0.009~0.15MHz	-65.98	PASS
Band38	10MHz	QPSK	37800	1RB#0	Range2:0.15~30MHz	-50.95	PASS
Band38	10MHz	QPSK	37800	1RB#0	Range3:30~1000MHz	-41.35	PASS
Band38	10MHz	QPSK	37800	1RB#0	Range4:1000~10000MHz	-44.99	PASS
Band38	10MHz	QPSK	37800	1RB#0	Range5:10000~20000MHz	-49.18	PASS
Band38	10MHz	QPSK	37800	1RB#0	Range6:20000~26500MHz	-36.88	PASS
Band38	10MHz	QPSK	38000	1RB#0	Range1:0.009~0.15MHz	-65.69	PASS
Band38	10MHz	QPSK	38000	1RB#0	Range2:0.15~30MHz	-49.51	PASS
Band38	10MHz	QPSK	38000	1RB#0	Range3:30~1000MHz	-42.13	PASS
Band38	10MHz	QPSK	38000	1RB#0	Range4:1000~10000MHz	-44.91	PASS
Band38	10MHz	QPSK	38000	1RB#0	Range5:10000~20000MHz	-49.23	PASS
Band38	10MHz	QPSK	38000	1RB#0	Range6:20000~26500MHz	-36.93	PASS
Band38	10MHz	QPSK	38200	1RB#0	Range1:0.009~0.15MHz	-65.92	PASS
Band38	10MHz	QPSK	38200	1RB#0	Range2:0.15~30MHz	-51.58	PASS
Band38	10MHz	QPSK	38200	1RB#0	Range3:30~1000MHz	-41.57	PASS
Band38	10MHz	QPSK	38200	1RB#0	Range4:1000~10000MHz	-44.91	PASS
Band38	10MHz	QPSK	38200	1RB#0	Range5:10000~20000MHz	-49.28	PASS
Band38	10MHz	QPSK	38200	1RB#0	Range6:20000~26500MHz	-36.97	PASS
Band38	10MHz	16QAM	37800	1RB#0	Range1:0.009~0.15MHz	-65.62	PASS
Band38	10MHz	16QAM	37800	1RB#0	Range2:0.15~30MHz	-52.47	PASS
Band38	10MHz	16QAM	37800	1RB#0	Range3:30~1000MHz	-42.02	PASS
Band38	10MHz	16QAM	37800	1RB#0	Range4:1000~10000MHz	-44.66	PASS
Band38	10MHz	16QAM	37800	1RB#0	Range5:10000~20000MHz	-49.17	PASS
Band38	10MHz	16QAM	37800	1RB#0	Range6:20000~26500MHz	-36.93	PASS
Band38	10MHz	16QAM	38000	1RB#0	Range1:0.009~0.15MHz	-66.2	PASS
Band38	10MHz	16QAM	38000	1RB#0	Range2:0.15~30MHz	-52.15	PASS
Band38	10MHz	16QAM	38000	1RB#0	Range3:30~1000MHz	-42.39	PASS
Band38	10MHz	16QAM	38000	1RB#0	Range4:1000~10000MHz	-44.88	PASS
Band38	10MHz	16QAM	38000	1RB#0	Range5:10000~20000MHz	-49.08	PASS
Band38	10MHz	16QAM	38000	1RB#0	Range6:20000~26500MHz	-36.85	PASS
Band38	10MHz	16QAM	38200	1RB#0	Range1:0.009~0.15MHz	-64.04	PASS
Band38	10MHz	16QAM	38200	1RB#0	Range2:0.15~30MHz	-50.73	PASS
Band38	10MHz	16QAM	38200	1RB#0	Range3:30~1000MHz	-42.1	PASS
Band38	10MHz	16QAM	38200	1RB#0	Range4:1000~10000MHz	-44.88	PASS
Band38	10MHz	16QAM	38200	1RB#0	Range5:10000~20000MHz	-49.15	PASS
Band38	10MHz	16QAM	38200	1RB#0	Range6:20000~26500MHz	-36.88	PASS
Band38	15MHz	QPSK	37825	1RB#0	Range1:0.009~0.15MHz	-65.36	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity



Band38	15MHz	QPSK	37825	1RB#0	Range2:0.15~30MHz	-49.66	PASS
Band38	15MHz	QPSK	37825	1RB#0	Range3:30~1000MHz	-42.15	PASS
Band38	15MHz	QPSK	37825	1RB#0	Range4:1000~10000MHz	-44.9	PASS
Band38	15MHz	QPSK	37825	1RB#0	Range5:10000~20000MHz	-49.14	PASS
Band38	15MHz	QPSK	37825	1RB#0	Range6:20000~26500MHz	-37.02	PASS
Band38	15MHz	QPSK	38000	1RB#0	Range1:0.009~0.15MHz	-66.19	PASS
Band38	15MHz	QPSK	38000	1RB#0	Range2:0.15~30MHz	-52.38	PASS
Band38	15MHz	QPSK	38000	1RB#0	Range3:30~1000MHz	-41.97	PASS
Band38	15MHz	QPSK	38000	1RB#0	Range4:1000~10000MHz	-44.92	PASS
Band38	15MHz	QPSK	38000	1RB#0	Range5:10000~20000MHz	-49.22	PASS
Band38	15MHz	QPSK	38000	1RB#0	Range6:20000~26500MHz	-37.14	PASS
Band38	15MHz	QPSK	38175	1RB#0	Range1:0.009~0.15MHz	-65.75	PASS
Band38	15MHz	QPSK	38175	1RB#0	Range2:0.15~30MHz	-51.32	PASS
Band38	15MHz	QPSK	38175	1RB#0	Range3:30~1000MHz	-40.26	PASS
Band38	15MHz	QPSK	38175	1RB#0	Range4:1000~10000MHz	-44.89	PASS
Band38	15MHz	QPSK	38175	1RB#0	Range5:10000~20000MHz	-49.09	PASS
Band38	15MHz	QPSK	38175	1RB#0	Range6:20000~26500MHz	-37.06	PASS
Band38	15MHz	16QAM	37825	1RB#0	Range1:0.009~0.15MHz	-66.19	PASS
Band38	15MHz	16QAM	37825	1RB#0	Range2:0.15~30MHz	-50.71	PASS
Band38	15MHz	16QAM	37825	1RB#0	Range3:30~1000MHz	-41.64	PASS
Band38	15MHz	16QAM	37825	1RB#0	Range4:1000~10000MHz	-44.91	PASS
Band38	15MHz	16QAM	37825	1RB#0	Range5:10000~20000MHz	-49.2	PASS
Band38	15MHz	16QAM	37825	1RB#0	Range6:20000~26500MHz	-37.03	PASS
Band38	15MHz	16QAM	38000	1RB#0	Range1:0.009~0.15MHz	-66.04	PASS
Band38	15MHz	16QAM	38000	1RB#0	Range2:0.15~30MHz	-50.55	PASS
Band38	15MHz	16QAM	38000	1RB#0	Range3:30~1000MHz	-41.81	PASS
Band38	15MHz	16QAM	38000	1RB#0	Range4:1000~10000MHz	-44.86	PASS
Band38	15MHz	16QAM	38000	1RB#0	Range5:10000~20000MHz	-49.07	PASS
Band38	15MHz	16QAM	38000	1RB#0	Range6:20000~26500MHz	-36.89	PASS
Band38	15MHz	16QAM	38175	1RB#0	Range1:0.009~0.15MHz	-64.28	PASS
Band38	15MHz	16QAM	38175	1RB#0	Range2:0.15~30MHz	-49.51	PASS
Band38	15MHz	16QAM	38175	1RB#0	Range3:30~1000MHz	-41.43	PASS
Band38	15MHz	16QAM	38175	1RB#0	Range4:1000~10000MHz	-45.01	PASS
Band38	15MHz	16QAM	38175	1RB#0	Range5:10000~20000MHz	-49.15	PASS
Band38	15MHz	16QAM	38175	1RB#0	Range6:20000~26500MHz	-37.03	PASS
Band38	20MHz	QPSK	37850	1RB#0	Range1:0.009~0.15MHz	-65.72	PASS
Band38	20MHz	QPSK	37850	1RB#0	Range2:0.15~30MHz	-50.7	PASS
Band38	20MHz	QPSK	37850	1RB#0	Range3:30~1000MHz	-41.59	PASS
Band38	20MHz	QPSK	37850	1RB#0	Range4:1000~10000MHz	-44.91	PASS
Band38	20MHz	QPSK	37850	1RB#0	Range5:10000~20000MHz	-49.06	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



Band38	20MHz	QPSK	37850	1RB#0	Range6:20000~26500MHz	-37.07	PASS
Band38	20MHz	QPSK	38000	1RB#0	Range1:0.009~0.15MHz	-67.36	PASS
Band38	20MHz	QPSK	38000	1RB#0	Range2:0.15~30MHz	-51.81	PASS
Band38	20MHz	QPSK	38000	1RB#0	Range3:30~1000MHz	-42.9	PASS
Band38	20MHz	QPSK	38000	1RB#0	Range4:1000~10000MHz	-44.83	PASS
Band38	20MHz	QPSK	38000	1RB#0	Range5:10000~20000MHz	-49.31	PASS
Band38	20MHz	QPSK	38000	1RB#0	Range6:20000~26500MHz	-37.02	PASS
Band38	20MHz	QPSK	38150	1RB#0	Range1:0.009~0.15MHz	-64.47	PASS
Band38	20MHz	QPSK	38150	1RB#0	Range2:0.15~30MHz	-51.46	PASS
Band38	20MHz	QPSK	38150	1RB#0	Range3:30~1000MHz	-41.28	PASS
Band38	20MHz	QPSK	38150	1RB#0	Range4:1000~10000MHz	-44.91	PASS
Band38	20MHz	QPSK	38150	1RB#0	Range5:10000~20000MHz	-48.94	PASS
Band38	20MHz	QPSK	38150	1RB#0	Range6:20000~26500MHz	-37.06	PASS
Band38	20MHz	16QAM	37850	1RB#0	Range1:0.009~0.15MHz	-66.04	PASS
Band38	20MHz	16QAM	37850	1RB#0	Range2:0.15~30MHz	-50.43	PASS
Band38	20MHz	16QAM	37850	1RB#0	Range3:30~1000MHz	-41.12	PASS
Band38	20MHz	16QAM	37850	1RB#0	Range4:1000~10000MHz	-44.86	PASS
Band38	20MHz	16QAM	37850	1RB#0	Range5:10000~20000MHz	-49.2	PASS
Band38	20MHz	16QAM	37850	1RB#0	Range6:20000~26500MHz	-36.94	PASS
Band38	20MHz	16QAM	38000	1RB#0	Range1:0.009~0.15MHz	-65.27	PASS
Band38	20MHz	16QAM	38000	1RB#0	Range2:0.15~30MHz	-51.27	PASS
Band38	20MHz	16QAM	38000	1RB#0	Range3:30~1000MHz	-42	PASS
Band38	20MHz	16QAM	38000	1RB#0	Range4:1000~10000MHz	-44.86	PASS
Band38	20MHz	16QAM	38000	1RB#0	Range5:10000~20000MHz	-49.18	PASS
Band38	20MHz	16QAM	38000	1RB#0	Range6:20000~26500MHz	-36.9	PASS
Band38	20MHz	16QAM	38150	1RB#0	Range1:0.009~0.15MHz	-64.64	PASS
Band38	20MHz	16QAM	38150	1RB#0	Range2:0.15~30MHz	-50.76	PASS
Band38	20MHz	16QAM	38150	1RB#0	Range3:30~1000MHz	-41.78	PASS
Band38	20MHz	16QAM	38150	1RB#0	Range4:1000~10000MHz	-44.87	PASS
Band38	20MHz	16QAM	38150	1RB#0	Range5:10000~20000MHz	-49.26	PASS
Band38	20MHz	16QAM	38150	1RB#0	Range6:20000~26500MHz	-37.07	PASS

Test Graphs

Band38-5MHz-QPSK-37775-1RB#0-Range1:0.009~0.15MHz

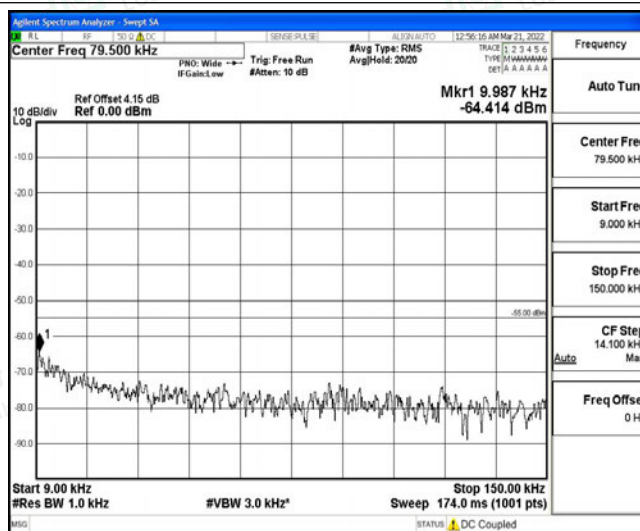


Shenzhen LCS Compliance Testing Laboratory Ltd.

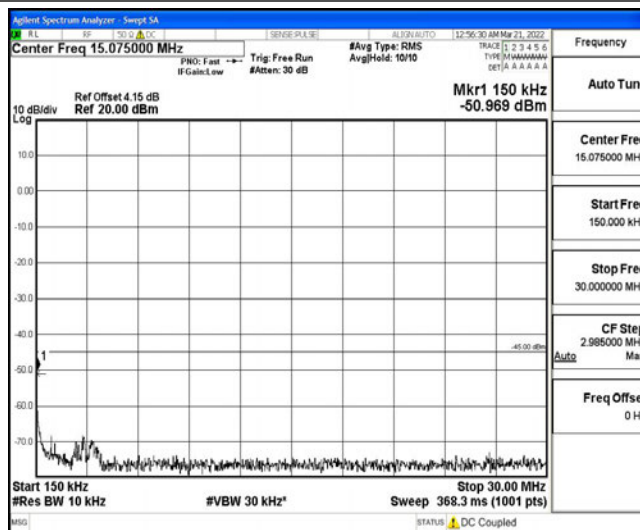
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

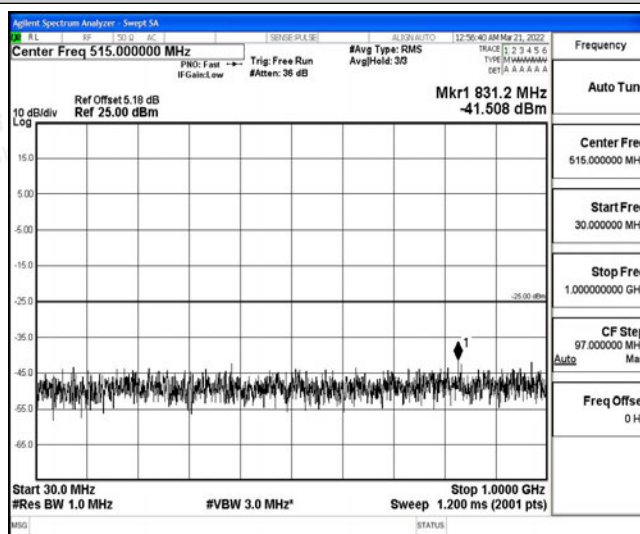
Scan code to check authenticity



Band38-5MHz-QPSK-37775-1RB#0-Range2:0.15~30MHz



Band38-5MHz-QPSK-37775-1RB#0-Range3:30~1000MHz



Band38-5MHz-QPSK-37775-1RB#0-Range4:1000~10000MHz



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