



Appendix G: Test Data for E-UTRA Band 4

Product Name: Tablet PC

Test Model: S38

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Can Kun
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



G.1 Conducted Power Output Data Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	20.63	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	20.43	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	20.52	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	20.51	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	20.61	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	20.46	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	20.76	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	19.68	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	20.66	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	19.49	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	20.75	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	19.58	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	19.85	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	19.04	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	20.98	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	19.71	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	21.09	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	19.65	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	21.05	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	19.63	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	21.04	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	19.98	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	21.02	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	19.93	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	21.07	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	19.97	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	20.19	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	19.50	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	21.63	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.01	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	21.68	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.07	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	21.73	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.25	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	21.91	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	20.79	PASS



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



Band4	1.4MHz	QPSK	20393	3RB#1	21.92	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	20.80	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	21.99	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	20.83	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	20.96	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.10	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.90	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.10	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.97	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.11	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.83	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.11	PASS
Band4	3MHz	QPSK	19965	8RB#0	22.25	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.56	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.17	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.57	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.22	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.40	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.09	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.32	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.79	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.39	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.63	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.33	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.76	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.31	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.87	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.30	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.97	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.29	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.92	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.24	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.94	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.01	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.77	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.12	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.79	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.08	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.80	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.26	PASS



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



Band4	3MHz	QPSK	20385	8RB#0	21.98	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.33	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.06	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.24	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.02	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.26	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.99	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.18	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.01	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.77	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.97	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.69	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.65	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.25	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.34	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.16	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.34	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.19	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.36	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.21	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.48	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.66	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.11	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.66	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.16	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.68	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.18	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.97	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.24	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.97	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.23	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.92	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.19	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.92	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.23	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.84	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.64	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.84	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.60	PASS



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



Band4	5MHz	QPSK	20375	1RB#24	22.86	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.62	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.05	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.08	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.05	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.19	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.12	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.15	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.01	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.27	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.90	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.16	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.83	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.14	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.78	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.03	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.24	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.29	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.06	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.30	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.04	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.26	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.10	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.25	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.80	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.91	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.78	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.86	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.75	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.15	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.91	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.19	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.00	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.18	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.97	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.21	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.96	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.12	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.57	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.46	PASS



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



Band4	10MHz	QPSK	20350	1RB#24	22.64	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.49	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.72	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.16	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.91	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.21	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.02	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.22	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.06	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.18	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.06	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.25	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.93	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.12	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.83	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.03	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.66	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.96	PASS
Band4	15MHz	QPSK	20025	38RB#0	22.12	PASS
Band4	15MHz	16QAM	20025	38RB#0	22.12	PASS
Band4	15MHz	QPSK	20025	38RB#18	22.11	PASS
Band4	15MHz	16QAM	20025	38RB#18	22.11	PASS
Band4	15MHz	QPSK	20025	38RB#37	22.11	PASS
Band4	15MHz	16QAM	20025	38RB#37	22.10	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.10	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.30	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.43	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.99	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.32	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.94	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.30	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.68	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.91	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.89	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.89	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.89	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.88	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.88	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.87	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.19	PASS



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



Band4	15MHz	QPSK	20325	1RB#0	22.56	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.22	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.62	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.31	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.81	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.10	PASS
Band4	15MHz	QPSK	20325	38RB#0	22.02	PASS
Band4	15MHz	16QAM	20325	38RB#0	22.02	PASS
Band4	15MHz	QPSK	20325	38RB#18	22.02	PASS
Band4	15MHz	16QAM	20325	38RB#18	22.03	PASS
Band4	15MHz	QPSK	20325	38RB#37	22.03	PASS
Band4	15MHz	16QAM	20325	38RB#37	22.04	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.04	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.17	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.91	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.02	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.80	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.78	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.03	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.84	PASS
Band4	20MHz	QPSK	20050	50RB#0	22.12	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.34	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.06	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.35	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.96	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.24	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.10	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.30	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.85	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.64	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.76	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.50	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.75	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.42	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.94	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.24	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.91	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.27	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.99	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.22	PASS





Band4	20MHz	QPSK	20175	100RB#0	21.96	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.21	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.80	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.55	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.83	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.57	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.91	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.57	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.94	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.19	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.92	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.19	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.03	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.28	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.06	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.19	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



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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	3.55	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	4.15	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	4.32	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	4.94	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3.65	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	4.31	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.57	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.24	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3.40	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	3.88	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.32	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.00	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	3.53	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	4.26	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.33	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.00	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	3.73	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	4.57	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.59	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.30	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	3.43	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	4.28	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.26	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	4.98	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	3.61	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	4.40	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.86	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.44	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	3.90	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	4.70	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.98	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.60	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	3.44	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	4.32	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.78	13	PASS



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



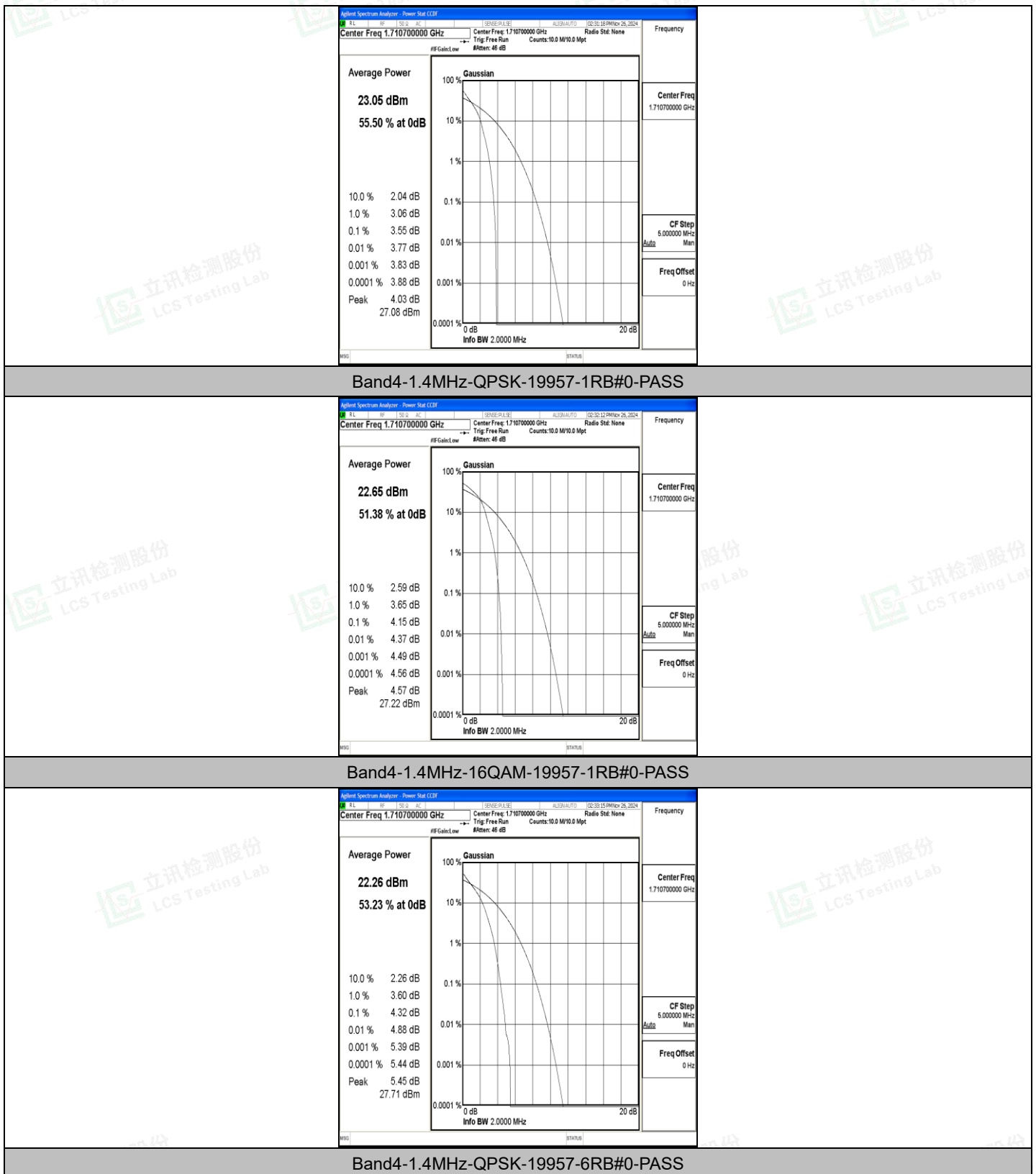
Band4	5MHz	16QAM	20375	25RB#0	5.36	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	3.54	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	4.32	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.96	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.57	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	3.92	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	4.62	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	4.99	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.67	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	3.16	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	4.27	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.80	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.41	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	3.54	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	4.23	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.28	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.73	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	3.99	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	4.63	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.23	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.74	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	3.49	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	4.13	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.00	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.52	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	3.28	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	4.15	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.05	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.69	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	3.91	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	4.72	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.93	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.68	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	3.42	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	3.95	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.75	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.37	13	PASS



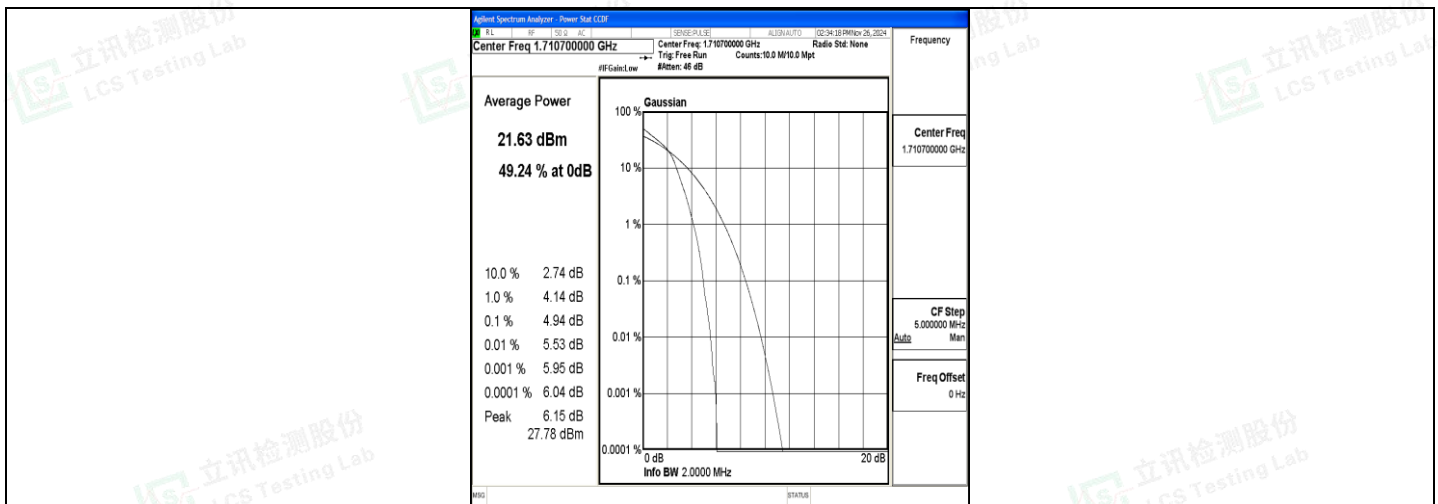
Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street,
Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



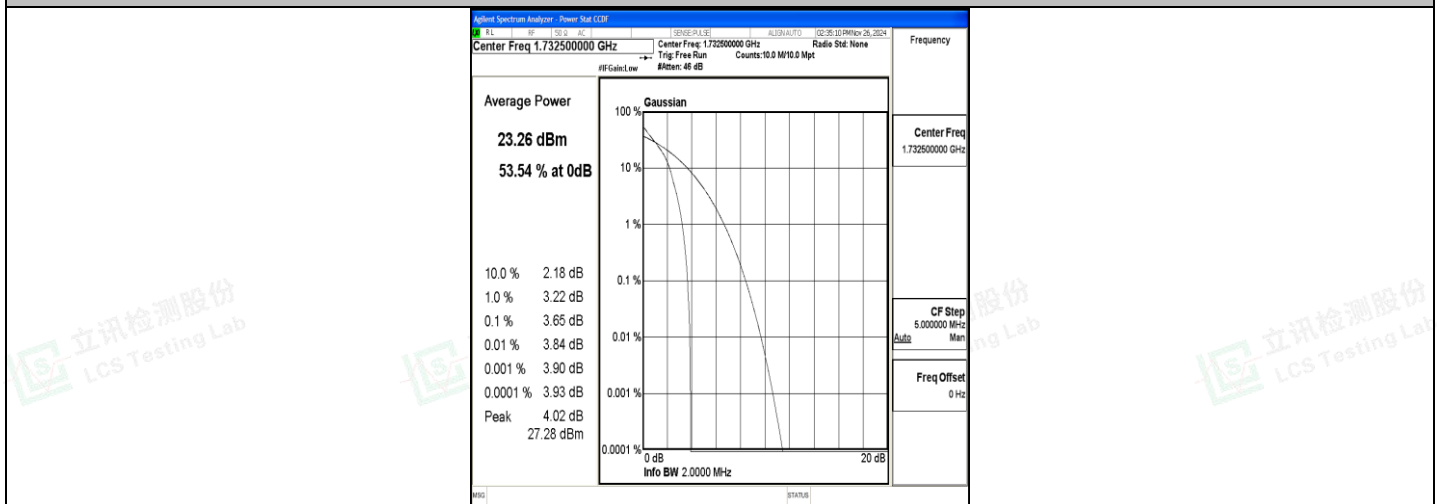
Test Graphs



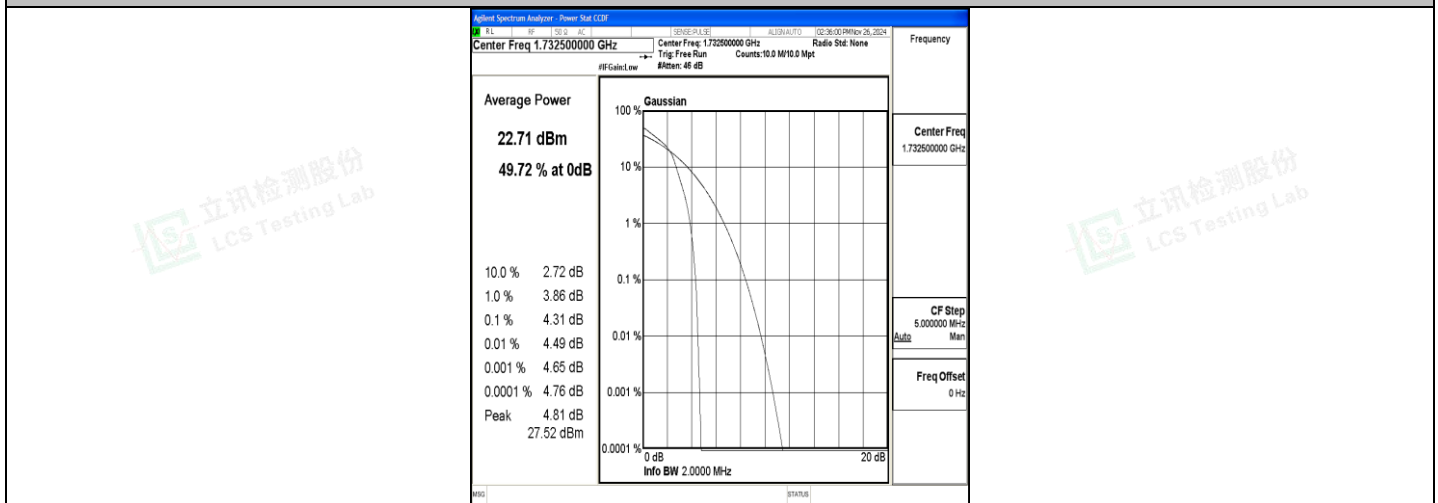
Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street,
Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



Band4-1.4MHz-16QAM-19957-6RB#0-PASS

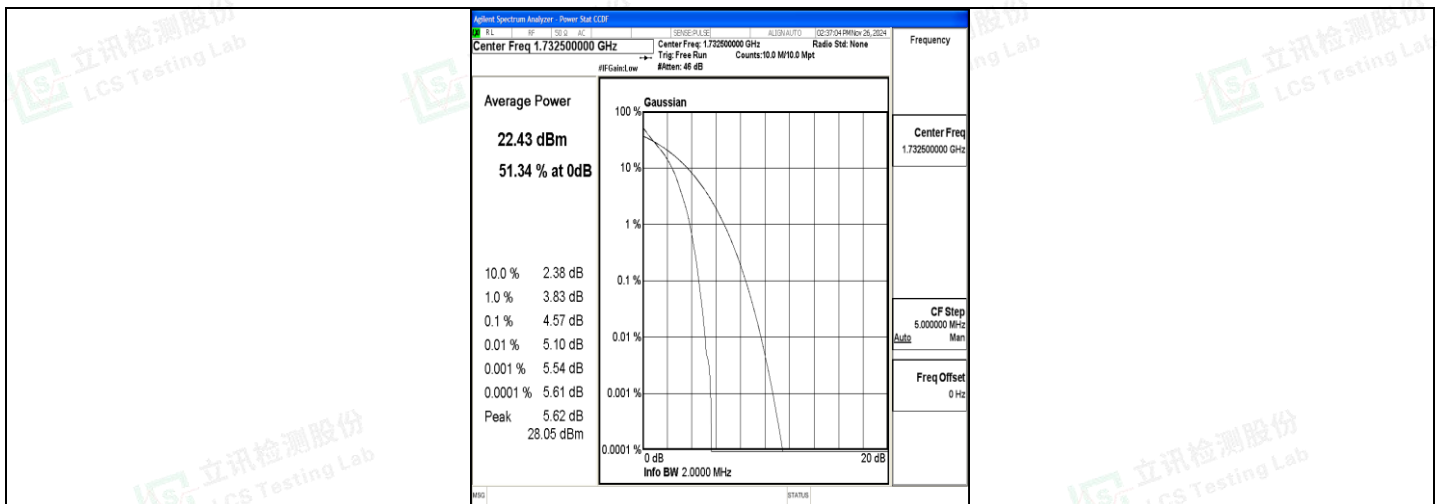


Band4-1.4MHz-QPSK-20175-1RB#0-PASS

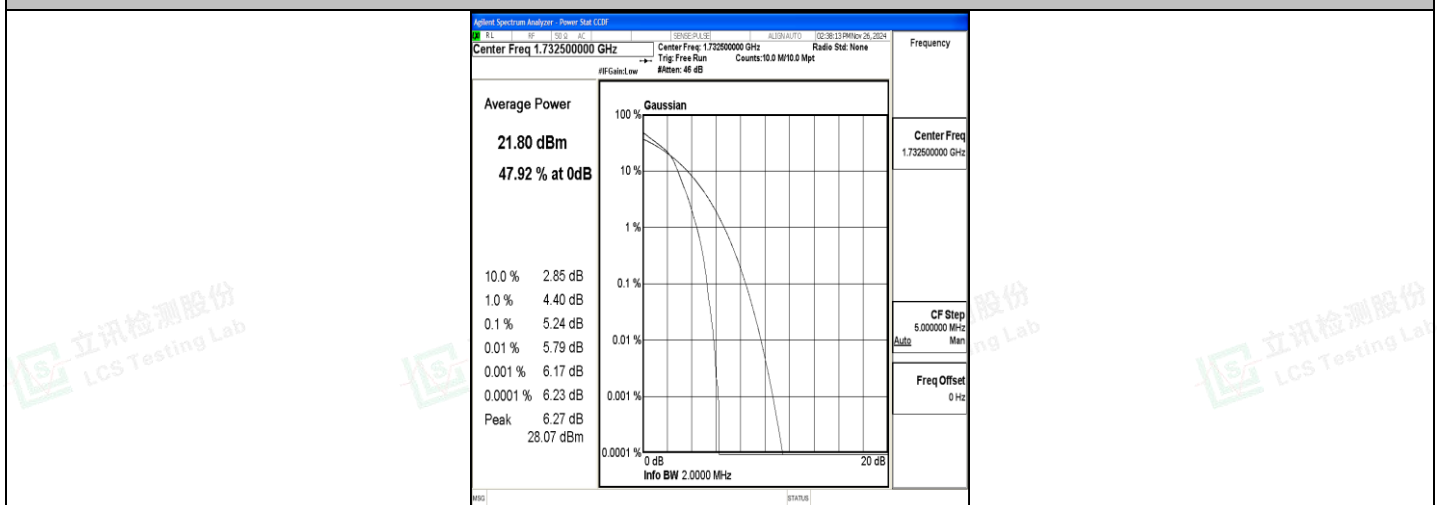


Band4-1.4MHz-16QAM-20175-1RB#0-PASS

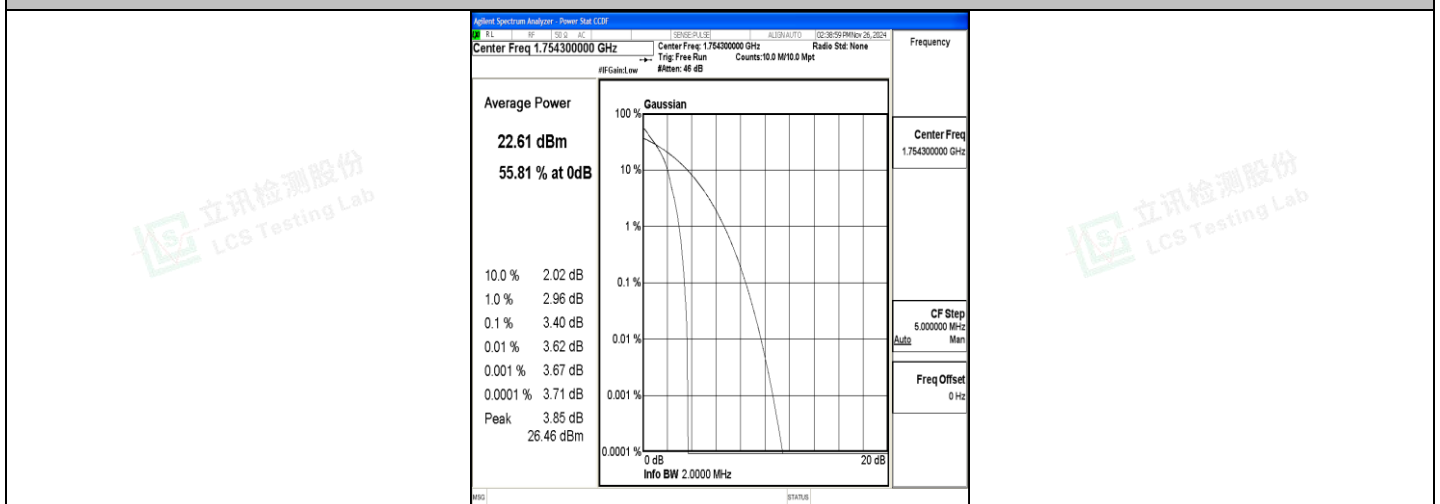




Band4-1.4MHz-QPSK-20175-6RB#0-PASS

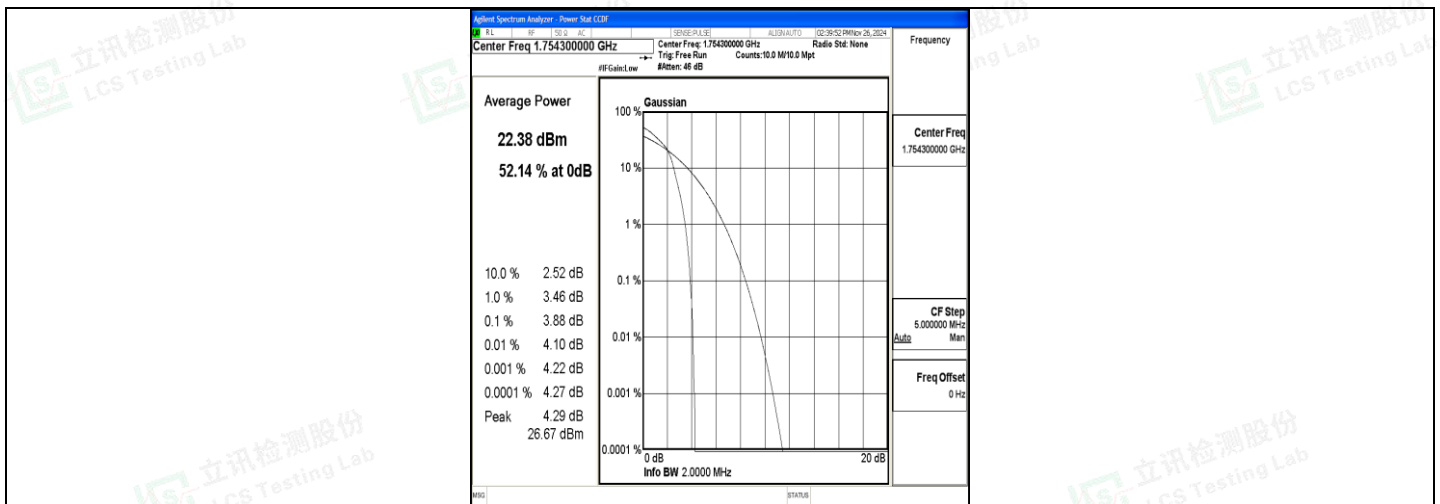


Band4-1.4MHz-16QAM-20175-6RB#0-PASS

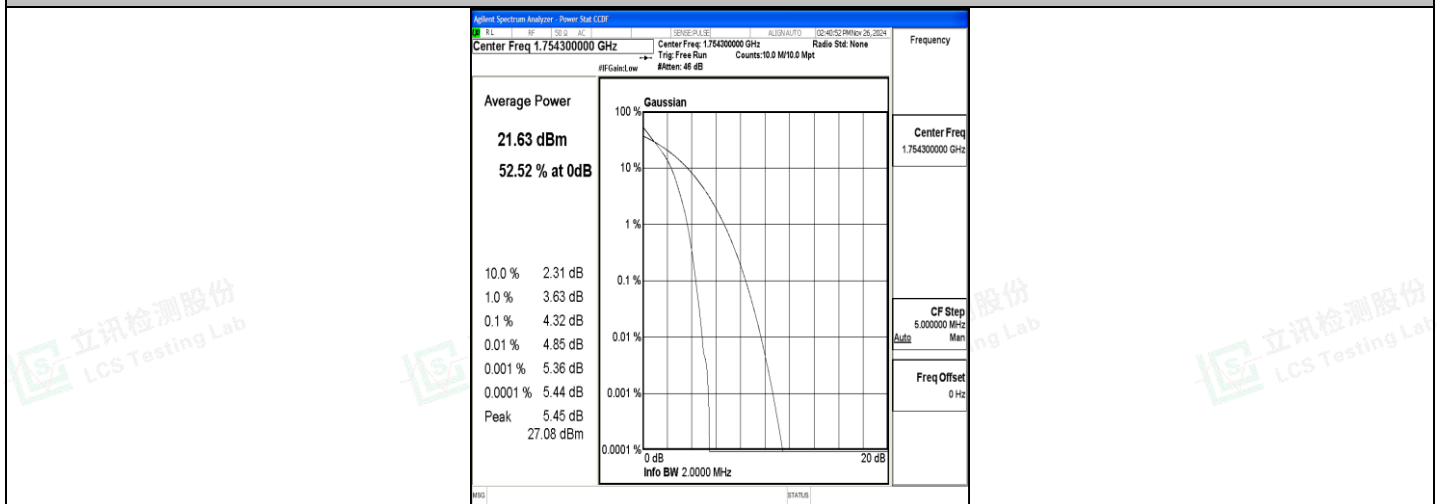


Band4-1.4MHz-QPSK-20393-1RB#0-PASS

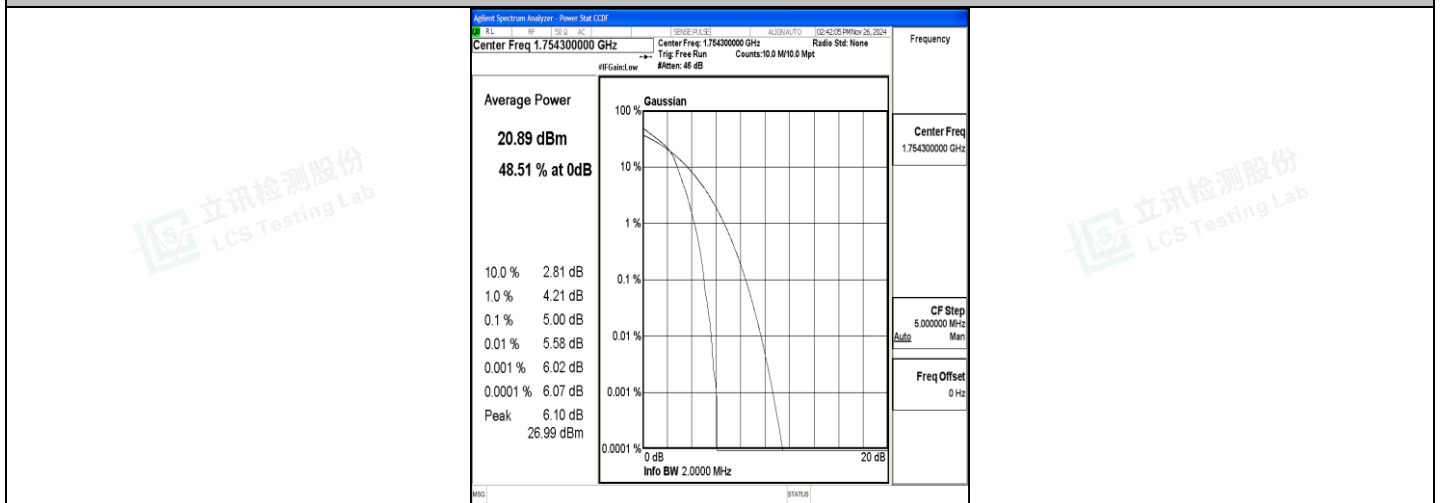




Band4-1.4MHz-16QAM-20393-1RB#0-PASS

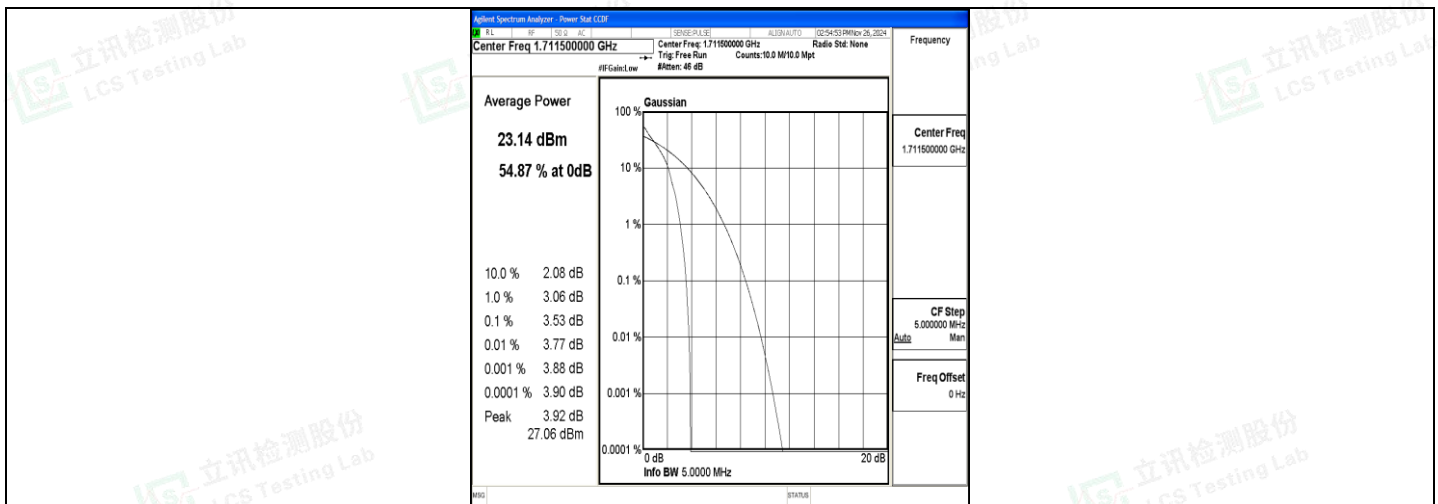


Band4-1.4MHz-QPSK-20393-6RB#0-PASS

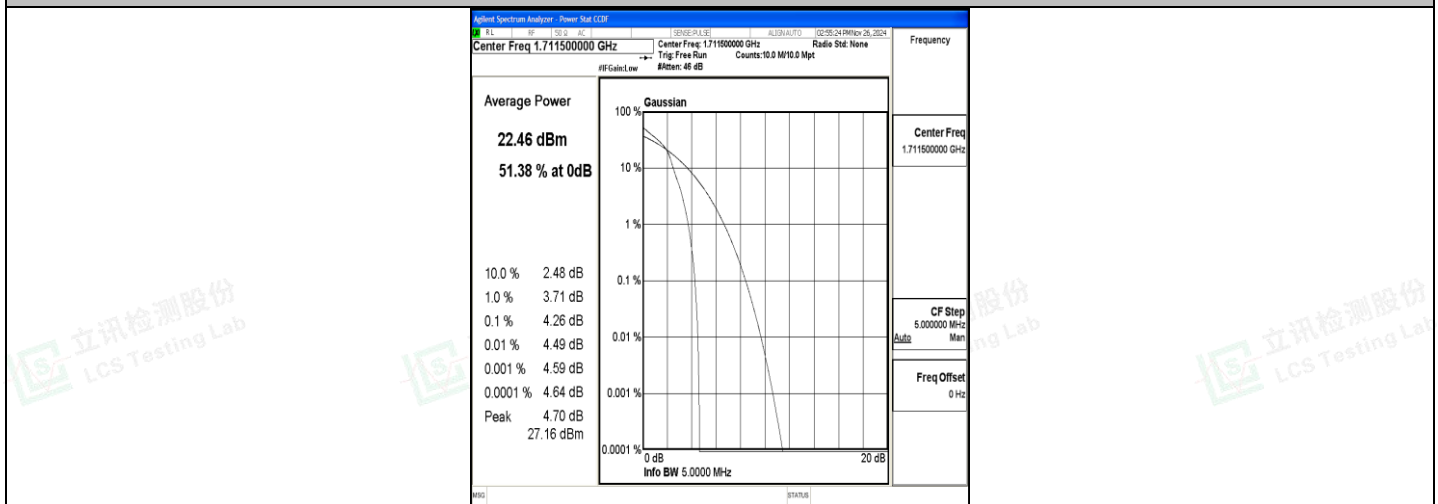


Band4-1.4MHz-16QAM-20393-6RB#0-PASS

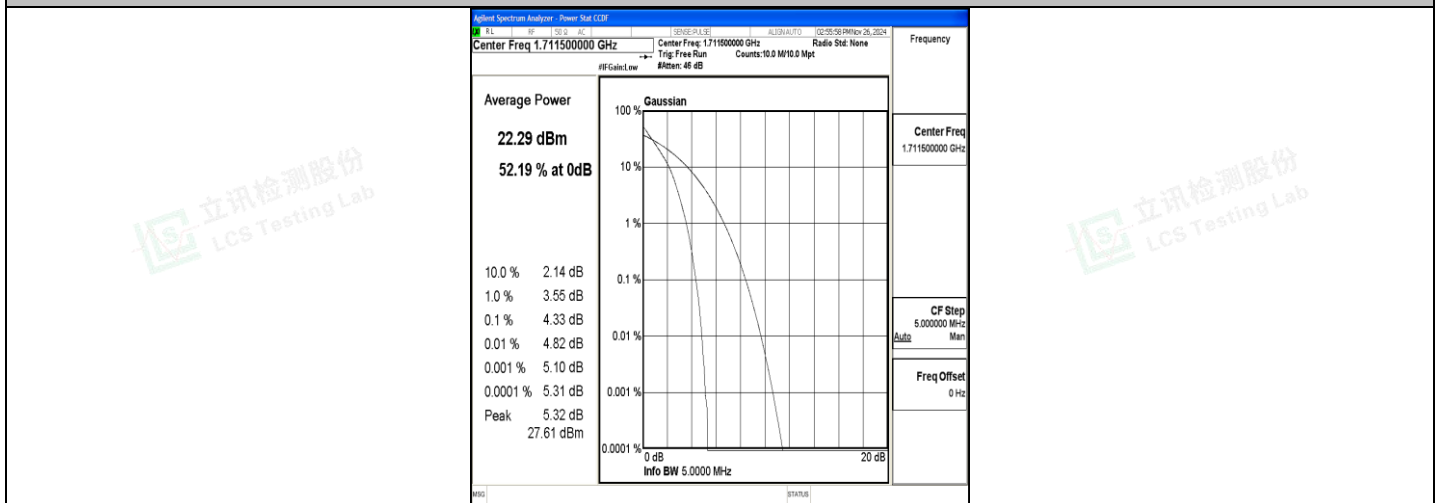




Band4-3MHz-QPSK-19965-1RB#0-PASS



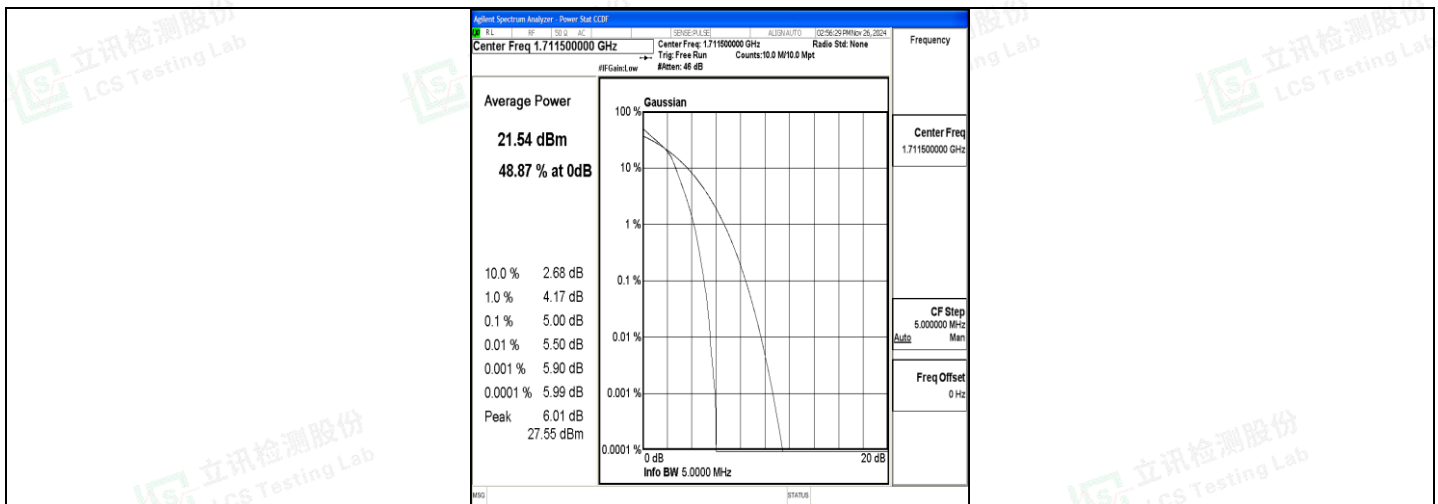
Band4-3MHz-16QAM-19965-1RB#0-PASS



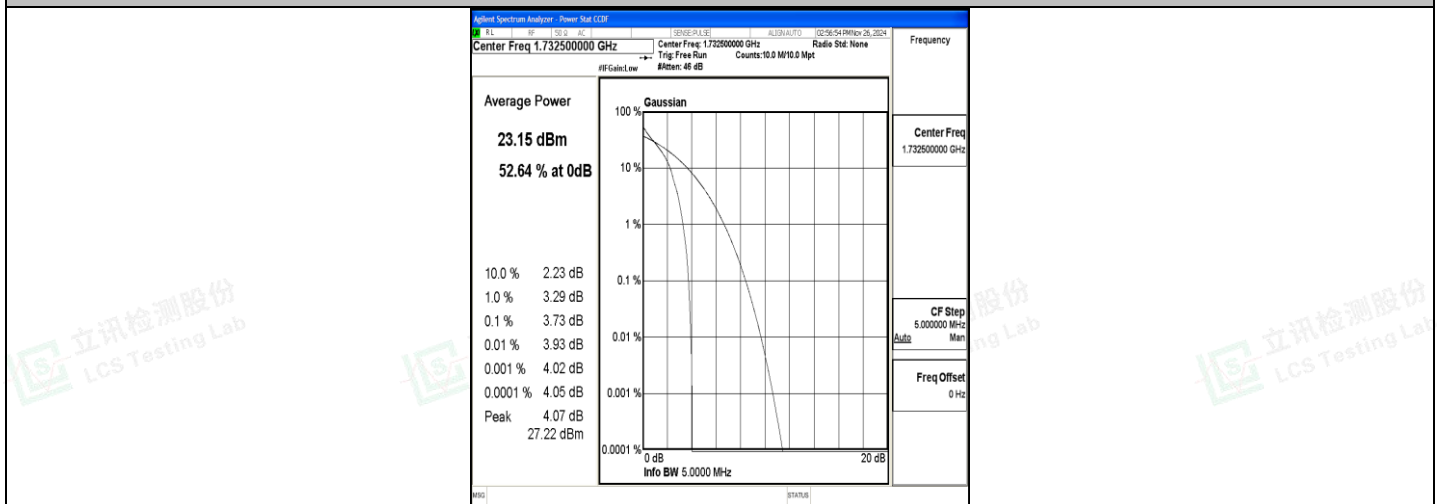
Band4-3MHz-QPSK-19965-15RB#0-PASS



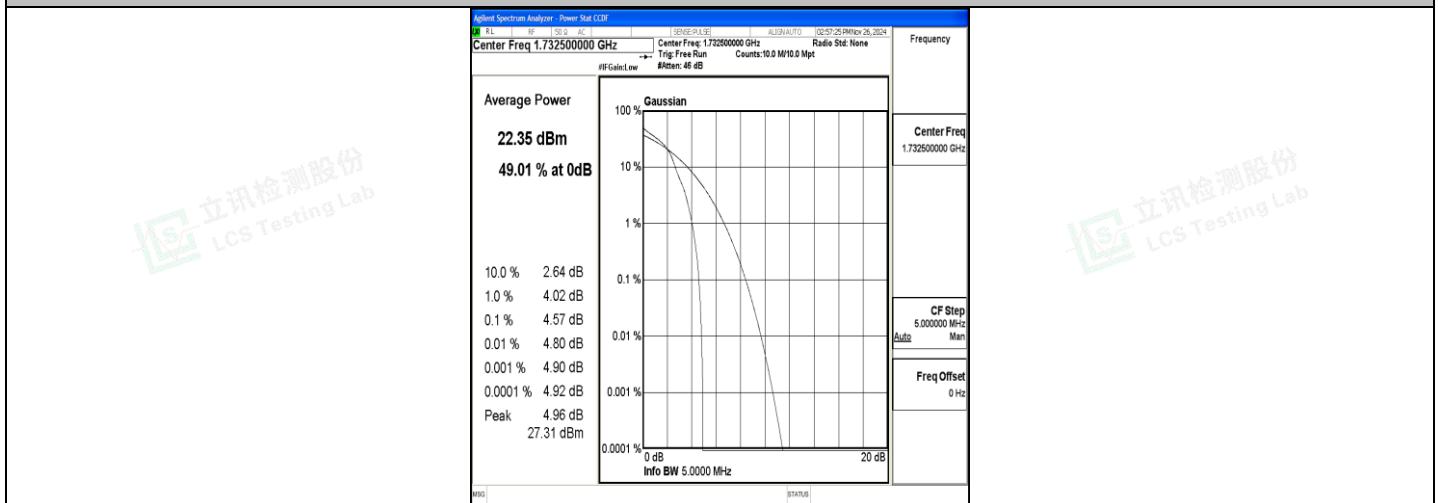
Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street,
Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



Band4-3MHz-16QAM-19965-15RB#0-PASS

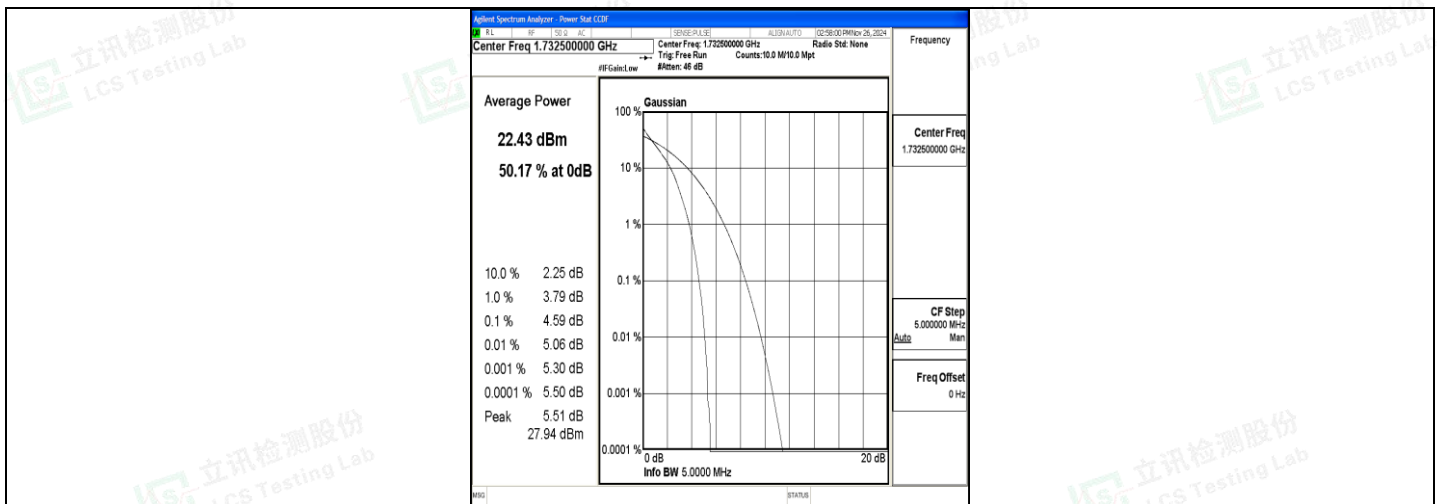


Band4-3MHz-QPSK-20175-1RB#0-PASS

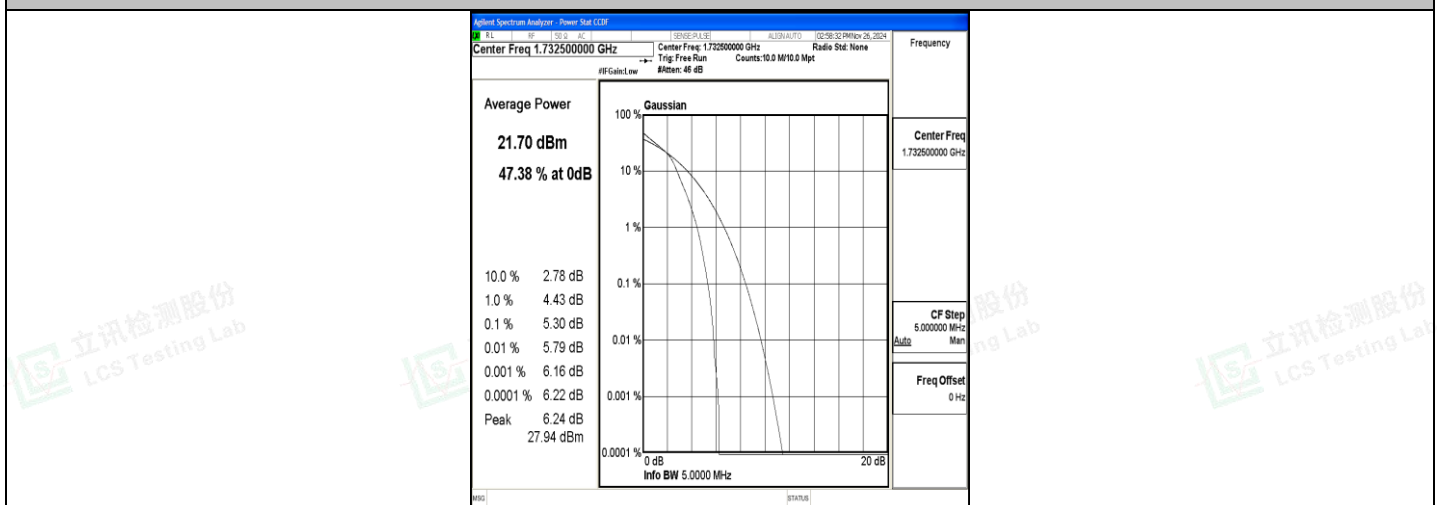


Band4-3MHz-16QAM-20175-1RB#0-PASS

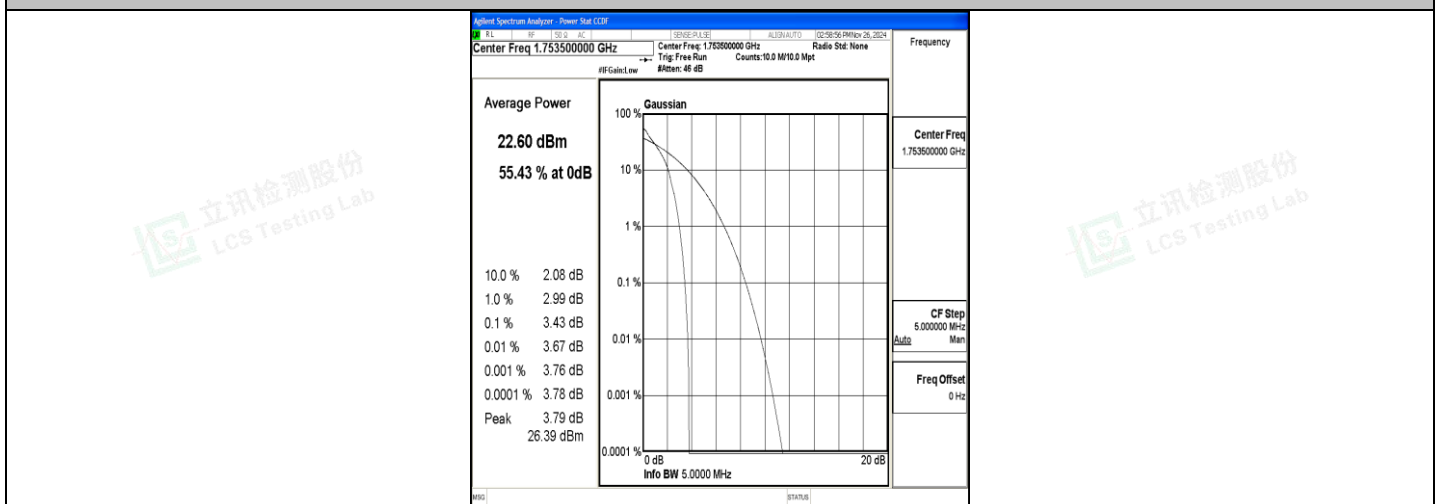




Band4-3MHz-QPSK-20175-15RB#0-PASS



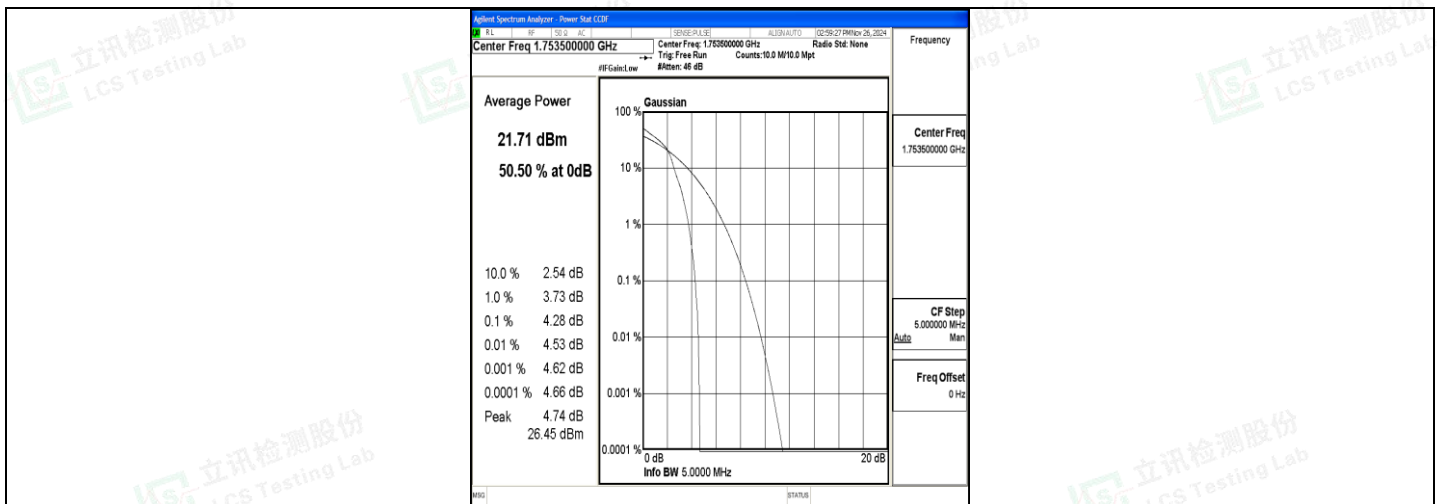
Band4-3MHz-16QAM-20175-15RB#0-PASS



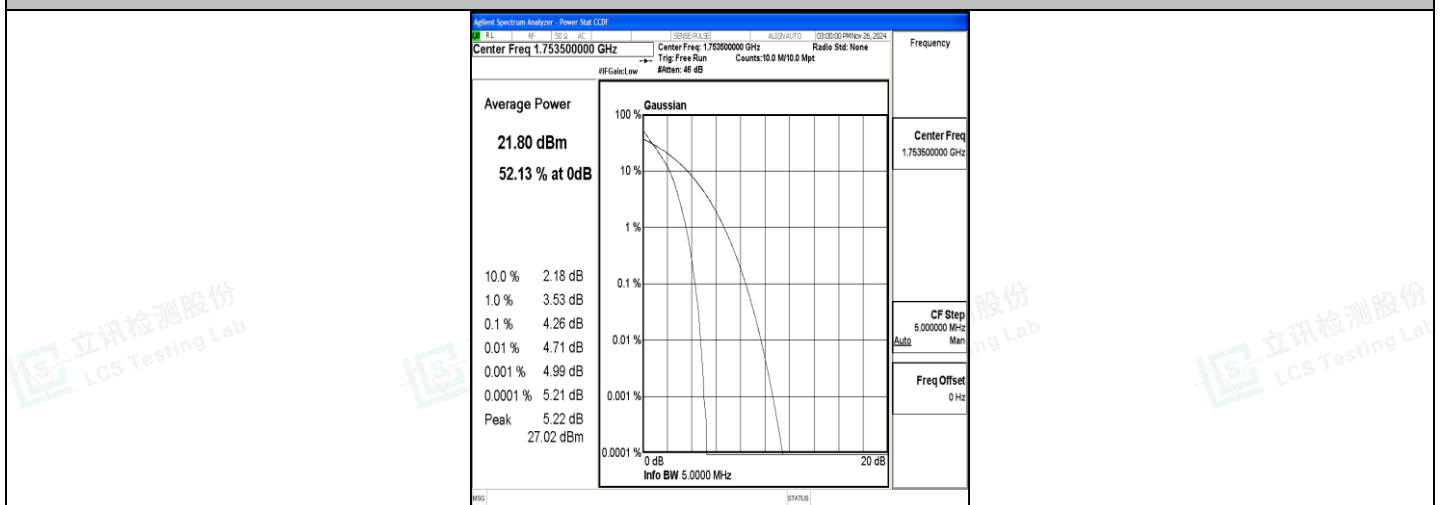
Band4-3MHz-QPSK-20385-1RB#0-PASS



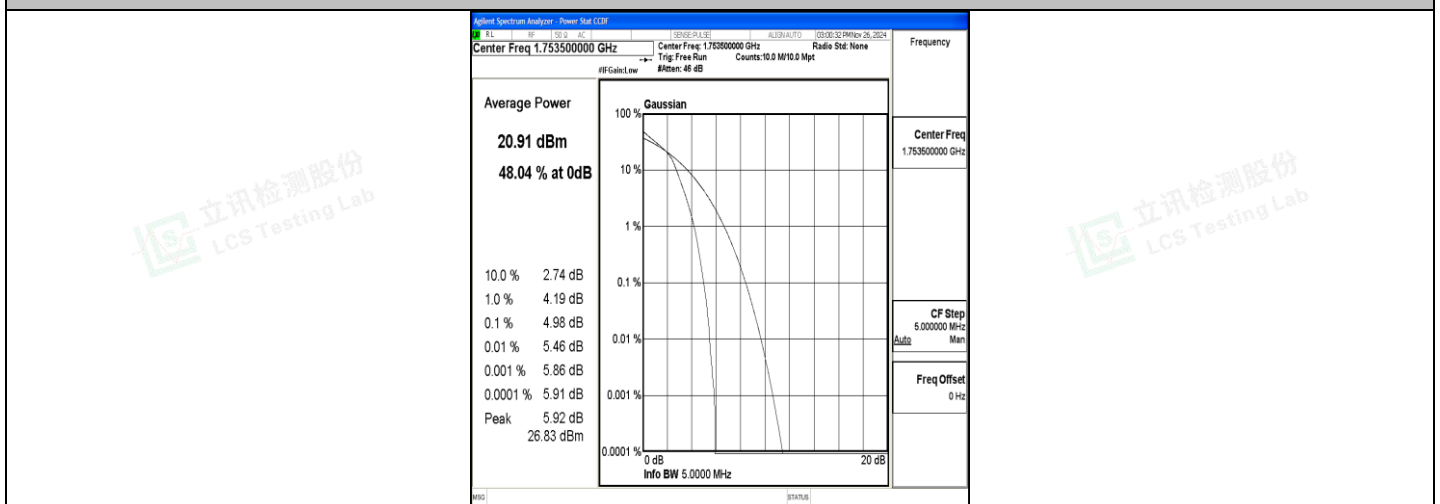
Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street,
Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



Band4-3MHz-16QAM-20385-1RB#0-PASS



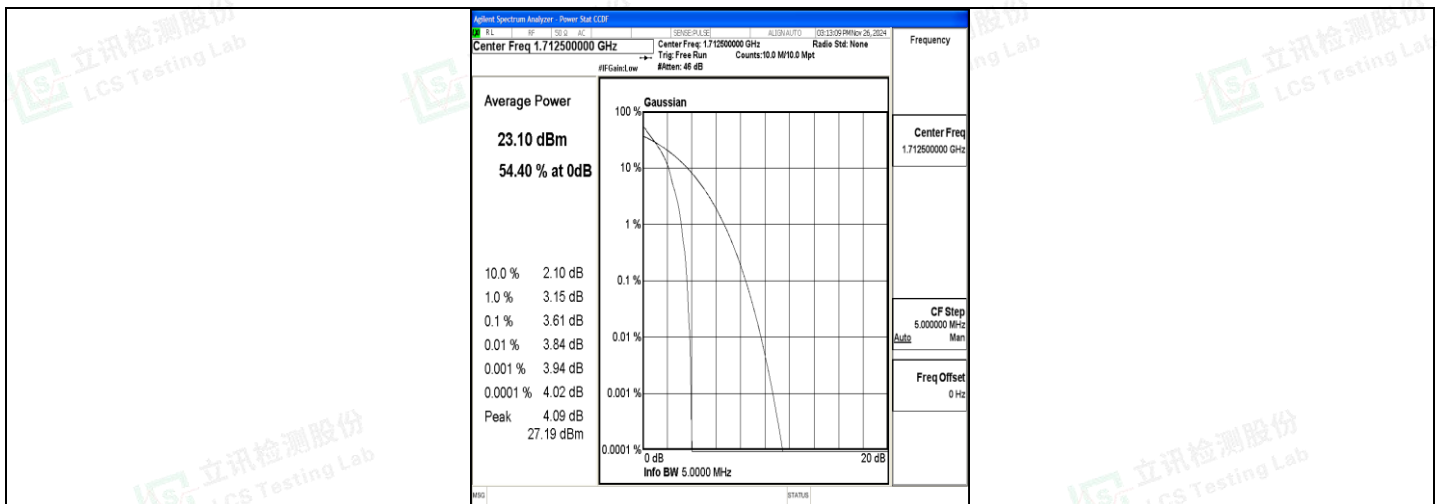
Band4-3MHz-QPSK-20385-15RB#0-PASS



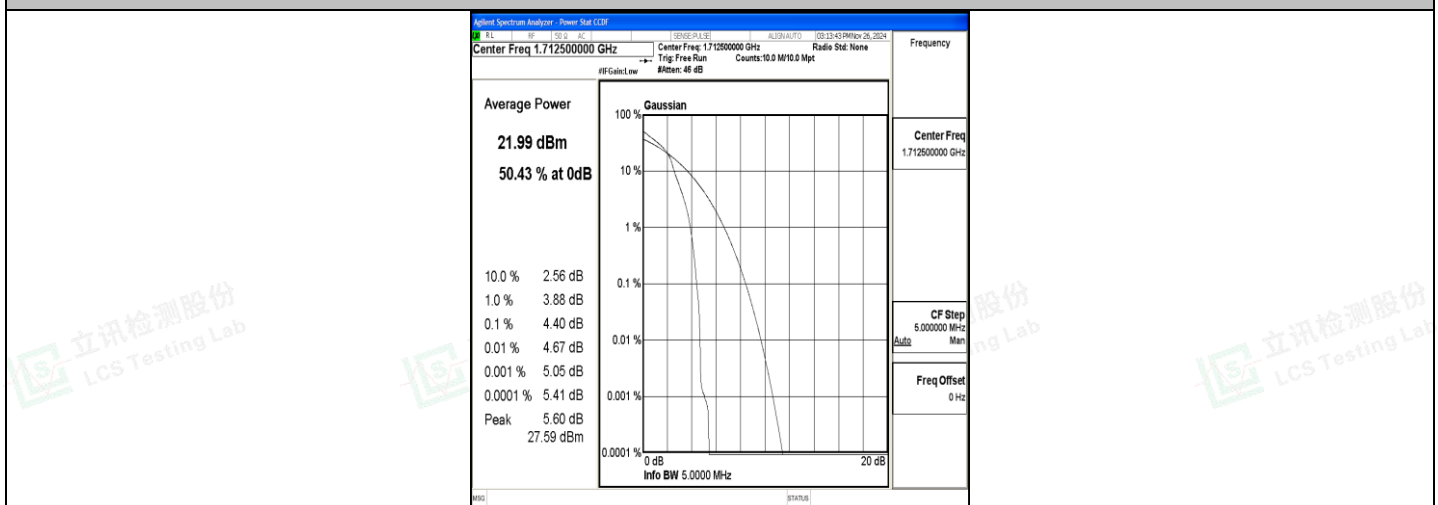
Band4-3MHz-16QAM-20385-15RB#0-PASS



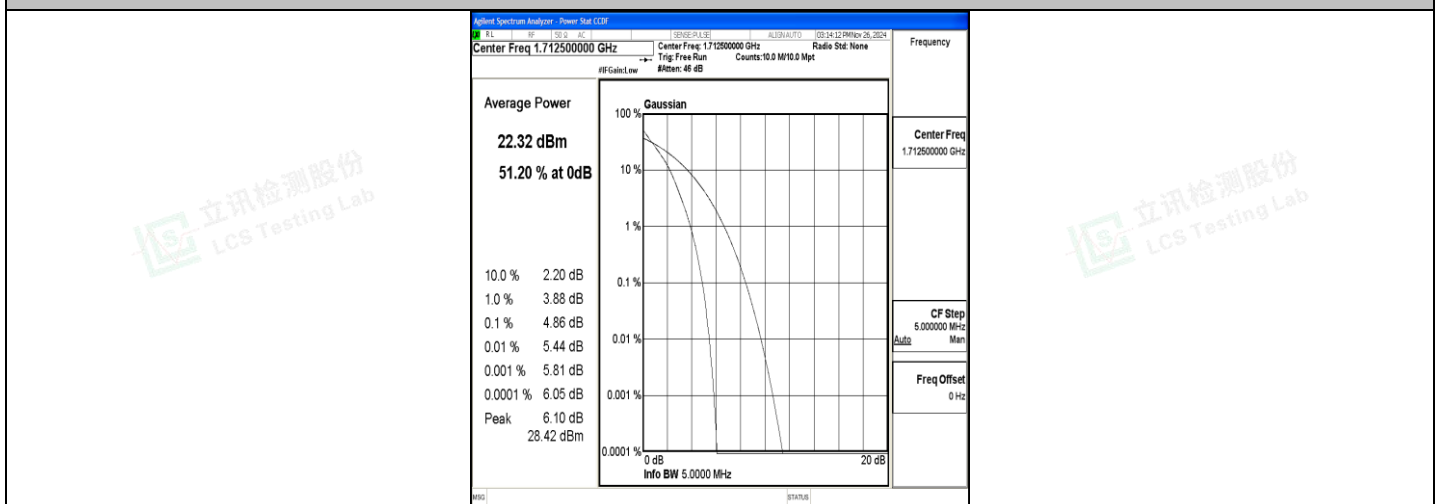
Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street,
Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



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



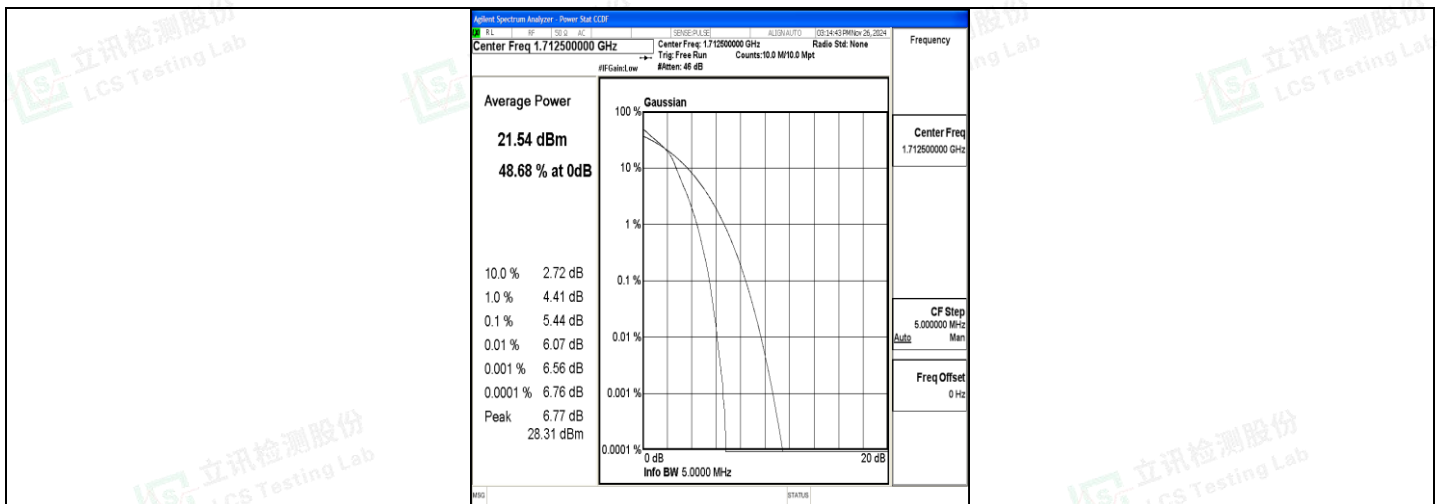
Band4-5MHz-16QAM-19975-1RB#0-PASS



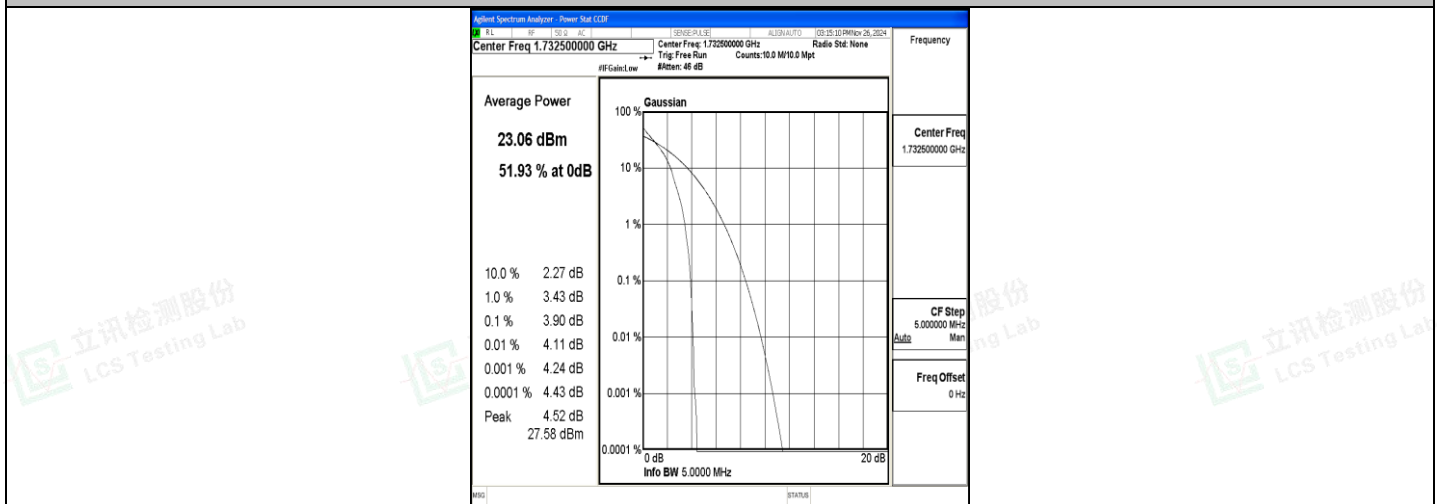
Band4-5MHz-QPSK-19975-25RB#0-PASS



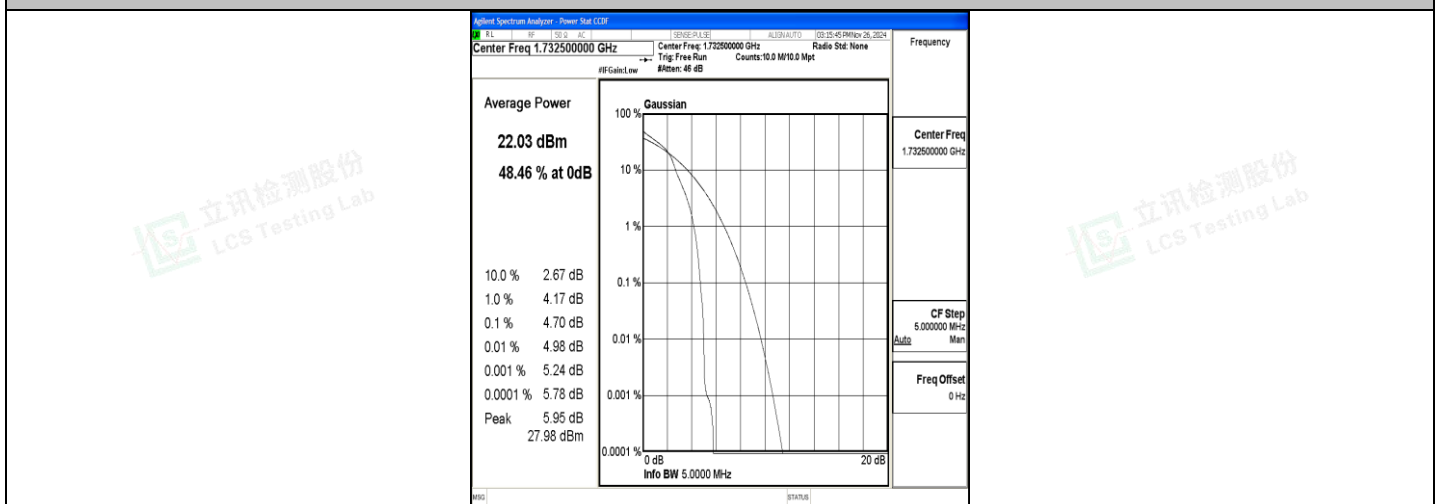
Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street,
Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



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

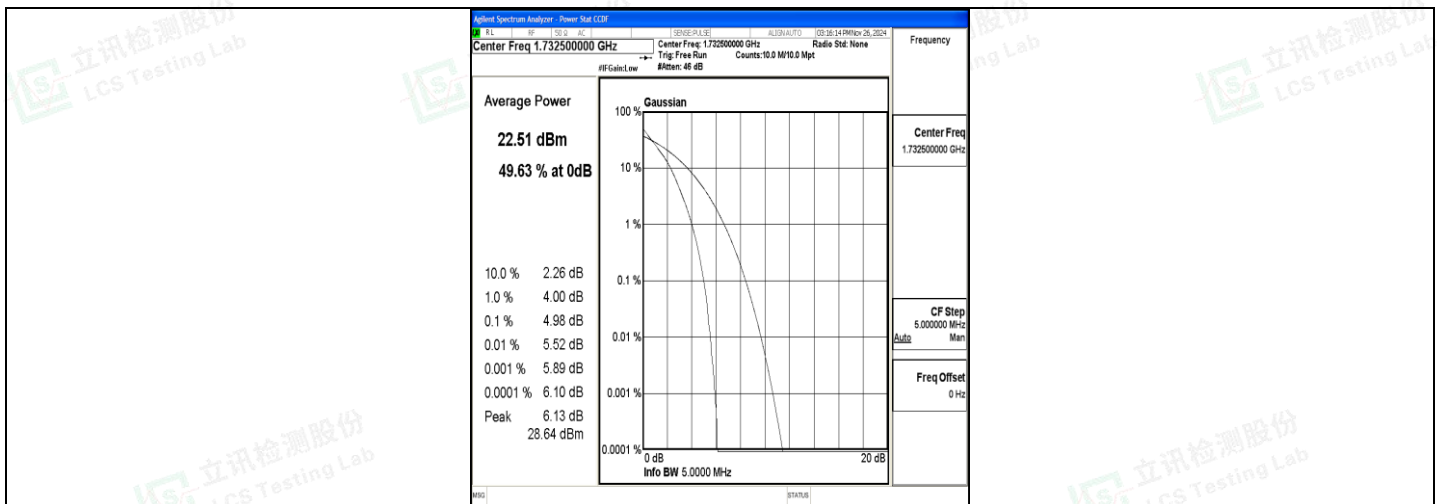


Band4-5MHz-QPSK-20175-1RB#0-PASS

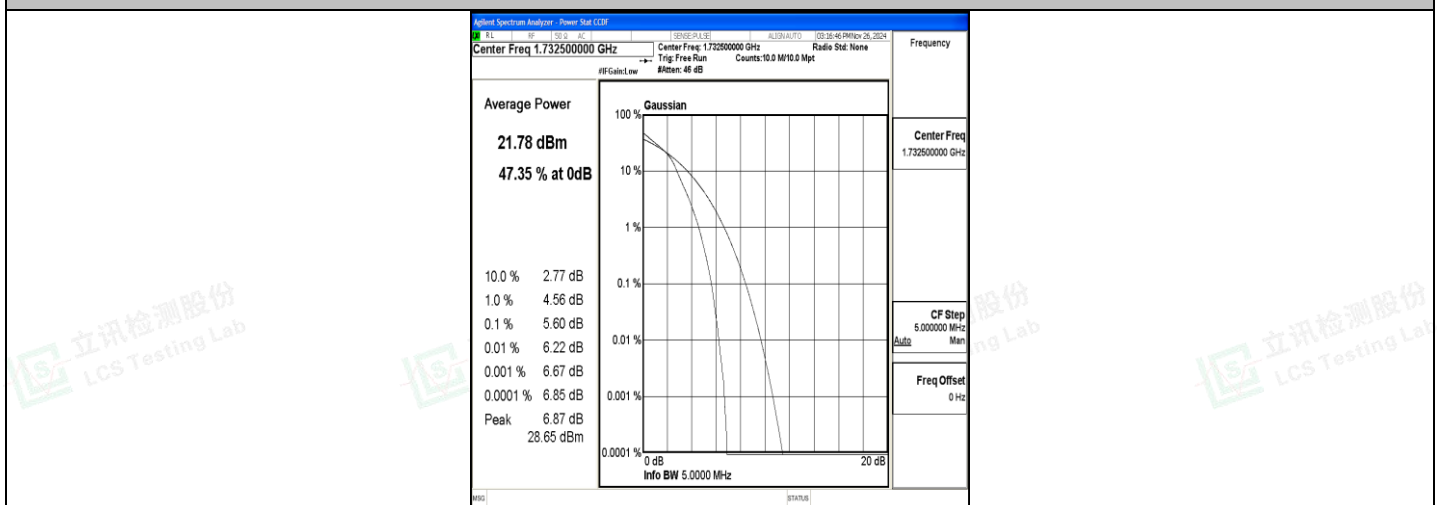


Band4-5MHz-16QAM-20175-1RB#0-PASS

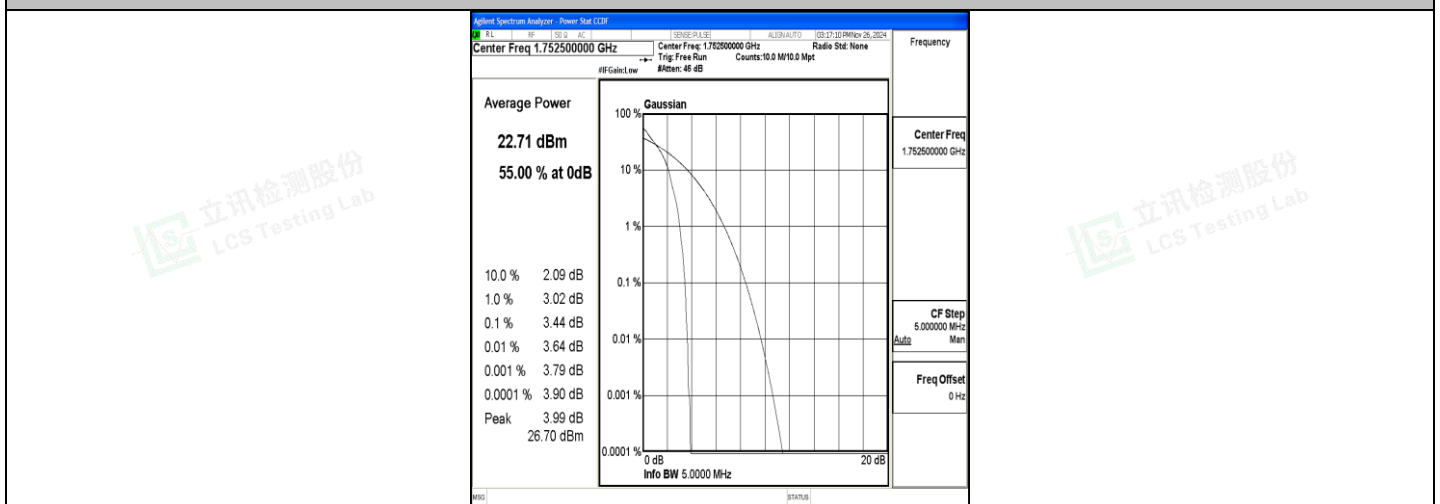




Band4-5MHz-QPSK-20175-25RB#0-PASS



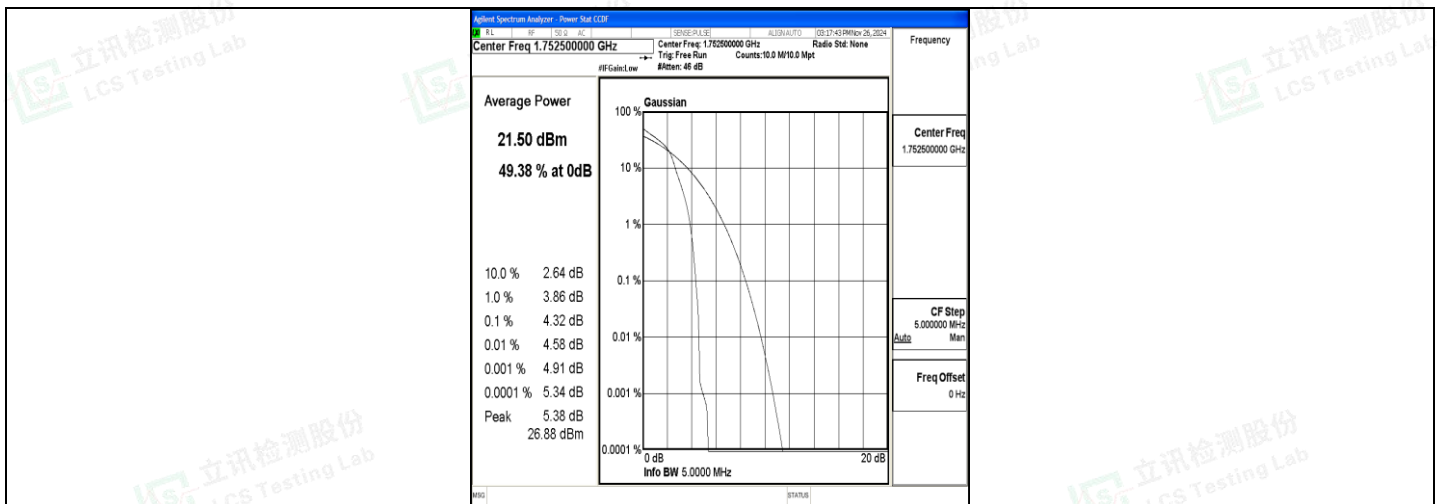
Band4-5MHz-16QAM-20175-25RB#0-PASS



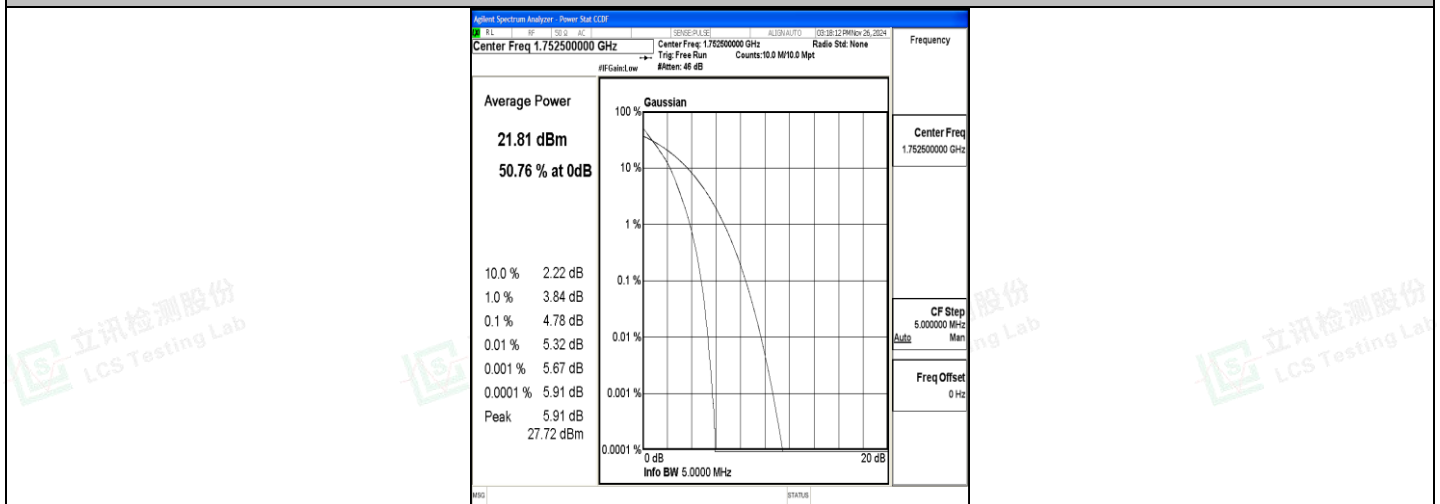
Band4-5MHz-QPSK-20375-1RB#0-PASS



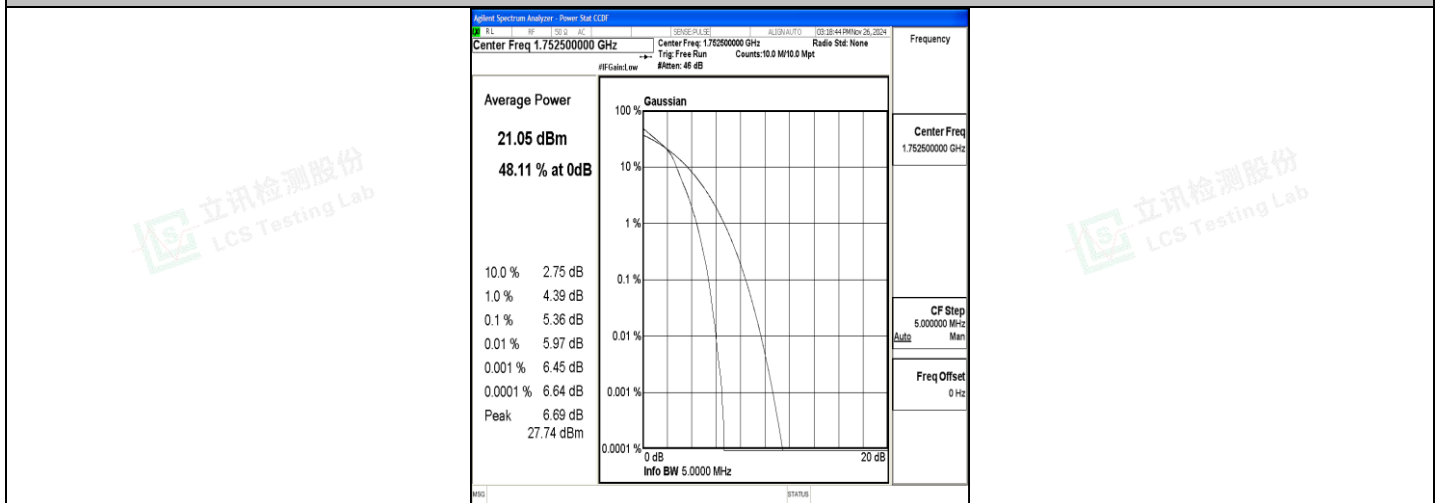
Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street,
Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



Band4-5MHz-16QAM-20375-1RB#0-PASS

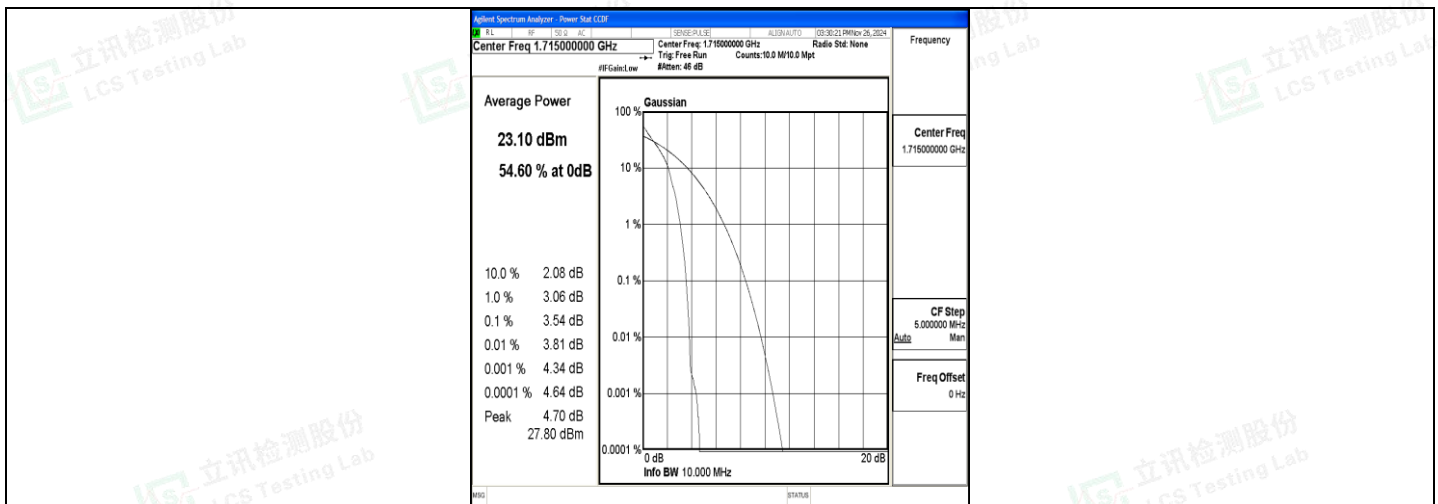


Band4-5MHz-QPSK-20375-25RB#0-PASS

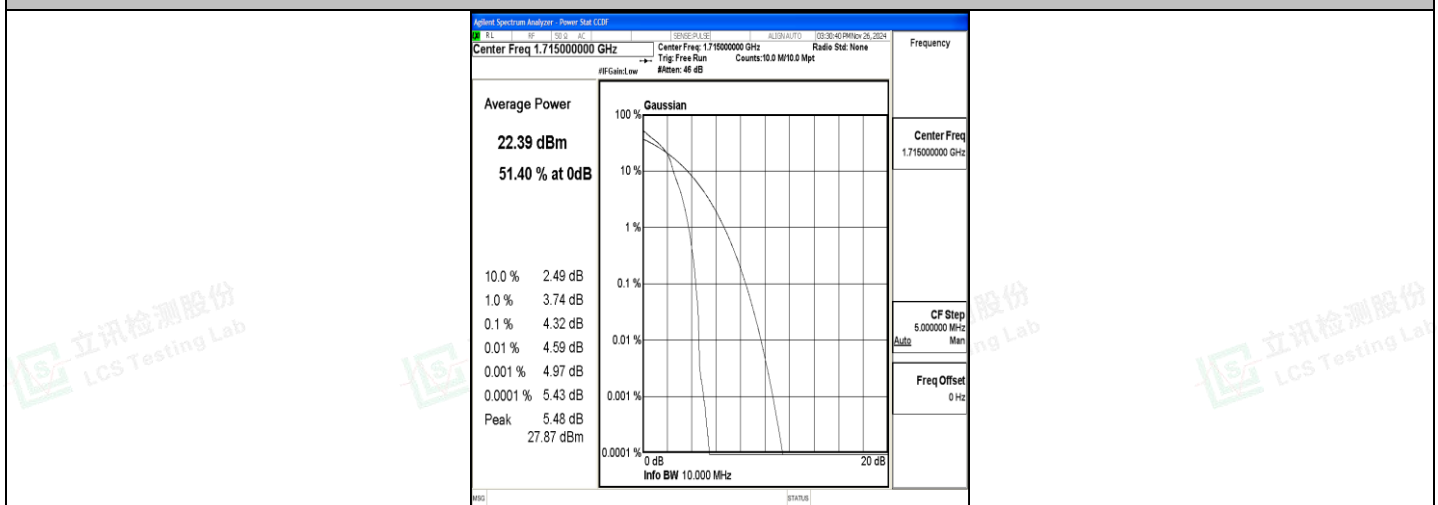


Band4-5MHz-16QAM-20375-25RB#0-PASS

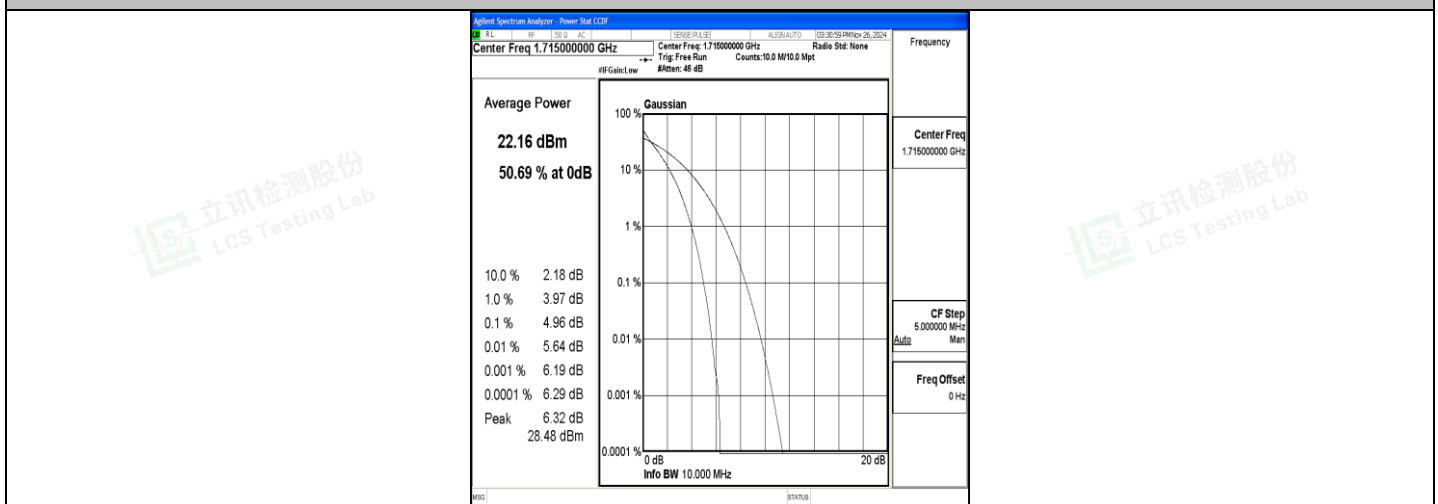




Band4-10MHz-QPSK-20000-1RB#0-PASS



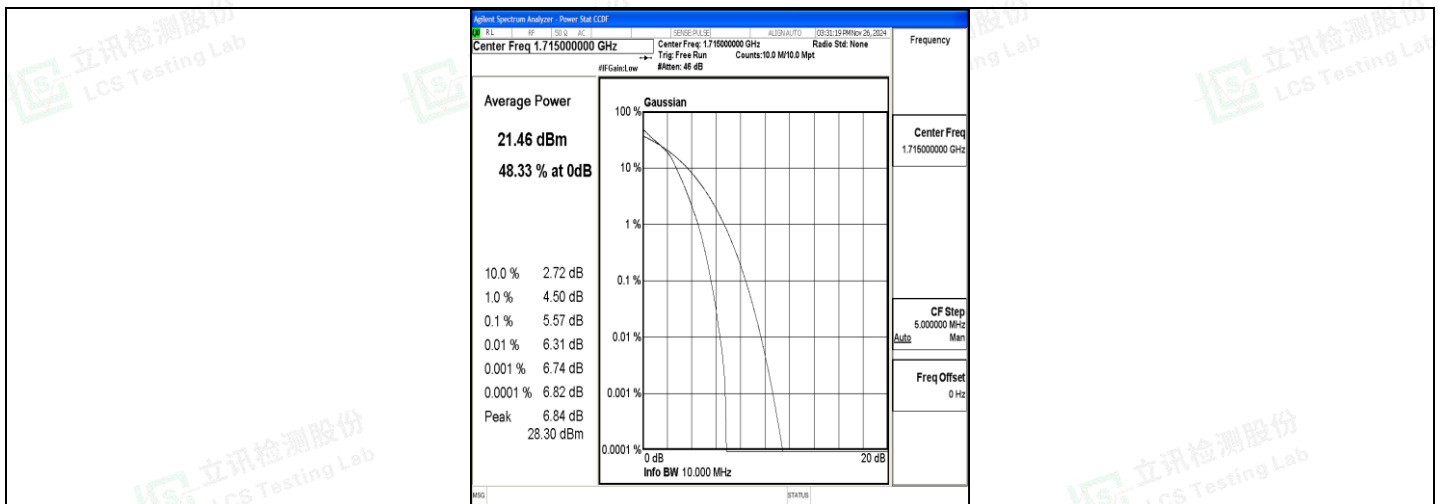
Band4-10MHz-16QAM-20000-1RB#0-PASS



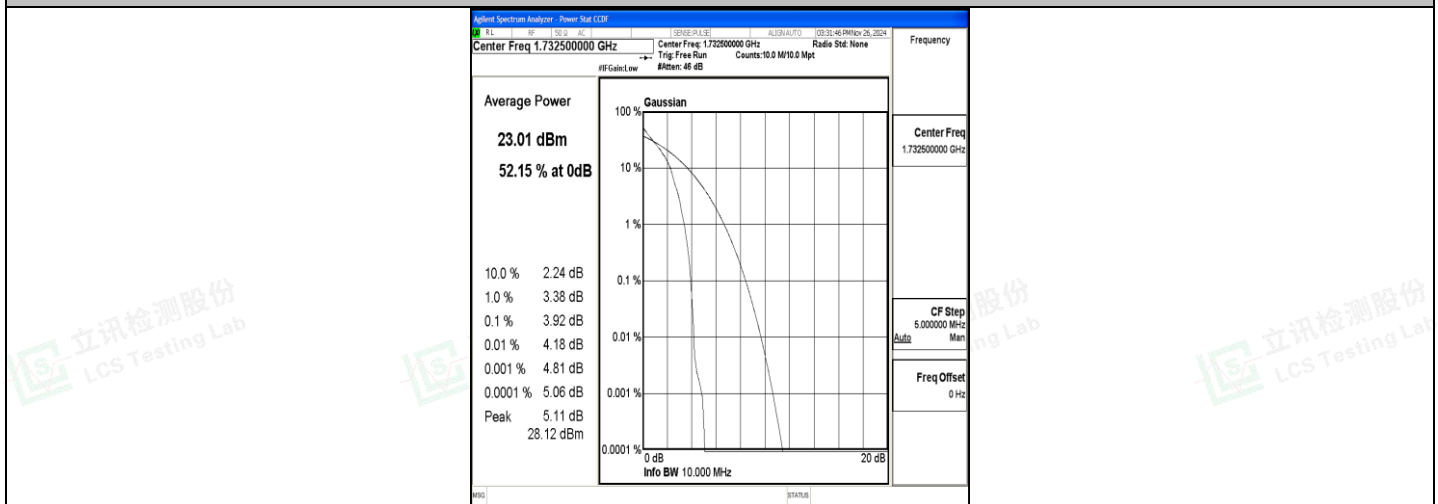
Band4-10MHz-QPSK-20000-50RB#0-PASS



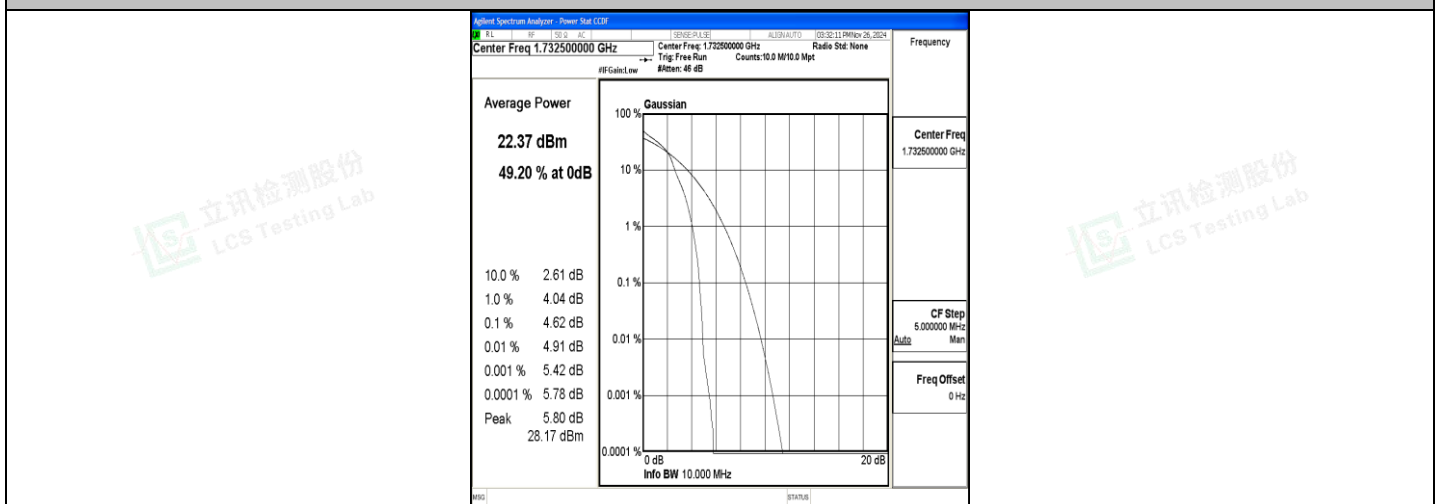
Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street,
Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



Band4-10MHz-16QAM-20000-50RB#0-PASS

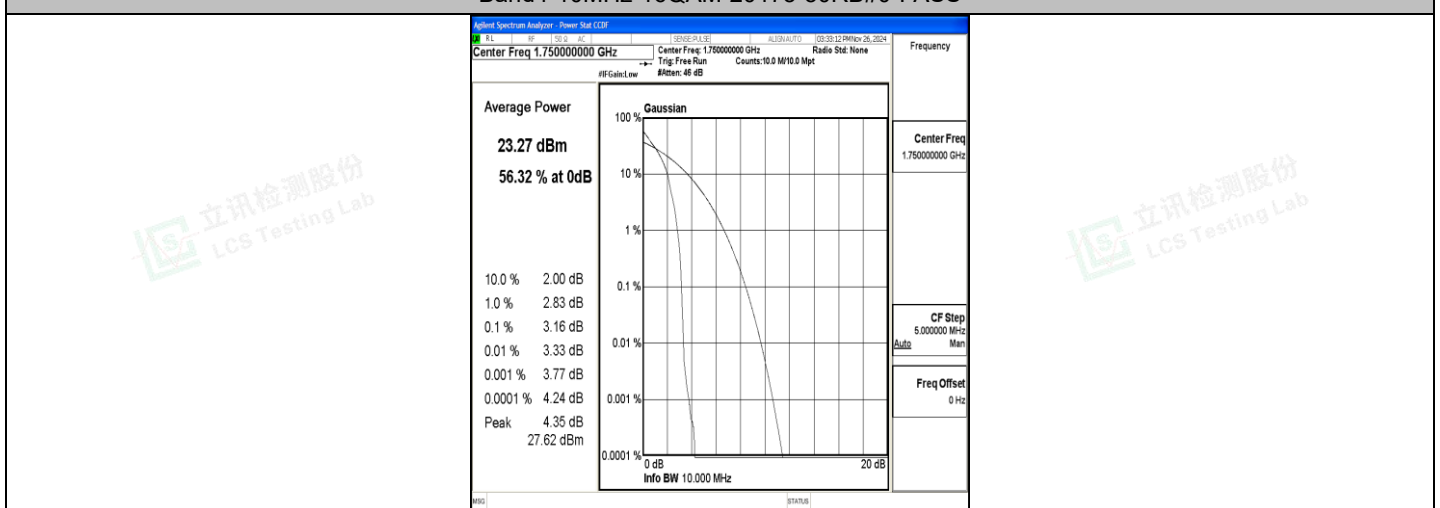
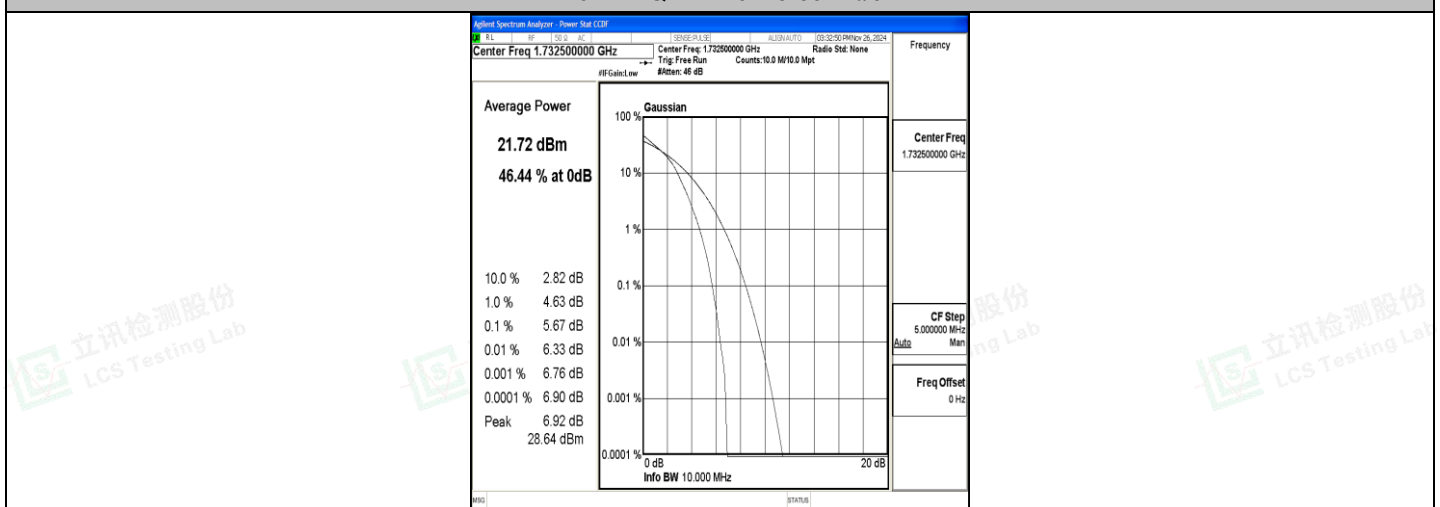
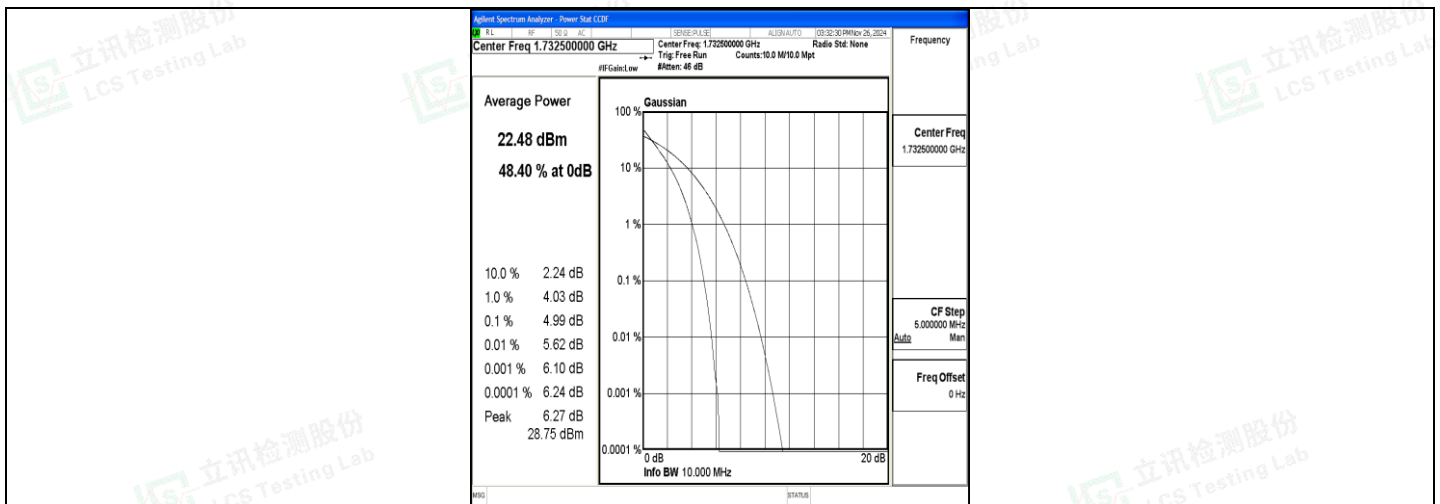


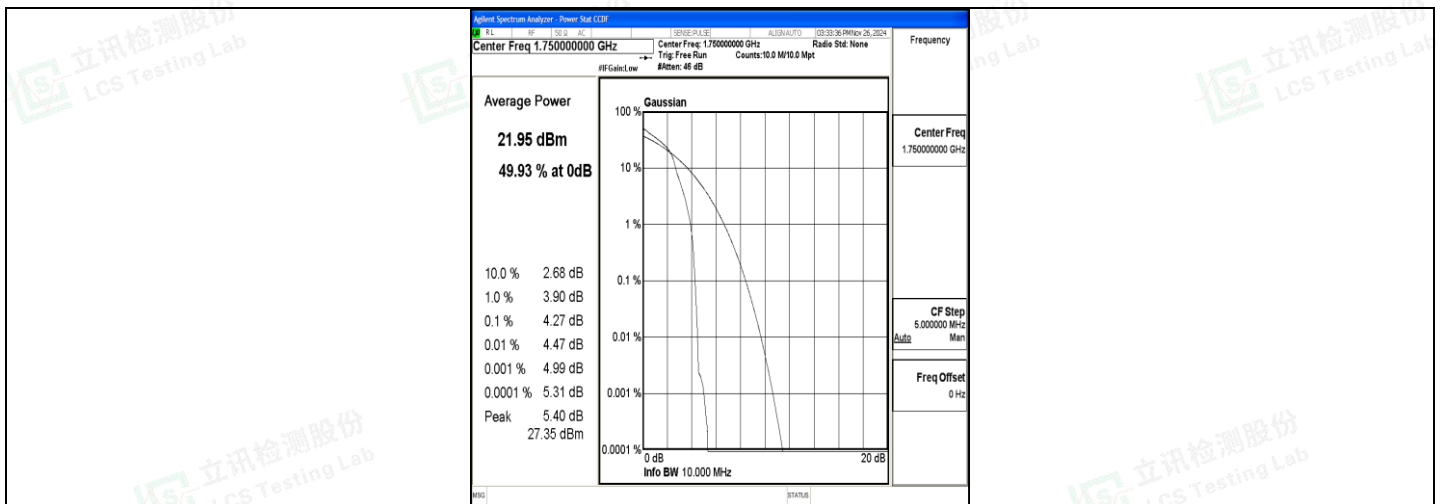
Band4-10MHz-QPSK-20175-1RB#0-PASS



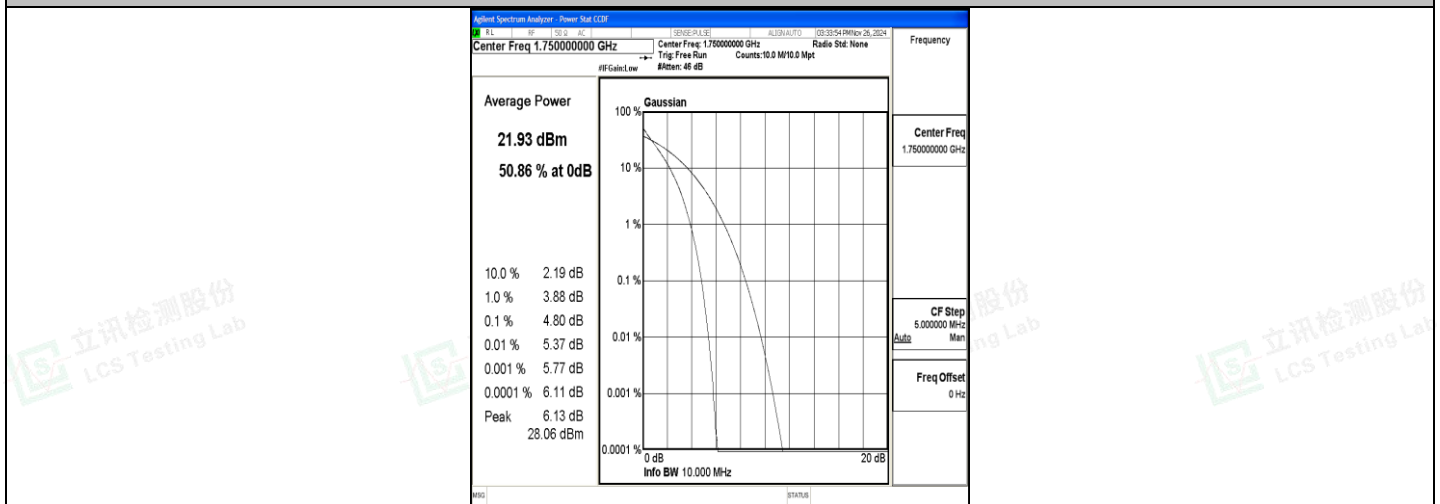
Band4-10MHz-16QAM-20175-1RB#0-PASS



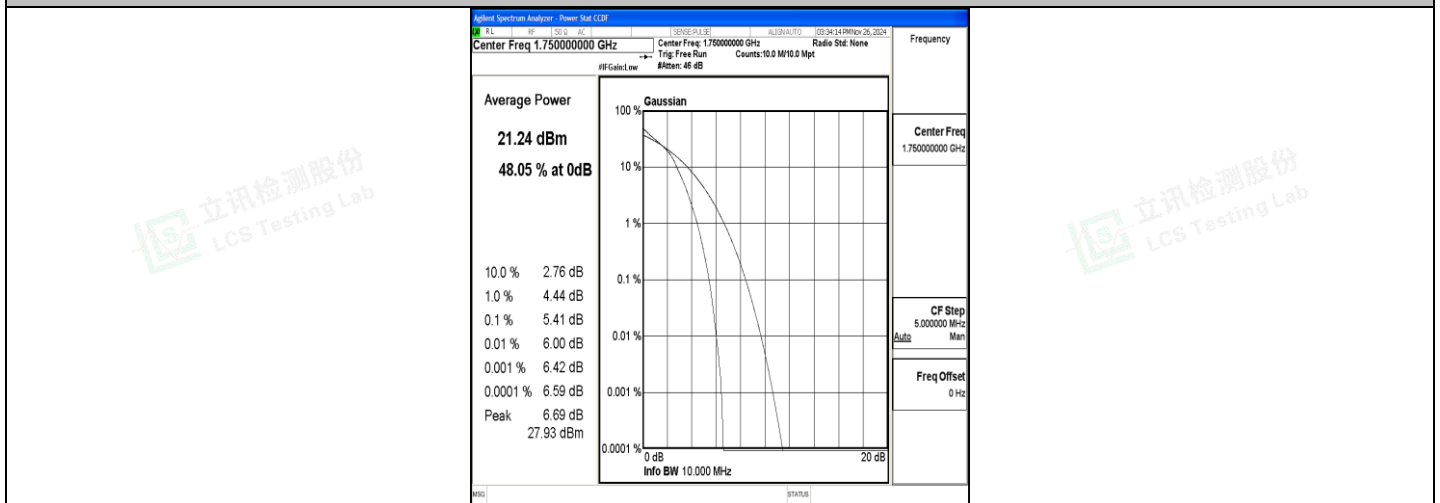




Band4-10MHz-16QAM-20350-1RB#0-PASS



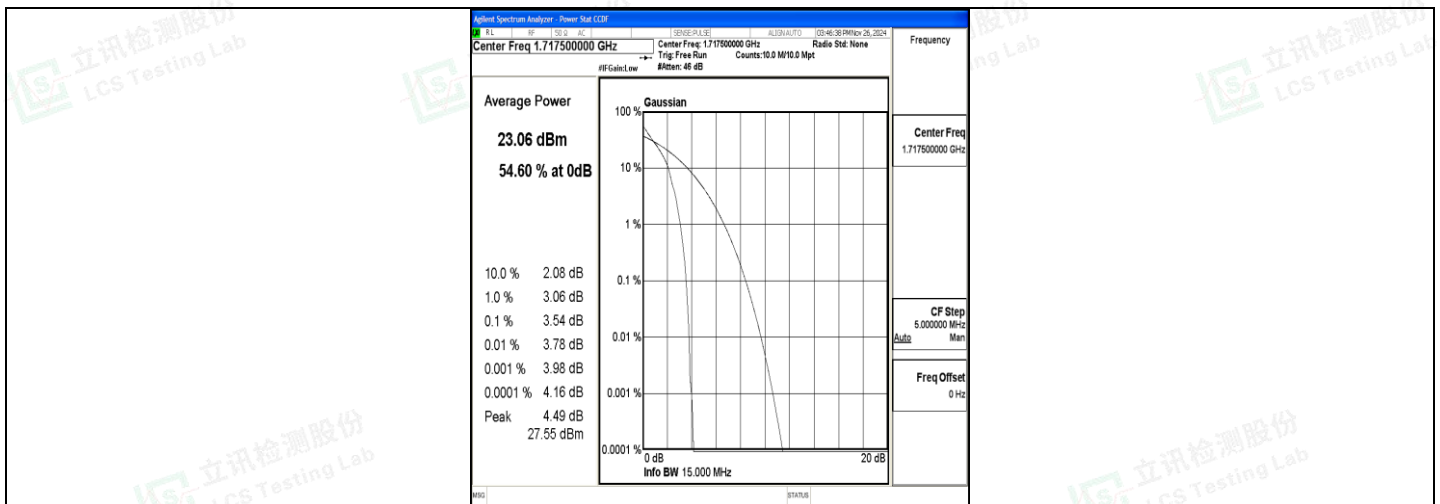
Band4-10MHz-QPSK-20350-50RB#0-PASS



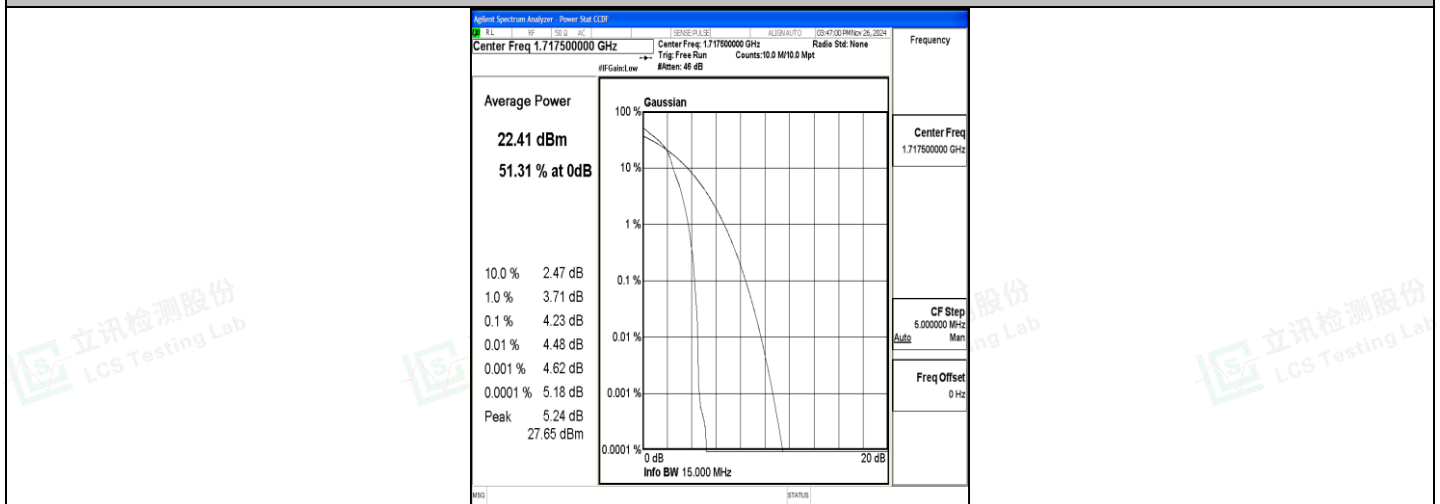
Band4-10MHz-16QAM-20350-50RB#0-PASS



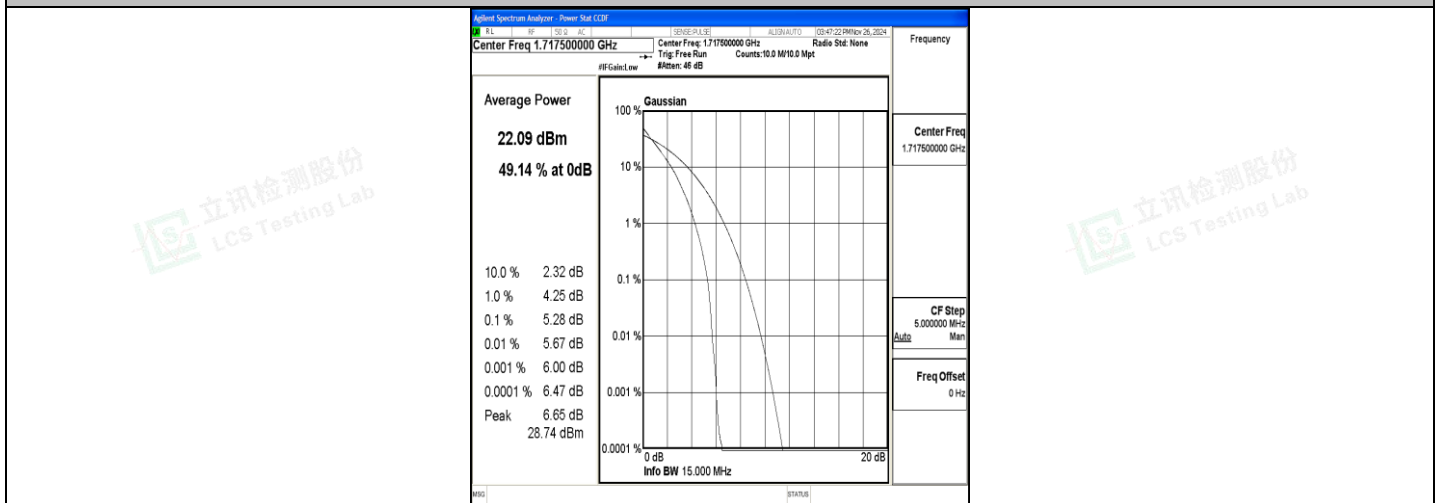
Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street,
Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



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

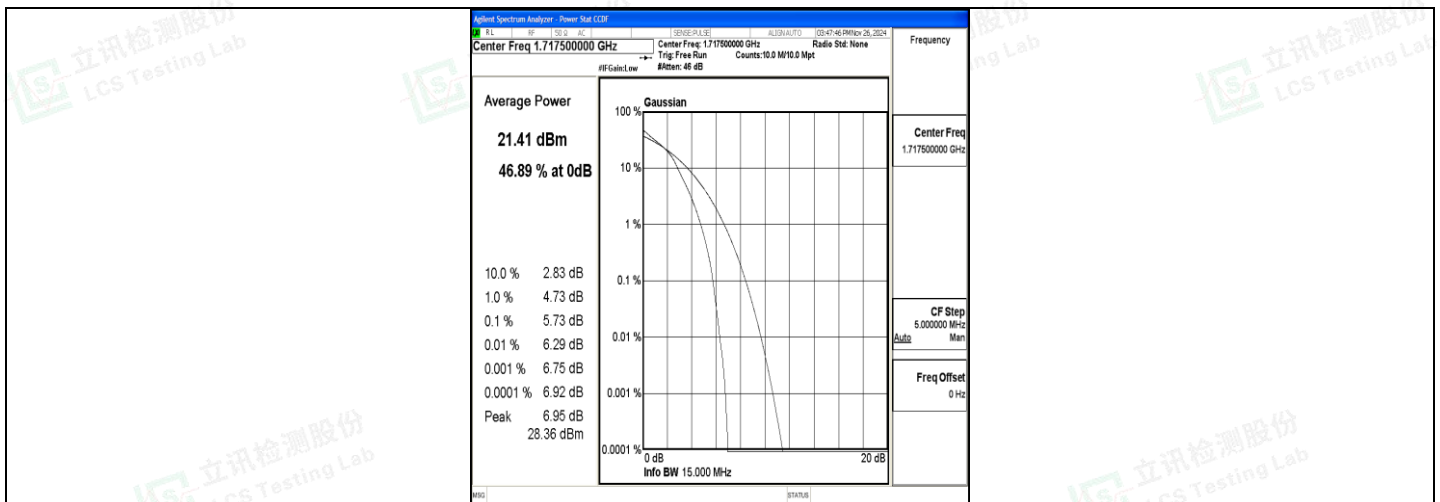


Band4-15MHz-16QAM-20025-1RB#0-PASS

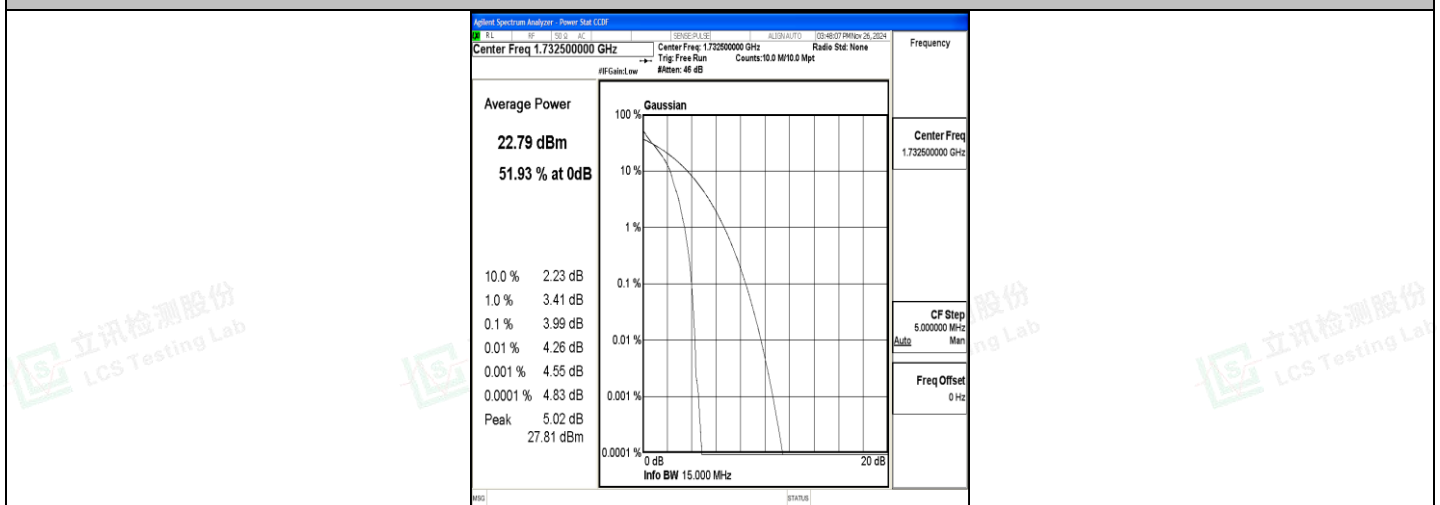


Band4-15MHz-QPSK-20025-75RB#0-PASS

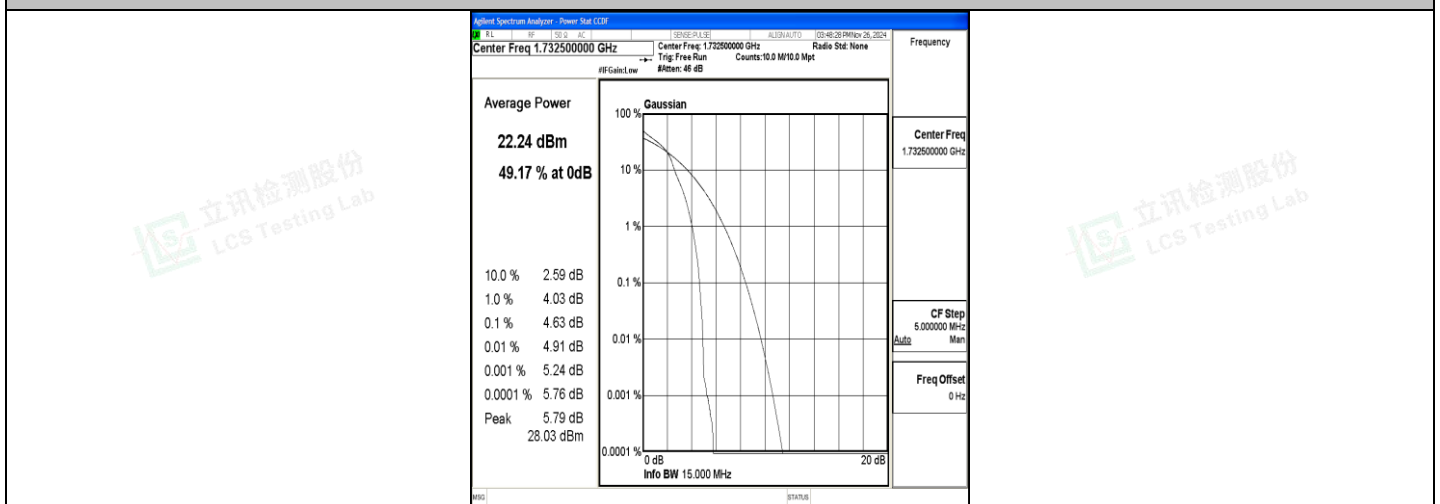




Band4-15MHz-16QAM-20025-75RB#0-PASS

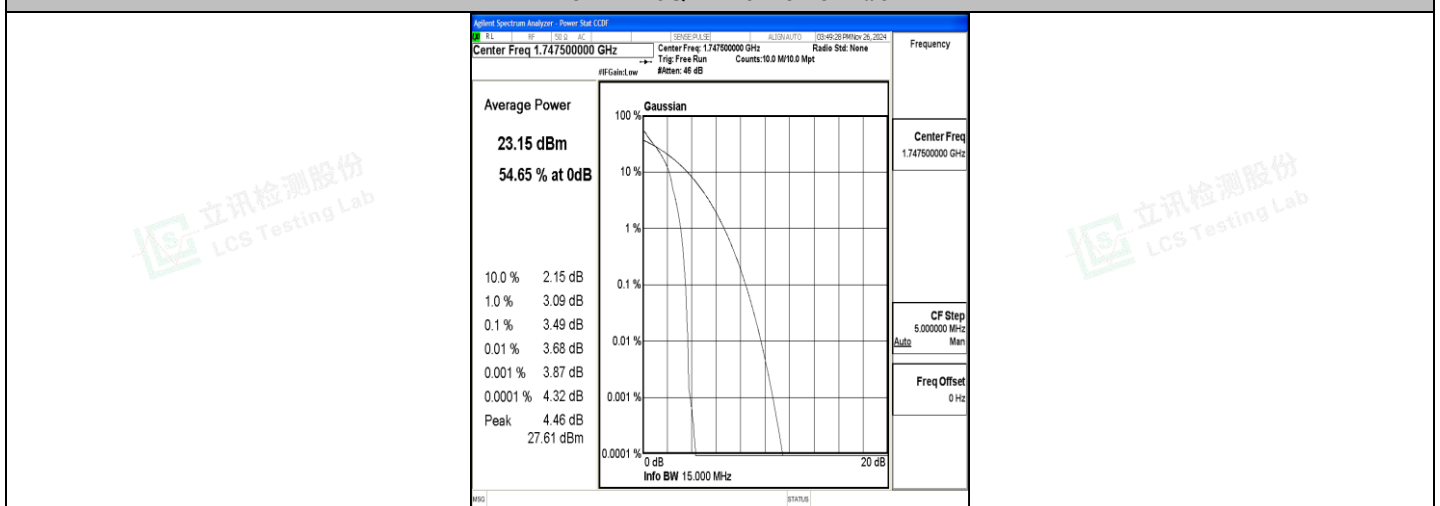
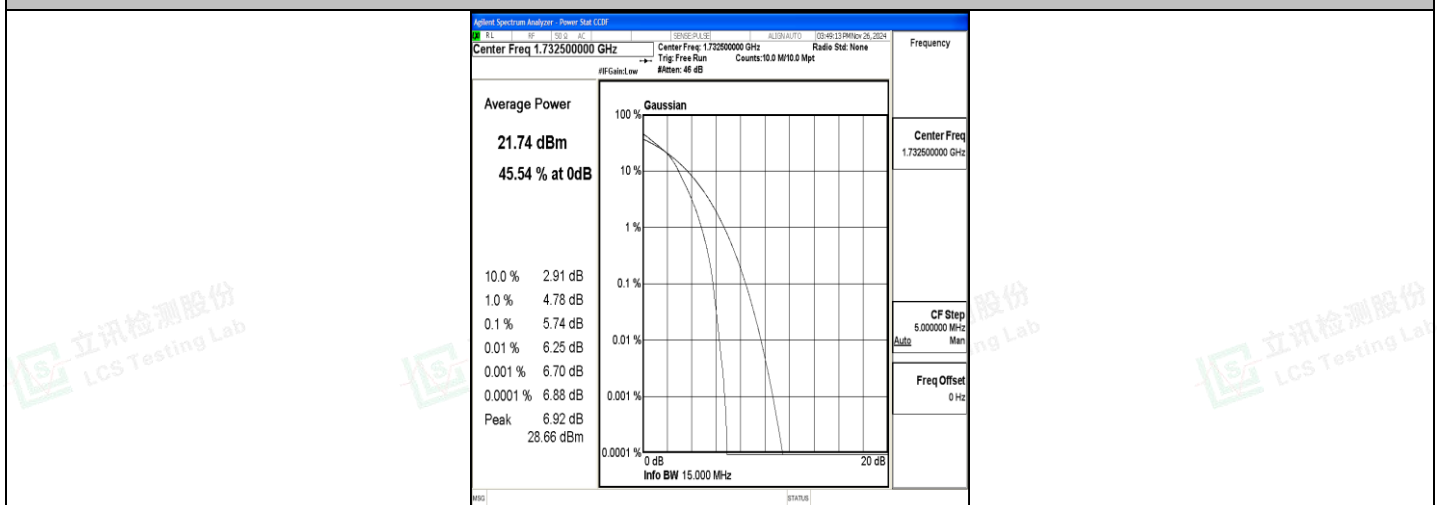
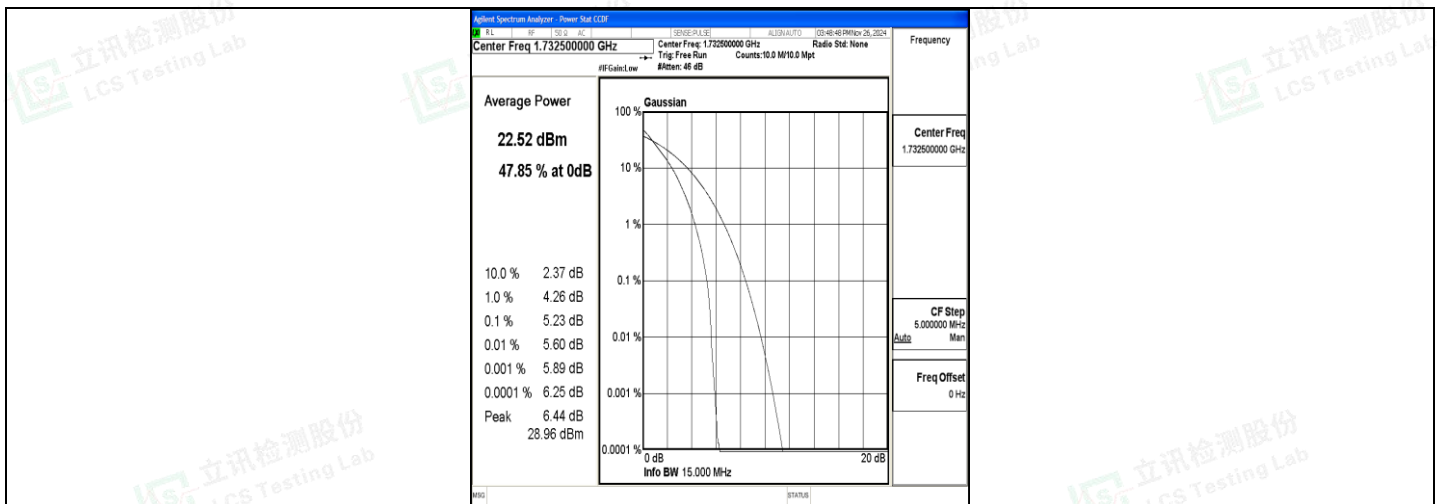


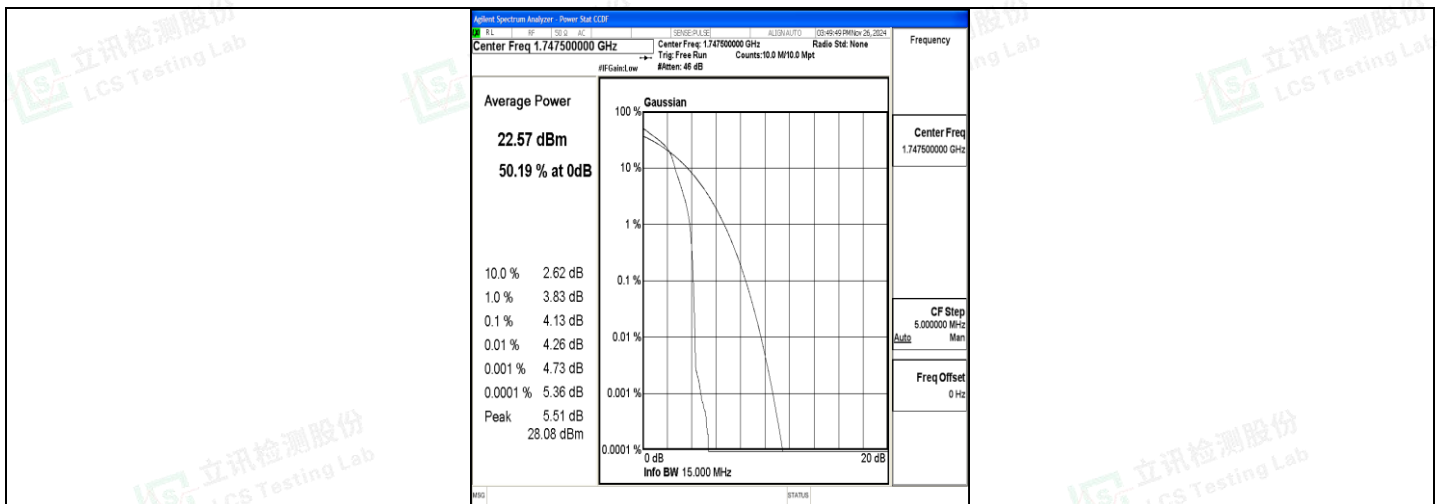
Band4-15MHz-QPSK-20175-1RB#0-PASS



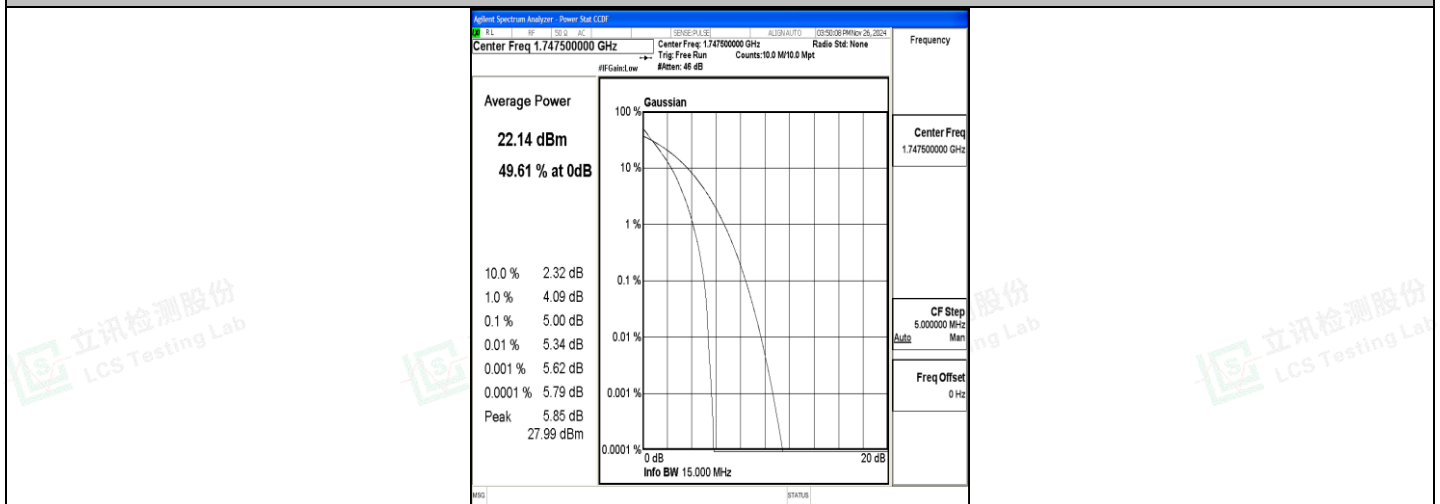
Band4-15MHz-16QAM-20175-1RB#0-PASS



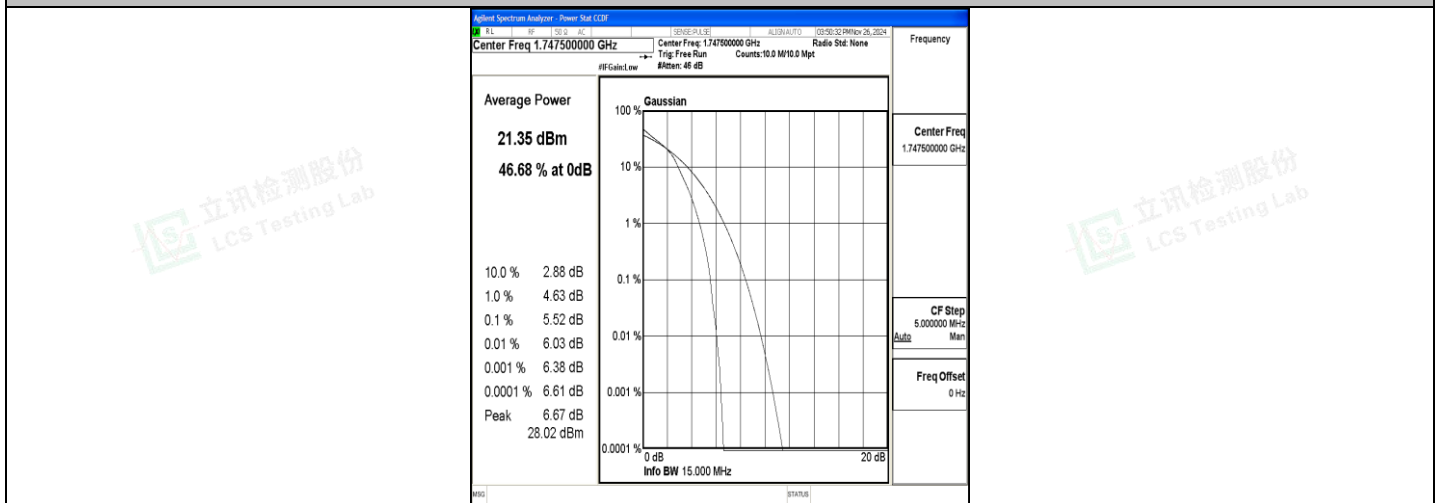




Band4-15MHz-16QAM-20325-1RB#0-PASS



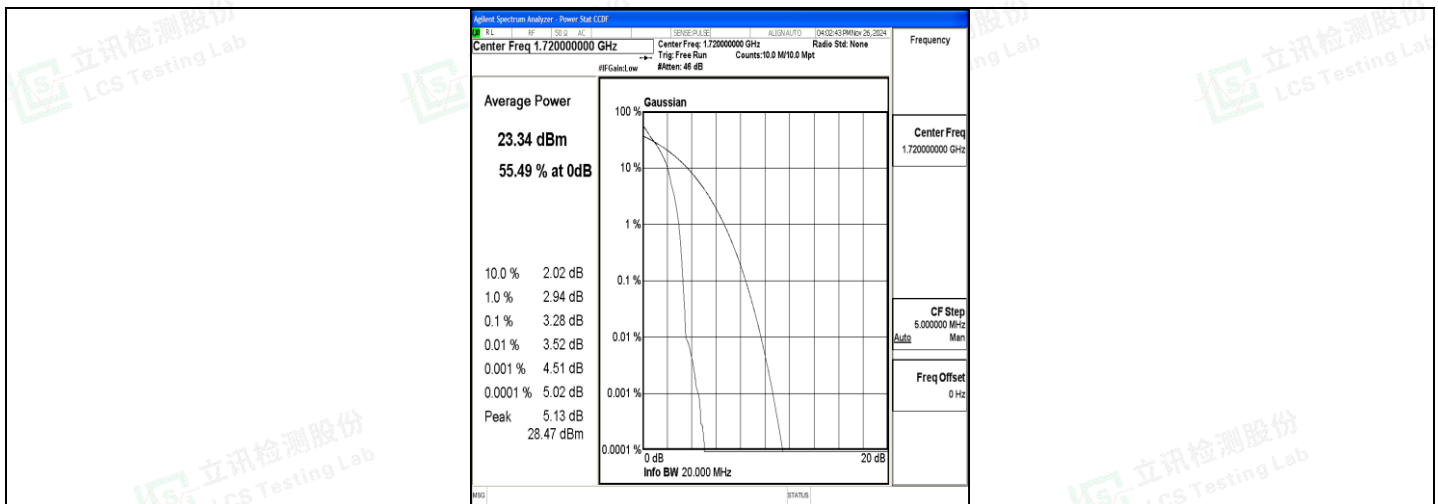
Band4-15MHz-QPSK-20325-75RB#0-PASS



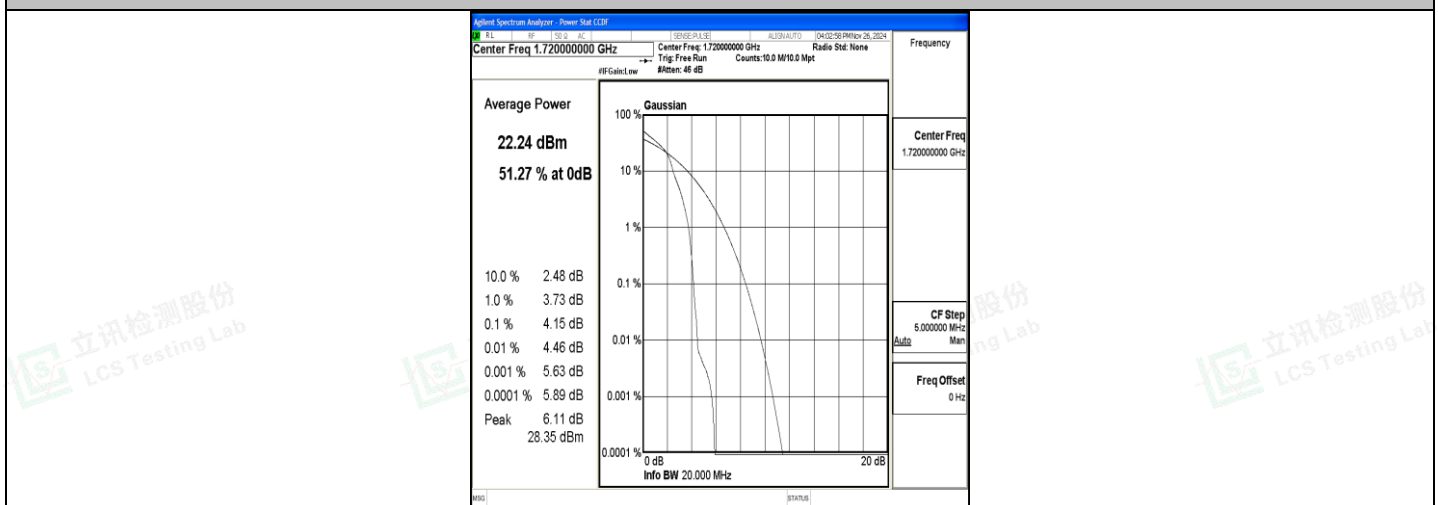
Band4-15MHz-16QAM-20325-75RB#0-PASS



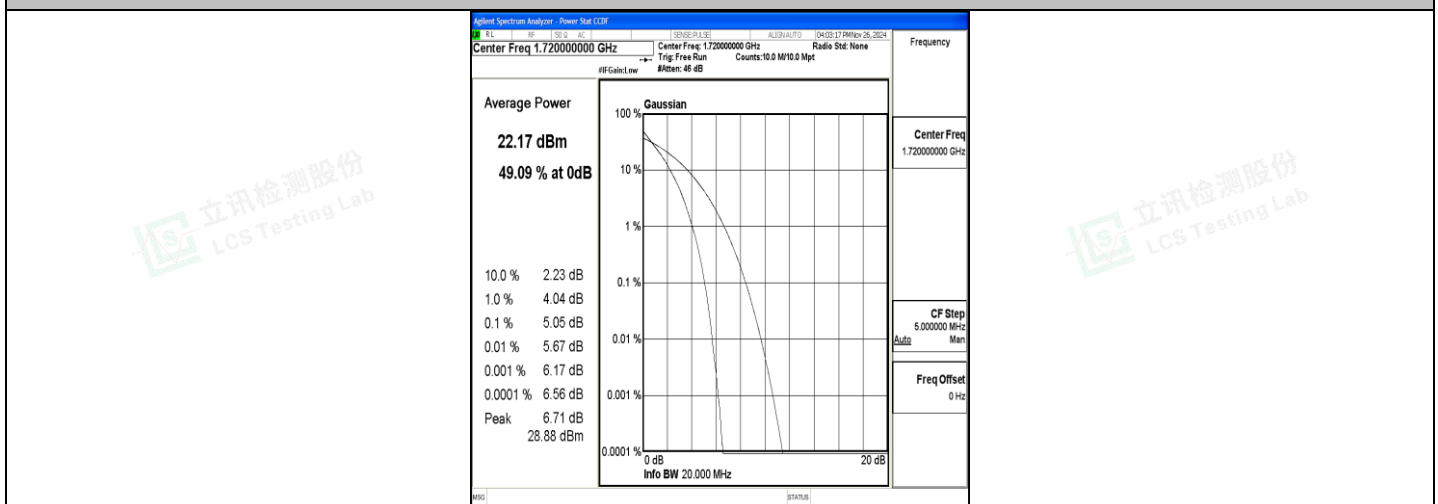
Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street,
Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



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



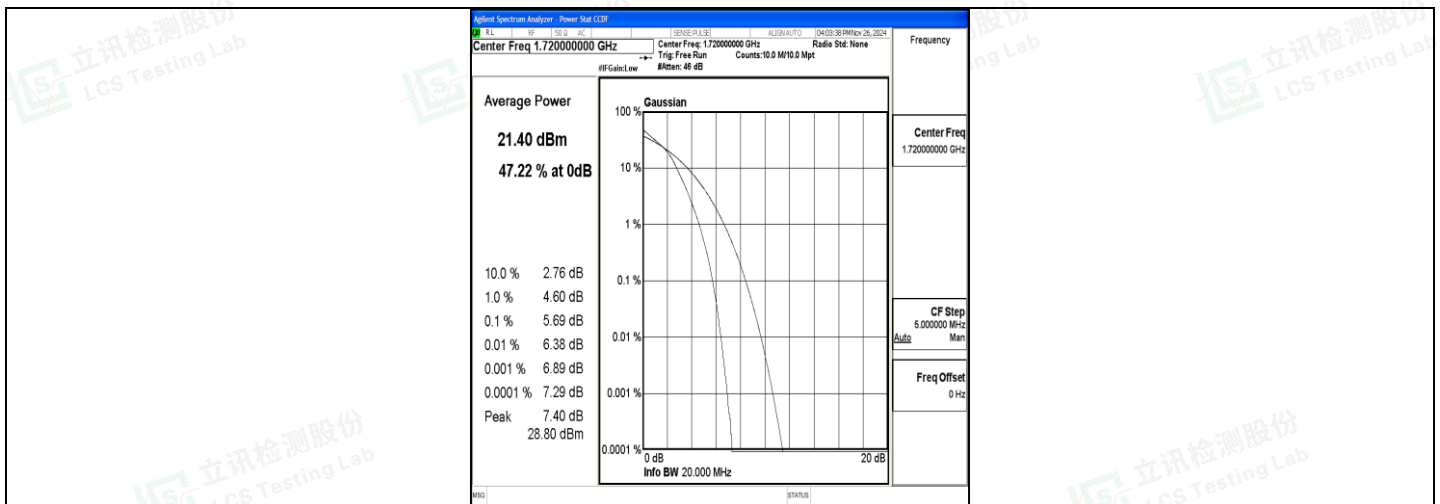
Band4-20MHz-16QAM-20050-1RB#0-PASS



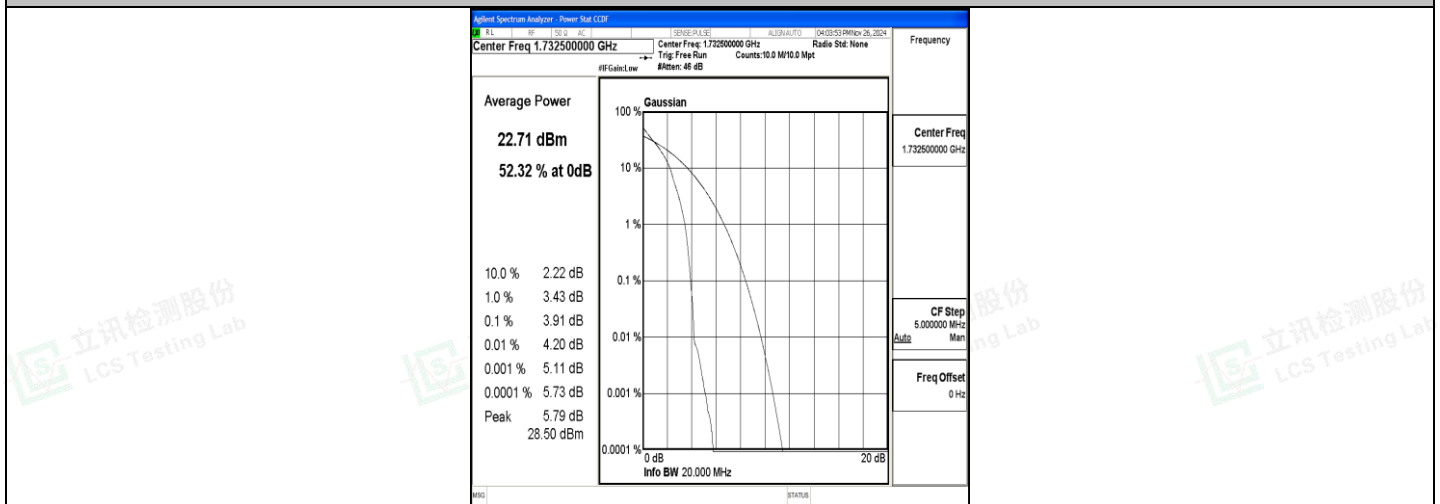
Band4-20MHz-QPSK-20050-100RB#0-PASS



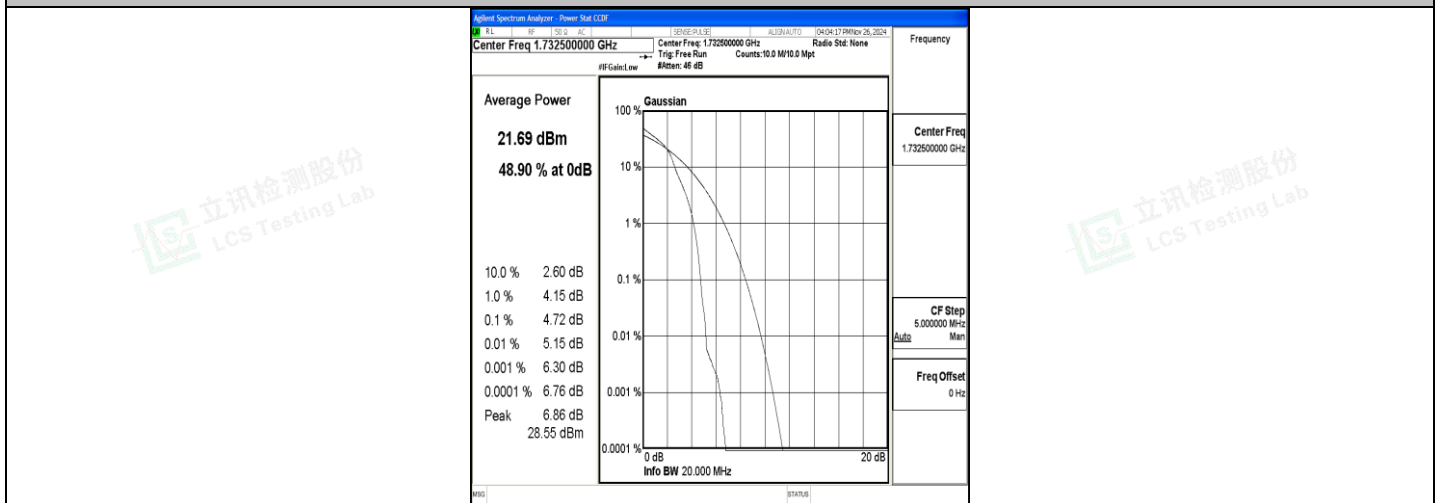
Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street,
Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



Band4-20MHz-16QAM-20050-100RB#0-PASS

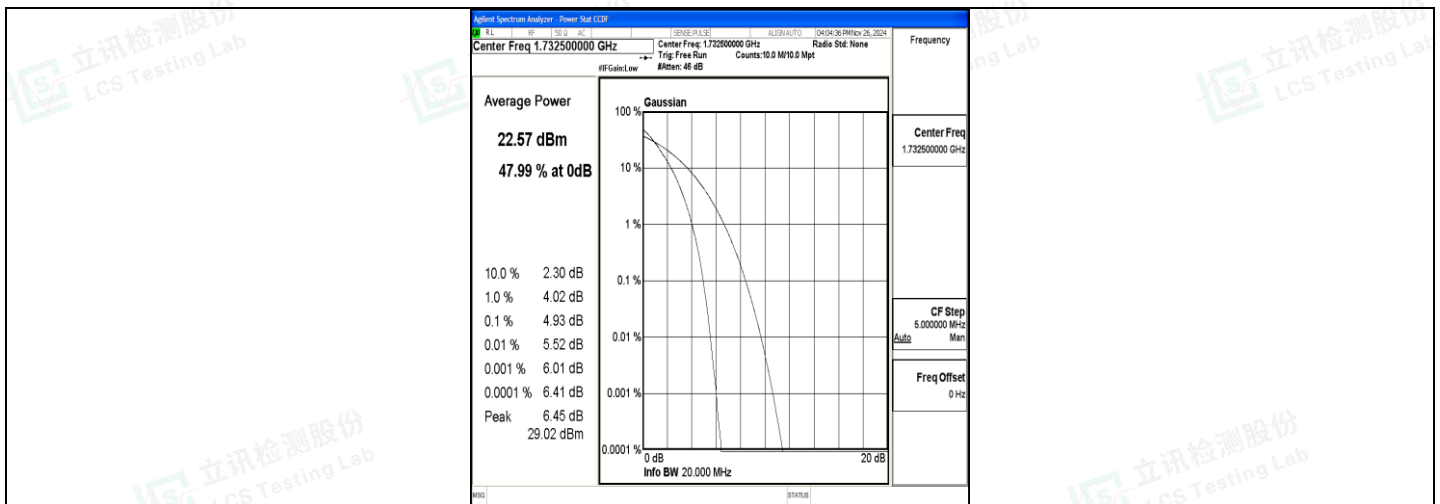


Band4-20MHz-QPSK-20175-1RB#0-PASS

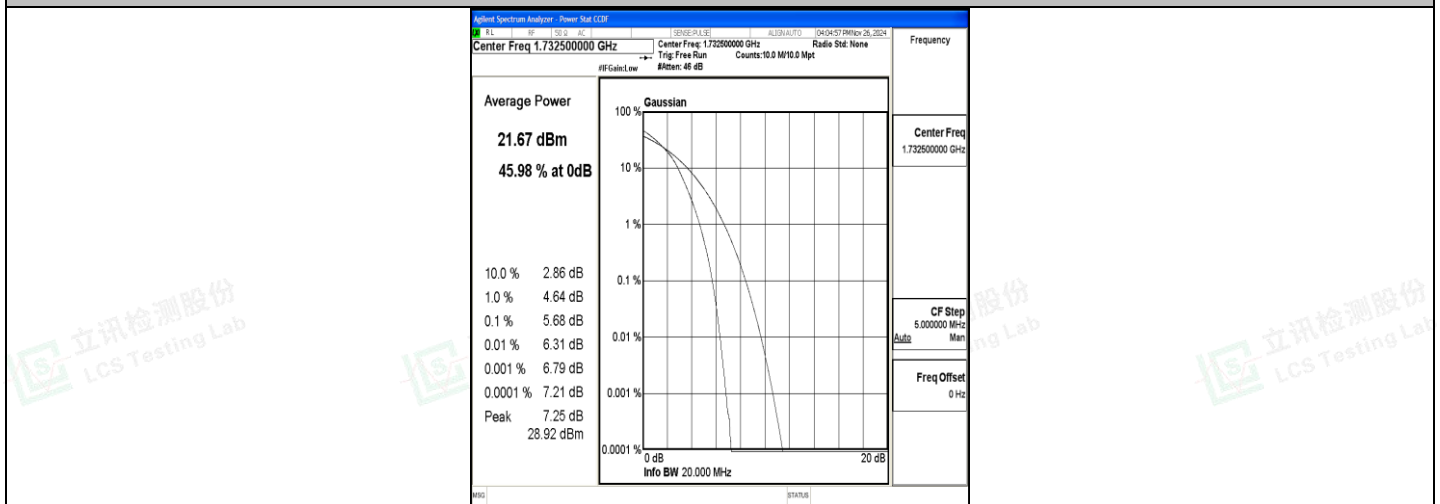


Band4-20MHz-16QAM-20175-1RB#0-PASS

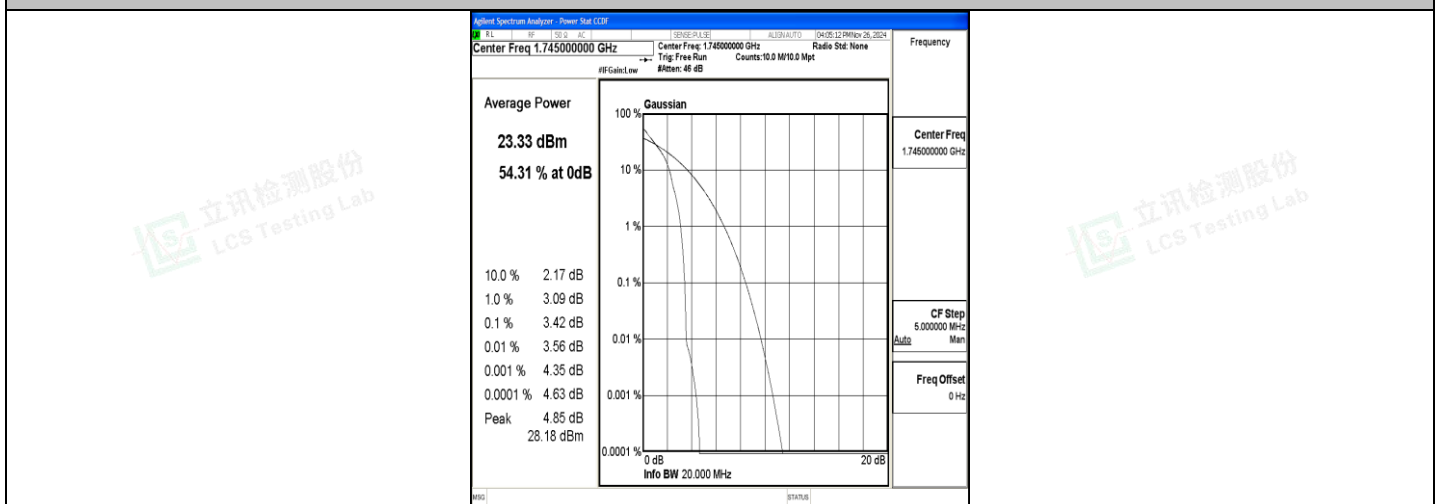




Band4-20MHz-QPSK-20175-100RB#0-PASS

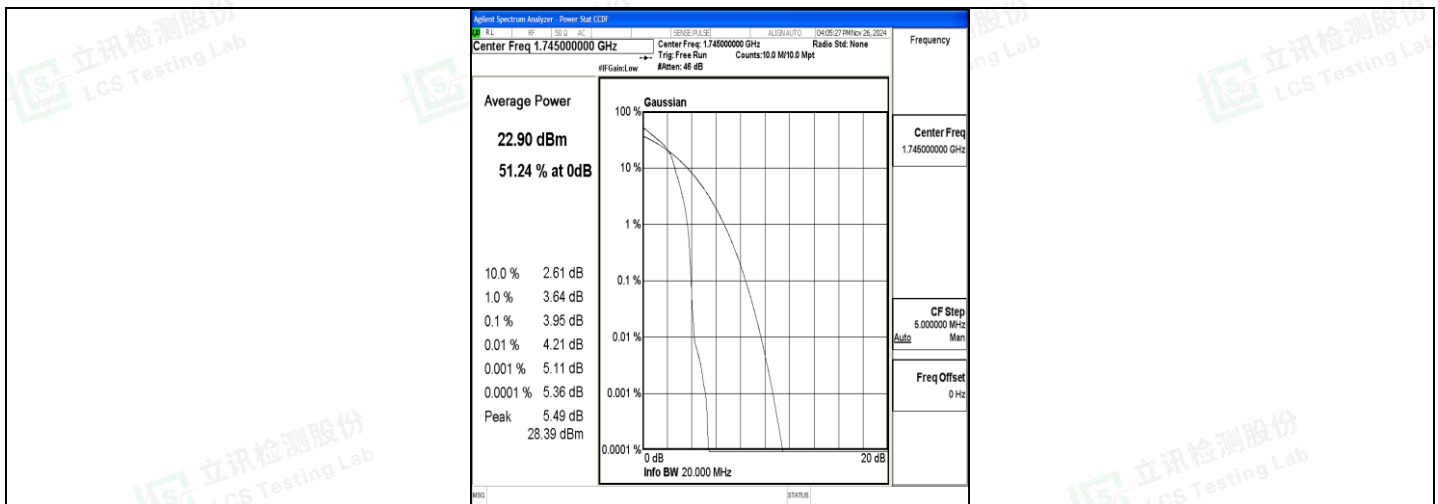


Band4-20MHz-16QAM-20175-100RB#0-PASS

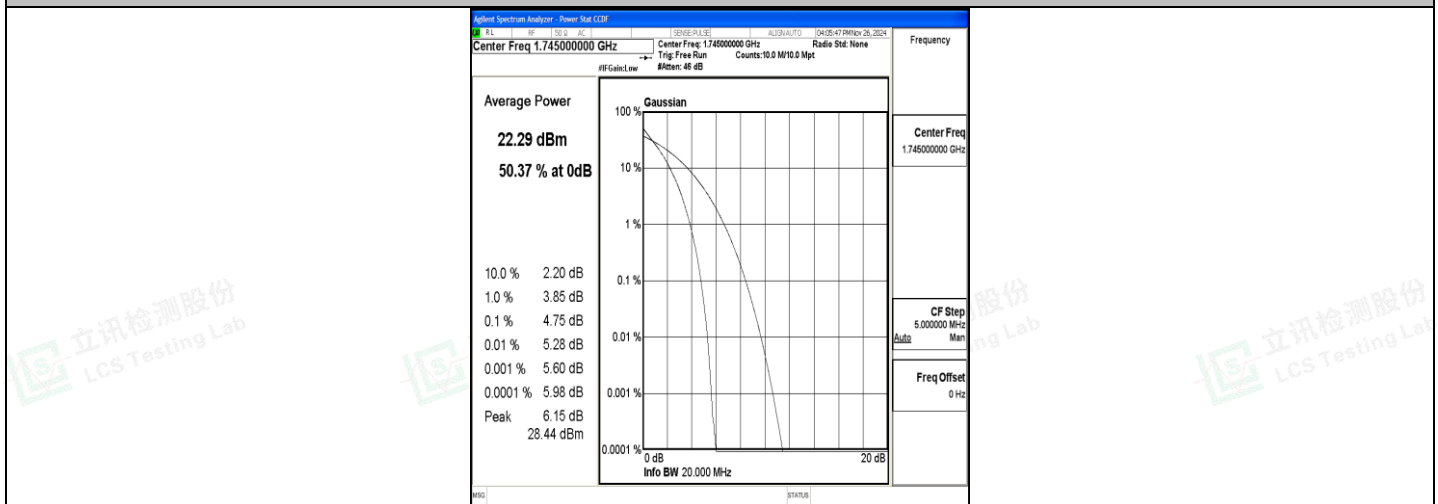


Band4-20MHz-QPSK-20300-1RB#0-PASS

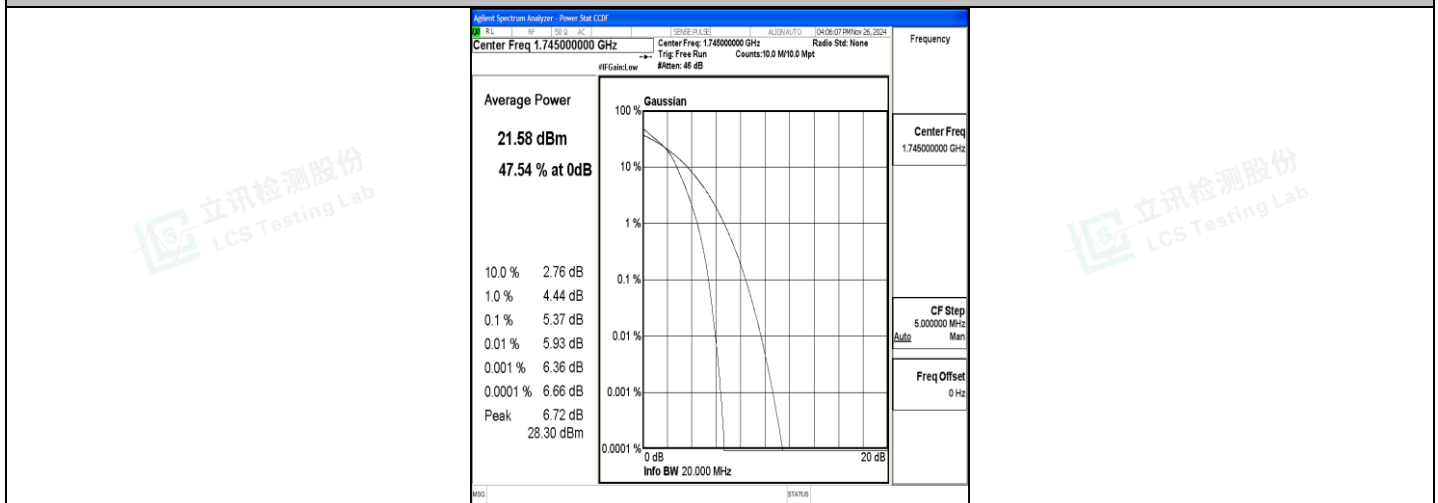




Band4-20MHz-16QAM-20300-1RB#0-PASS



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



Band4-20MHz-16QAM-20300-100RB#0-PASS





G.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0986	1.350	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1023	1.469	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0947	1.379	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0950	1.324	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0963	1.348	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1048	1.376	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7204	3.149	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7020	3.099	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7221	3.200	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7004	3.105	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7090	3.303	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7067	3.186	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5340	5.442	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5203	5.290	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5215	5.375	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5170	5.281	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5196	5.342	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5174	5.286	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0084	10.01	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.0184	10.39	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9892	10.11	PASS
Band4	10MHz	16QAM	20175	50RB#0	9.0059	10.06	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0492	10.38	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0019	10.46	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.524	15.70	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.507	15.19	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.522	15.41	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.525	15.12	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.502	15.61	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.528	15.03	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.032	20.03	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.037	20.04	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.996	19.98	PASS



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



Band4	20MHz	16QAM	20175	100RB#0	18.005	19.69	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.028	20.30	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.994	19.99	PASS



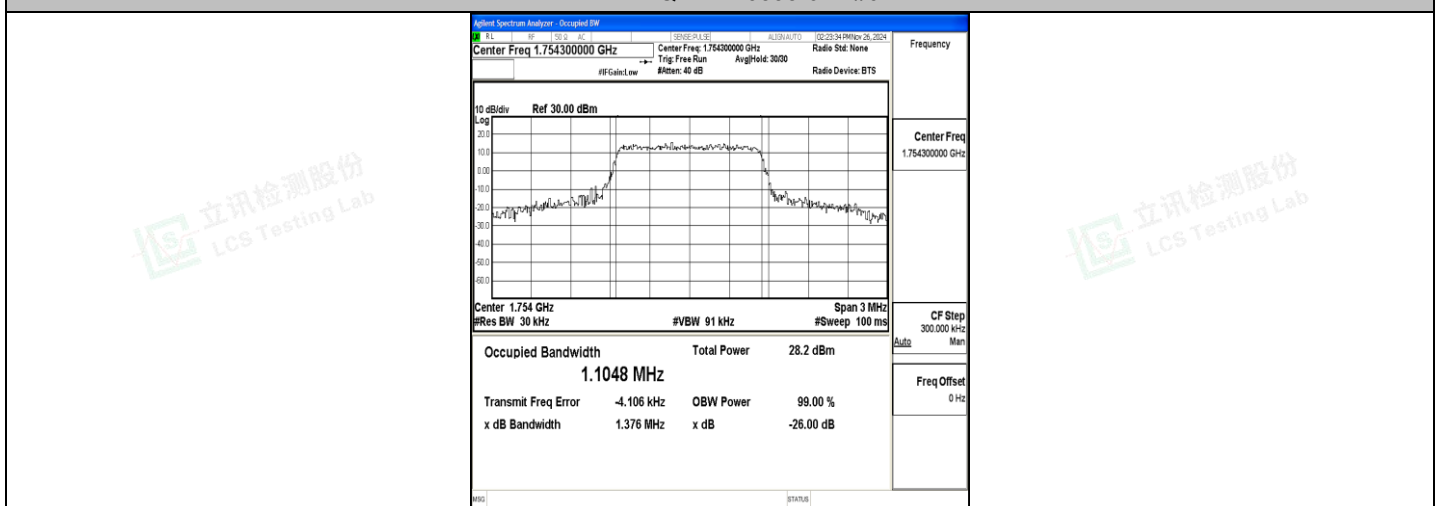
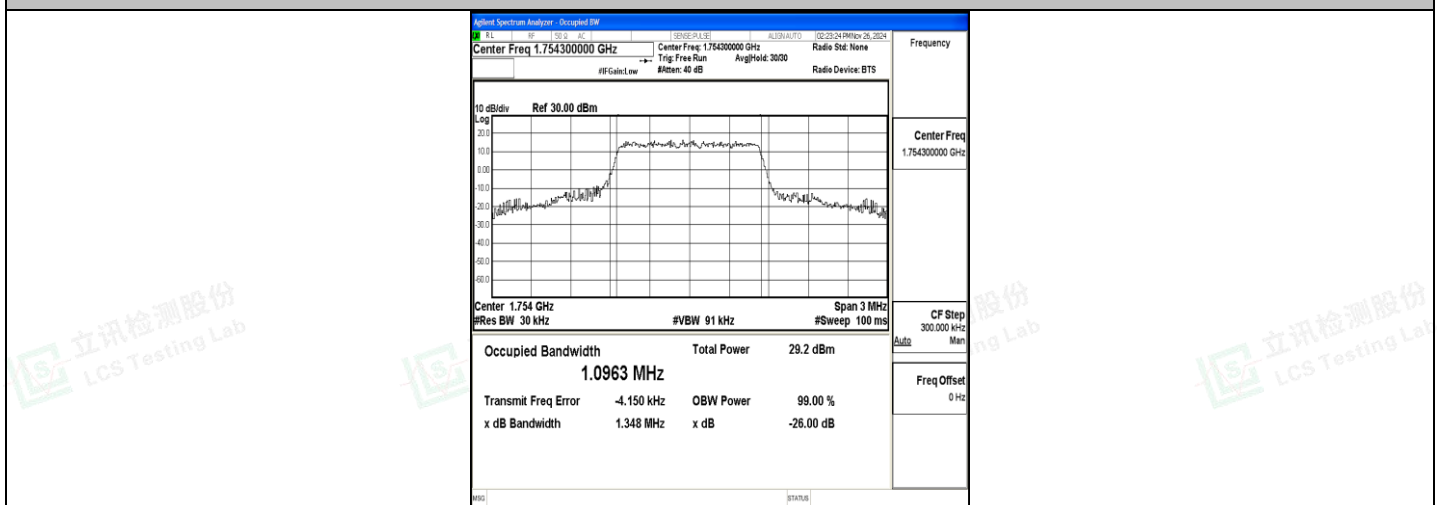
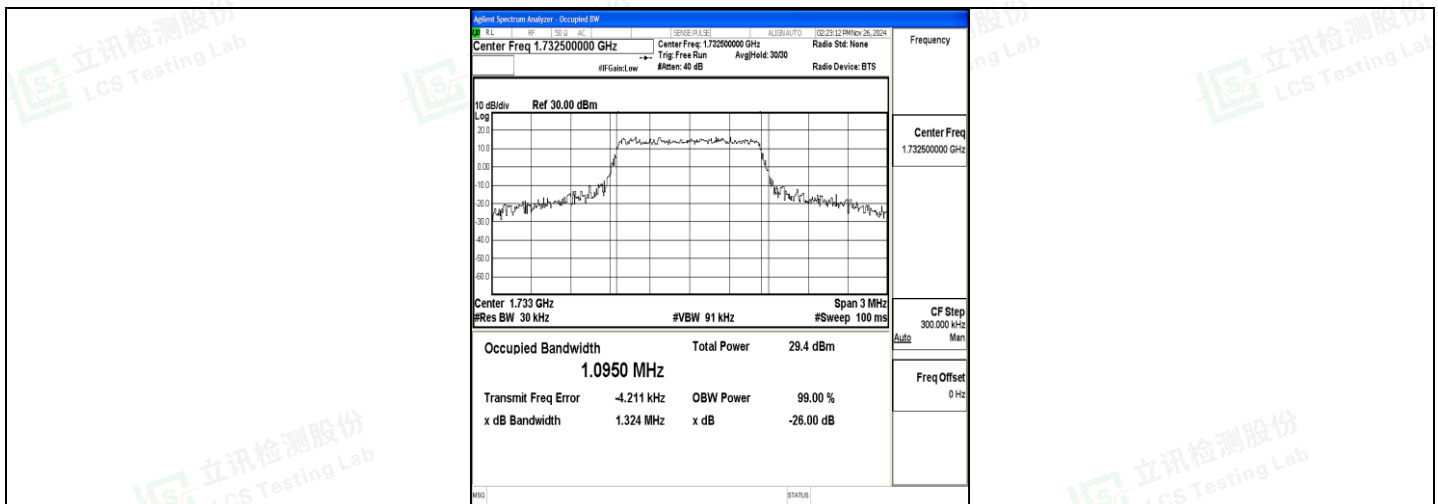
Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street,
Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

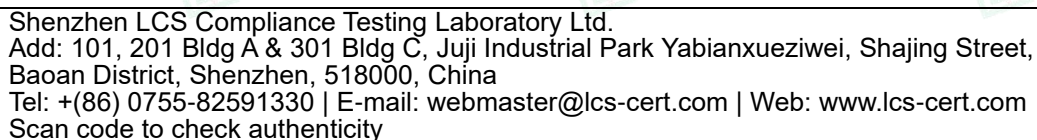
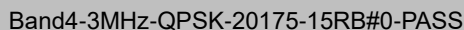
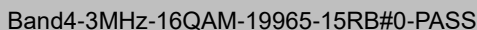
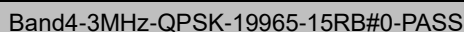


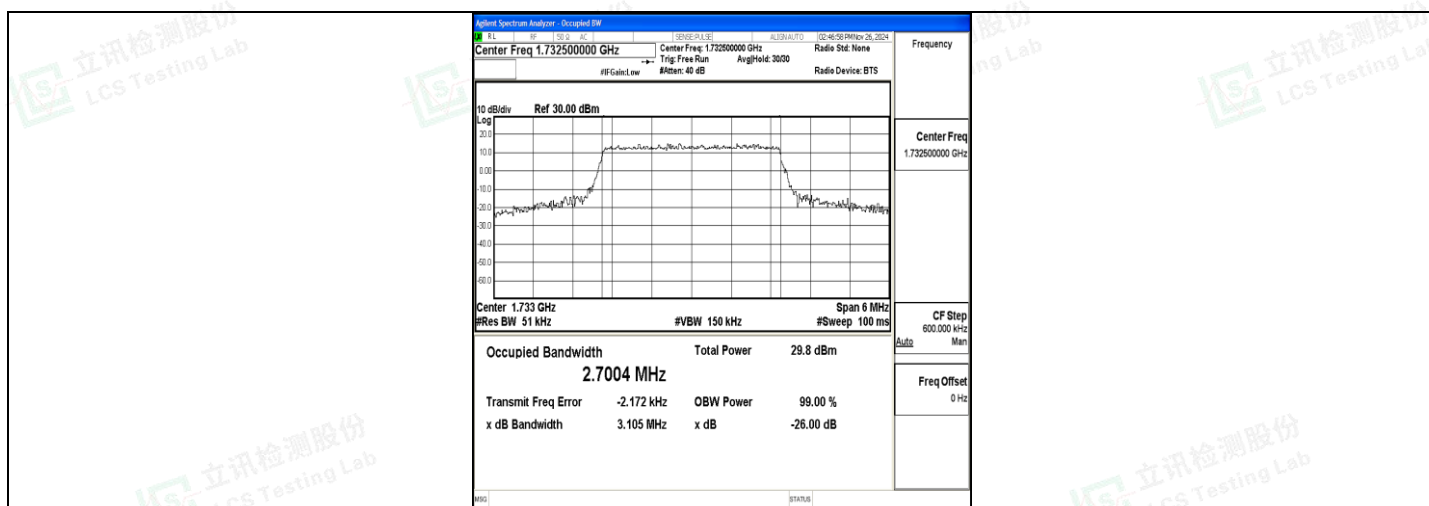
Test Graphs



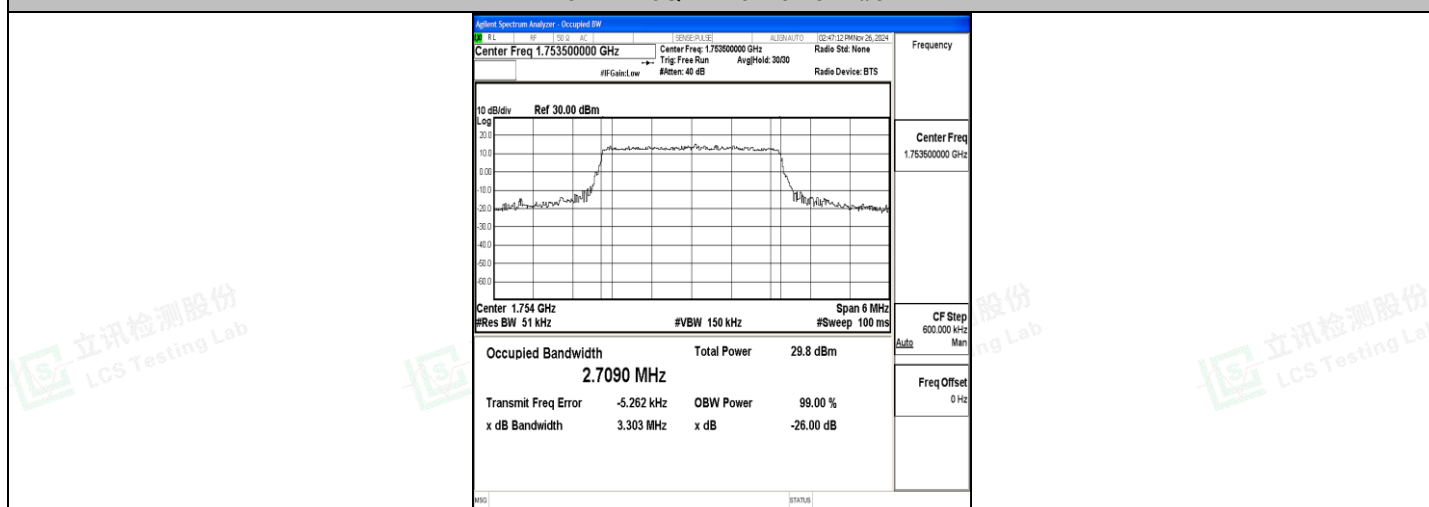
Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street,
Baonan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



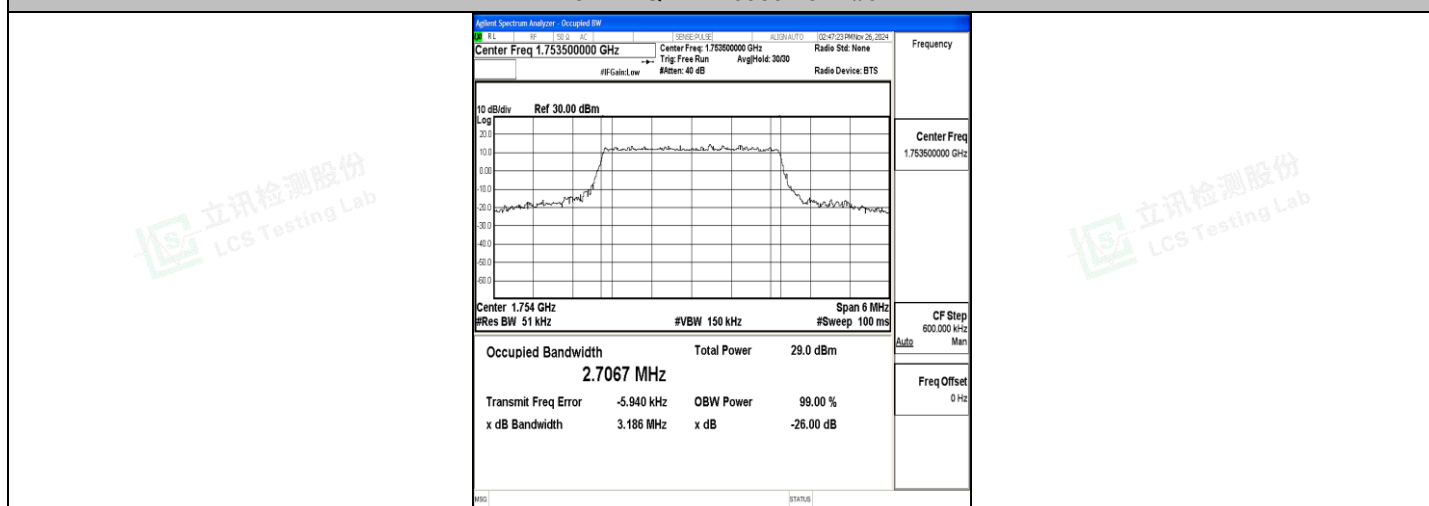




Band4-3MHz-16QAM-20175-15RB#0-PASS



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



Band4-3MHz-16QAM-20385-15RB#0-PASS



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