



Appendix H: Test Data for E-UTRA Band 5

Product Name: Tablet

Test Model: HPAD-T80

Environmental Conditions

Temperature:	24.1°C
Relative Humidity:	53.4%
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



H.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.71	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.70	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.98	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	24.06	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.91	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.90	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.90	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	23.72	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.72	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	23.88	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.78	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	24.01	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	24.01	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	23.73	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.61	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.59	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.60	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	24.15	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.62	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	24.16	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.85	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.80	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.87	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.81	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.78	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	23.09	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.98	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.68	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.40	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.27	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.10	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.94	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.34	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.16	PASS





Band5	1.4MHz	QPSK	20643	3RB#0	23.52	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	23.14	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.53	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	23.02	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.68	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.51	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.80	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.36	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.49	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.95	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.43	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.83	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.47	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.67	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.73	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.09	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.52	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.14	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.79	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.22	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.67	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.96	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.40	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.16	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.61	PASS
Band5	3MHz	16QAM	20525	1RB#8	23.07	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.65	PASS
Band5	3MHz	16QAM	20525	1RB#14	23.08	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.63	PASS
Band5	3MHz	16QAM	20525	8RB#0	22.16	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.30	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.18	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.54	PASS
Band5	3MHz	16QAM	20525	8RB#7	22.20	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.58	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.87	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.32	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.56	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.23	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.40	PASS





Band5	3MHz	QPSK	20635	1RB#14	22.20	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.14	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.50	PASS
Band5	3MHz	16QAM	20635	8RB#0	22.16	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.58	PASS
Band5	3MHz	16QAM	20635	8RB#4	22.15	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.49	PASS
Band5	3MHz	16QAM	20635	8RB#7	22.06	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.78	PASS
Band5	3MHz	16QAM	20635	15RB#0	22.09	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.63	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.72	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.42	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.84	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.41	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.70	PASS
Band5	5MHz	16QAM	20425	12RB#0	22.12	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.69	PASS
Band5	5MHz	16QAM	20425	12RB#6	22.12	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.62	PASS
Band5	5MHz	16QAM	20425	12RB#13	22.08	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.46	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.18	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.48	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.43	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.86	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.00	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.77	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.06	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.60	PASS
Band5	5MHz	16QAM	20525	12RB#0	22.34	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.63	PASS
Band5	5MHz	16QAM	20525	12RB#6	22.20	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.73	PASS
Band5	5MHz	16QAM	20525	12RB#13	22.04	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.72	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.97	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.59	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.99	PASS





Band5	5MHz	QPSK	20625	1RB#12	24.02	PASS
Band5	5MHz	16QAM	20625	1RB#12	23.12	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.66	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.53	PASS
Band5	5MHz	QPSK	20625	12RB#0	23.05	PASS
Band5	5MHz	16QAM	20625	12RB#0	22.28	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.84	PASS
Band5	5MHz	16QAM	20625	12RB#6	22.34	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.70	PASS
Band5	5MHz	16QAM	20625	12RB#13	22.16	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.84	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.31	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.56	PASS
Band5	10MHz	16QAM	20450	1RB#0	23.12	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.63	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.01	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.65	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.03	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.76	PASS
Band5	10MHz	16QAM	20450	25RB#0	22.08	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.79	PASS
Band5	10MHz	16QAM	20450	25RB#12	22.09	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.56	PASS
Band5	10MHz	16QAM	20450	25RB#25	22.01	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.56	PASS
Band5	10MHz	16QAM	20450	50RB#0	22.08	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.51	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.09	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.57	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.22	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.73	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.14	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.72	PASS
Band5	10MHz	16QAM	20525	25RB#0	22.24	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.73	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.25	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.71	PASS
Band5	10MHz	16QAM	20525	25RB#25	22.24	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.73	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.20	PASS





Band5	10MHz	QPSK	20600	1RB#0	23.59	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.70	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.63	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.23	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.26	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.75	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.73	PASS
Band5	10MHz	16QAM	20600	25RB#0	22.37	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.72	PASS
Band5	10MHz	16QAM	20600	25RB#12	22.22	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.90	PASS
Band5	10MHz	16QAM	20600	25RB#25	22.33	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.66	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.27	PASS





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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.82	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.10	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.67	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.28	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.57	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.42	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.46	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.01	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3.55	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3.32	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3.92	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	4.74	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	5.08	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.78	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.85	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.55	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.77	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.26	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.58	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.22	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	3.64	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	3.61	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.60	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.31	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.20	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.87	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.80	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.42	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.90	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.31	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.63	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.26	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.14	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	4.52	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.28	13	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity

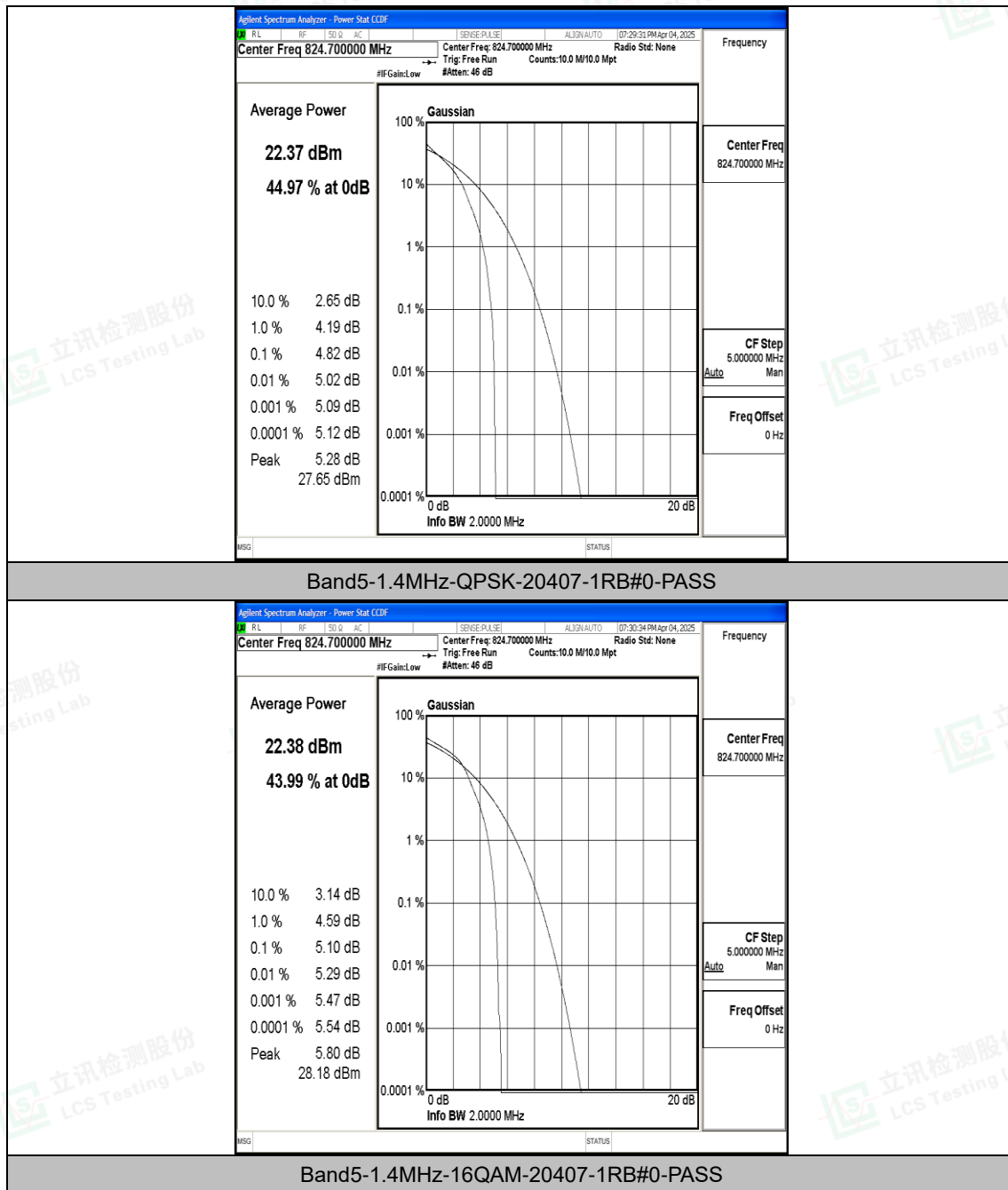


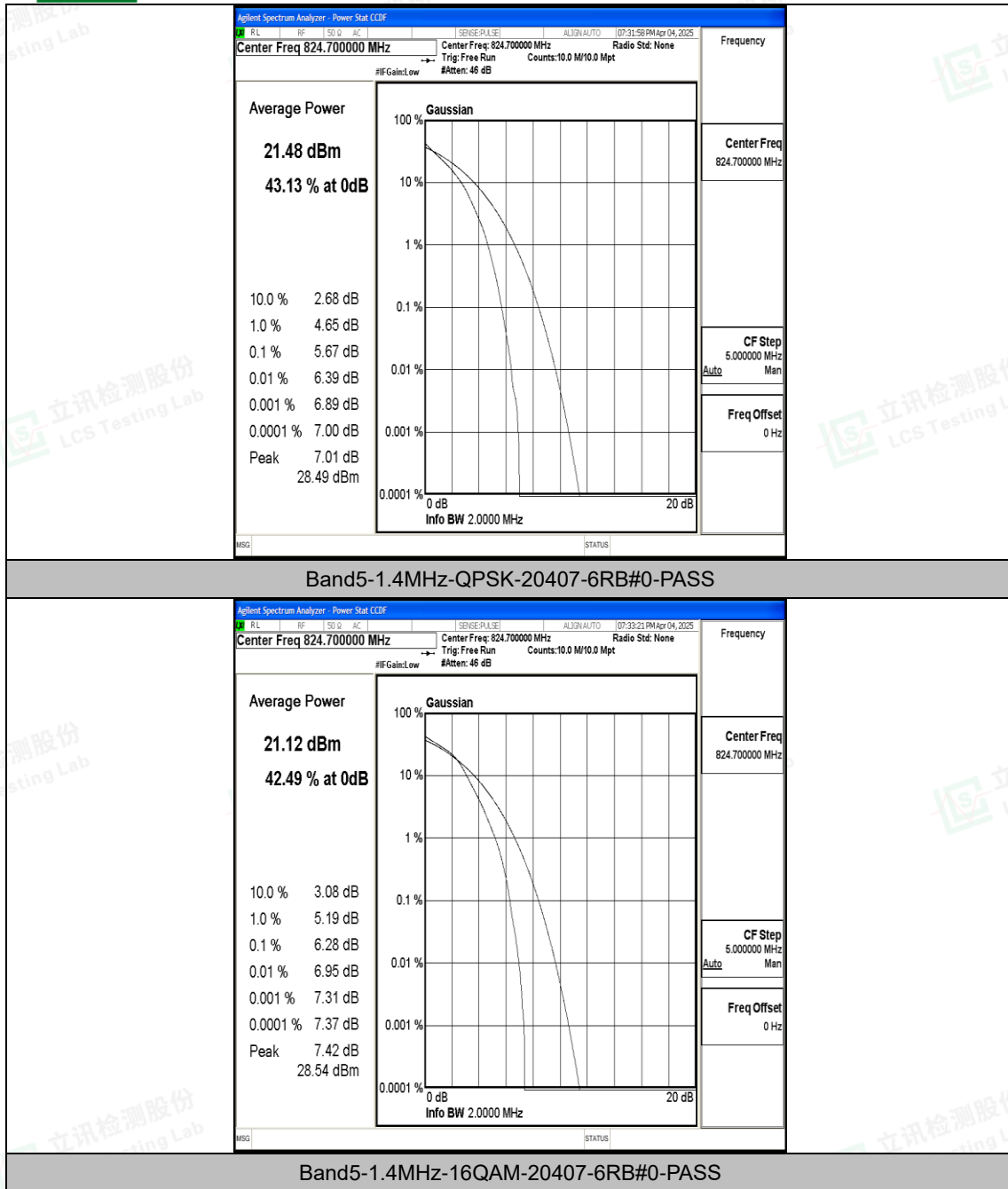
Band5	5MHz	16QAM	20625	25RB#0	5.85	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	5.18	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.70	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.70	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.37	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.87	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.88	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.66	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.32	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.78	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	4.88	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.32	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.99	13	PASS

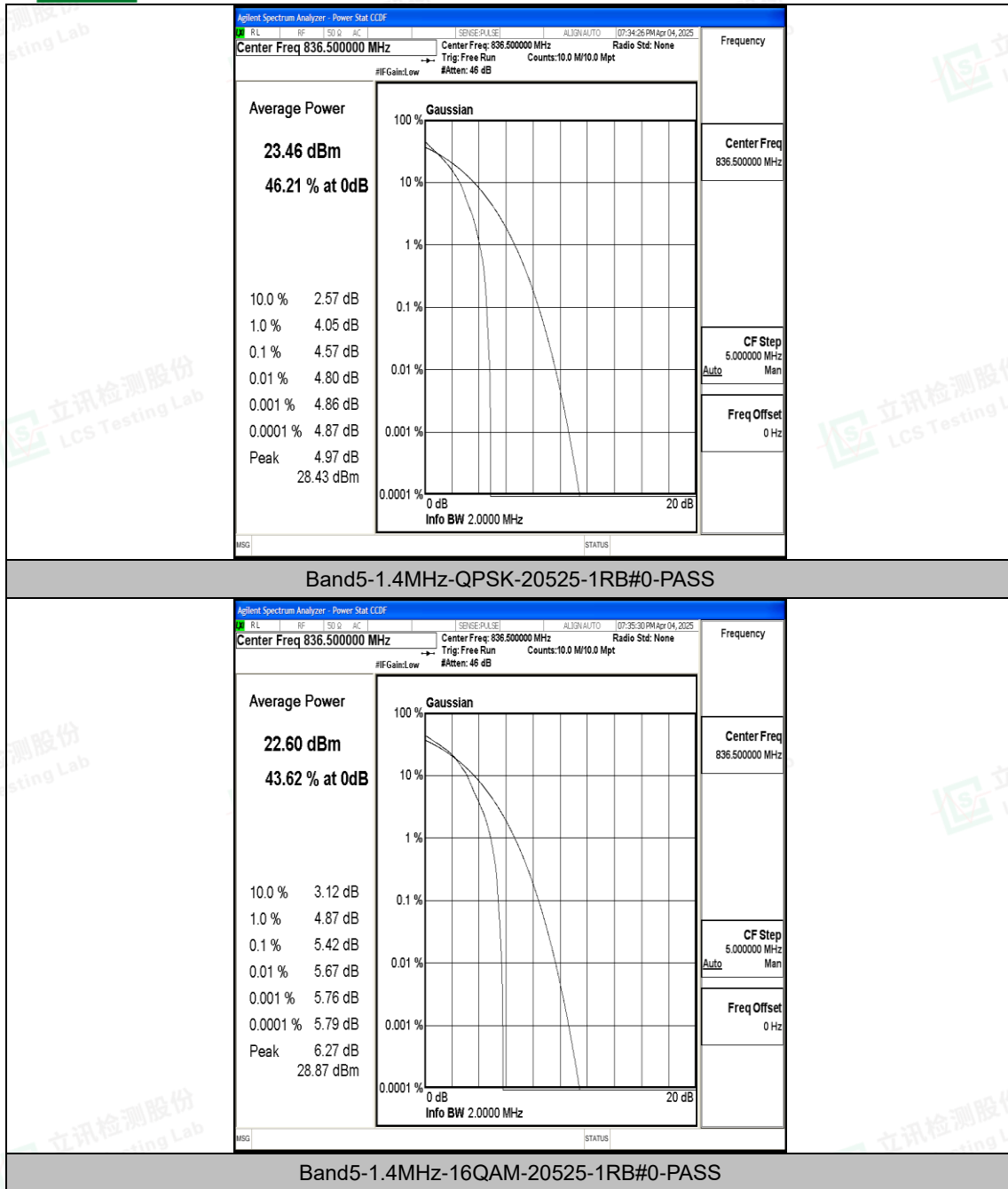


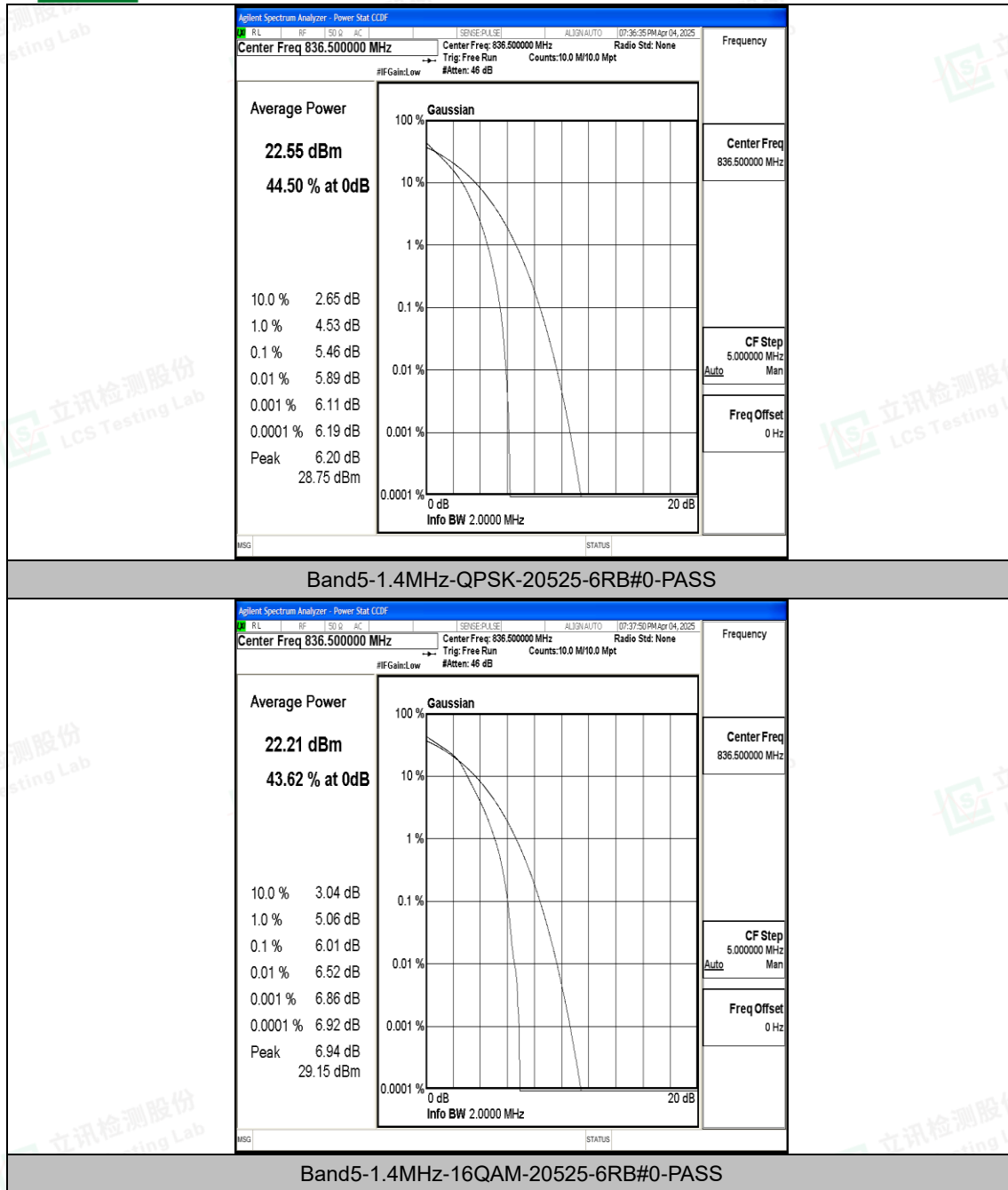


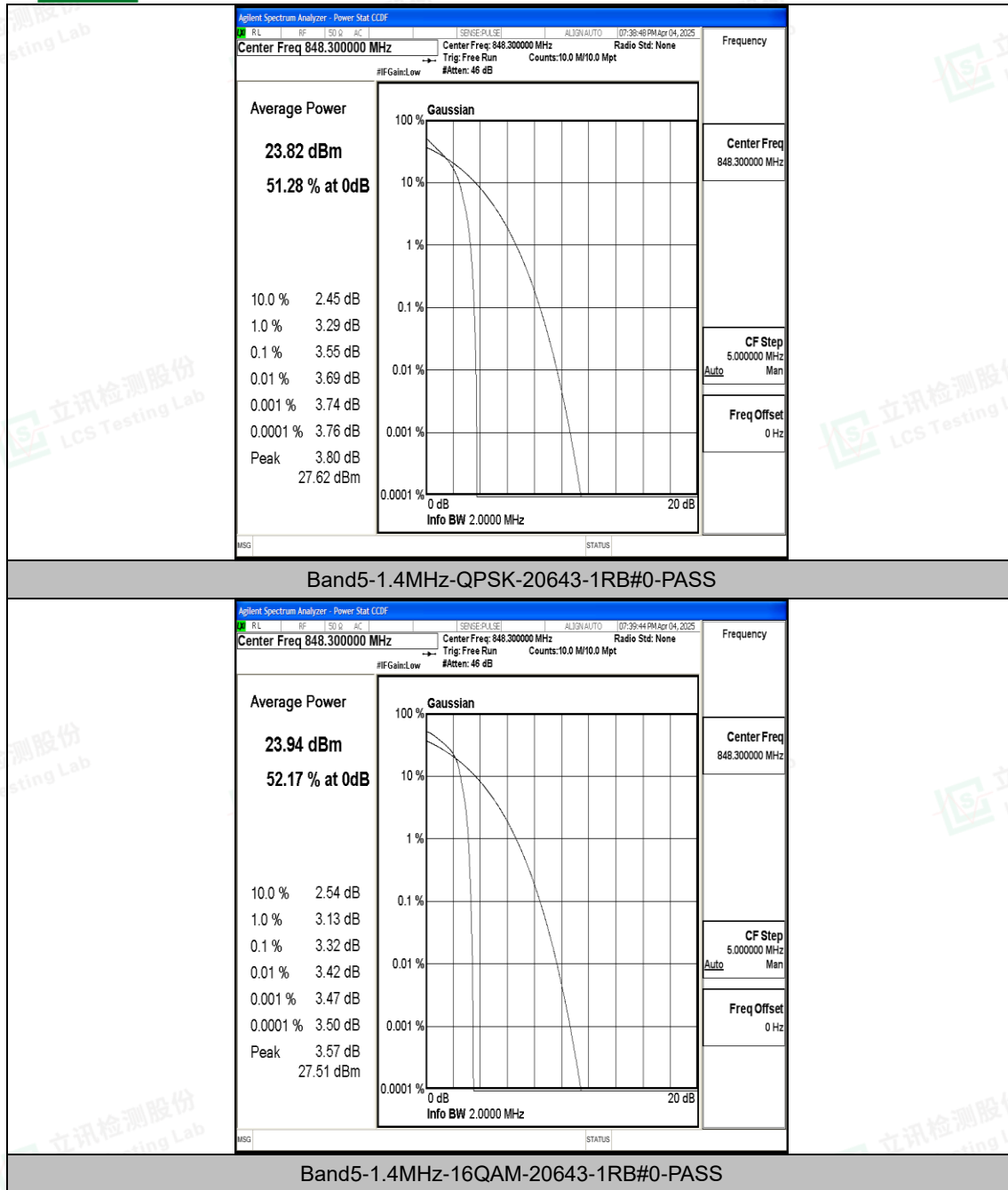
Test Graphs

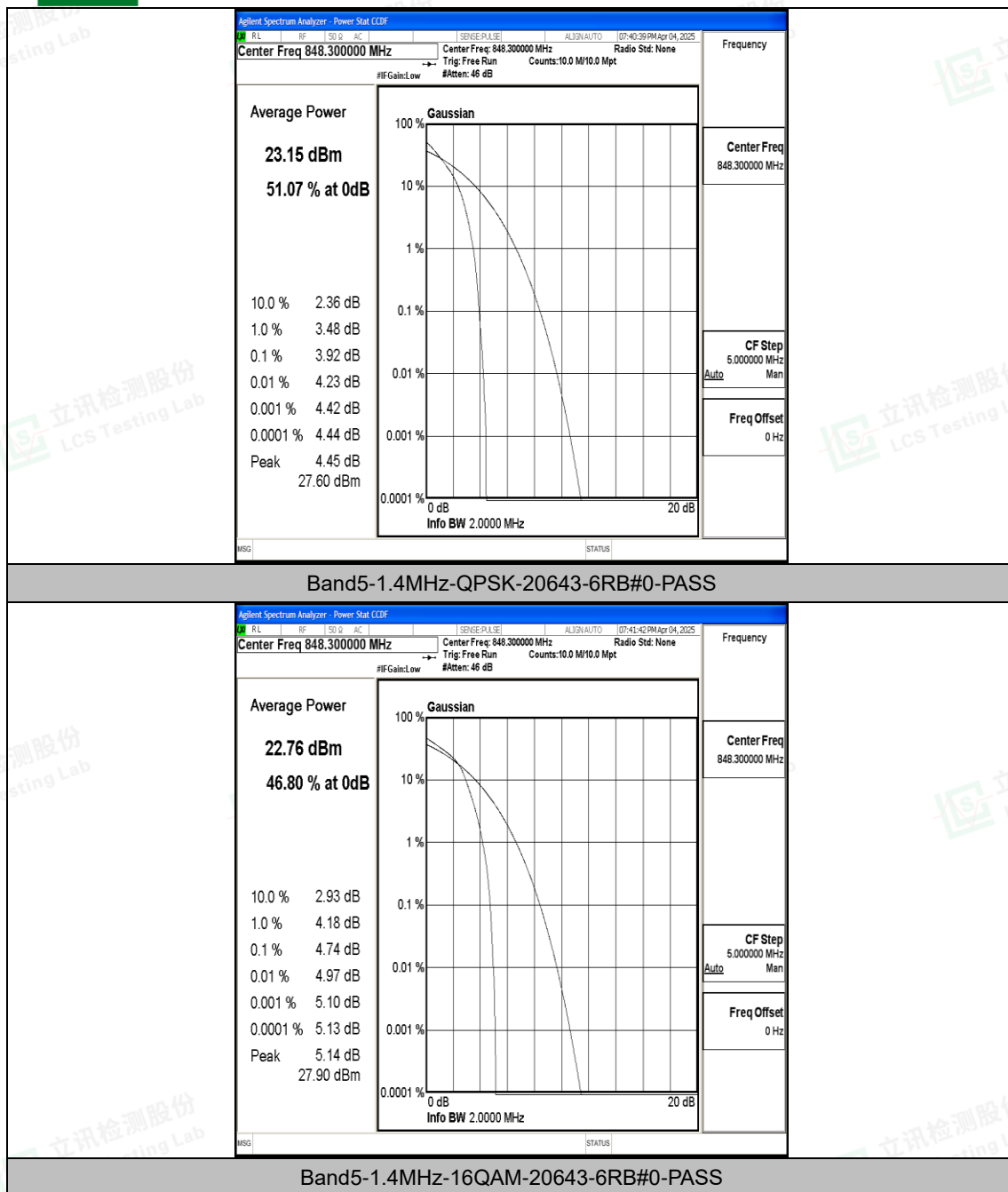


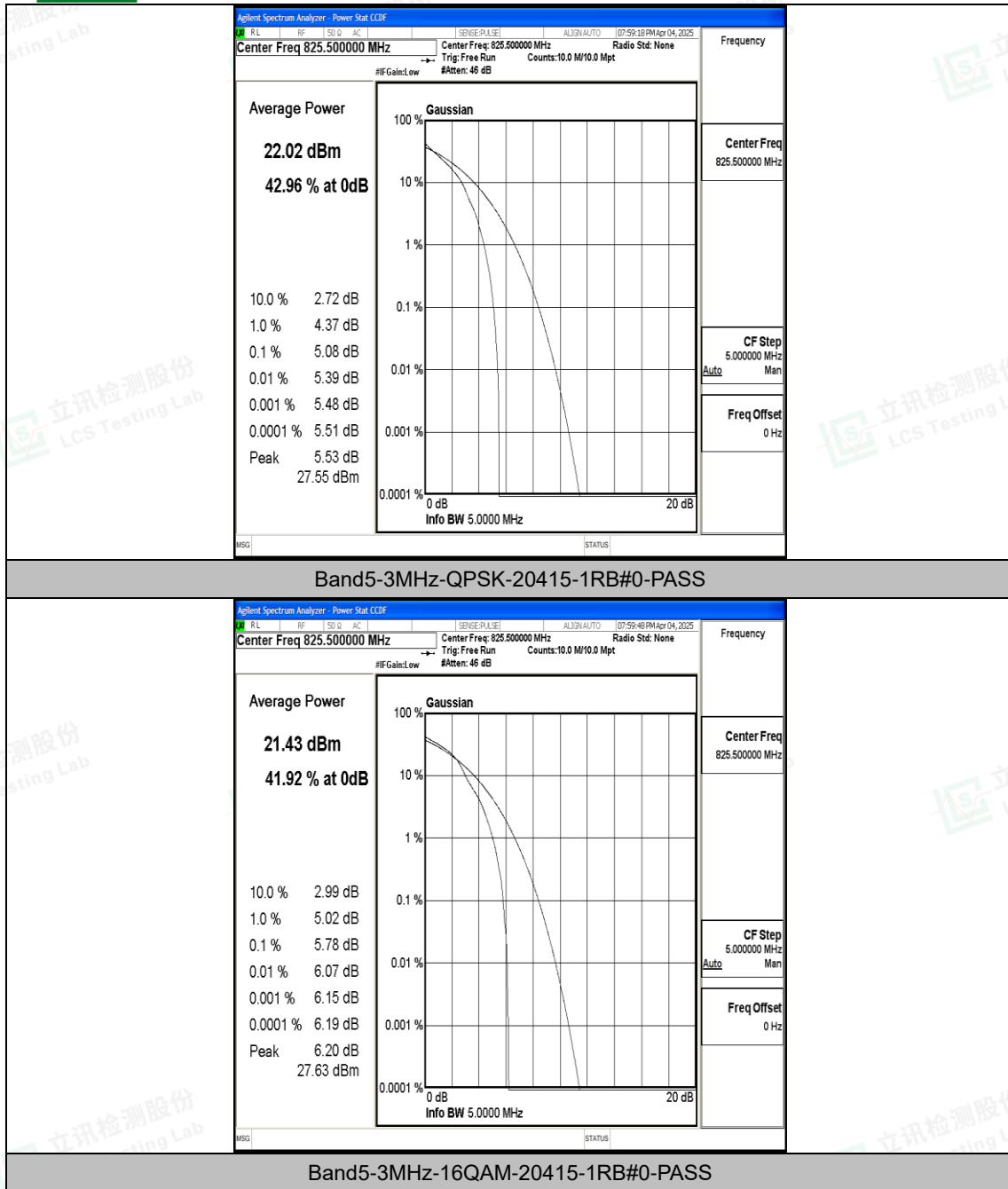


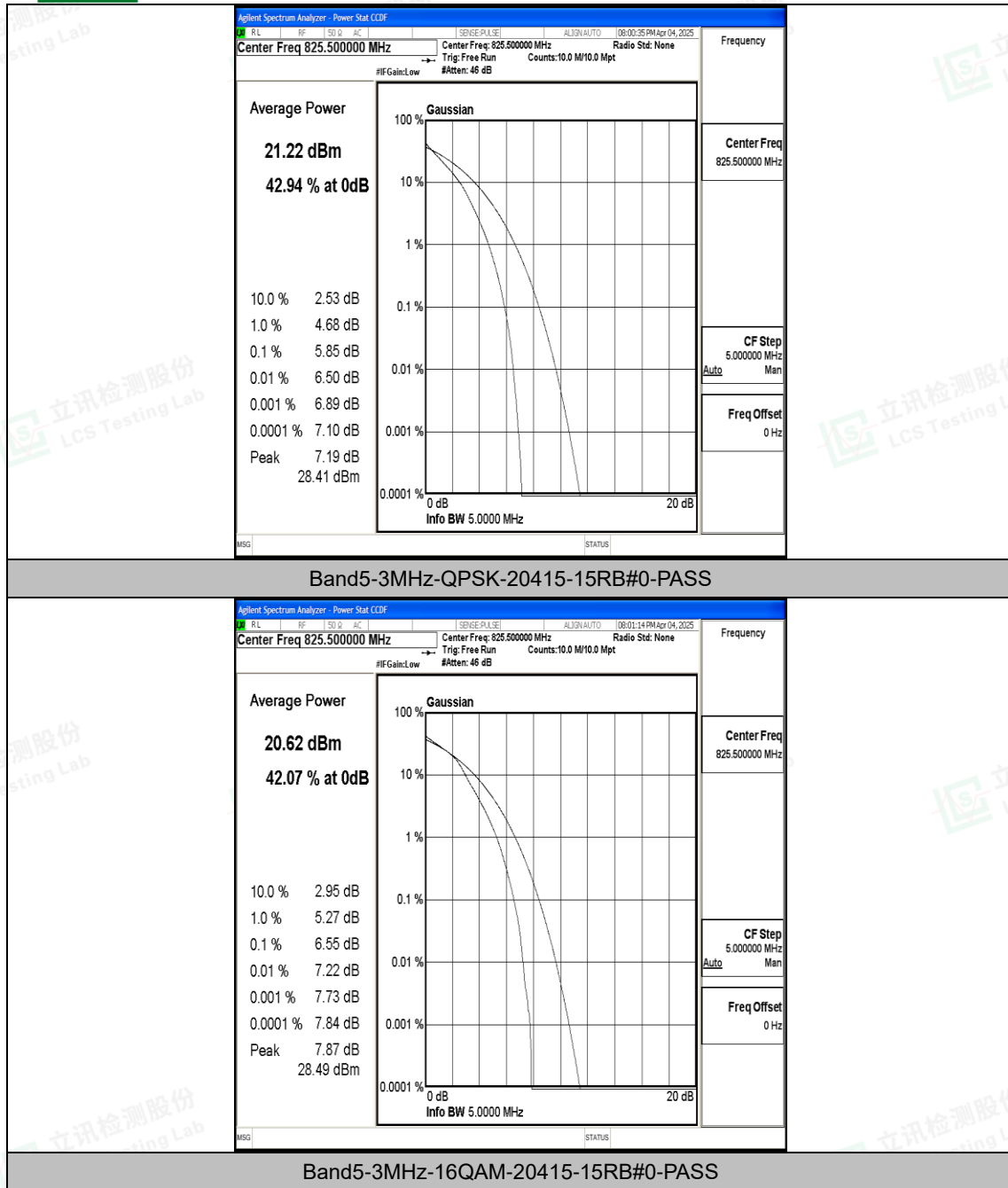


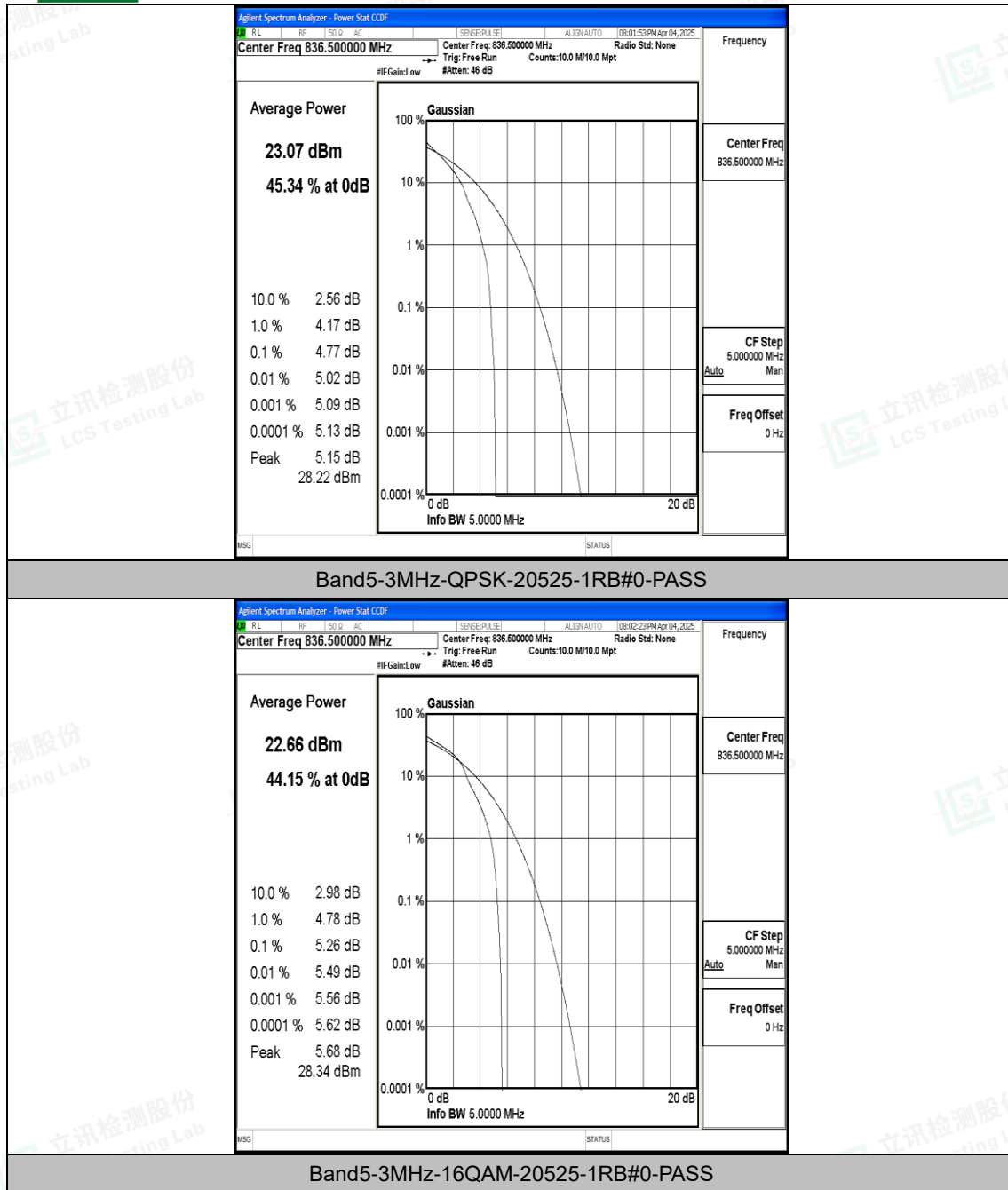


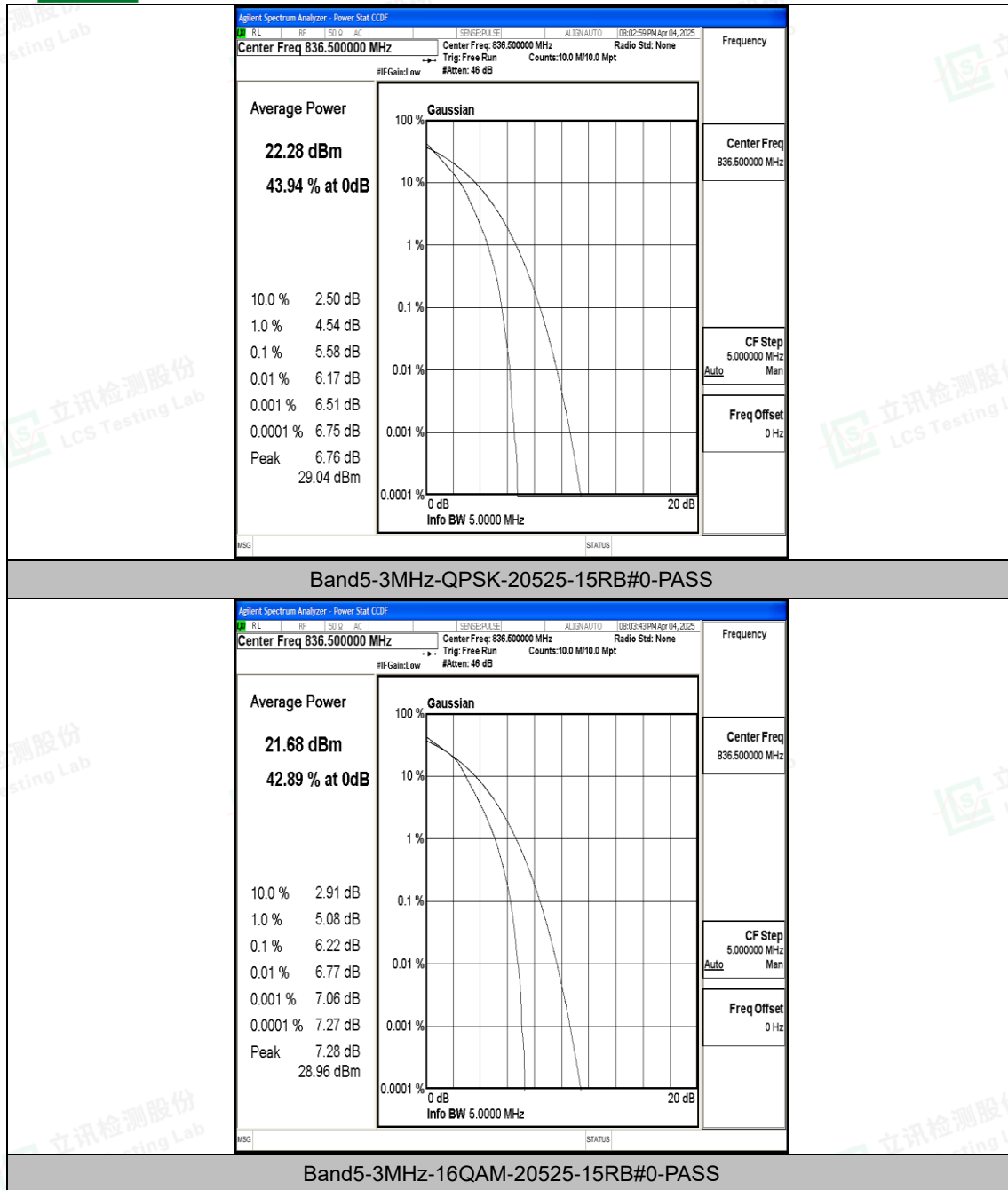


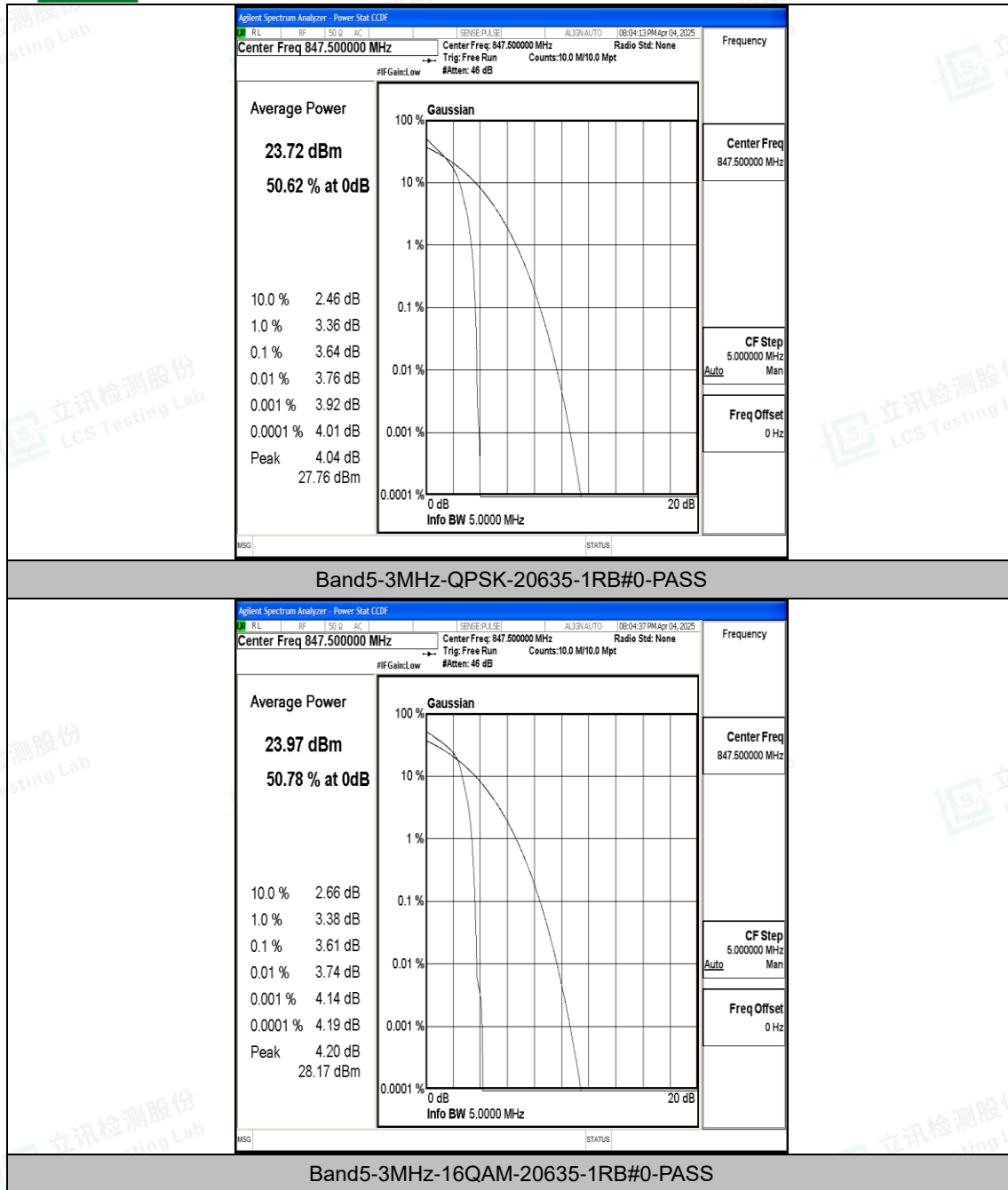


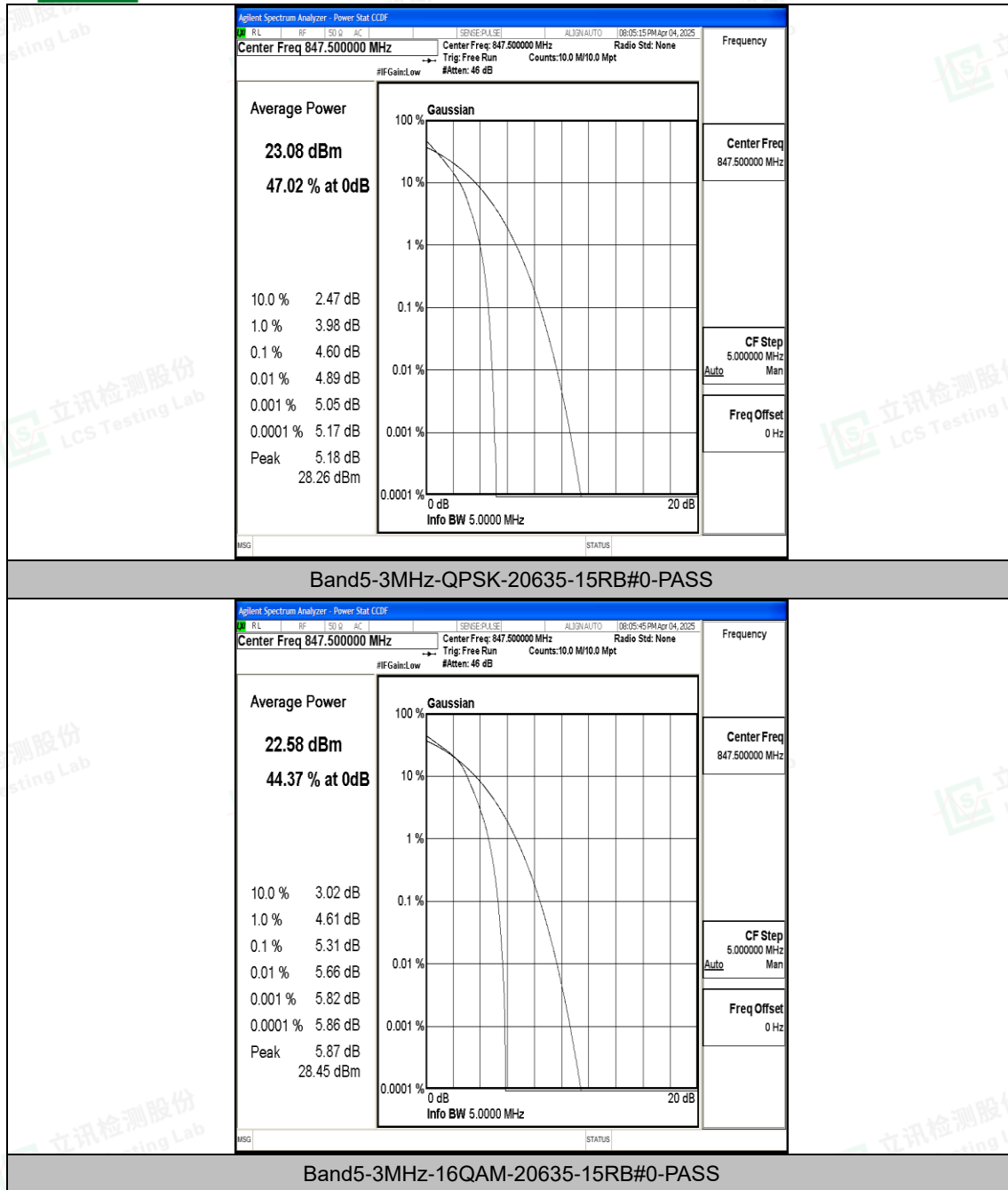


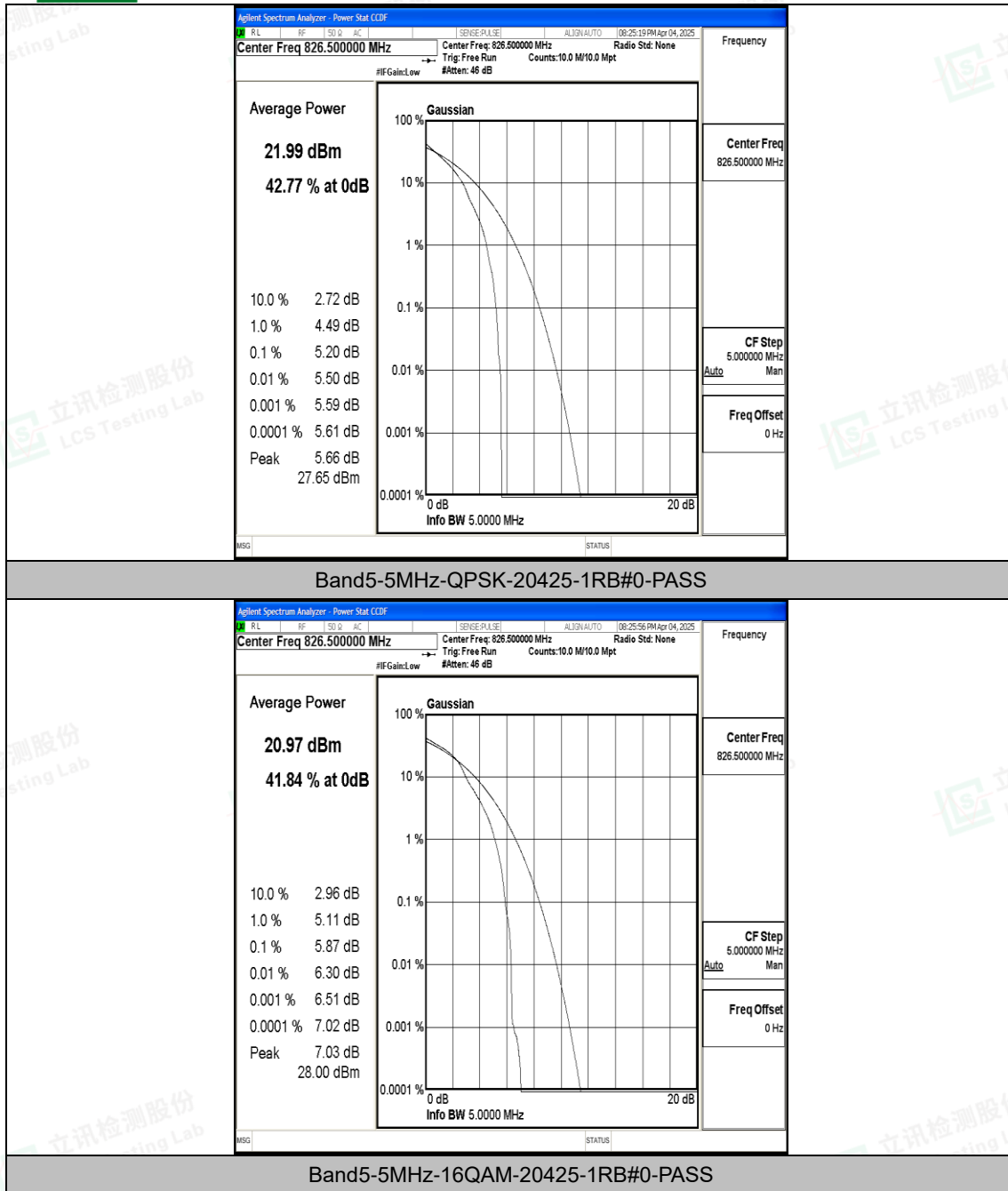


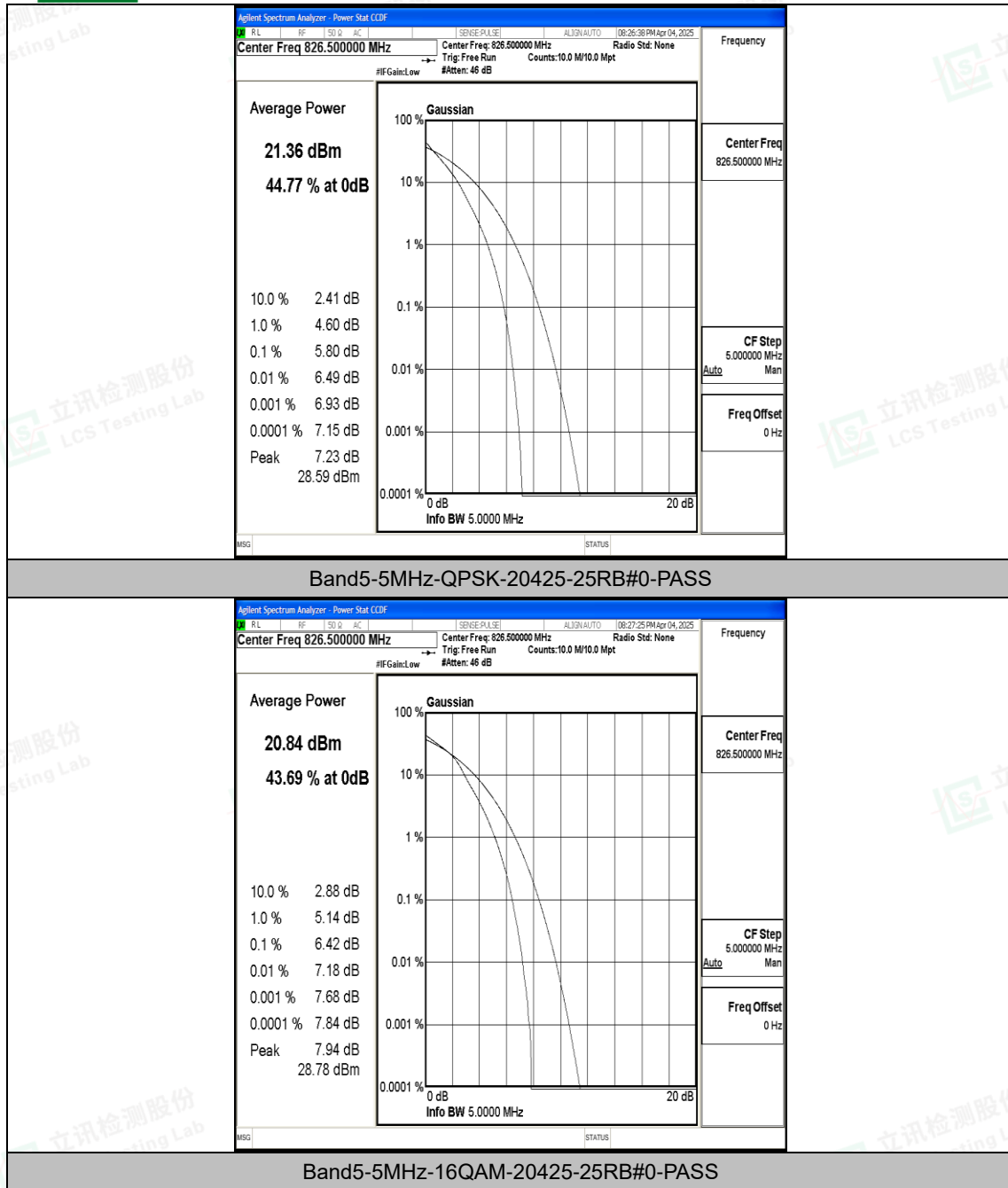


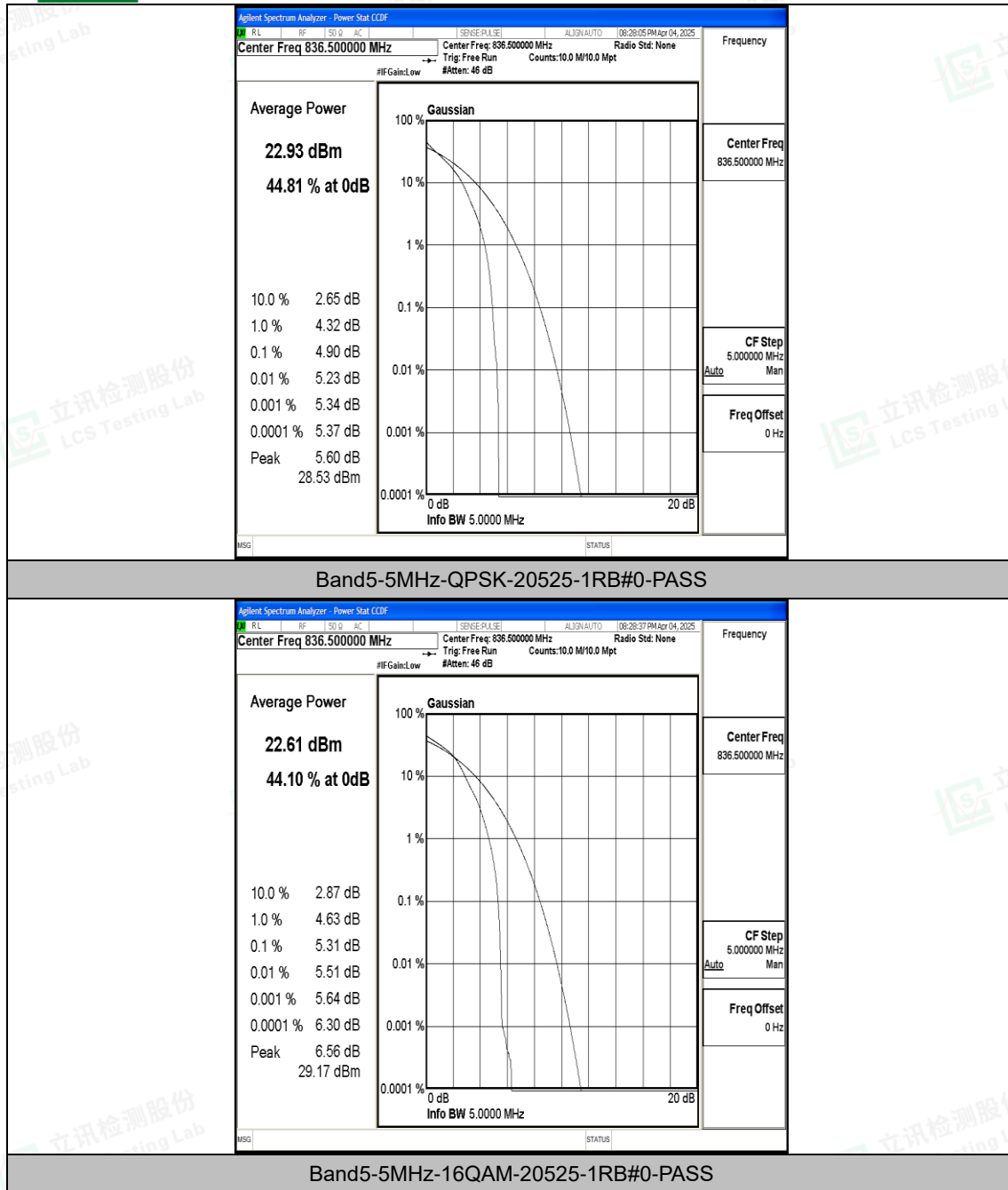


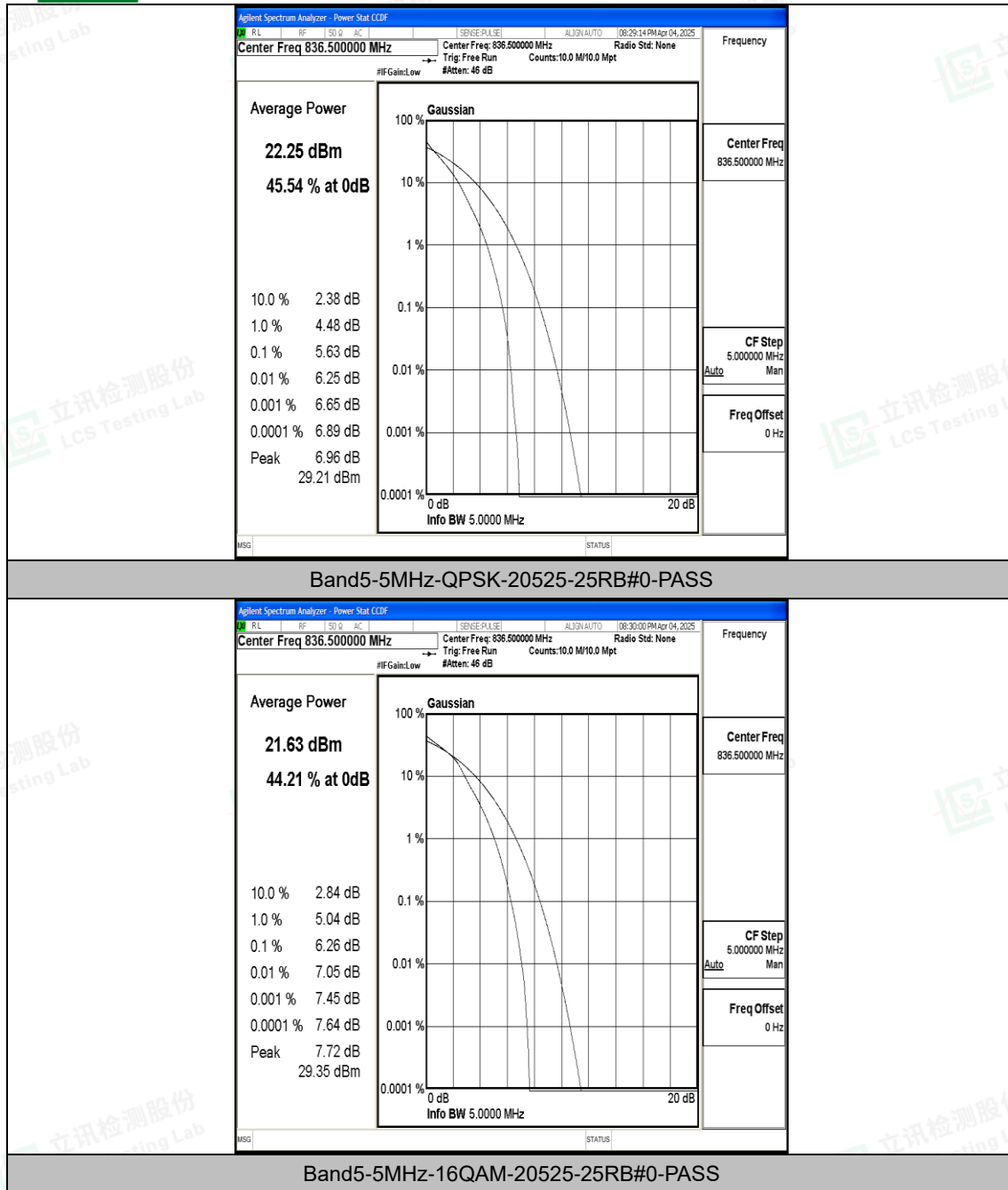


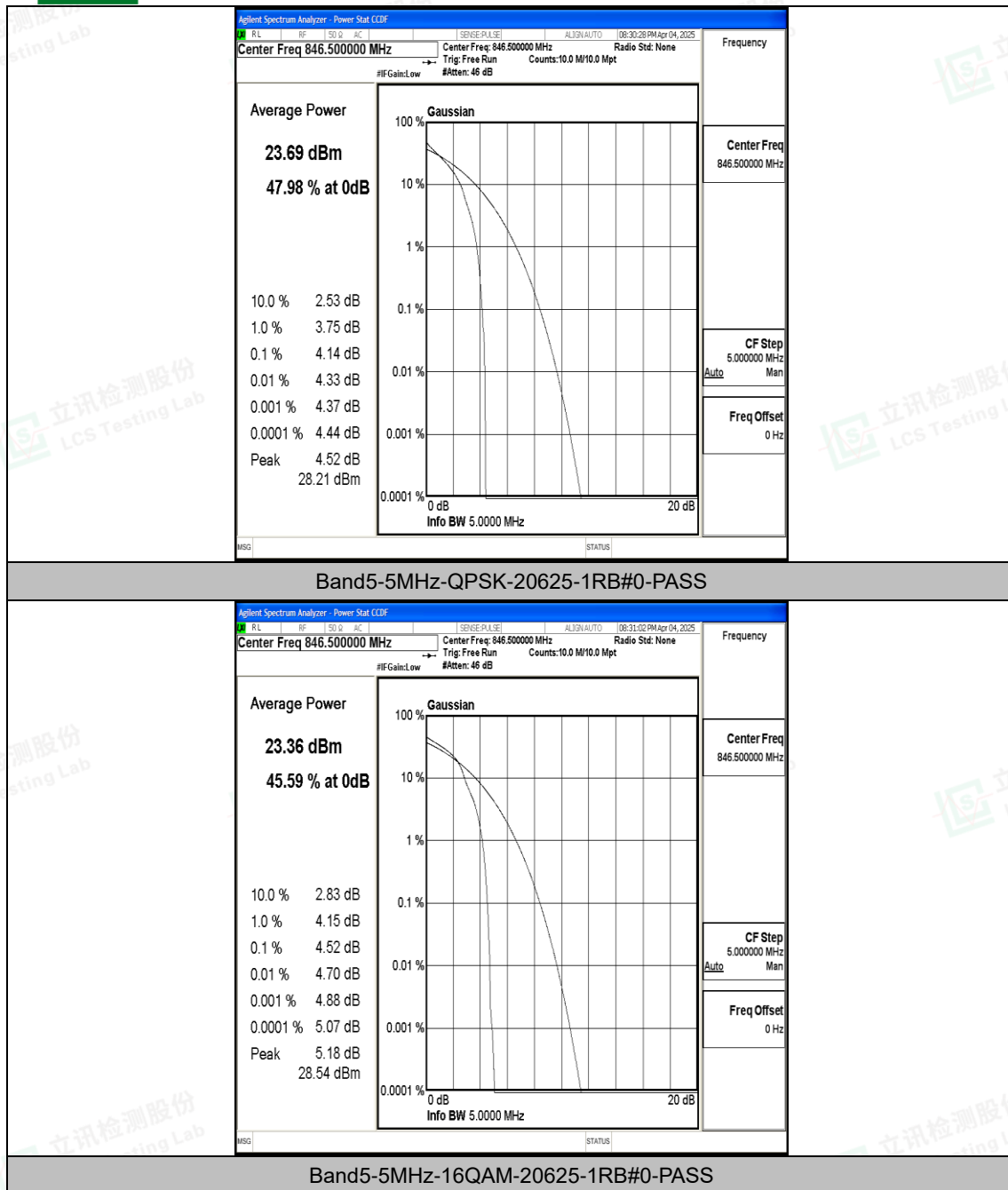


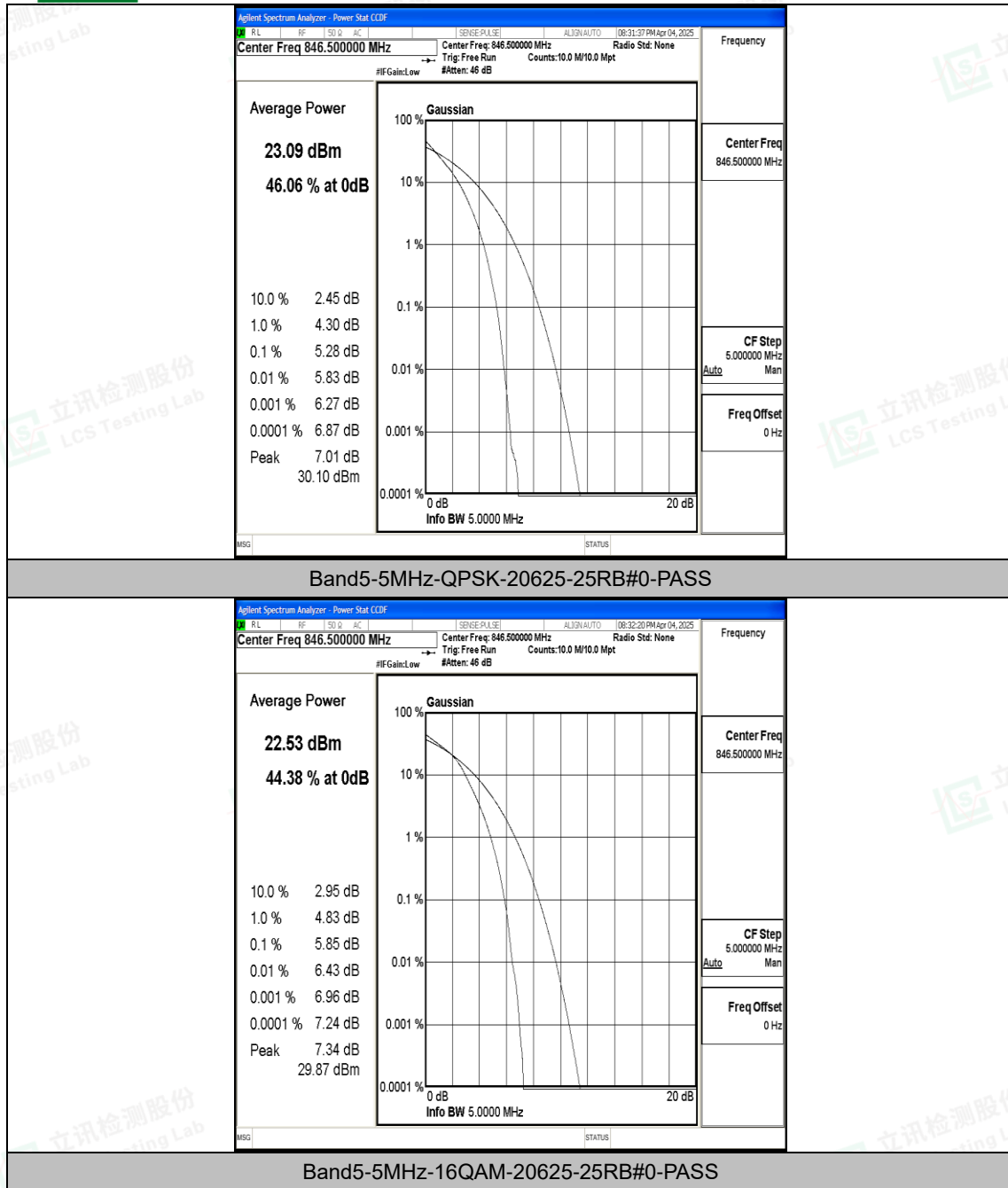


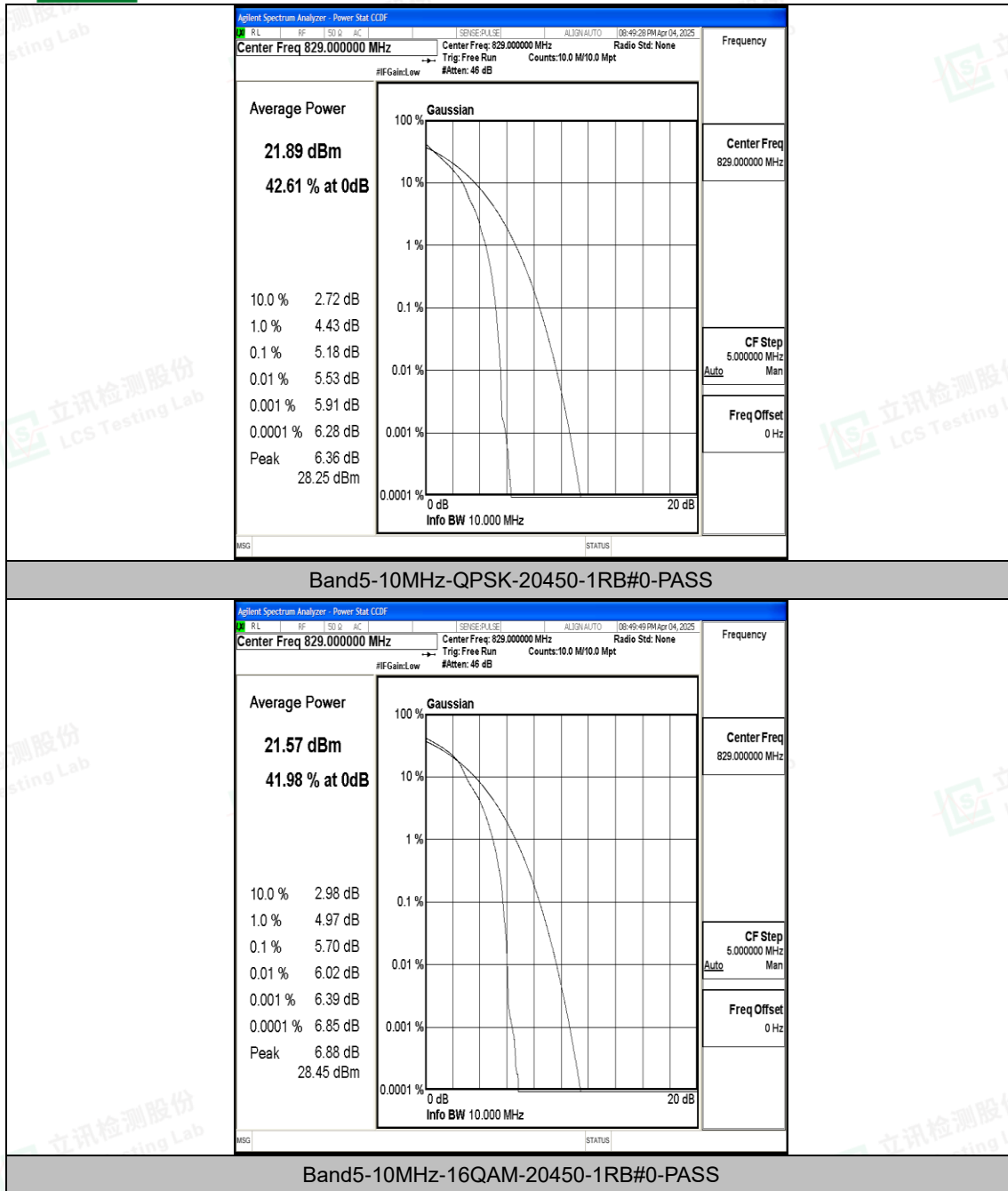


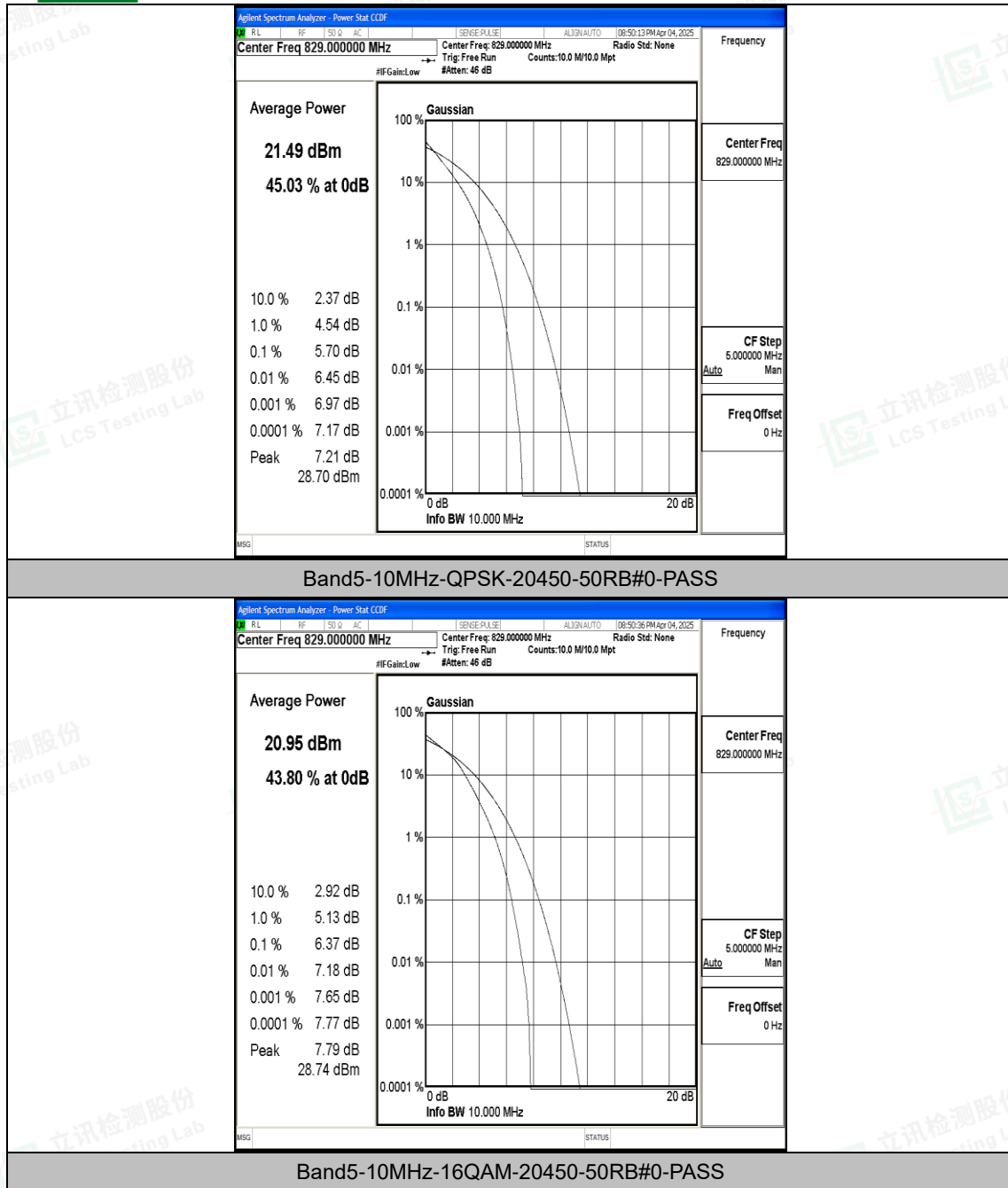


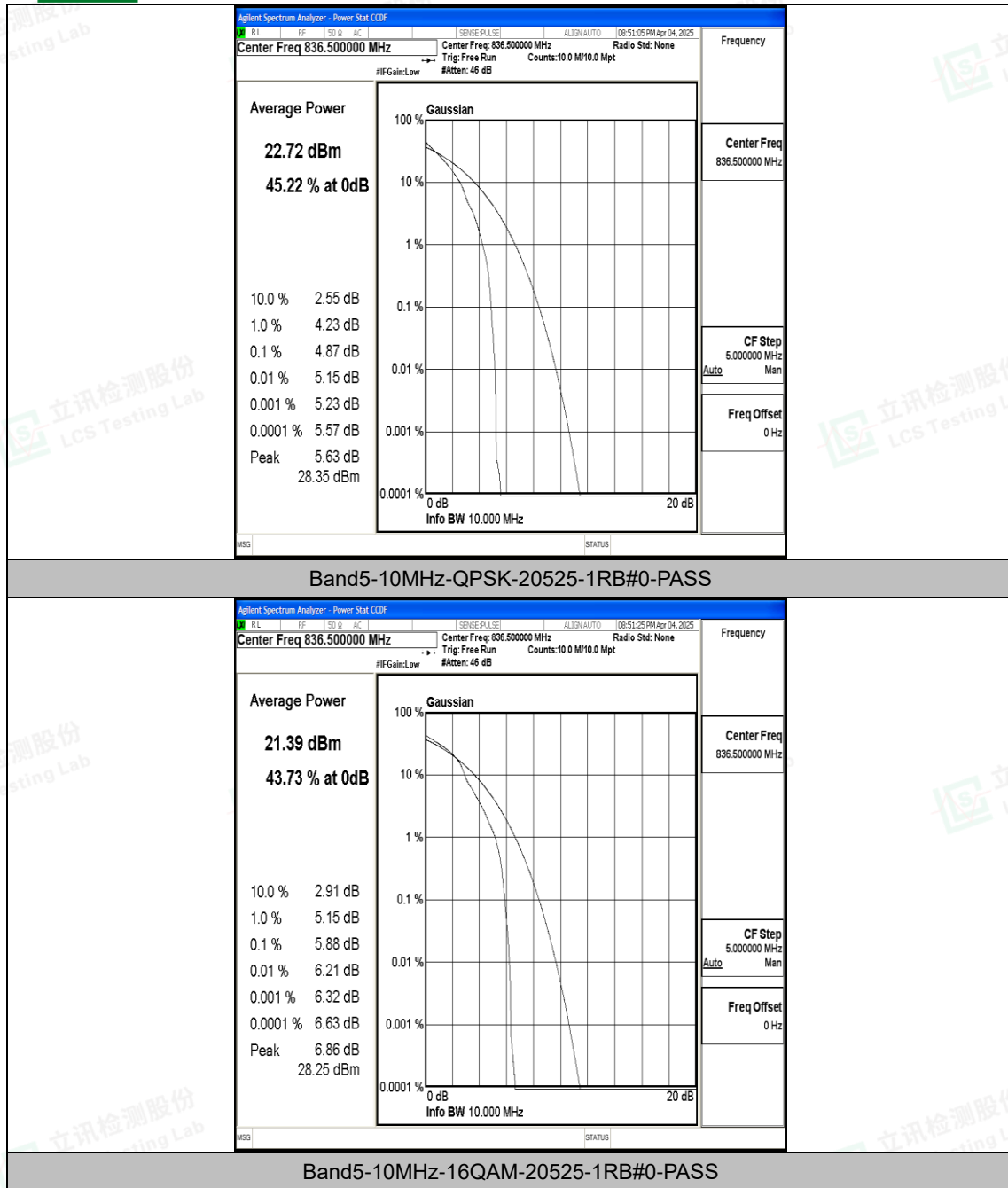


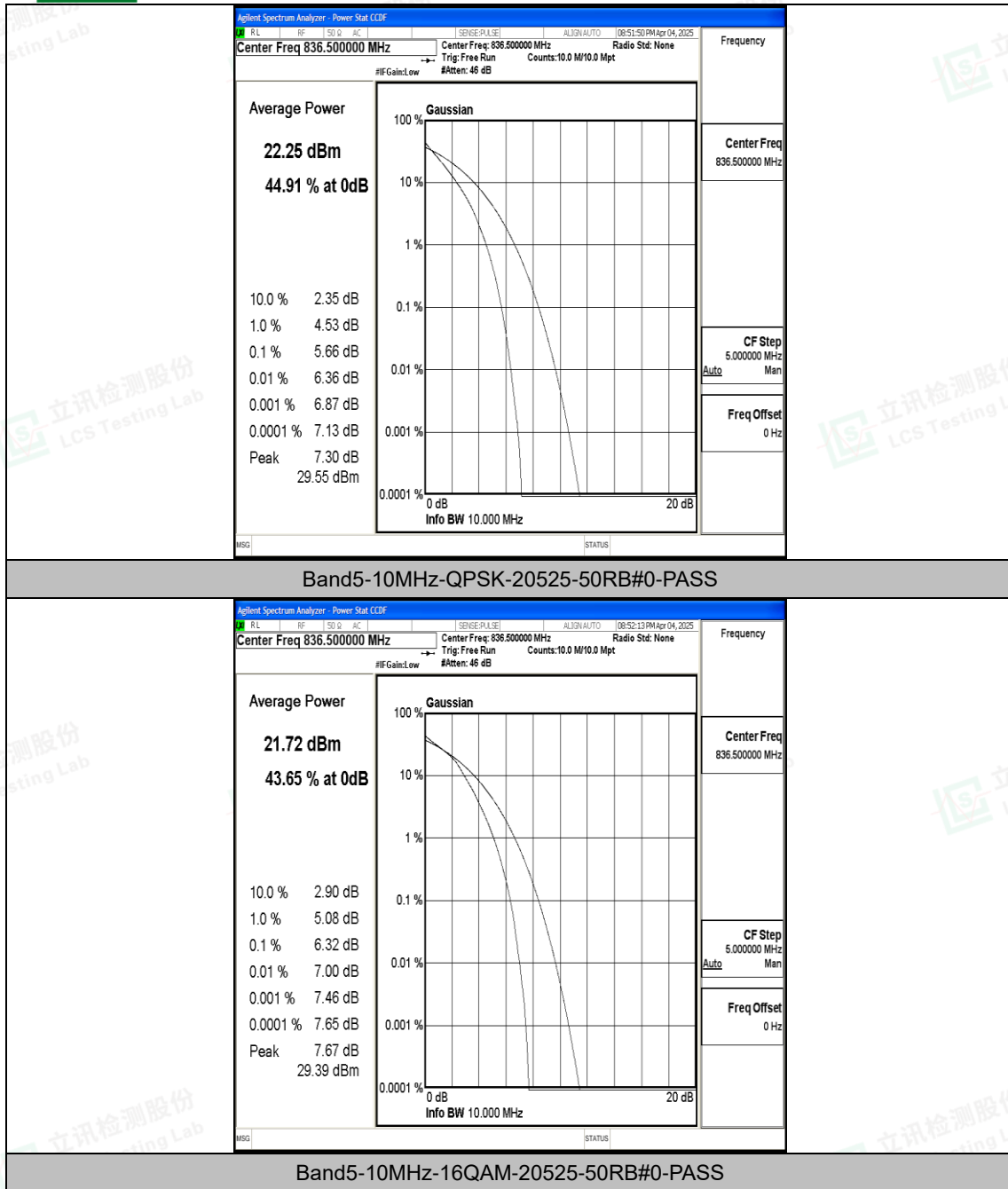


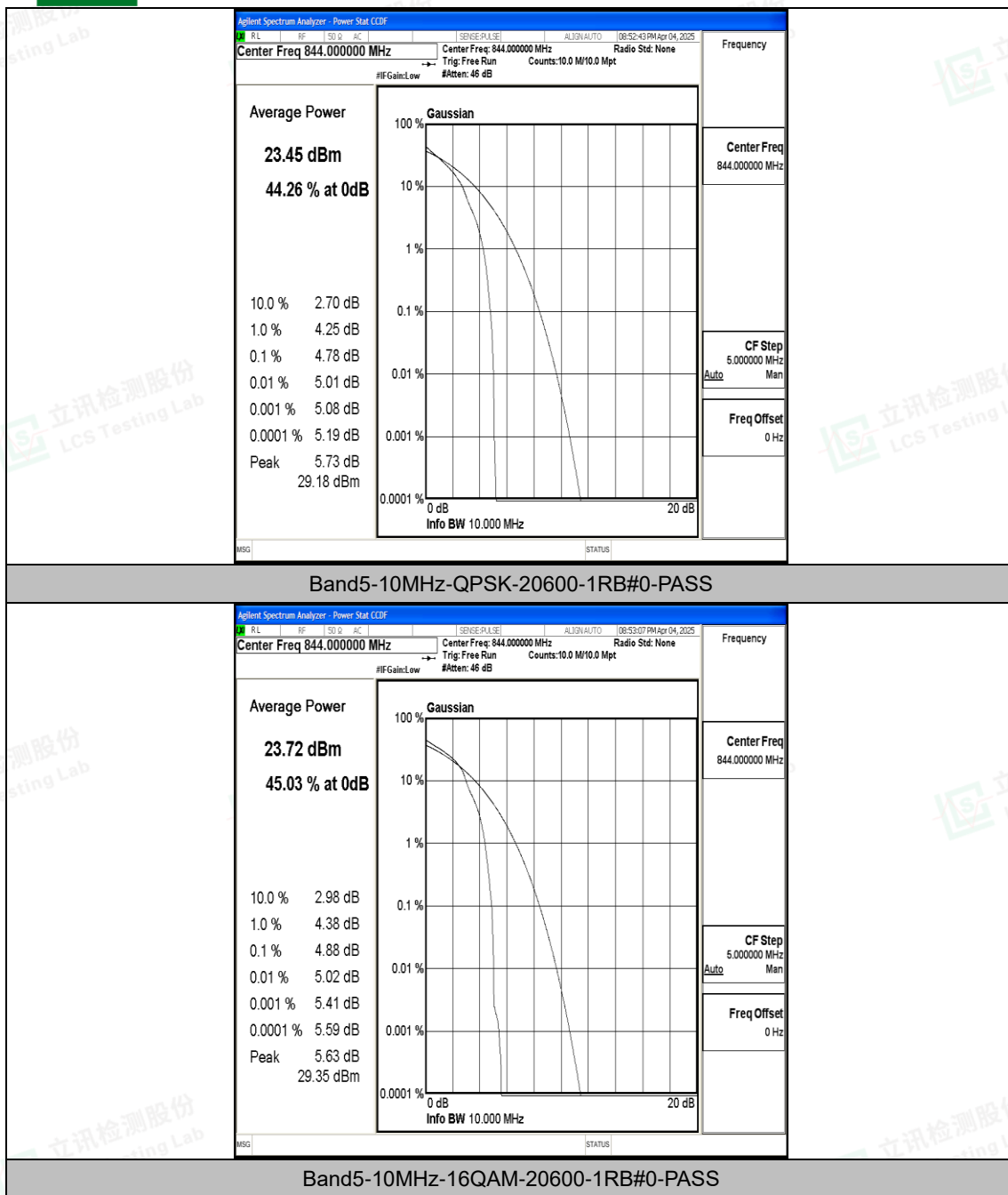


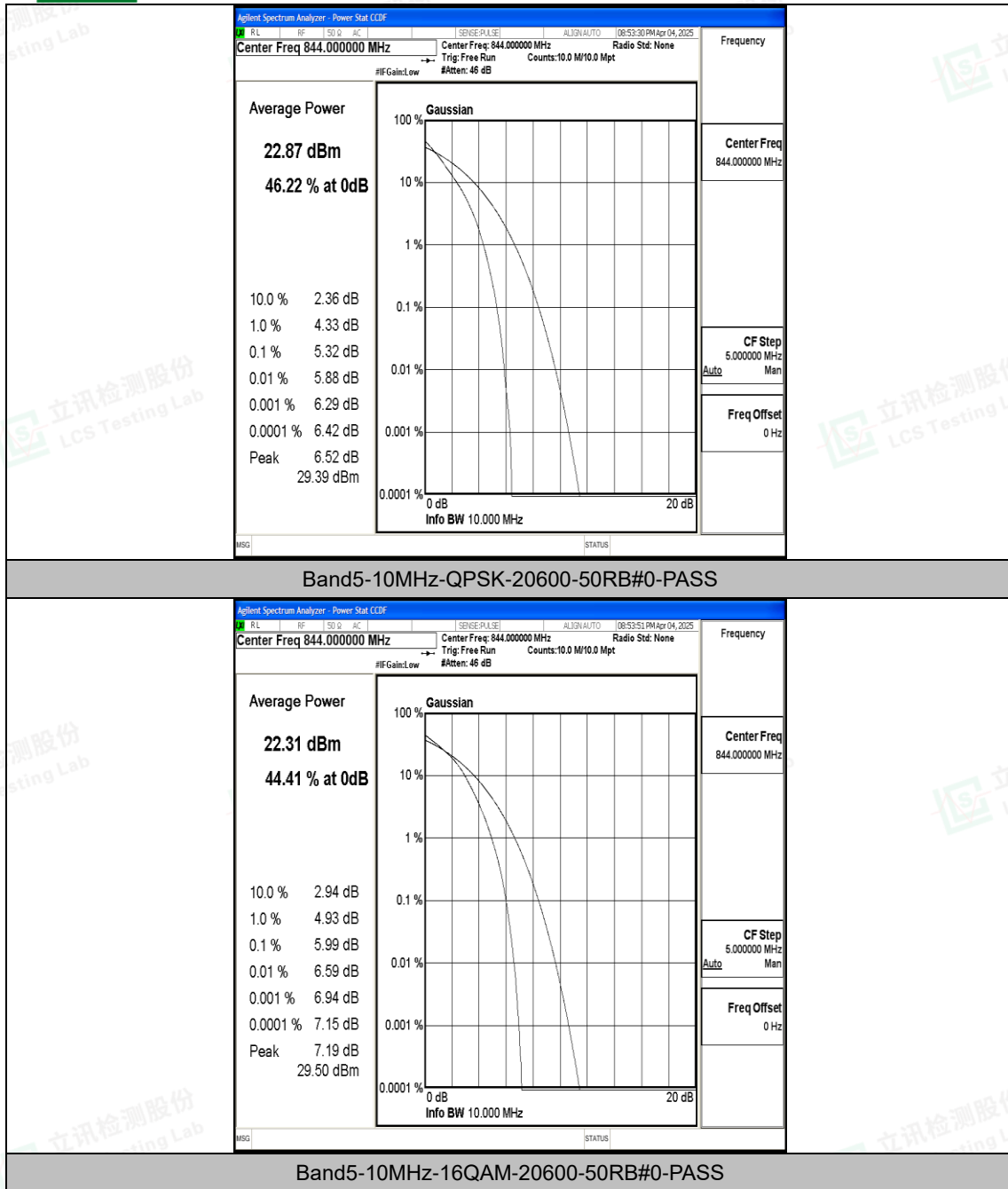














H.3 26dB Bandwidth and Occupied Bandwidth

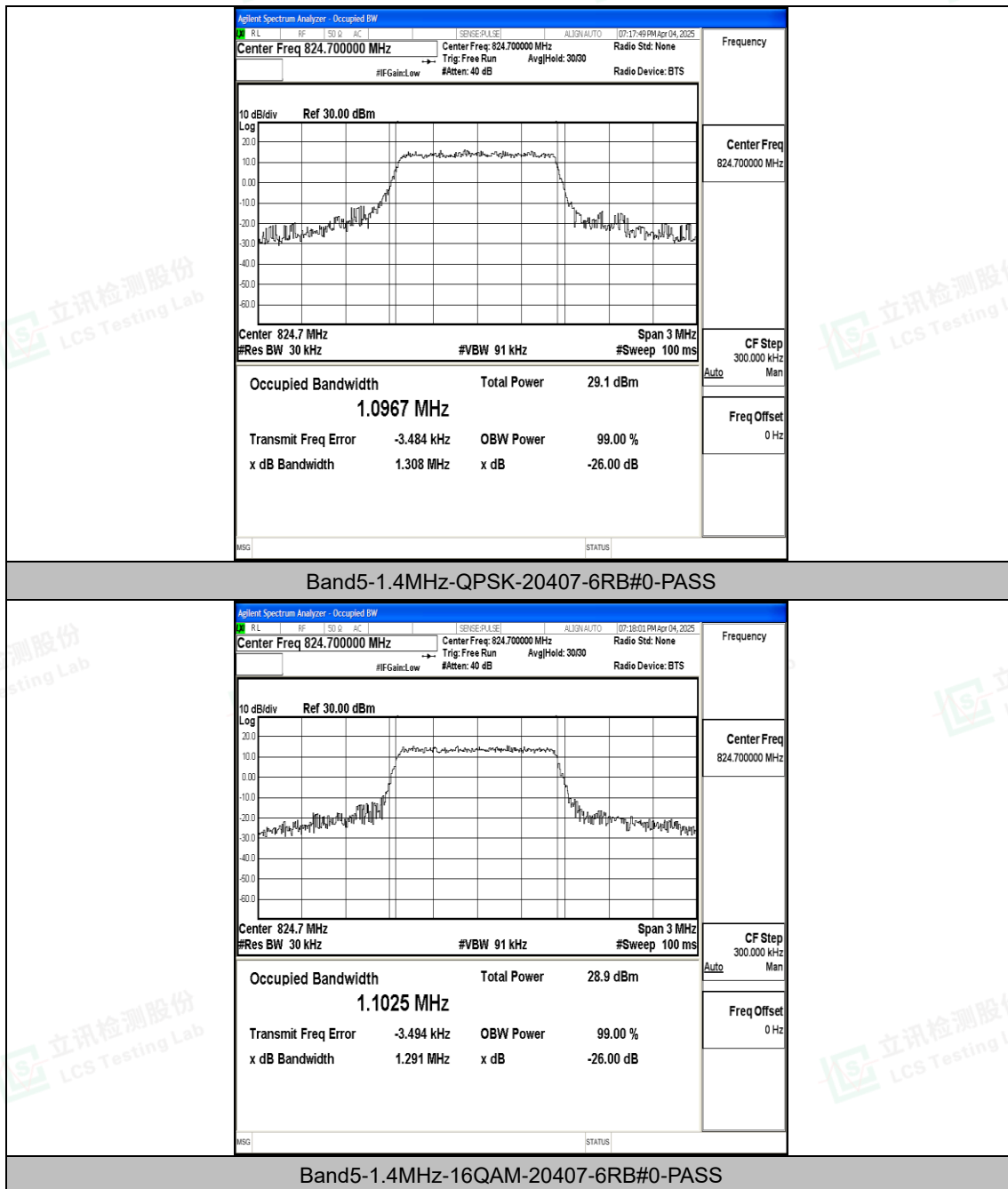
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0967	1.308	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1025	1.291	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0993	1.315	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1024	1.353	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.1036	1.293	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0971	1.363	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7637	3.466	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7664	3.240	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7605	3.449	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7606	3.574	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7504	3.213	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7706	3.517	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5293	5.365	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5333	5.248	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5208	5.396	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5346	5.434	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5311	5.457	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5592	5.334	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9983	10.09	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9726	10.04	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0084	10.11	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.0283	10.56	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9547	9.957	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9792	10.09	PASS

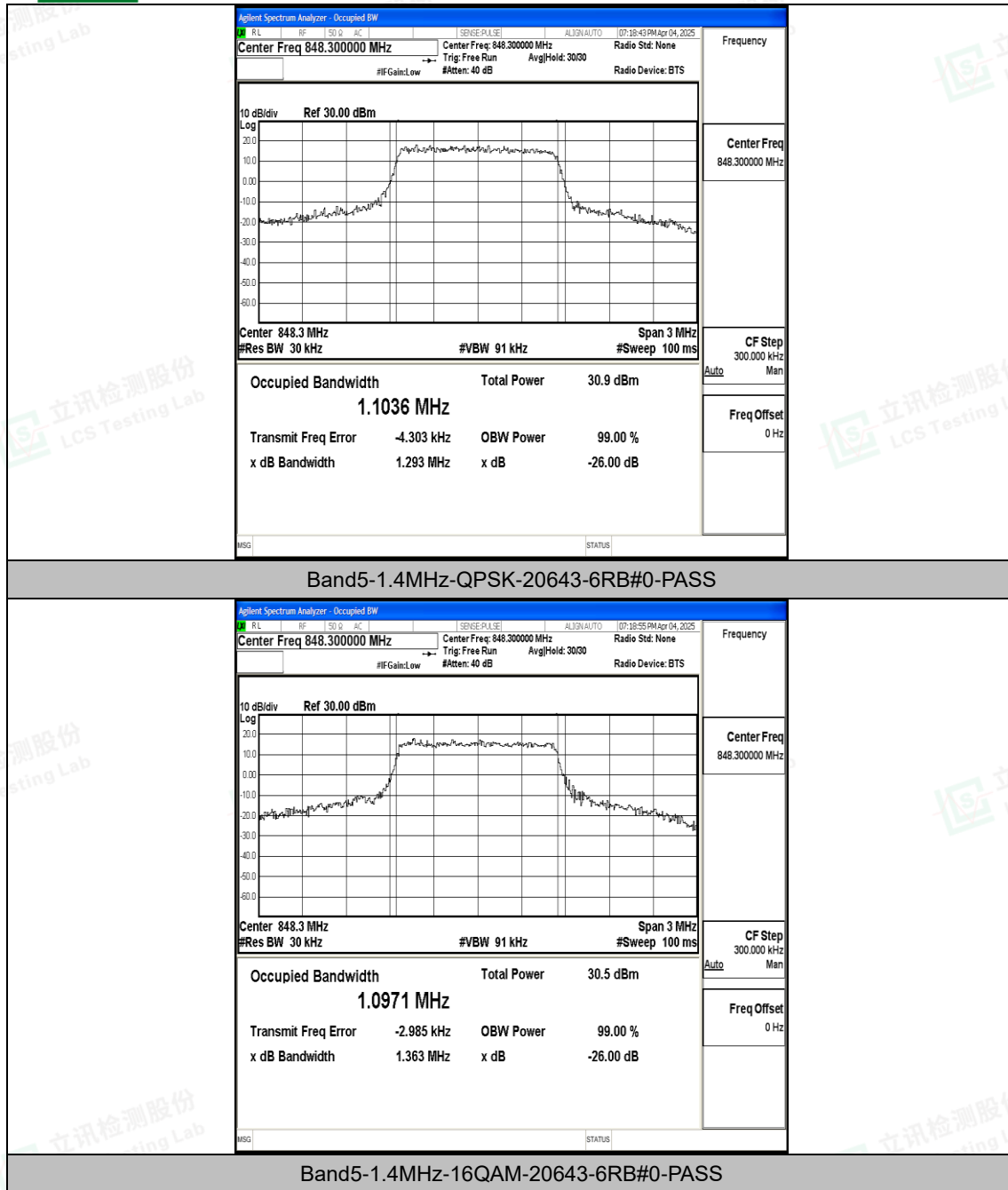


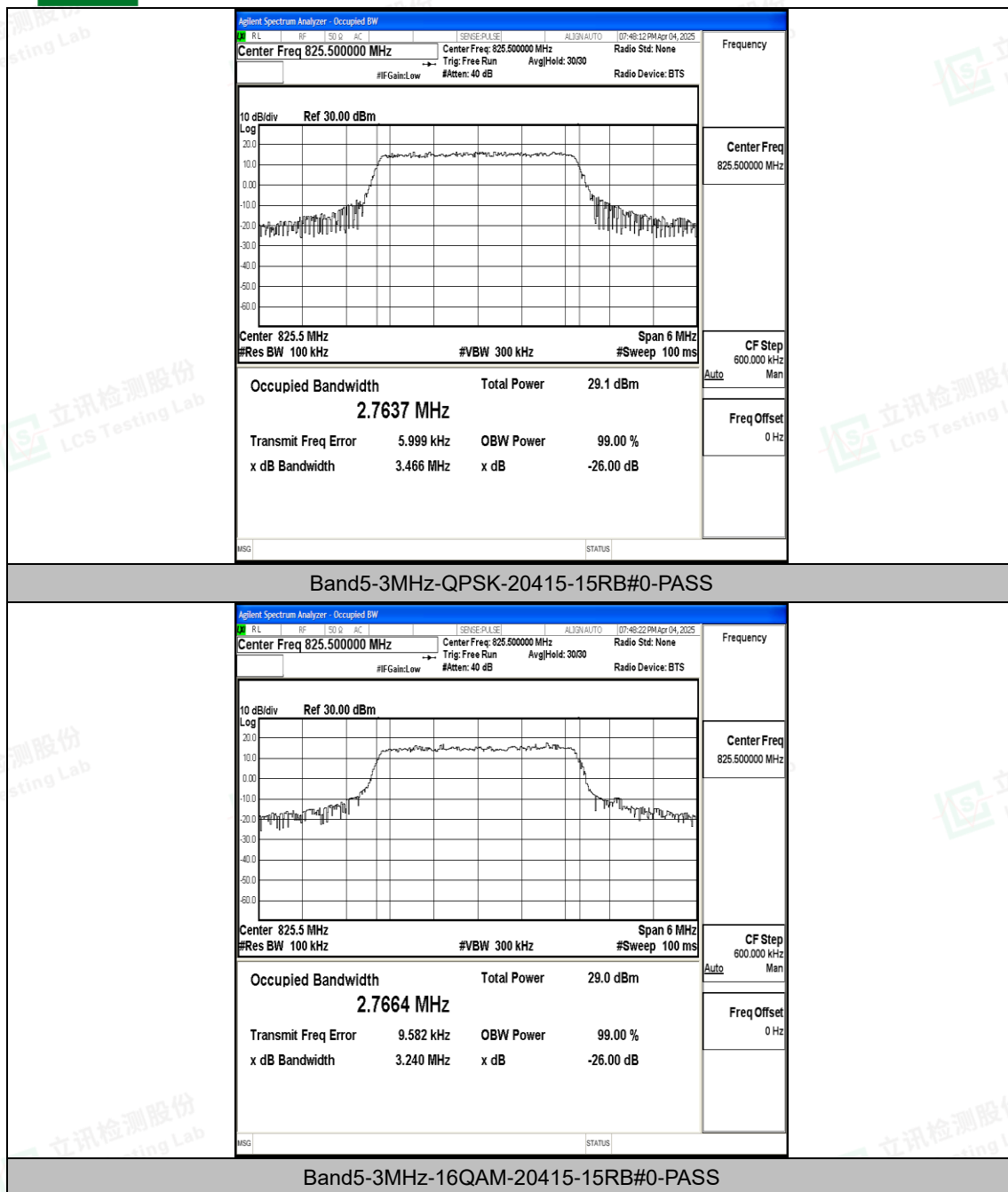


Test Graphs







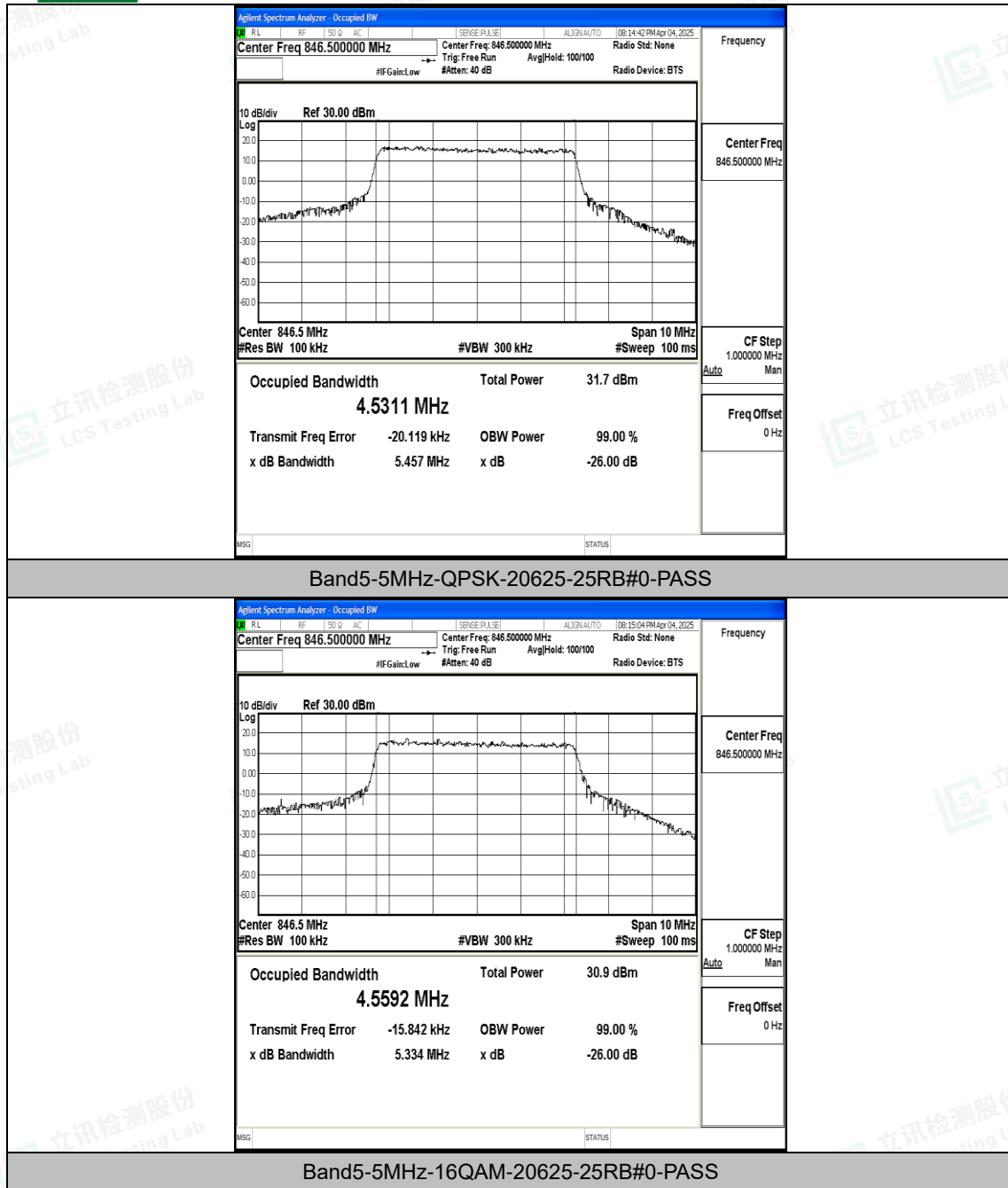


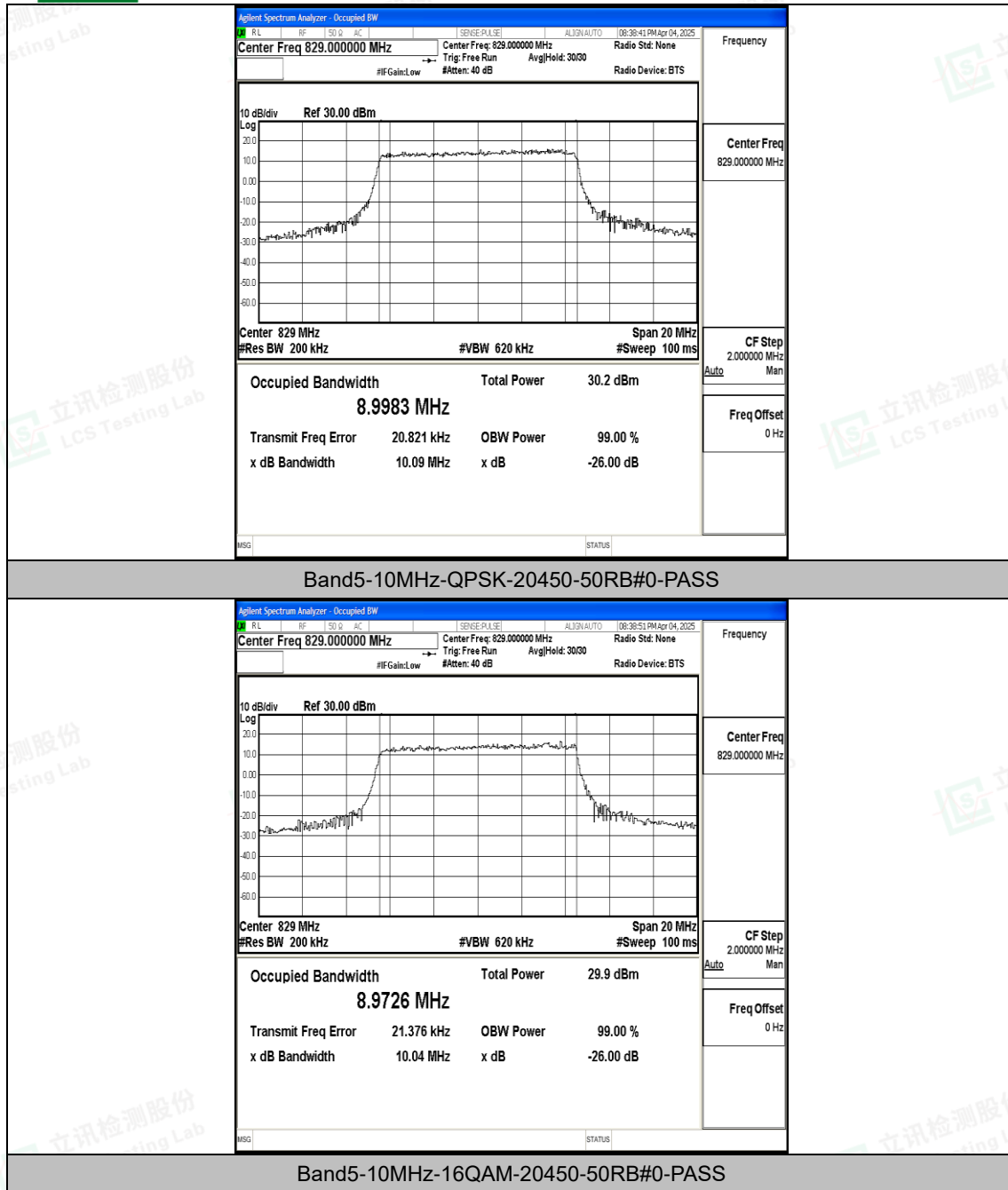


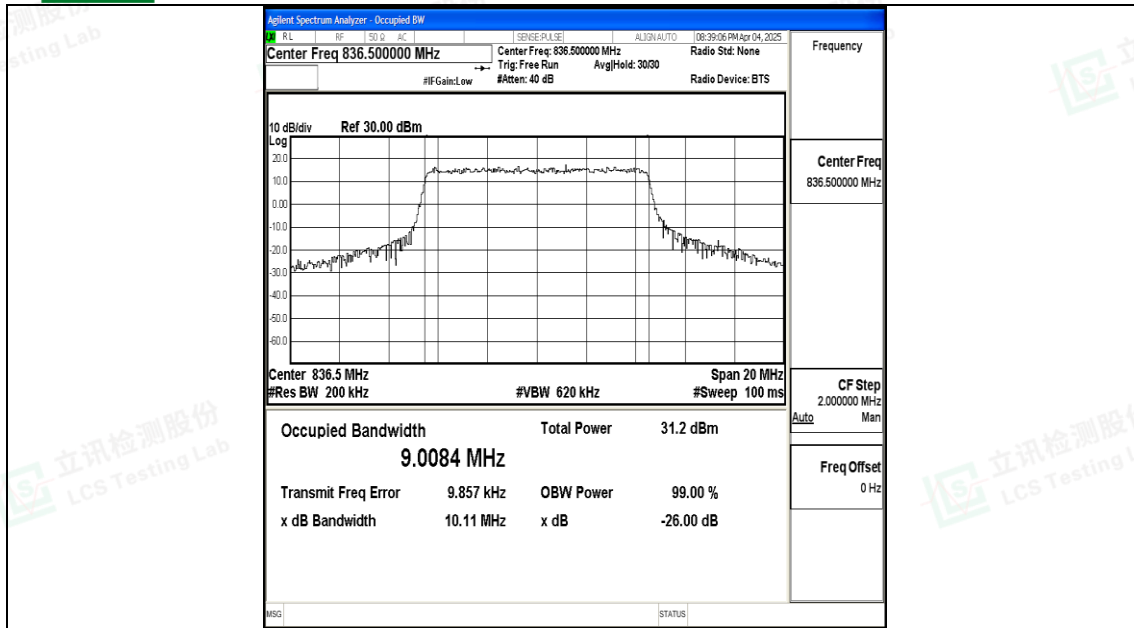




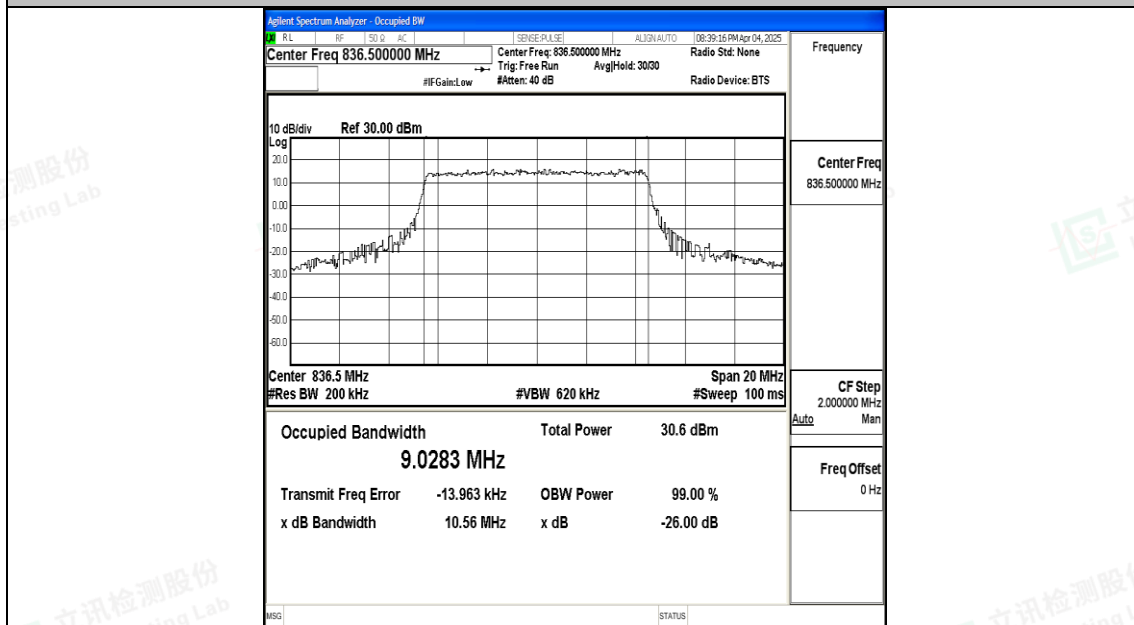








Band5-10MHz-QPSK-20525-50RB#0-PASS



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



