



Appendix F: Test Data for E-UTRA Band 2

Product Name: Puya

Test Model: HPPAP39

Environmental Conditions

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





F.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	21.88	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	21.99	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	21.86	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.03	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	22.07	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.06	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	22.15	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	20.83	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	22.10	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	20.74	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	22.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	20.86	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	21.01	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	20.45	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	22.07	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	21.45	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	22.24	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	21.57	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	22.24	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	21.56	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	22.17	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	21.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	22.15	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	21.02	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	22.16	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	21.04	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	21.21	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	20.32	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	22.13	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	21.60	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	22.13	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	21.58	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	22.07	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.04	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	22.14	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	21.00	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



Band2	1.4MHz	QPSK	19193	3RB#1	22.13	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	21.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	22.15	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	20.94	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	21.15	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	20.58	PASS
Band2	3MHz	QPSK	18615	1RB#0	22.09	PASS
Band2	3MHz	16QAM	18615	1RB#0	21.11	PASS
Band2	3MHz	QPSK	18615	1RB#8	22.19	PASS
Band2	3MHz	16QAM	18615	1RB#8	21.21	PASS
Band2	3MHz	QPSK	18615	1RB#14	22.11	PASS
Band2	3MHz	16QAM	18615	1RB#14	21.07	PASS
Band2	3MHz	QPSK	18615	8RB#0	21.18	PASS
Band2	3MHz	16QAM	18615	8RB#0	20.56	PASS
Band2	3MHz	QPSK	18615	8RB#4	21.18	PASS
Band2	3MHz	16QAM	18615	8RB#4	20.59	PASS
Band2	3MHz	QPSK	18615	8RB#7	21.10	PASS
Band2	3MHz	16QAM	18615	8RB#7	20.39	PASS
Band2	3MHz	QPSK	18615	15RB#0	21.25	PASS
Band2	3MHz	16QAM	18615	15RB#0	20.42	PASS
Band2	3MHz	QPSK	18900	1RB#0	22.25	PASS
Band2	3MHz	16QAM	18900	1RB#0	20.93	PASS
Band2	3MHz	QPSK	18900	1RB#8	22.27	PASS
Band2	3MHz	16QAM	18900	1RB#8	21.16	PASS
Band2	3MHz	QPSK	18900	1RB#14	22.25	PASS
Band2	3MHz	16QAM	18900	1RB#14	21.19	PASS
Band2	3MHz	QPSK	18900	8RB#0	21.28	PASS
Band2	3MHz	16QAM	18900	8RB#0	20.62	PASS
Band2	3MHz	QPSK	18900	8RB#4	21.28	PASS
Band2	3MHz	16QAM	18900	8RB#4	20.57	PASS
Band2	3MHz	QPSK	18900	8RB#7	21.42	PASS
Band2	3MHz	16QAM	18900	8RB#7	20.56	PASS
Band2	3MHz	QPSK	18900	15RB#0	21.28	PASS
Band2	3MHz	16QAM	18900	15RB#0	20.47	PASS
Band2	3MHz	QPSK	19185	1RB#0	22.18	PASS
Band2	3MHz	16QAM	19185	1RB#0	21.13	PASS
Band2	3MHz	QPSK	19185	1RB#8	22.18	PASS
Band2	3MHz	16QAM	19185	1RB#8	21.19	PASS
Band2	3MHz	QPSK	19185	1RB#14	22.19	PASS
Band2	3MHz	16QAM	19185	1RB#14	21.23	PASS





Band2	3MHz	QPSK	19185	8RB#0	21.28	PASS
Band2	3MHz	16QAM	19185	8RB#0	20.54	PASS
Band2	3MHz	QPSK	19185	8RB#4	21.26	PASS
Band2	3MHz	16QAM	19185	8RB#4	20.54	PASS
Band2	3MHz	QPSK	19185	8RB#7	21.27	PASS
Band2	3MHz	16QAM	19185	8RB#7	20.58	PASS
Band2	3MHz	QPSK	19185	15RB#0	21.26	PASS
Band2	3MHz	16QAM	19185	15RB#0	20.43	PASS
Band2	5MHz	QPSK	18625	1RB#0	22.26	PASS
Band2	5MHz	16QAM	18625	1RB#0	20.71	PASS
Band2	5MHz	QPSK	18625	1RB#12	22.19	PASS
Band2	5MHz	16QAM	18625	1RB#12	20.68	PASS
Band2	5MHz	QPSK	18625	1RB#24	22.25	PASS
Band2	5MHz	16QAM	18625	1RB#24	20.63	PASS
Band2	5MHz	QPSK	18625	12RB#0	21.29	PASS
Band2	5MHz	16QAM	18625	12RB#0	20.53	PASS
Band2	5MHz	QPSK	18625	12RB#6	21.29	PASS
Band2	5MHz	16QAM	18625	12RB#6	20.55	PASS
Band2	5MHz	QPSK	18625	12RB#13	21.19	PASS
Band2	5MHz	16QAM	18625	12RB#13	20.41	PASS
Band2	5MHz	QPSK	18625	25RB#0	21.22	PASS
Band2	5MHz	16QAM	18625	25RB#0	20.50	PASS
Band2	5MHz	QPSK	18900	1RB#0	22.30	PASS
Band2	5MHz	16QAM	18900	1RB#0	20.70	PASS
Band2	5MHz	QPSK	18900	1RB#12	22.35	PASS
Band2	5MHz	16QAM	18900	1RB#12	20.80	PASS
Band2	5MHz	QPSK	18900	1RB#24	22.29	PASS
Band2	5MHz	16QAM	18900	1RB#24	20.75	PASS
Band2	5MHz	QPSK	18900	12RB#0	21.31	PASS
Band2	5MHz	16QAM	18900	12RB#0	20.42	PASS
Band2	5MHz	QPSK	18900	12RB#6	21.30	PASS
Band2	5MHz	16QAM	18900	12RB#6	20.42	PASS
Band2	5MHz	QPSK	18900	12RB#13	21.42	PASS
Band2	5MHz	16QAM	18900	12RB#13	20.52	PASS
Band2	5MHz	QPSK	18900	25RB#0	21.42	PASS
Band2	5MHz	16QAM	18900	25RB#0	20.68	PASS
Band2	5MHz	QPSK	19175	1RB#0	22.18	PASS
Band2	5MHz	16QAM	19175	1RB#0	20.74	PASS
Band2	5MHz	QPSK	19175	1RB#12	22.29	PASS
Band2	5MHz	16QAM	19175	1RB#12	20.76	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



Band2	5MHz	QPSK	19175	1RB#24	22.32	PASS
Band2	5MHz	16QAM	19175	1RB#24	20.74	PASS
Band2	5MHz	QPSK	19175	12RB#0	21.30	PASS
Band2	5MHz	16QAM	19175	12RB#0	20.36	PASS
Band2	5MHz	QPSK	19175	12RB#6	21.32	PASS
Band2	5MHz	16QAM	19175	12RB#6	20.39	PASS
Band2	5MHz	QPSK	19175	12RB#13	21.33	PASS
Band2	5MHz	16QAM	19175	12RB#13	20.41	PASS
Band2	5MHz	QPSK	19175	25RB#0	21.39	PASS
Band2	5MHz	16QAM	19175	25RB#0	20.62	PASS
Band2	10MHz	QPSK	18650	1RB#0	22.29	PASS
Band2	10MHz	16QAM	18650	1RB#0	21.46	PASS
Band2	10MHz	QPSK	18650	1RB#24	22.24	PASS
Band2	10MHz	16QAM	18650	1RB#24	21.34	PASS
Band2	10MHz	QPSK	18650	1RB#49	22.16	PASS
Band2	10MHz	16QAM	18650	1RB#49	21.35	PASS
Band2	10MHz	QPSK	18650	25RB#0	21.23	PASS
Band2	10MHz	16QAM	18650	25RB#0	20.46	PASS
Band2	10MHz	QPSK	18650	25RB#12	21.23	PASS
Band2	10MHz	16QAM	18650	25RB#12	20.40	PASS
Band2	10MHz	QPSK	18650	25RB#25	21.18	PASS
Band2	10MHz	16QAM	18650	25RB#25	20.38	PASS
Band2	10MHz	QPSK	18650	50RB#0	21.16	PASS
Band2	10MHz	16QAM	18650	50RB#0	20.38	PASS
Band2	10MHz	QPSK	18900	1RB#0	22.33	PASS
Band2	10MHz	16QAM	18900	1RB#0	21.43	PASS
Band2	10MHz	QPSK	18900	1RB#24	22.41	PASS
Band2	10MHz	16QAM	18900	1RB#24	21.41	PASS
Band2	10MHz	QPSK	18900	1RB#49	22.39	PASS
Band2	10MHz	16QAM	18900	1RB#49	21.44	PASS
Band2	10MHz	QPSK	18900	25RB#0	21.33	PASS
Band2	10MHz	16QAM	18900	25RB#0	20.57	PASS
Band2	10MHz	QPSK	18900	25RB#12	21.43	PASS
Band2	10MHz	16QAM	18900	25RB#12	20.57	PASS
Band2	10MHz	QPSK	18900	25RB#25	21.43	PASS
Band2	10MHz	16QAM	18900	25RB#25	20.51	PASS
Band2	10MHz	QPSK	18900	50RB#0	21.43	PASS
Band2	10MHz	16QAM	18900	50RB#0	20.56	PASS
Band2	10MHz	QPSK	19150	1RB#0	22.27	PASS
Band2	10MHz	16QAM	19150	1RB#0	21.38	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



Band2	10MHz	QPSK	19150	1RB#24	22.27	PASS
Band2	10MHz	16QAM	19150	1RB#24	21.44	PASS
Band2	10MHz	QPSK	19150	1RB#49	22.33	PASS
Band2	10MHz	16QAM	19150	1RB#49	21.49	PASS
Band2	10MHz	QPSK	19150	25RB#0	21.40	PASS
Band2	10MHz	16QAM	19150	25RB#0	20.50	PASS
Band2	10MHz	QPSK	19150	25RB#12	21.27	PASS
Band2	10MHz	16QAM	19150	25RB#12	20.49	PASS
Band2	10MHz	QPSK	19150	25RB#25	21.42	PASS
Band2	10MHz	16QAM	19150	25RB#25	20.53	PASS
Band2	10MHz	QPSK	19150	50RB#0	21.38	PASS
Band2	10MHz	16QAM	19150	50RB#0	20.48	PASS
Band2	15MHz	QPSK	18675	1RB#0	22.44	PASS
Band2	15MHz	16QAM	18675	1RB#0	21.47	PASS
Band2	15MHz	QPSK	18675	1RB#38	22.32	PASS
Band2	15MHz	16QAM	18675	1RB#38	21.37	PASS
Band2	15MHz	QPSK	18675	1RB#74	22.26	PASS
Band2	15MHz	16QAM	18675	1RB#74	21.31	PASS
Band2	15MHz	QPSK	18675	38RB#0	21.29	PASS
Band2	15MHz	16QAM	18675	38RB#0	21.29	PASS
Band2	15MHz	QPSK	18675	38RB#18	21.29	PASS
Band2	15MHz	16QAM	18675	38RB#18	21.29	PASS
Band2	15MHz	QPSK	18675	38RB#37	21.27	PASS
Band2	15MHz	16QAM	18675	38RB#37	21.30	PASS
Band2	15MHz	QPSK	18675	75RB#0	21.27	PASS
Band2	15MHz	16QAM	18675	75RB#0	20.53	PASS
Band2	15MHz	QPSK	18900	1RB#0	22.28	PASS
Band2	15MHz	16QAM	18900	1RB#0	21.36	PASS
Band2	15MHz	QPSK	18900	1RB#38	22.37	PASS
Band2	15MHz	16QAM	18900	1RB#38	21.35	PASS
Band2	15MHz	QPSK	18900	1RB#74	22.37	PASS
Band2	15MHz	16QAM	18900	1RB#74	21.38	PASS
Band2	15MHz	QPSK	18900	38RB#0	21.35	PASS
Band2	15MHz	16QAM	18900	38RB#0	21.40	PASS
Band2	15MHz	QPSK	18900	38RB#18	21.37	PASS
Band2	15MHz	16QAM	18900	38RB#18	21.50	PASS
Band2	15MHz	QPSK	18900	38RB#37	21.41	PASS
Band2	15MHz	16QAM	18900	38RB#37	21.43	PASS
Band2	15MHz	QPSK	18900	75RB#0	21.43	PASS
Band2	15MHz	16QAM	18900	75RB#0	20.54	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



Band2	15MHz	QPSK	19125	1RB#0	22.32	PASS
Band2	15MHz	16QAM	19125	1RB#0	21.50	PASS
Band2	15MHz	QPSK	19125	1RB#38	22.35	PASS
Band2	15MHz	16QAM	19125	1RB#38	21.36	PASS
Band2	15MHz	QPSK	19125	1RB#74	22.32	PASS
Band2	15MHz	16QAM	19125	1RB#74	21.49	PASS
Band2	15MHz	QPSK	19125	38RB#0	21.39	PASS
Band2	15MHz	16QAM	19125	38RB#0	21.37	PASS
Band2	15MHz	QPSK	19125	38RB#18	21.36	PASS
Band2	15MHz	16QAM	19125	38RB#18	21.36	PASS
Band2	15MHz	QPSK	19125	38RB#37	21.35	PASS
Band2	15MHz	16QAM	19125	38RB#37	21.35	PASS
Band2	15MHz	QPSK	19125	75RB#0	21.34	PASS
Band2	15MHz	16QAM	19125	75RB#0	20.51	PASS
Band2	20MHz	QPSK	18700	1RB#0	22.51	PASS
Band2	20MHz	16QAM	18700	1RB#0	21.61	PASS
Band2	20MHz	QPSK	18700	1RB#49	22.49	PASS
Band2	20MHz	16QAM	18700	1RB#49	21.44	PASS
Band2	20MHz	QPSK	18700	1RB#99	22.50	PASS
Band2	20MHz	16QAM	18700	1RB#99	21.42	PASS
Band2	20MHz	QPSK	18700	50RB#0	21.34	PASS
Band2	20MHz	16QAM	18700	50RB#0	20.60	PASS
Band2	20MHz	QPSK	18700	50RB#25	21.28	PASS
Band2	20MHz	16QAM	18700	50RB#25	20.54	PASS
Band2	20MHz	QPSK	18700	50RB#50	21.31	PASS
Band2	20MHz	16QAM	18700	50RB#50	20.45	PASS
Band2	20MHz	QPSK	18700	100RB#0	21.27	PASS
Band2	20MHz	16QAM	18700	100RB#0	20.47	PASS
Band2	20MHz	QPSK	18900	1RB#0	22.39	PASS
Band2	20MHz	16QAM	18900	1RB#0	21.26	PASS
Band2	20MHz	QPSK	18900	1RB#49	22.46	PASS
Band2	20MHz	16QAM	18900	1RB#49	21.40	PASS
Band2	20MHz	QPSK	18900	1RB#99	22.60	PASS
Band2	20MHz	16QAM	18900	1RB#99	21.52	PASS
Band2	20MHz	QPSK	18900	50RB#0	21.26	PASS
Band2	20MHz	16QAM	18900	50RB#0	20.54	PASS
Band2	20MHz	QPSK	18900	50RB#25	21.37	PASS
Band2	20MHz	16QAM	18900	50RB#25	20.58	PASS
Band2	20MHz	QPSK	18900	50RB#50	21.45	PASS
Band2	20MHz	16QAM	18900	50RB#50	20.62	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



Band2	20MHz	QPSK	18900	100RB#0	21.37	PASS
Band2	20MHz	16QAM	18900	100RB#0	20.68	PASS
Band2	20MHz	QPSK	19100	1RB#0	22.48	PASS
Band2	20MHz	16QAM	19100	1RB#0	21.65	PASS
Band2	20MHz	QPSK	19100	1RB#49	22.50	PASS
Band2	20MHz	16QAM	19100	1RB#49	21.51	PASS
Band2	20MHz	QPSK	19100	1RB#99	22.60	PASS
Band2	20MHz	16QAM	19100	1RB#99	21.58	PASS
Band2	20MHz	QPSK	19100	50RB#0	21.37	PASS
Band2	20MHz	16QAM	19100	50RB#0	20.64	PASS
Band2	20MHz	QPSK	19100	50RB#25	21.42	PASS
Band2	20MHz	16QAM	19100	50RB#25	20.63	PASS
Band2	20MHz	QPSK	19100	50RB#50	21.29	PASS
Band2	20MHz	16QAM	19100	50RB#50	20.63	PASS
Band2	20MHz	QPSK	19100	100RB#0	21.42	PASS
Band2	20MHz	16QAM	19100	100RB#0	20.48	PASS





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

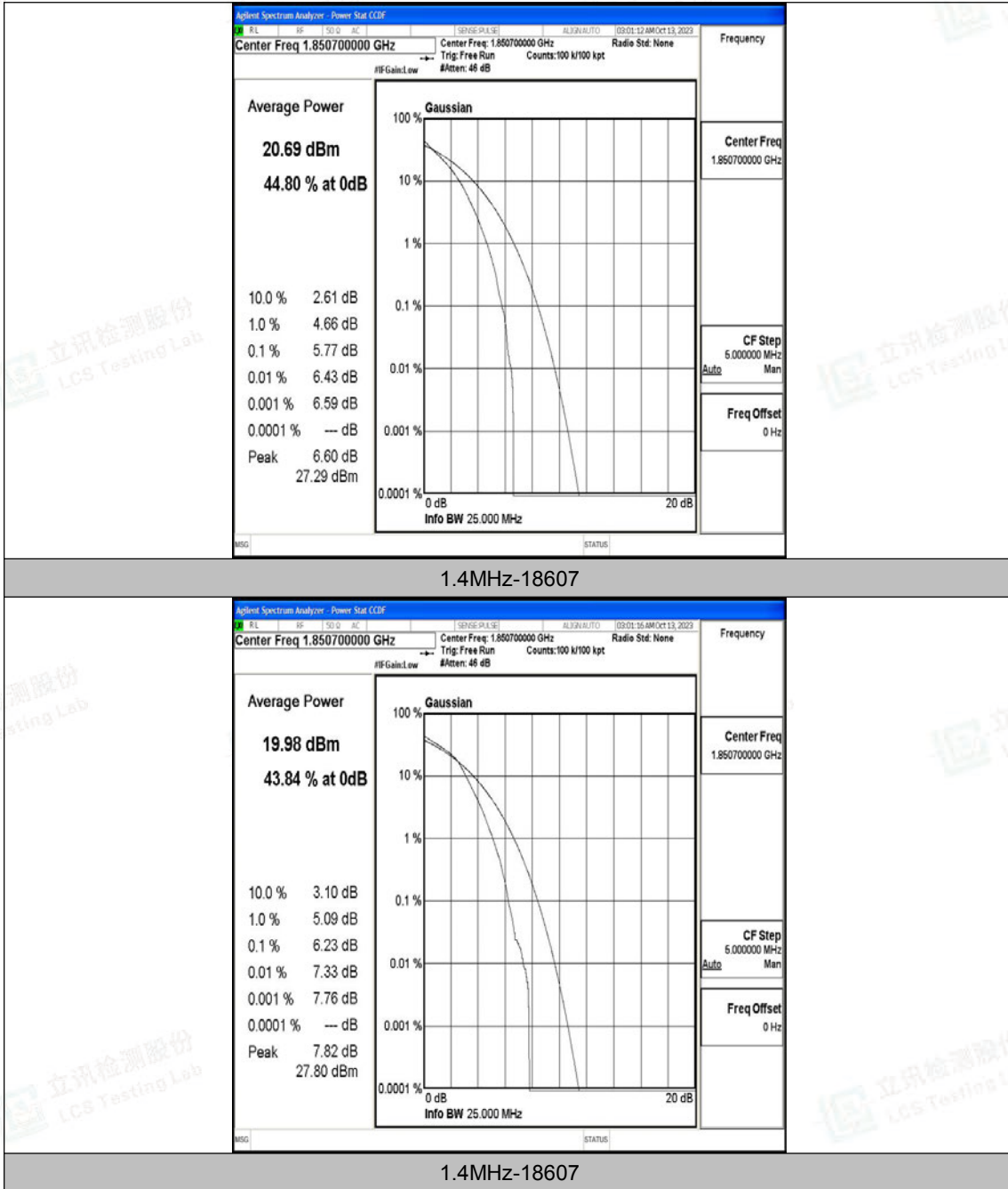
Test Result

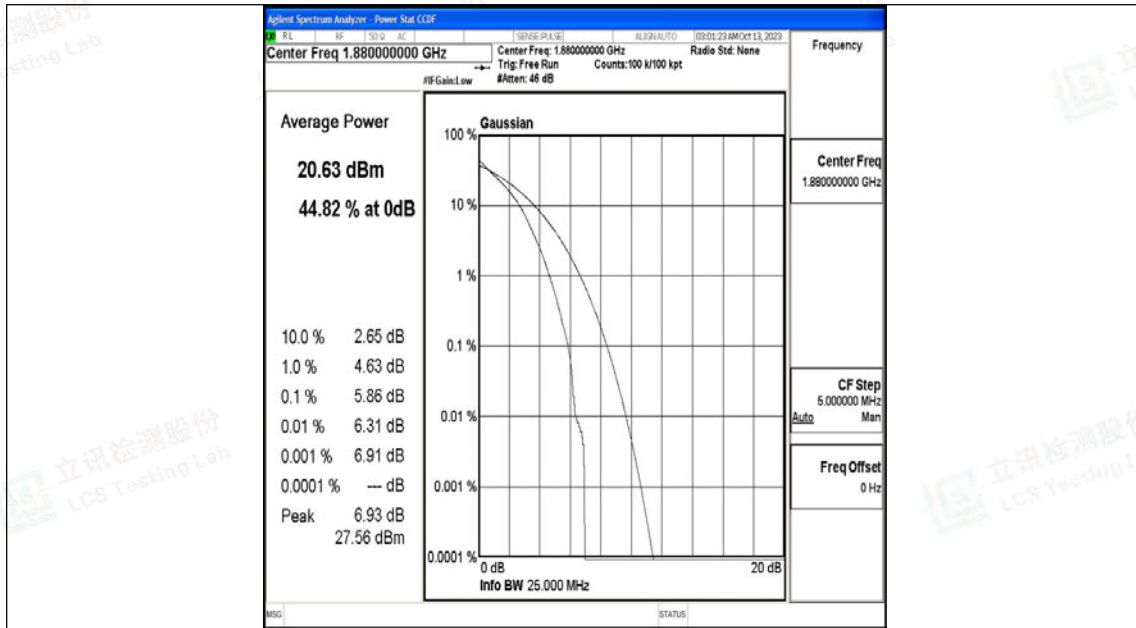
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	5.77	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	6.23	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.86	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	6.53	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	5.31	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	6.05	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	5.99	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	6.79	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	6.00	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.71	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	5.57	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	6.38	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	5.82	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	6.51	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.94	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.60	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.65	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	6.37	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.81	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	6.62	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.97	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	6.58	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.89	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	6.47	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	6.14	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.62	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	6.32	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.64	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	6.30	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	6.65	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.81	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.59	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	6.02	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.76	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.97	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.61	13	PASS



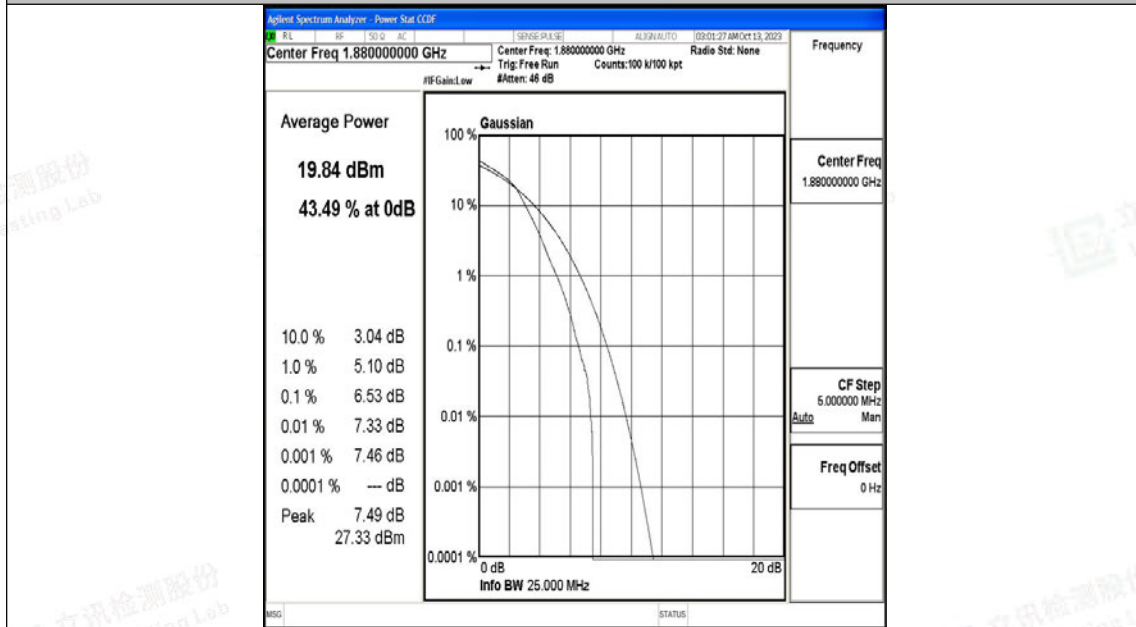


Test Graphs



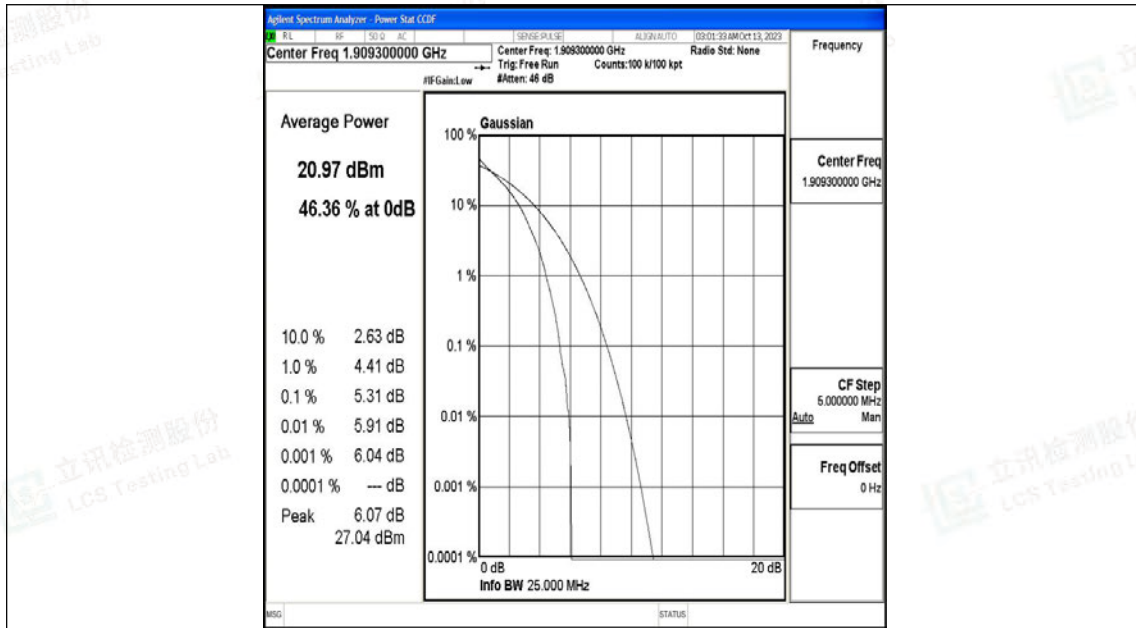


1.4MHz-18900

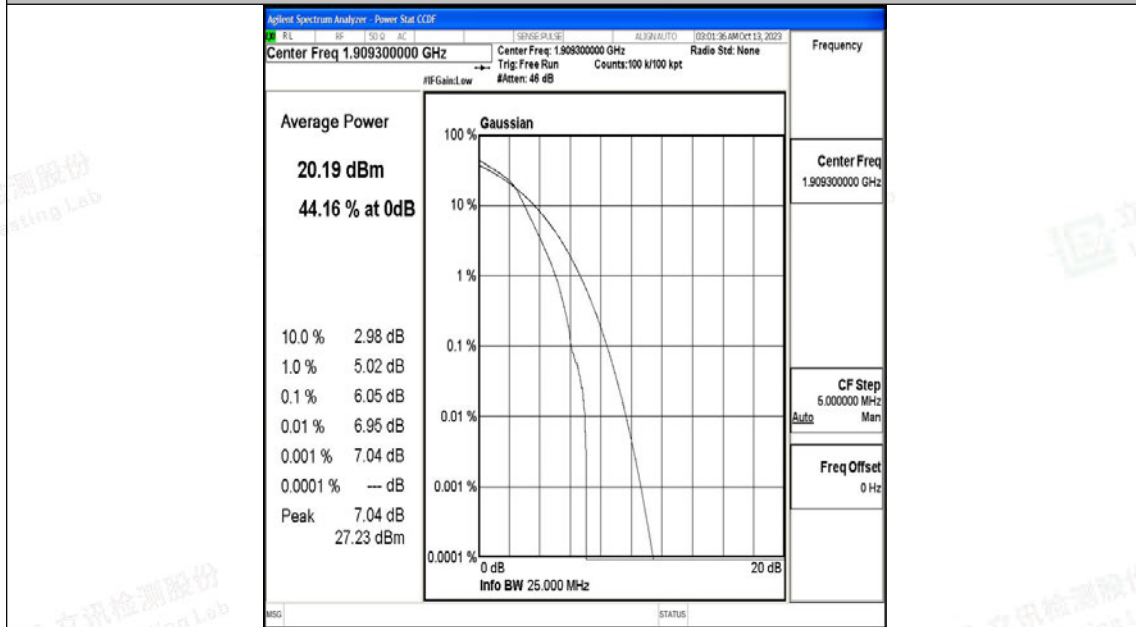


1.4MHz-18900



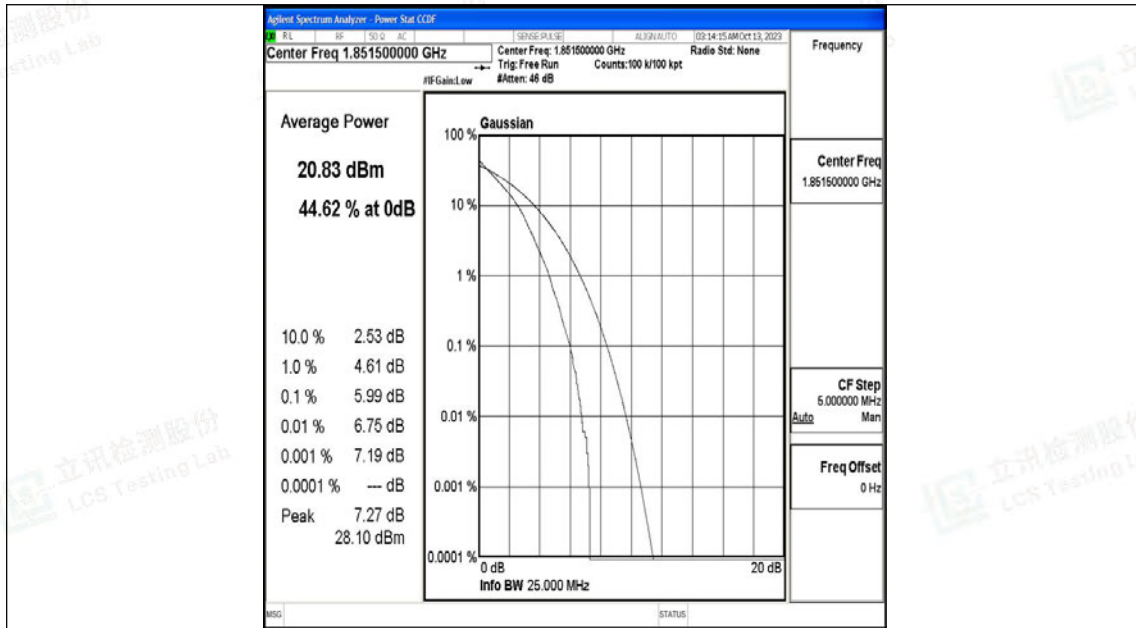


1.4MHz-19193

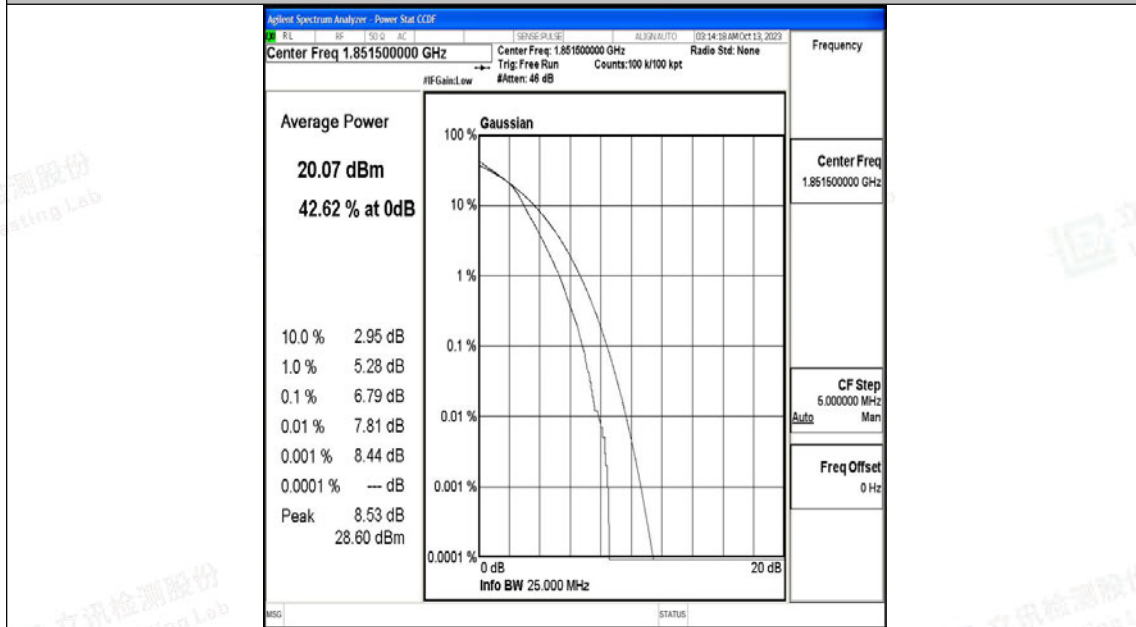


1.4MHz-19193



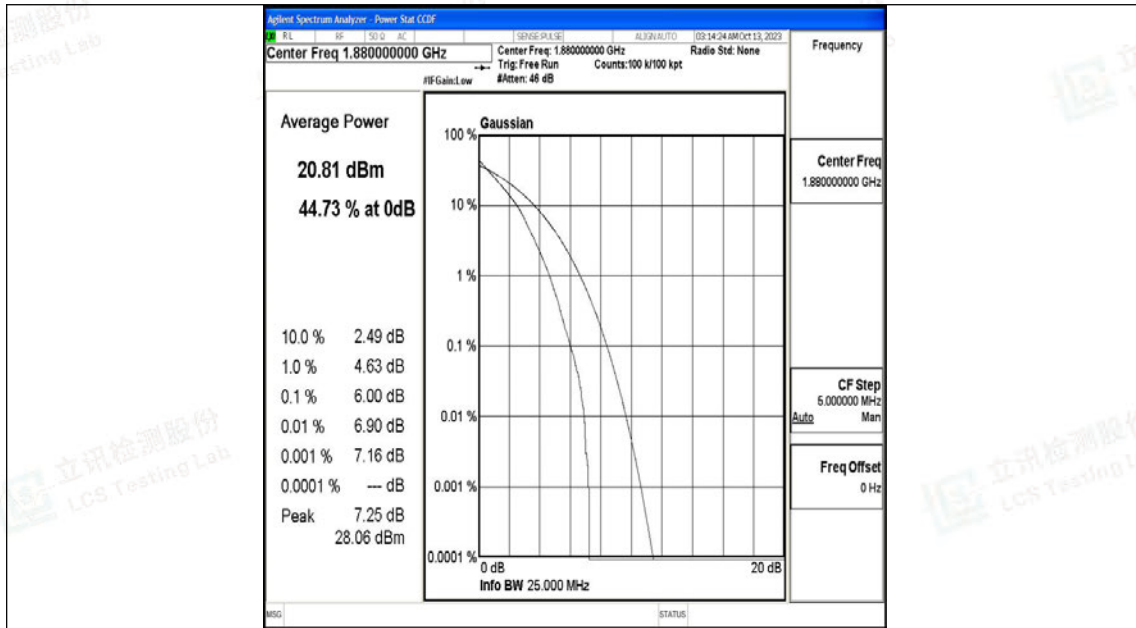


3MHz-18615

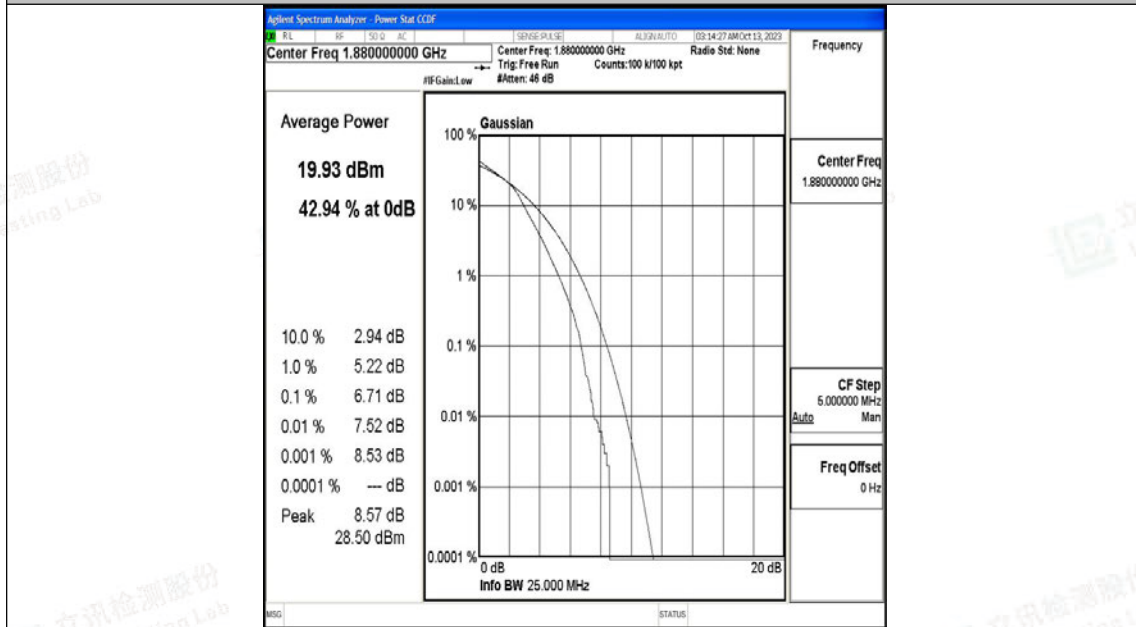


3MHz-18615



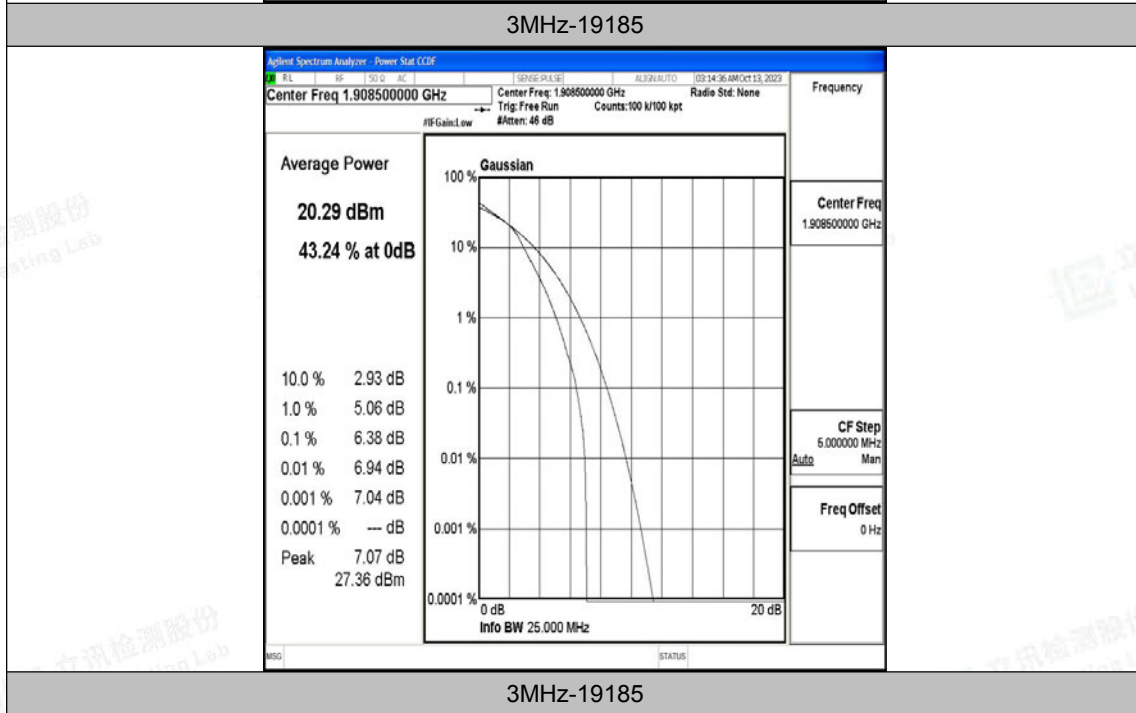
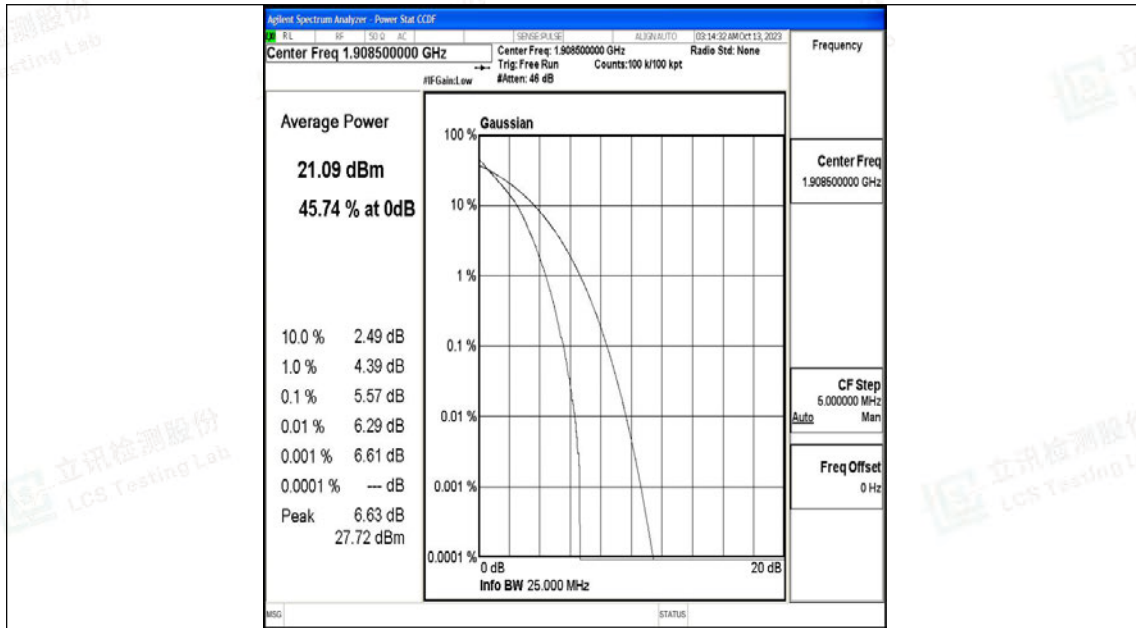


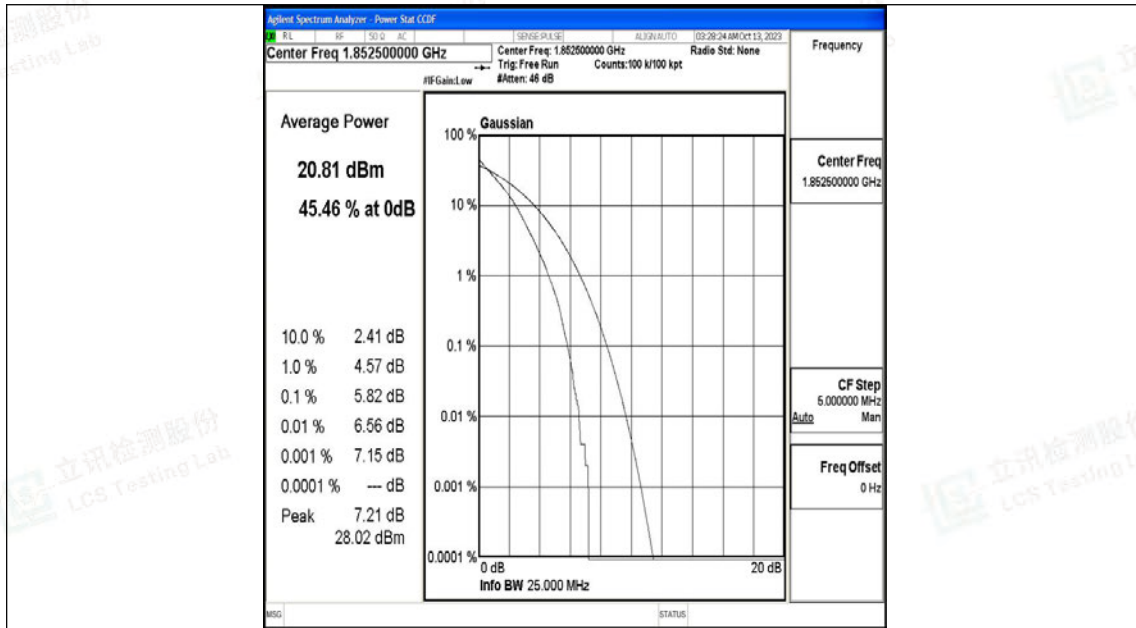
3MHz-18900



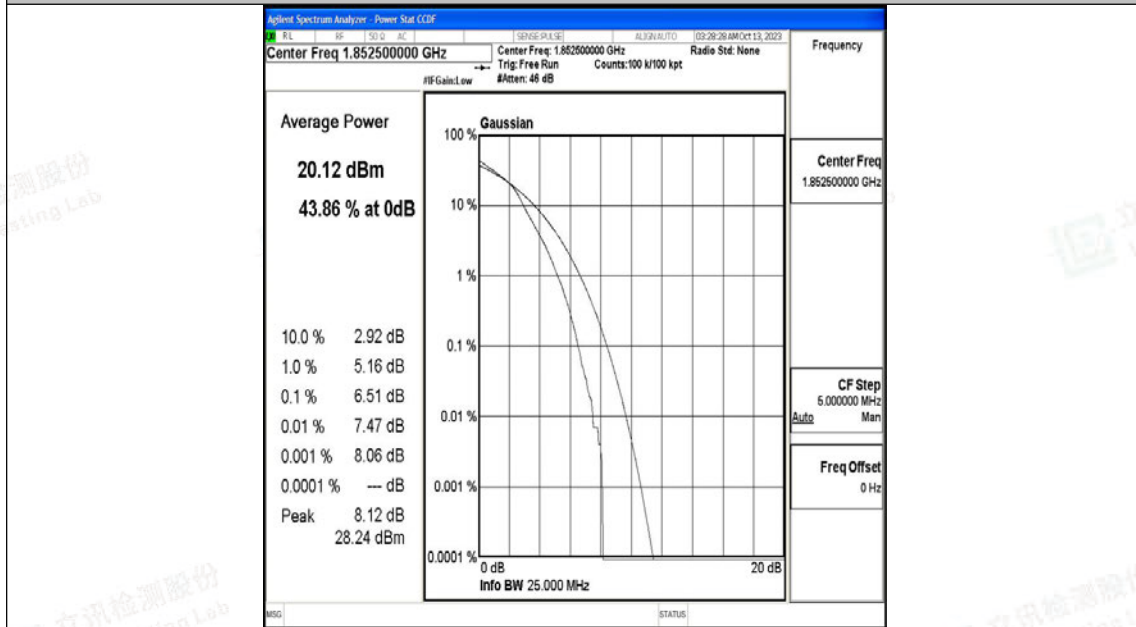
3MHz-18900





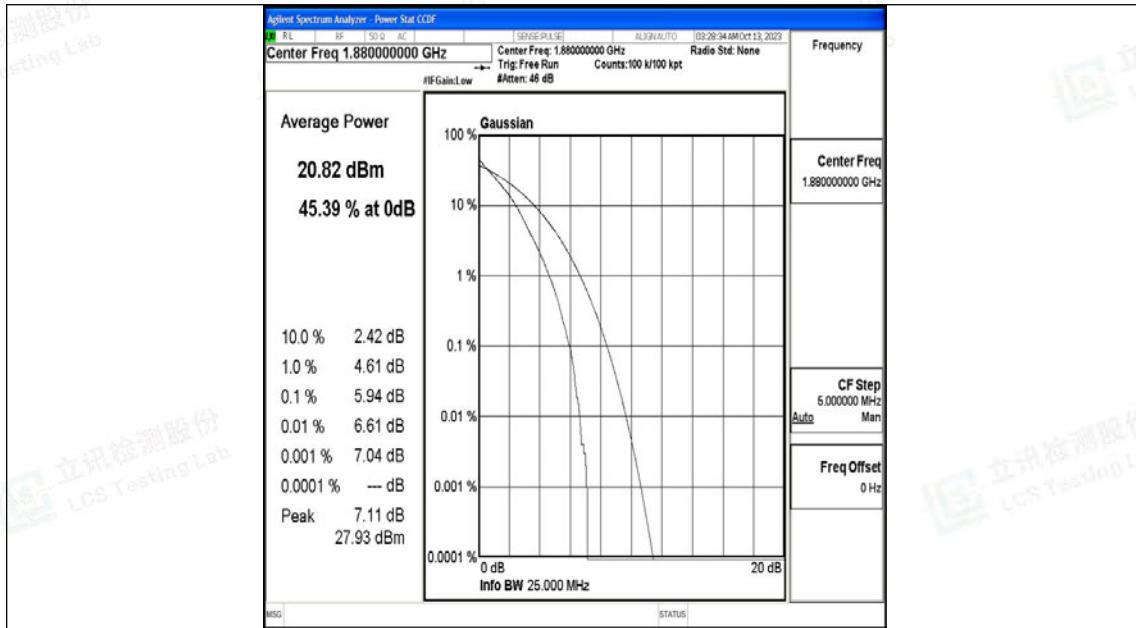


5MHz-18625

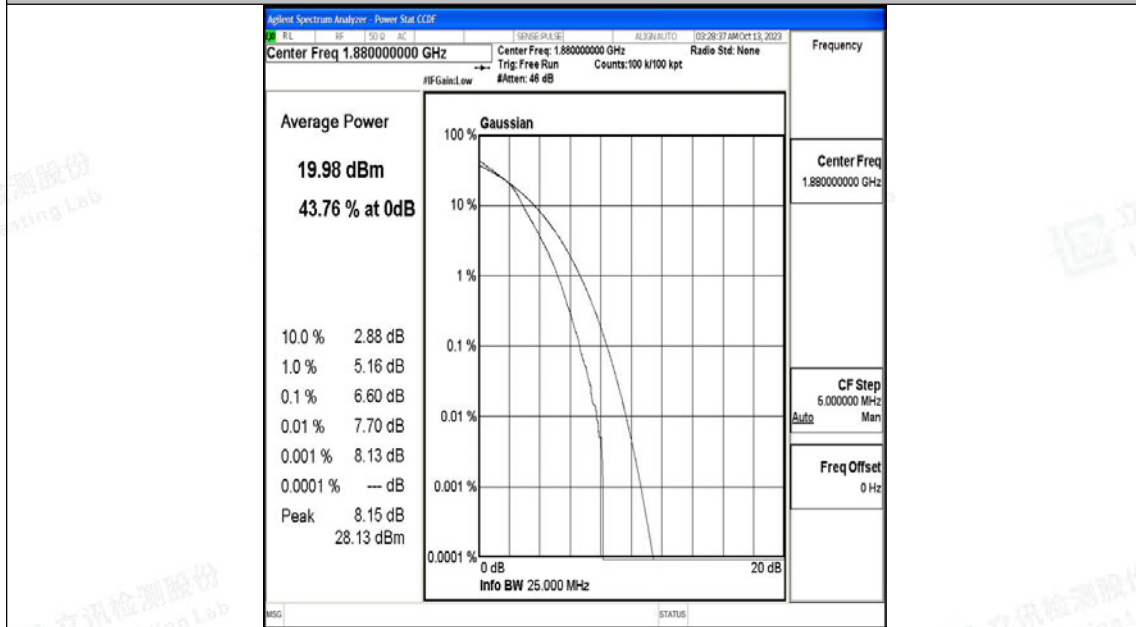


5MHz-18625



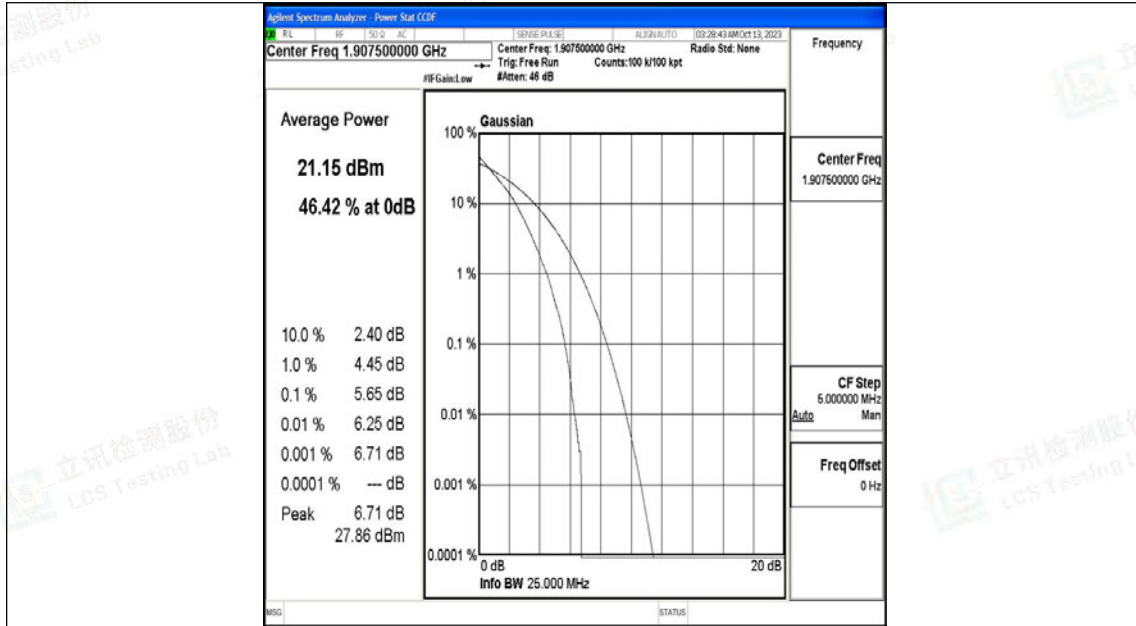


5MHz-18900

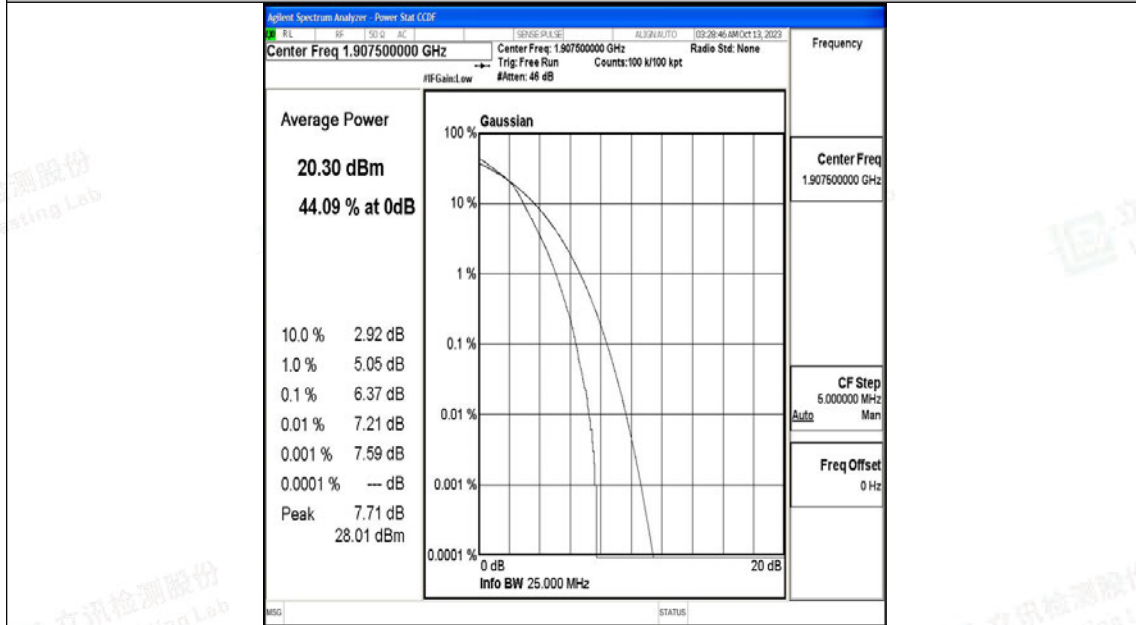


5MHz-18900



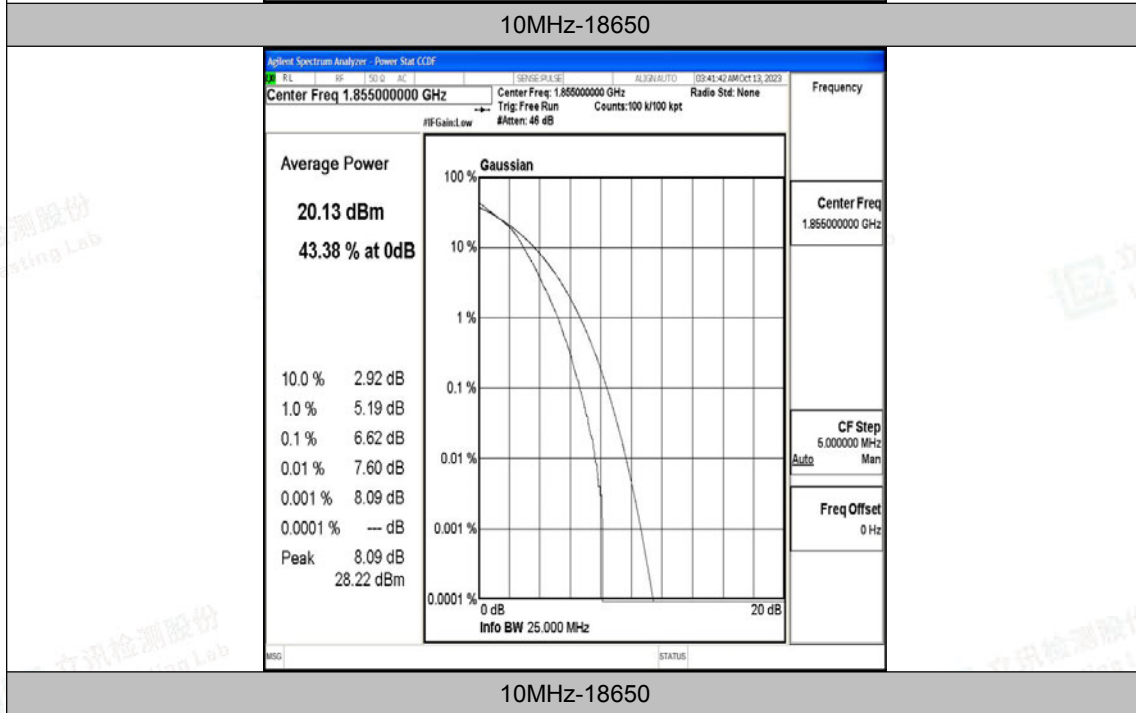
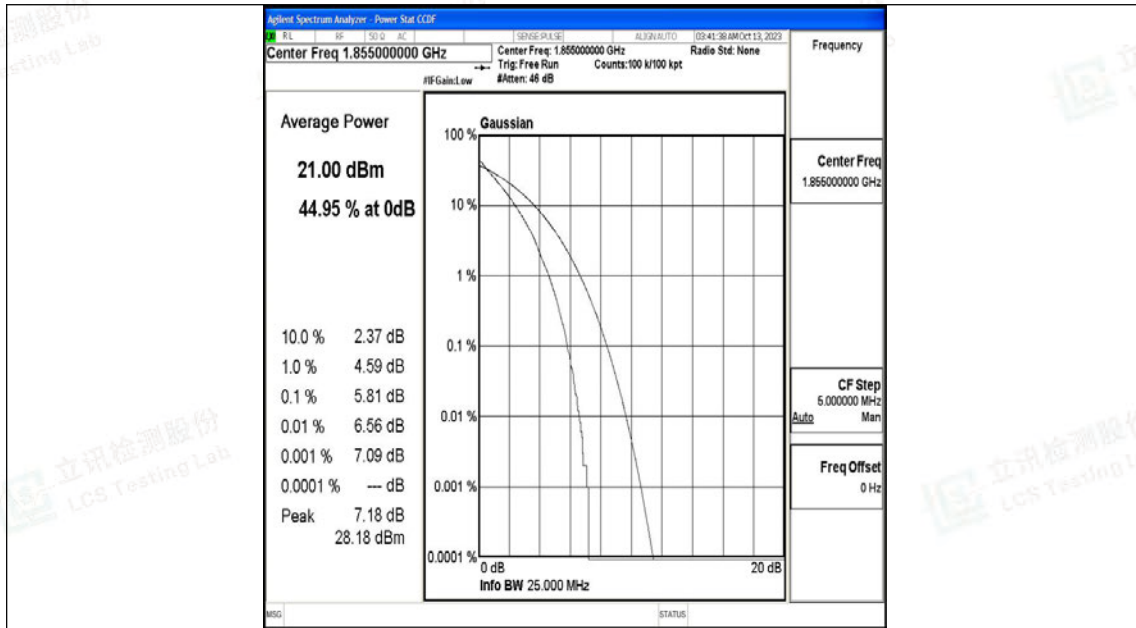


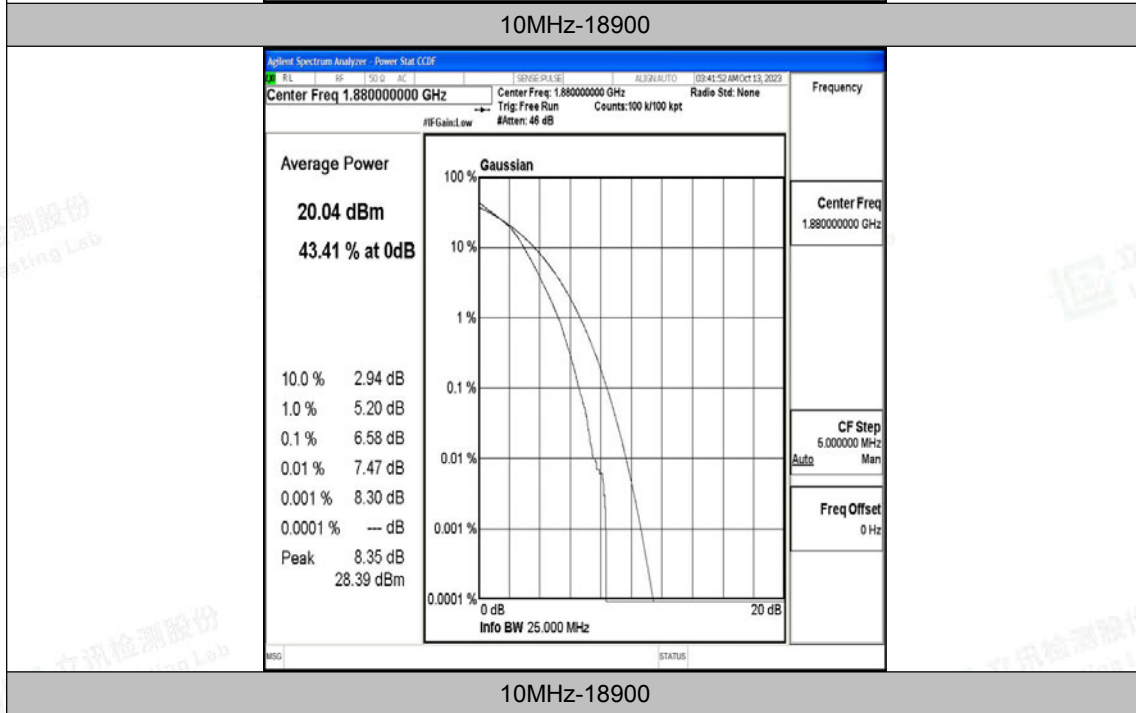
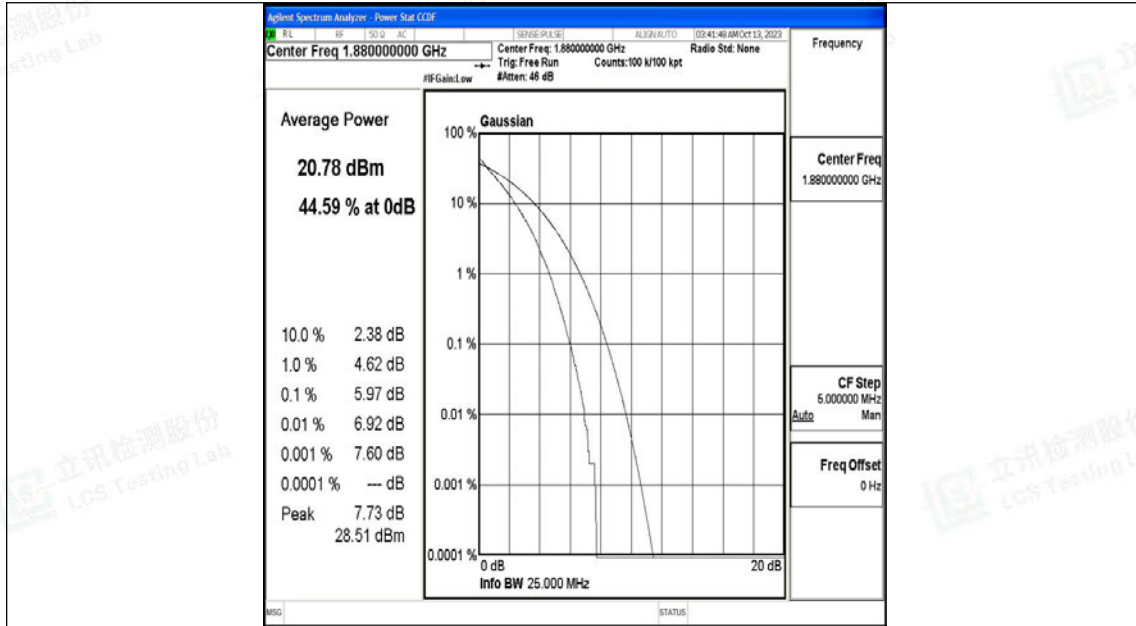
5MHz-19175

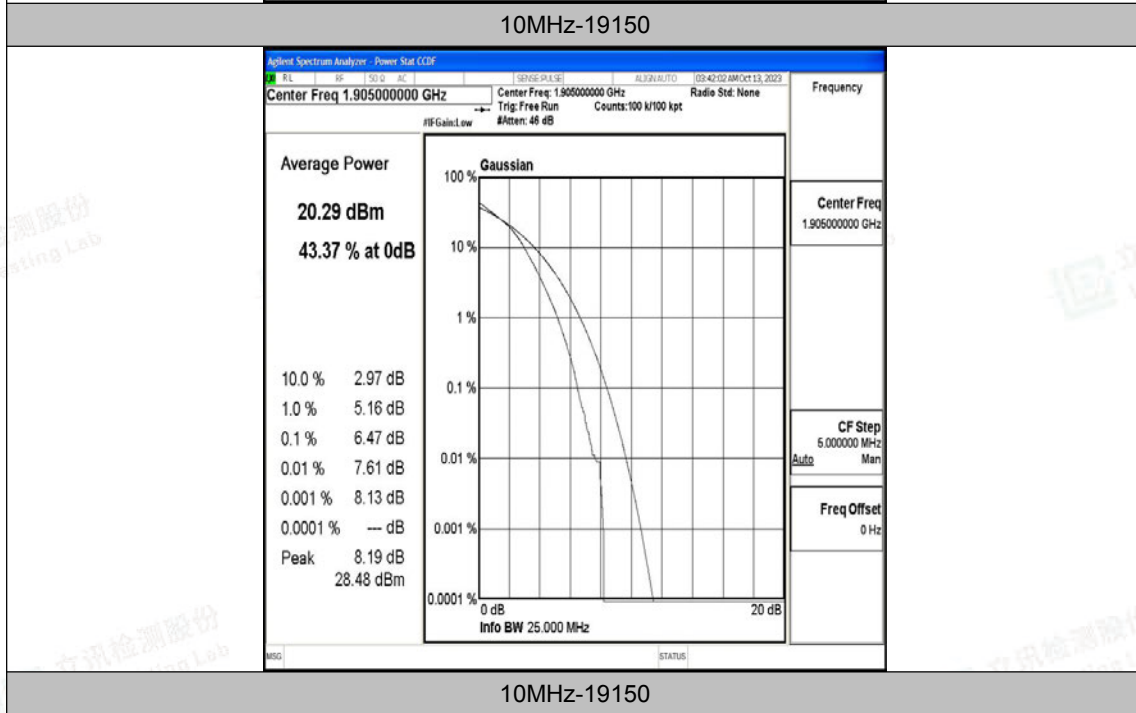
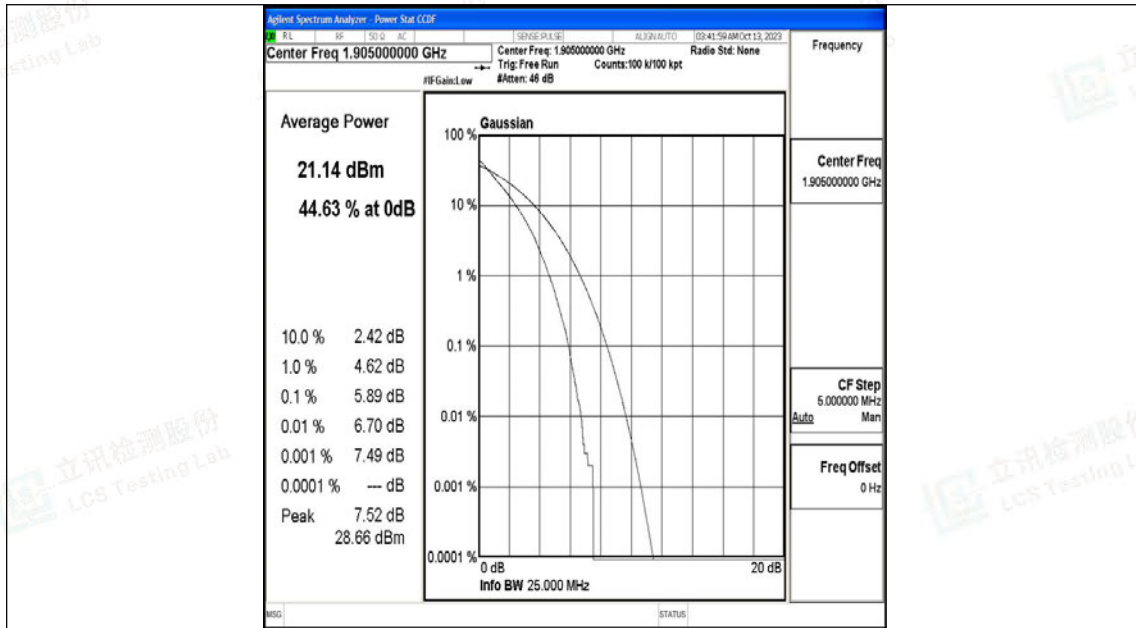


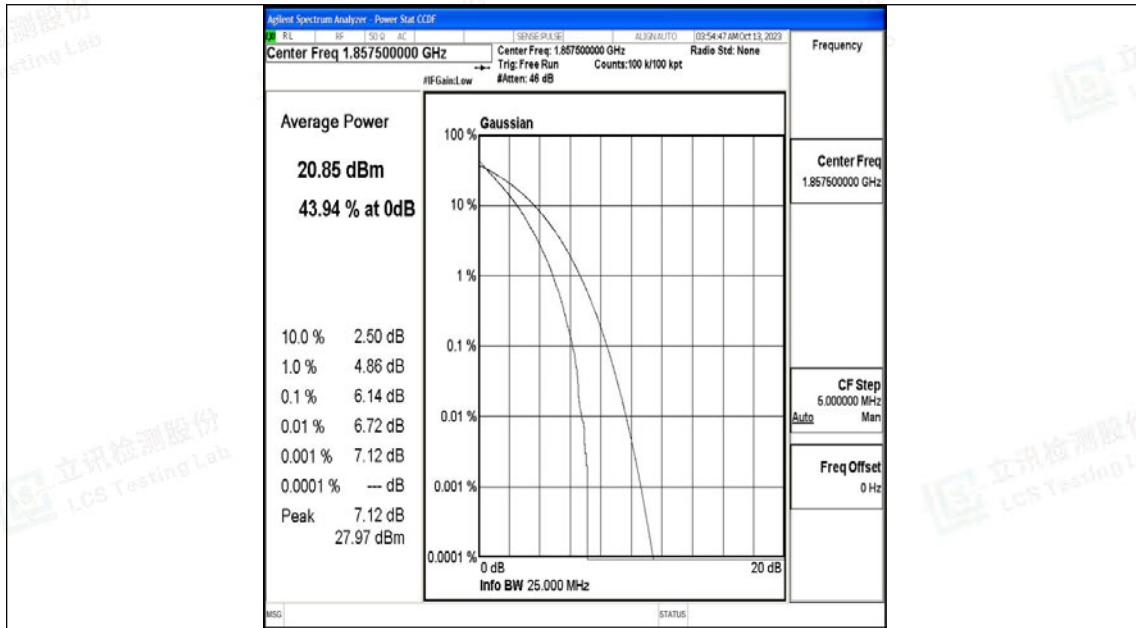
5MHz-19175



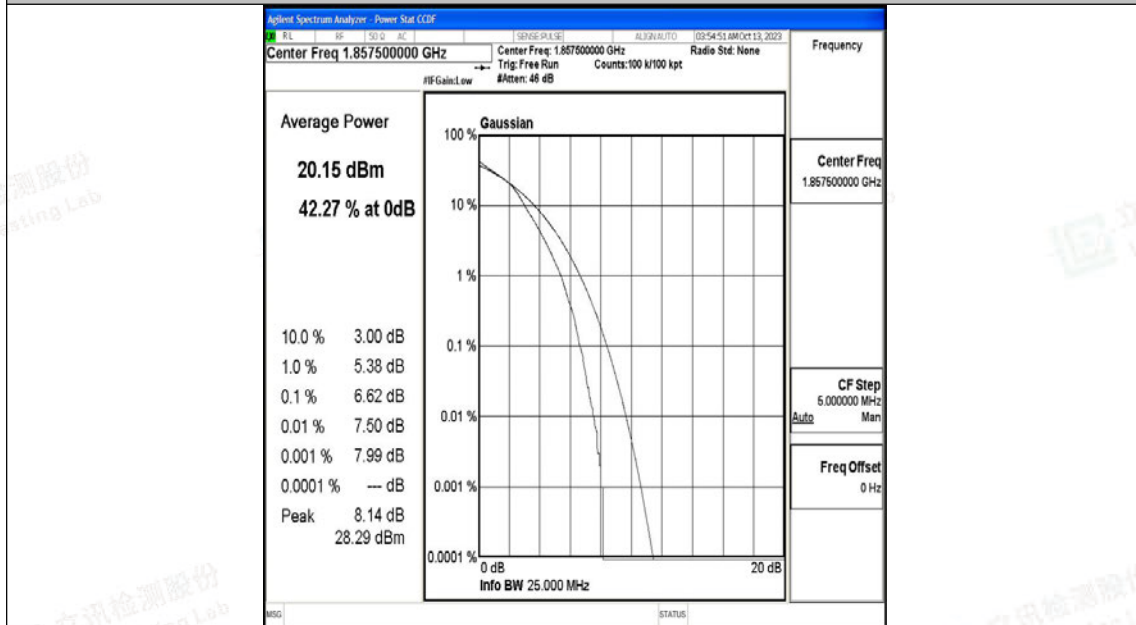






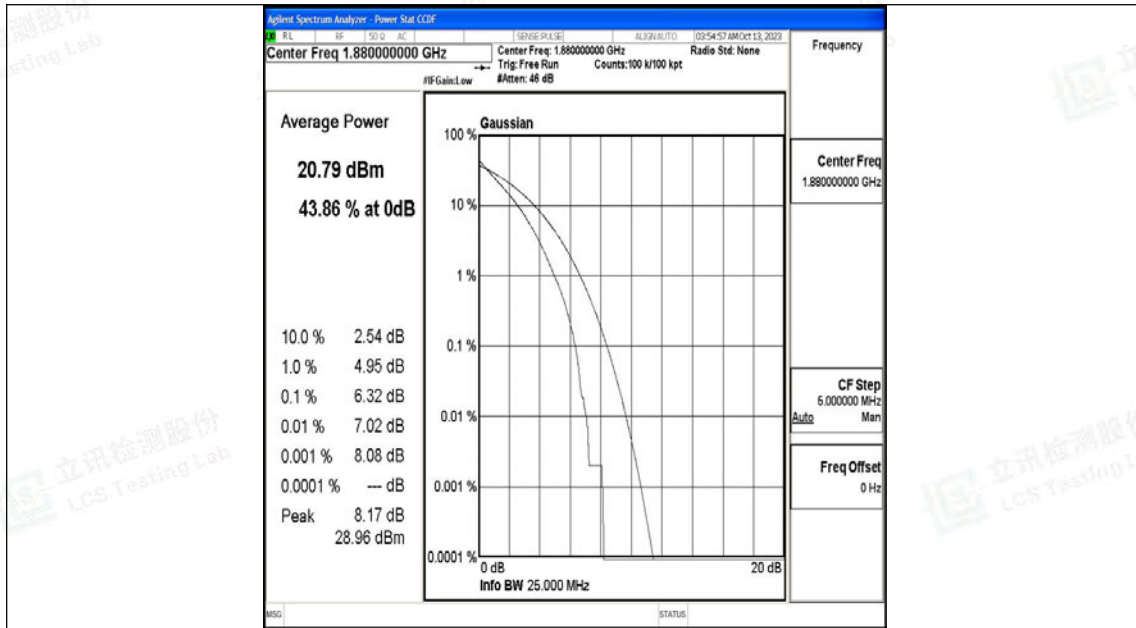


15MHz-18675

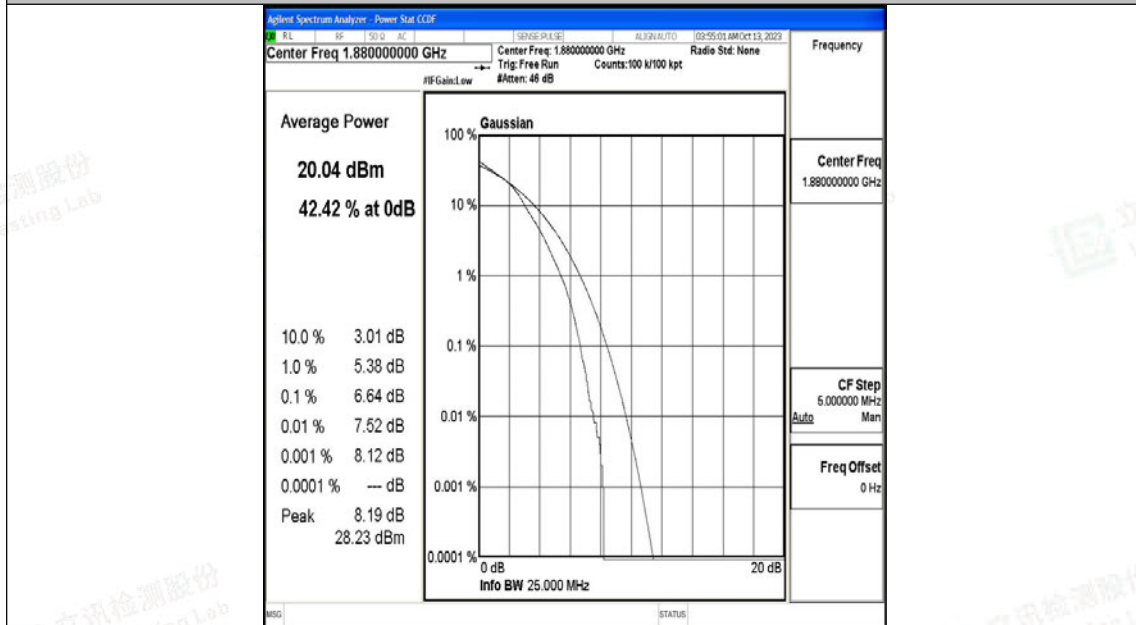


15MHz-18675



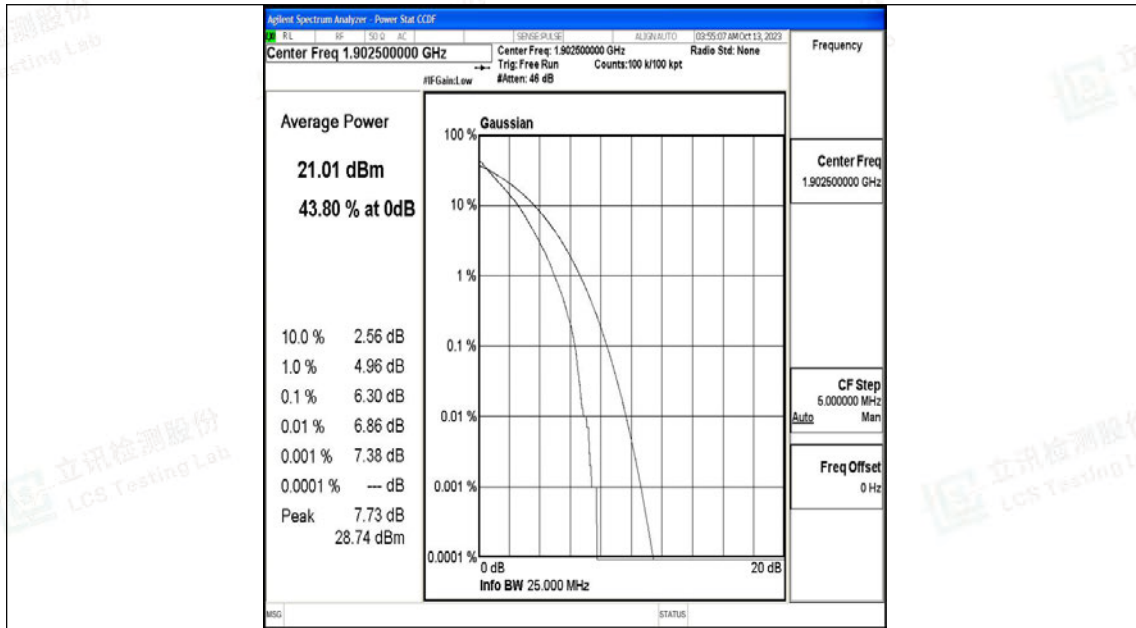


15MHz-18900

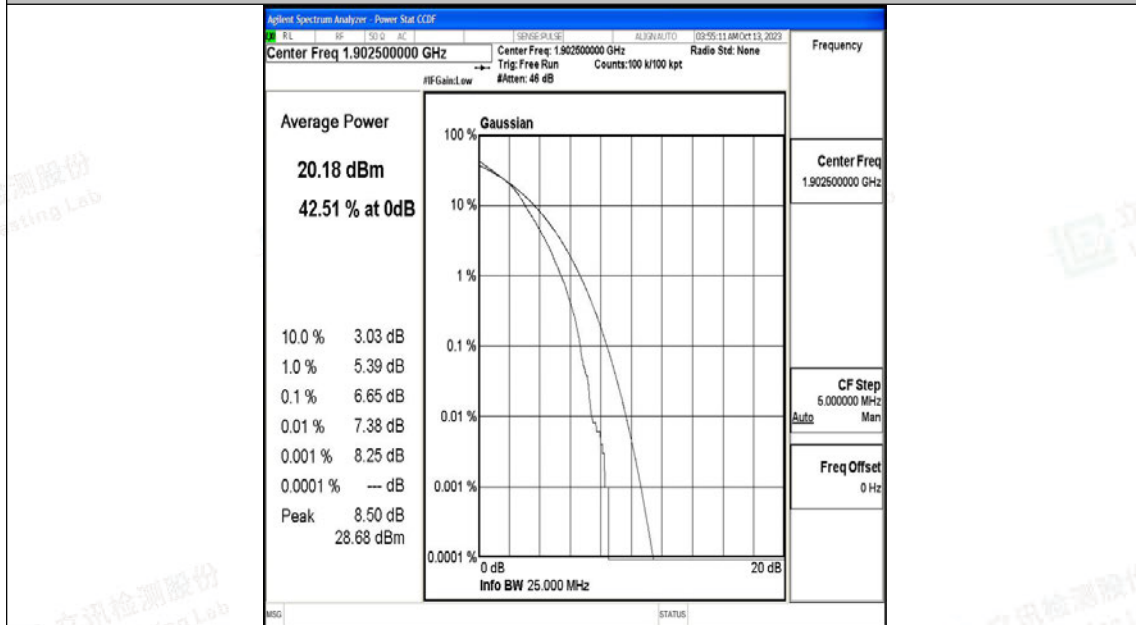


15MHz-18900



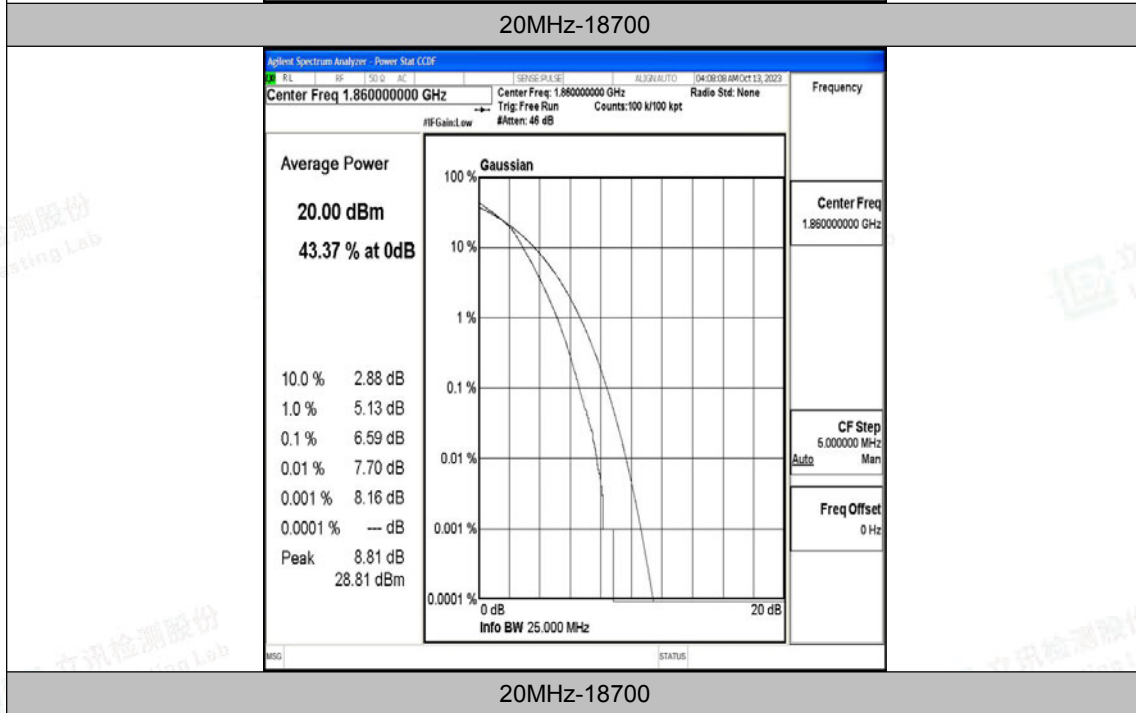
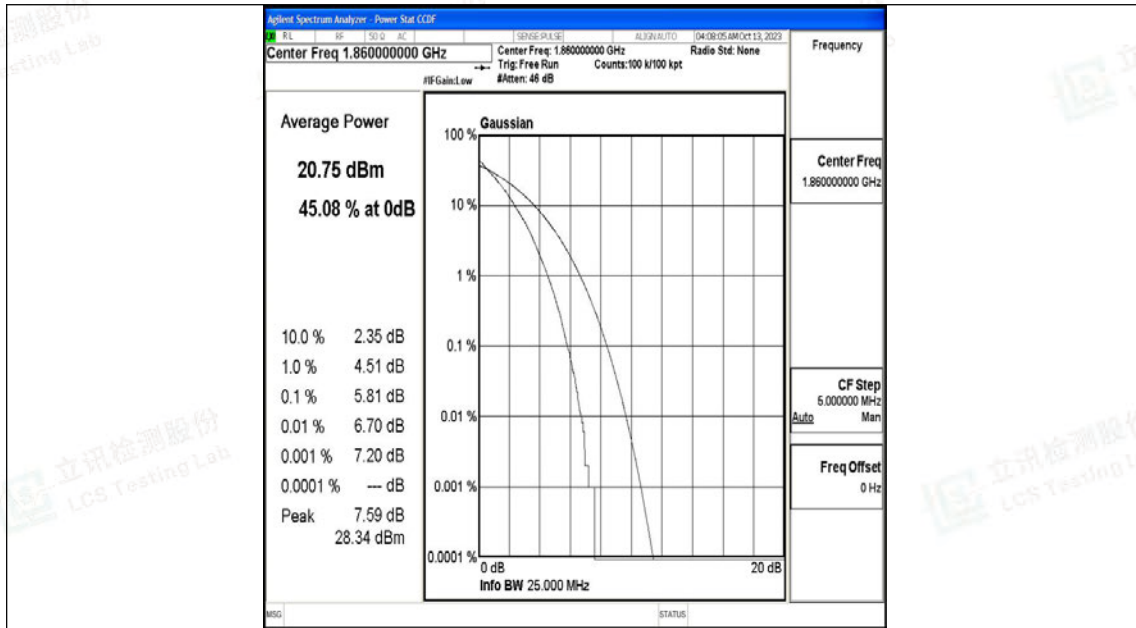


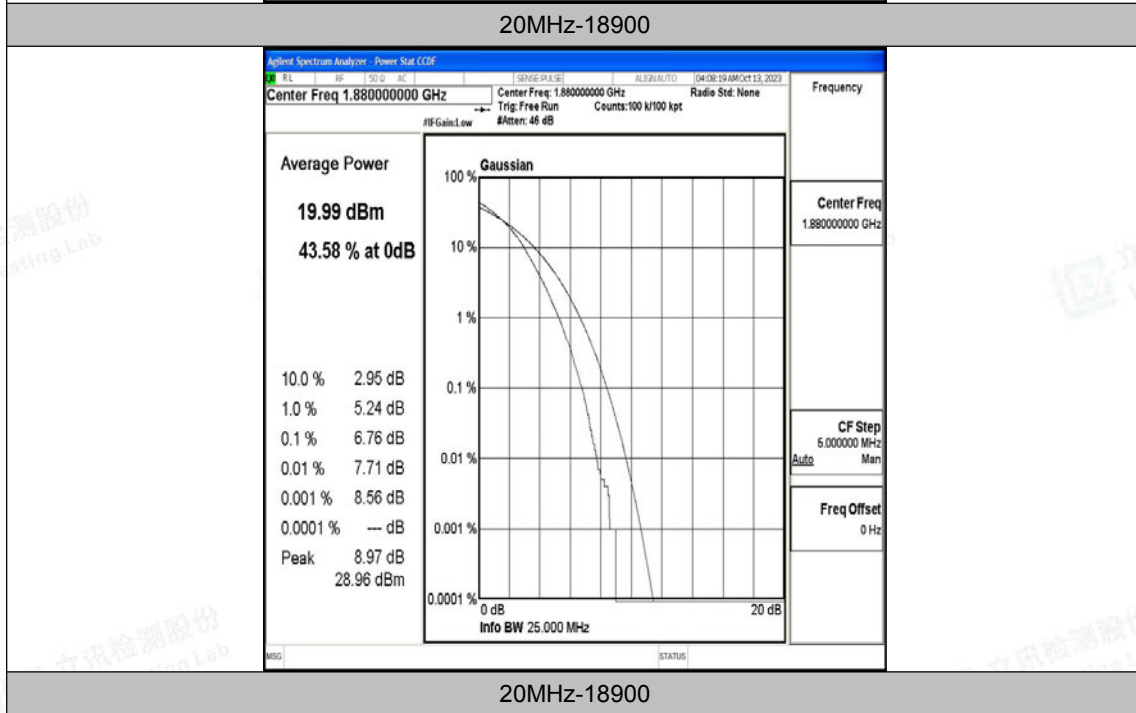
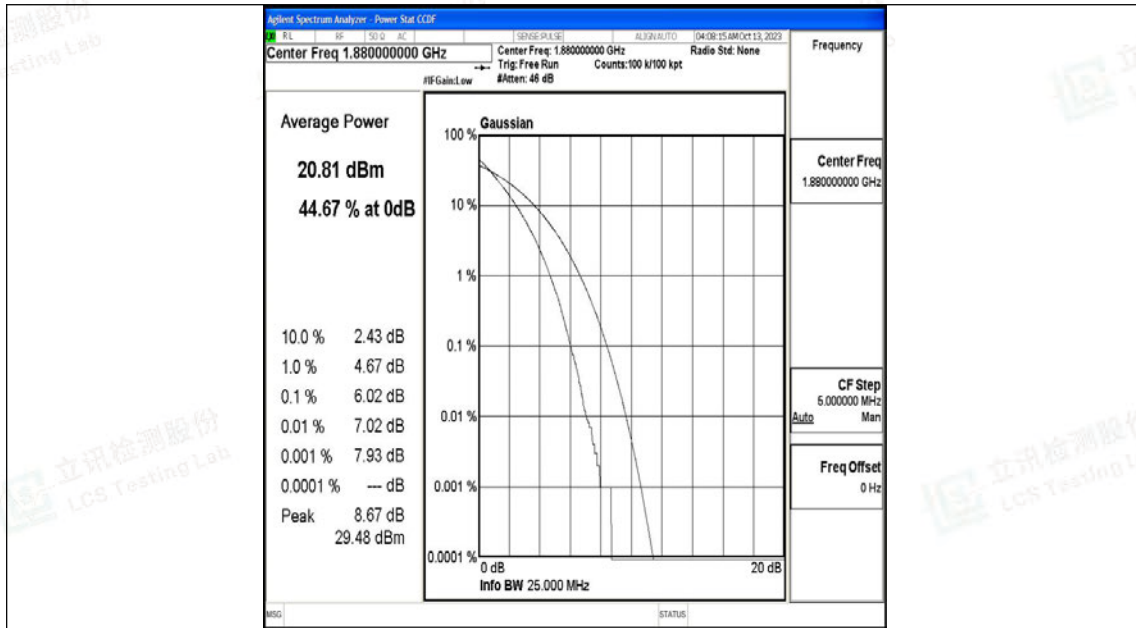
15MHz-19125

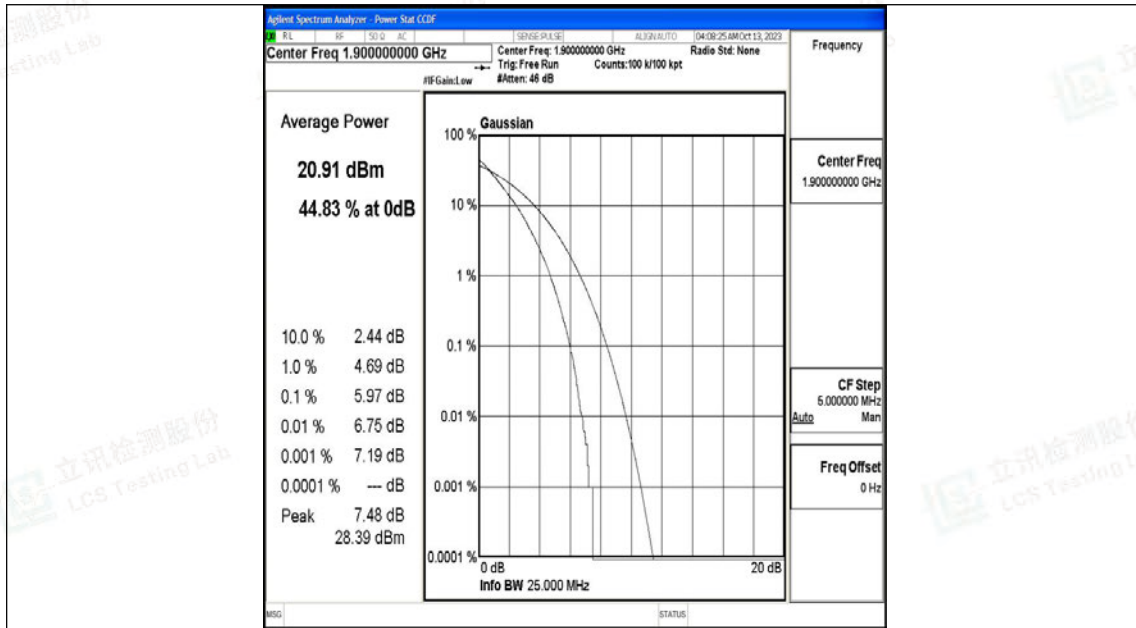


15MHz-19125

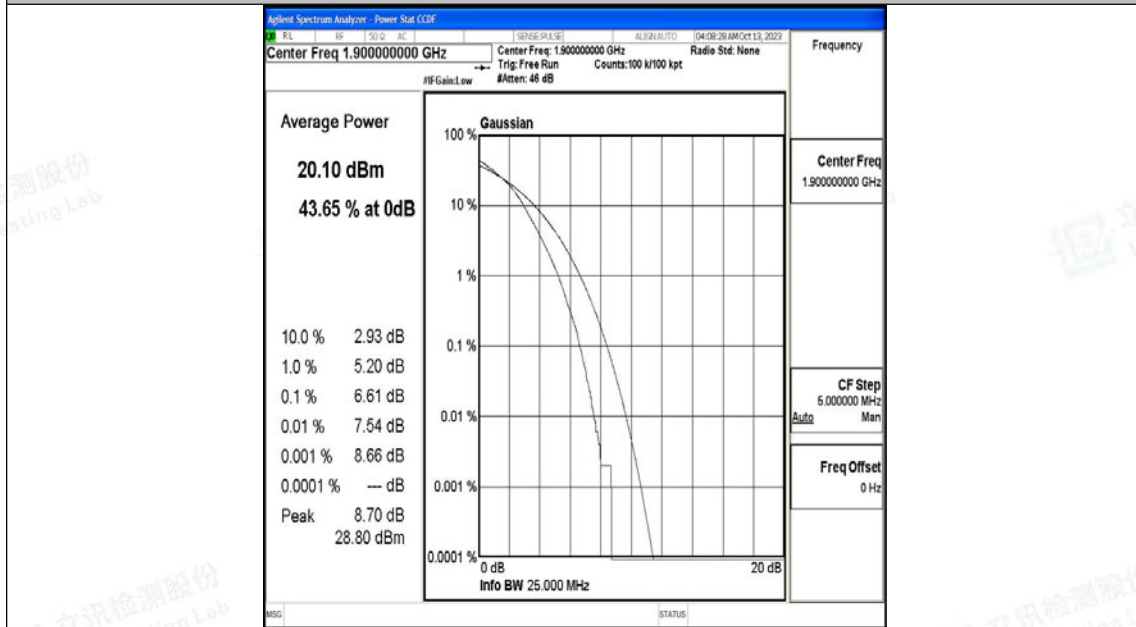








20MHz-19100



20MHz-19100





F.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0899	1.249	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.1048	1.247	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0894	1.248	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.1053	1.245	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0946	1.241	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.1007	1.252	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.7054	3.001	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.7104	3.025	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6982	3.000	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6962	3.018	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.7145	3.030	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.7012	3.032	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5164	4.966	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5072	4.972	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5197	4.975	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5105	4.969	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5125	4.974	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5065	4.966	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9818	9.830	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9581	9.845	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9980	9.894	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9690	9.886	PASS
Band2	10MHz	QPSK	19150	50RB#0	9.0177	9.919	PASS
Band2	10MHz	16QAM	19150	50RB#0	9.0053	9.876	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.501	14.83	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.506	14.92	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.526	14.95	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.514	14.99	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.564	15.01	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.539	14.97	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.960	19.63	PASS
Band2	20MHz	16QAM	18700	100RB#0	18.004	19.77	PASS
Band2	20MHz	QPSK	18900	100RB#0	18.064	19.69	PASS
Band2	20MHz	16QAM	18900	100RB#0	18.116	19.77	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity



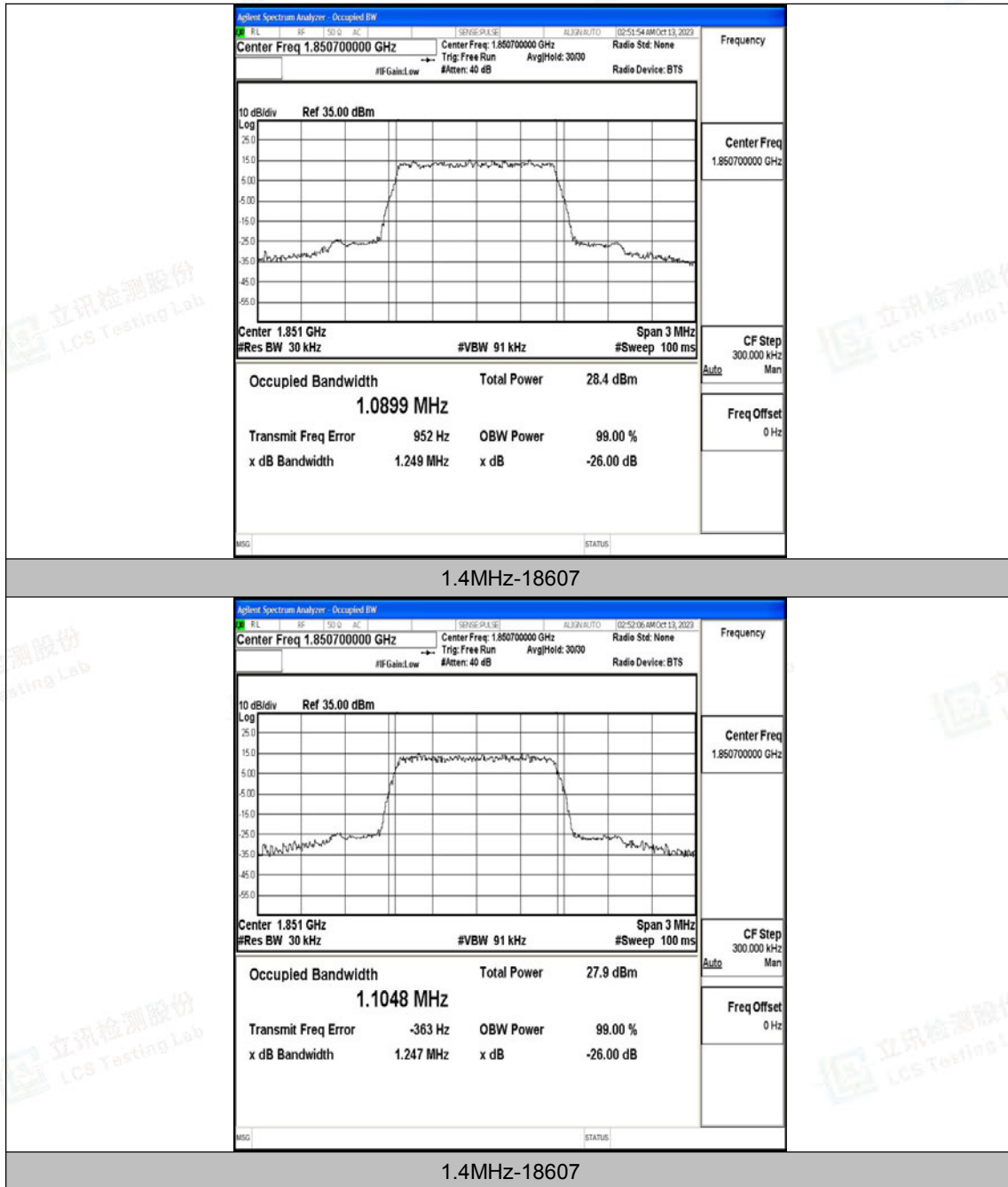
Band2	20MHz	QPSK	19100	100RB#0	18.025	19.71	PASS
Band2	20MHz	16QAM	19100	100RB#0	18.103	19.72	PASS

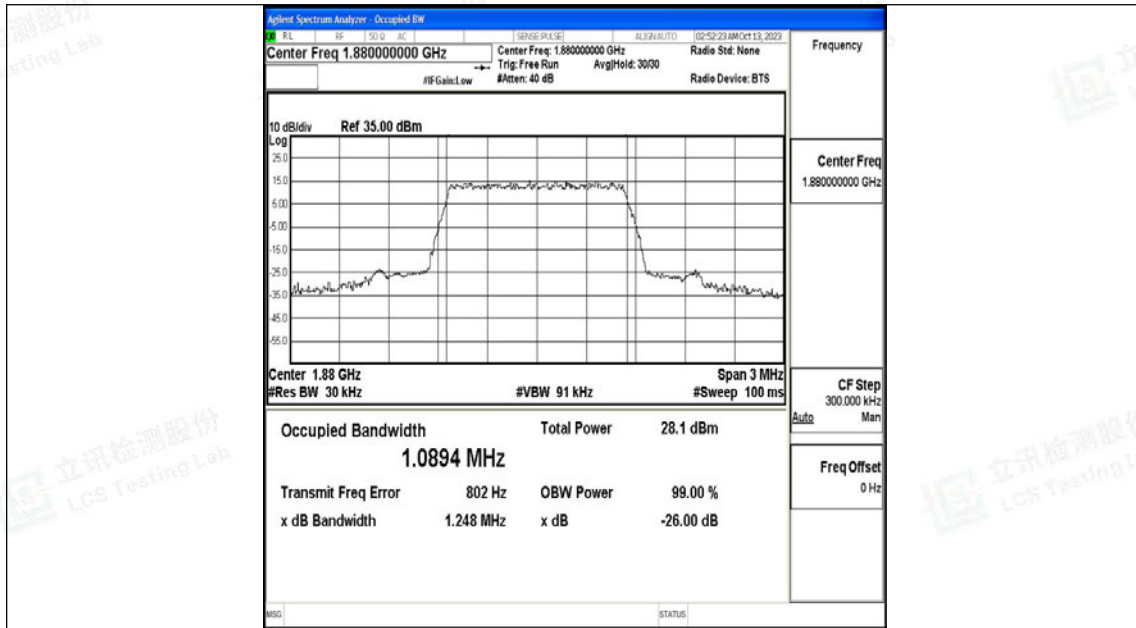


Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

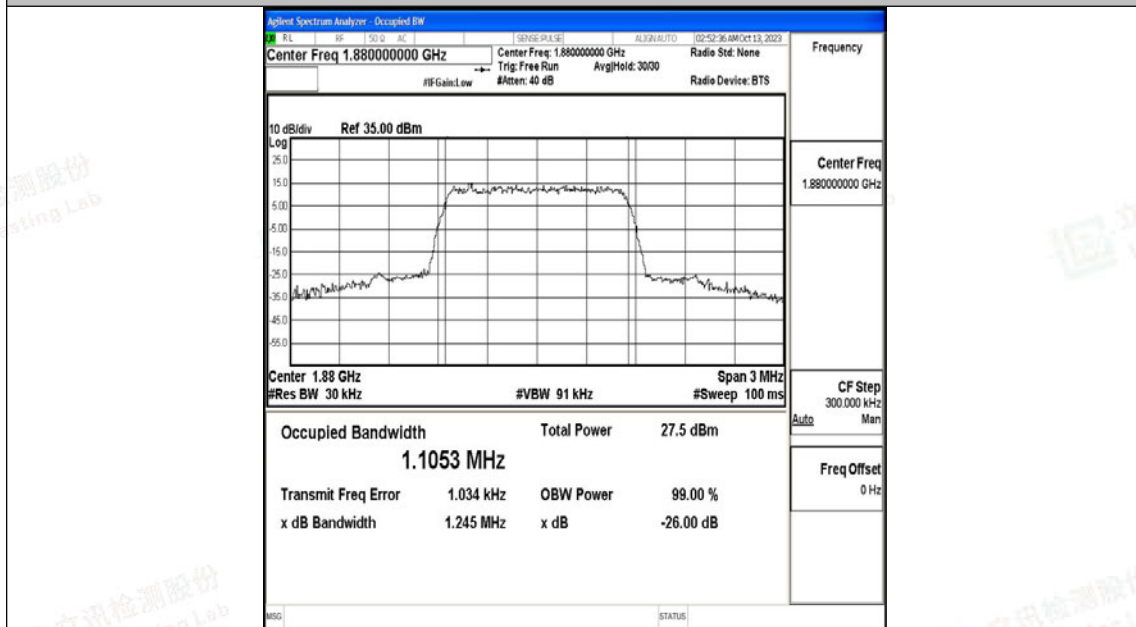


Test Graphs



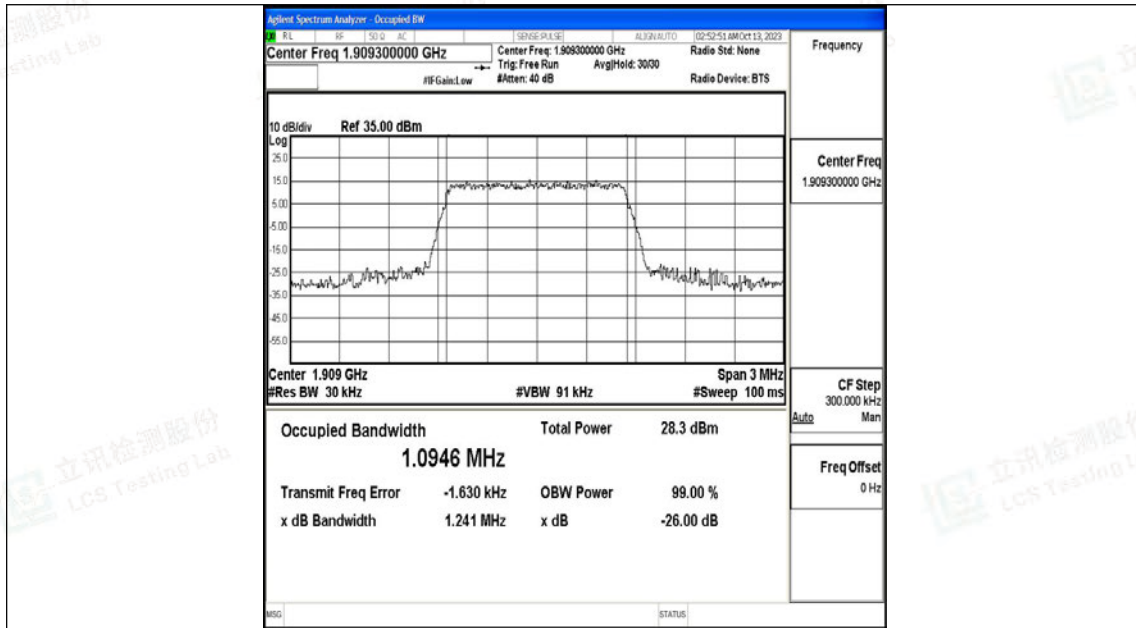


1.4MHz-18900

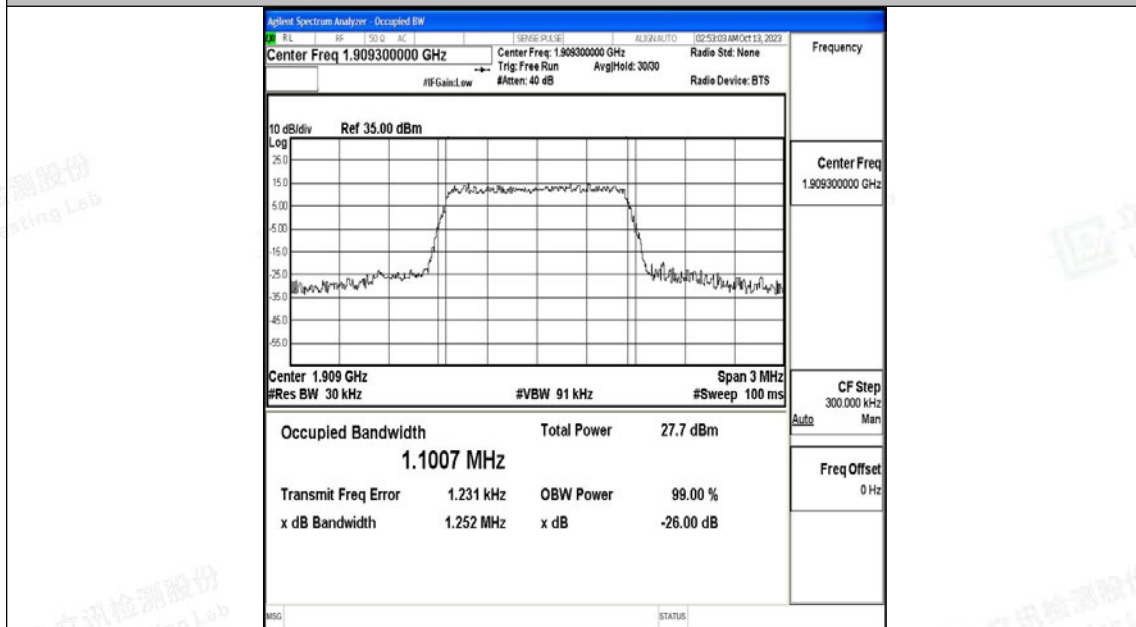


1.4MHz-18900



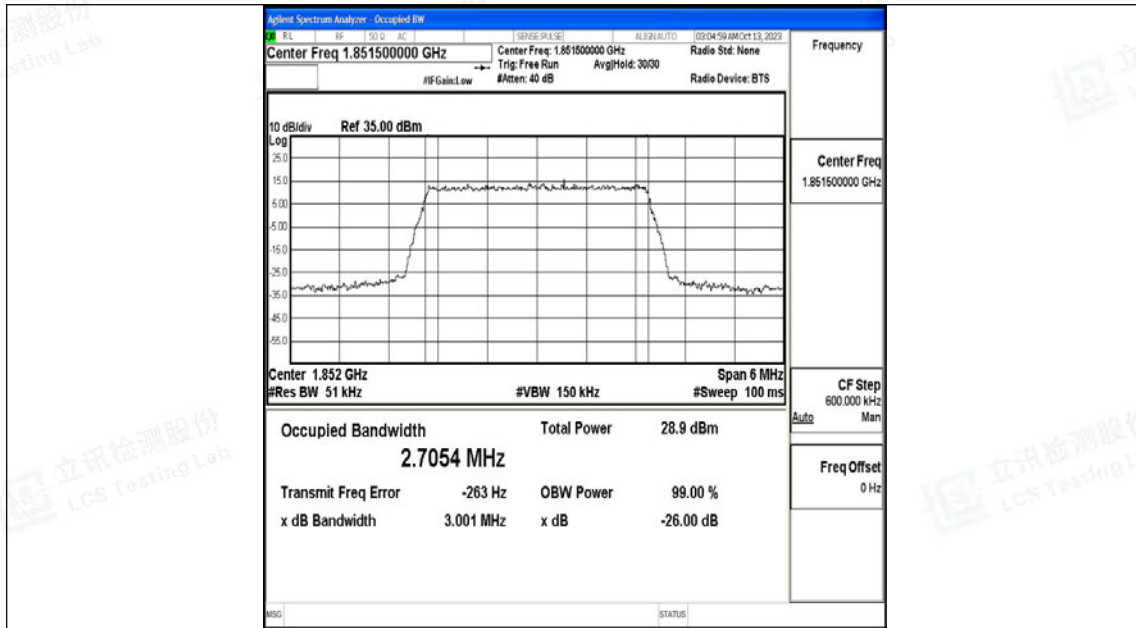


1.4MHz-19193

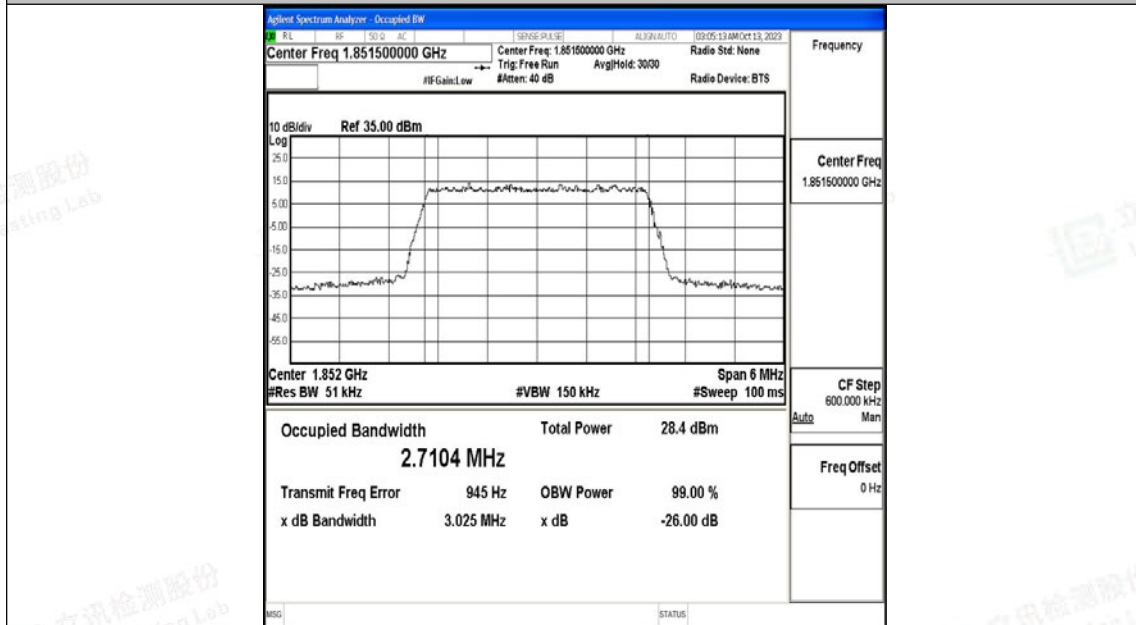


1.4MHz-19193



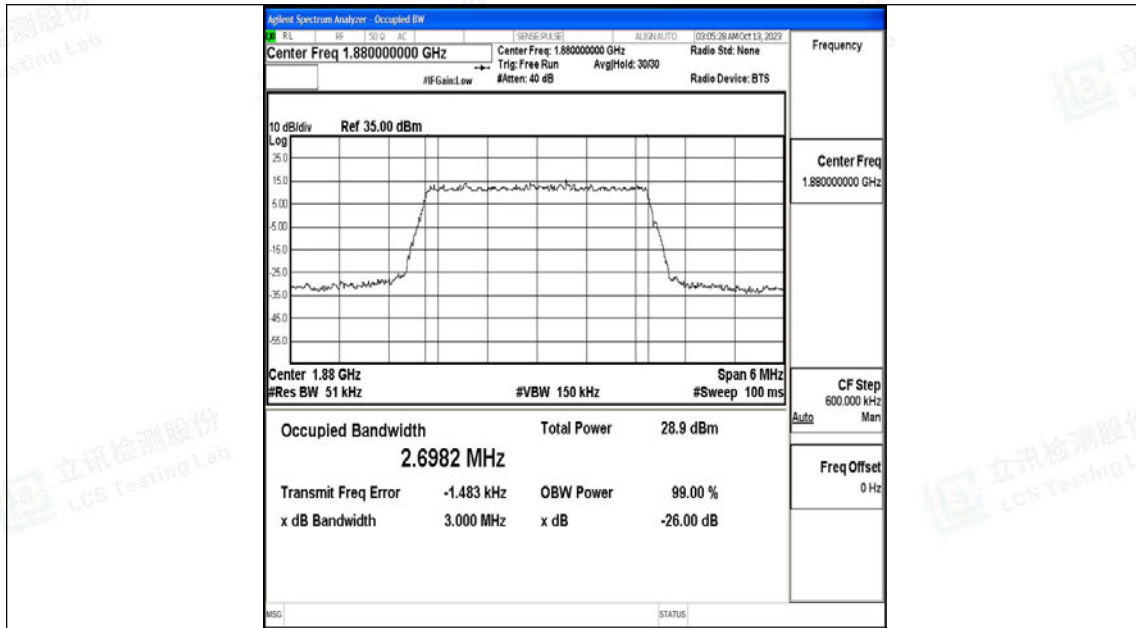


3MHz-18615

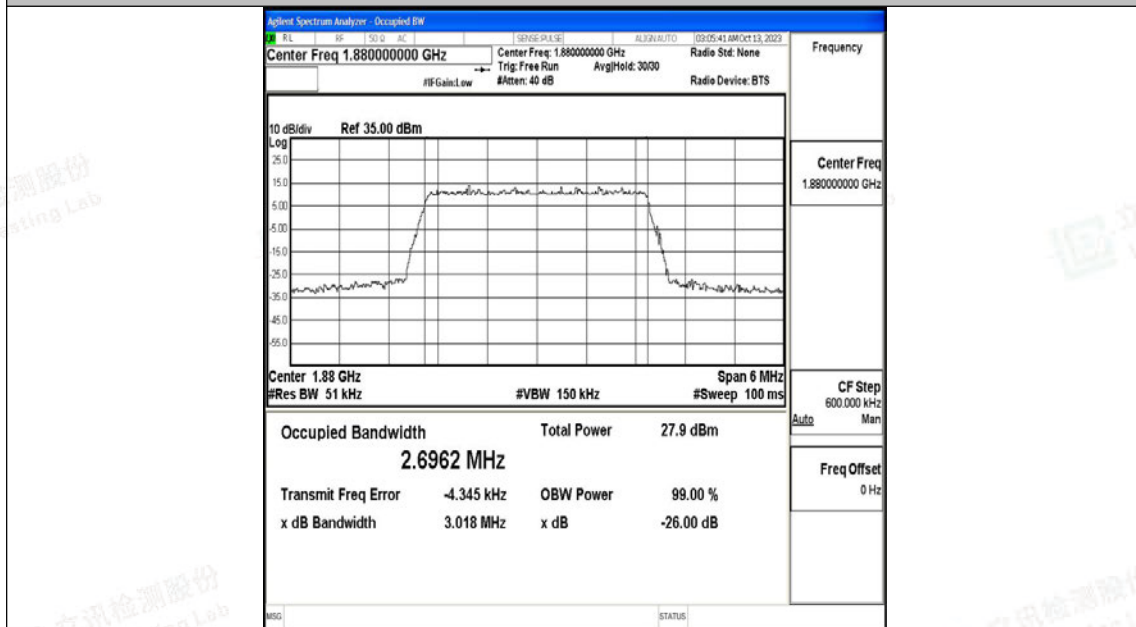


3MHz-18615



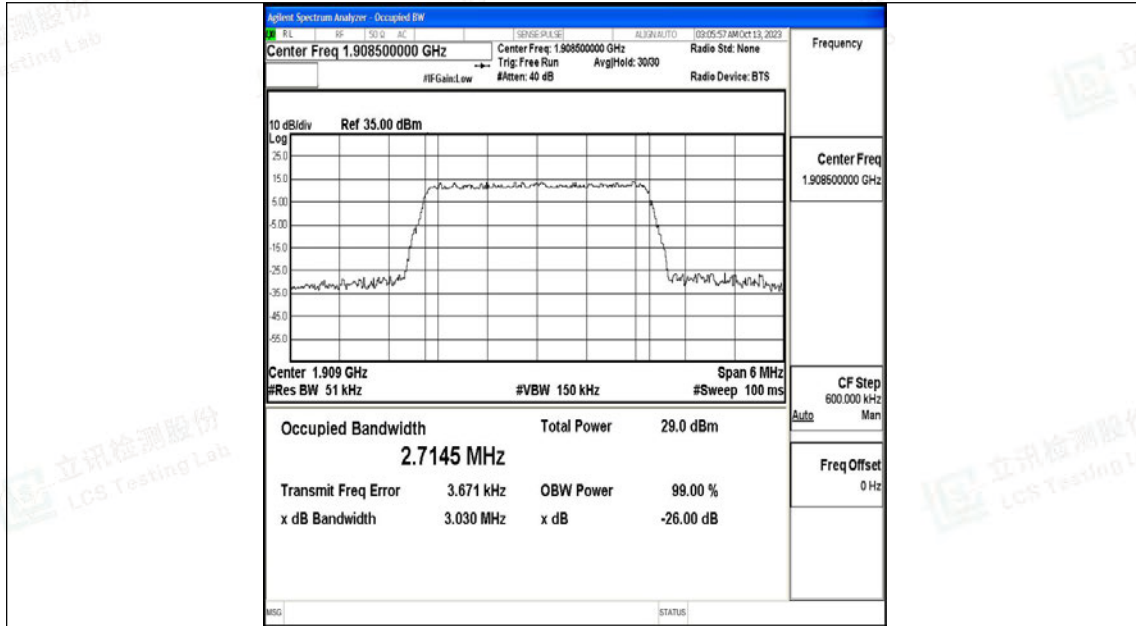


3MHz-18900

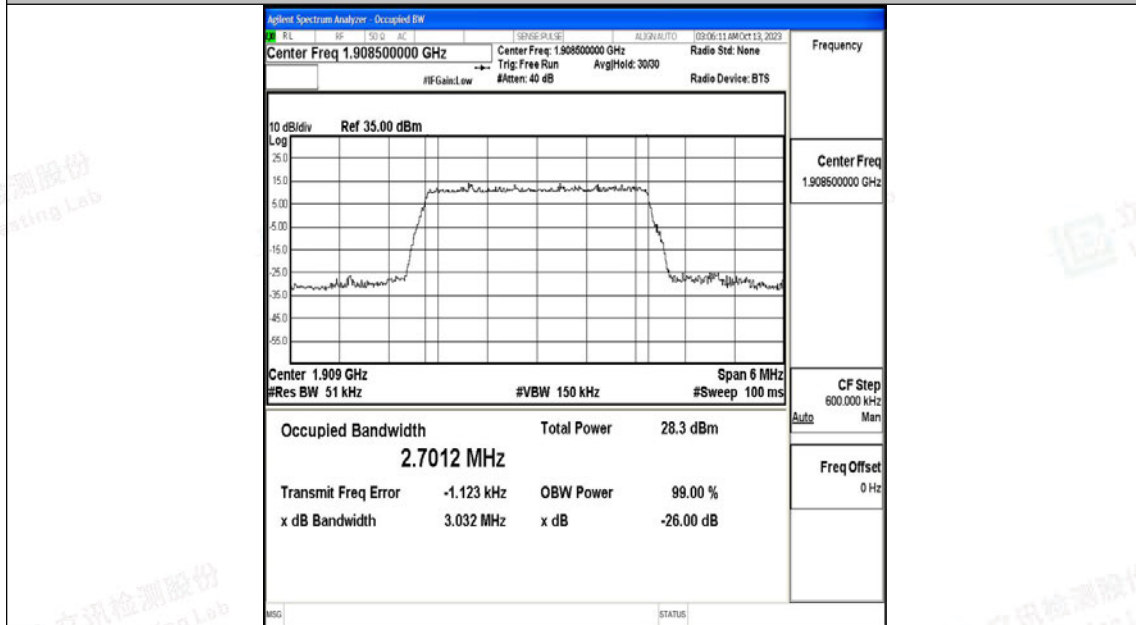


3MHz-18900





3MHz-19185

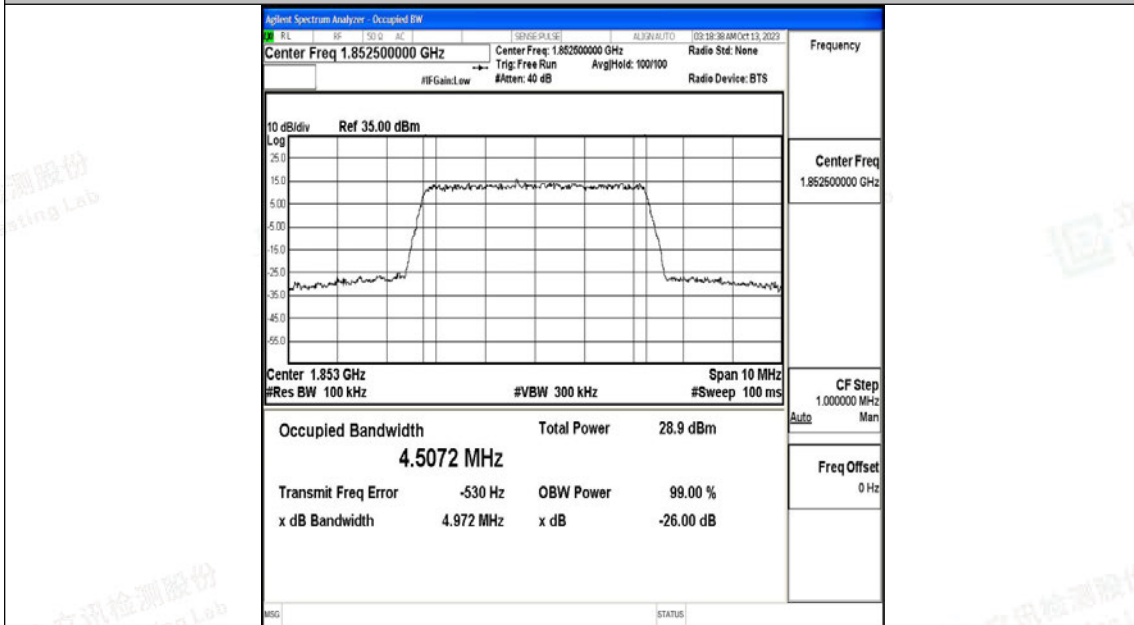


3MHz-19185



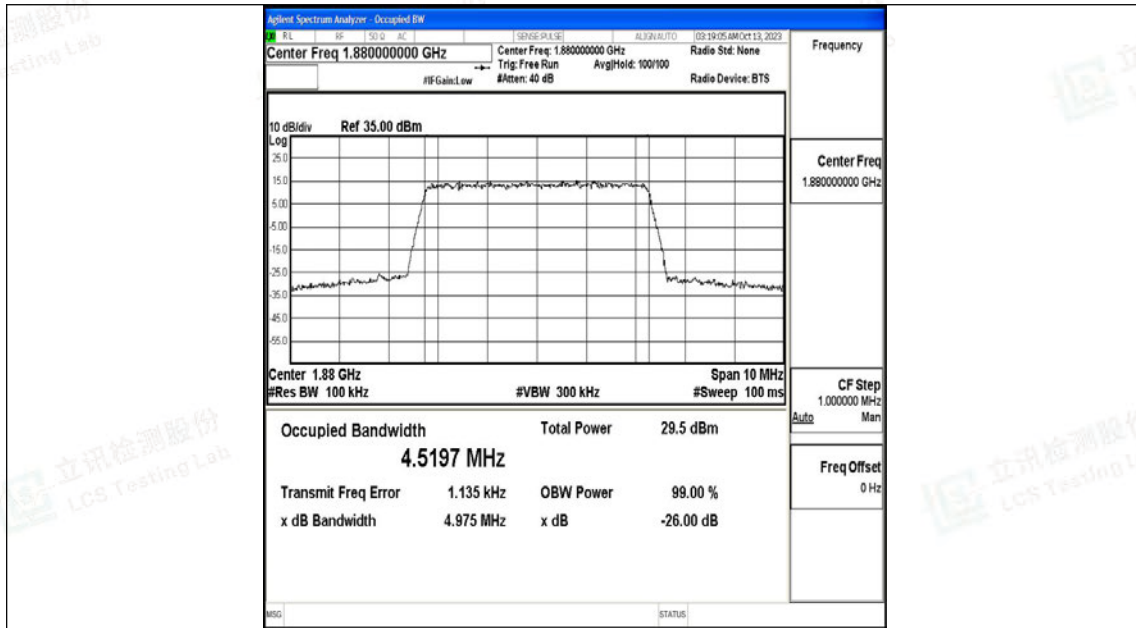


5MHz-18625



5MHz-18625



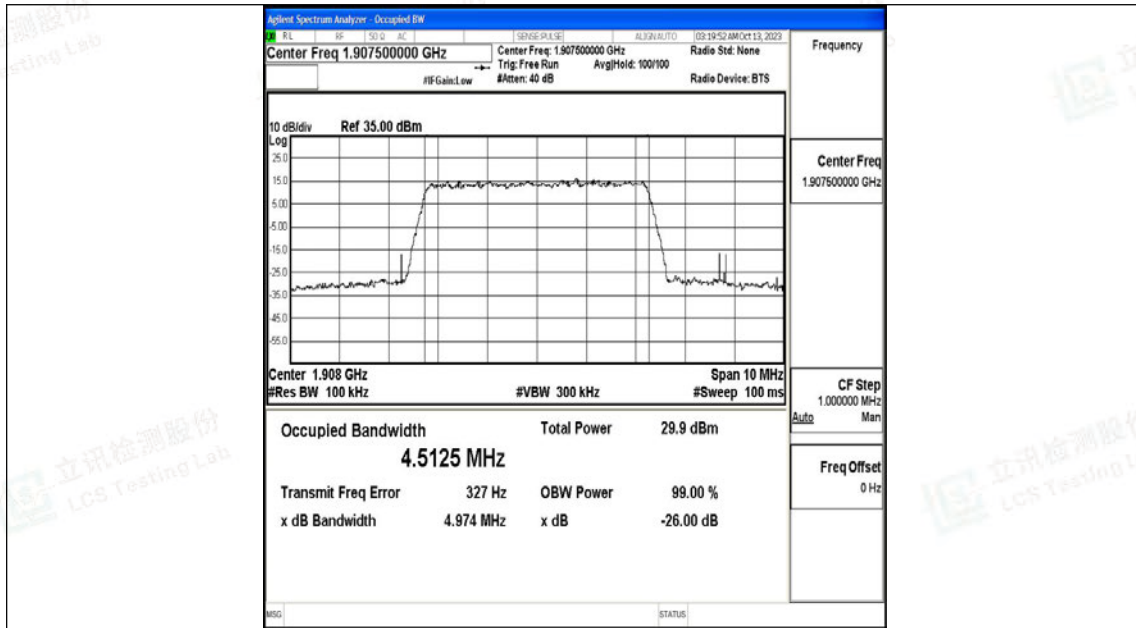


5MHz-18900

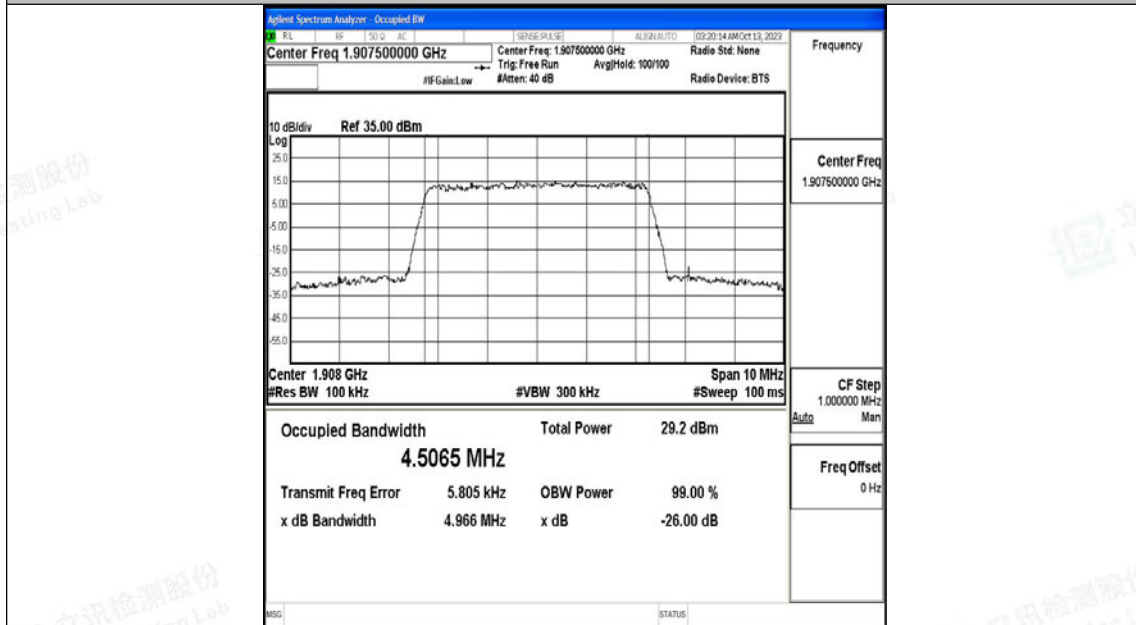


5MHz-18900



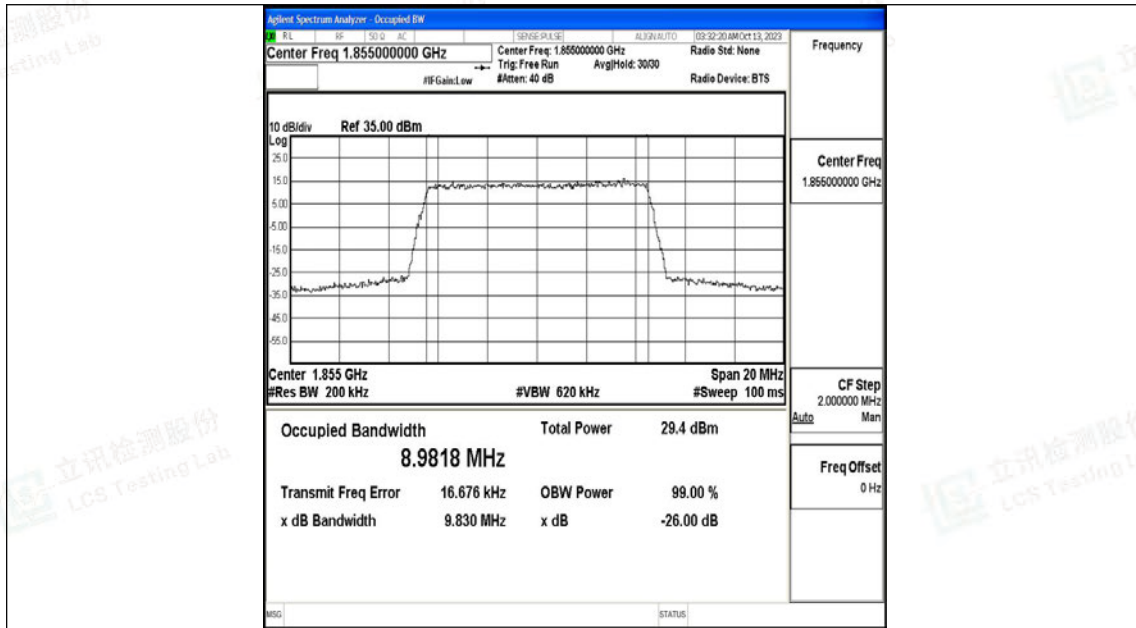


5MHz-19175

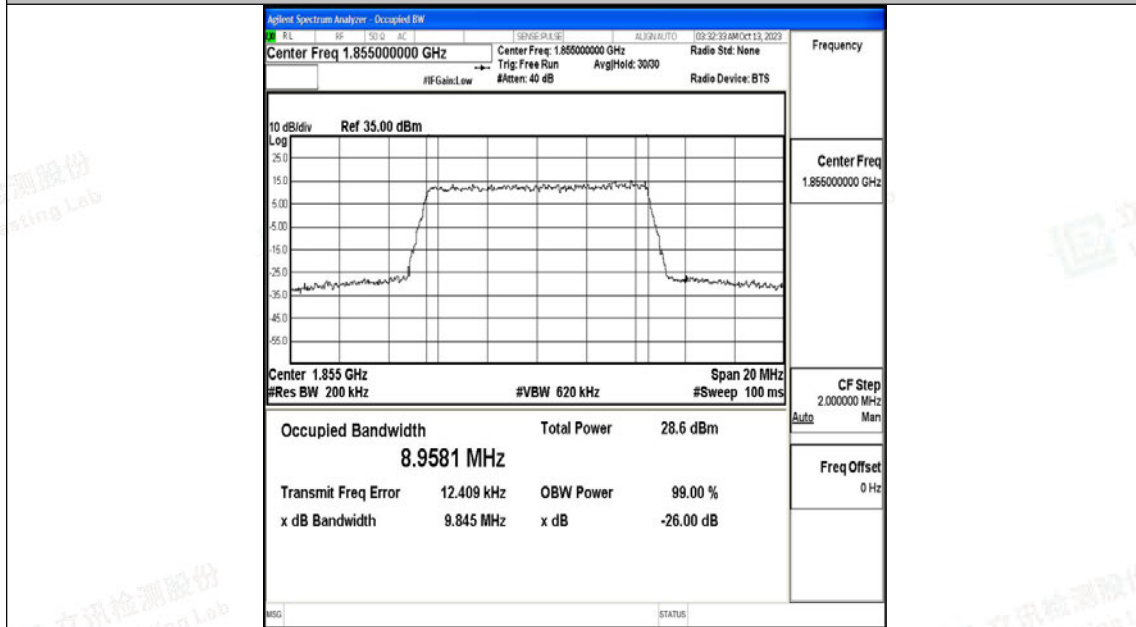


5MHz-19175



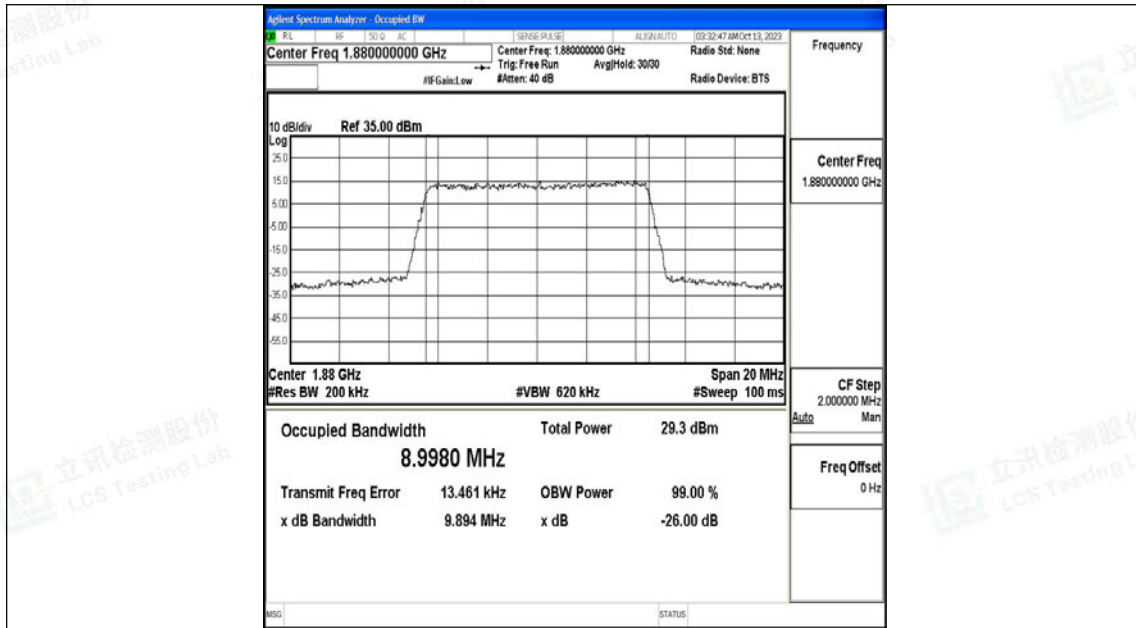


10MHz-18650

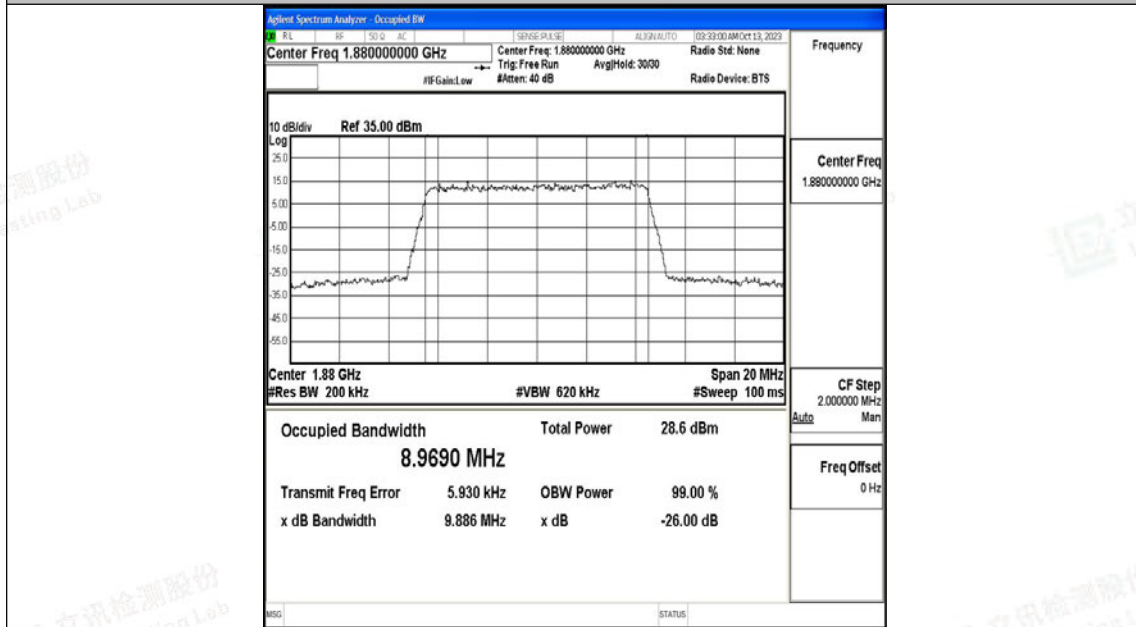


10MHz-18650



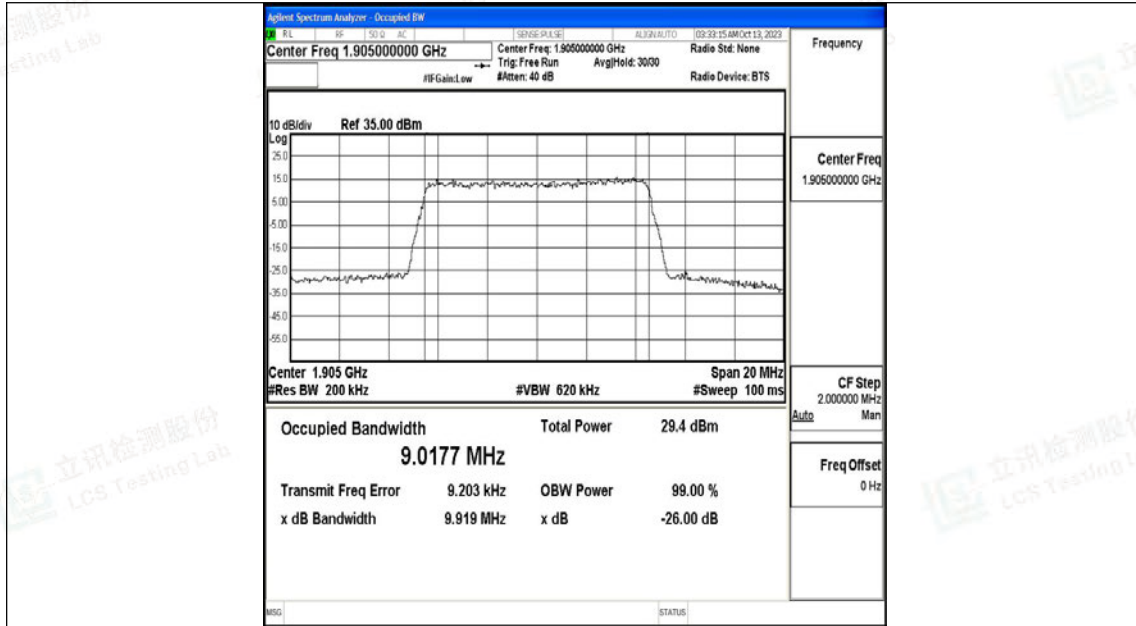


10MHz-18900



10MHz-18900



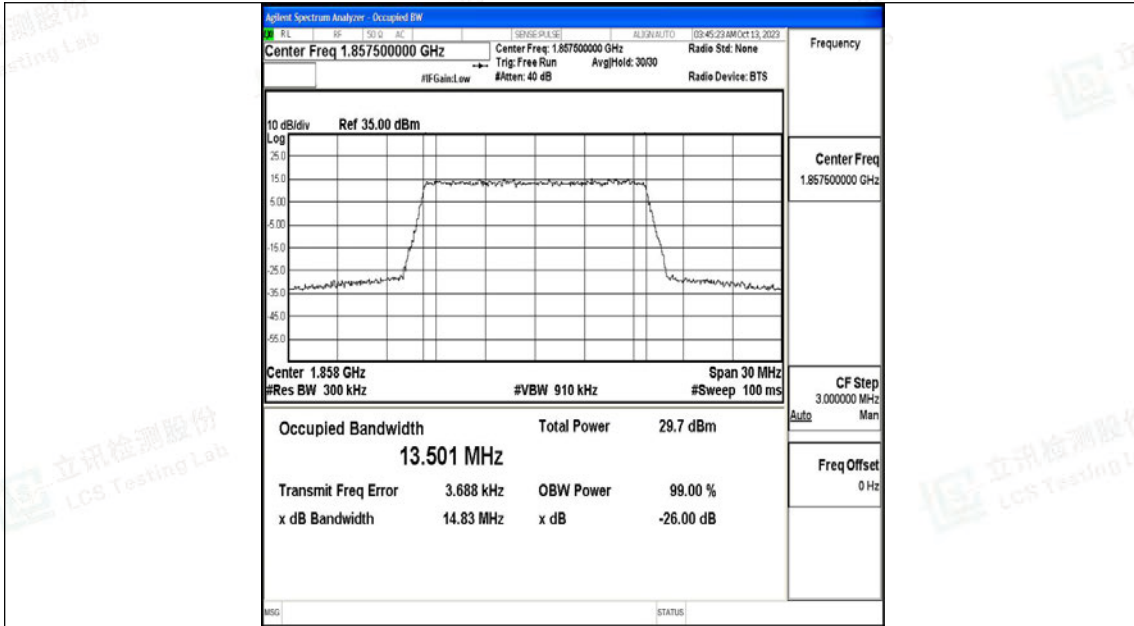


10MHz-19150

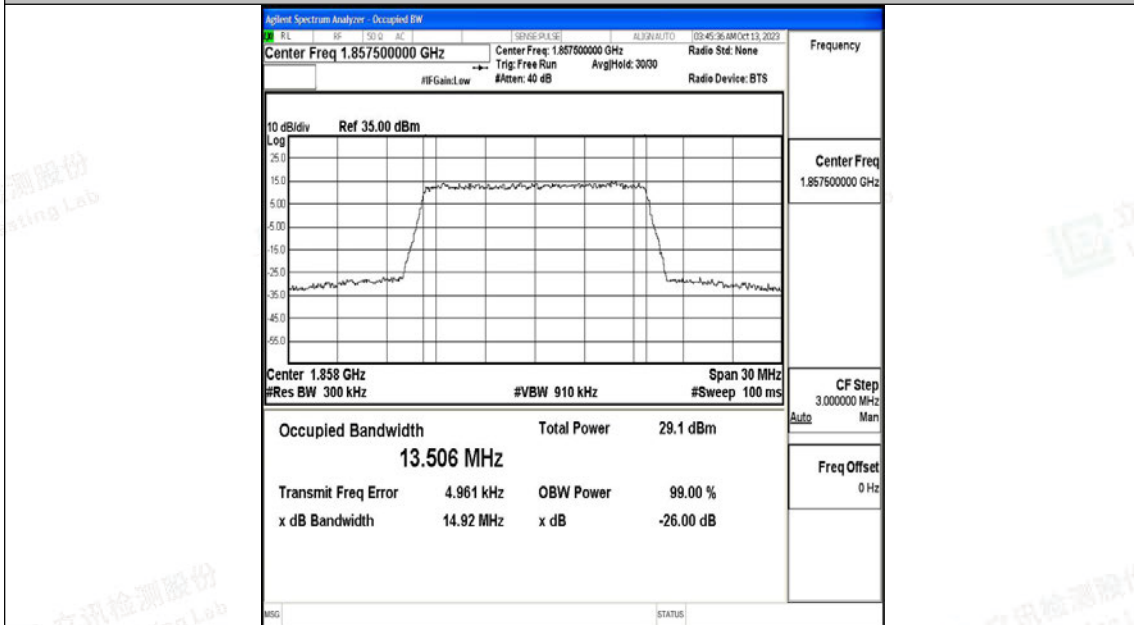


10MHz-19150



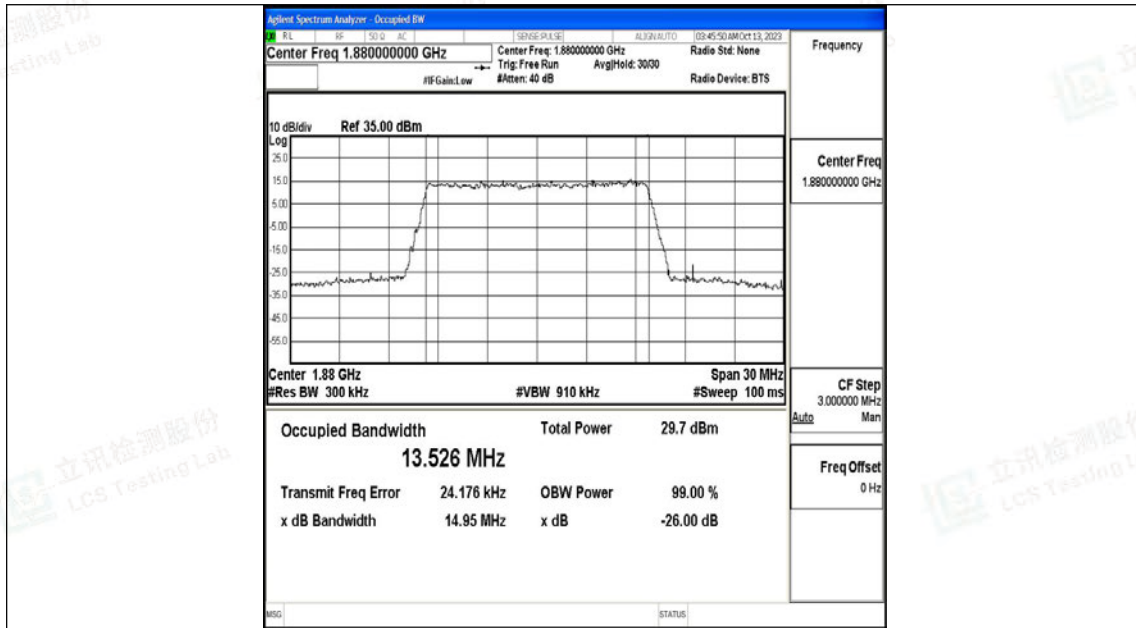


15MHz-18675

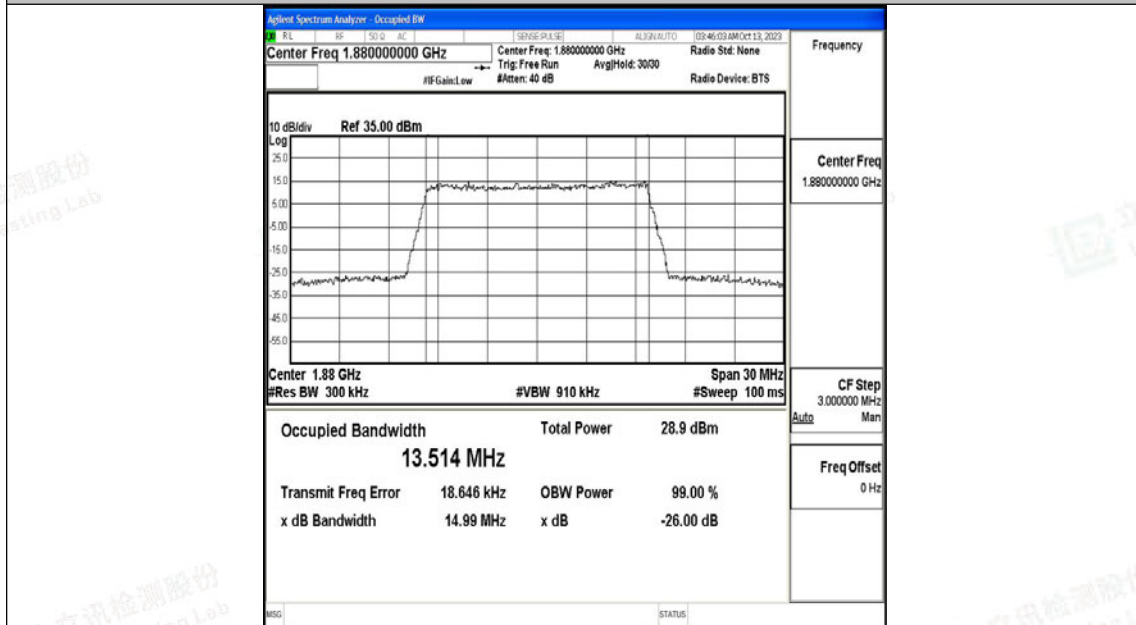


15MHz-18675





15MHz-18900



15MHz-18900





15MHz-19125

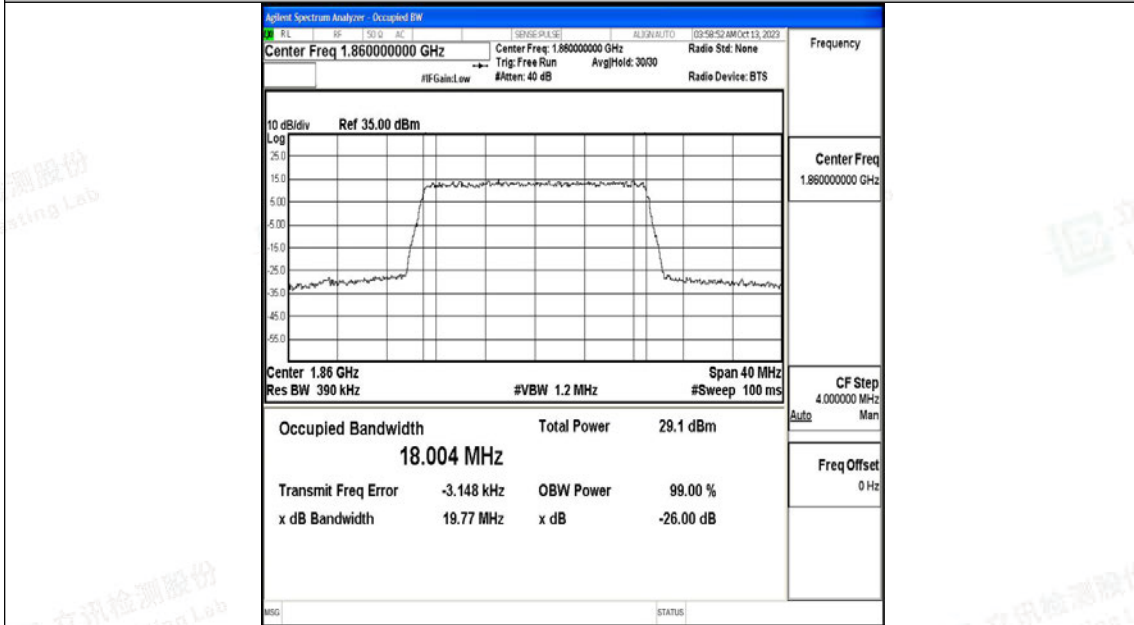


15MHz-19125



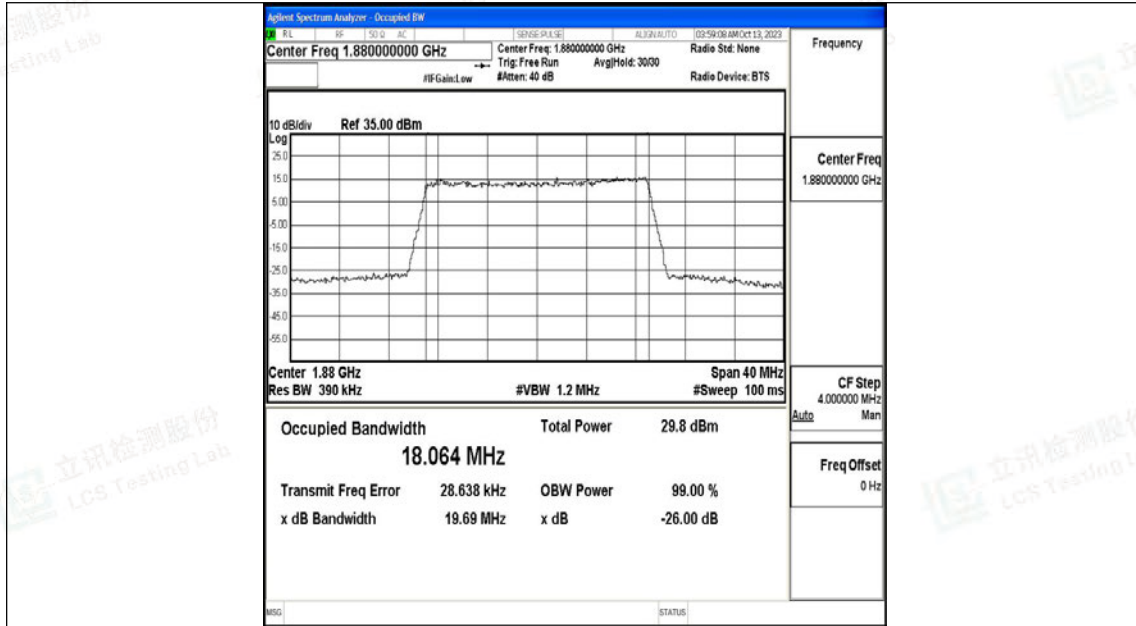


20MHz-18700

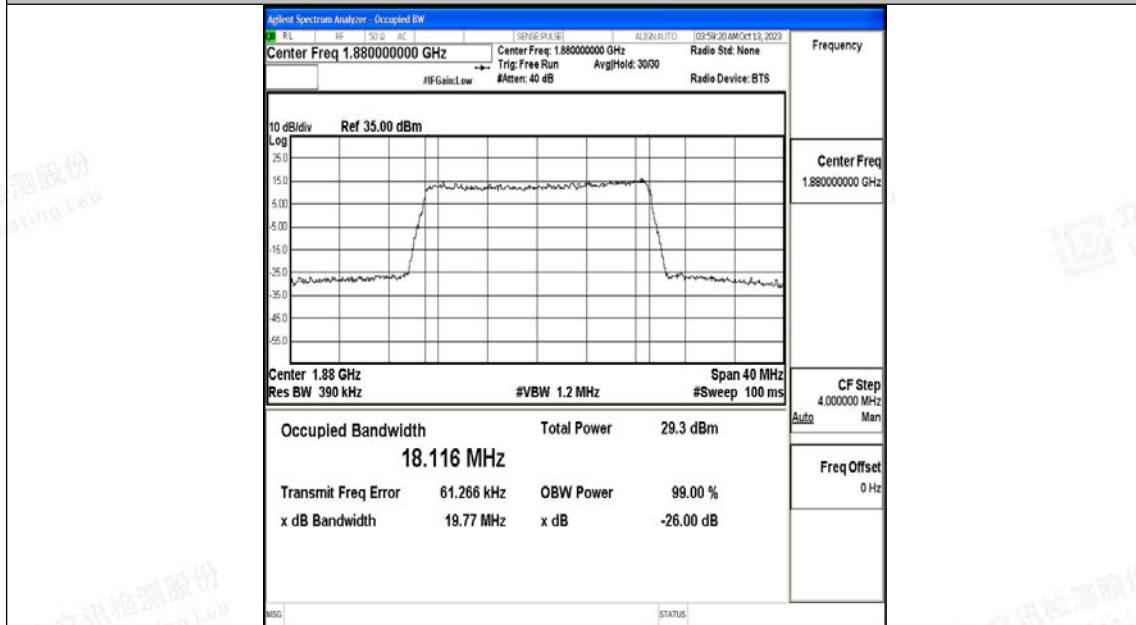


20MHz-18700



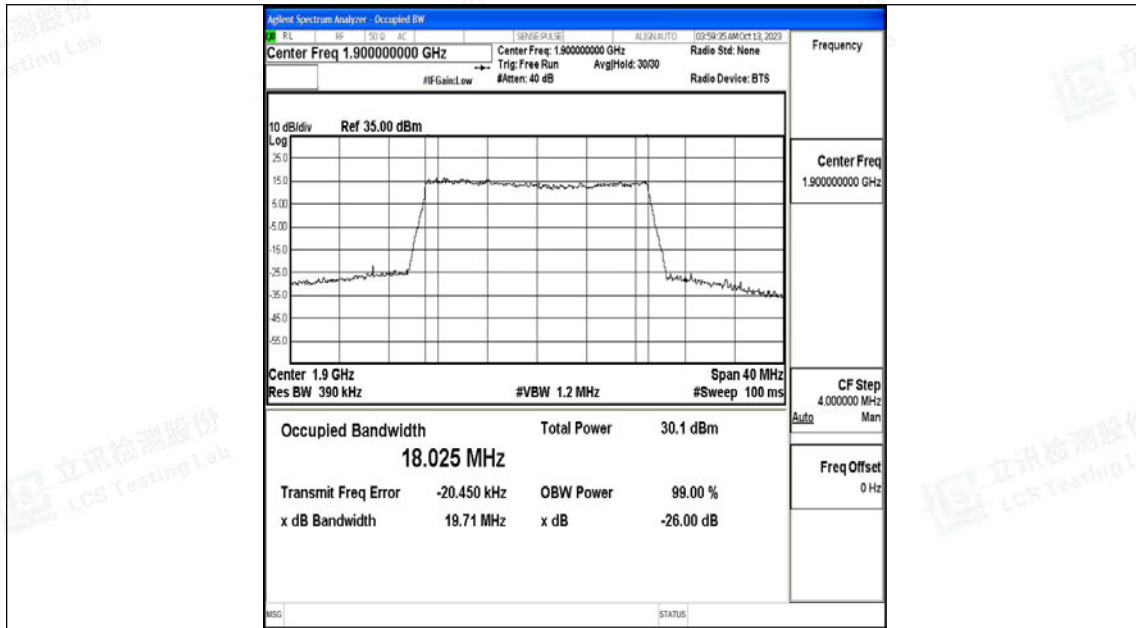


20MHz-18900



20MHz-18900





20MHz-19100



20MHz-19100





F.4 Band Edge

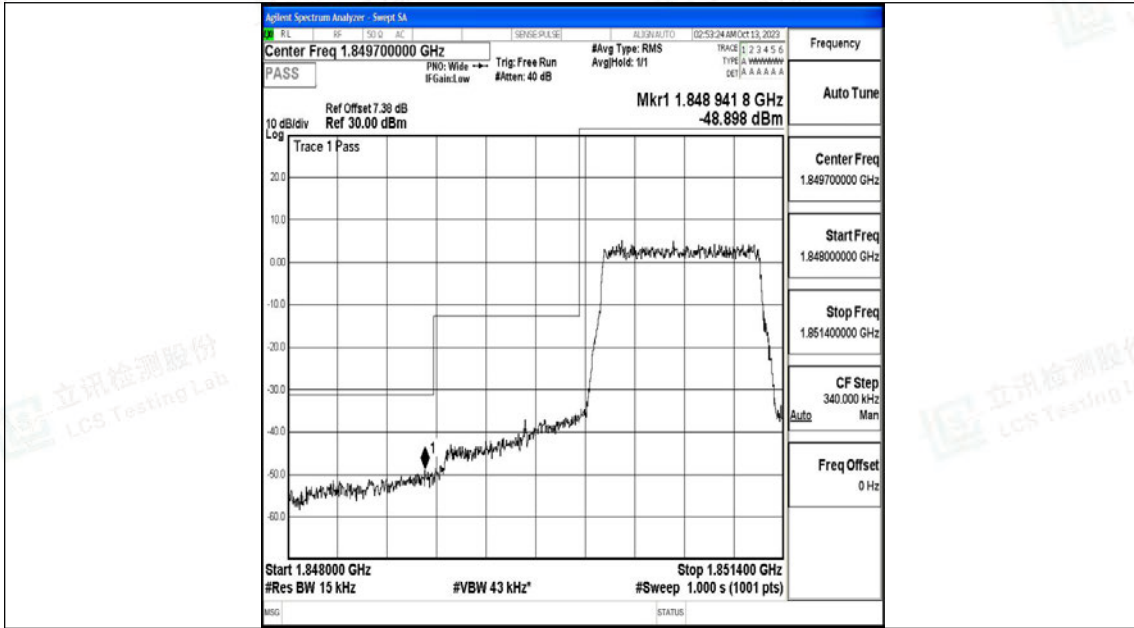
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1848.94	-48.90	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1848.95	-48.99	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1911.03	-44.03	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1911.07	-44.99	PASS
Band2	3MHz	QPSK	18615	15RB#0	1848.70	-41.60	PASS
Band2	3MHz	16QAM	18615	15RB#0	1849.00	-40.26	PASS
Band2	3MHz	QPSK	19185	15RB#0	1911.27	-41.34	PASS
Band2	3MHz	16QAM	19185	15RB#0	1911.22	-40.16	PASS
Band2	5MHz	QPSK	18625	25RB#0	1848.92	-40.38	PASS
Band2	5MHz	16QAM	18625	25RB#0	1848.95	-40.00	PASS
Band2	5MHz	QPSK	19175	25RB#0	1911.02	-41.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	1911.12	-39.86	PASS
Band2	10MHz	QPSK	18650	50RB#0	1849.00	-39.91	PASS
Band2	10MHz	16QAM	18650	50RB#0	1848.96	-39.78	PASS
Band2	10MHz	QPSK	19150	50RB#0	1911.02	-39.26	PASS
Band2	10MHz	16QAM	19150	50RB#0	1911.23	-38.77	PASS
Band2	15MHz	QPSK	18675	75RB#0	1848.85	-39.35	PASS
Band2	15MHz	16QAM	18675	75RB#0	1848.92	-38.81	PASS
Band2	15MHz	QPSK	19125	75RB#0	1911.13	-38.43	PASS
Band2	15MHz	16QAM	19125	75RB#0	1911.24	-37.92	PASS
Band2	20MHz	QPSK	18700	100RB#0	1848.77	-39.80	PASS
Band2	20MHz	16QAM	18700	100RB#0	1848.81	-39.80	PASS
Band2	20MHz	QPSK	19100	100RB#0	1911.12	-39.98	PASS
Band2	20MHz	16QAM	19100	100RB#0	1911.36	-39.06	PASS

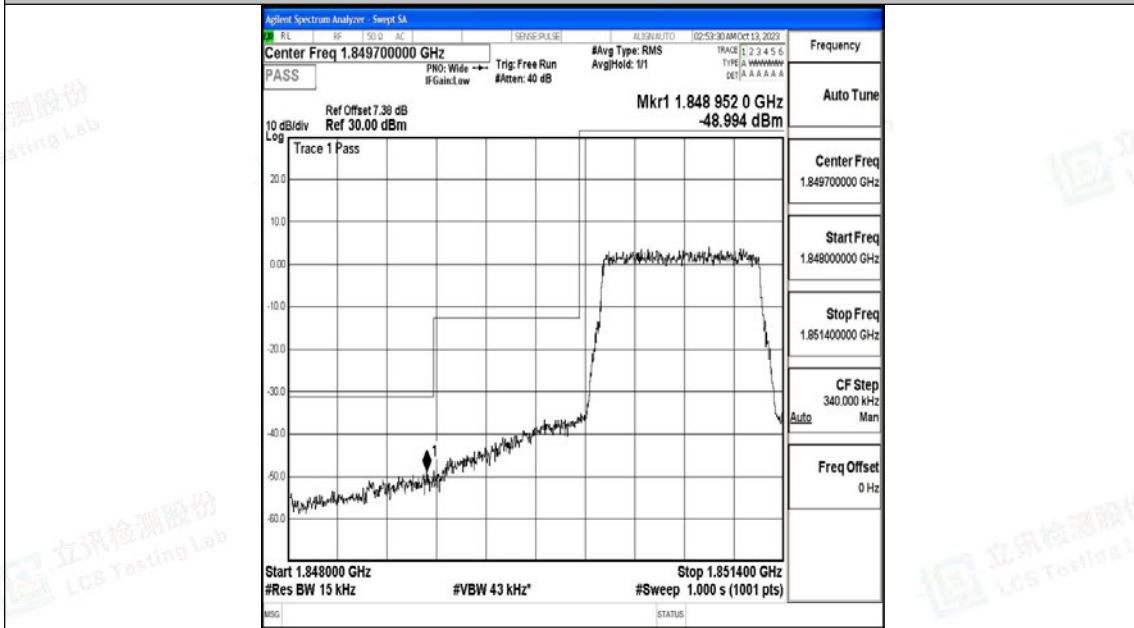




Test Graphs

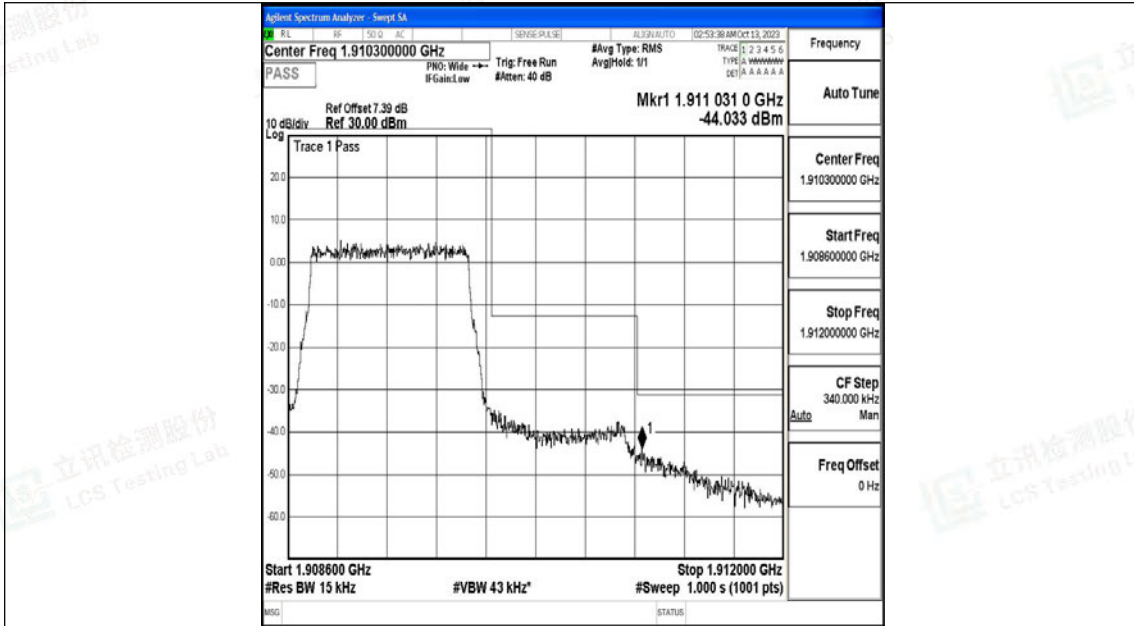


Band2_1.4MHz_QPSK_18607_6RB#0

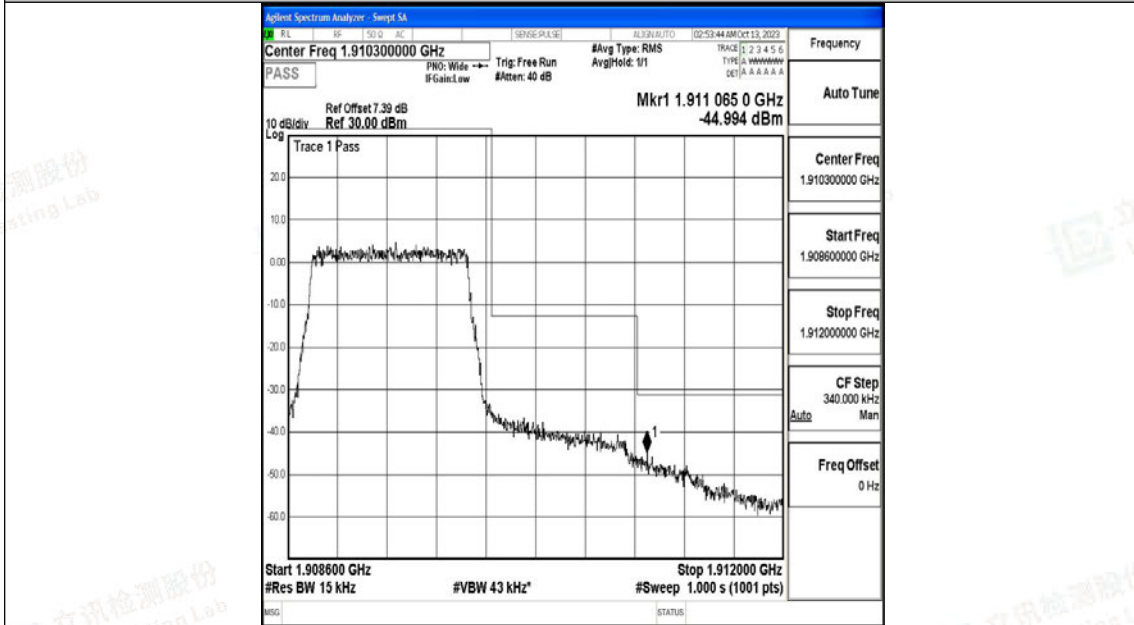


Band2_1.4MHz_16QAM_18607_6RB#0



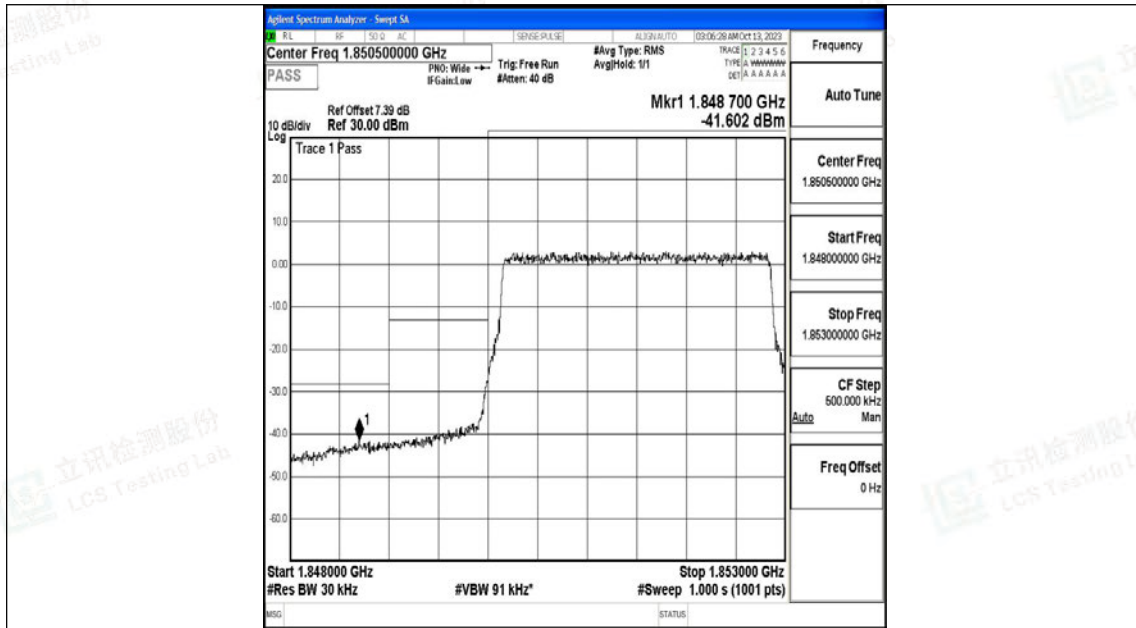


Band2_1.4MHz_QPSK_19193_6RB#0

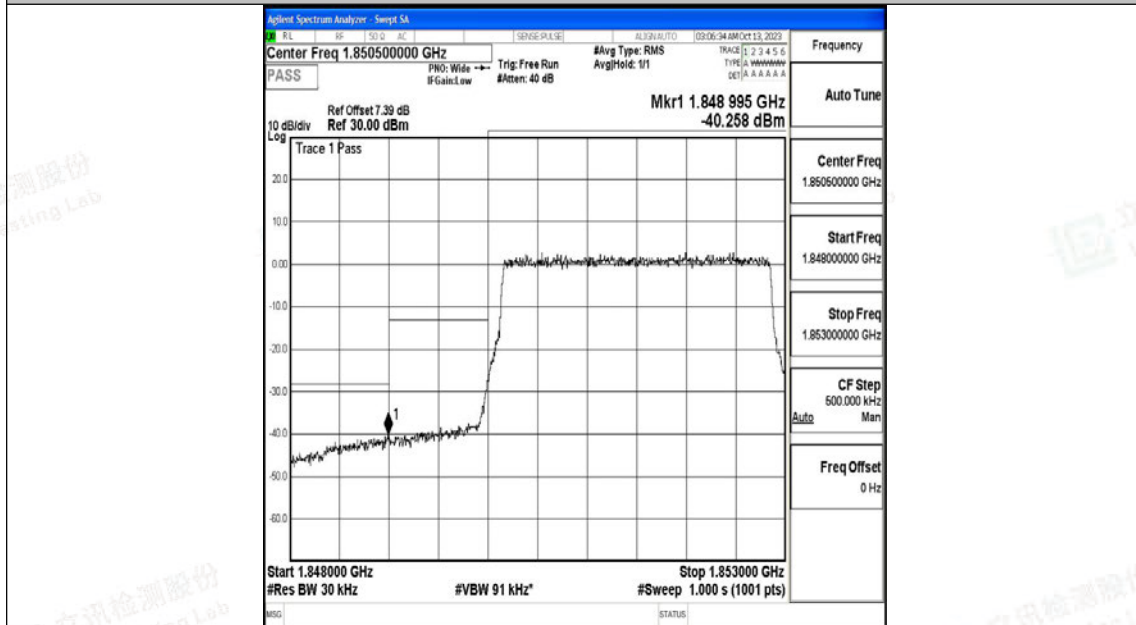


Band2_1.4MHz_16QAM_19193_6RB#0



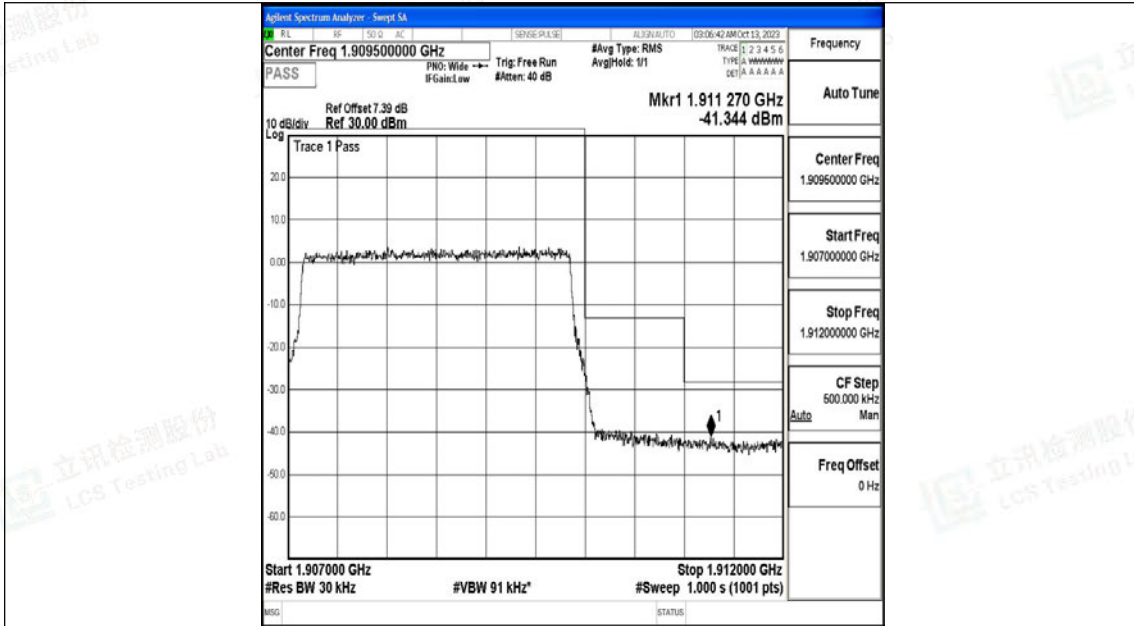


Band2_3MHz_QPSK_18615_15RB#0

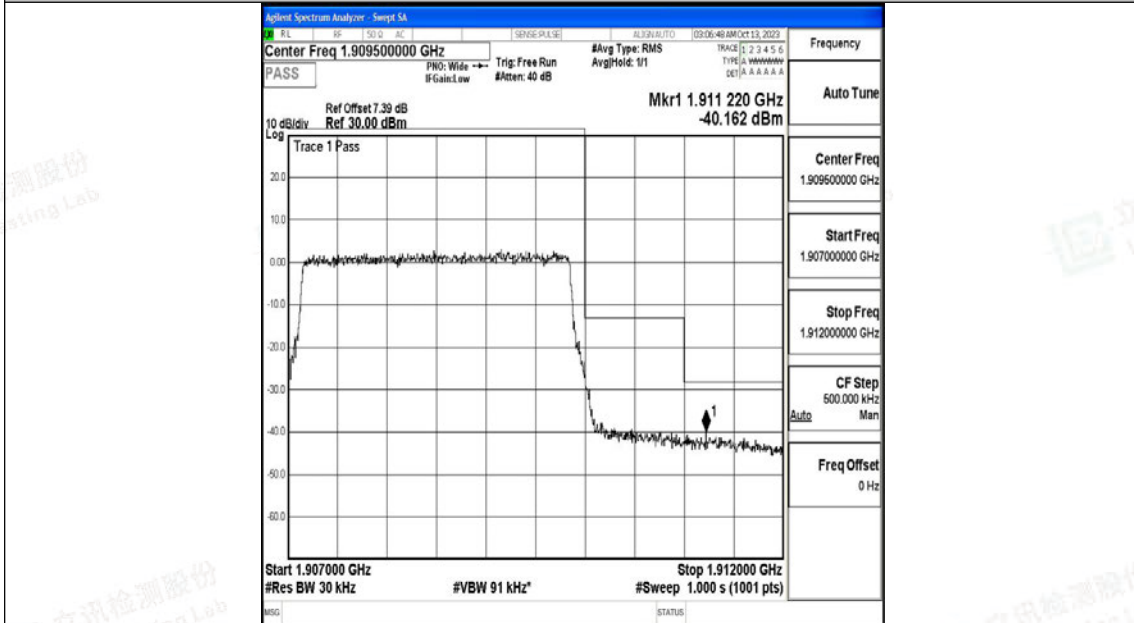


Band2_3MHz_16QAM_18615_15RB#0



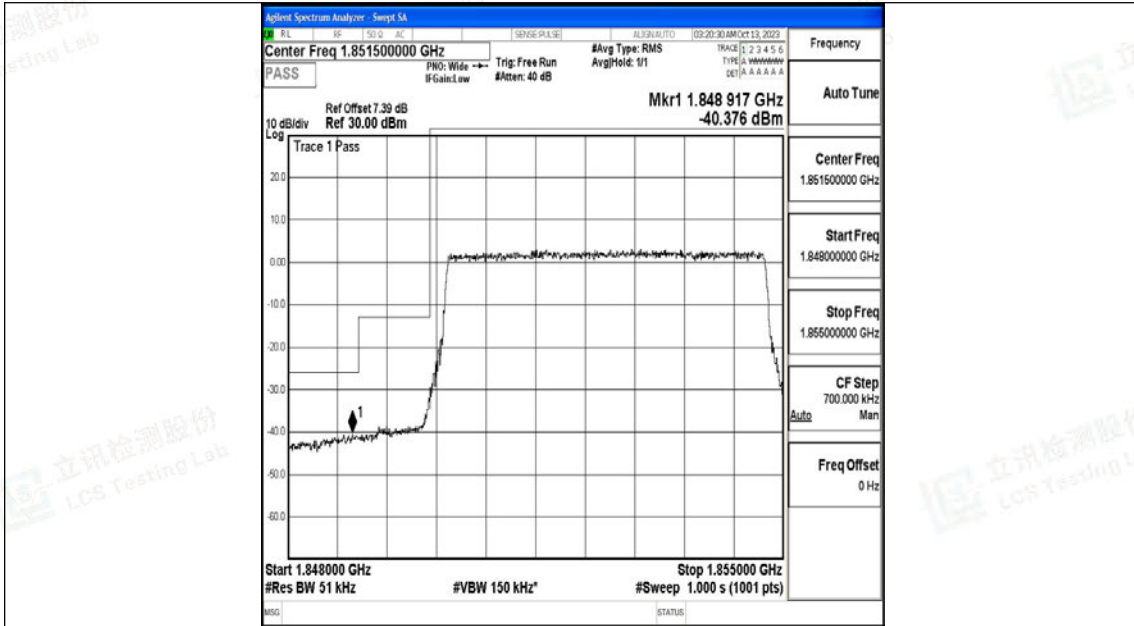


Band2_3MHz_QPSK_19185_15RB#0

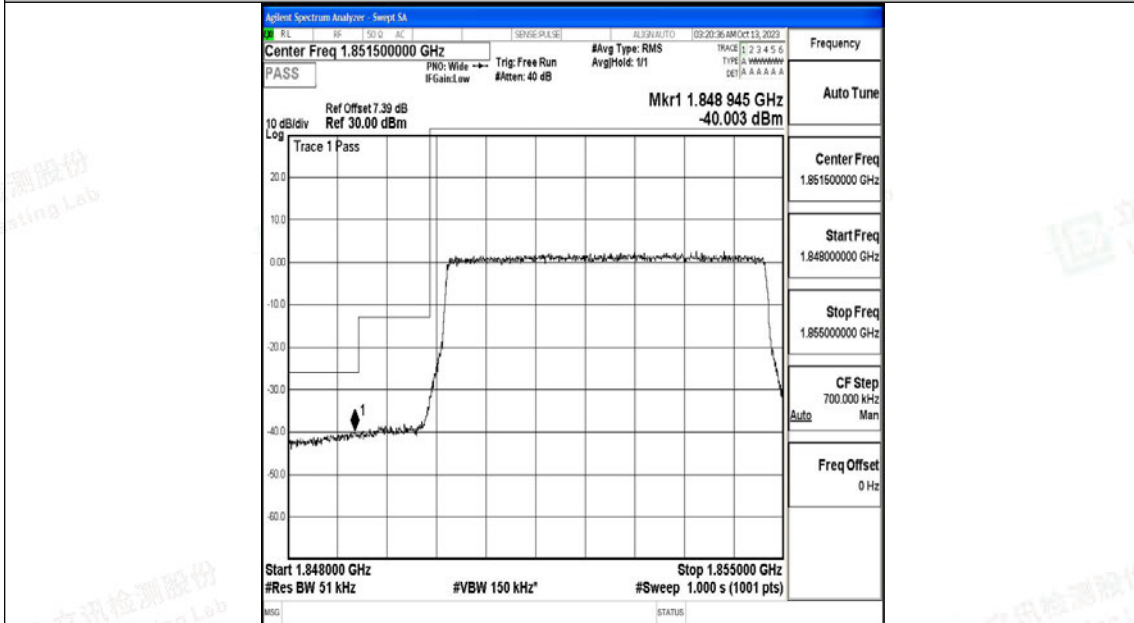


Band2_3MHz_16QAM_19185_15RB#0



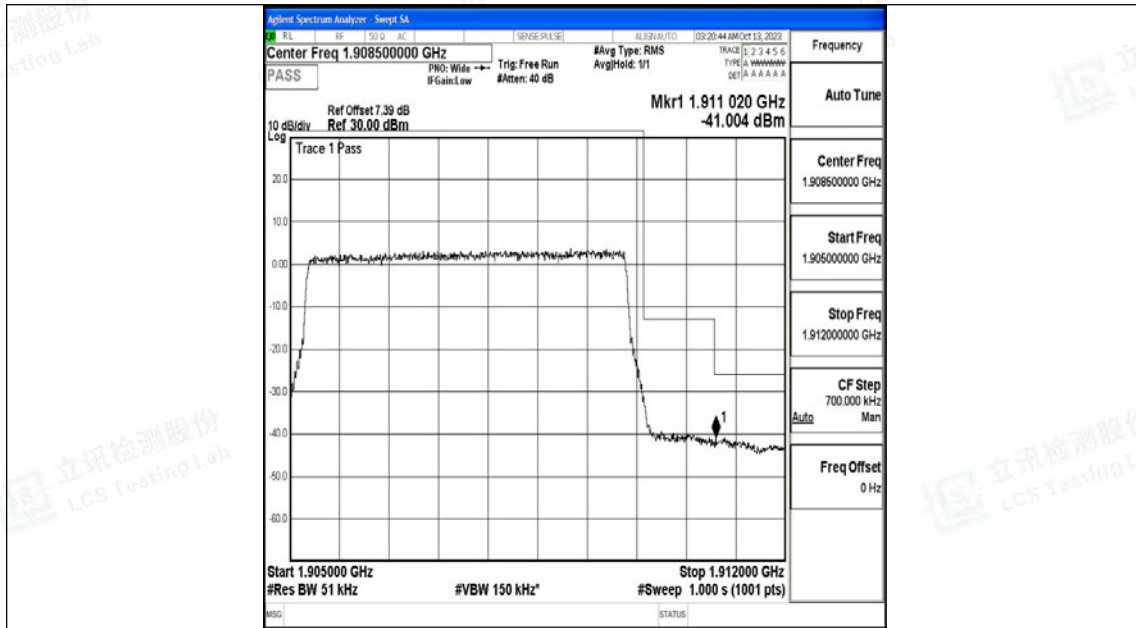


Band2_5MHz_QPSK_18625_25RB#0

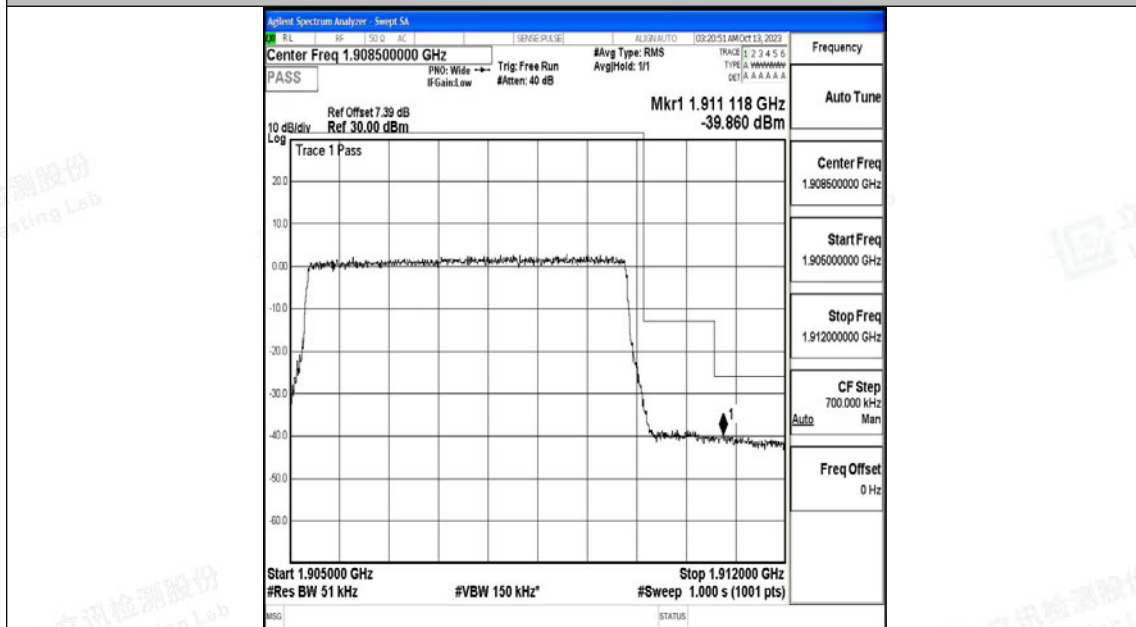


Band2_5MHz_16QAM_18625_25RB#0



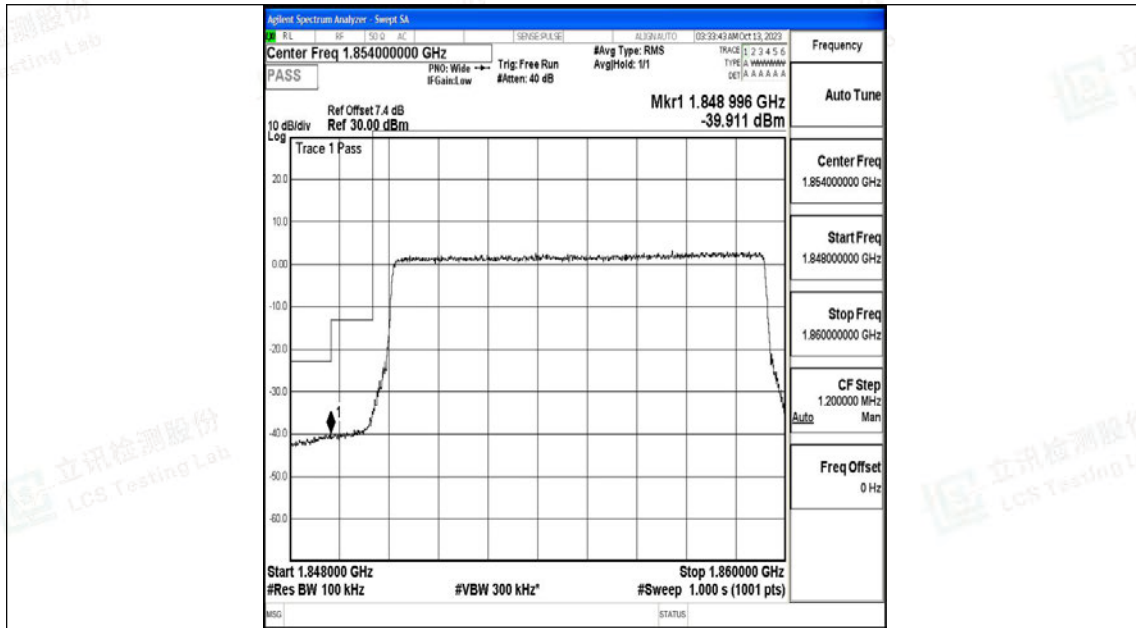


Band2_5MHz_QPSK_19175_25RB#0

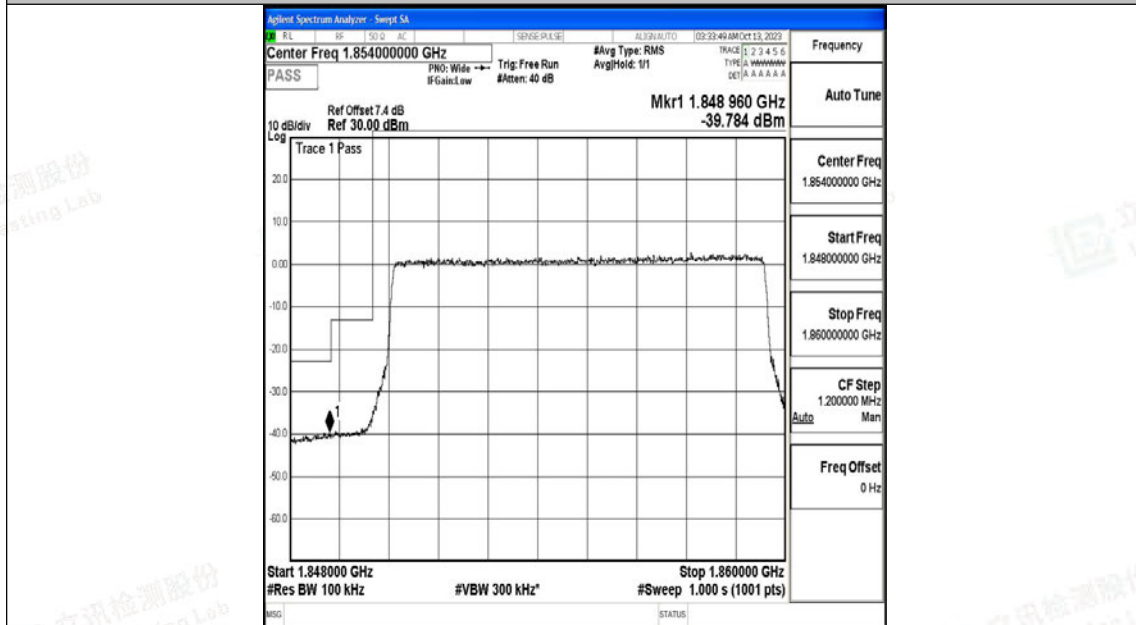


Band2_5MHz_16QAM_19175_25RB#0



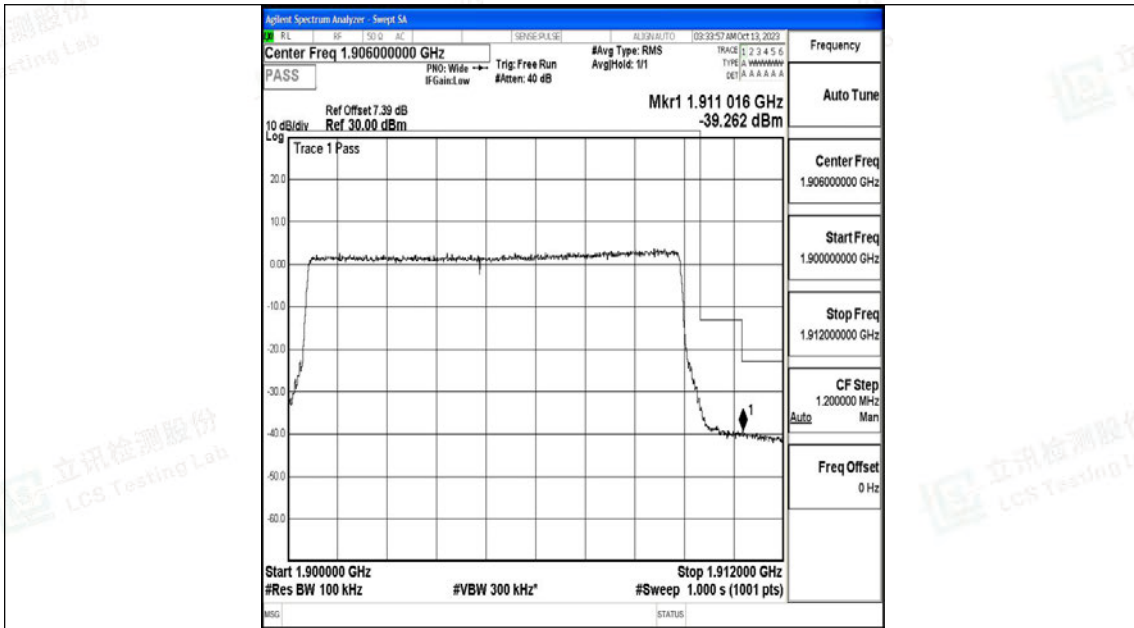


Band2_10MHz_QPSK_18650_50RB#0

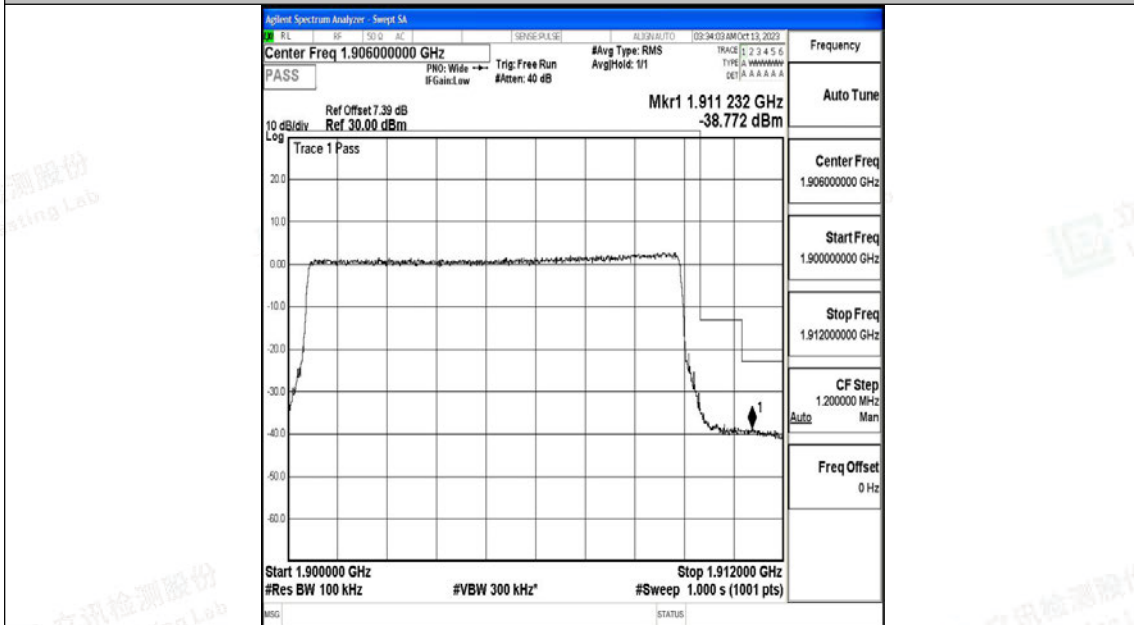


Band2_10MHz_16QAM_18650_50RB#0



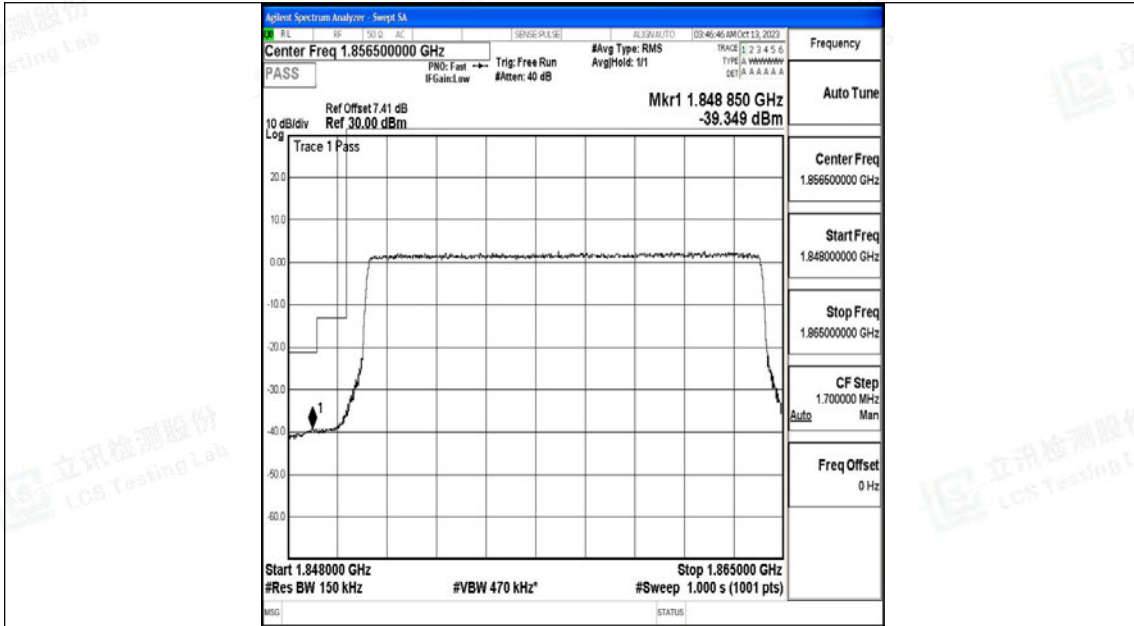


Band2_10MHz_QPSK_19150_50RB#0

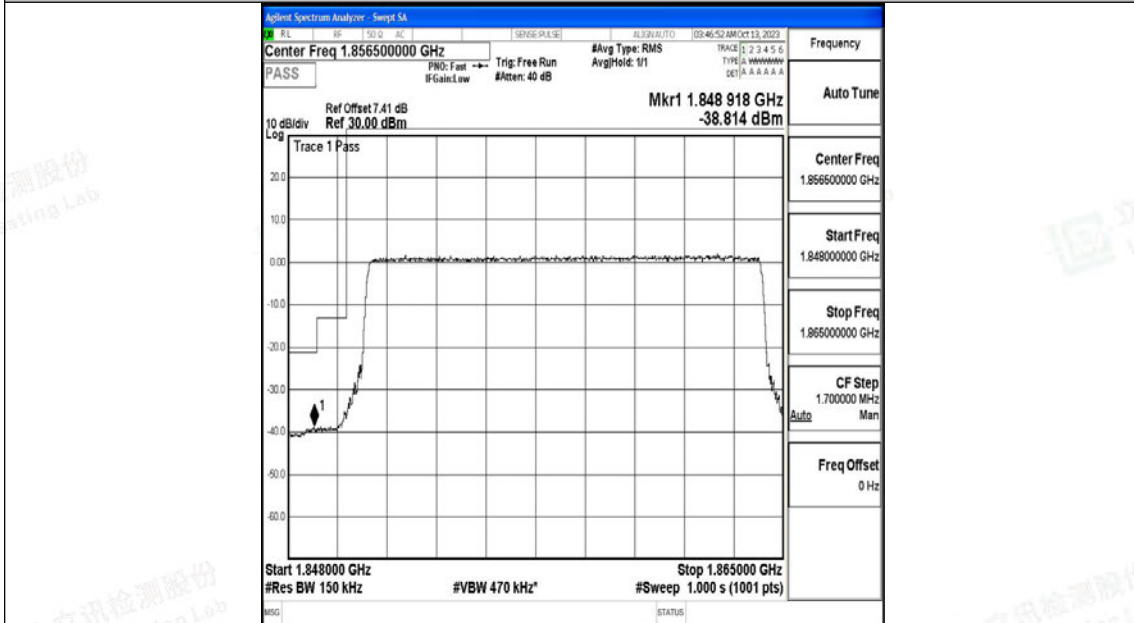


Band2_10MHz_16QAM_19150_50RB#0





Band2_15MHz_QPSK_18675_75RB#0



Band2_15MHz_16QAM_18675_75RB#0

