



Appendix H: Test Data for E-UTRA Band 5

Product Name: Smart Phone

Test Model: HPPL63A

Environmental Conditions

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



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



H.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.60	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.48	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.54	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.56	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.78	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.61	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.99	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.60	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.98	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.54	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.46	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.89	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.70	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.76	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.49	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.84	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.56	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.92	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.42	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.88	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	23.28	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.88	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	23.31	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.72	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	23.11	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.98	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.47	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.38	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.56	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.05	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.76	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	21.94	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.83	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



Band5	1.4MHz	QPSK	20643	3RB#0	23.41	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.71	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.41	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.72	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.46	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.24	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.75	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.31	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.38	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.76	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.42	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.81	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.42	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.85	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.60	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.16	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.68	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.19	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.58	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.15	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.54	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.91	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.74	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.31	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.69	PASS
Band5	3MHz	16QAM	20525	1RB#8	23.14	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.82	PASS
Band5	3MHz	16QAM	20525	1RB#14	23.23	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.69	PASS
Band5	3MHz	16QAM	20525	8RB#0	22.36	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.72	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.37	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.84	PASS
Band5	3MHz	16QAM	20525	8RB#7	22.44	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.76	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.04	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.44	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.61	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.33	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.47	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



Band5	3MHz	QPSK	20635	1RB#14	21.93	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.78	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.87	PASS
Band5	3MHz	16QAM	20635	8RB#0	22.22	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.78	PASS
Band5	3MHz	16QAM	20635	8RB#4	22.22	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.60	PASS
Band5	3MHz	16QAM	20635	8RB#7	22.16	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.66	PASS
Band5	3MHz	16QAM	20635	15RB#0	22.06	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.38	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.32	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.55	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.32	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.69	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.41	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.57	PASS
Band5	5MHz	16QAM	20425	12RB#0	22.03	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.57	PASS
Band5	5MHz	16QAM	20425	12RB#6	22.03	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.46	PASS
Band5	5MHz	16QAM	20425	12RB#13	22.00	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.54	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.17	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.37	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.41	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.53	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.44	PASS
Band5	5MHz	QPSK	20525	1RB#24	24.00	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.21	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.77	PASS
Band5	5MHz	16QAM	20525	12RB#0	22.14	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.75	PASS
Band5	5MHz	16QAM	20525	12RB#6	22.15	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.75	PASS
Band5	5MHz	16QAM	20525	12RB#13	22.44	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.80	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.06	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.64	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.07	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



Band5	5MHz	QPSK	20625	1RB#12	23.46	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.95	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.42	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.08	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.91	PASS
Band5	5MHz	16QAM	20625	12RB#0	22.34	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.91	PASS
Band5	5MHz	16QAM	20625	12RB#6	22.37	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.79	PASS
Band5	5MHz	16QAM	20625	12RB#13	22.20	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.98	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.33	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.39	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.93	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.52	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.96	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.48	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.12	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.60	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.94	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.52	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.93	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.59	PASS
Band5	10MHz	16QAM	20450	25RB#25	22.02	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.54	PASS
Band5	10MHz	16QAM	20450	50RB#0	22.03	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.58	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.12	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.69	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.29	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.76	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.29	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.75	PASS
Band5	10MHz	16QAM	20525	25RB#0	22.28	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.62	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.29	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.77	PASS
Band5	10MHz	16QAM	20525	25RB#25	22.42	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.89	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.39	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



Band5	10MHz	QPSK	20600	1RB#0	23.75	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.78	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.67	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.64	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.02	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.74	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.78	PASS
Band5	10MHz	16QAM	20600	25RB#0	22.40	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.87	PASS
Band5	10MHz	16QAM	20600	25RB#12	22.26	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.84	PASS
Band5	10MHz	16QAM	20600	25RB#25	22.56	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.89	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.39	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



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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	3.53	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	4.62	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	4.58	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.38	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3.80	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	4.75	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	4.71	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.55	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	2.68	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3.91	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3.69	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	4.60	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	3.51	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	4.43	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	4.89	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.68	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	3.88	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	4.80	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	4.83	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.61	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	3.20	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	4.41	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.02	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	4.95	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.02	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.74	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.73	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.34	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.80	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	4.92	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.60	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.15	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	3.62	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	4.54	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.42	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



Band5	10MHz	16QAM	20450	50RB#0	6.13	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.42	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.31	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.24	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	3.93	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	4.32	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.14	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.73	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.98	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	3.81	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	4.93	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.02	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.80	13	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

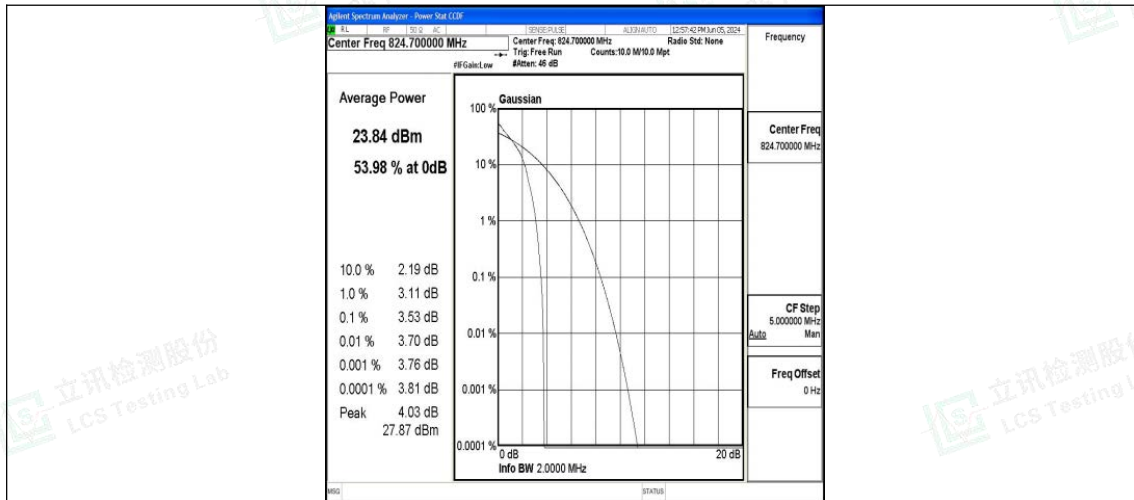
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

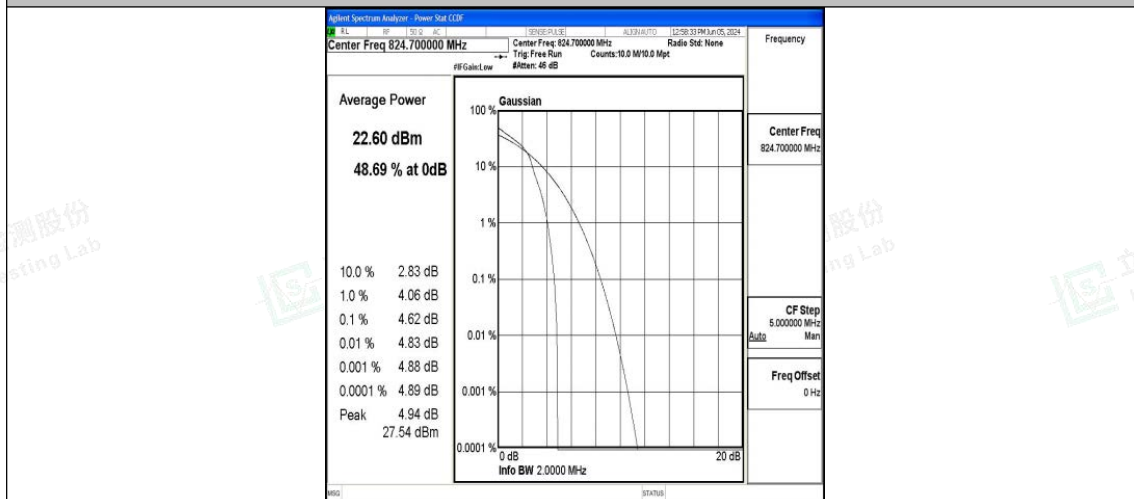
Scan code to check authenticity



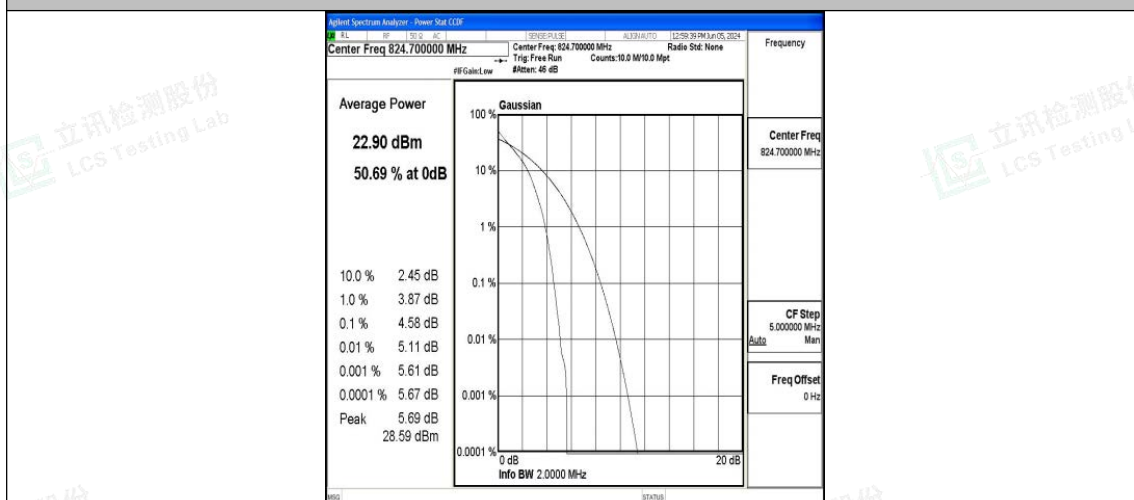
Test Graphs



Band5-1.4MHz-QPSK-20407-1RB#0-PASS



Band5-1.4MHz-16QAM-20407-1RB#0-PASS



Band5-1.4MHz-QPSK-20407-6RB#0-PASS

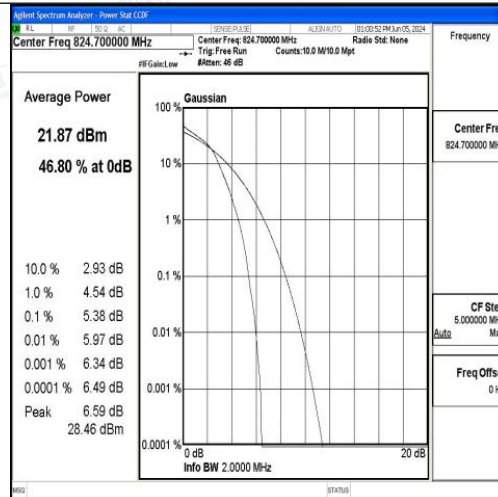


Shenzhen LCS Compliance Testing Laboratory Ltd.

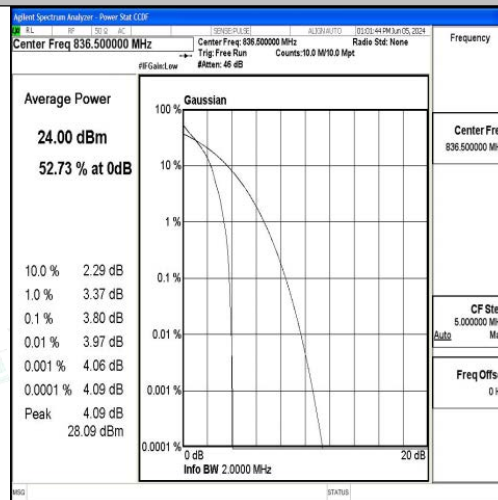
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

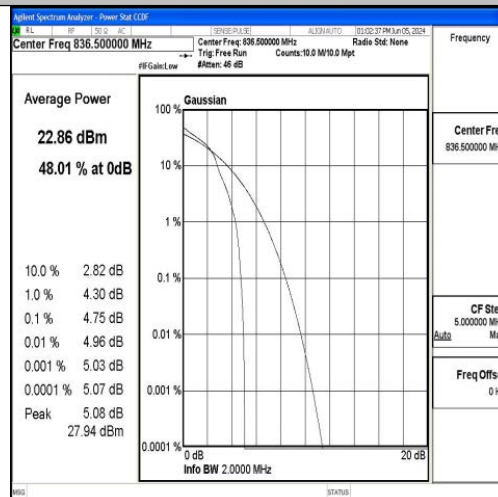
Scan code to check authenticity



Band5-1.4MHz-16QAM-20407-6RB#0-PASS



Band5-1.4MHz-QPSK-20525-1RB#0-PASS



Band5-1.4MHz-16QAM-20525-1RB#0-PASS

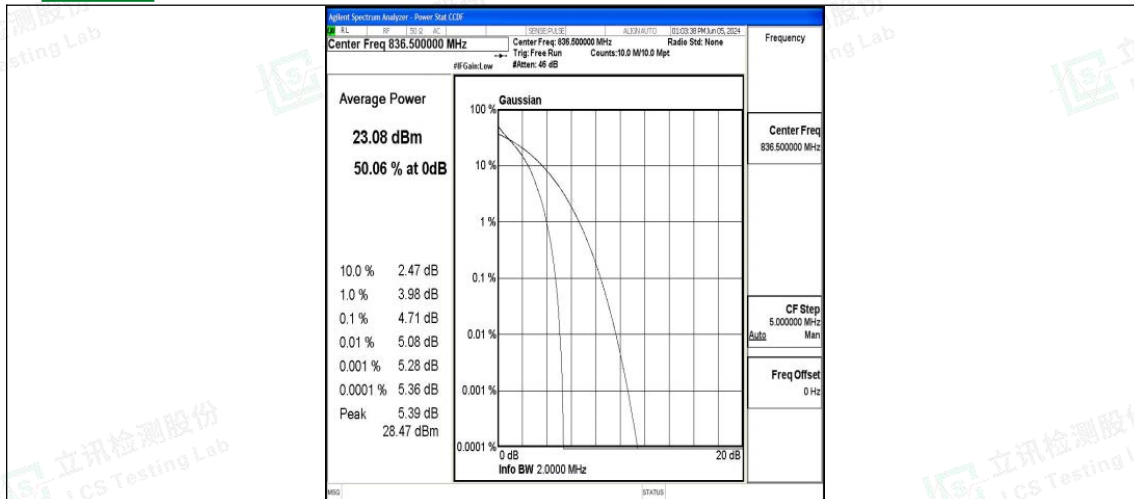


Shenzhen LCS Compliance Testing Laboratory Ltd.

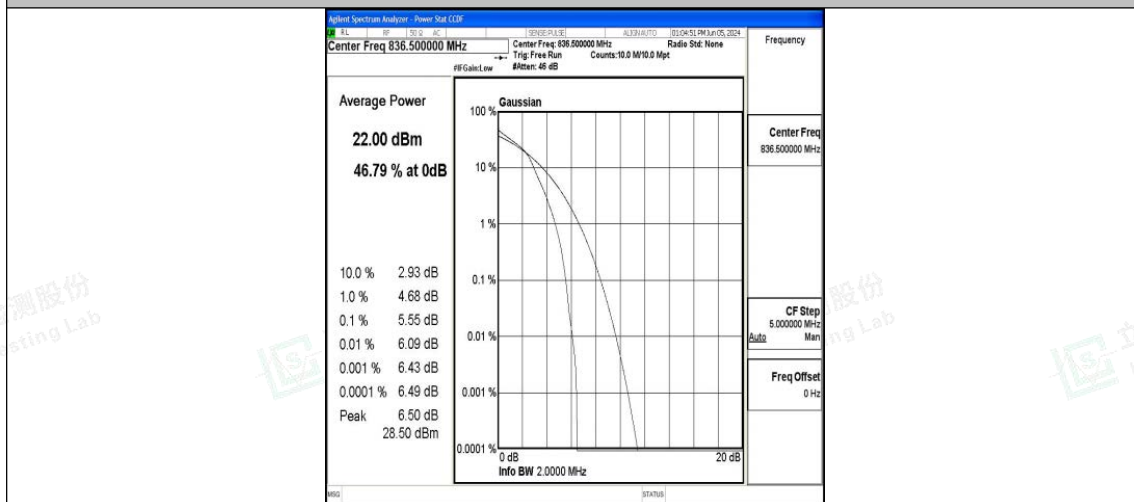
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

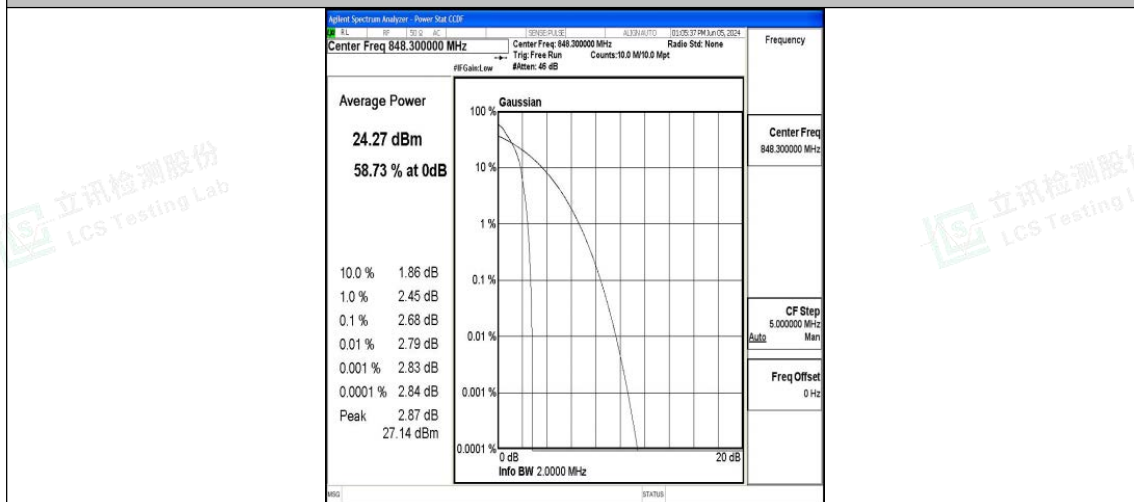
Scan code to check authenticity



Band5-1.4MHz-QPSK-20525-6RB#0-PASS



Band5-1.4MHz-16QAM-20525-6RB#0-PASS



Band5-1.4MHz-QPSK-20643-1RB#0-PASS

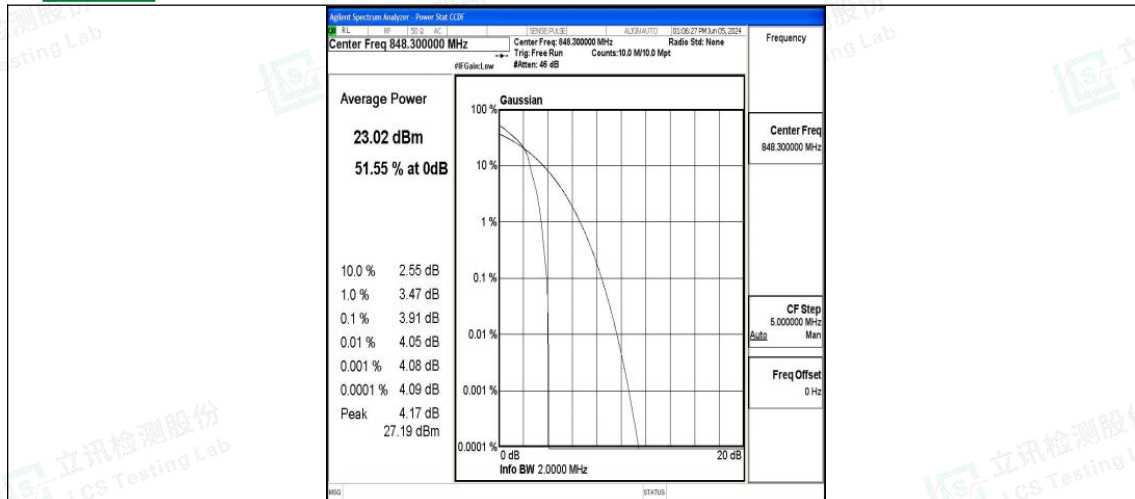


Shenzhen LCS Compliance Testing Laboratory Ltd.

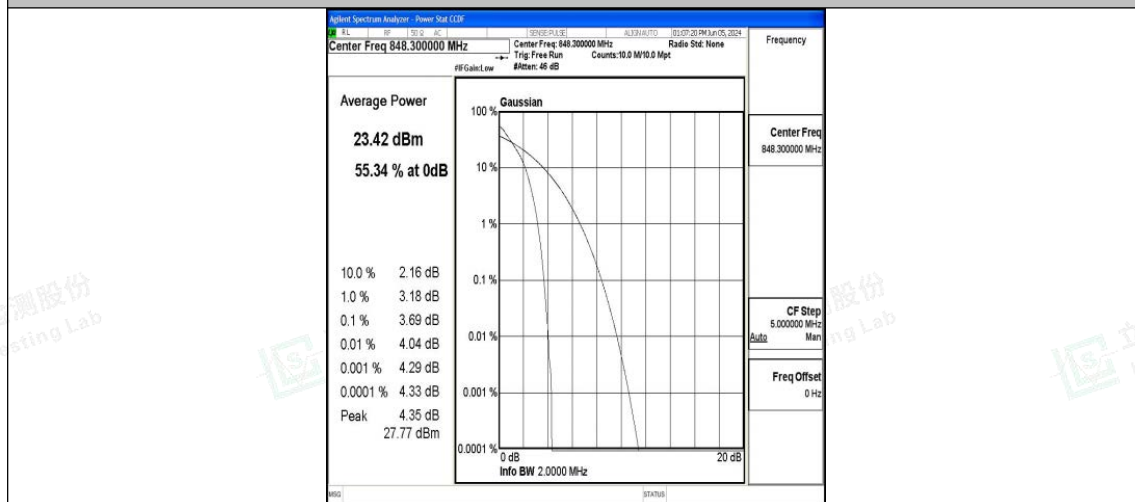
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

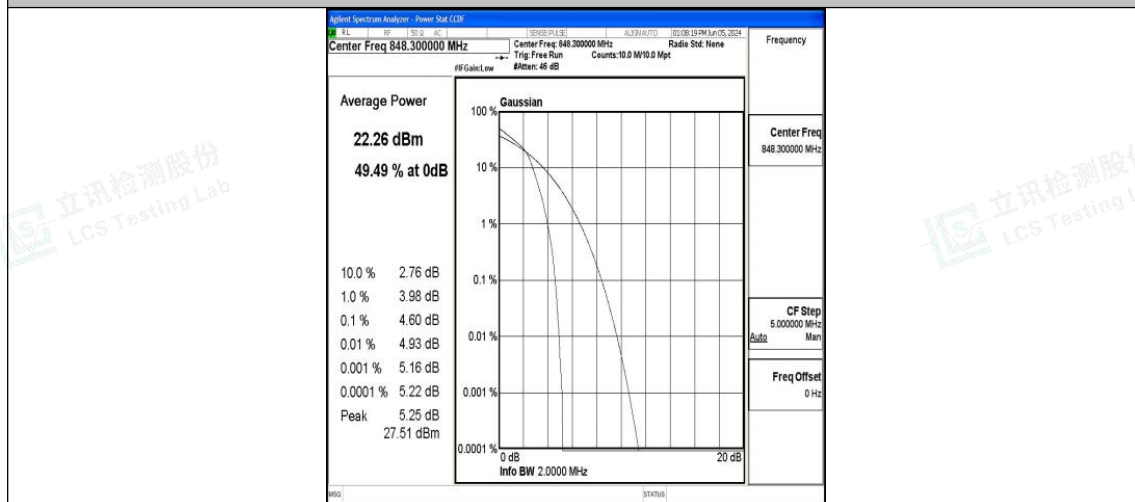
Scan code to check authenticity



Band5-1.4MHz-16QAM-20643-1RB#0-PASS



Band5-1.4MHz-QPSK-20643-6RB#0-PASS



Band5-1.4MHz-16QAM-20643-6RB#0-PASS

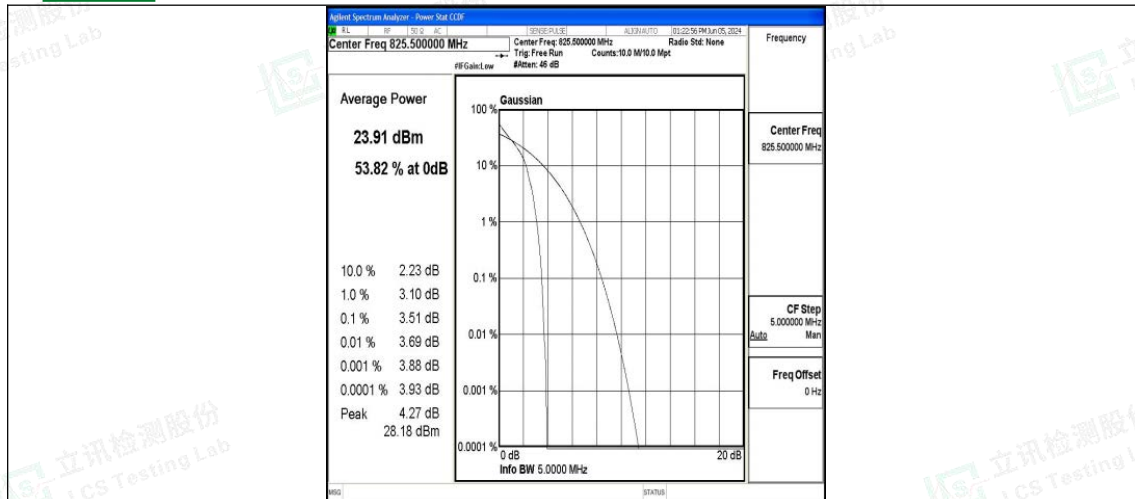


Shenzhen LCS Compliance Testing Laboratory Ltd.

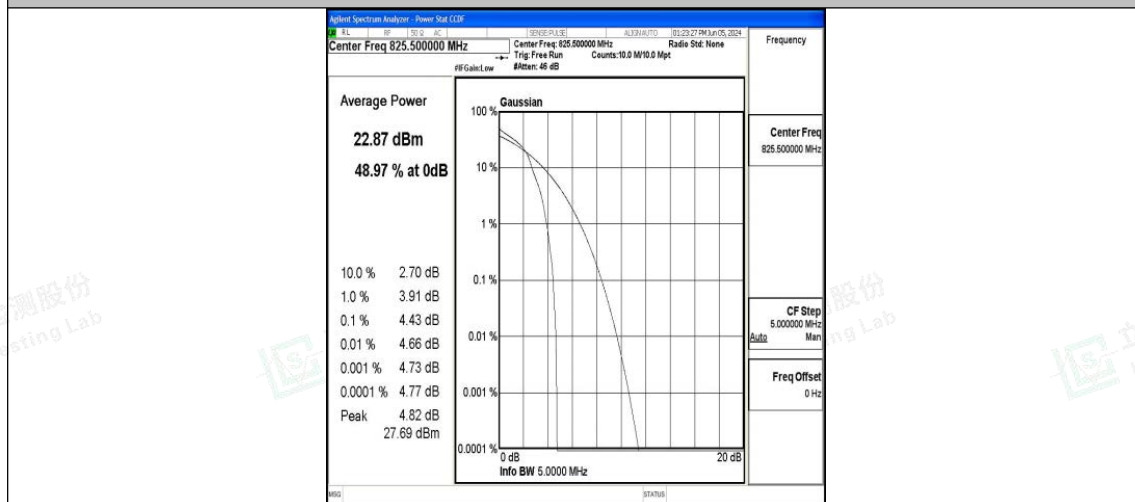
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

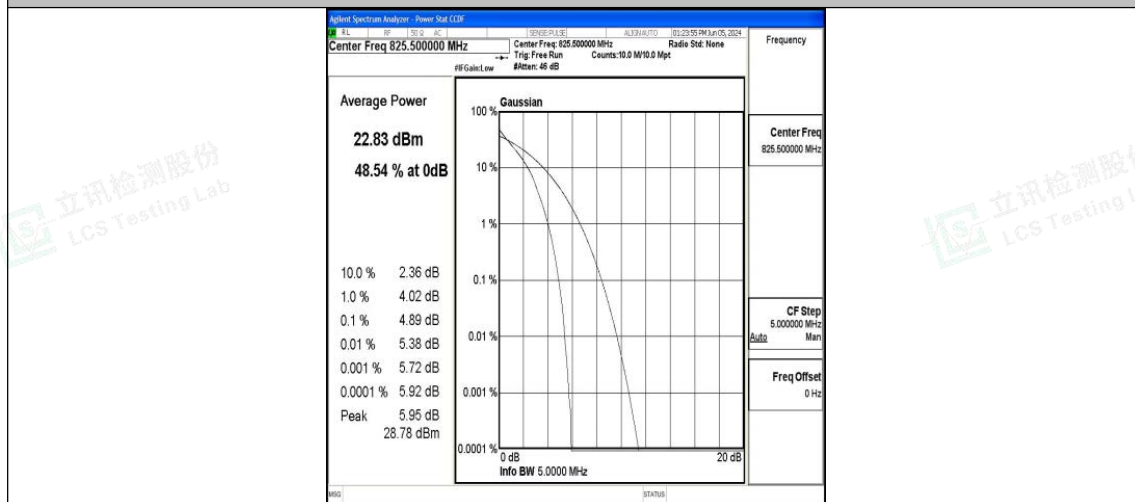
Scan code to check authenticity



Band5-3MHz-QPSK-20415-1RB#0-PASS



Band5-3MHz-16QAM-20415-1RB#0-PASS



Band5-3MHz-QPSK-20415-15RB#0-PASS

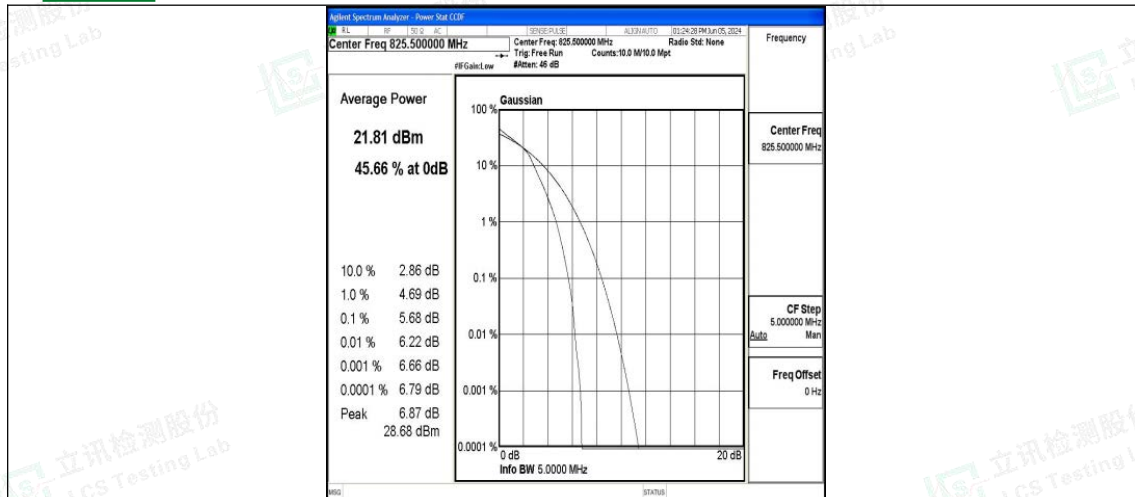


Shenzhen LCS Compliance Testing Laboratory Ltd.

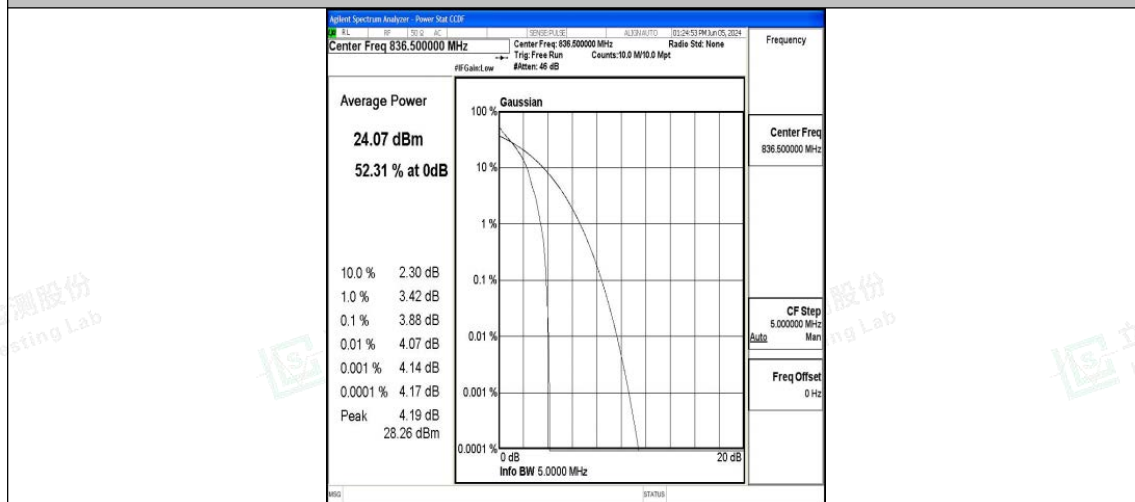
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

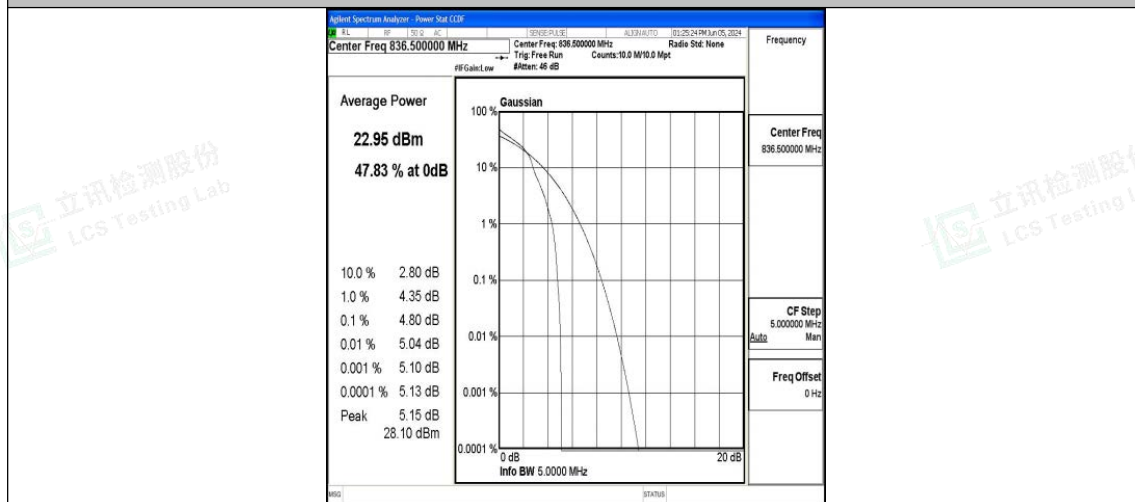
Scan code to check authenticity



Band5-3MHz-16QAM-20415-15RB#0-PASS



Band5-3MHz-QPSK-20525-1RB#0-PASS



Band5-3MHz-16QAM-20525-1RB#0-PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity

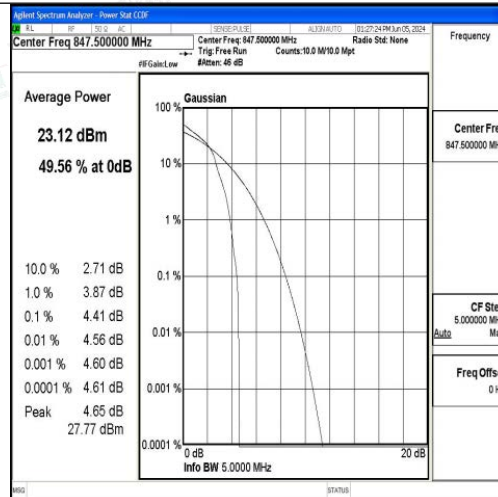


Shenzhen LCS Compliance Testing Laboratory Ltd.

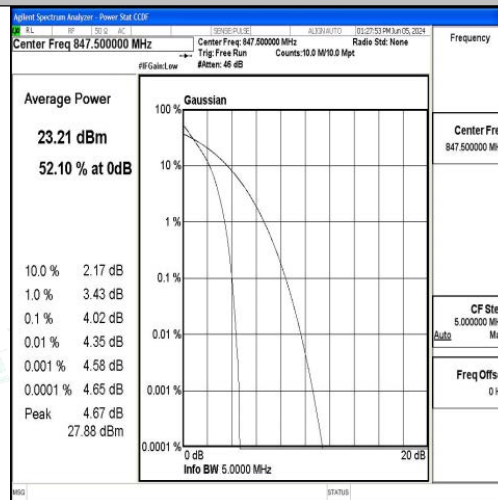
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

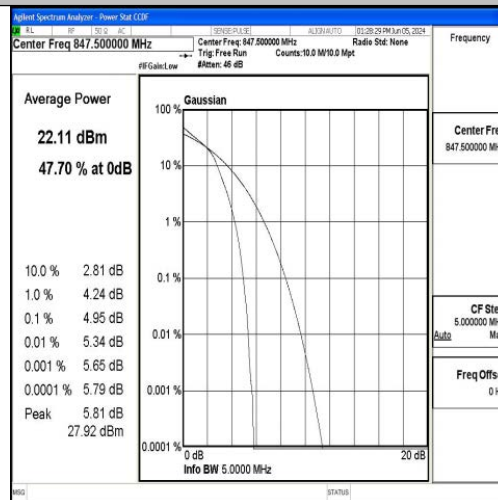
Scan code to check authenticity



Band5-3MHz-16QAM-20635-1RB#0-PASS



Band5-3MHz-QPSK-20635-15RB#0-PASS



Band5-3MHz-16QAM-20635-15RB#0-PASS

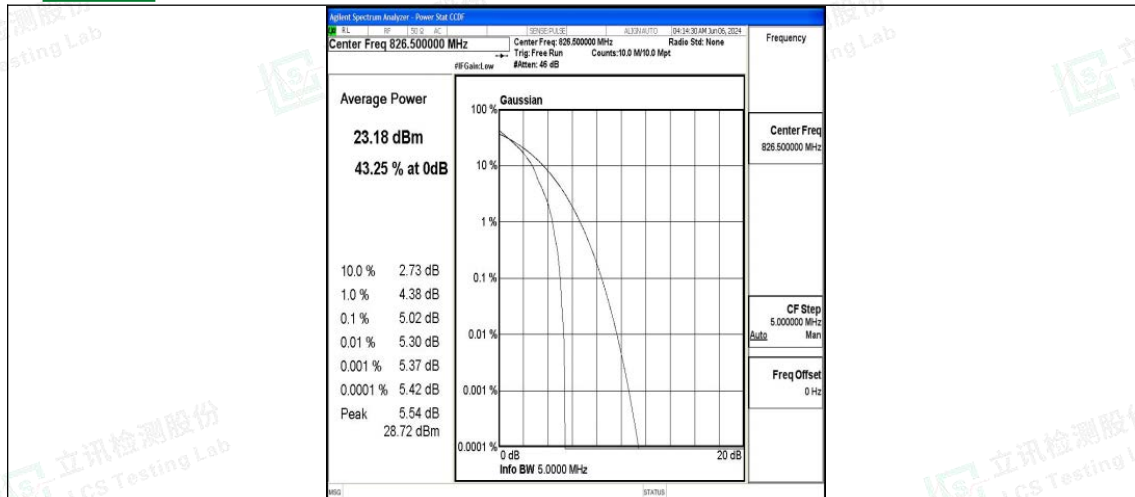


Shenzhen LCS Compliance Testing Laboratory Ltd.

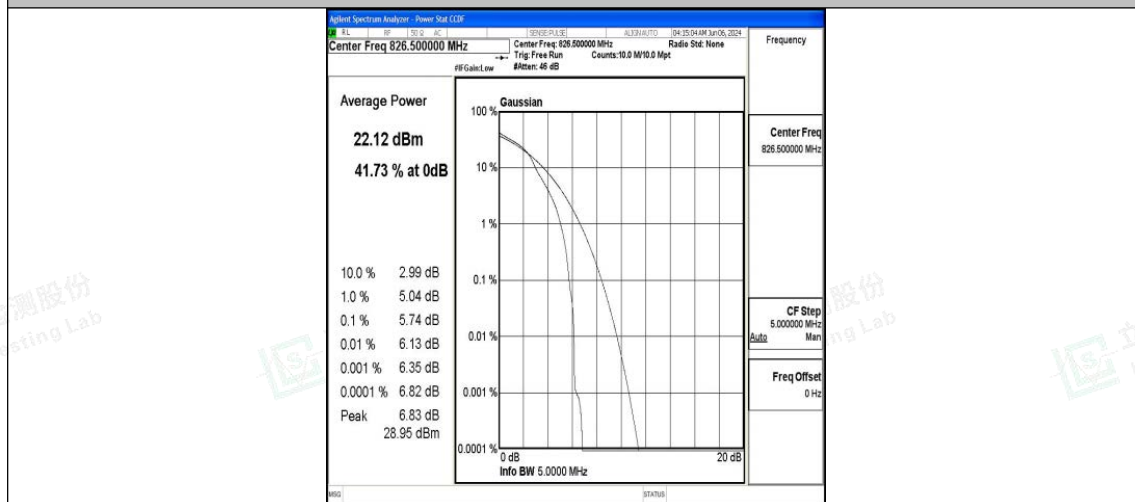
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

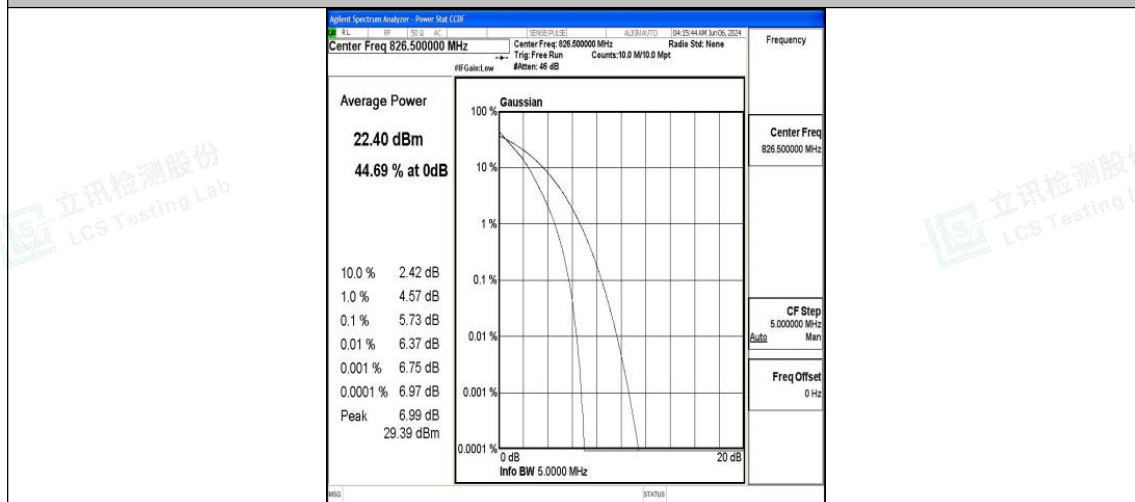
Scan code to check authenticity



Band5-5MHz-QPSK-20425-1RB#0-PASS



Band5-5MHz-16QAM-20425-1RB#0-PASS



Band5-5MHz-QPSK-20425-25RB#0-PASS

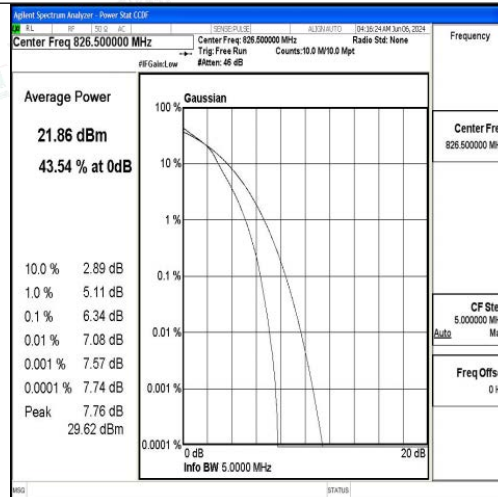


Shenzhen LCS Compliance Testing Laboratory Ltd.

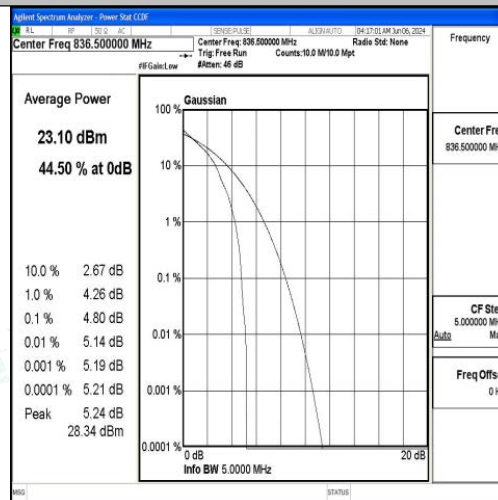
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

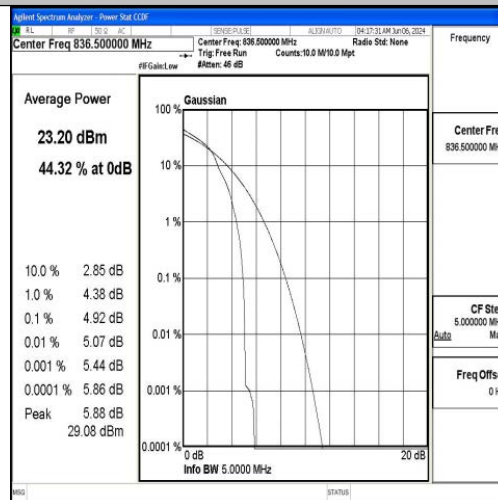
Scan code to check authenticity



Band5-5MHz-16QAM-20425-25RB#0-PASS



Band5-5MHz-QPSK-20525-1RB#0-PASS



Band5-5MHz-16QAM-20525-1RB#0-PASS

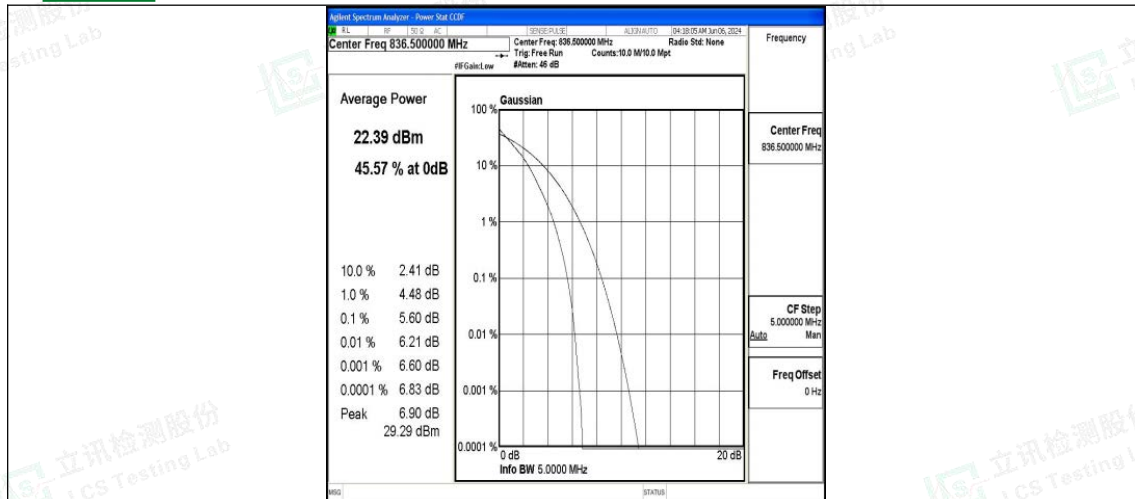


Shenzhen LCS Compliance Testing Laboratory Ltd.

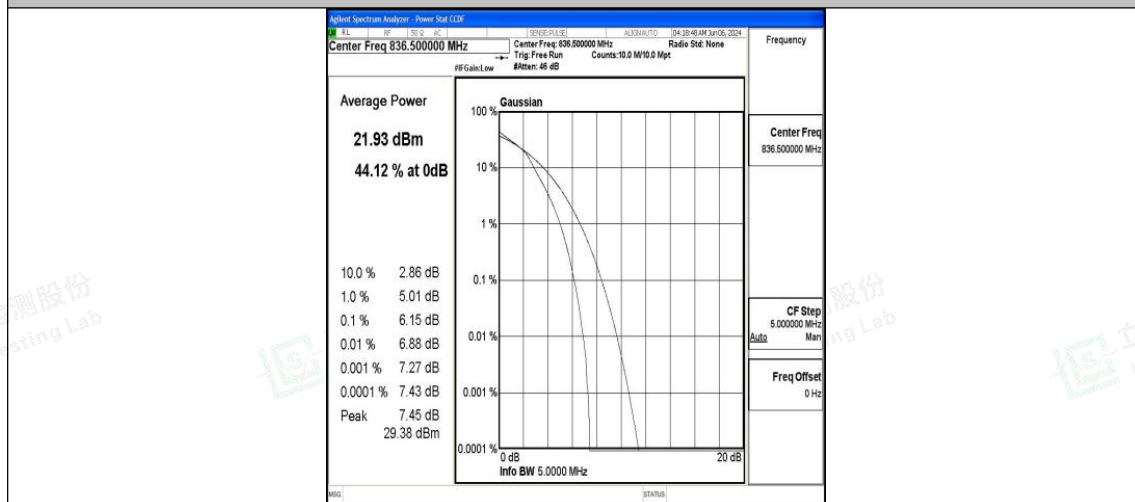
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

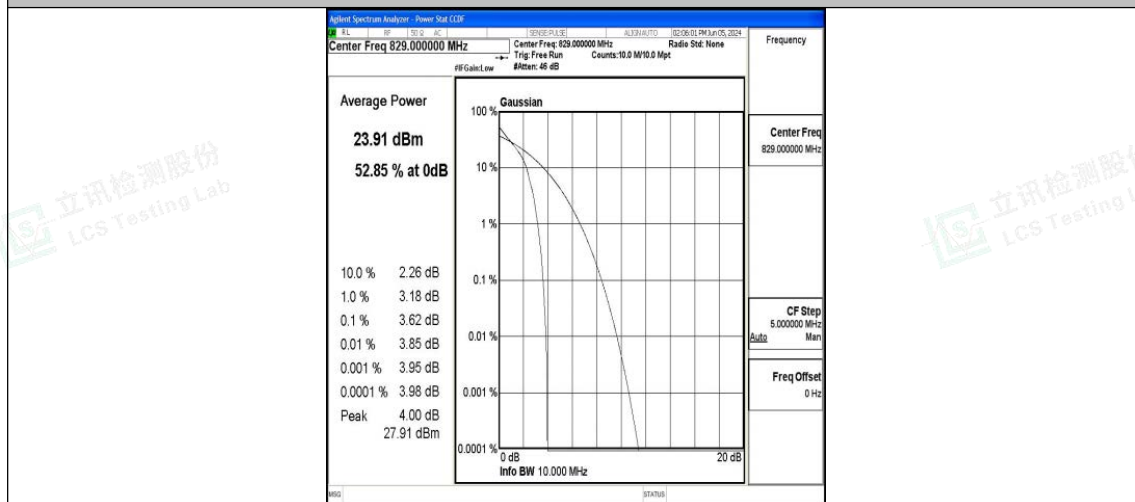
Scan code to check authenticity



Band5-5MHz-QPSK-20525-25RB#0-PASS



Band5-5MHz-16QAM-20525-25RB#0-PASS



Band5-10MHz-QPSK-20450-1RB#0-PASS

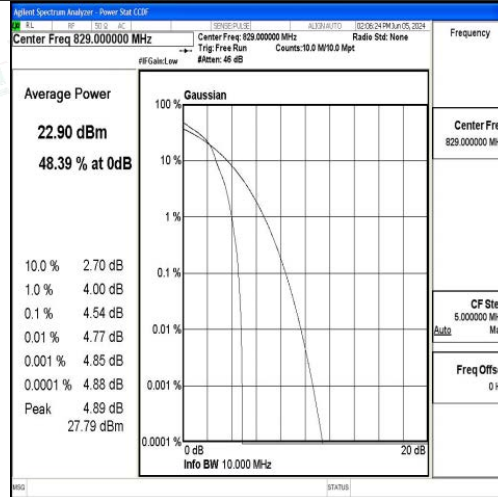


Shenzhen LCS Compliance Testing Laboratory Ltd.

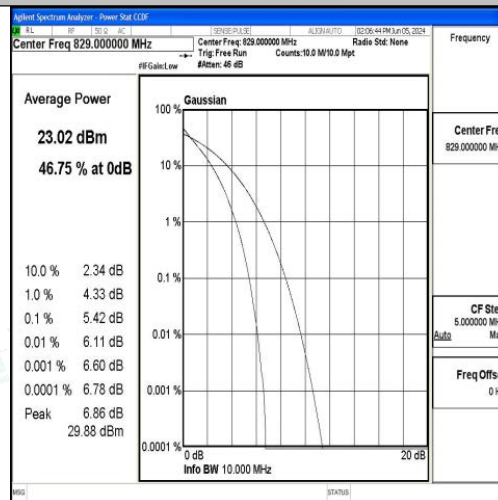
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

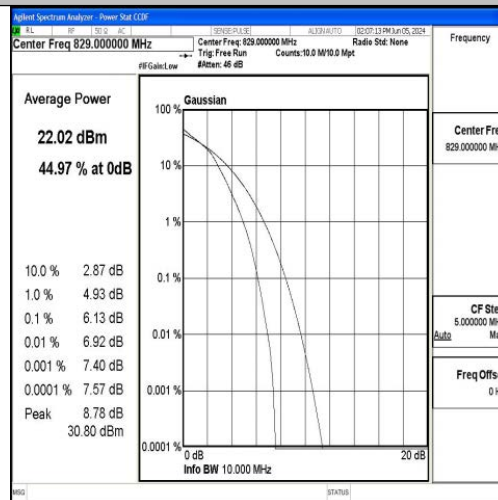
Scan code to check authenticity



Band5-10MHz-16QAM-20450-1RB#0-PASS



Band5-10MHz-QPSK-20450-50RB#0-PASS



Band5-10MHz-16QAM-20450-50RB#0-PASS

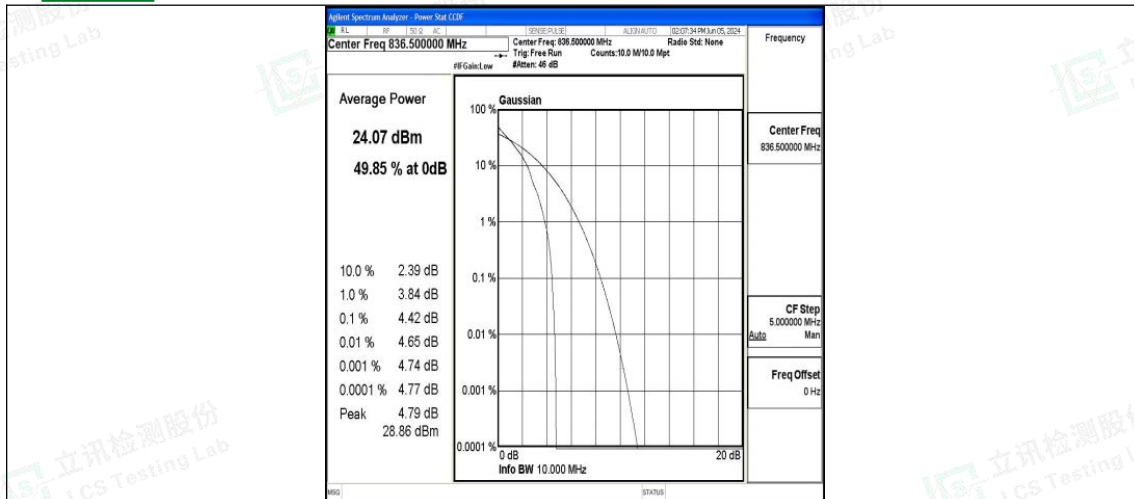


Shenzhen LCS Compliance Testing Laboratory Ltd.

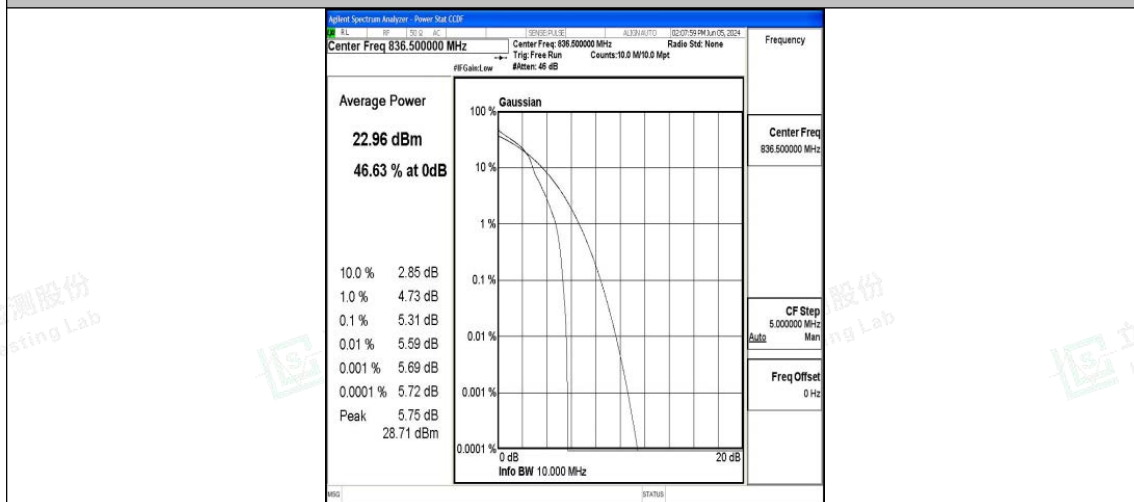
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

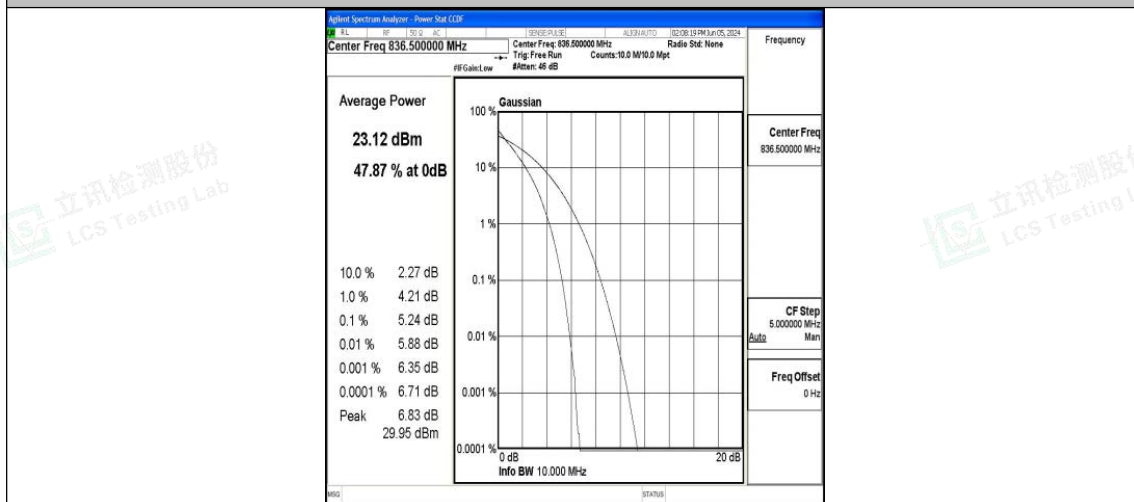
Scan code to check authenticity



Band5-10MHz-QPSK-20525-1RB#0-PASS



Band5-10MHz-16QAM-20525-1RB#0-PASS



Band5-10MHz-QPSK-20525-50RB#0-PASS

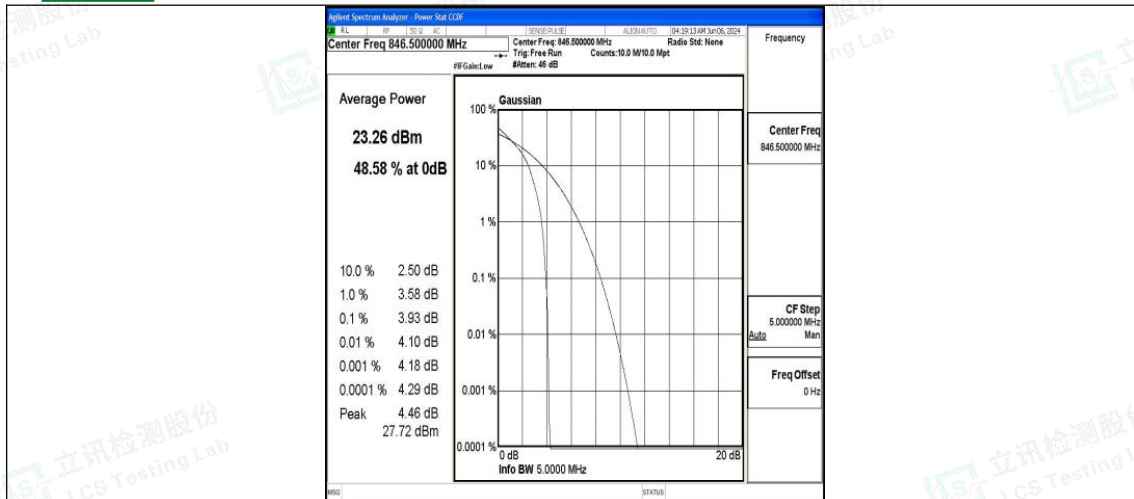


Shenzhen LCS Compliance Testing Laboratory Ltd.

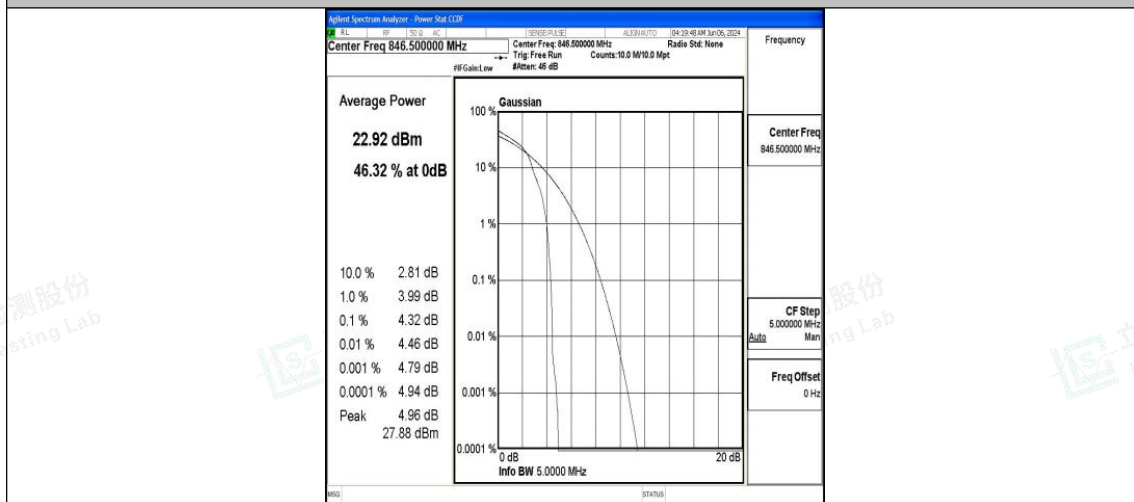
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

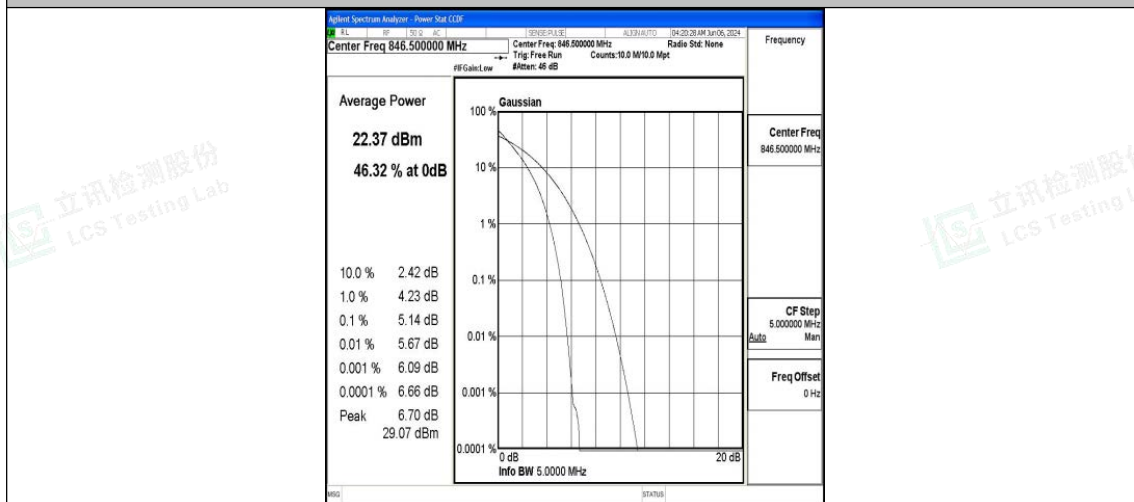
Scan code to check authenticity



Band5-5MHz-QPSK-20625-1RB#0-PASS



Band5-5MHz-16QAM-20625-1RB#0-PASS



Band5-5MHz-QPSK-20625-25RB#0-PASS

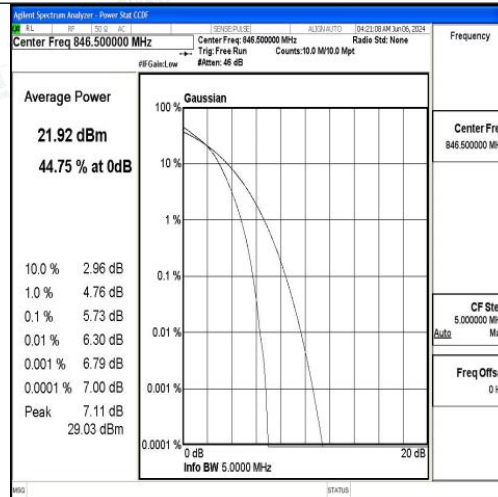


Shenzhen LCS Compliance Testing Laboratory Ltd.

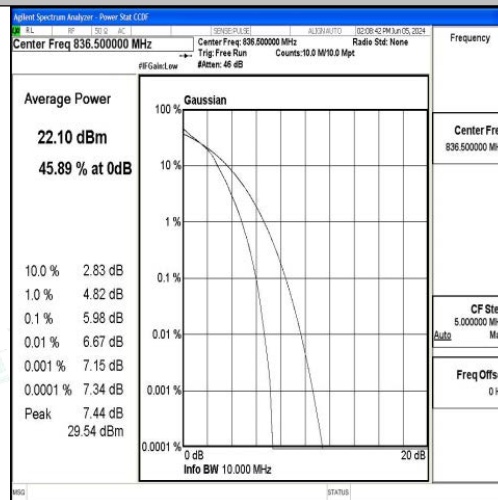
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

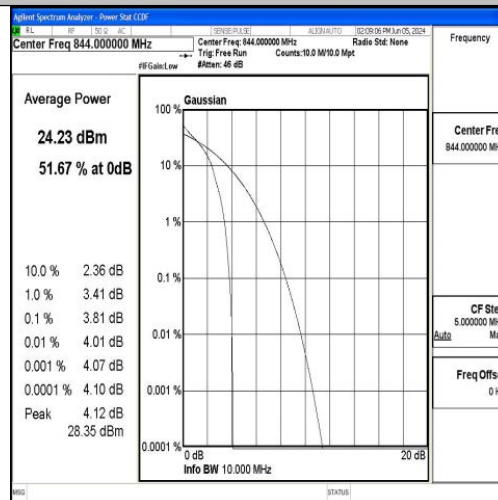
Scan code to check authenticity



Band5-5MHz-16QAM-20625-25RB#0-PASS



Band5-10MHz-16QAM-20525-50RB#0-PASS



Band5-10MHz-QPSK-20600-1RB#0-PASS

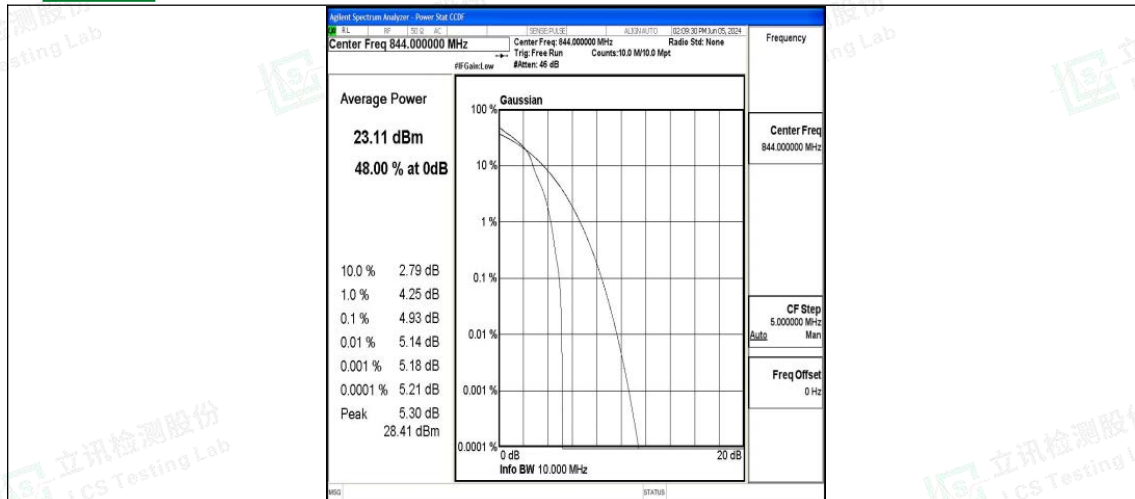


Shenzhen LCS Compliance Testing Laboratory Ltd.

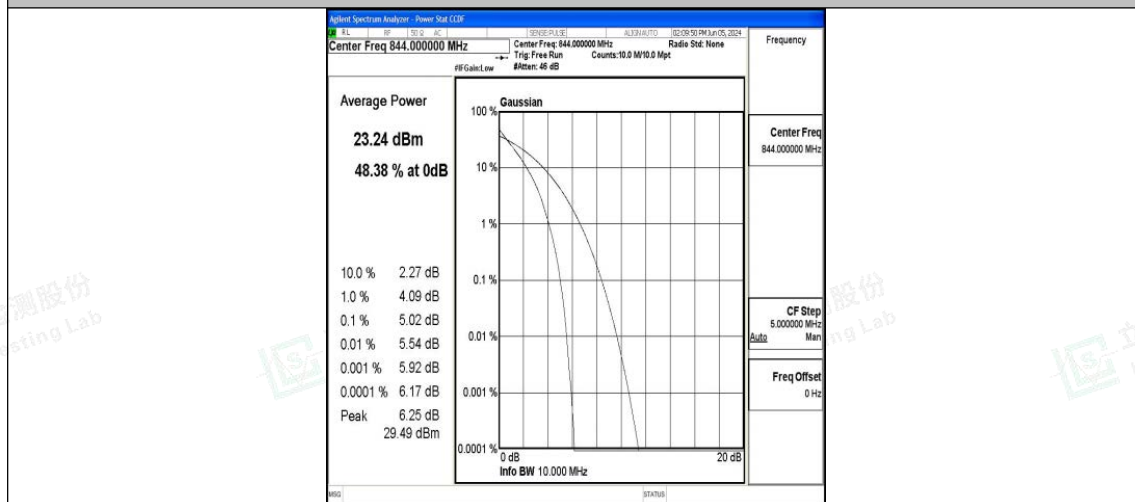
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

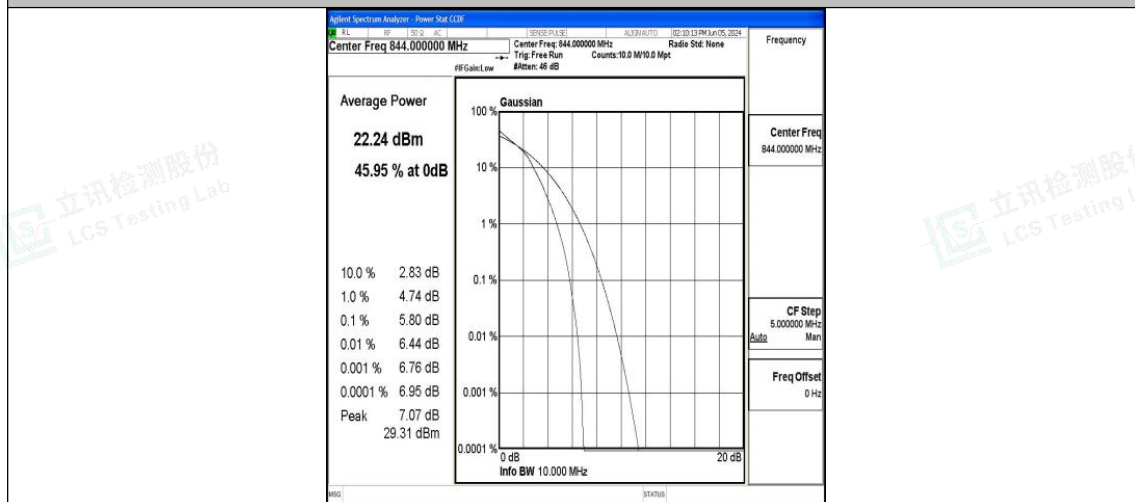
Scan code to check authenticity



Band5-10MHz-16QAM-20600-1RB#0-PASS



Band5-10MHz-QPSK-20600-50RB#0-PASS



Band5-10MHz-16QAM-20600-50RB#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



H.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0932	1.327	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0986	1.296	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0910	1.289	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0946	1.272	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.1044	1.389	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0933	1.278	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6864	2.907	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6766	2.875	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6948	2.912	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6828	2.896	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6894	2.908	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6921	2.896	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5212	5.225	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5232	5.137	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5139	5.206	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5286	5.190	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5188	6.544	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5318	5.198	PASS
Band5	10MHz	QPSK	20450	50RB#0	9.0254	12.21	PASS
Band5	10MHz	16QAM	20450	50RB#0	9.0340	10.08	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0095	10.15	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.0003	10.07	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9915	9.907	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9999	10.03	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

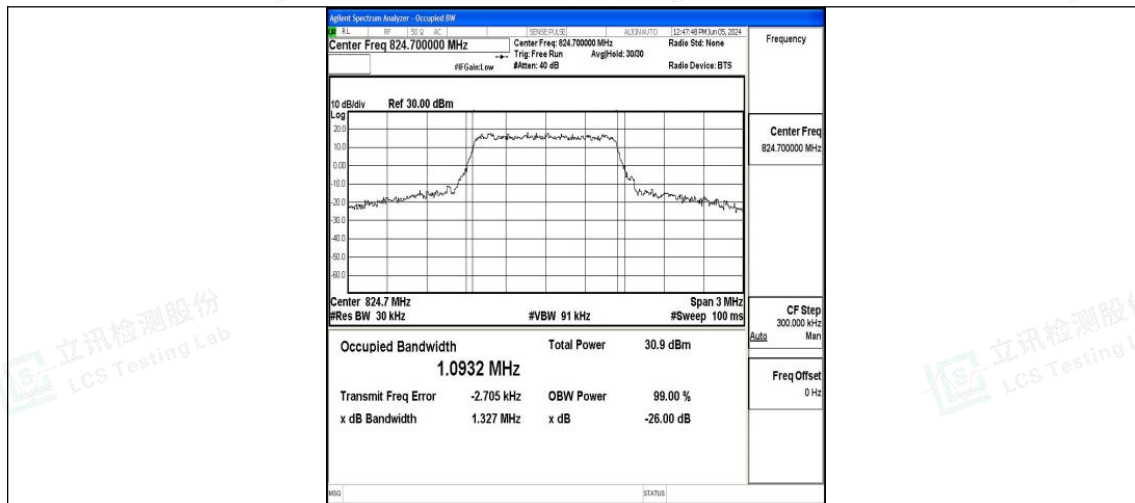
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

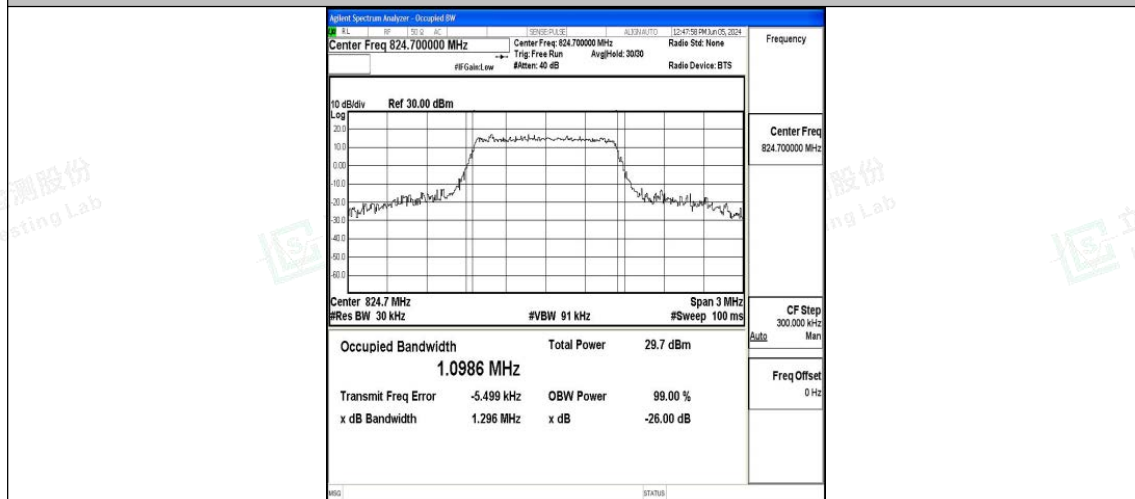
Scan code to check authenticity



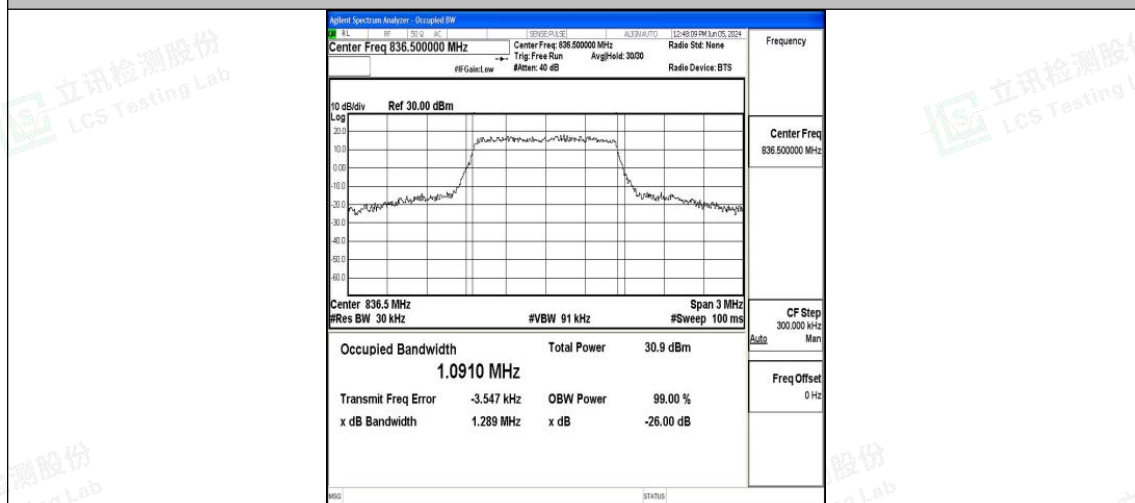
Test Graphs



Band5-1.4MHz-QPSK-20407-6RB#0-PASS



Band5-1.4MHz-16QAM-20407-6RB#0-PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

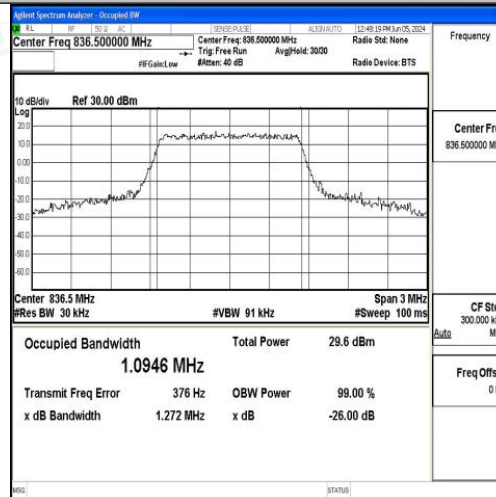
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

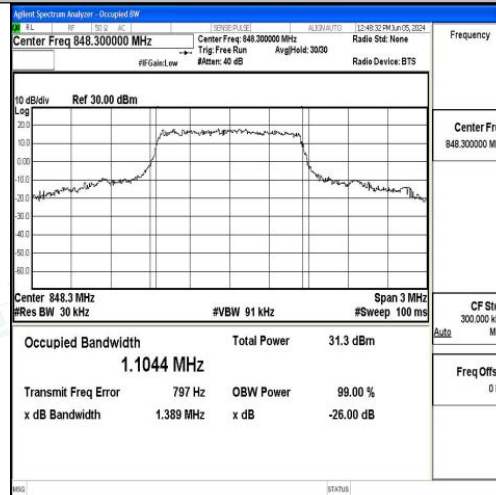
Scan code to check authenticity



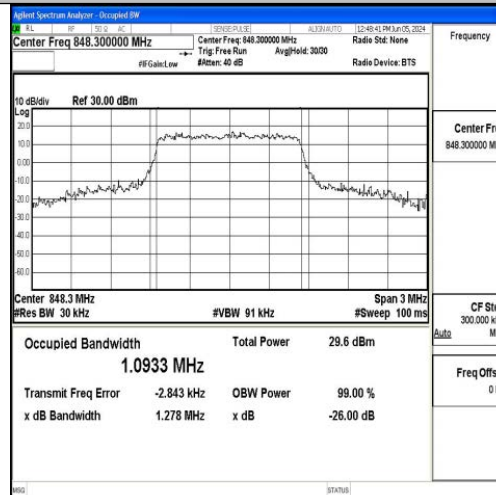
Band5-1.4MHz-QPSK-20525-6RB#0-PASS



Band5-1.4MHz-16QAM-20525-6RB#0-PASS



Band5-1.4MHz-QPSK-20643-6RB#0-PASS



Band5-1.4MHz-16QAM-20643-6RB#0-PASS

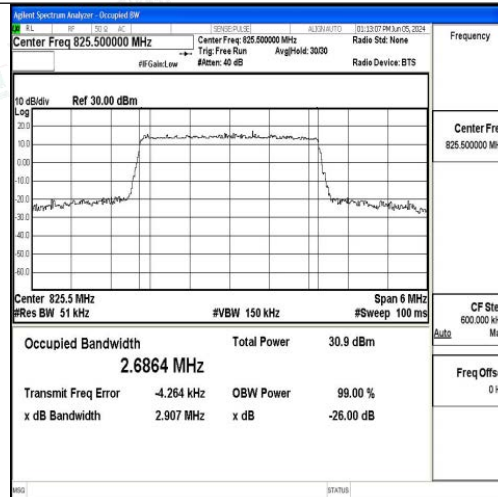


Shenzhen LCS Compliance Testing Laboratory Ltd.

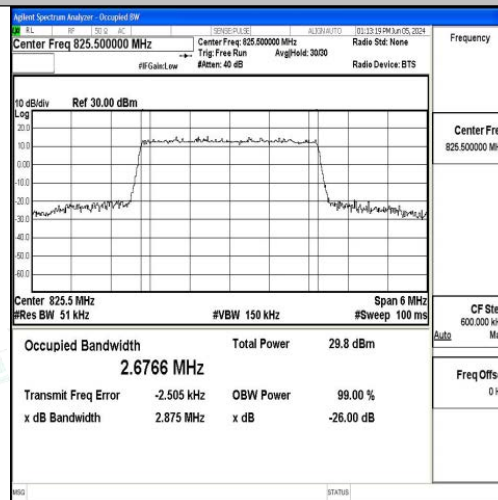
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

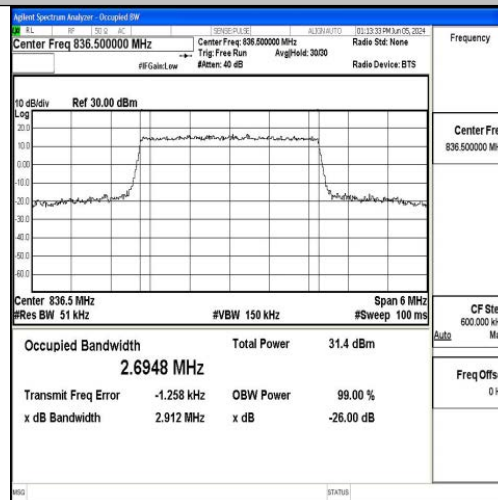
Scan code to check authenticity



Band5-3MHz-QPSK-20415-15RB#0-PASS



Band5-3MHz-16QAM-20415-15RB#0-PASS



Band5-3MHz-QPSK-20525-15RB#0-PASS

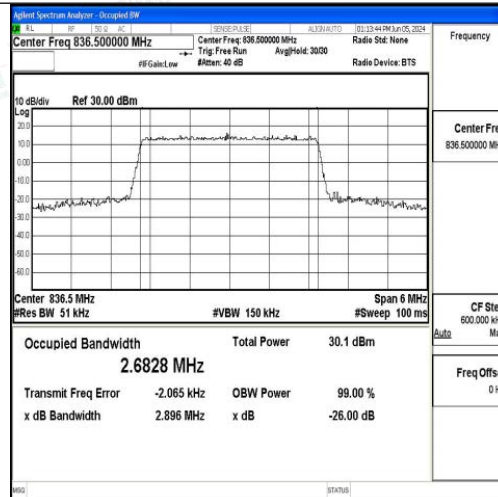


Shenzhen LCS Compliance Testing Laboratory Ltd.

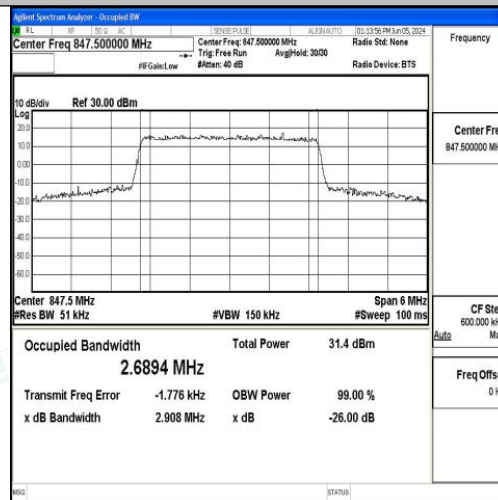
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

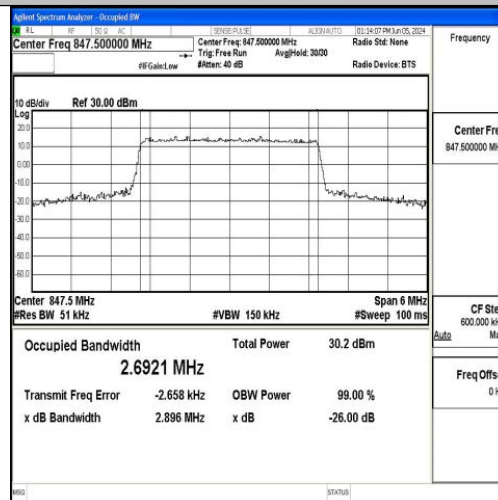
Scan code to check authenticity



Band5-3MHz-16QAM-20525-15RB#0-PASS



Band5-3MHz-QPSK-20635-15RB#0-PASS



Band5-3MHz-16QAM-20635-15RB#0-PASS

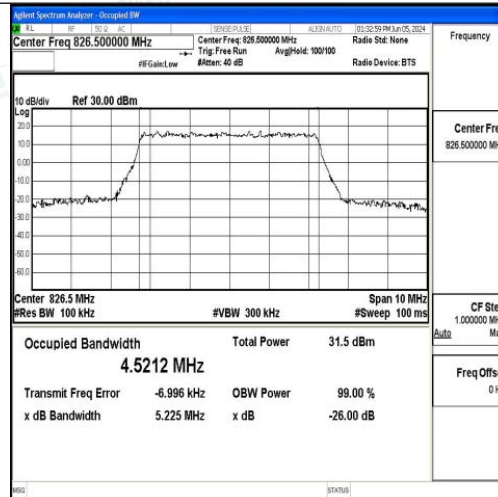


Shenzhen LCS Compliance Testing Laboratory Ltd.

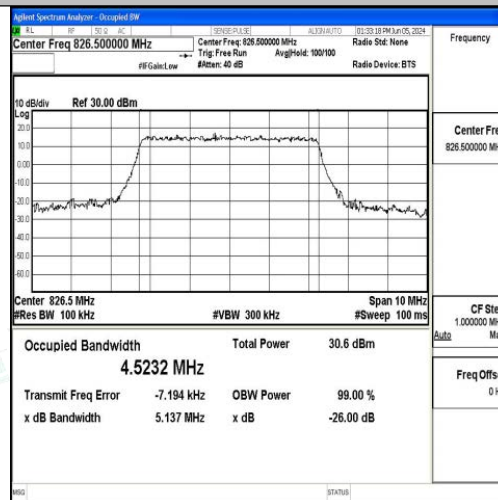
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

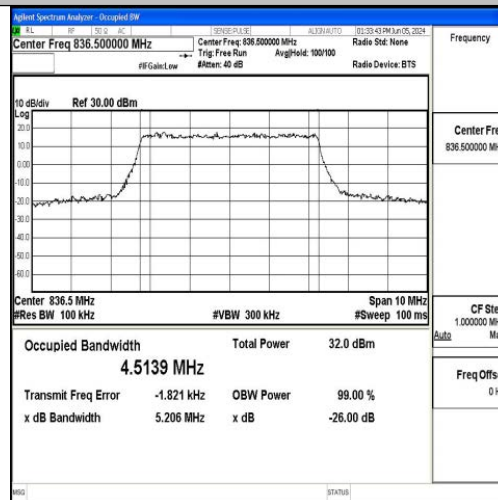
Scan code to check authenticity



Band5-5MHz-QPSK-20425-25RB#0-PASS



Band5-5MHz-16QAM-20425-25RB#0-PASS



Band5-5MHz-QPSK-20525-25RB#0-PASS

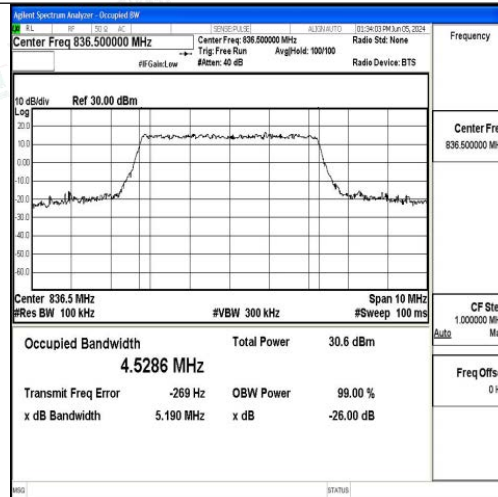


Shenzhen LCS Compliance Testing Laboratory Ltd.

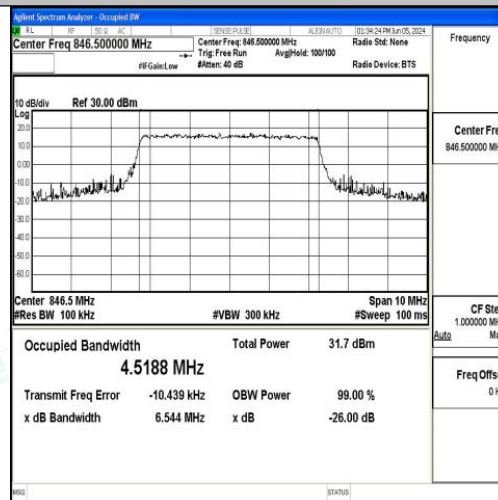
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

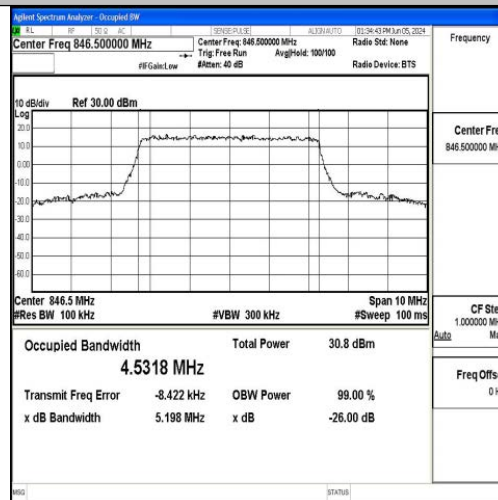
Scan code to check authenticity



Band5-5MHz-16QAM-20525-25RB#0-PASS



Band5-5MHz-QPSK-20625-25RB#0-PASS



Band5-5MHz-16QAM-20625-25RB#0-PASS

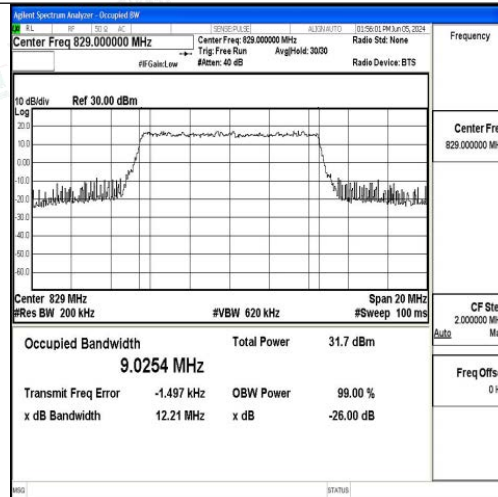


Shenzhen LCS Compliance Testing Laboratory Ltd.

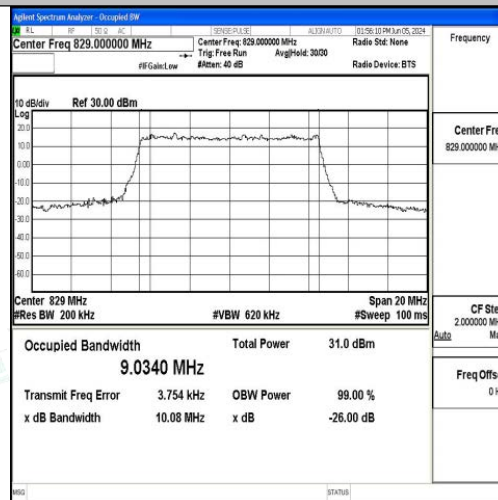
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

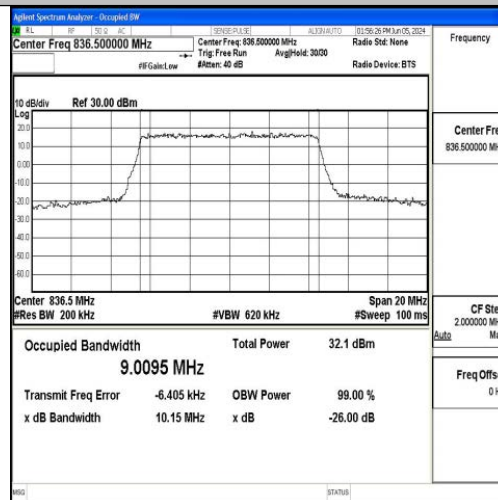
Scan code to check authenticity



Band5-10MHz-QPSK-20450-50RB#0-PASS



Band5-10MHz-16QAM-20450-50RB#0-PASS



Band5-10MHz-QPSK-20525-50RB#0-PASS

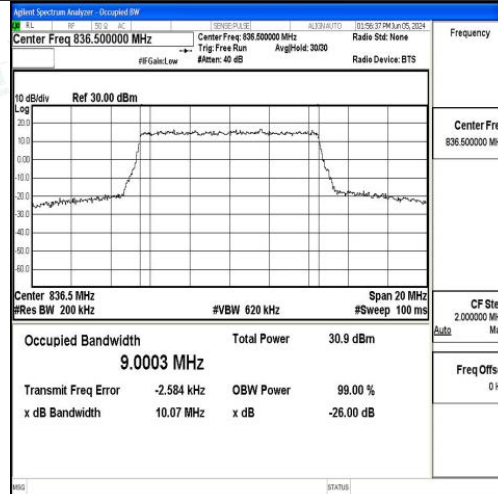


Shenzhen LCS Compliance Testing Laboratory Ltd.

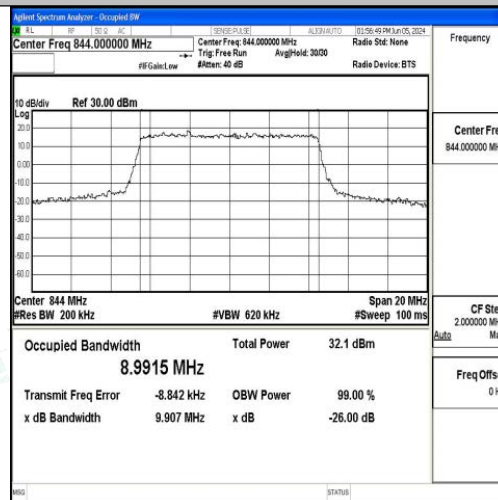
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

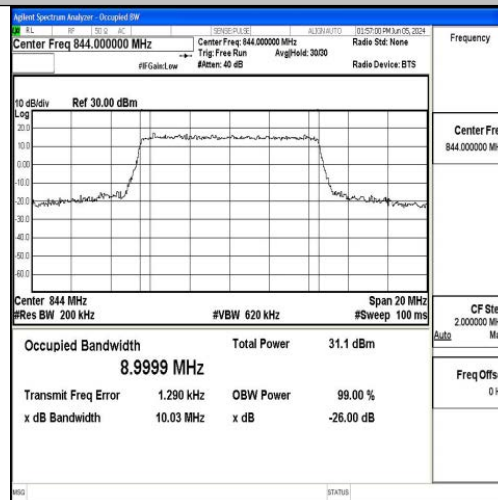
Scan code to check authenticity



Band5-10MHz-16QAM-20525-50RB#0-PASS



Band5-10MHz-QPSK-20600-50RB#0-PASS



Band5-10MHz-16QAM-20600-50RB#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

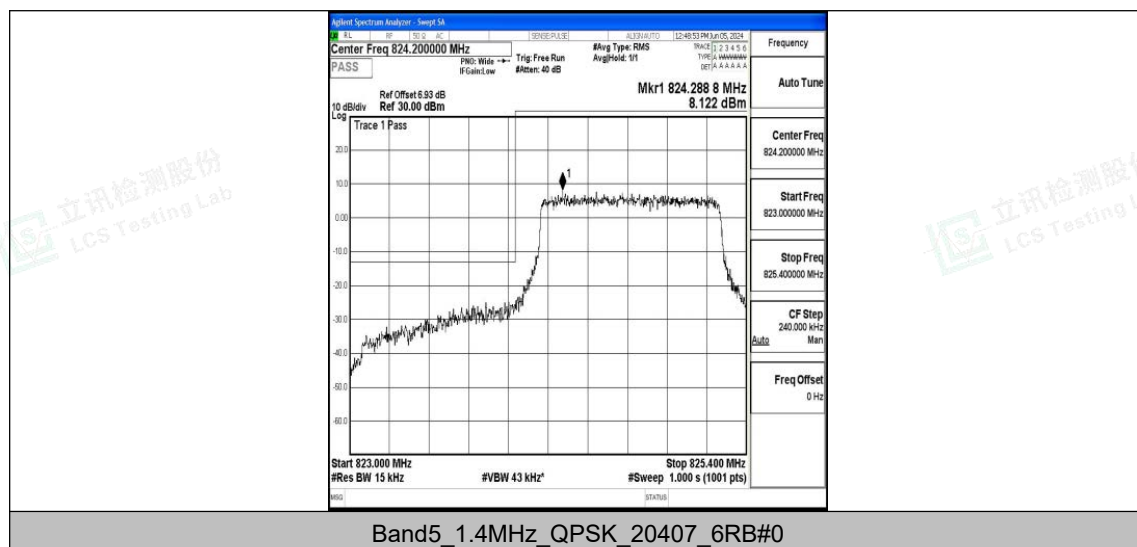


H.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	823.96	-24.91	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	823.95	-27.43	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	849.03	-19.98	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	849.04	-22.44	PASS
Band5	3MHz	QPSK	20415	15RB#0	824.00	-29.22	PASS
Band5	3MHz	16QAM	20415	15RB#0	823.99	-31.79	PASS
Band5	3MHz	QPSK	20635	15RB#0	849.14	-21.68	PASS
Band5	3MHz	16QAM	20635	15RB#0	849.10	-25.29	PASS
Band5	5MHz	QPSK	20425	25RB#0	824.00	-22.97	PASS
Band5	5MHz	16QAM	20425	25RB#0	823.97	-26.05	PASS
Band5	5MHz	QPSK	20625	25RB#0	849.02	-22.58	PASS
Band5	5MHz	16QAM	20625	25RB#0	849.01	-24.91	PASS
Band5	10MHz	QPSK	20450	50RB#0	823.98	-27.13	PASS
Band5	10MHz	16QAM	20450	50RB#0	823.99	-29.64	PASS
Band5	10MHz	QPSK	20600	50RB#0	849.04	-26.54	PASS
Band5	10MHz	16QAM	20600	50RB#0	849.01	-28.66	PASS

Test Graphs

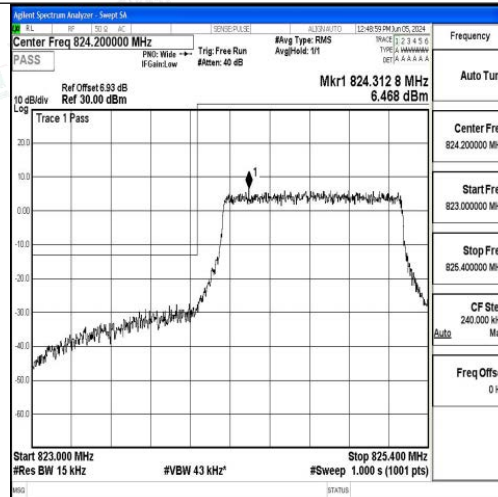


Shenzhen LCS Compliance Testing Laboratory Ltd.

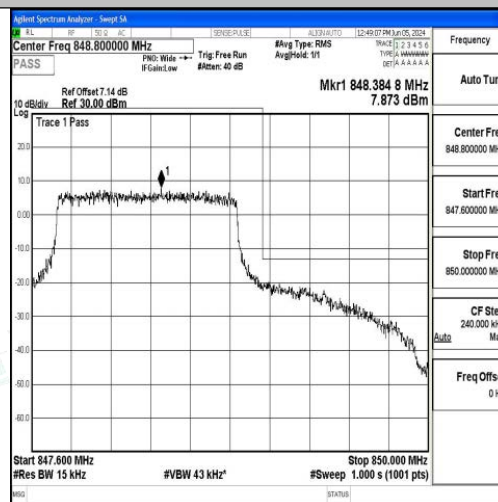
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

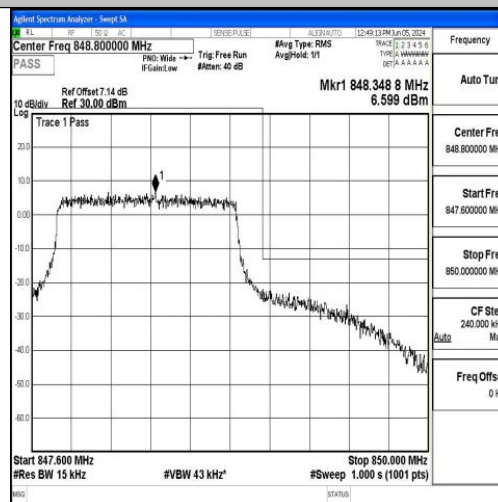
Scan code to check authenticity



Band5_1.4MHz_16QAM_20407_6RB#0



Band5_1.4MHz_QPSK_20643_6RB#0



Band5_1.4MHz_16QAM_20643_6RB#0

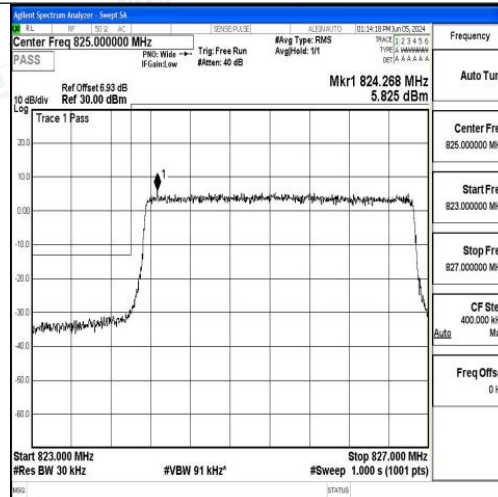


Shenzhen LCS Compliance Testing Laboratory Ltd.

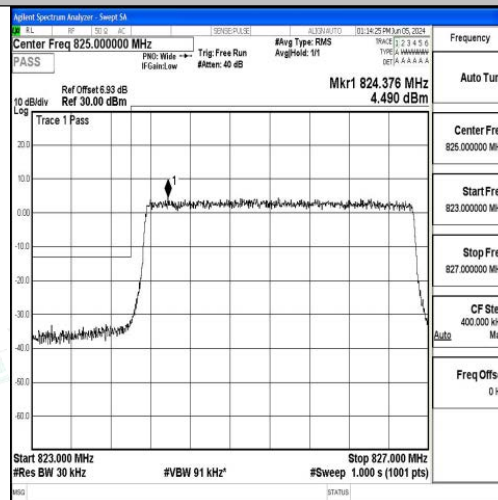
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

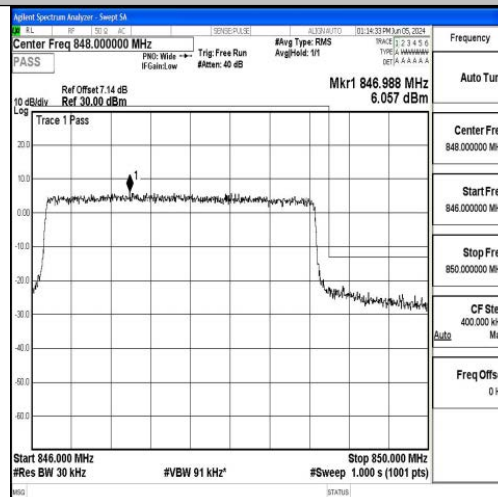
Scan code to check authenticity



Band5_3MHz_QPSK_20415_15RB#0



Band5_3MHz_16QAM_20415_15RB#0



Band5_3MHz_QPSK_20635_15RB#0

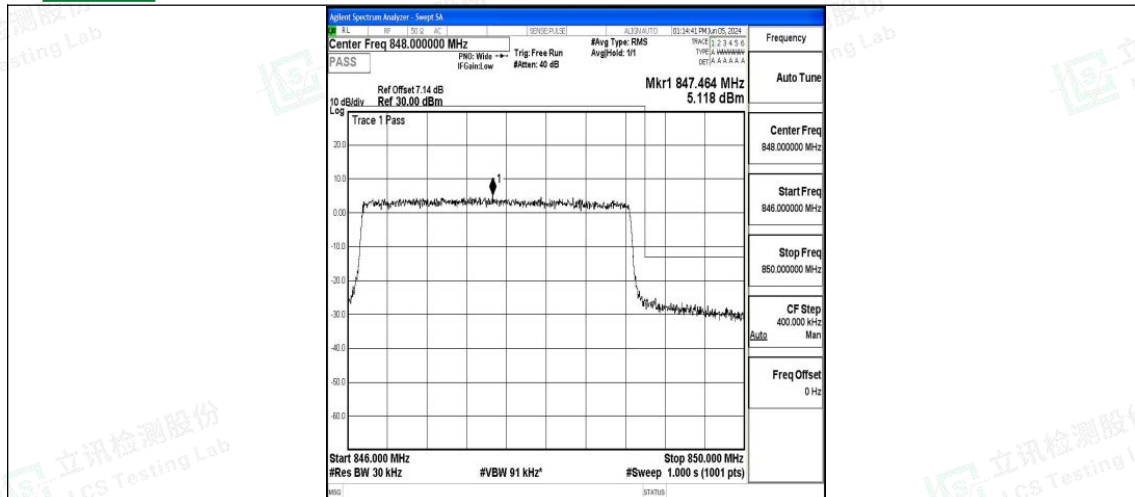


Shenzhen LCS Compliance Testing Laboratory Ltd.

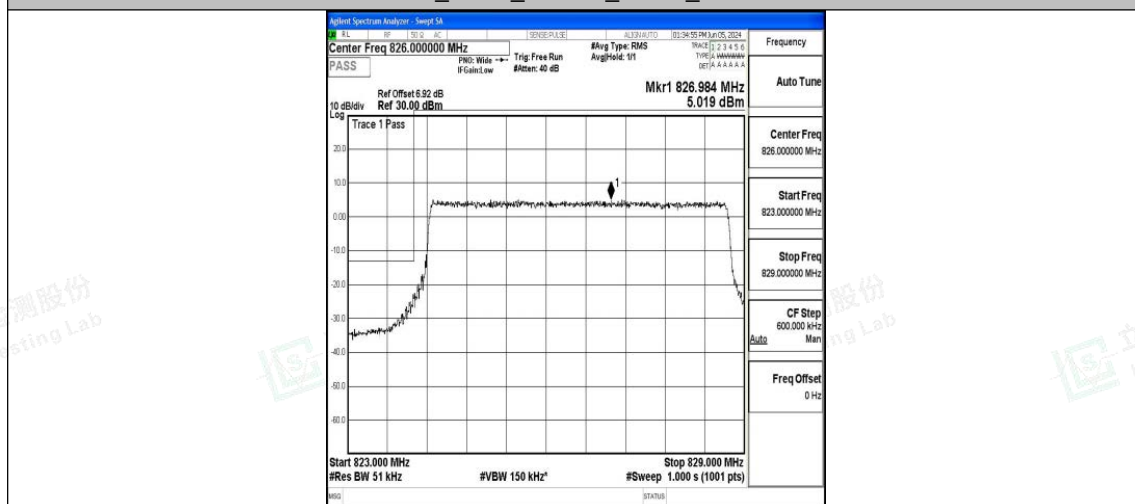
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

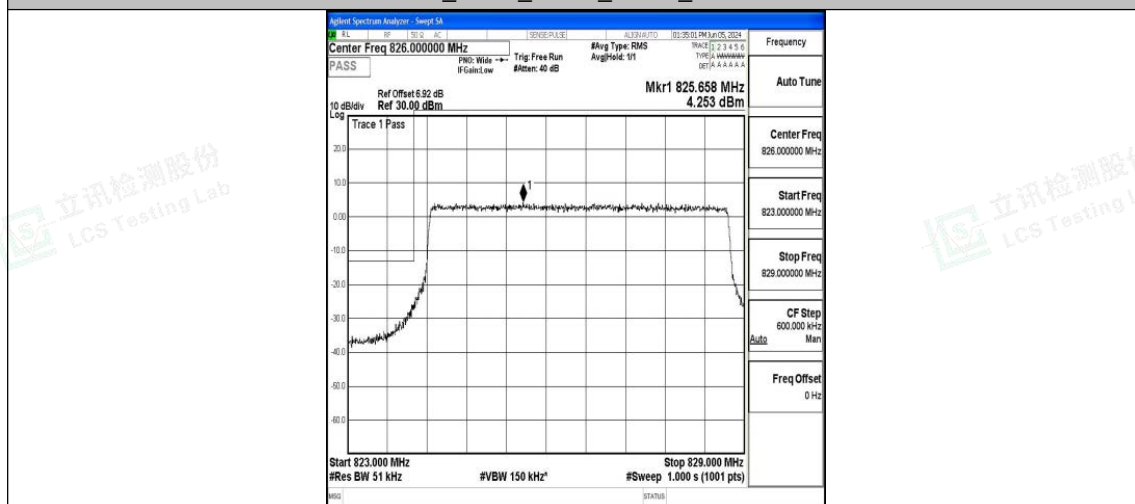
Scan code to check authenticity



Band5_3MHz_16QAM_20635_15RB#0



Band5_5MHz_QPSK_20425_25RB#0



Band5_5MHz_16QAM_20425_25RB#0

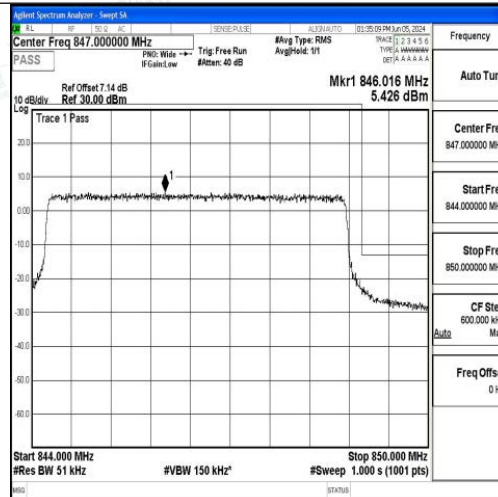


Shenzhen LCS Compliance Testing Laboratory Ltd.

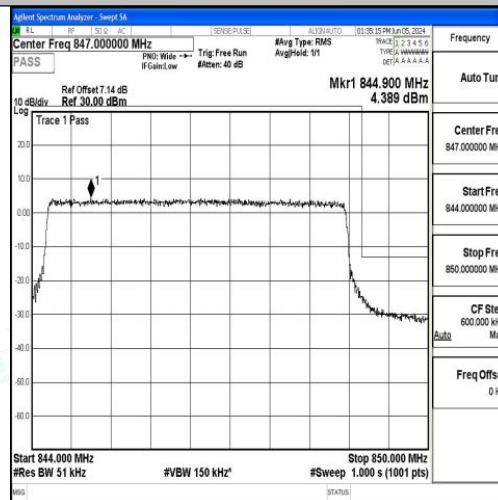
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-85291330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

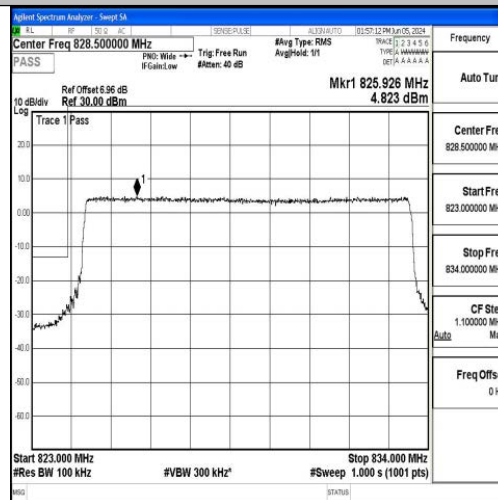
Scan code to check authenticity



Band5_5MHz_QPSK_20625_25RB#0



Band5_5MHz_16QAM_20625_25RB#0



Band5_10MHz_QPSK_20450_50RB#0

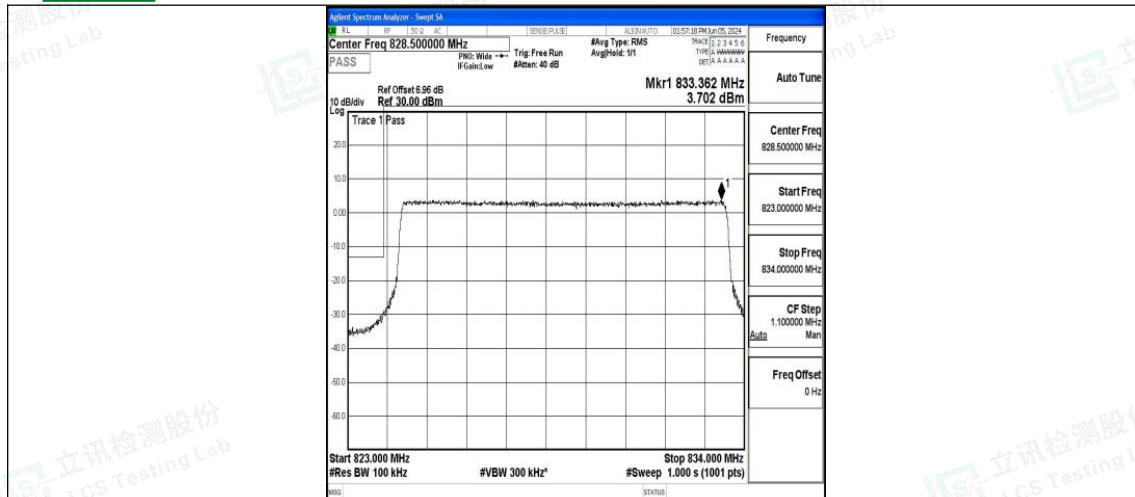


Shenzhen LCS Compliance Testing Laboratory Ltd.

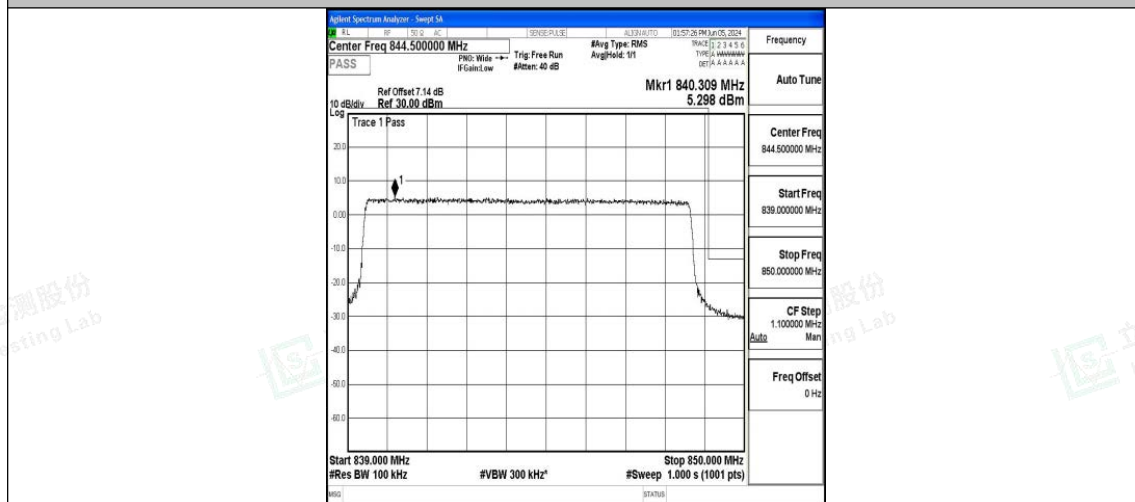
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

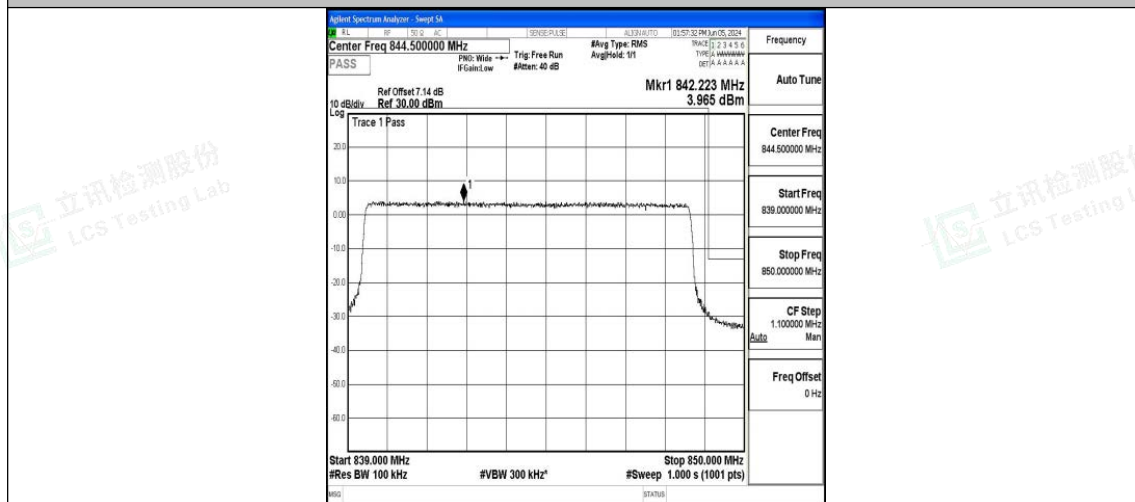
Scan code to check authenticity



Band5_10MHz_16QAM_20450_50RB#0



Band5_10MHz_QPSK_20600_50RB#0



Band5_10MHz_16QAM_20600_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



H.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	0.009~0.15	-56.73	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-52.93	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-39.72	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-41.29	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-44.28	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-56.66	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-52.95	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-40.30	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-42.05	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-44.30	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-57.41	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-53.40	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-49.32	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-40.27	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-44.00	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-57.17	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-53.55	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-48.28	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-41.70	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-43.89	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-58.58	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-51.20	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-46.21	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-43.19	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-44.01	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-58.53	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-52.04	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-50.07	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-43.55	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-44.07	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-59.67	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-51.60	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-57.67	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-41.49	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



Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-43.97	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-58.64	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-52.70	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-59.13	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-42.13	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-43.86	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-58.98	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-51.70	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-57.91	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-39.12	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-44.20	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-55.68	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-50.46	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-57.67	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-39.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-44.27	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-54.75	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-53.89	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-57.19	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-42.77	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-44.05	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-56.73	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-53.64	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-56.28	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-43.38	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-44.11	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-58.82	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-51.53	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-61.73	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-41.22	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-44.17	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-58.99	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-55.01	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-62.09	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-42.26	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-44.29	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-57.87	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-52.88	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-61.76	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-39.60	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



Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-43.42	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-56.72	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-48.93	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-61.94	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-42.04	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-43.74	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-57.95	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-53.21	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-61.87	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-42.58	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-44.01	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-60.04	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-52.78	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-61.72	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-42.52	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-44.14	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-59.74	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-51.36	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-62.22	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-41.30	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-43.82	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-56.19	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-50.52	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-61.91	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-41.76	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-44.34	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-56.04	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-51.20	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-62.13	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-38.91	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-43.91	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-59.61	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-53.02	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-61.96	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-39.47	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-44.07	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-57.90	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-52.31	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-60.29	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-41.72	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

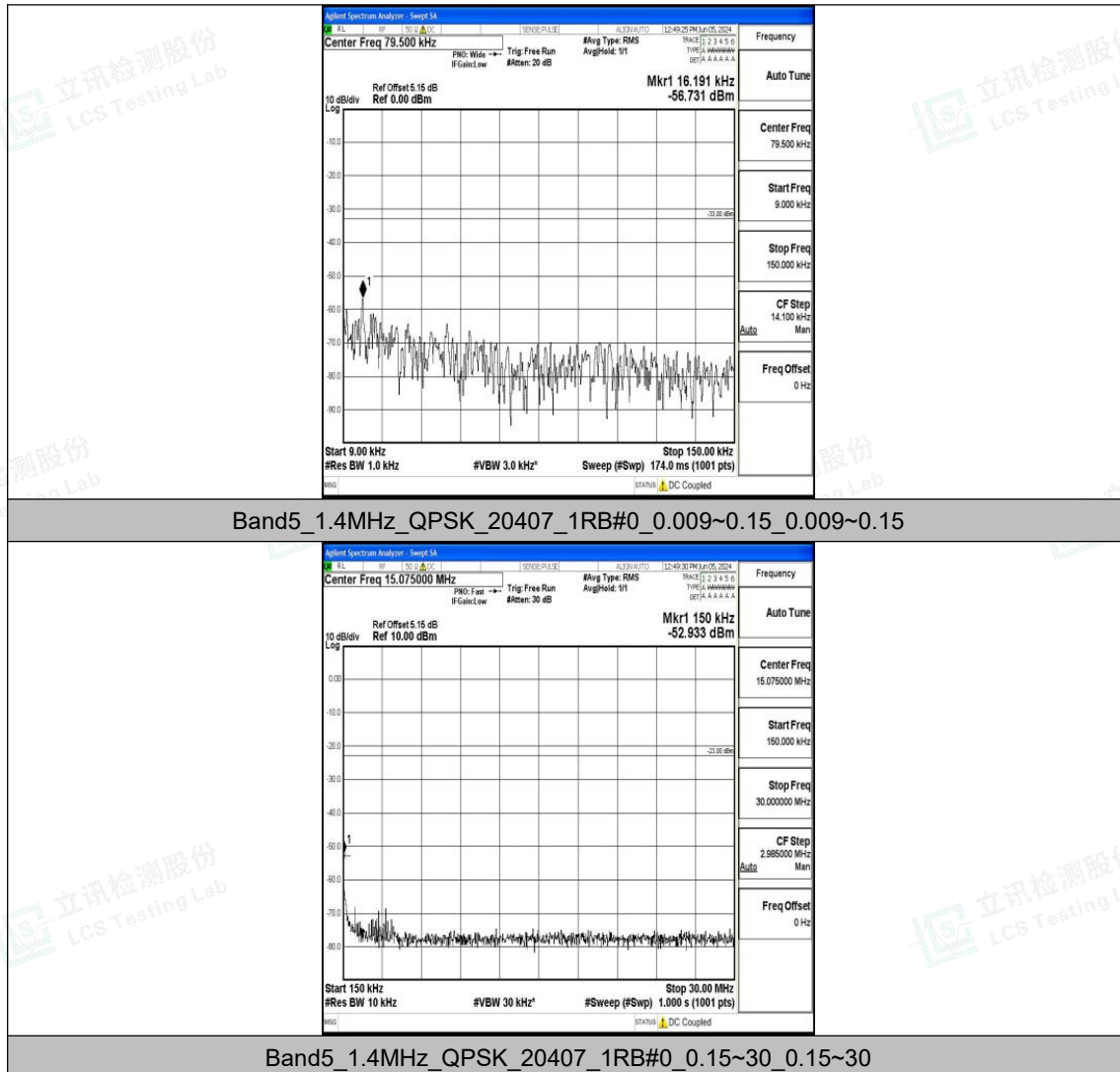
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-44.08	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-56.27	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-53.73	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-61.99	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-42.42	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-44.41	PASS

Test Graphs

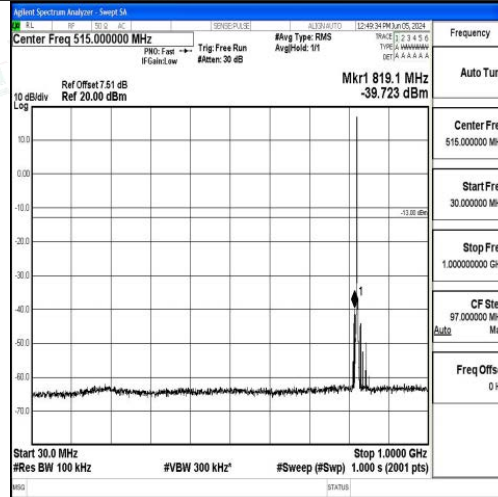


Shenzhen LCS Compliance Testing Laboratory Ltd.

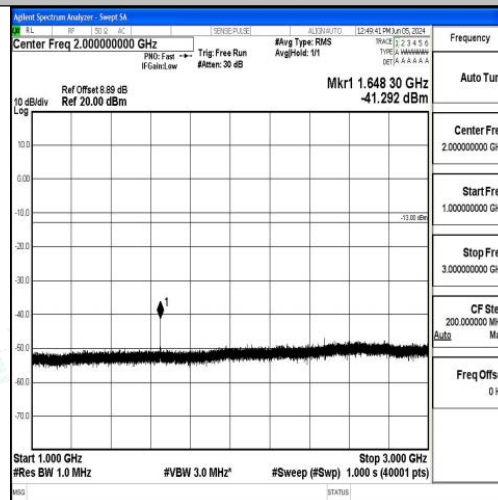
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

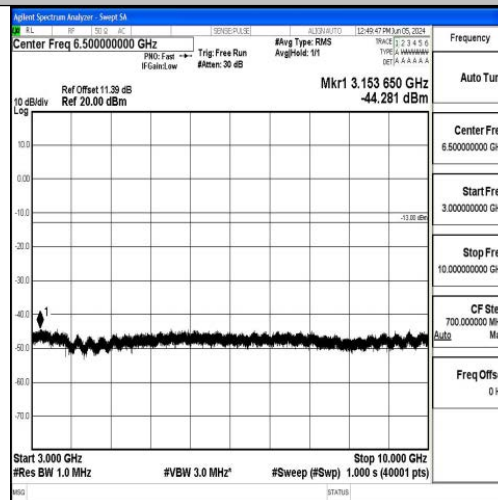
Scan code to check authenticity



Band5_1.4MHz_QPSK_20407_1RB#0_30~1000_30~1000



Band5_1.4MHz_QPSK_20407_1RB#0_1000~3000_1000~3000



Band5_1.4MHz_QPSK_20407_1RB#0_3000~10000_3000~10000

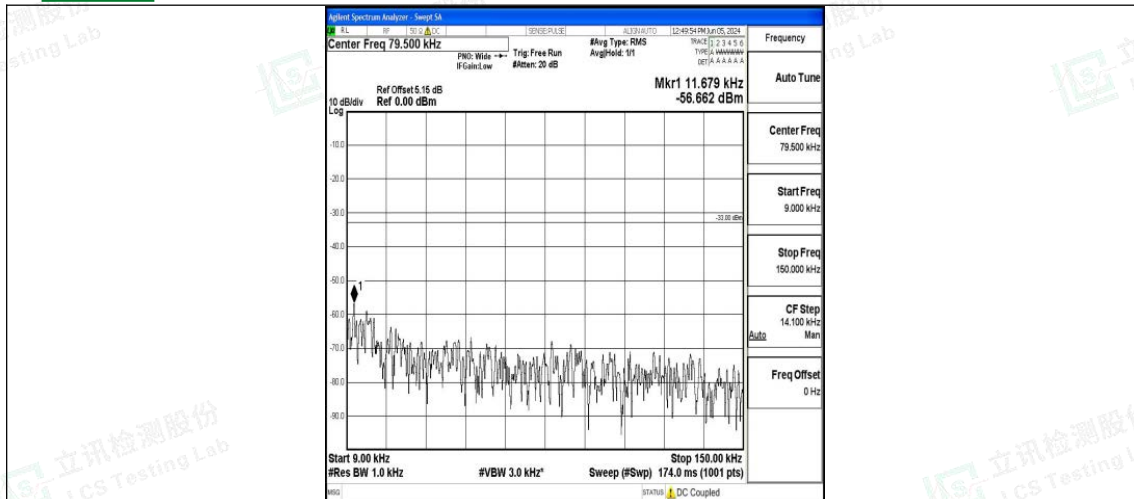


Shenzhen LCS Compliance Testing Laboratory Ltd.

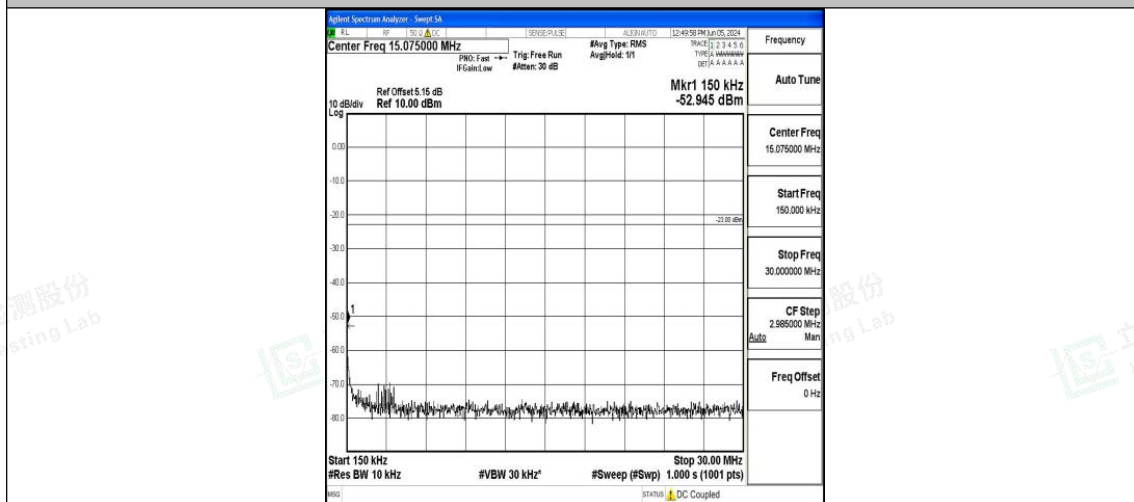
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

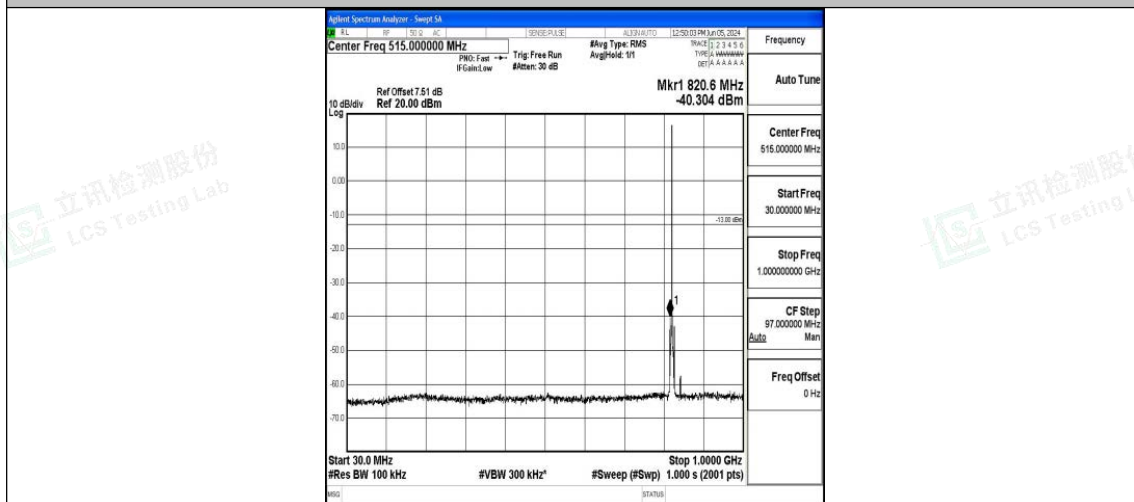
Scan code to check authenticity



Band5_1.4MHz_16QAM_20407_1RB#0_0.009~0.15_0.009~0.15



Band5_1.4MHz_16QAM_20407_1RB#0_0.15~30_0.15~30



Band5_1.4MHz_16QAM_20407_1RB#0_30~1000_30~1000

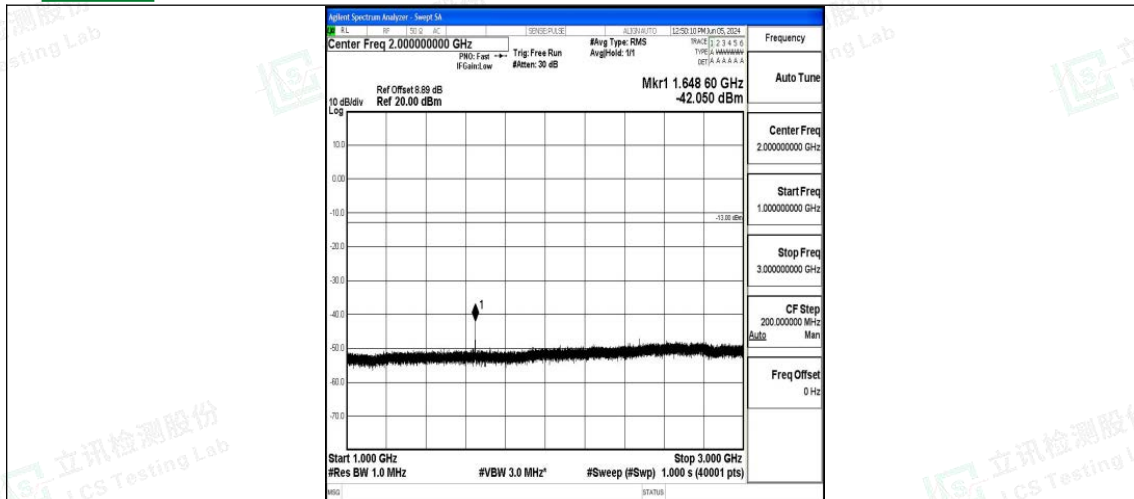


Shenzhen LCS Compliance Testing Laboratory Ltd.

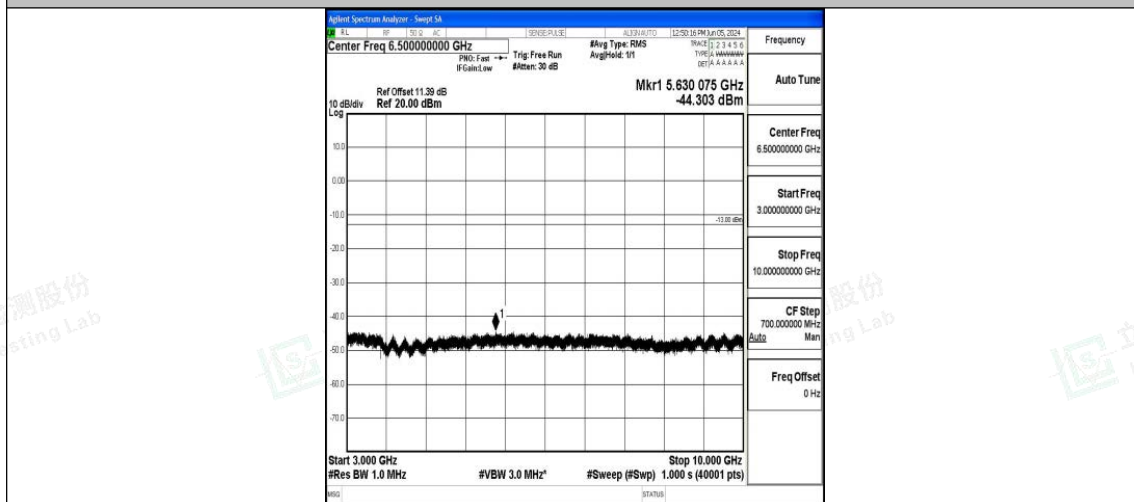
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

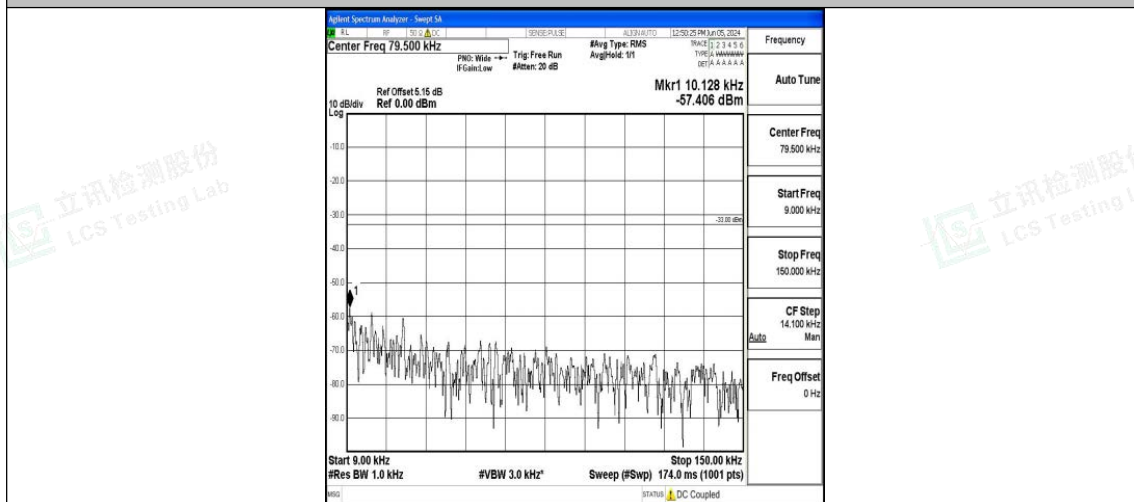
Scan code to check authenticity



Band5_1.4MHz_16QAM_20407_1RB#0_1000~3000_1000~3000



Band5_1.4MHz_16QAM_20407_1RB#0_3000~10000_3000~10000



Band5_1.4MHz_QPSK_20525_1RB#0_0.009~0.15_0.009~0.15

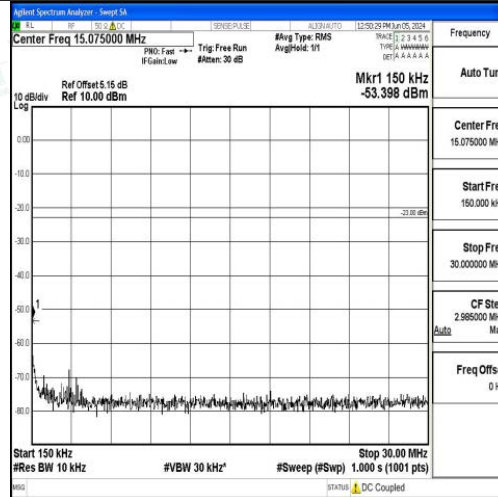


Shenzhen LCS Compliance Testing Laboratory Ltd.

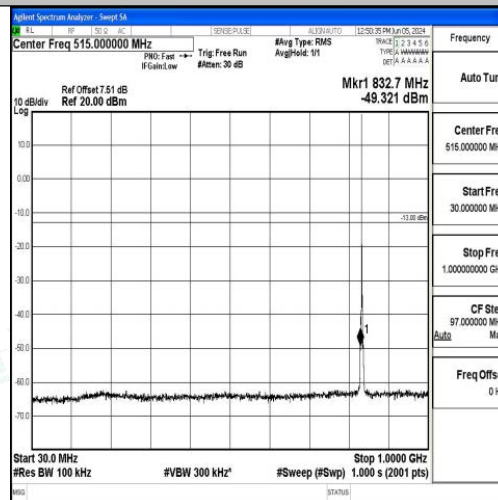
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

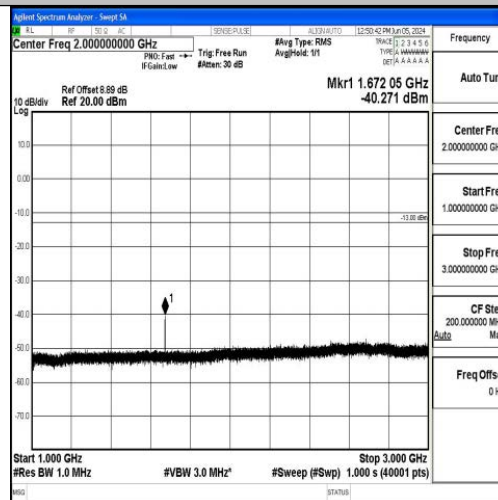
Scan code to check authenticity



Band5_1.4MHz_QPSK_20525_1RB#0_0.15~30_0.15~30



Band5_1.4MHz_QPSK_20525_1RB#0_30~1000_30~1000



Band5_1.4MHz_QPSK_20525_1RB#0_1000~3000_1000~3000

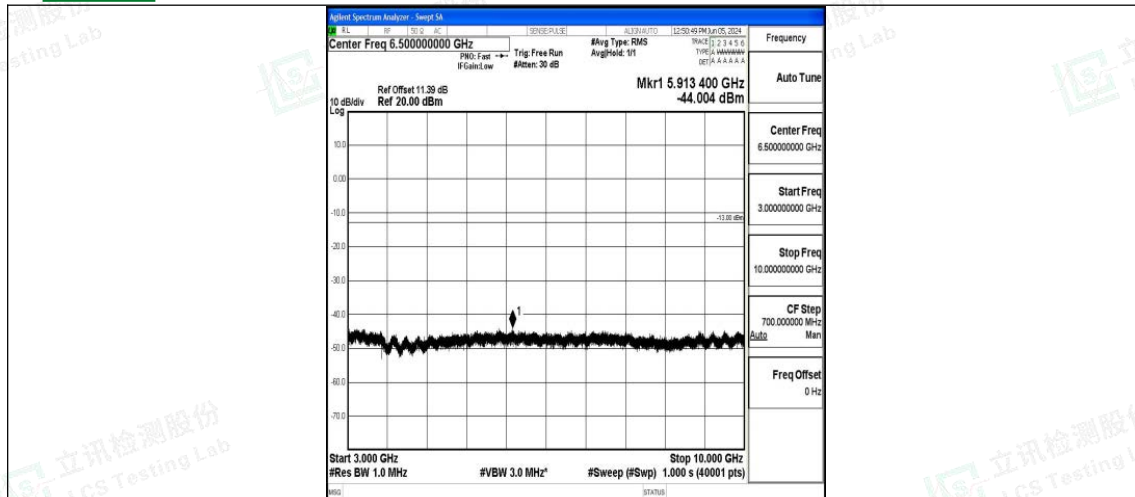


Shenzhen LCS Compliance Testing Laboratory Ltd.

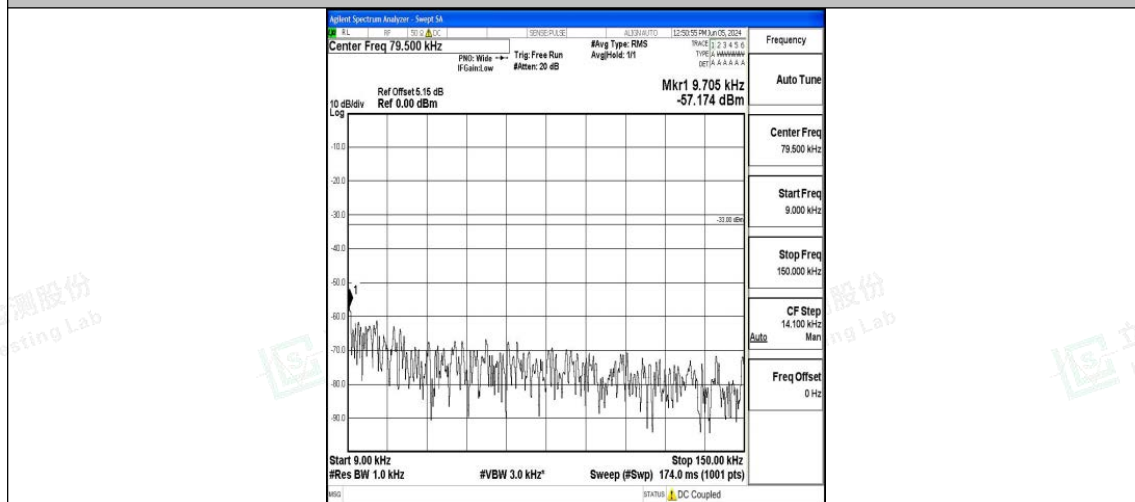
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

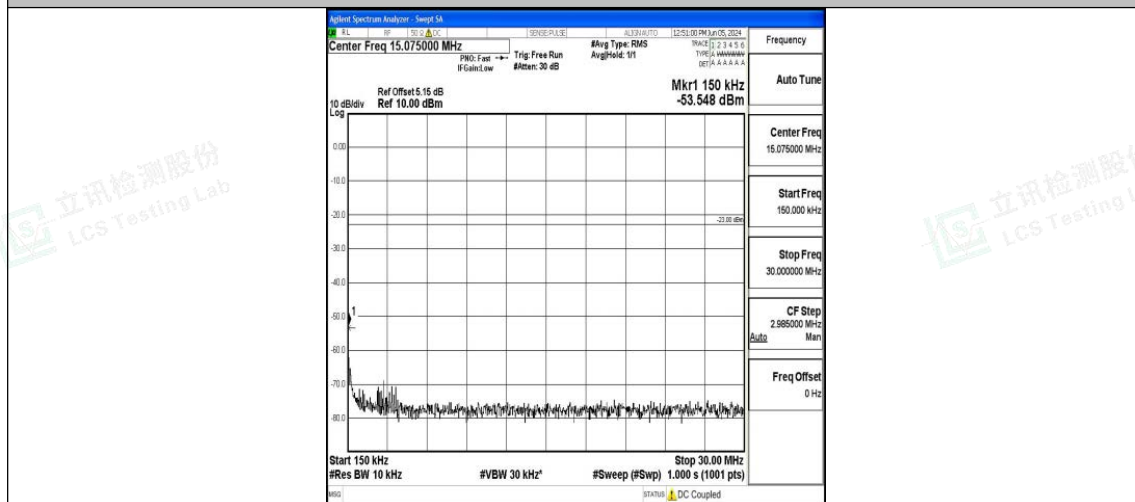
Scan code to check authenticity



Band5_1.4MHz_QPSK_20525_1RB#0_3000~10000_3000~10000



Band5_1.4MHz_16QAM_20525_1RB#0_0.009~0.15_0.009~0.15



Band5_1.4MHz_16QAM_20525_1RB#0_0.15~30_0.15~30

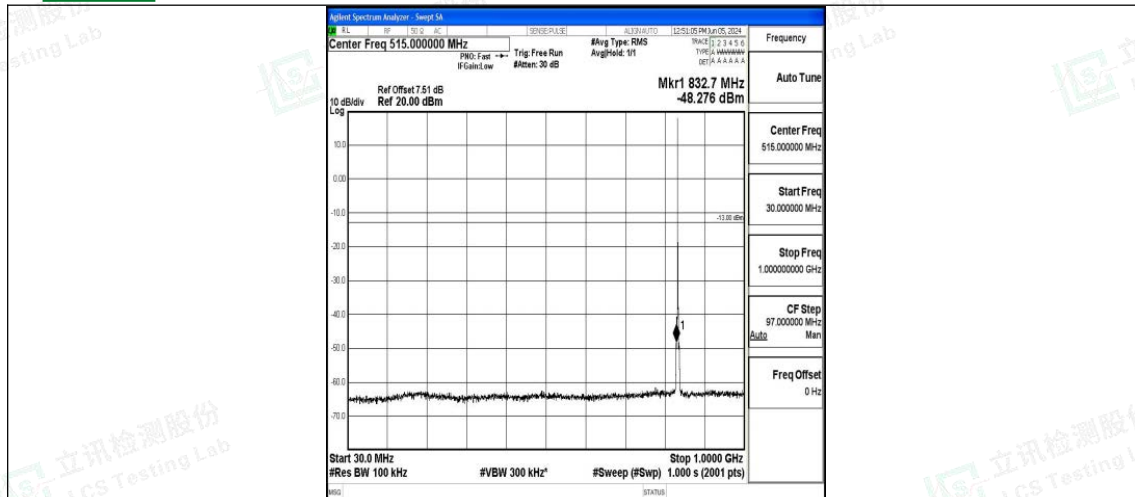


Shenzhen LCS Compliance Testing Laboratory Ltd.

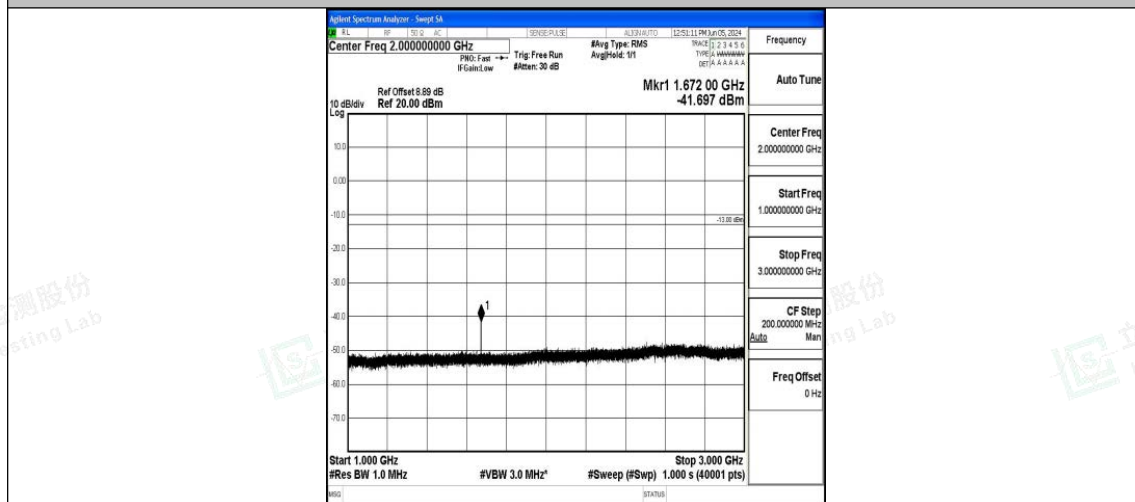
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

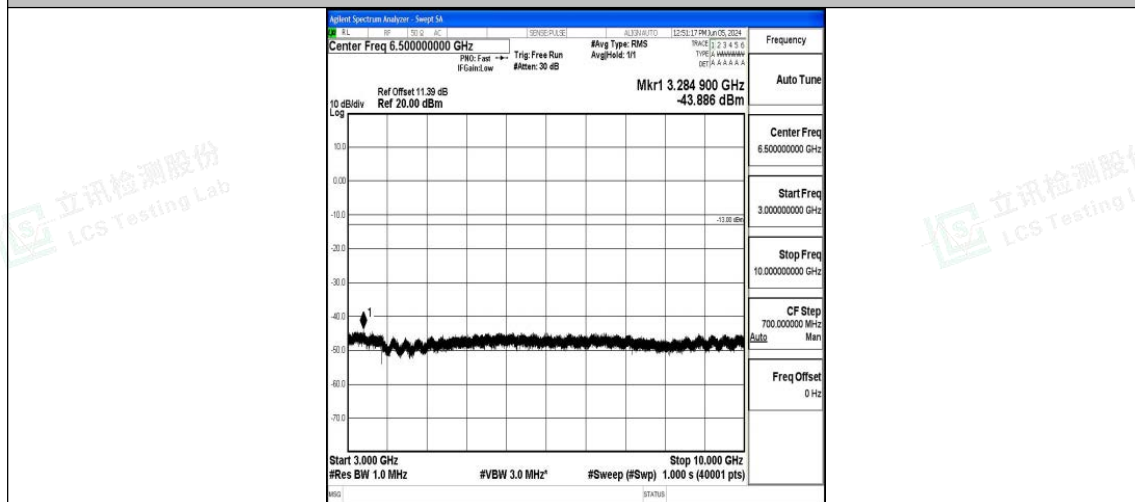
Scan code to check authenticity



Band5_1.4MHz_16QAM_20525_1RB#0_30~1000_30~1000



Band5_1.4MHz_16QAM_20525_1RB#0_1000~3000_1000~3000



Band5_1.4MHz_16QAM_20525_1RB#0_3000~10000_3000~10000

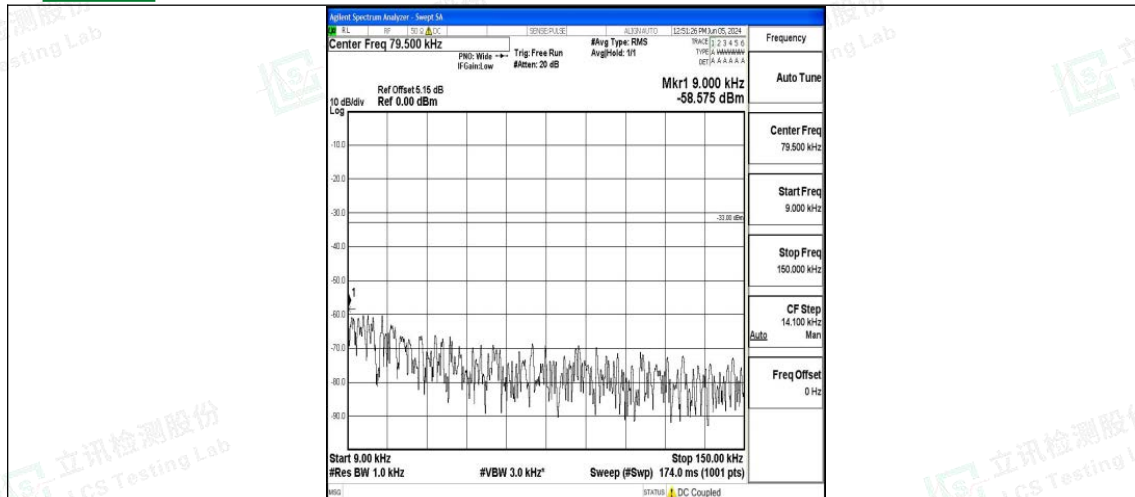


Shenzhen LCS Compliance Testing Laboratory Ltd.

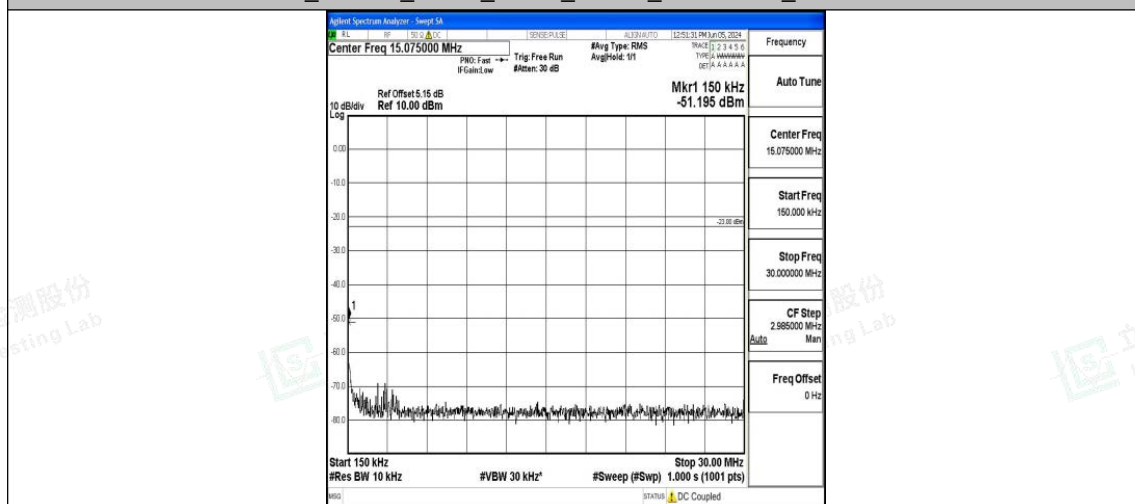
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

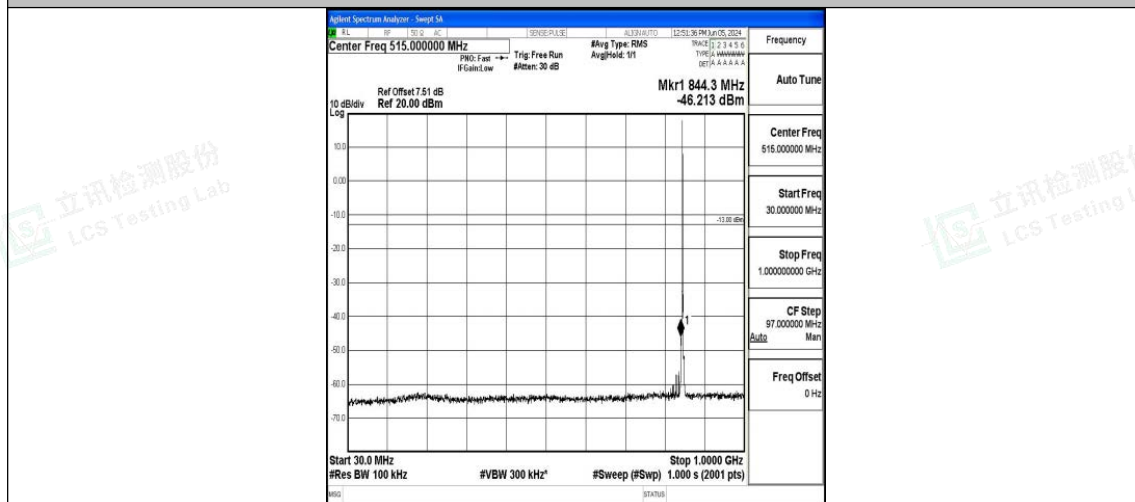
Scan code to check authenticity



Band5_1.4MHz_QPSK_20643_1RB#0_0.009~0.15_0.009~0.15



Band5_1.4MHz_QPSK_20643_1RB#0_0.15~30_0.15~30



Band5_1.4MHz_QPSK_20643_1RB#0_30~1000_30~1000

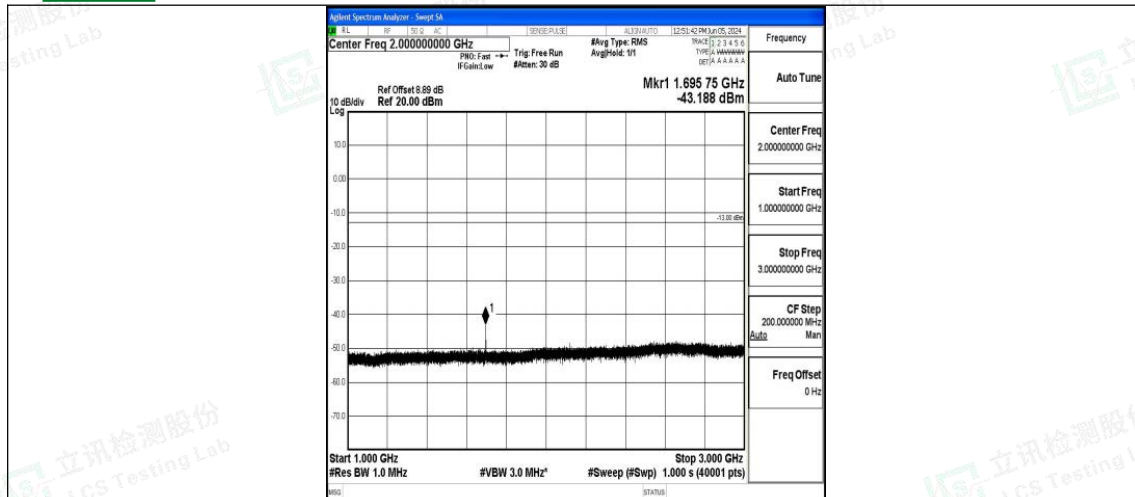


Shenzhen LCS Compliance Testing Laboratory Ltd.

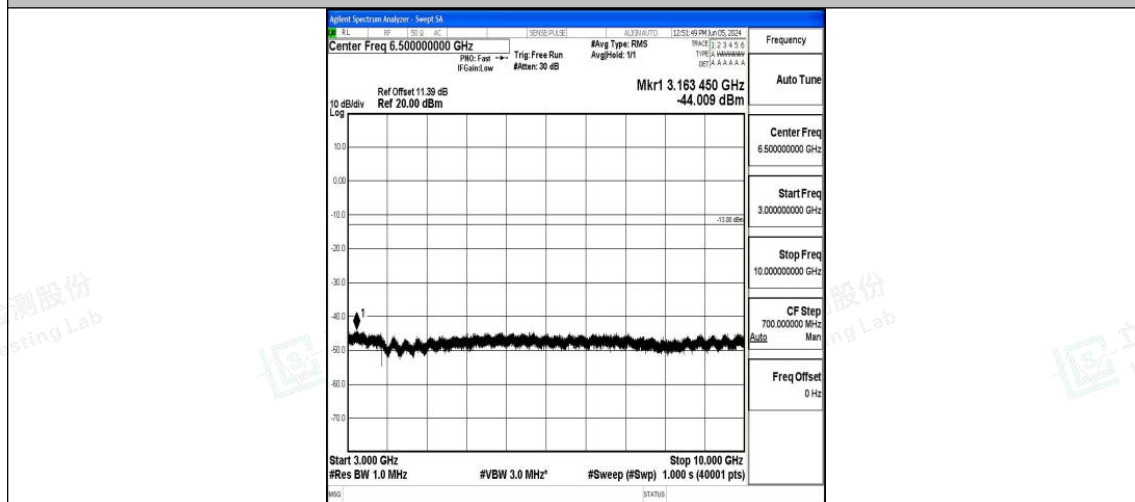
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

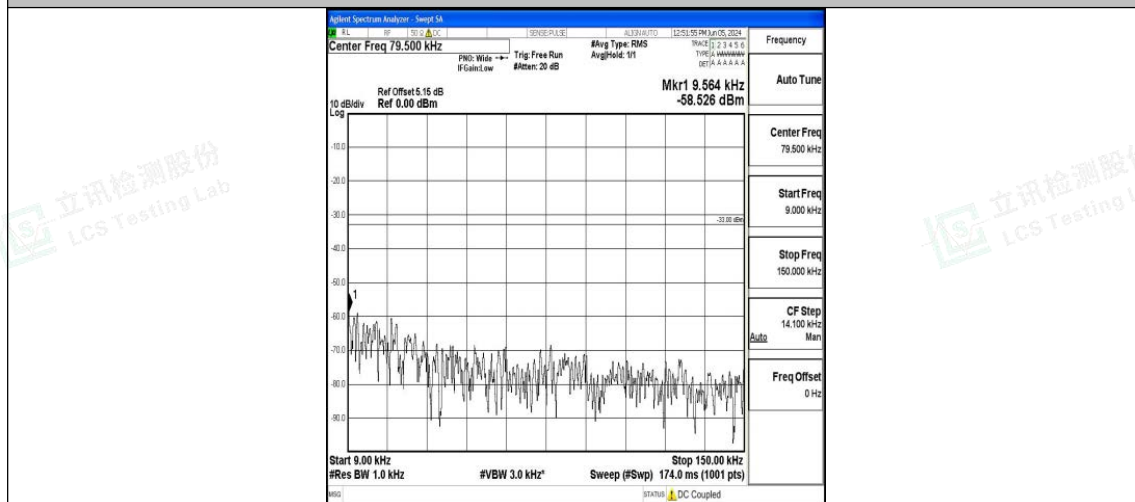
Scan code to check authenticity



Band5_1.4MHz_QPSK_20643_1RB#0_1000~3000_1000~3000



Band5_1.4MHz_QPSK_20643_1RB#0_3000~10000_3000~10000



Band5_1.4MHz_16QAM_20643_1RB#0_0.009~0.15_0.009~0.15

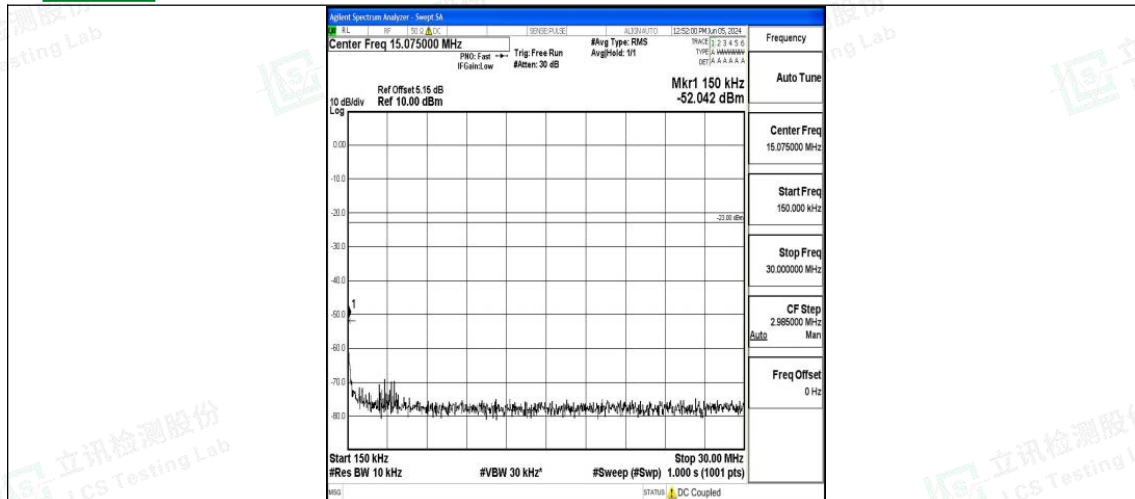


Shenzhen LCS Compliance Testing Laboratory Ltd.

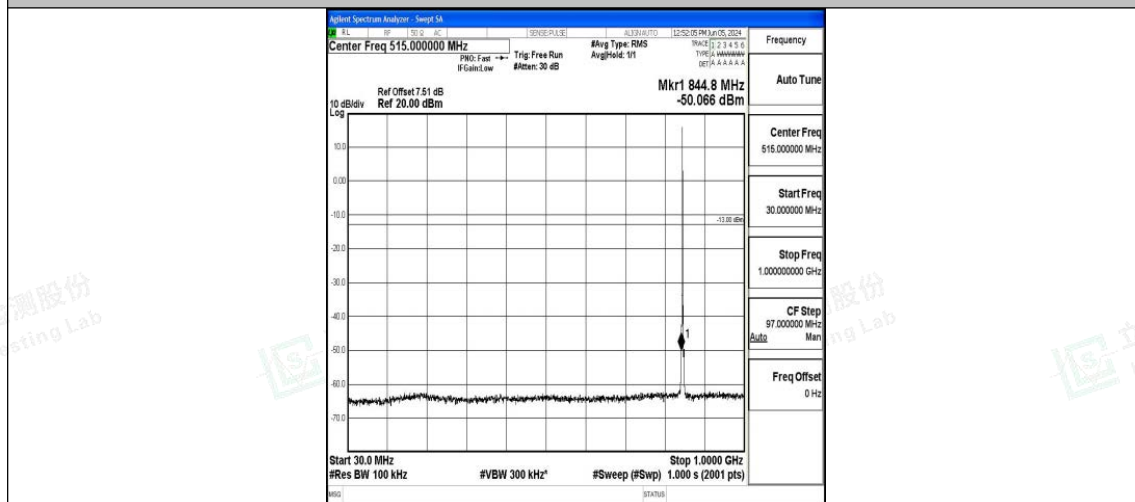
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

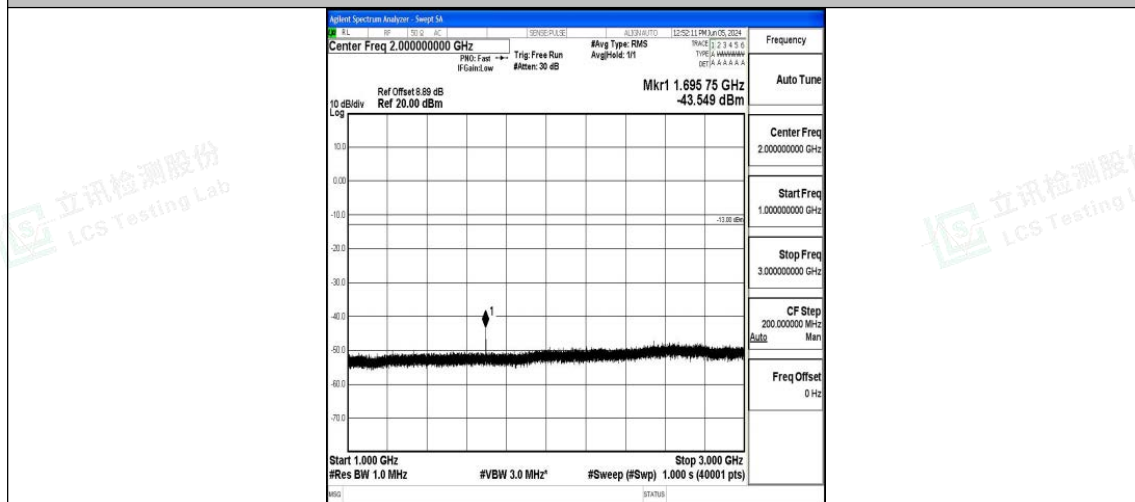
Scan code to check authenticity



Band5_1.4MHz_16QAM_20643_1RB#0_0.15~30_0.15~30



Band5_1.4MHz_16QAM_20643_1RB#0_30~1000_30~1000



Band5_1.4MHz_16QAM_20643_1RB#0_1000~3000_1000~3000

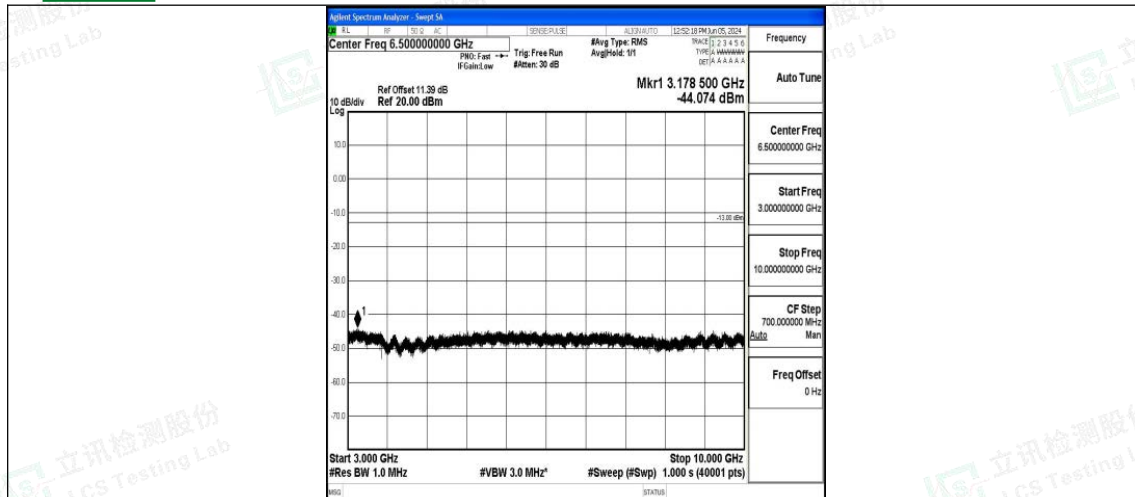


Shenzhen LCS Compliance Testing Laboratory Ltd.

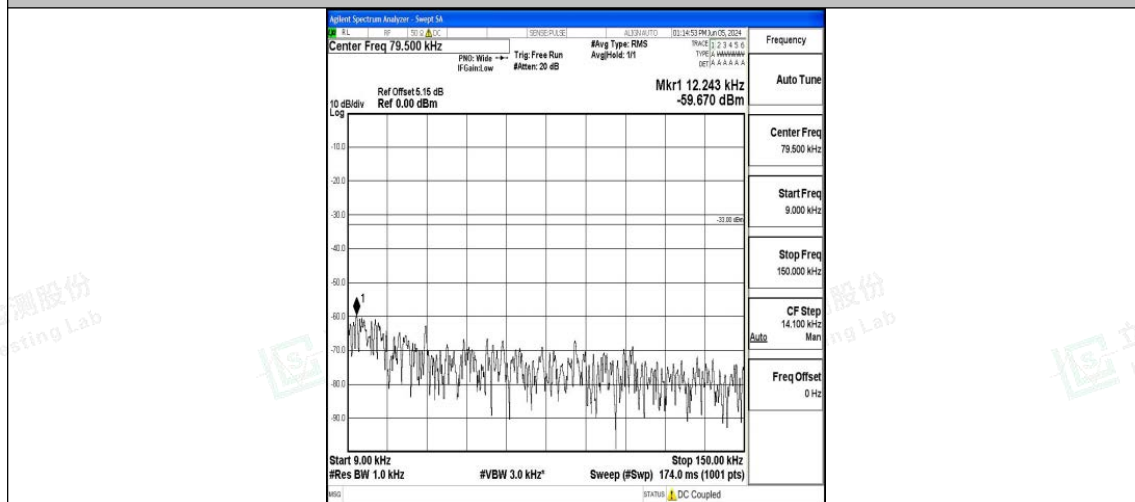
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

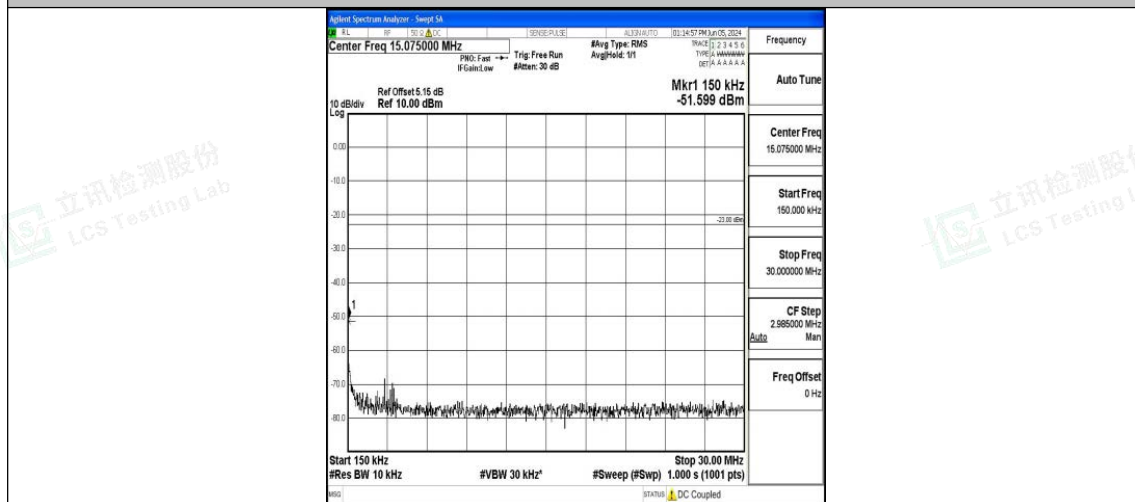
Scan code to check authenticity



Band5_1.4MHz_16QAM_20643_1RB#0_3000~10000_3000~10000



Band5_3MHz_QPSK_20415_1RB#0_0.009~0.15_0.009~0.15



Band5_3MHz_QPSK_20415_1RB#0_0.15~30_0.15~30

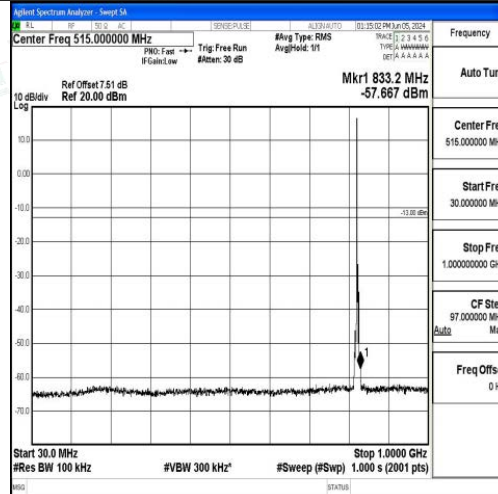


Shenzhen LCS Compliance Testing Laboratory Ltd.

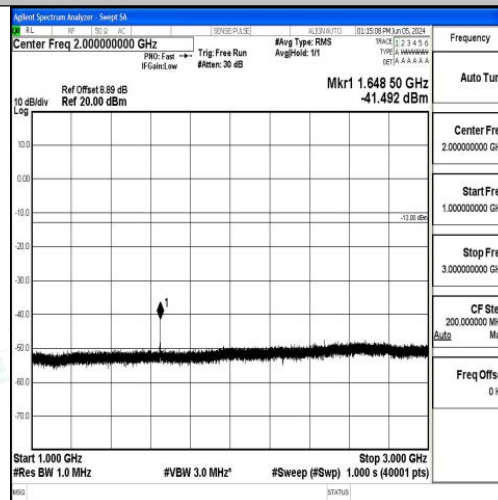
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

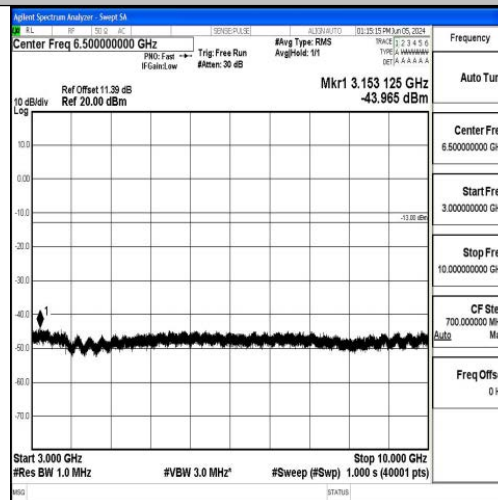
Scan code to check authenticity



Band5_3MHz_QPSK_20415_1RB#0_30~1000_30~1000



Band5_3MHz_QPSK_20415_1RB#0_1000~3000_1000~3000



Band5_3MHz_QPSK_20415_1RB#0_3000~10000_3000~10000



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