



## Appendix C: Test Data for E-UTRA Band 4

Product Name: 4G Feature Phone

Test Model: Q8

### 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](mailto:webmaster@lcs-cert.com) | Web: [www.lcs-cert.com](http://www.lcs-cert.com)  
Scan code to check authenticity



### C.1 Conducted Output Power Data

#### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	20.57	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	20.47	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	20.60	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	20.45	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	20.54	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	20.52	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	20.69	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	19.65	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	20.69	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	19.67	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	20.73	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	19.51	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	19.77	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	18.97	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	21.13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	19.69	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	21.10	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	19.66	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	21.07	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	19.65	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	21.05	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	20.04	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	21.14	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	20.03	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	21.08	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	21.71	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.09	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	21.74	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.04	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	21.76	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.14	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#0	21.89	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	20.67	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	21.90	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	20.68	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	21.88	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	20.80	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.03	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.07	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.90	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.06	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.97	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.12	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.83	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.02	PASS
Band4	3MHz	QPSK	19965	8RB#0	22.12	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.40	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.09	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	21.50	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.19	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.42	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.74	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.41	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.73	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.35	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.65	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.34	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.97	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.29	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.97	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.28	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.90	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.25	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.95	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.01	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.78	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.14	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.81	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.06	PASS



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



Band4	3MHz	QPSK	20385	1RB#14	22.78	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.26	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.05	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.31	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.07	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.32	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.01	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.34	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.05	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.32	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.01	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.71	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.96	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.71	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.91	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.66	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.23	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.34	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.23	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.34	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.17	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.31	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.20	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.40	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.66	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.22	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.54	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.16	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.63	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.17	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.96	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.27	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.96	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.27	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.03	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.32	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.99	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.23	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.83	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.62	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity



Band4	5MHz	QPSK	20375	1RB#12	22.90	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.67	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.90	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.83	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.00	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.16	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.11	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.17	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.97	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.22	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.07	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.24	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.88	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.07	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.86	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.05	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.80	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.92	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.04	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.28	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.06	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.28	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.12	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.16	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.09	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.35	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.85	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.94	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.79	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.87	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.77	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.81	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.01	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.30	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.99	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.29	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.98	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.22	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.95	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.12	PASS



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





Band4	10MHz	QPSK	20350	1RB#0	22.60	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.44	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.70	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.46	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.72	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.56	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.98	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.19	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.91	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.20	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.03	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.14	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.03	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.23	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.90	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.13	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.80	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.10	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.77	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.98	PASS
Band4	15MHz	QPSK	20025	38RB#0	22.02	PASS
Band4	15MHz	16QAM	20025	38RB#0	22.02	PASS
Band4	15MHz	QPSK	20025	38RB#18	22.11	PASS
Band4	15MHz	16QAM	20025	38RB#18	22.10	PASS
Band4	15MHz	QPSK	20025	38RB#37	22.09	PASS
Band4	15MHz	16QAM	20025	38RB#37	22.09	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.09	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.27	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.43	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.90	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.29	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.92	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.32	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.67	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.87	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.86	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.97	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.97	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.97	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.97	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity



Band4	15MHz	QPSK	20175	75RB#0	21.96	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.24	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.57	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.98	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.71	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.05	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.77	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.08	PASS
Band4	15MHz	QPSK	20325	38RB#0	22.01	PASS
Band4	15MHz	16QAM	20325	38RB#0	22.01	PASS
Band4	15MHz	QPSK	20325	38RB#18	22.01	PASS
Band4	15MHz	16QAM	20325	38RB#18	22.02	PASS
Band4	15MHz	QPSK	20325	38RB#37	22.02	PASS
Band4	15MHz	16QAM	20325	38RB#37	22.02	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.02	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.17	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.92	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.01	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.78	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.75	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.99	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.85	PASS
Band4	20MHz	QPSK	20050	50RB#0	22.12	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.36	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.05	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.36	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.98	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.27	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.10	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.21	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.81	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.63	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.75	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.43	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.67	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.39	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.99	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.19	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.96	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.26	PASS





Band4	20MHz	QPSK	20175	50RB#50	21.92	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.20	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.02	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.30	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.79	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.53	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.82	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.58	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.94	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.04	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.93	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.28	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.01	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.28	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.35	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.04	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.17	PASS







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

#### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	3.53	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	4.11	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	4.29	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	4.95	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3.61	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	4.29	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.54	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.21	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3.43	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	3.95	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.34	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.01	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	3.51	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	4.28	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.32	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	4.99	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	3.72	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	4.51	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.56	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.30	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	3.45	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	4.30	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.28	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	4.99	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	3.60	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	4.36	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.87	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.42	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	3.84	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	4.70	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.95	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.60	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	3.41	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

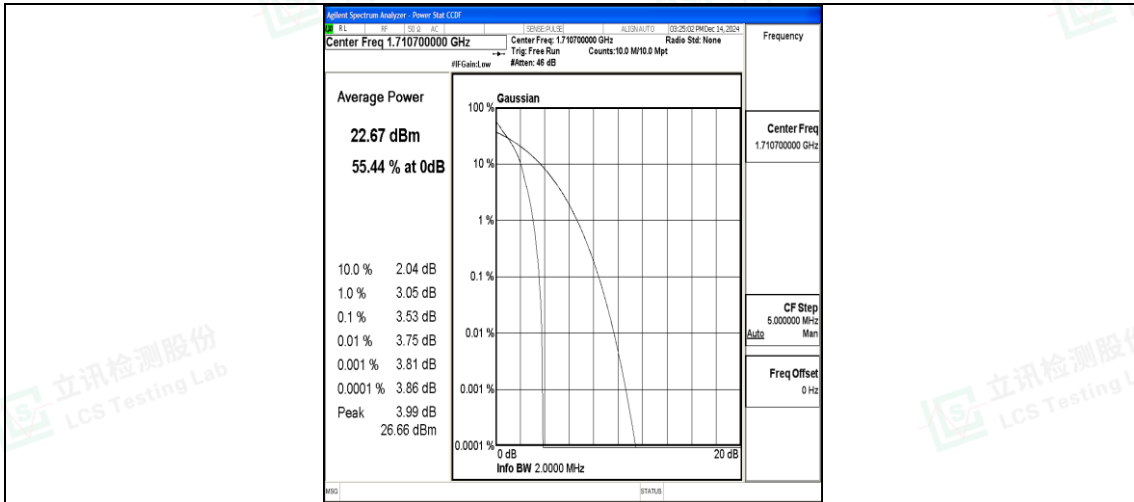


Band4	5MHz	16QAM	20375	1RB#0	4.37	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.79	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.37	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	3.52	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	4.24	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.95	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.58	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	3.90	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	4.70	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	4.95	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.68	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	3.14	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	4.24	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.78	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.41	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	3.51	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	4.26	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.24	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.72	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	3.99	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	4.69	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.29	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.75	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	3.44	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	4.07	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.01	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.51	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	3.92	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	4.78	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.29	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.98	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	4.38	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	5.21	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.36	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.04	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	4.29	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	4.93	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.05	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.70	13	PASS

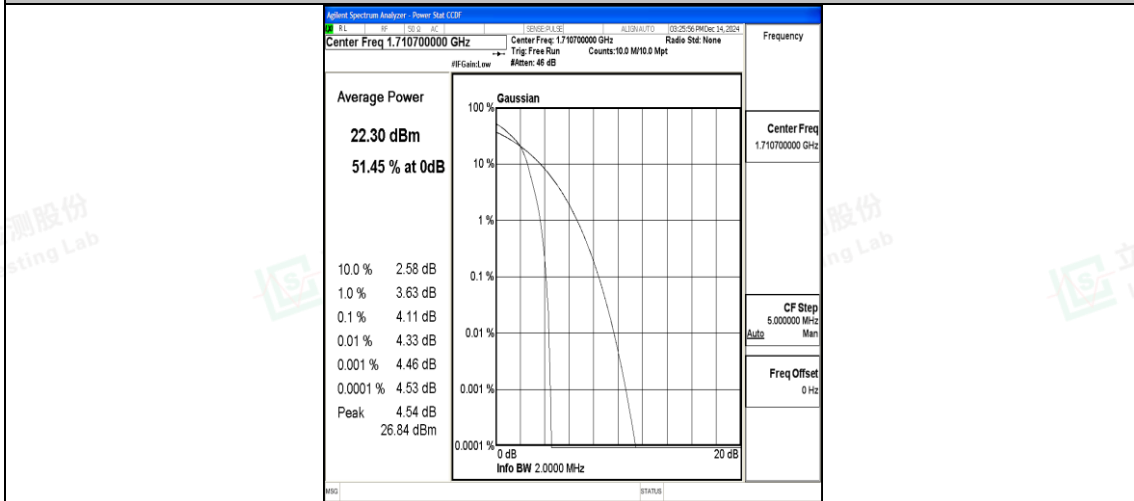




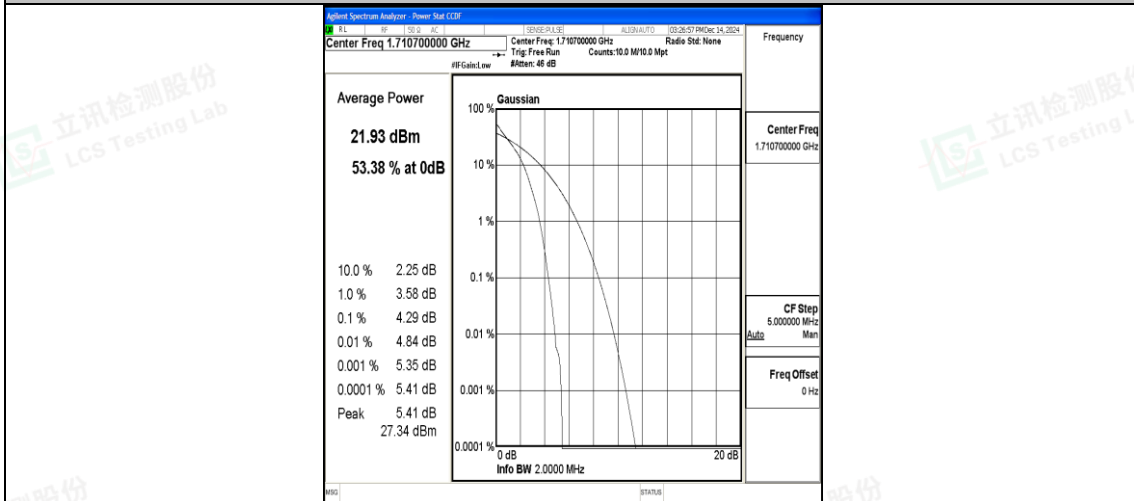
### Test Graphs



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

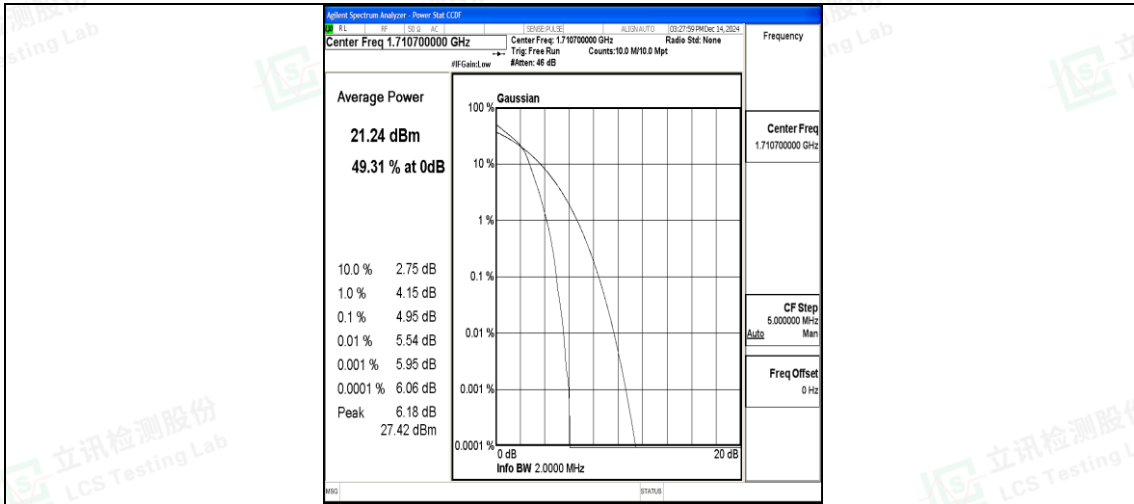


Band4-1.4MHz-16QAM-19957-1RB#0-PASS

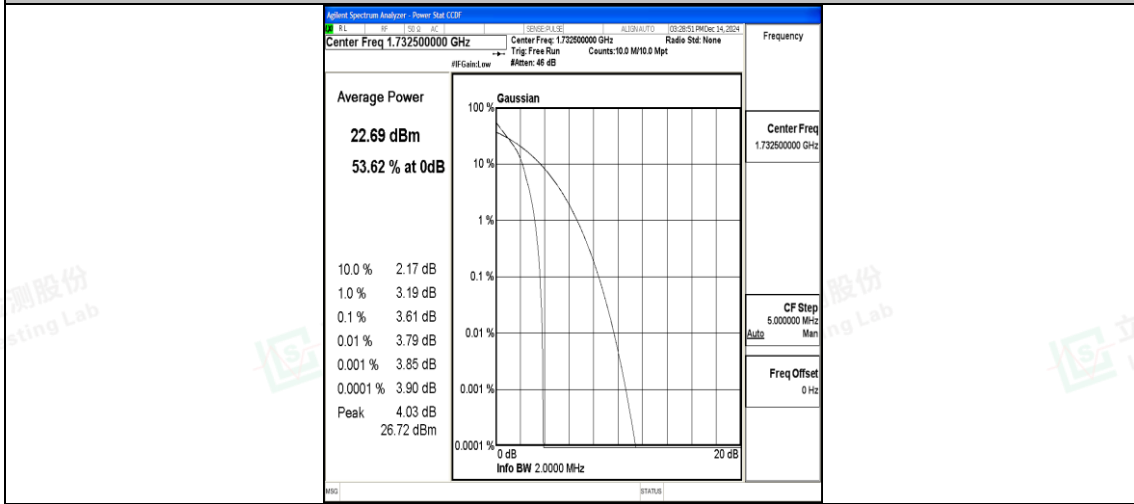


Band4-1.4MHz-QPSK-19957-6RB#0-PASS

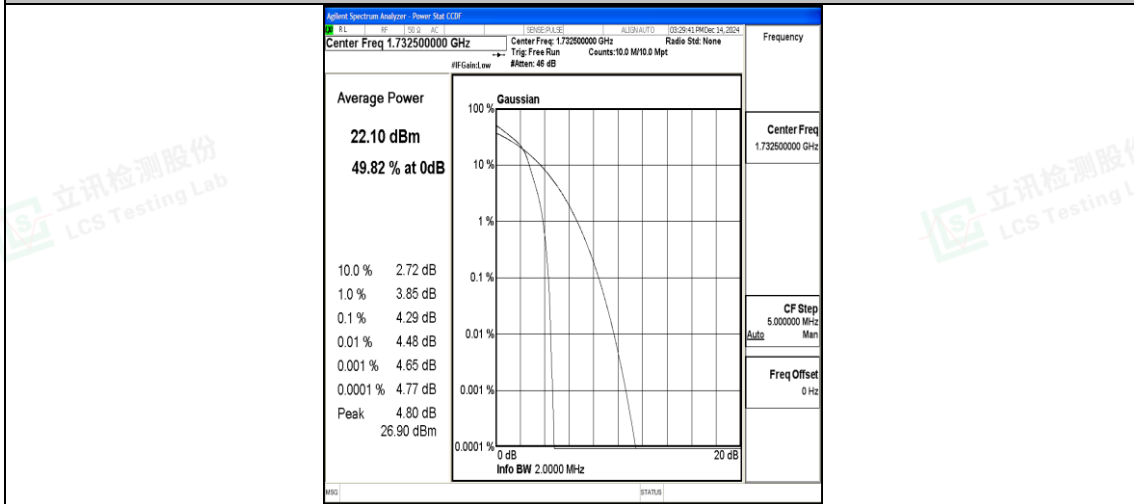




Band4-1.4MHz-16QAM-19957-6RB#0-PASS

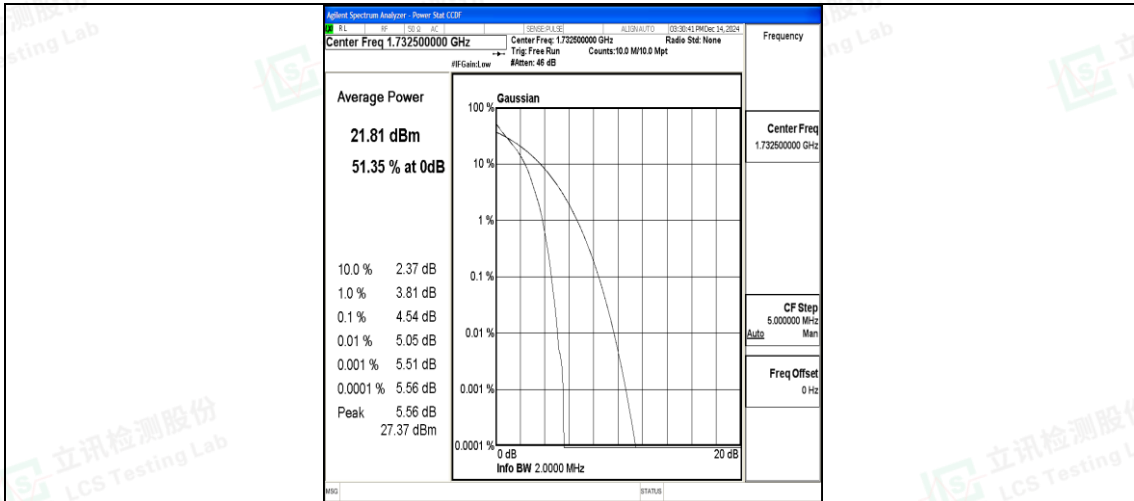


Band4-1.4MHz-QPSK-20175-1RB#0-PASS

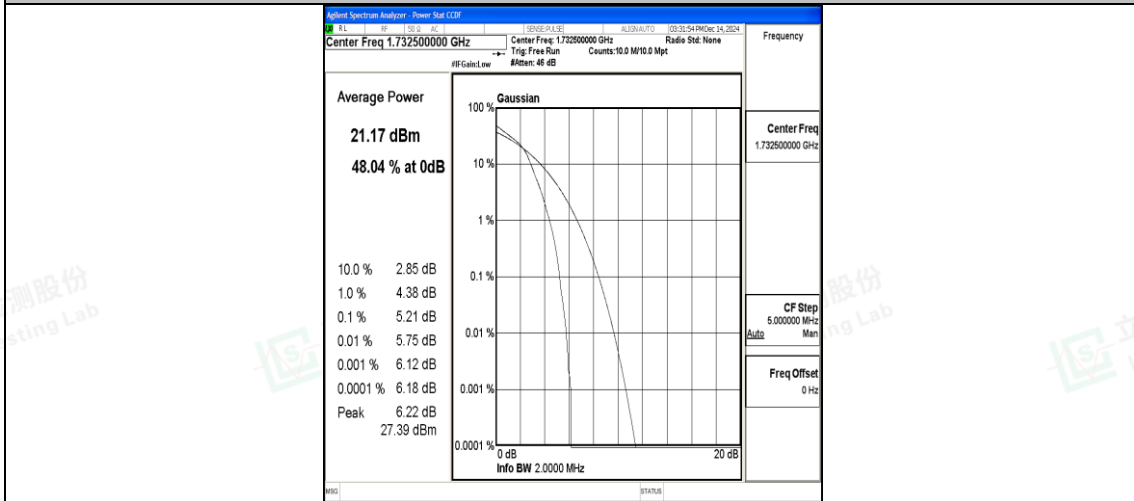


Band4-1.4MHz-16QAM-20175-1RB#0-PASS

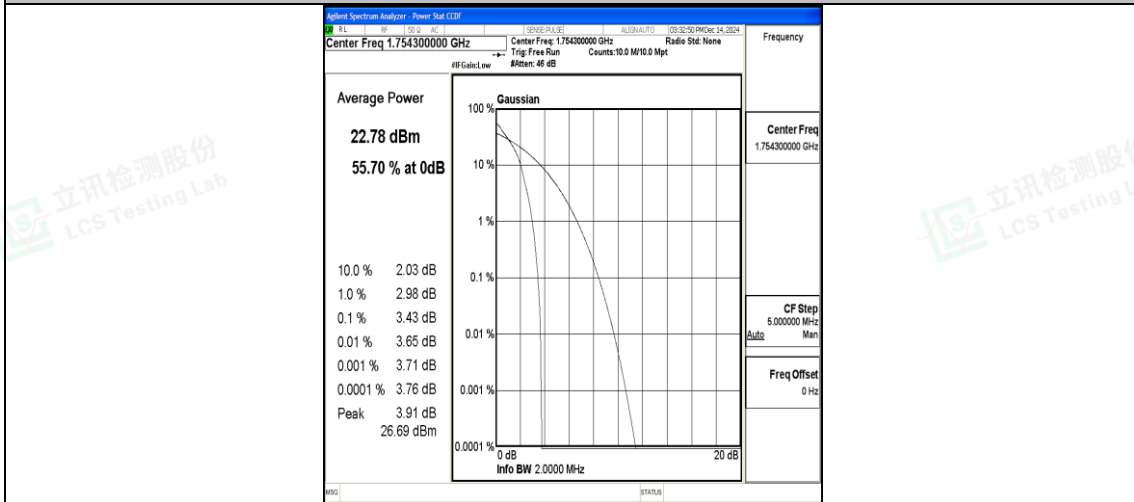




Band4-1.4MHz-QPSK-20175-6RB#0-PASS



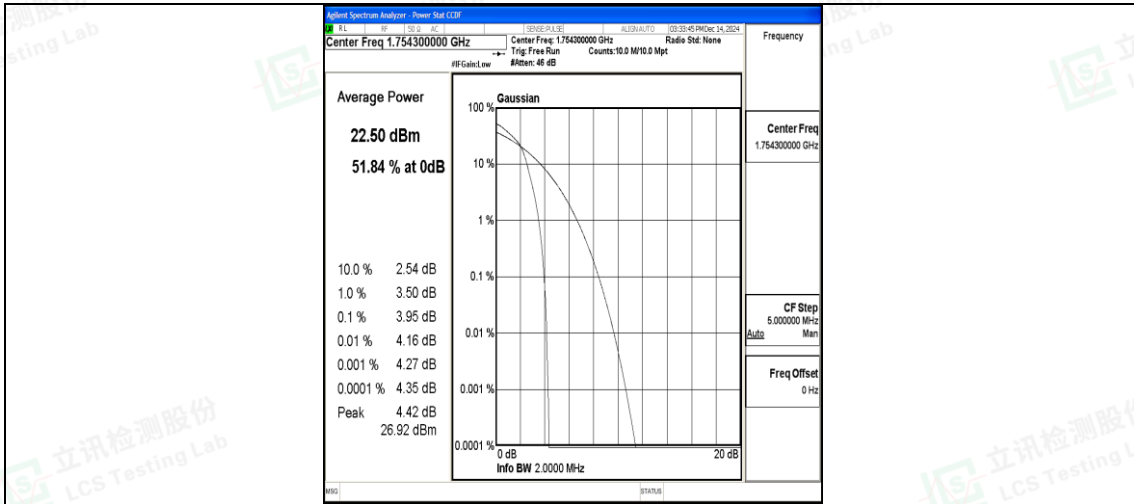
Band4-1.4MHz-16QAM-20175-6RB#0-PASS



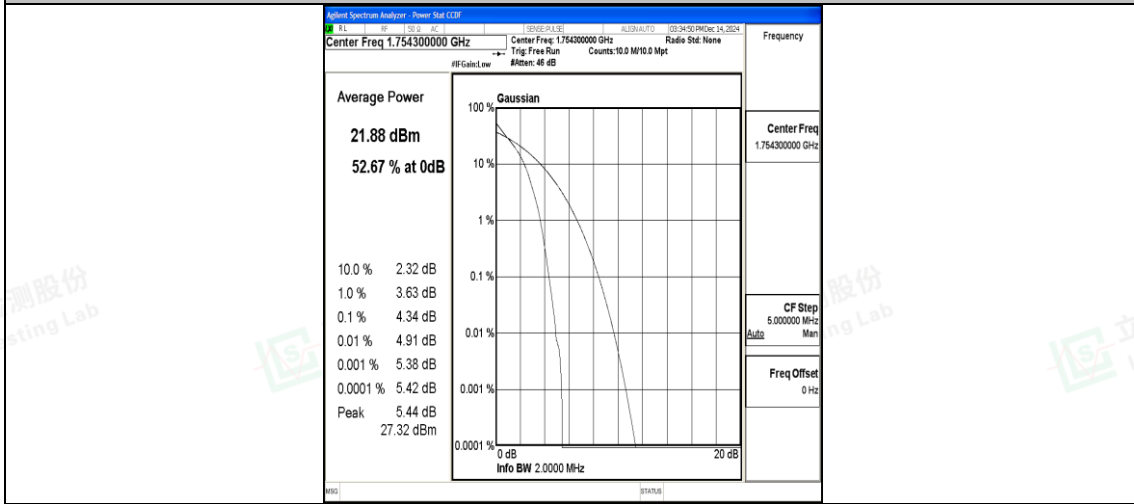
Band4-1.4MHz-QPSK-20393-1RB#0-PASS



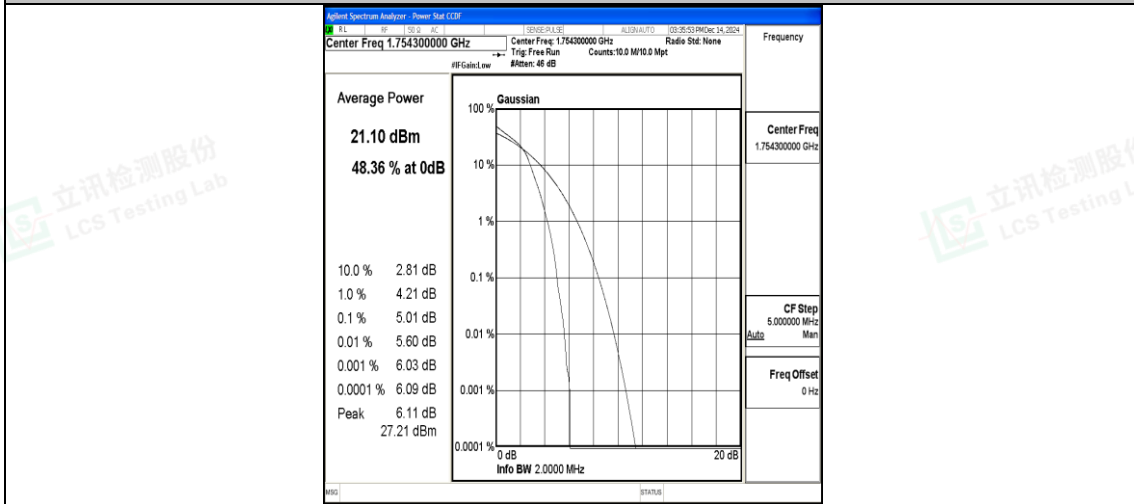




Band4-1.4MHz-16QAM-20393-1RB#0-PASS

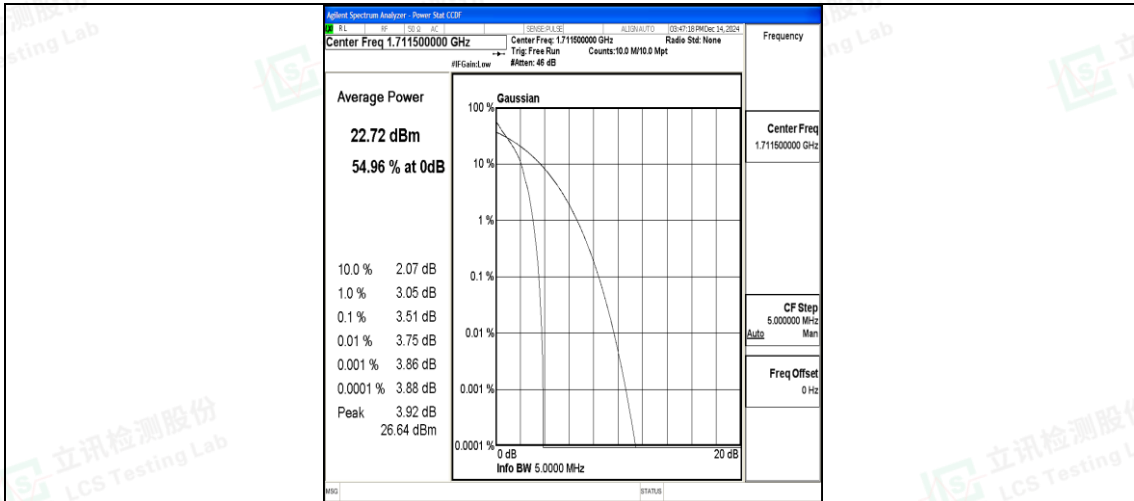


Band4-1.4MHz-QPSK-20393-6RB#0-PASS

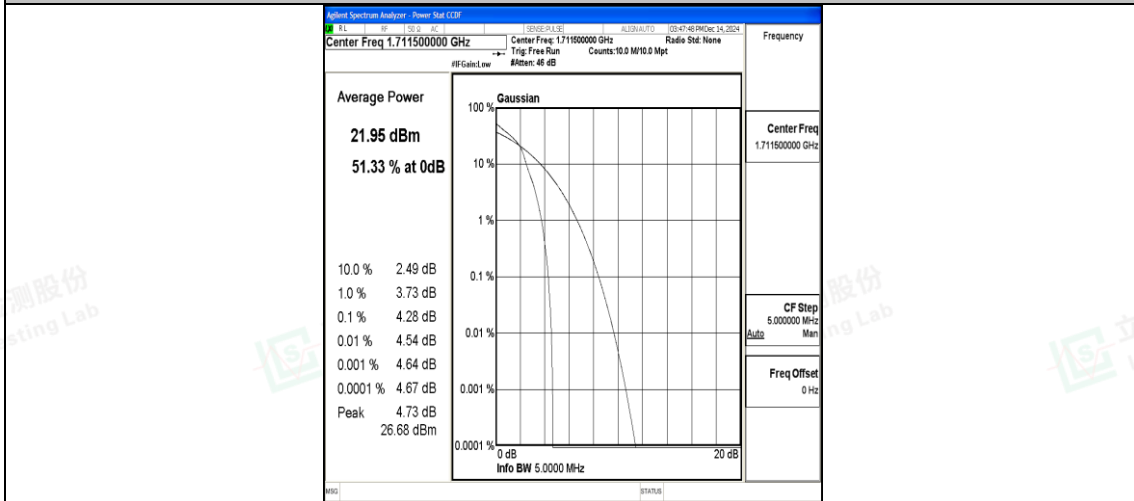


Band4-1.4MHz-16QAM-20393-6RB#0-PASS

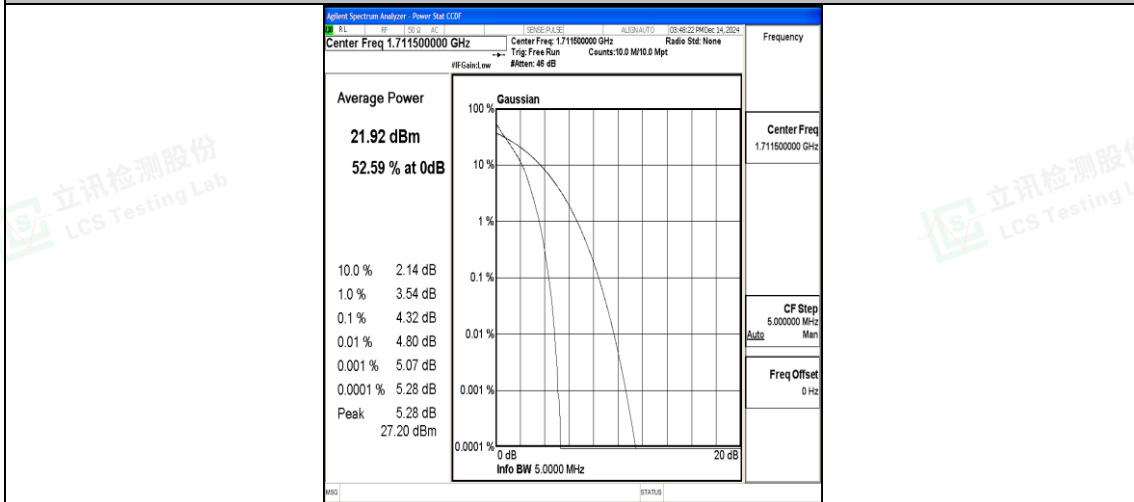




Band4-3MHz-QPSK-19965-1RB#0-PASS

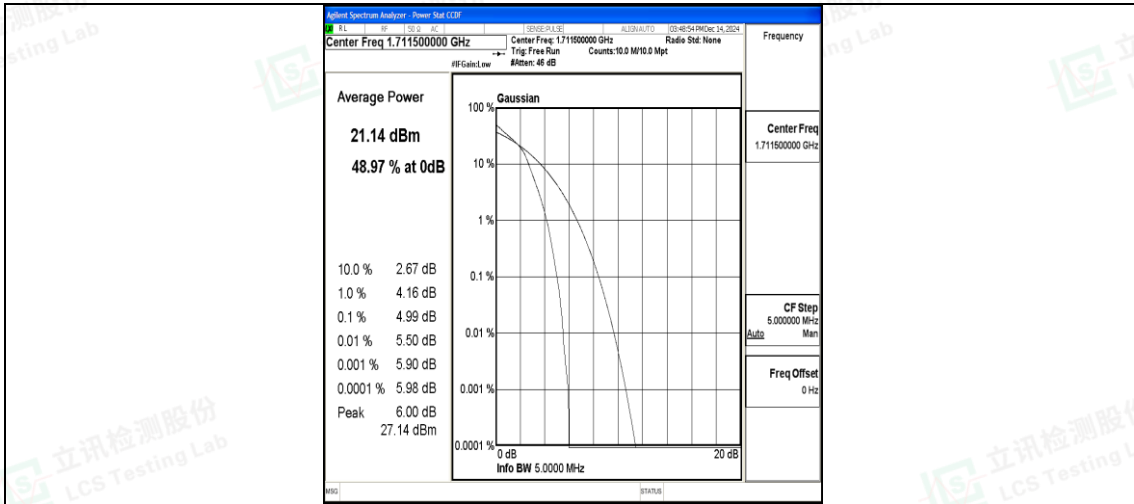


Band4-3MHz-16QAM-19965-1RB#0-PASS

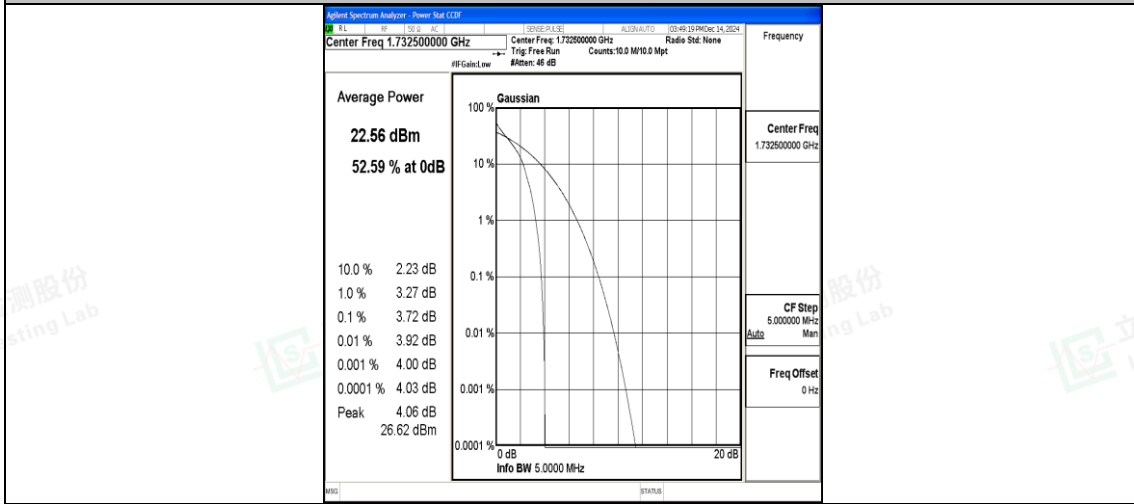


Band4-3MHz-QPSK-19965-15RB#0-PASS

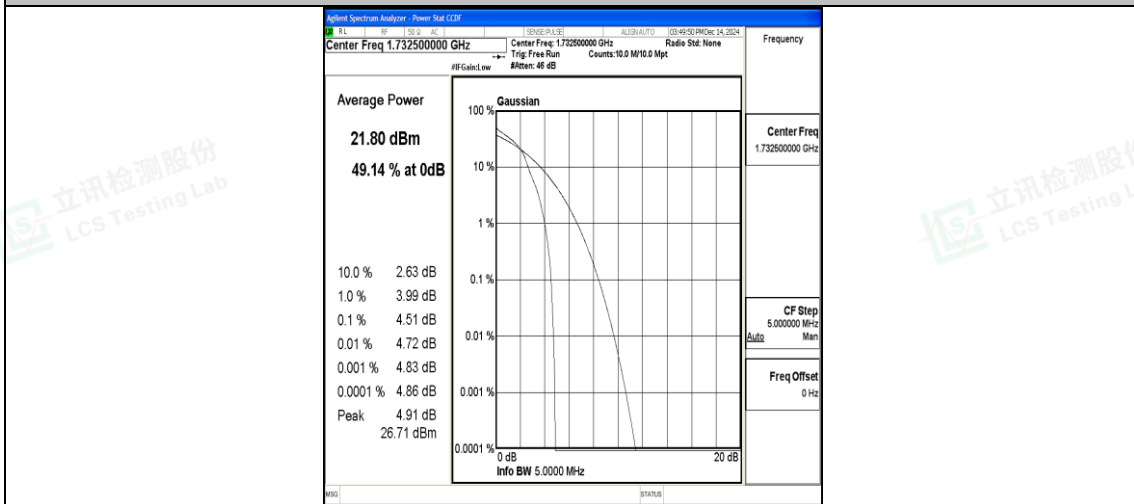




Band4-3MHz-16QAM-19965-15RB#0-PASS

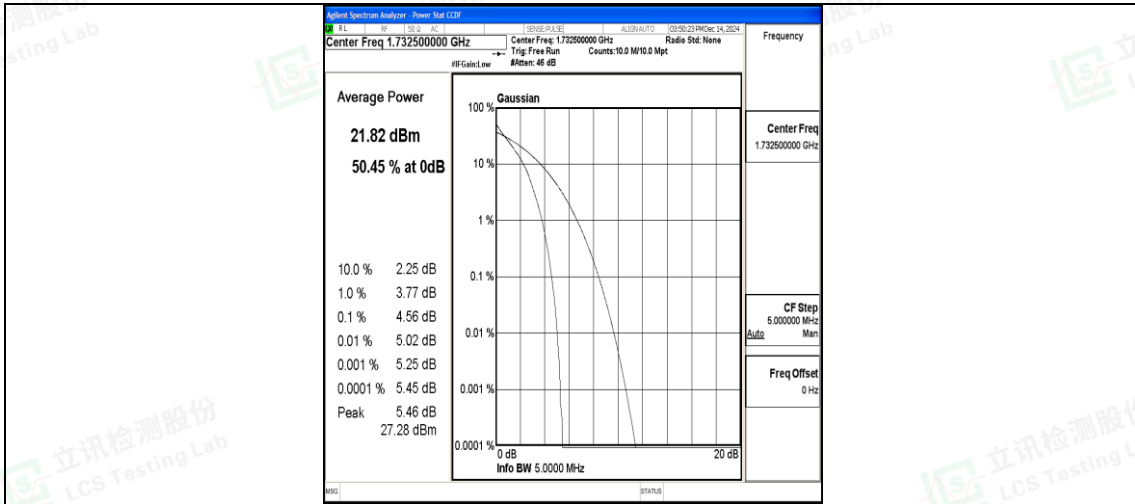


Band4-3MHz-QPSK-20175-1RB#0-PASS

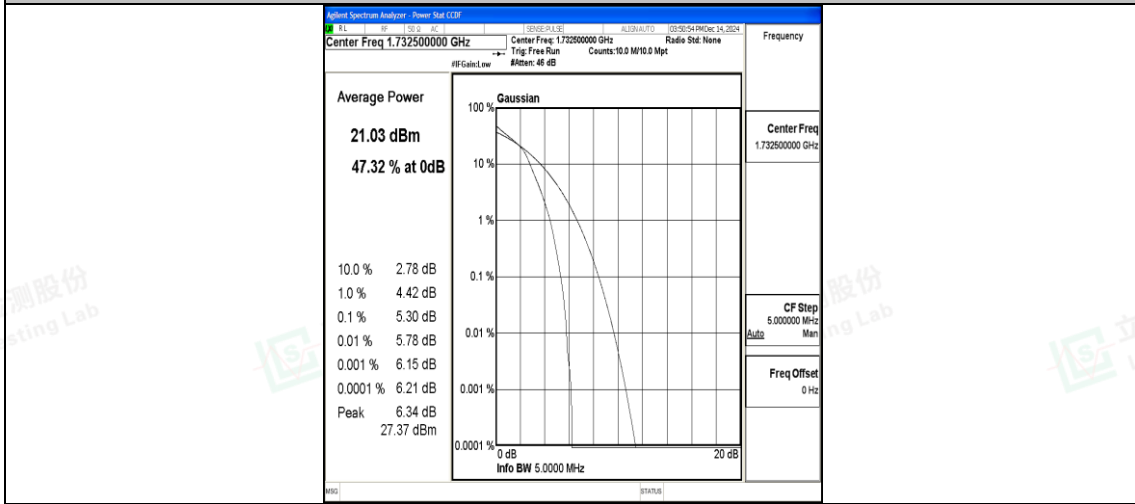


Band4-3MHz-16QAM-20175-1RB#0-PASS

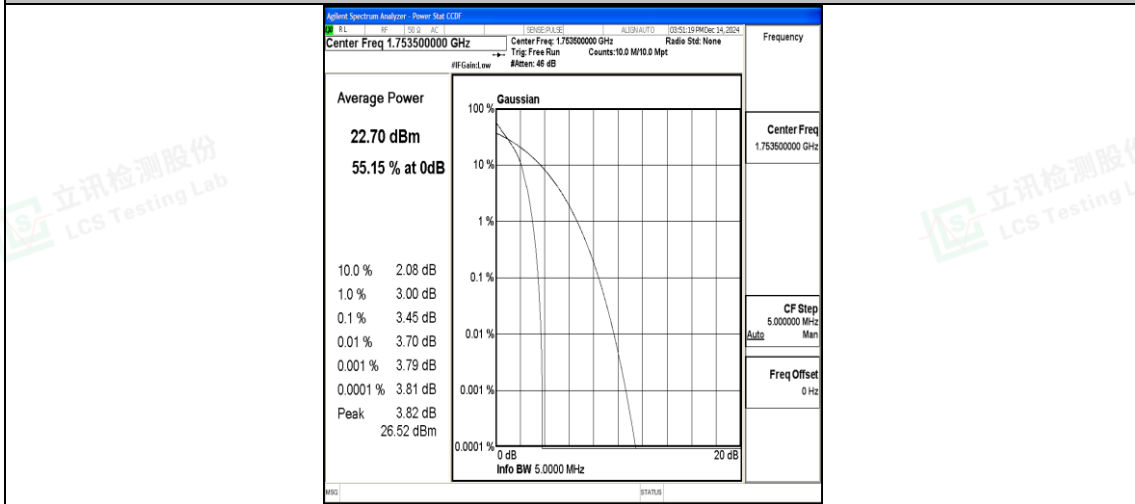




Band4-3MHz-QPSK-20175-15RB#0-PASS

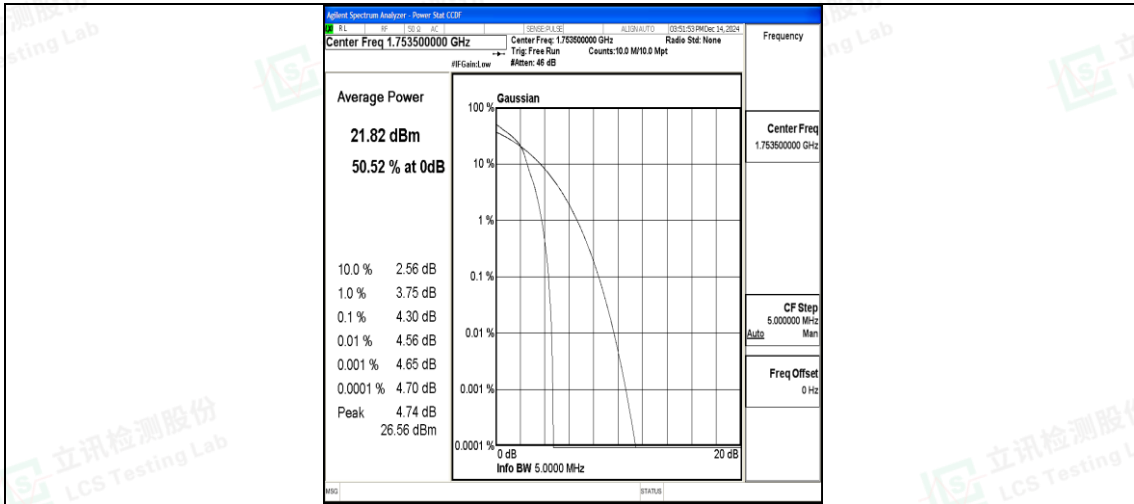


Band4-3MHz-16QAM-20175-15RB#0-PASS

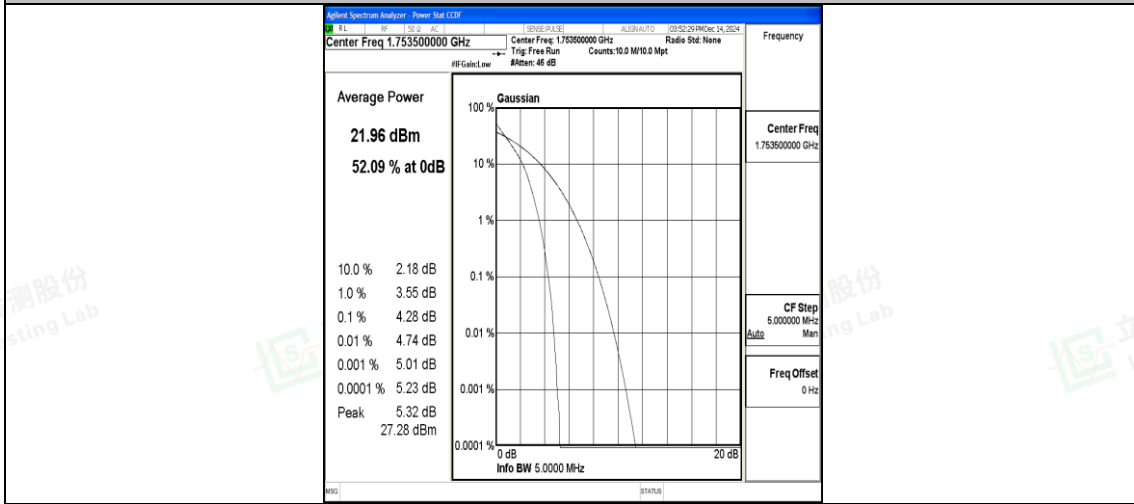


Band4-3MHz-QPSK-20385-1RB#0-PASS

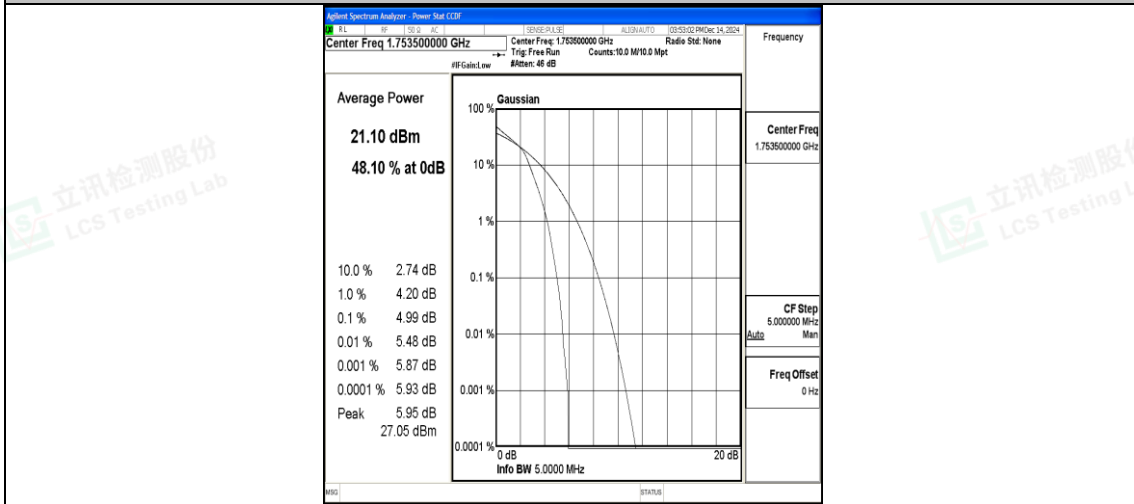




Band4-3MHz-16QAM-20385-1RB#0-PASS



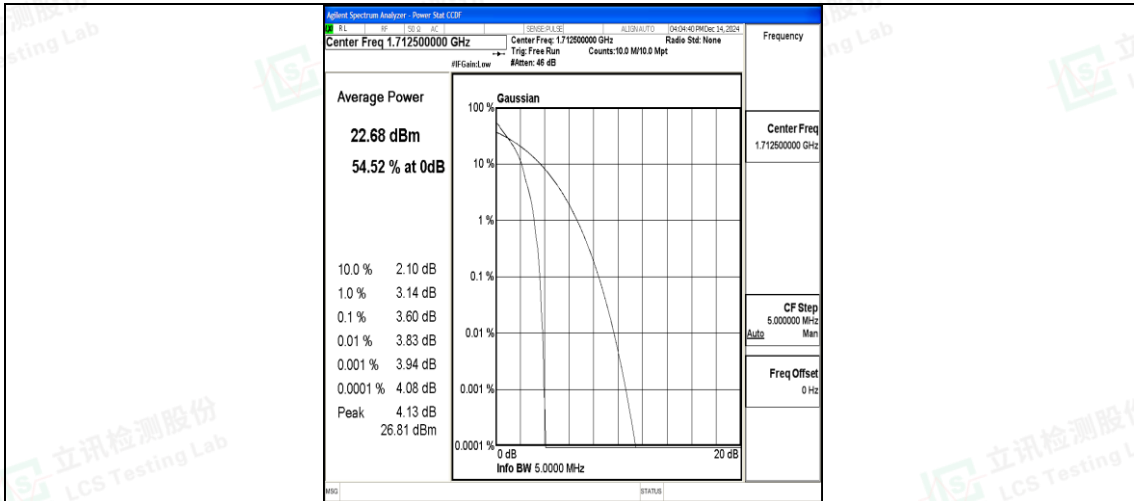
Band4-3MHz-QPSK-20385-15RB#0-PASS



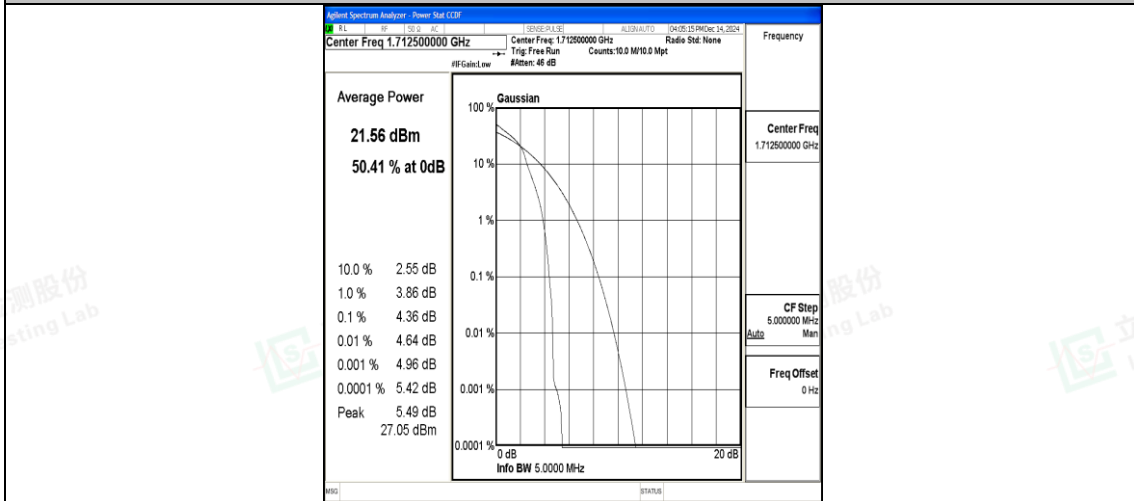
Band4-3MHz-16QAM-20385-15RB#0-PASS



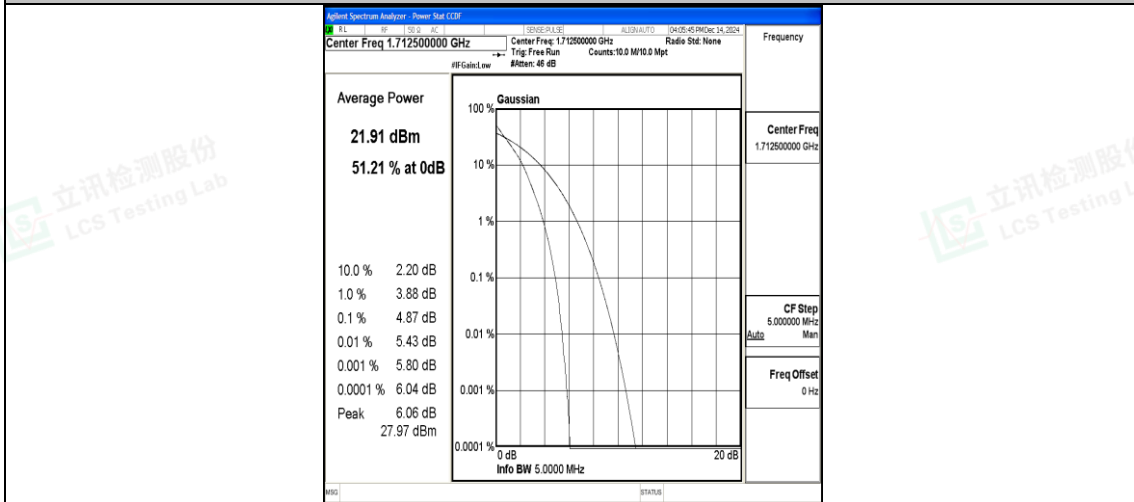




Band4-5MHz-QPSK-19975-1RB#0-PASS

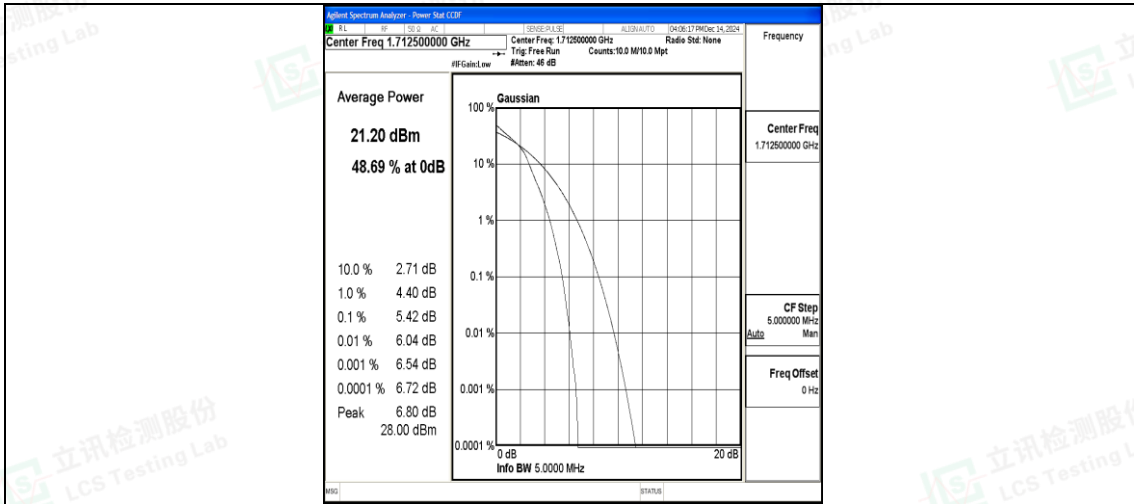


Band4-5MHz-16QAM-19975-1RB#0-PASS

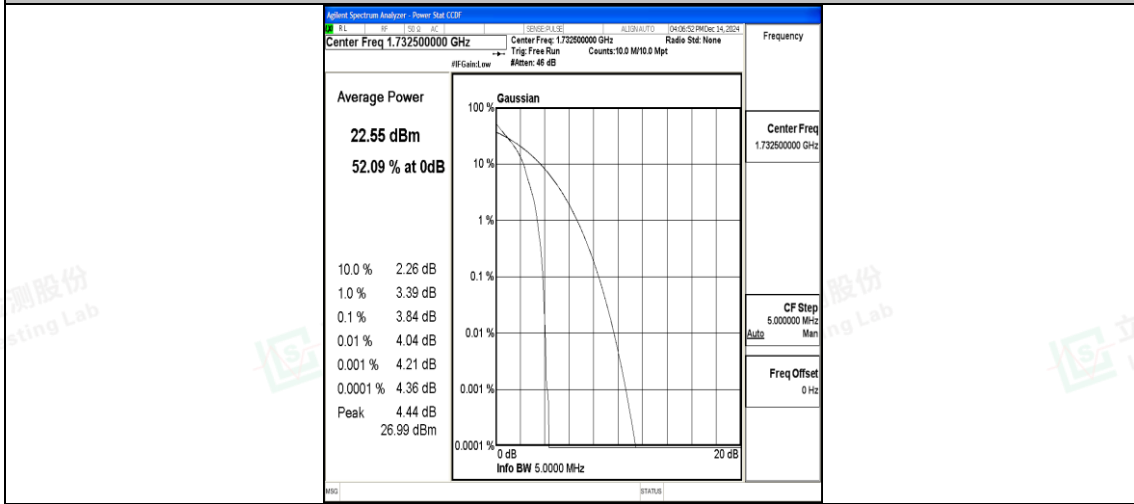


Band4-5MHz-QPSK-19975-25RB#0-PASS

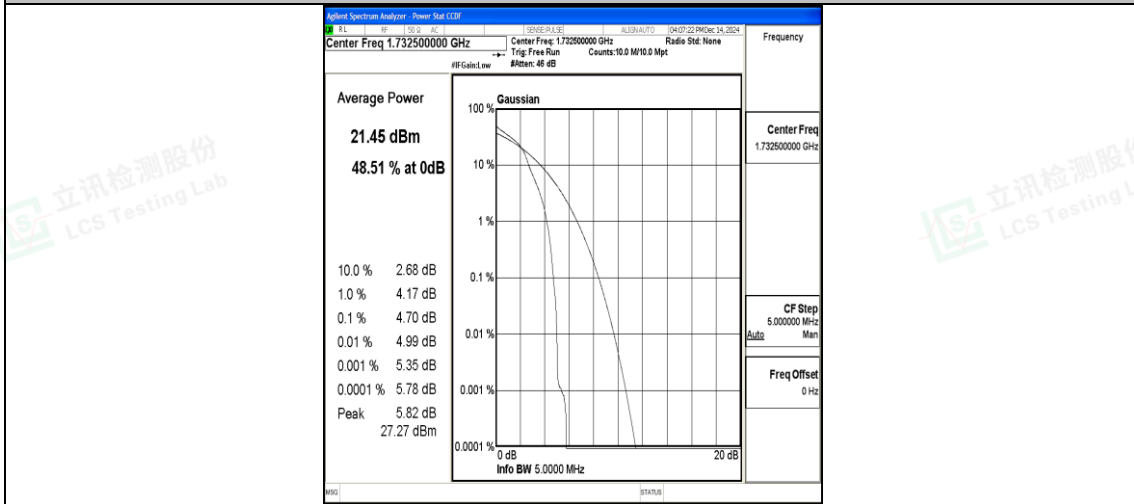




Band4-5MHz-16QAM-19975-25RB#0-PASS

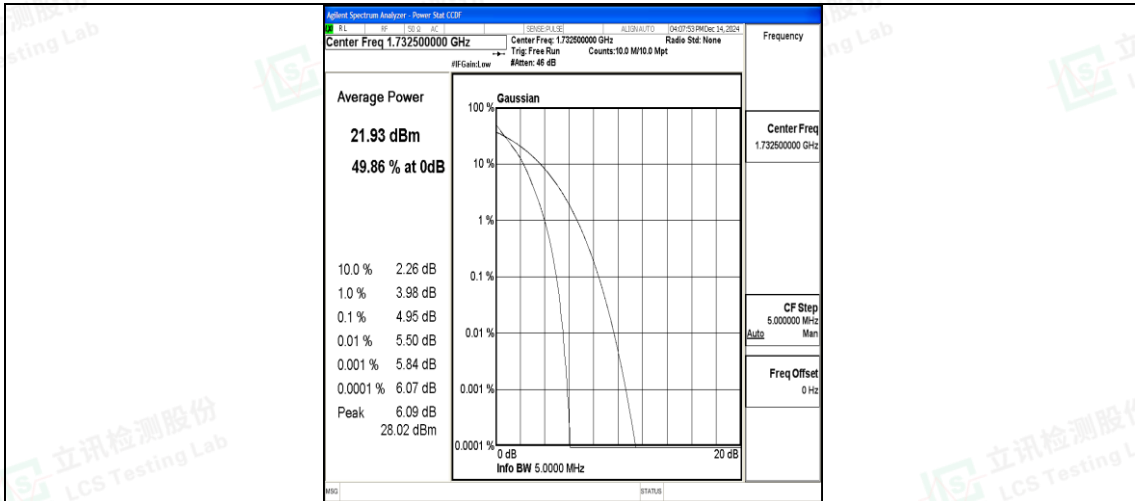


Band4-5MHz-QPSK-20175-1RB#0-PASS

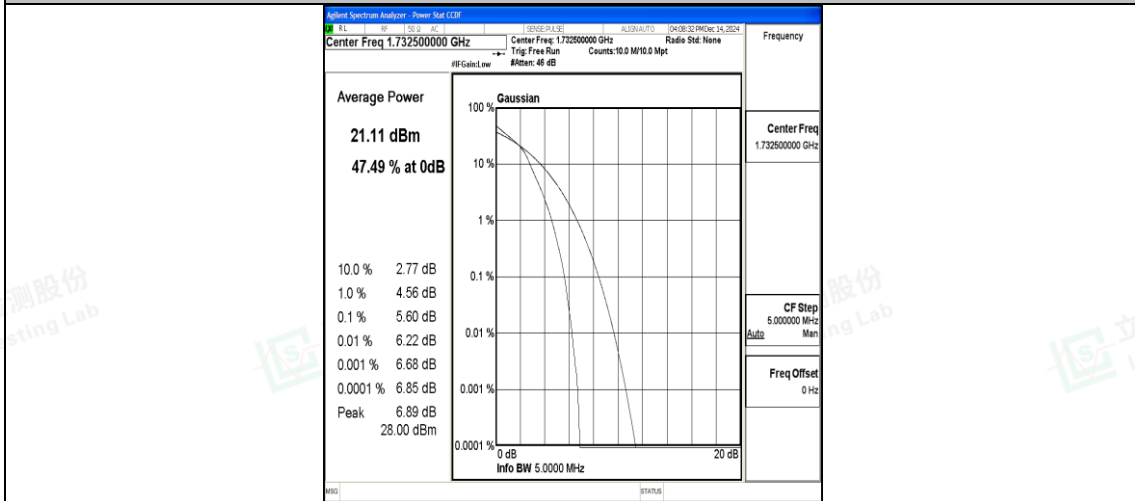


Band4-5MHz-16QAM-20175-1RB#0-PASS

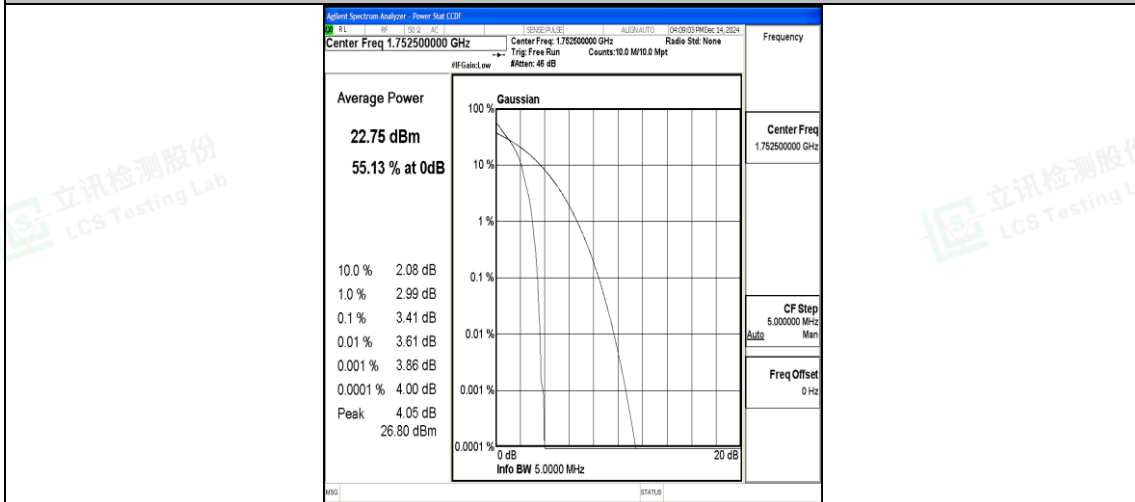




Band4-5MHz-QPSK-20175-25RB#0-PASS

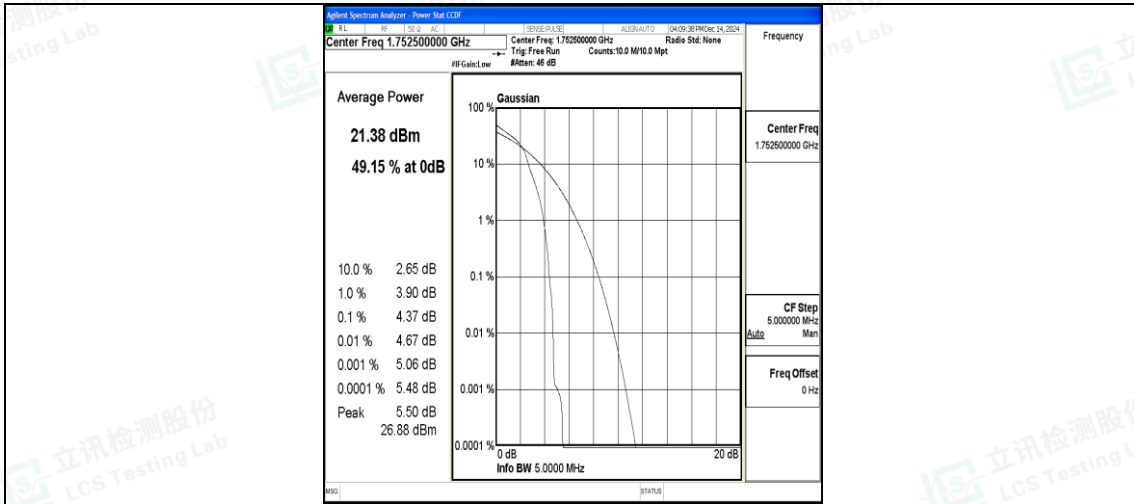


Band4-5MHz-16QAM-20175-25RB#0-PASS

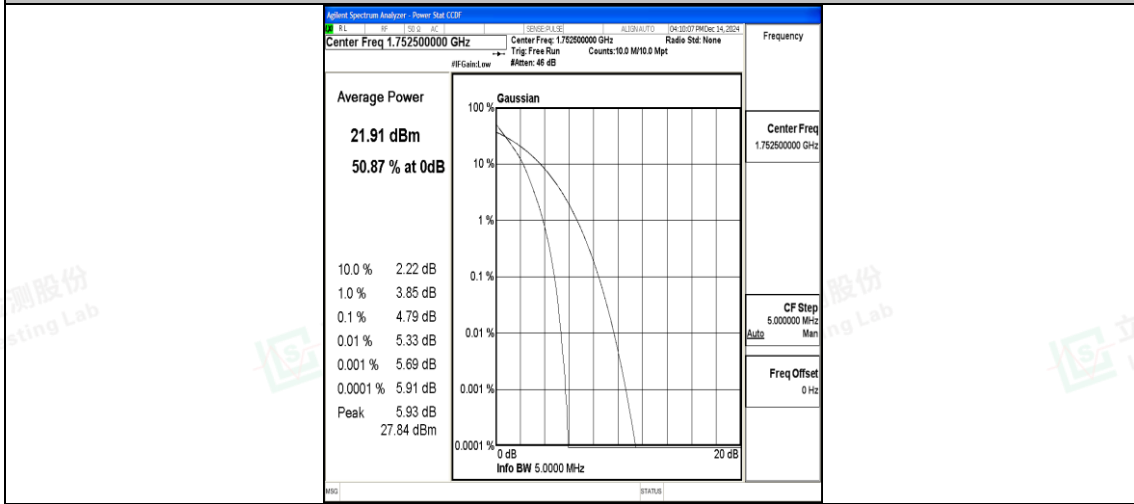


Band4-5MHz-QPSK-20375-1RB#0-PASS

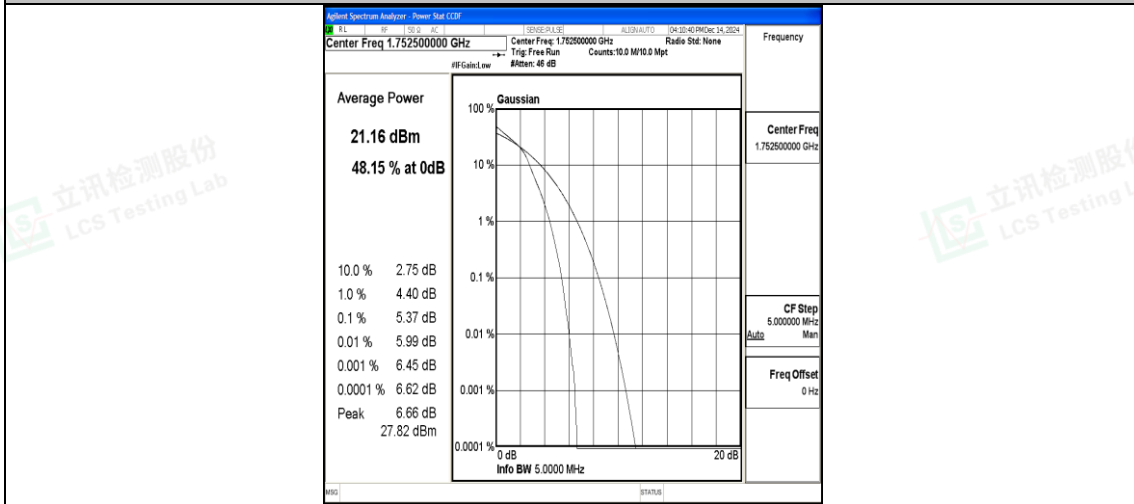




Band4-5MHz-16QAM-20375-1RB#0-PASS

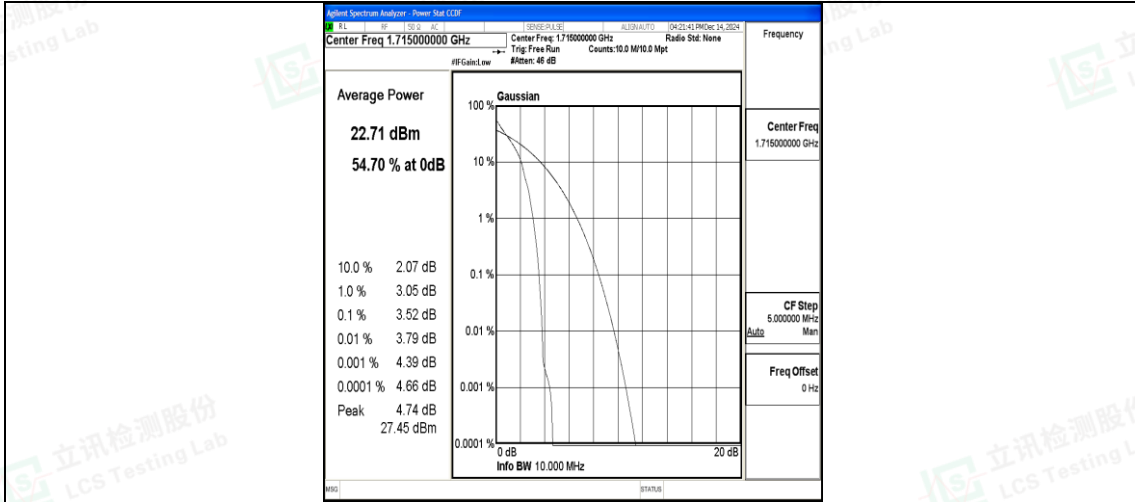


Band4-5MHz-QPSK-20375-25RB#0-PASS

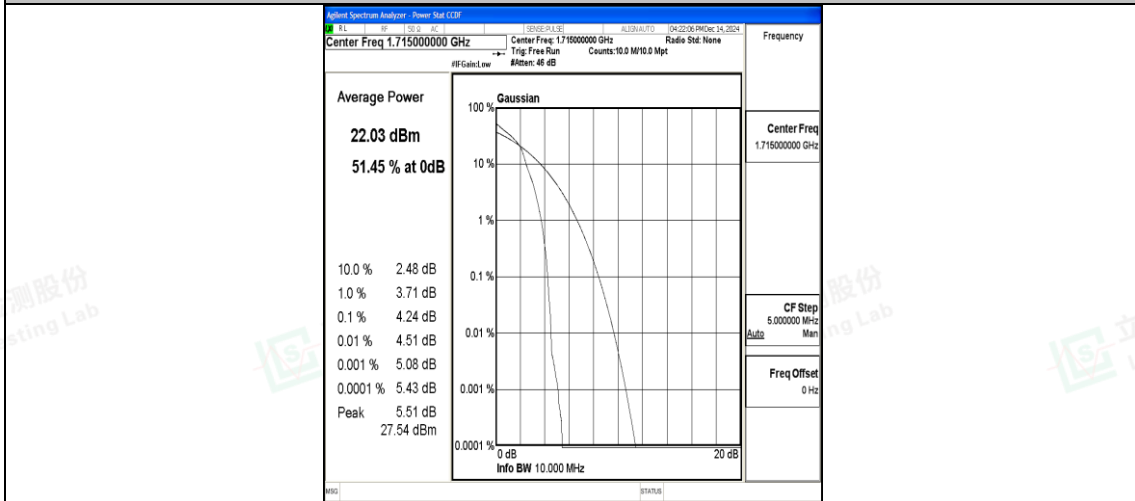


Band4-5MHz-16QAM-20375-25RB#0-PASS

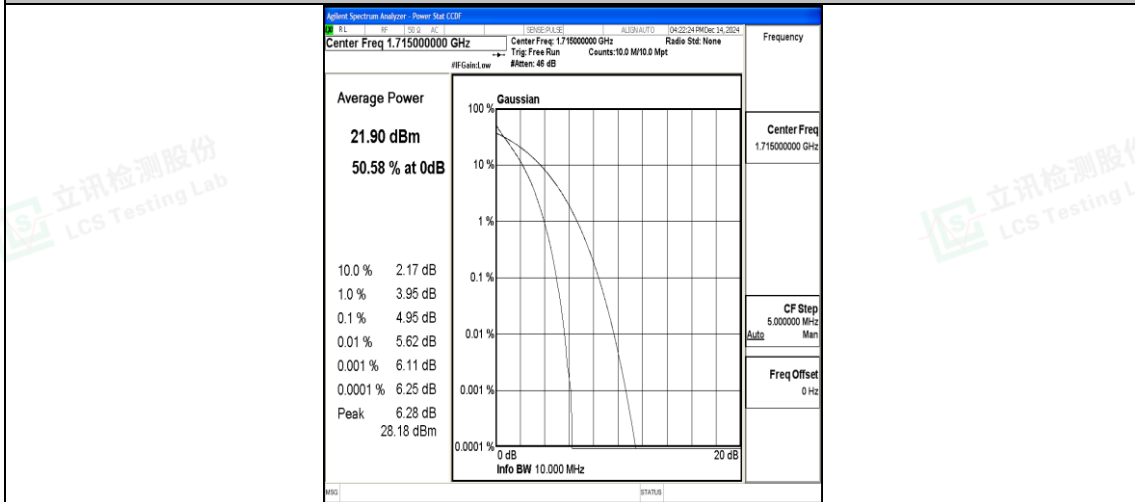




Band4-10MHz-QPSK-20000-1RB#0-PASS



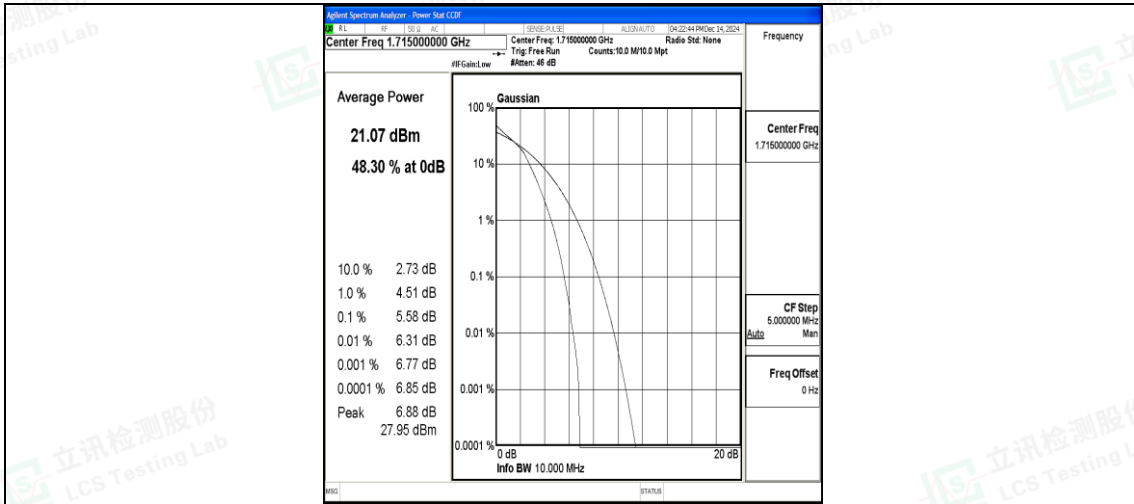
Band4-10MHz-16QAM-20000-1RB#0-PASS



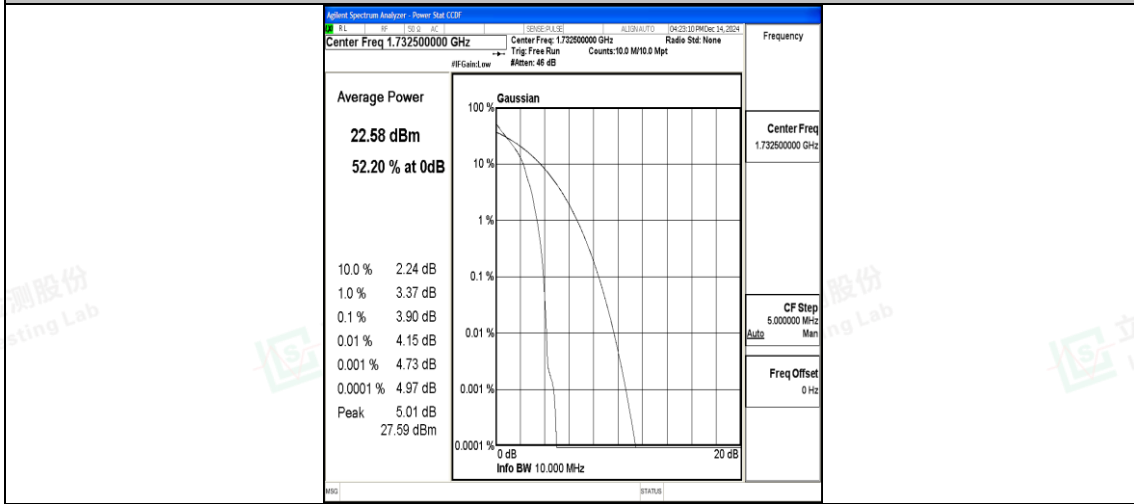
Band4-10MHz-QPSK-20000-50RB#0-PASS



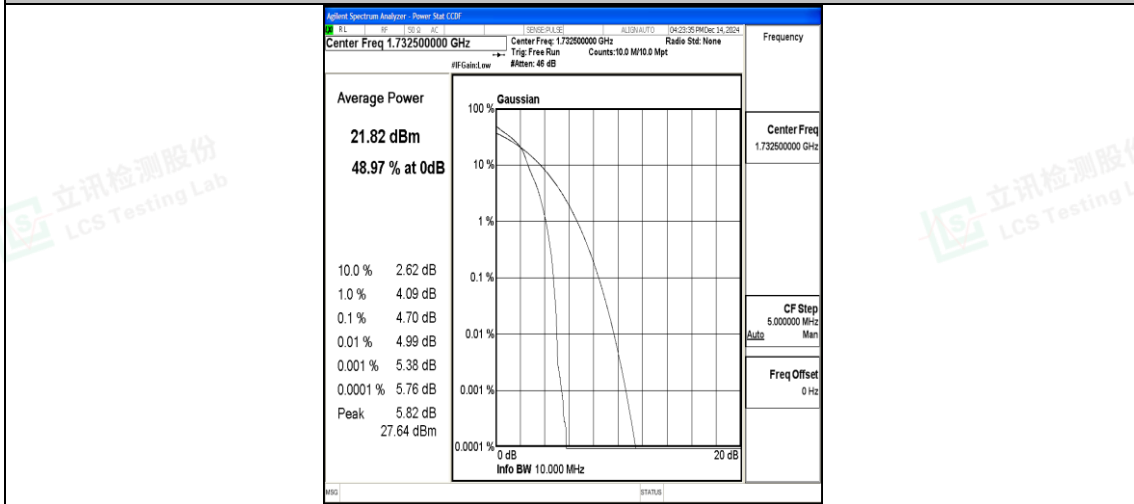




Band4-10MHz-16QAM-20000-50RB#0-PASS

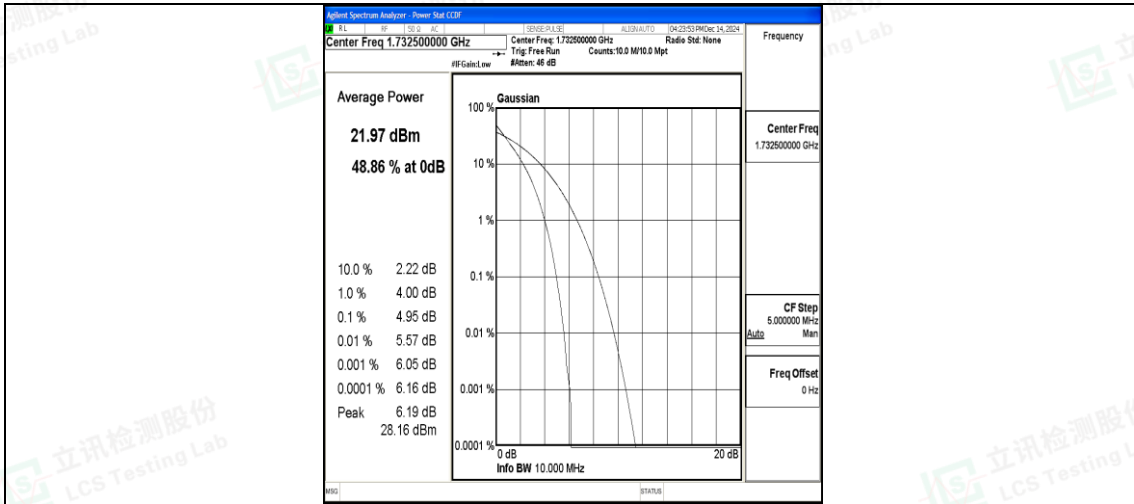


Band4-10MHz-QPSK-20175-1RB#0-PASS

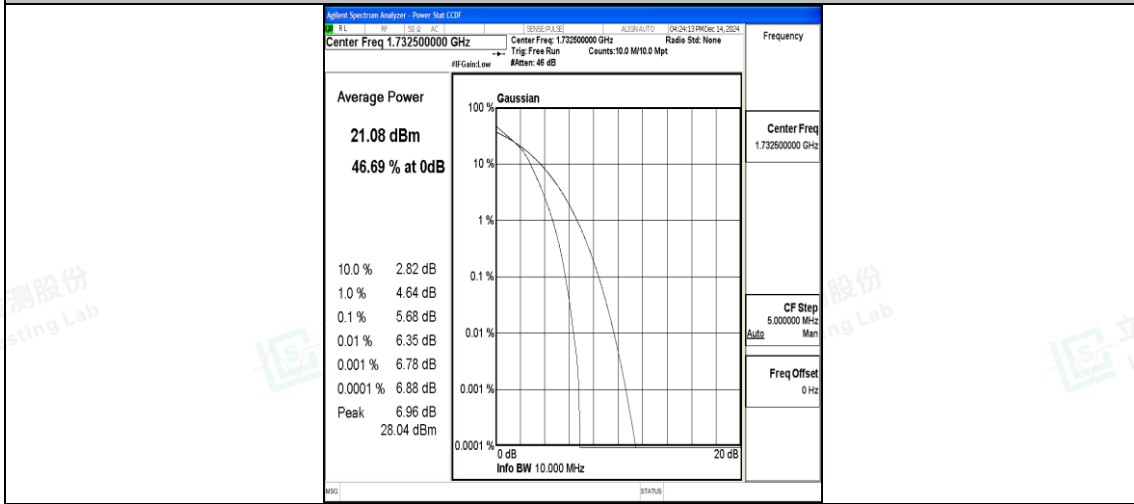


Band4-10MHz-16QAM-20175-1RB#0-PASS

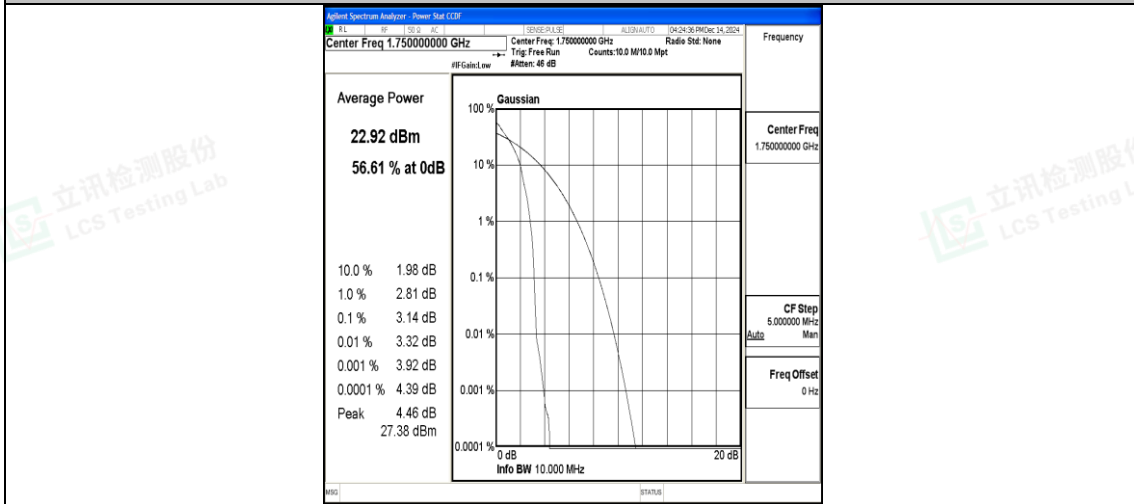




Band4-10MHz-QPSK-20175-50RB#0-PASS

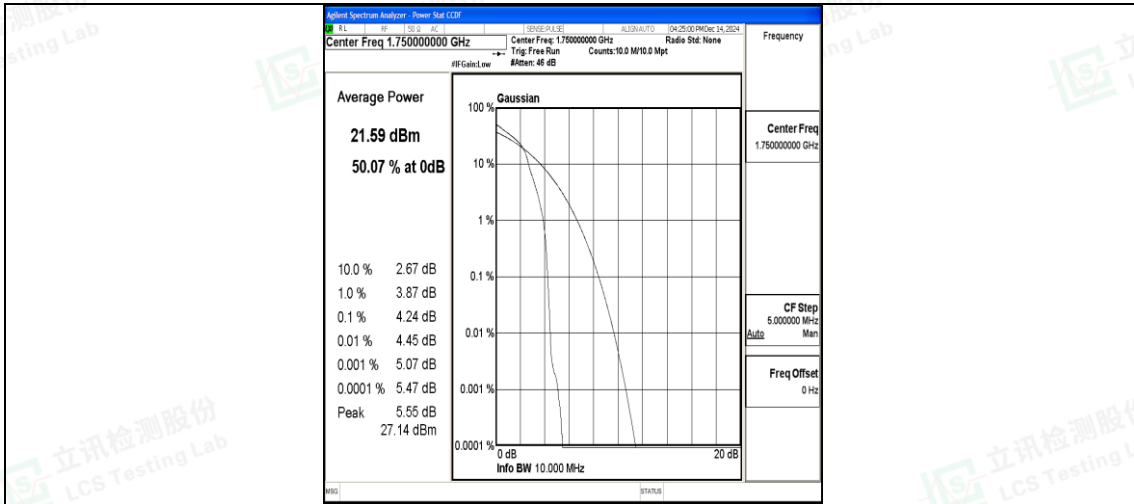


Band4-10MHz-16QAM-20175-50RB#0-PASS

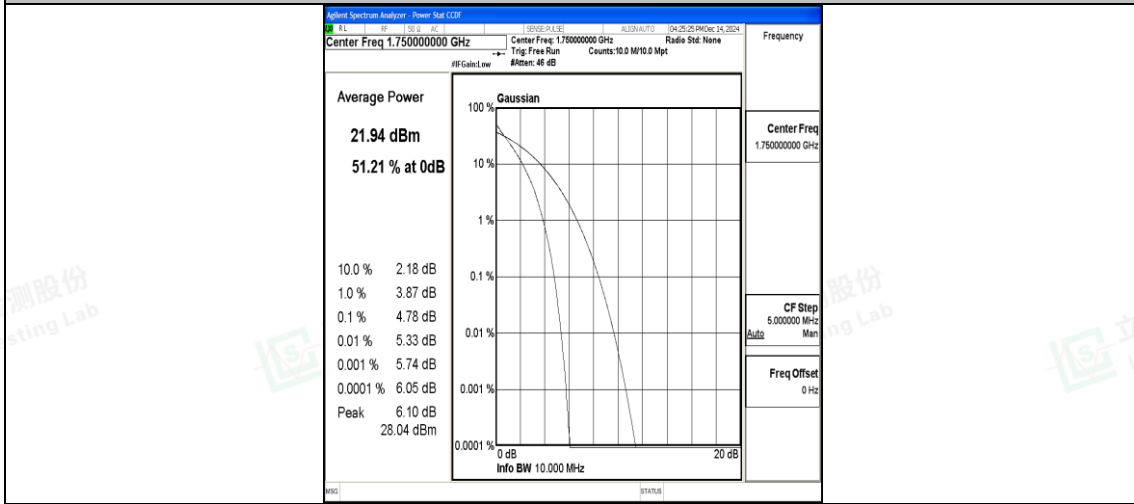


Band4-10MHz-QPSK-20350-1RB#0-PASS

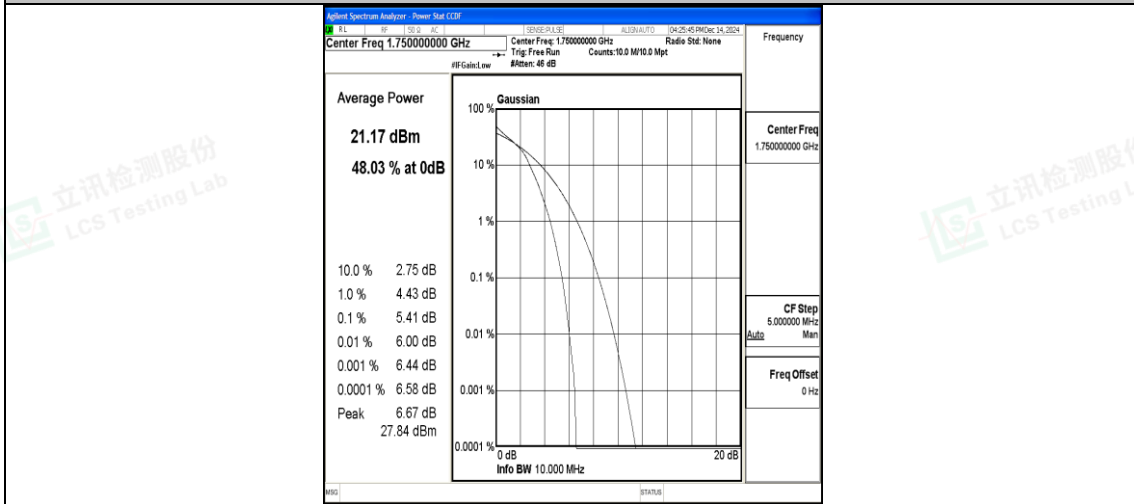




Band4-10MHz-16QAM-20350-1RB#0-PASS

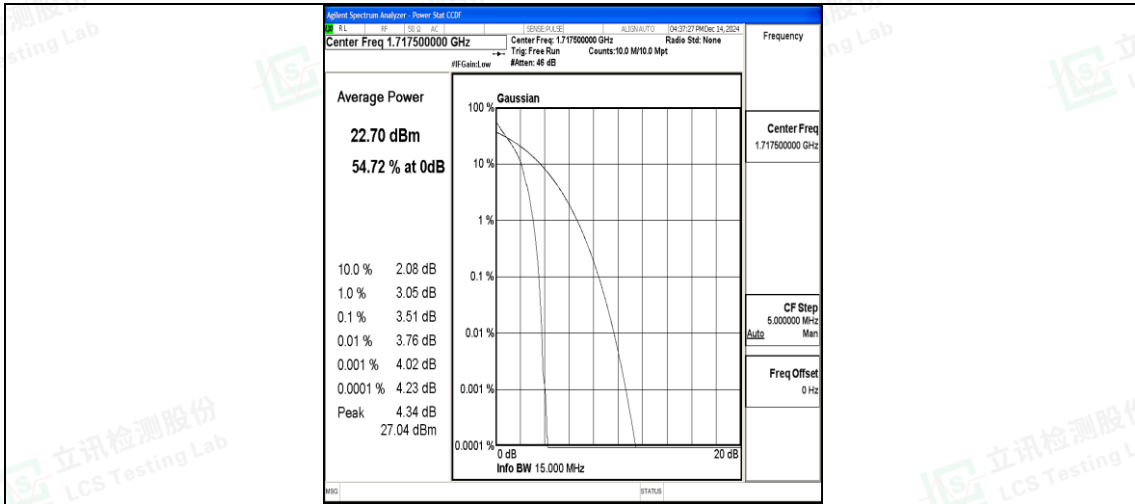


Band4-10MHz-QPSK-20350-50RB#0-PASS

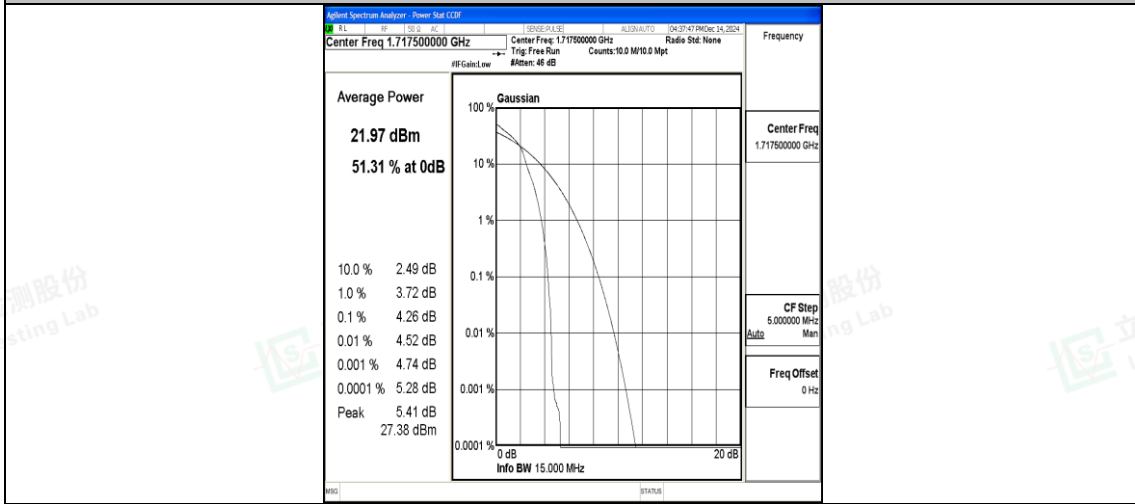


Band4-10MHz-16QAM-20350-50RB#0-PASS

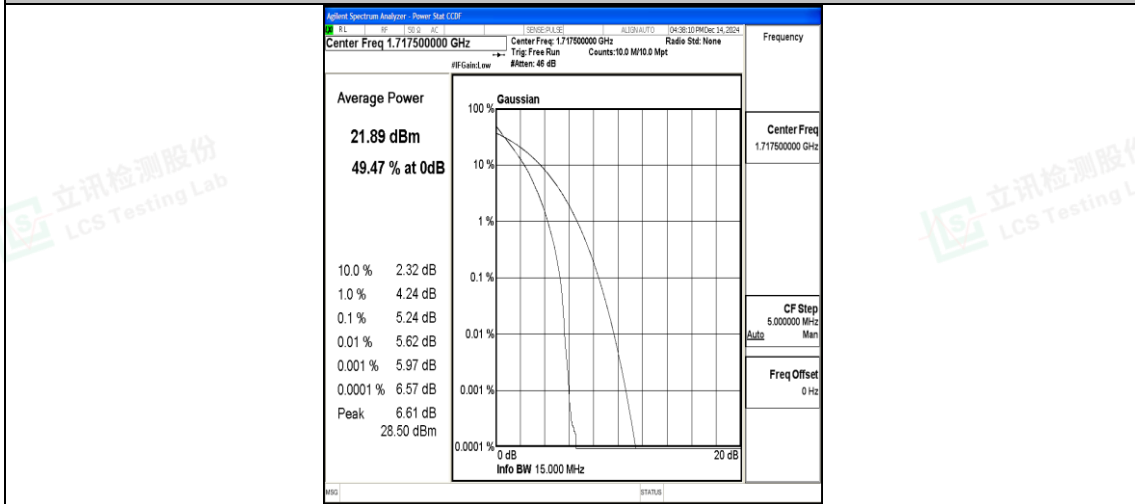




Band4-15MHz-QPSK-20025-1RB#0-PASS

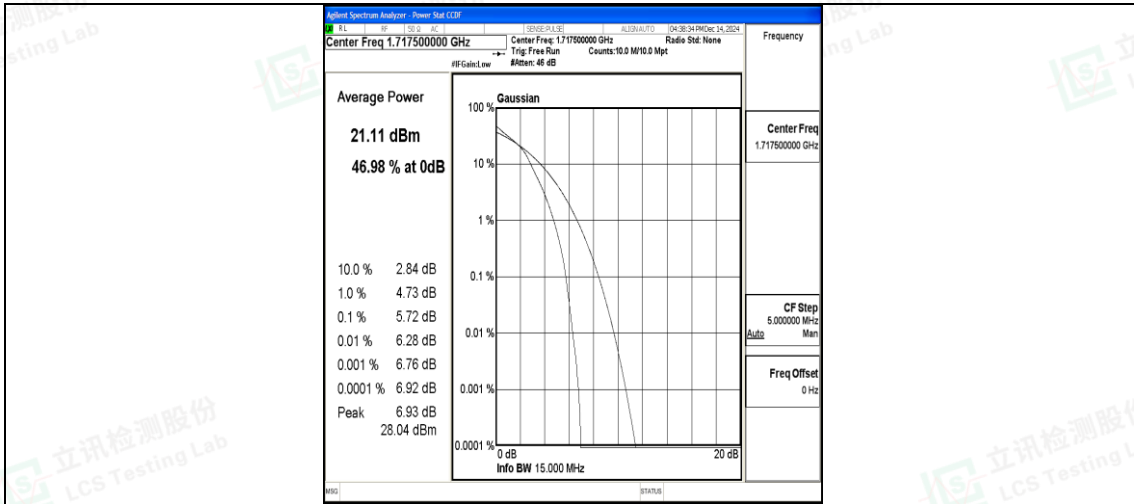


Band4-15MHz-16QAM-20025-1RB#0-PASS

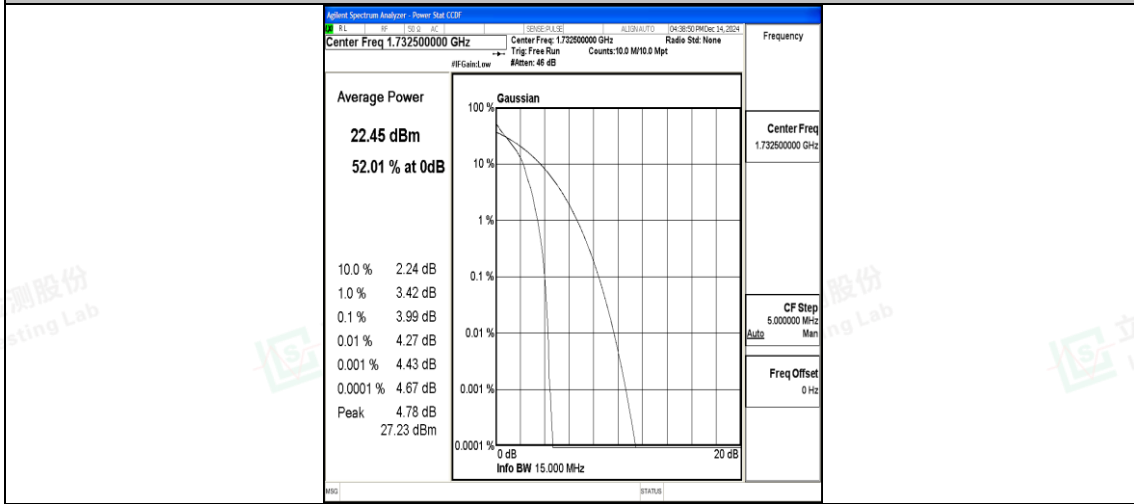


Band4-15MHz-QPSK-20025-75RB#0-PASS

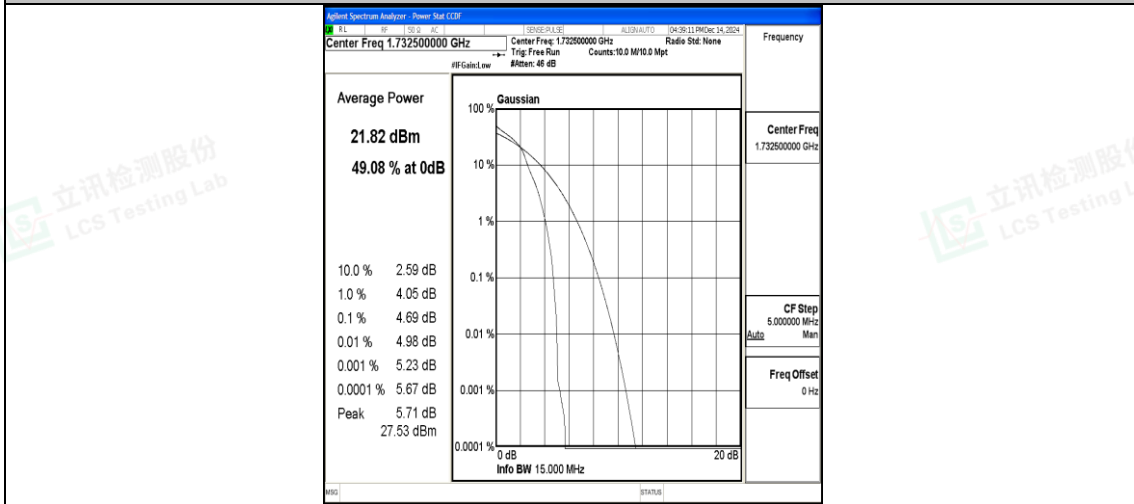




Band4-15MHz-16QAM-20025-75RB#0-PASS



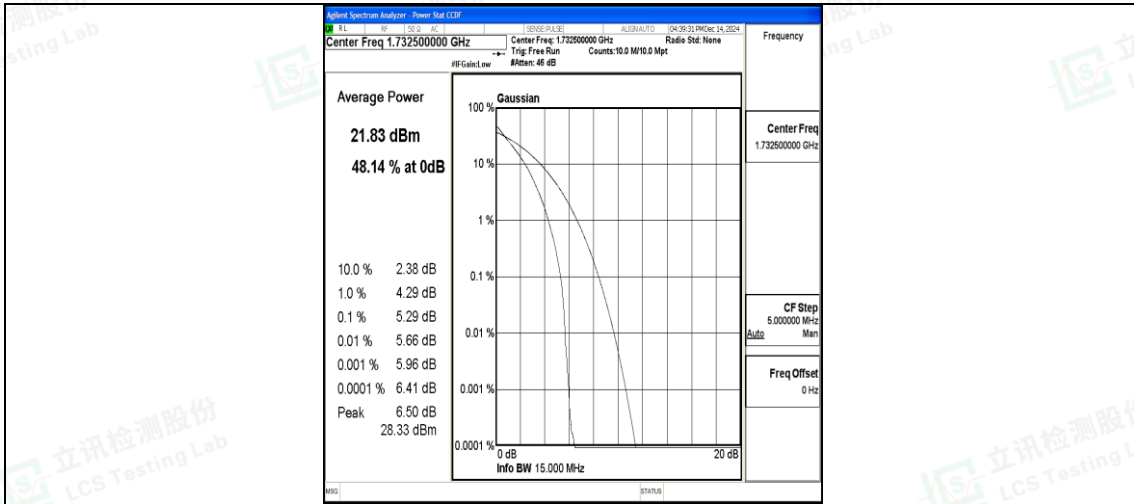
Band4-15MHz-QPSK-20175-1RB#0-PASS



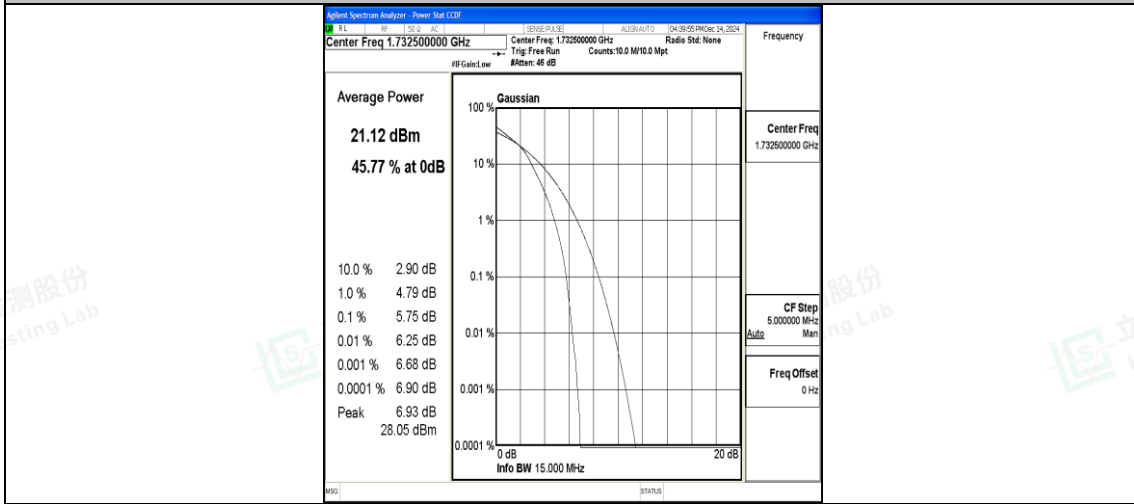
Band4-15MHz-16QAM-20175-1RB#0-PASS



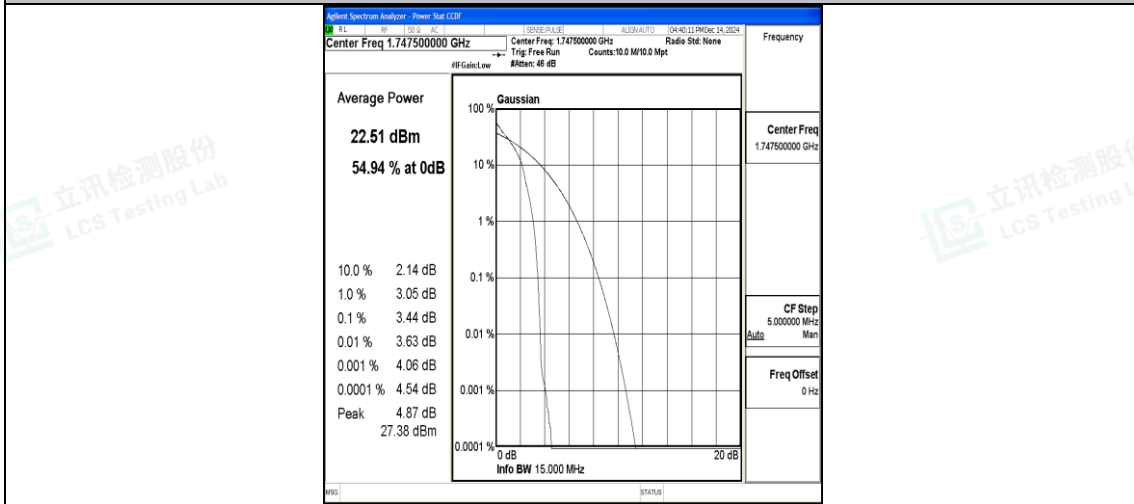




Band4-15MHz-QPSK-20175-75RB#0-PASS

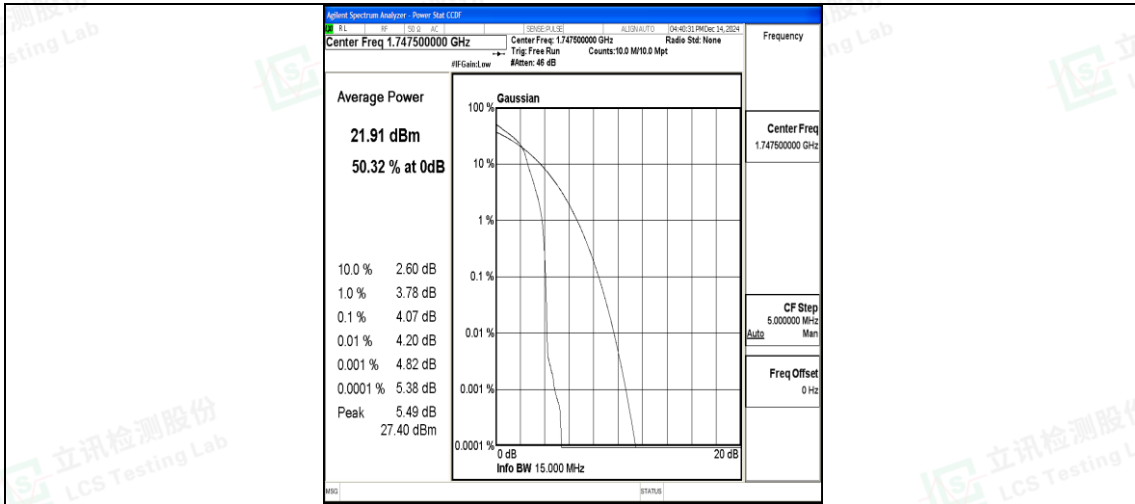


Band4-15MHz-16QAM-20175-75RB#0-PASS

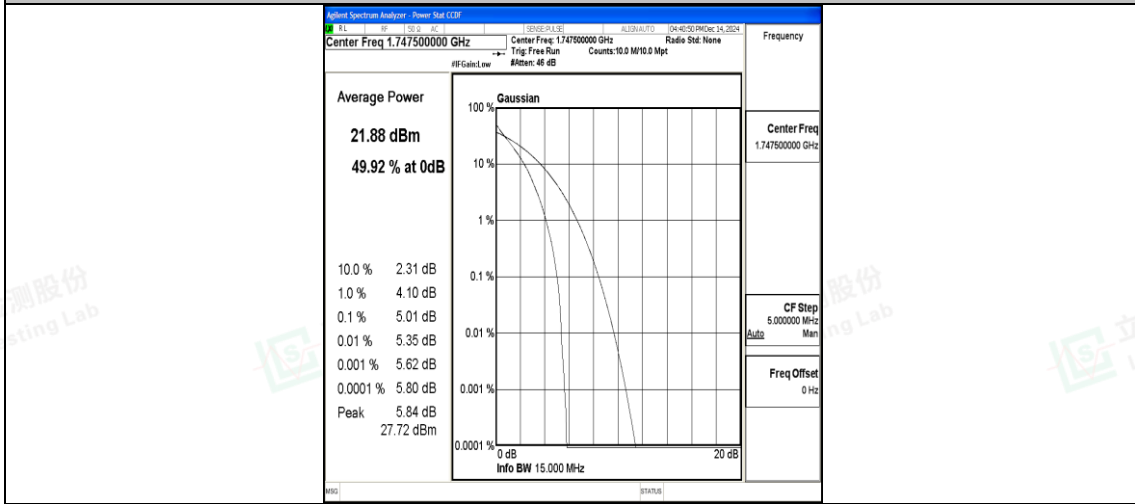


Band4-15MHz-QPSK-20325-1RB#0-PASS

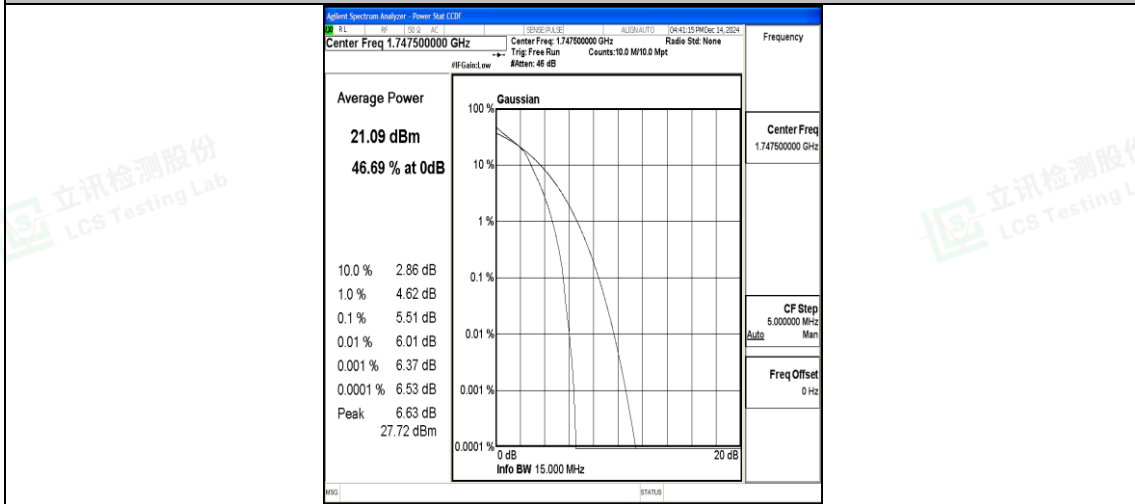




Band4-15MHz-16QAM-20325-1RB#0-PASS

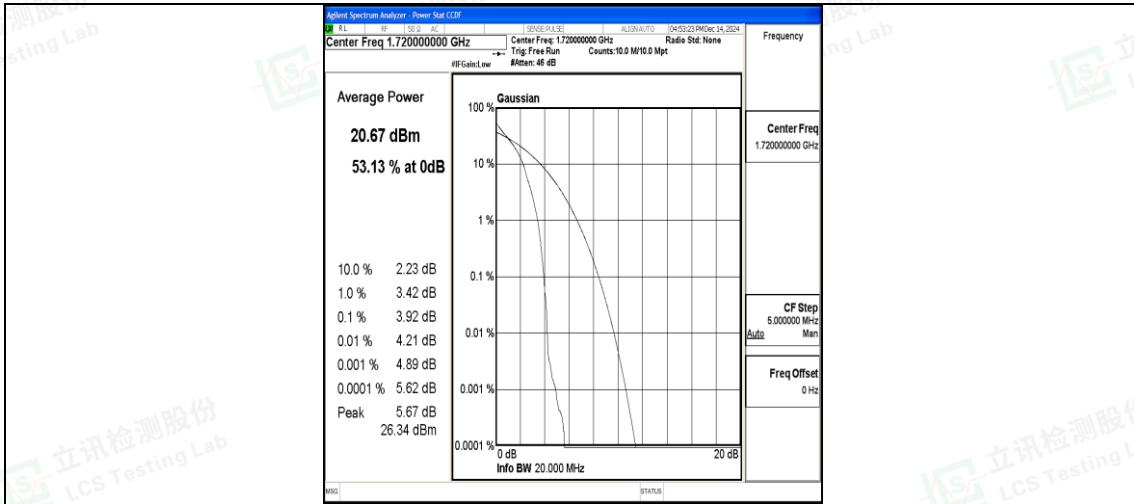


Band4-15MHz-QPSK-20325-75RB#0-PASS

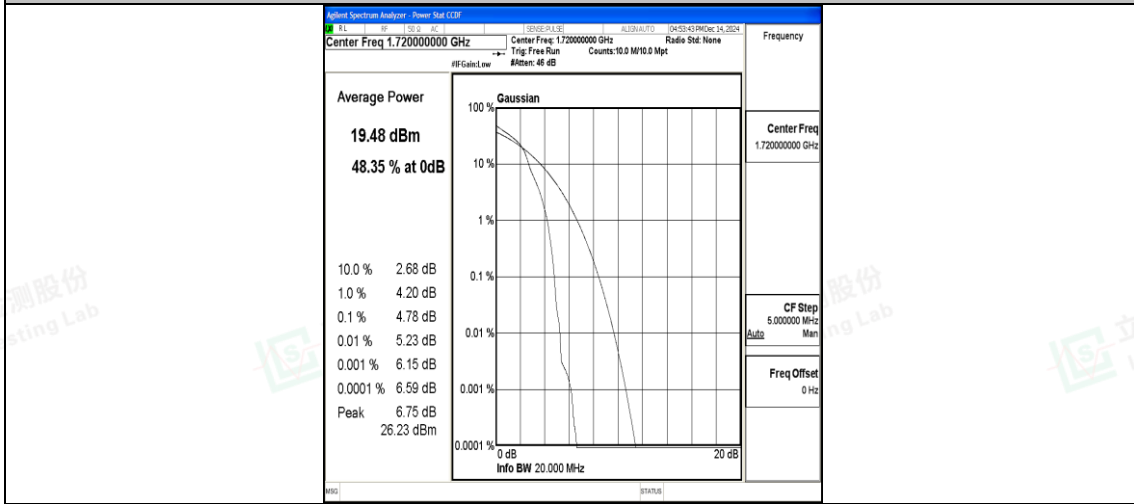


Band4-15MHz-16QAM-20325-75RB#0-PASS

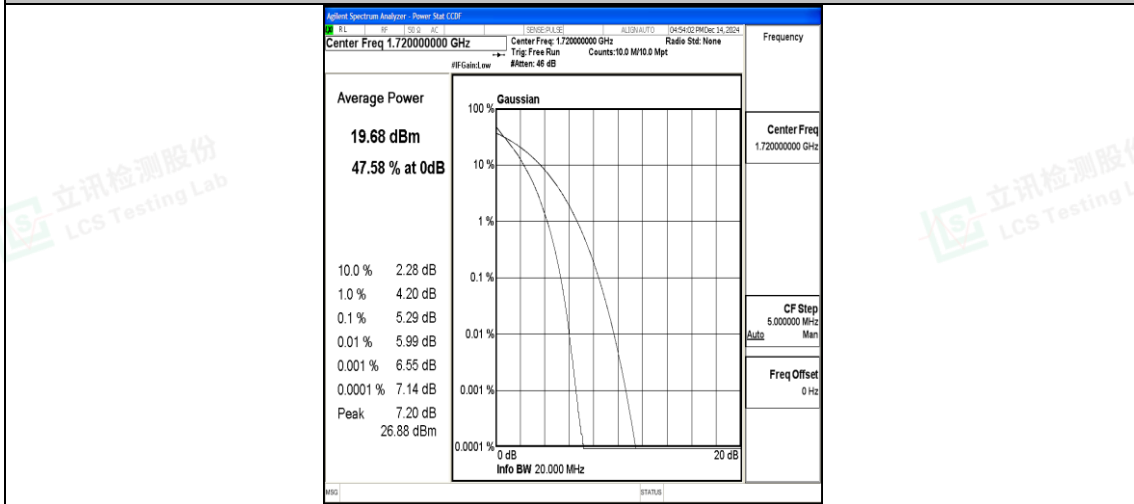




Band4-20MHz-QPSK-20050-1RB#0-PASS

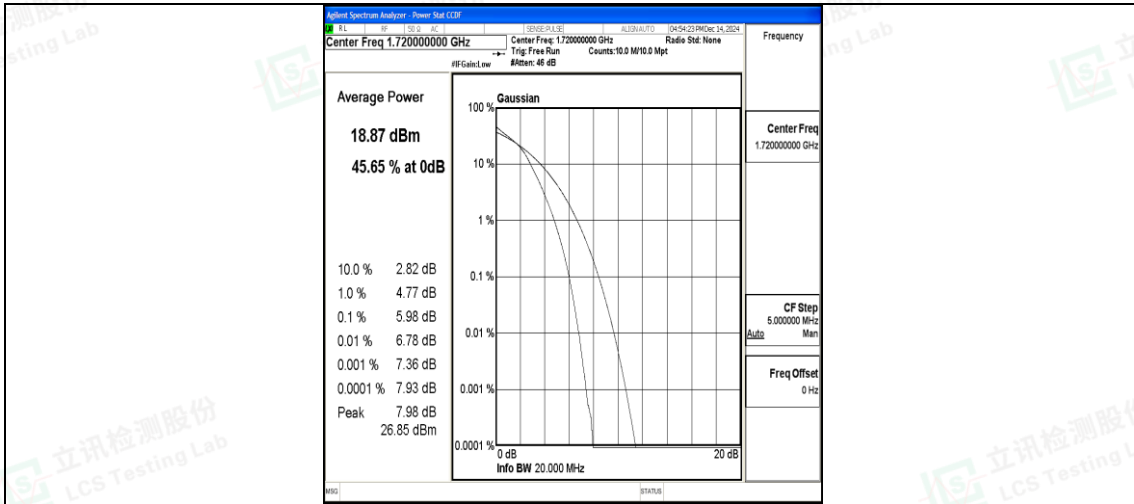


Band4-20MHz-16QAM-20050-1RB#0-PASS

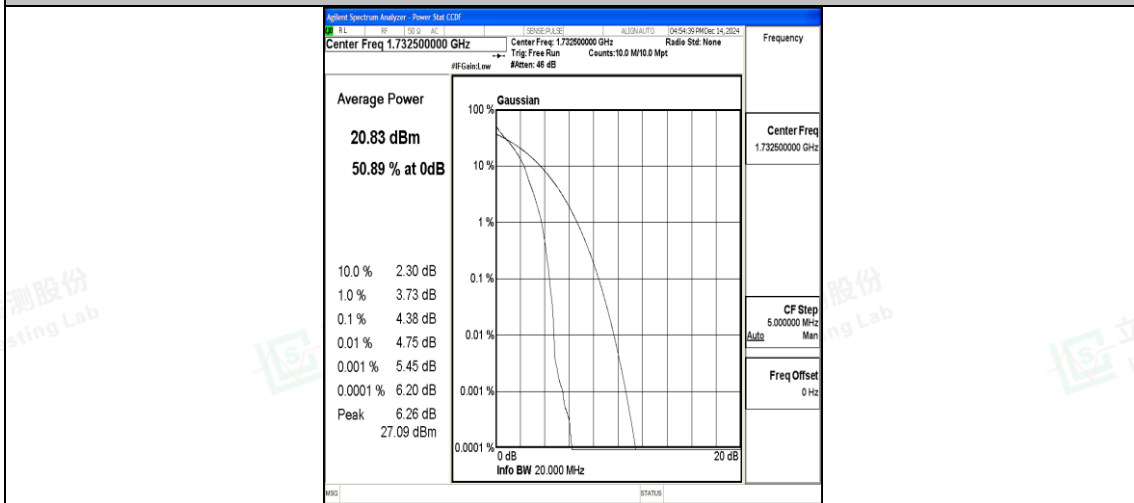


Band4-20MHz-QPSK-20050-100RB#0-PASS

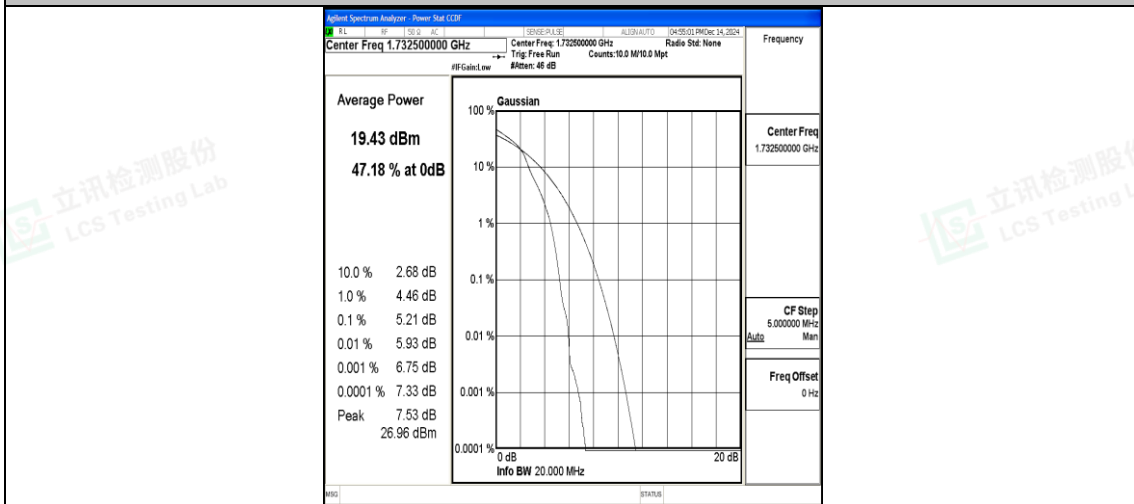




Band4-20MHz-16QAM-20050-100RB#0-PASS

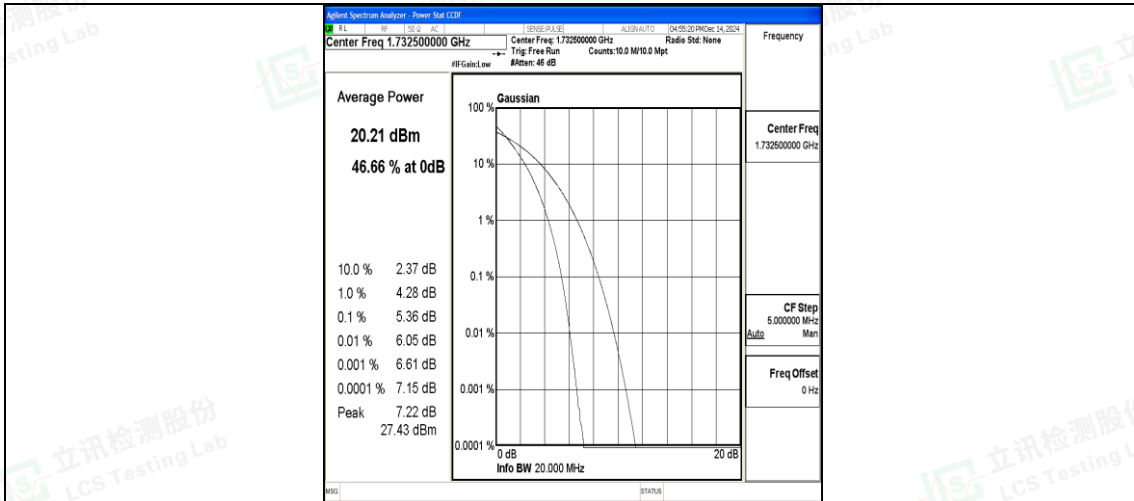


Band4-20MHz-QPSK-20175-1RB#0-PASS

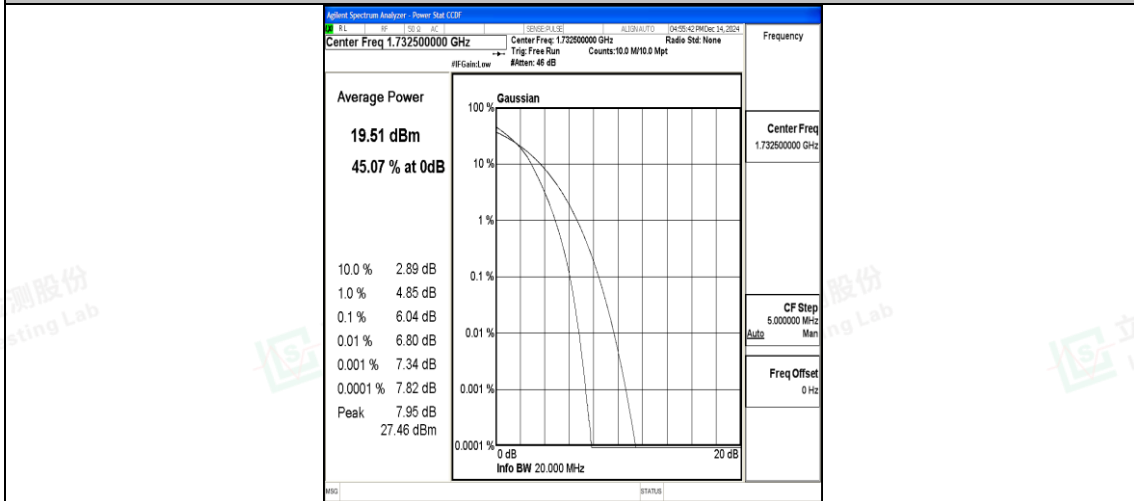


Band4-20MHz-16QAM-20175-1RB#0-PASS

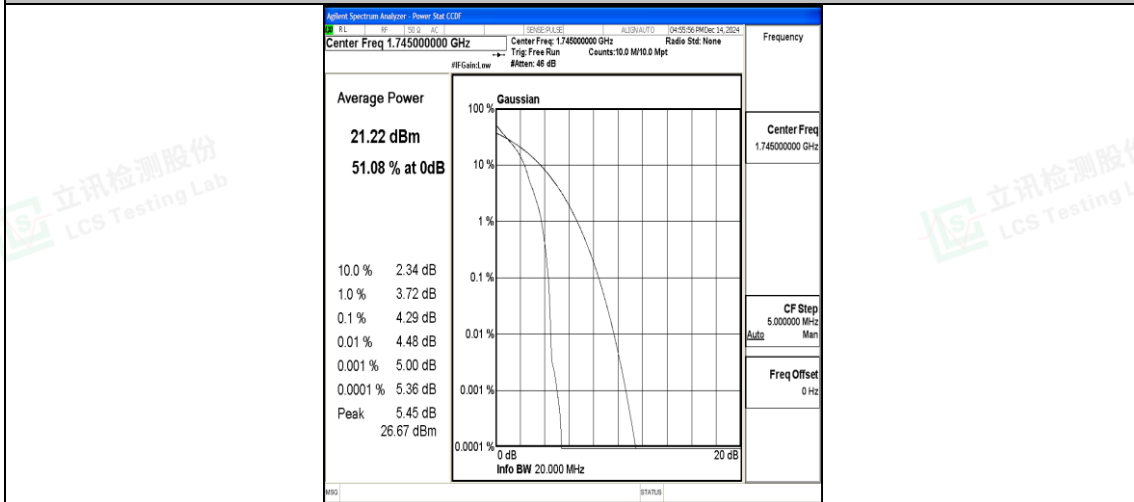




Band4-20MHz-QPSK-20175-100RB#0-PASS

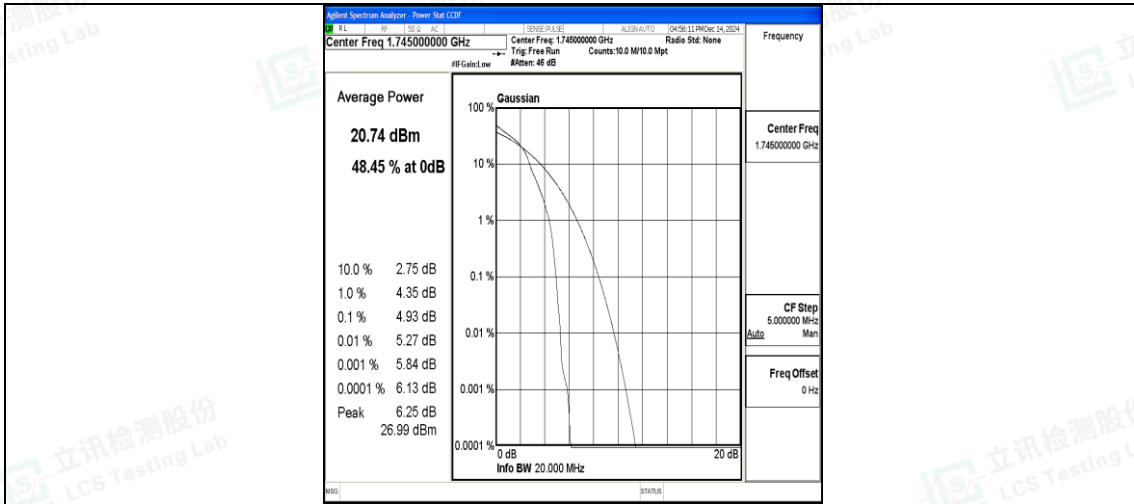


Band4-20MHz-16QAM-20175-100RB#0-PASS

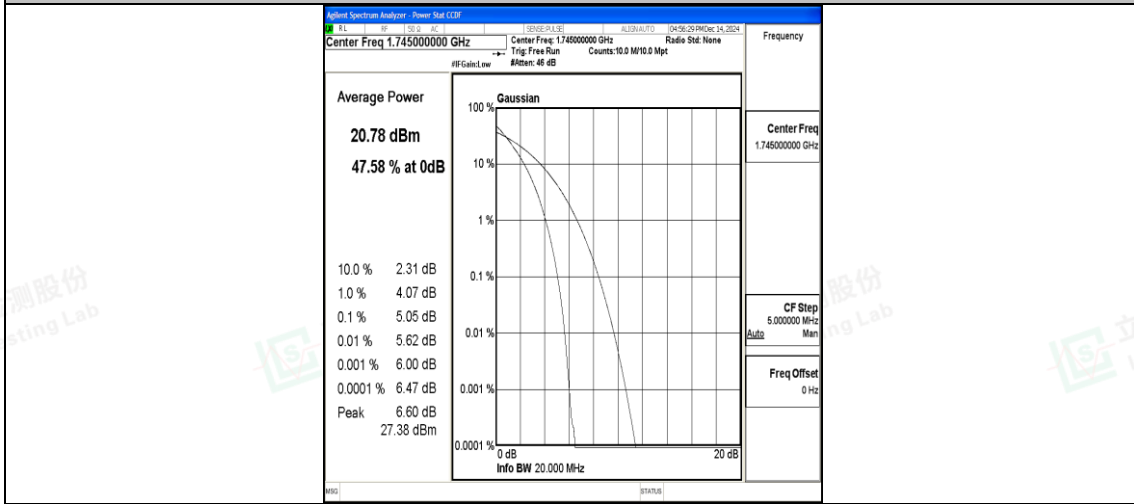


Band4-20MHz-QPSK-20300-1RB#0-PASS

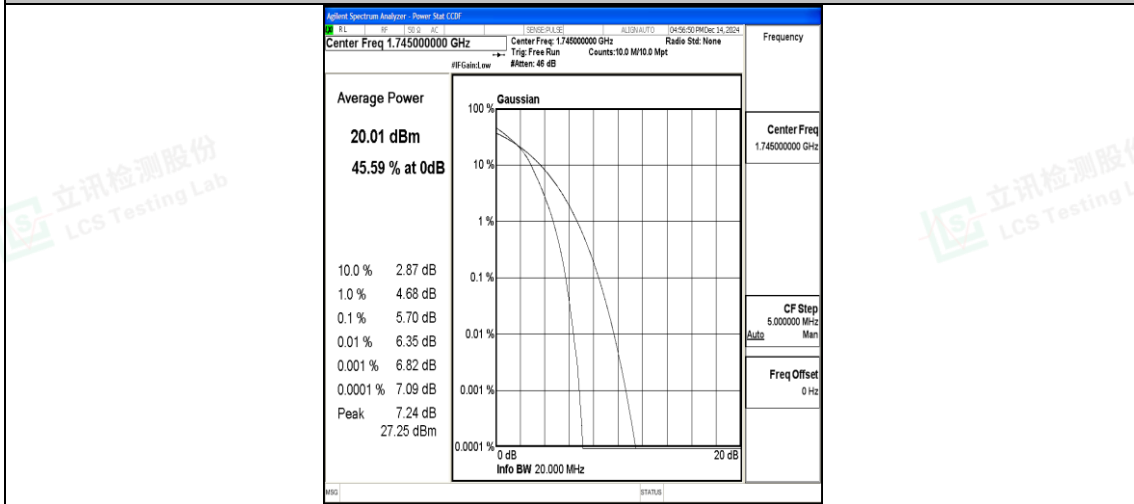




Band4-20MHz-16QAM-20300-1RB#0-PASS



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



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







### C.3 26dB Bandwidth and Occupied Bandwidth

#### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0977	1.290	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1030	1.392	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0942	1.400	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1036	1.331	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0986	1.361	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1055	1.372	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7185	3.096	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7034	3.107	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7177	3.128	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7051	3.126	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7159	3.348	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7016	3.123	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5229	5.435	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5312	5.368	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5280	5.353	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5263	5.268	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5389	5.310	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5285	5.286	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0027	10.02	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.0110	10.09	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0000	10.05	PASS
Band4	10MHz	16QAM	20175	50RB#0	9.0047	9.948	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0231	10.40	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0279	10.13	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.513	15.49	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.508	15.44	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.541	15.25	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.500	14.97	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.518	15.76	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.516	15.23	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.039	20.05	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A &amp; 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



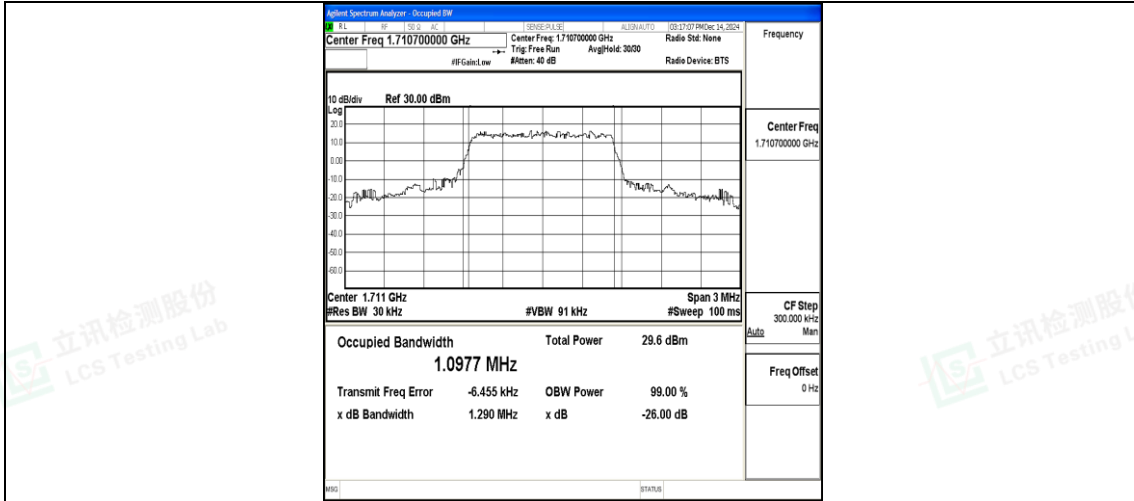
Band4	20MHz	16QAM	20050	100RB#0	18.060	20.07	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.003	19.96	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.014	19.89	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.035	20.44	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.020	20.20	PASS



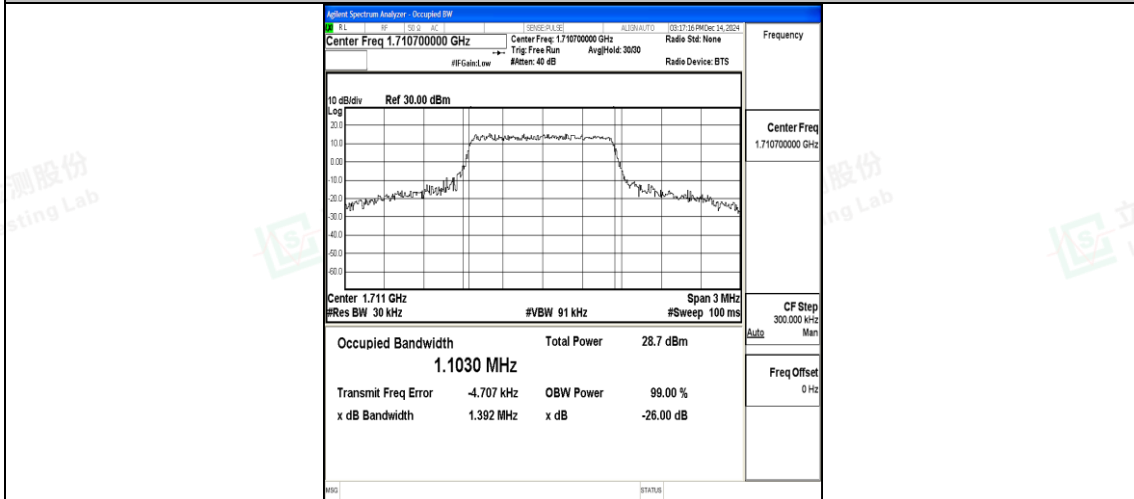
Shenzhen LCS Compliance Testing Laboratory Ltd.  
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China  
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
Scan code to check authenticity



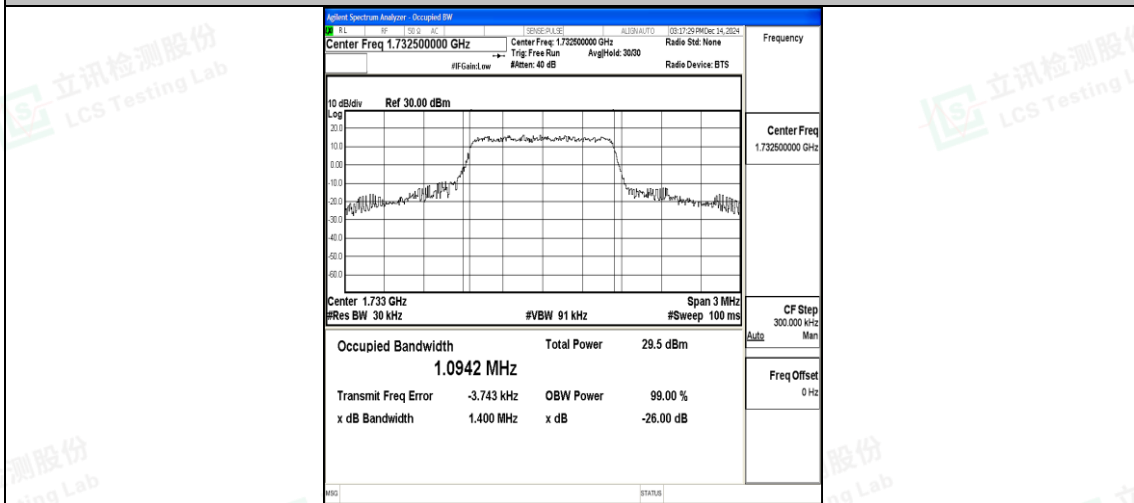
### Test Graphs



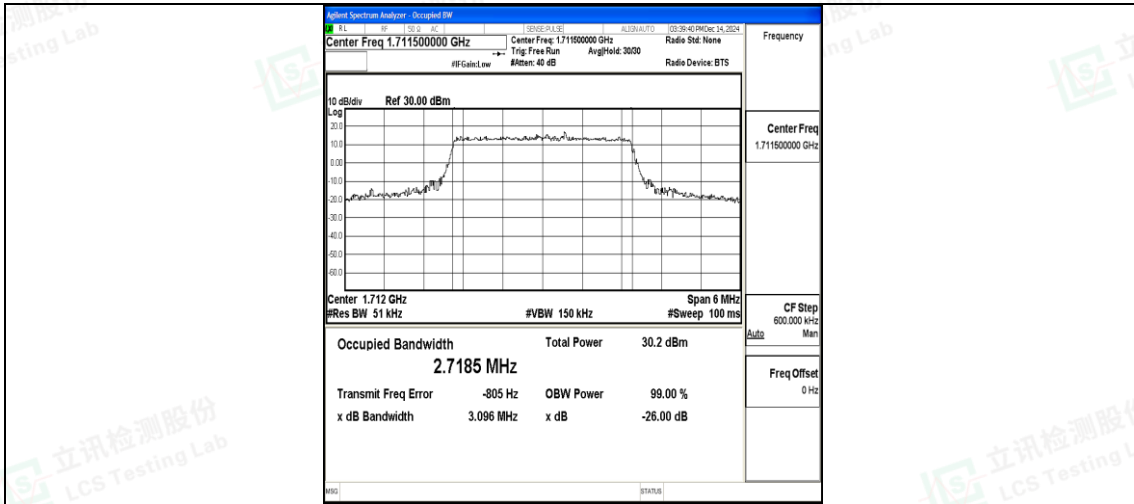
Band4-1.4MHz-QPSK-19957-6RB#0-PASS



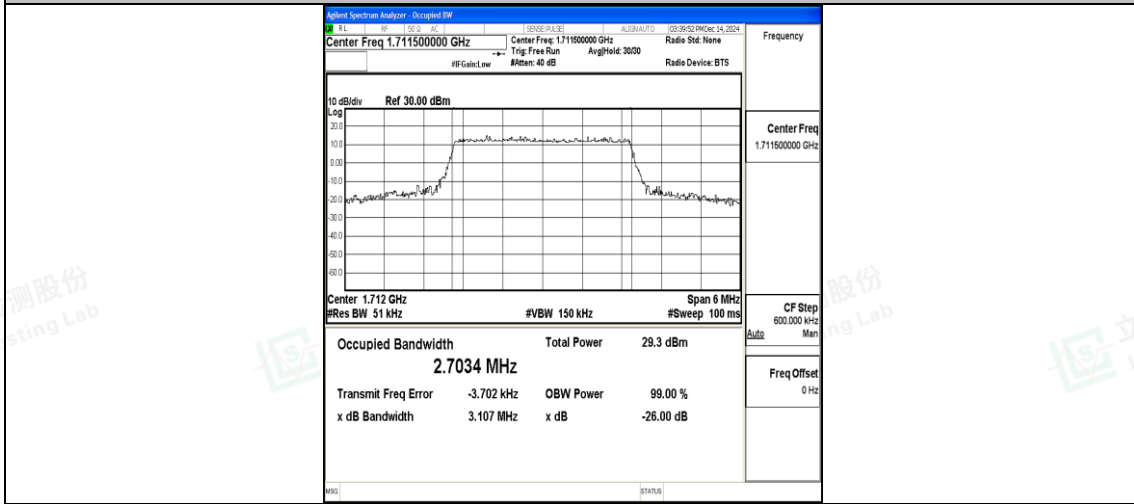
Band4-1.4MHz-16QAM-19957-6RB#0-PASS



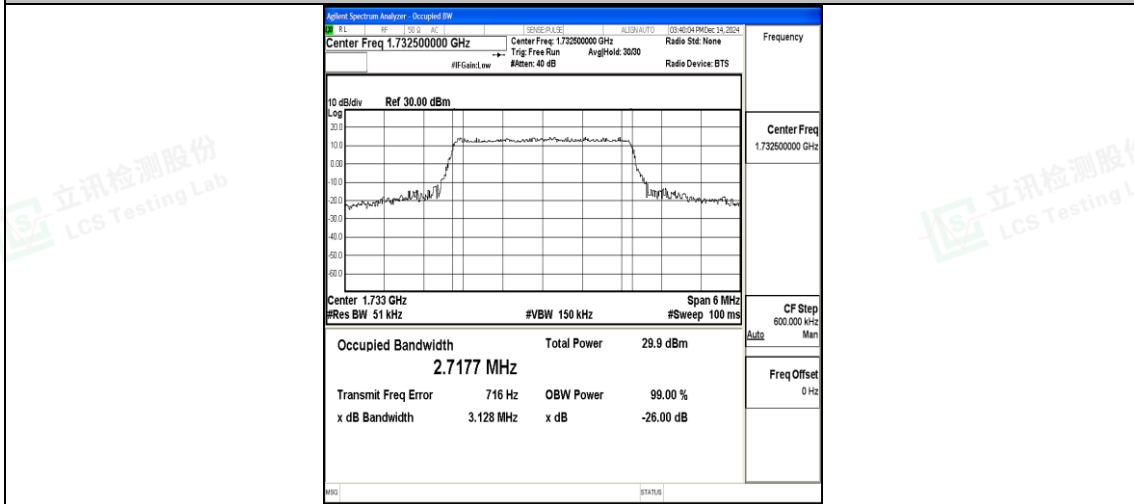




Band4-3MHz-QPSK-19965-15RB#0-PASS

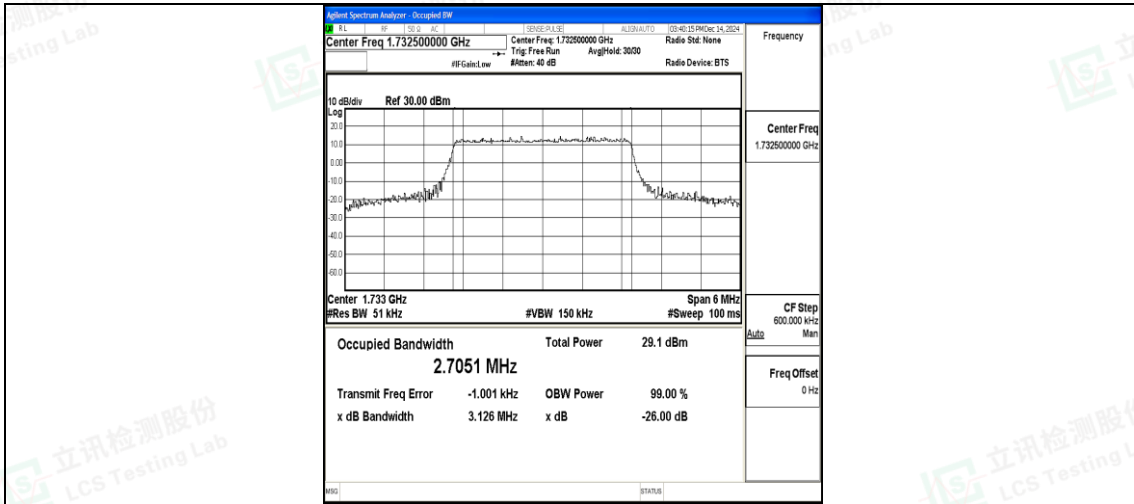


Band4-3MHz-16QAM-19965-15RB#0-PASS

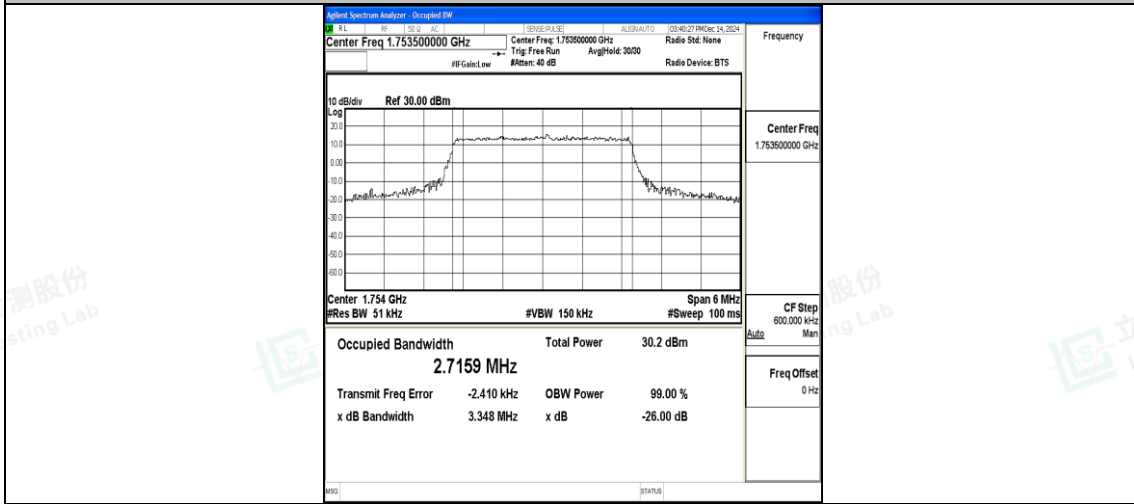


Band4-3MHz-QPSK-20175-15RB#0-PASS

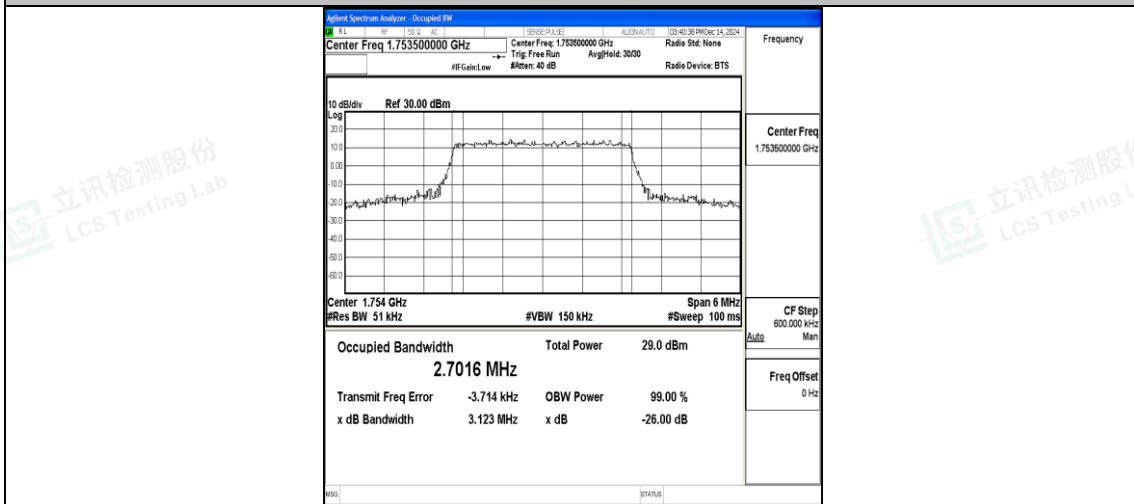




Band4-3MHz-16QAM-20175-15RB#0-PASS



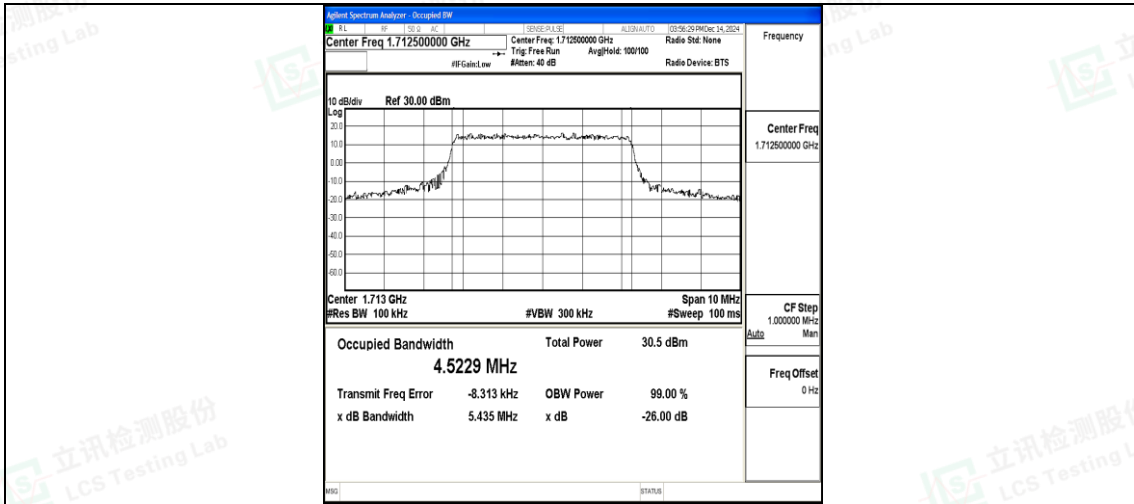
Band4-3MHz-QPSK-20385-15RB#0-PASS



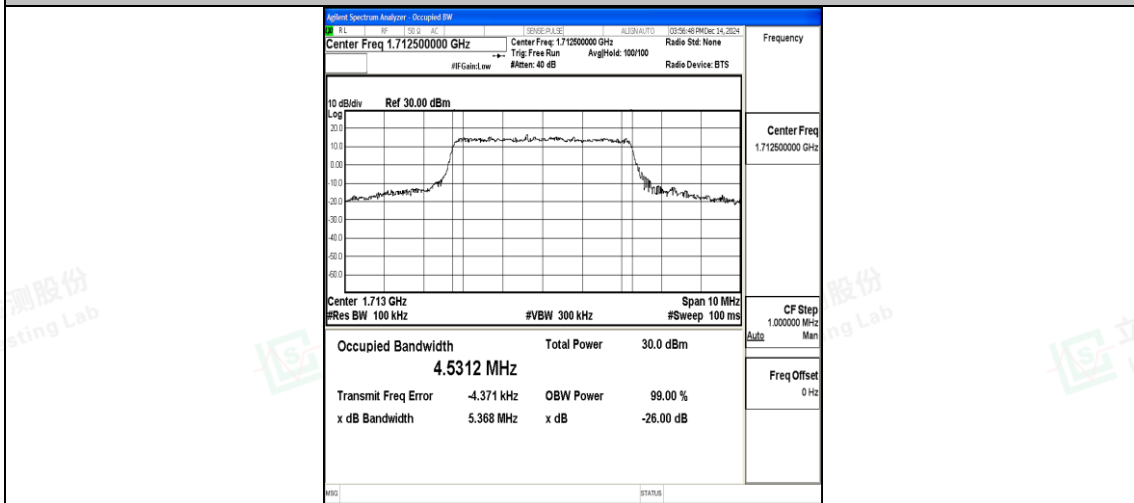
Band4-3MHz-16QAM-20385-15RB#0-PASS



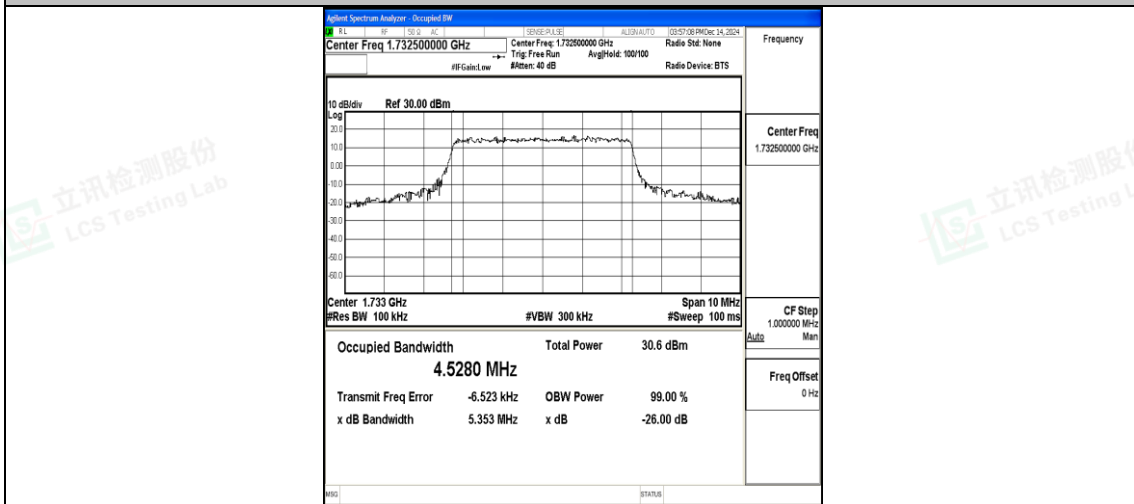




Band4-5MHz-QPSK-19975-25RB#0-PASS

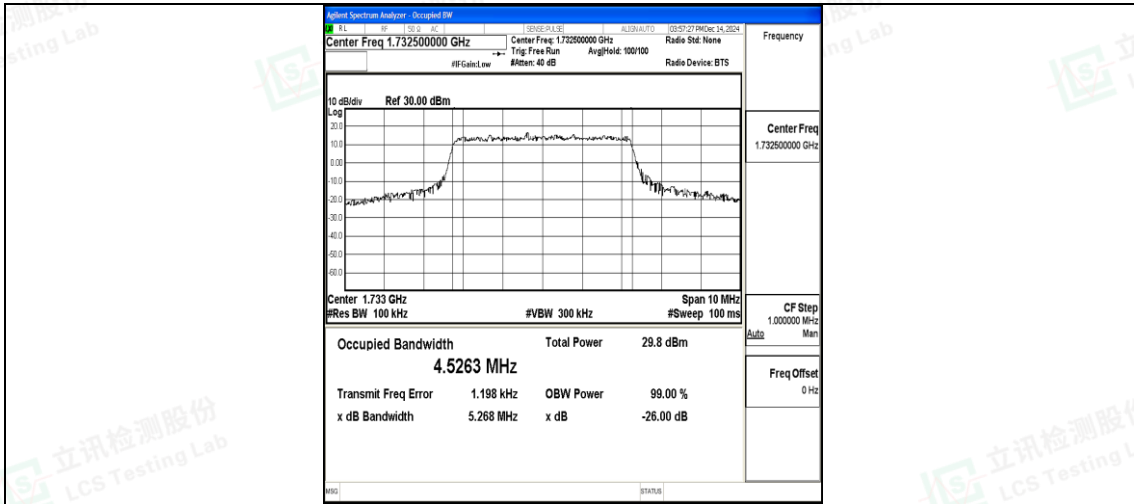


Band4-5MHz-16QAM-19975-25RB#0-PASS

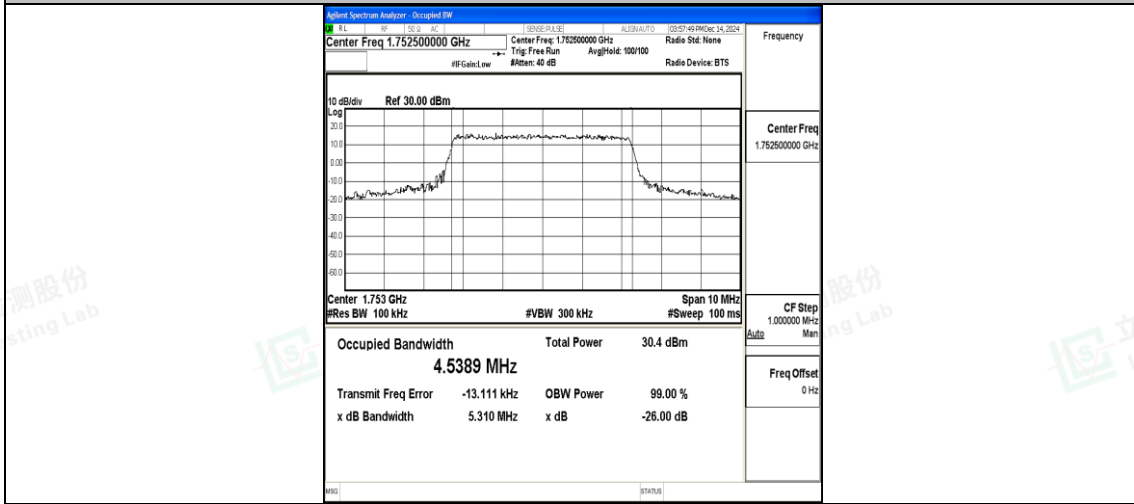


Band4-5MHz-QPSK-20175-25RB#0-PASS

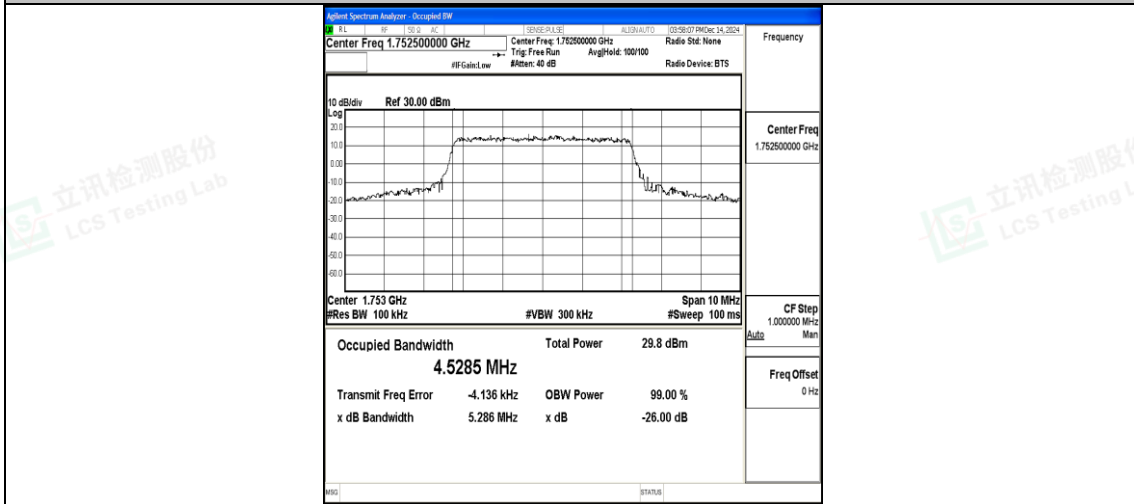




Band4-5MHz-16QAM-20175-25RB#0-PASS

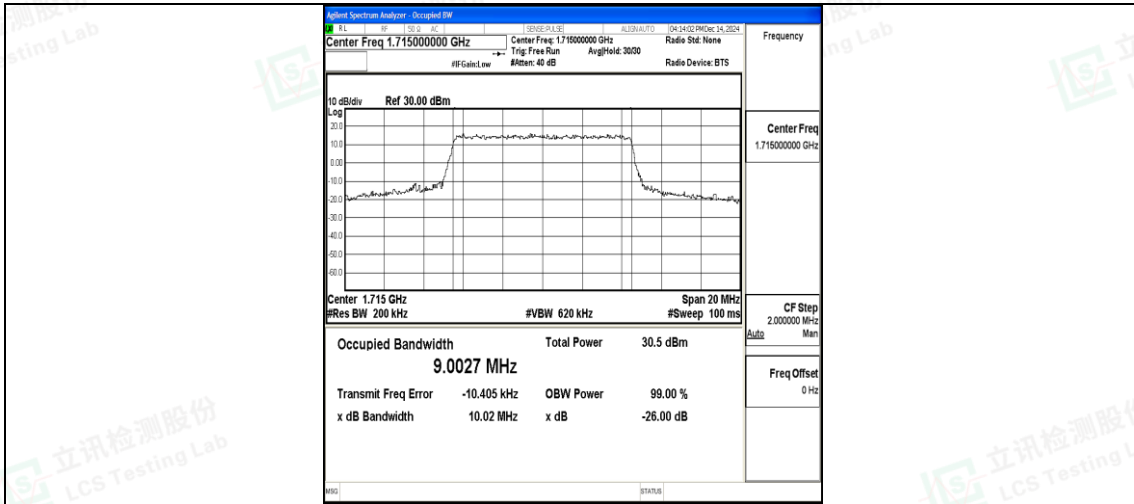


Band4-5MHz-QPSK-20375-25RB#0-PASS

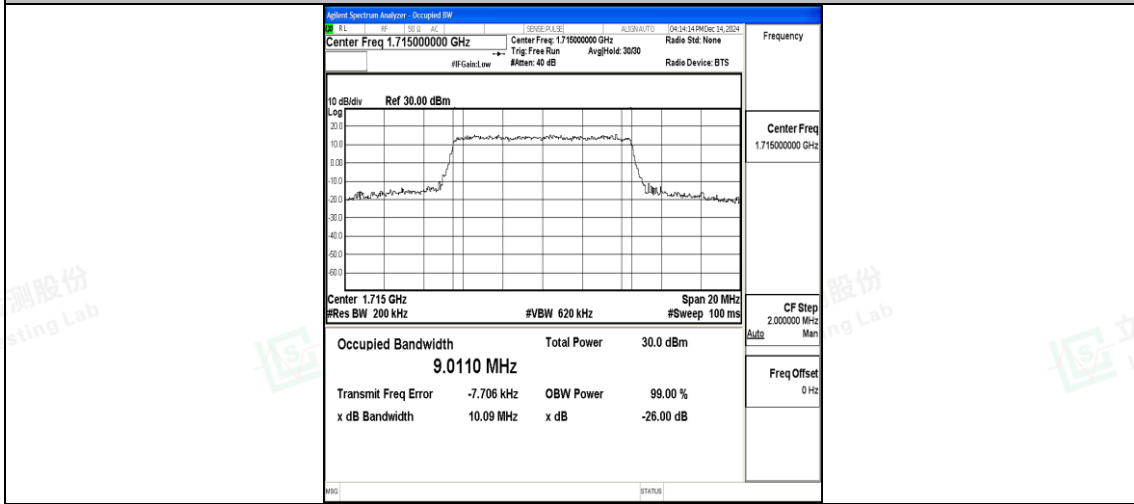


Band4-5MHz-16QAM-20375-25RB#0-PASS

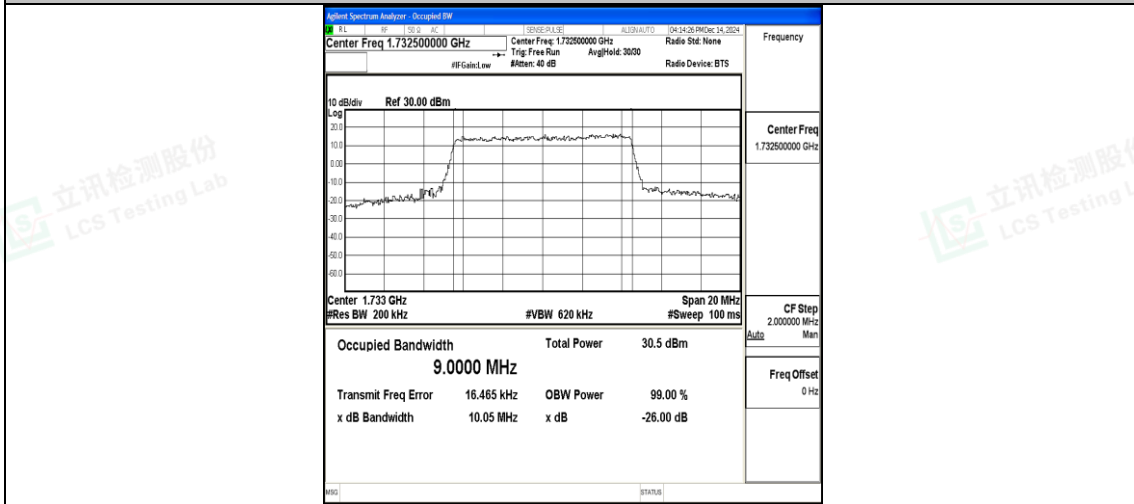




Band4-10MHz-QPSK-20000-50RB#0-PASS

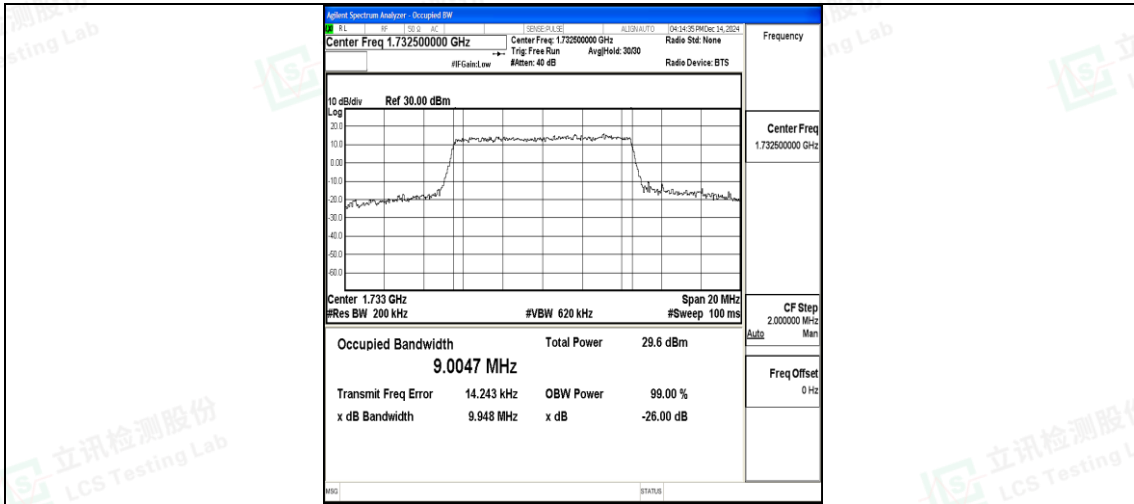


Band4-10MHz-16QAM-20000-50RB#0-PASS

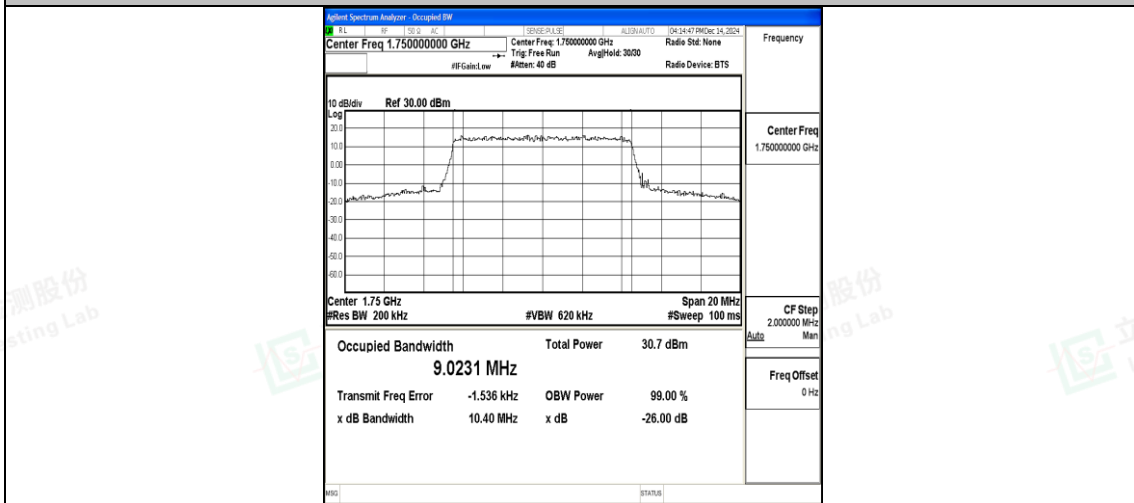


Band4-10MHz-QPSK-20175-50RB#0-PASS

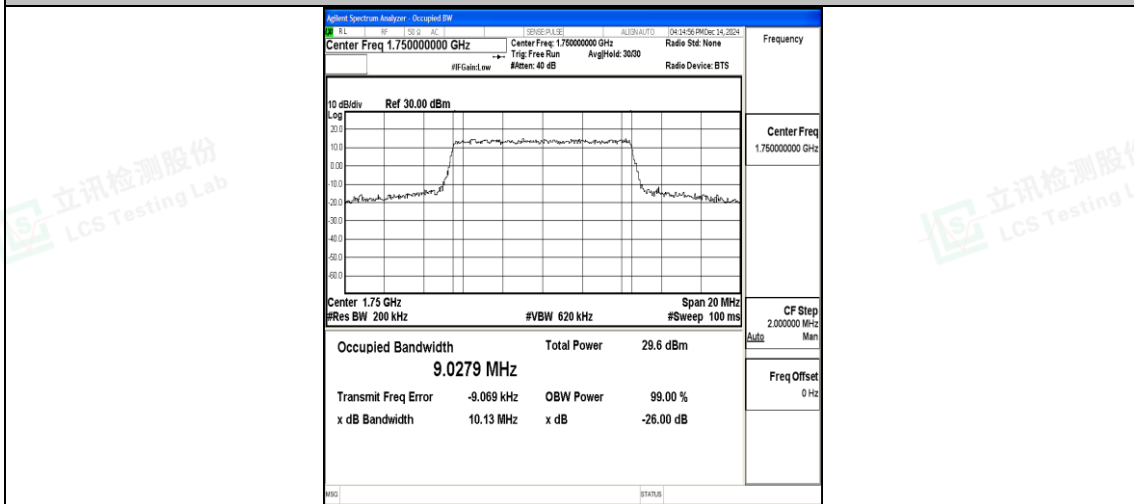




Band4-10MHz-16QAM-20175-50RB#0-PASS

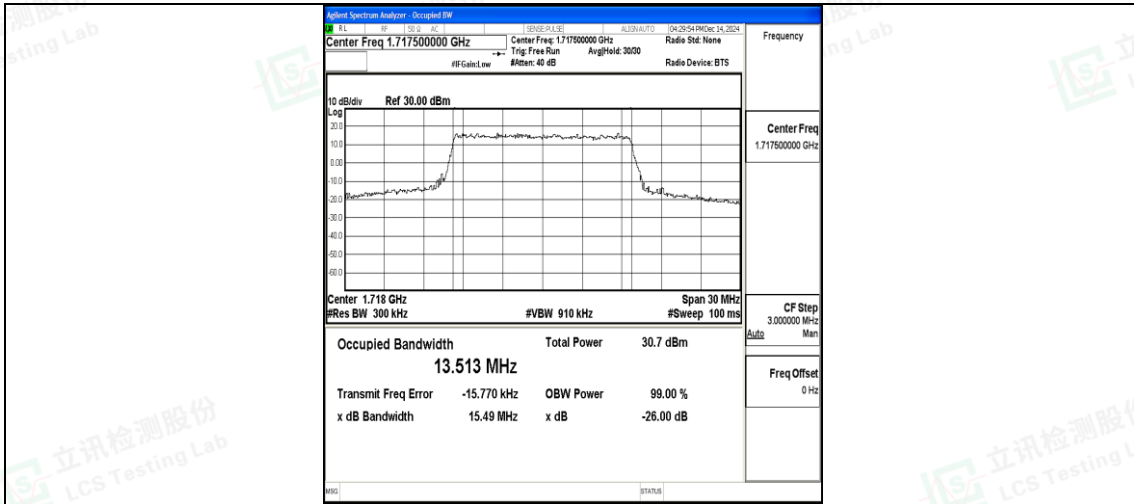


Band4-10MHz-QPSK-20350-50RB#0-PASS

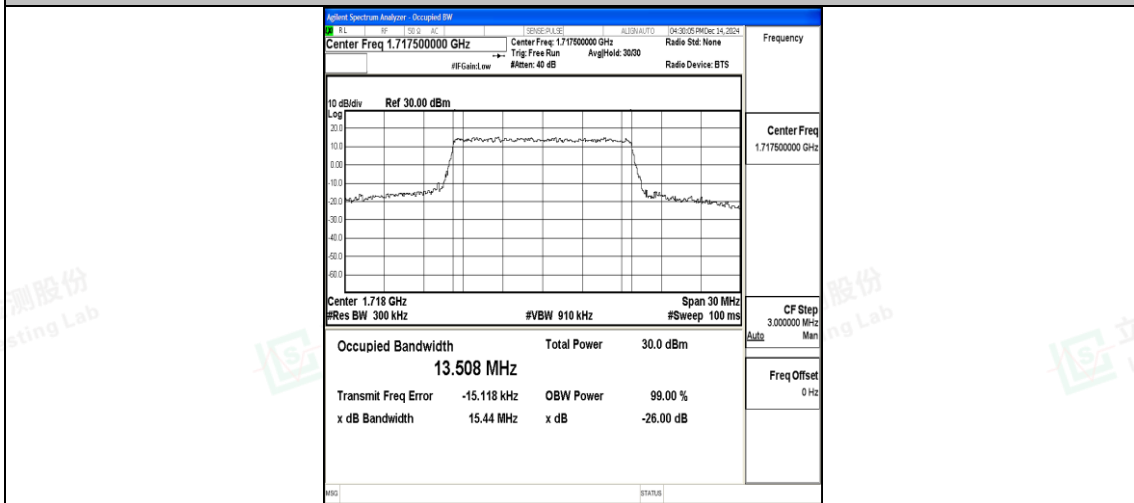


Band4-10MHz-16QAM-20350-50RB#0-PASS

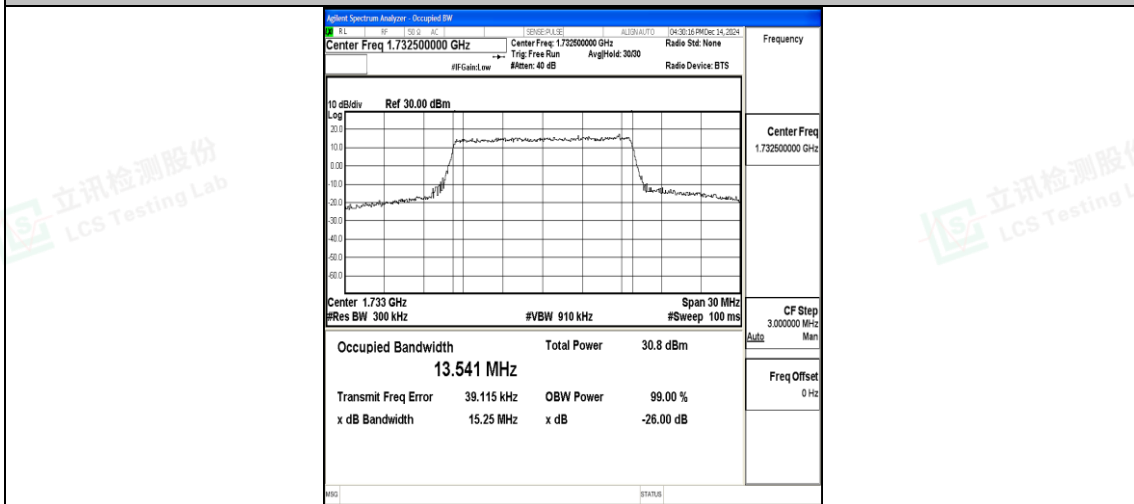




Band4-15MHz-QPSK-20025-75RB#0-PASS



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



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

