



Appendix J: Test Data for E-UTRA Band 7

Product Name: Mobile phone

Test Model: F161

Environmental Conditions

Temperature:	25.6°C
Relative Humidity:	54.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Jerry Chu
Supervised by:	Can Kun



J.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	23.24	PASS
Band7	5MHz	QPSK	20775	1RB#12	23.59	PASS
Band7	5MHz	QPSK	20775	1RB#24	23.31	PASS
Band7	5MHz	QPSK	20775	12RB#0	22.30	PASS
Band7	5MHz	QPSK	20775	12RB#6	22.42	PASS
Band7	5MHz	QPSK	20775	12RB#13	22.31	PASS
Band7	5MHz	QPSK	20775	25RB#0	22.35	PASS
Band7	5MHz	16QAM	20775	1RB#0	22.41	PASS
Band7	5MHz	16QAM	20775	1RB#12	22.85	PASS
Band7	5MHz	16QAM	20775	1RB#24	22.52	PASS
Band7	5MHz	16QAM	20775	12RB#0	21.31	PASS
Band7	5MHz	16QAM	20775	12RB#6	21.54	PASS
Band7	5MHz	16QAM	20775	12RB#13	21.38	PASS
Band7	5MHz	16QAM	20775	25RB#0	21.32	PASS
Band7	5MHz	QPSK	21100	1RB#0	23.56	PASS
Band7	5MHz	QPSK	21100	1RB#12	23.84	PASS
Band7	5MHz	QPSK	21100	1RB#24	23.63	PASS
Band7	5MHz	QPSK	21100	12RB#0	22.59	PASS
Band7	5MHz	QPSK	21100	12RB#6	22.70	PASS
Band7	5MHz	QPSK	21100	12RB#13	22.61	PASS
Band7	5MHz	QPSK	21100	25RB#0	22.58	PASS
Band7	5MHz	16QAM	21100	1RB#0	22.55	PASS
Band7	5MHz	16QAM	21100	1RB#12	23.00	PASS
Band7	5MHz	16QAM	21100	1RB#24	22.56	PASS
Band7	5MHz	16QAM	21100	12RB#0	21.57	PASS
Band7	5MHz	16QAM	21100	12RB#6	21.63	PASS
Band7	5MHz	16QAM	21100	12RB#13	21.61	PASS
Band7	5MHz	16QAM	21100	25RB#0	21.67	PASS
Band7	5MHz	QPSK	21425	1RB#0	23.96	PASS
Band7	5MHz	QPSK	21425	1RB#12	24.25	PASS
Band7	5MHz	QPSK	21425	1RB#24	23.93	PASS
Band7	5MHz	QPSK	21425	12RB#0	23.07	PASS
Band7	5MHz	QPSK	21425	12RB#6	23.11	PASS
Band7	5MHz	QPSK	21425	12RB#13	23.07	PASS
Band7	5MHz	QPSK	21425	25RB#0	23.04	PASS
Band7	5MHz	16QAM	21425	1RB#0	22.97	PASS
Band7	5MHz	16QAM	21425	1RB#12	23.48	PASS



Band7	5MHz	16QAM	21425	1RB#24	22.87	PASS
Band7	5MHz	16QAM	21425	12RB#0	21.97	PASS
Band7	5MHz	16QAM	21425	12RB#6	22.11	PASS
Band7	5MHz	16QAM	21425	12RB#13	21.98	PASS
Band7	5MHz	16QAM	21425	25RB#0	22.05	PASS
Band7	10MHz	QPSK	20800	1RB#0	23.25	PASS
Band7	10MHz	QPSK	20800	1RB#24	23.53	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.39	PASS
Band7	10MHz	QPSK	20800	25RB#0	22.36	PASS
Band7	10MHz	QPSK	20800	25RB#12	22.38	PASS
Band7	10MHz	QPSK	20800	25RB#25	22.47	PASS
Band7	10MHz	QPSK	20800	50RB#0	22.35	PASS
Band7	10MHz	16QAM	20800	1RB#0	22.38	PASS
Band7	10MHz	16QAM	20800	1RB#24	22.90	PASS
Band7	10MHz	16QAM	20800	1RB#49	22.59	PASS
Band7	10MHz	16QAM	20800	25RB#0	21.39	PASS
Band7	10MHz	16QAM	20800	25RB#12	21.36	PASS
Band7	10MHz	16QAM	20800	25RB#25	21.45	PASS
Band7	10MHz	16QAM	20800	50RB#0	21.34	PASS
Band7	10MHz	QPSK	21100	1RB#0	23.48	PASS
Band7	10MHz	QPSK	21100	1RB#24	23.76	PASS
Band7	10MHz	QPSK	21100	1RB#49	23.63	PASS
Band7	10MHz	QPSK	21100	25RB#0	22.55	PASS
Band7	10MHz	QPSK	21100	25RB#12	22.54	PASS
Band7	10MHz	QPSK	21100	25RB#25	22.64	PASS
Band7	10MHz	QPSK	21100	50RB#0	22.57	PASS
Band7	10MHz	16QAM	21100	1RB#0	22.44	PASS
Band7	10MHz	16QAM	21100	1RB#24	22.88	PASS
Band7	10MHz	16QAM	21100	1RB#49	22.51	PASS
Band7	10MHz	16QAM	21100	25RB#0	21.57	PASS
Band7	10MHz	16QAM	21100	25RB#12	21.53	PASS
Band7	10MHz	16QAM	21100	25RB#25	21.64	PASS
Band7	10MHz	16QAM	21100	50RB#0	21.56	PASS
Band7	10MHz	QPSK	21400	1RB#0	24.08	PASS
Band7	10MHz	QPSK	21400	1RB#24	24.19	PASS
Band7	10MHz	QPSK	21400	1RB#49	23.91	PASS
Band7	10MHz	QPSK	21400	25RB#0	23.11	PASS
Band7	10MHz	QPSK	21400	25RB#12	23.08	PASS
Band7	10MHz	QPSK	21400	25RB#25	23.06	PASS
Band7	10MHz	QPSK	21400	50RB#0	23.09	PASS
Band7	10MHz	16QAM	21400	1RB#0	23.19	PASS
Band7	10MHz	16QAM	21400	1RB#24	23.37	PASS
Band7	10MHz	16QAM	21400	1RB#49	23.06	PASS



Band7	10MHz	16QAM	21400	25RB#0	22.07	PASS
Band7	10MHz	16QAM	21400	25RB#12	22.06	PASS
Band7	10MHz	16QAM	21400	25RB#25	22.00	PASS
Band7	10MHz	16QAM	21400	50RB#0	22.00	PASS
Band7	15MHz	QPSK	20825	1RB#0	23.24	PASS
Band7	15MHz	QPSK	20825	1RB#38	23.60	PASS
Band7	15MHz	QPSK	20825	1RB#74	23.38	PASS
Band7	15MHz	QPSK	20825	38RB#0	22.46	PASS
Band7	15MHz	QPSK	20825	38RB#18	22.50	PASS
Band7	15MHz	QPSK	20825	38RB#37	22.55	PASS
Band7	15MHz	QPSK	20825	75RB#0	22.50	PASS
Band7	15MHz	16QAM	20825	1RB#0	22.43	PASS
Band7	15MHz	16QAM	20825	1RB#38	22.73	PASS
Band7	15MHz	16QAM	20825	1RB#74	22.63	PASS
Band7	15MHz	16QAM	20825	38RB#0	21.38	PASS
Band7	15MHz	16QAM	20825	38RB#18	21.50	PASS
Band7	15MHz	16QAM	20825	38RB#37	21.50	PASS
Band7	15MHz	16QAM	20825	75RB#0	21.45	PASS
Band7	15MHz	QPSK	21100	1RB#0	23.45	PASS
Band7	15MHz	QPSK	21100	1RB#38	23.65	PASS
Band7	15MHz	QPSK	21100	1RB#74	23.66	PASS
Band7	15MHz	QPSK	21100	38RB#0	22.56	PASS
Band7	15MHz	QPSK	21100	38RB#18	22.71	PASS
Band7	15MHz	QPSK	21100	38RB#37	22.80	PASS
Band7	15MHz	QPSK	21100	75RB#0	22.66	PASS
Band7	15MHz	16QAM	21100	1RB#0	22.36	PASS
Band7	15MHz	16QAM	21100	1RB#38	22.80	PASS
Band7	15MHz	16QAM	21100	1RB#74	22.56	PASS
Band7	15MHz	16QAM	21100	38RB#0	21.52	PASS
Band7	15MHz	16QAM	21100	38RB#18	21.57	PASS
Band7	15MHz	16QAM	21100	38RB#37	21.64	PASS
Band7	15MHz	16QAM	21100	75RB#0	21.57	PASS
Band7	15MHz	QPSK	21375	1RB#0	24.01	PASS
Band7	15MHz	QPSK	21375	1RB#38	24.12	PASS
Band7	15MHz	QPSK	21375	1RB#74	23.80	PASS
Band7	15MHz	QPSK	21375	38RB#0	23.19	PASS
Band7	15MHz	QPSK	21375	38RB#18	23.20	PASS
Band7	15MHz	QPSK	21375	38RB#37	23.16	PASS
Band7	15MHz	QPSK	21375	75RB#0	23.13	PASS
Band7	15MHz	16QAM	21375	1RB#0	23.15	PASS
Band7	15MHz	16QAM	21375	1RB#38	23.29	PASS
Band7	15MHz	16QAM	21375	1RB#74	22.97	PASS
Band7	15MHz	16QAM	21375	38RB#0	22.10	PASS



Band7	15MHz	16QAM	21375	38RB#18	22.07	PASS
Band7	15MHz	16QAM	21375	38RB#37	22.06	PASS
Band7	15MHz	16QAM	21375	75RB#0	22.03	PASS
Band7	20MHz	QPSK	20850	1RB#0	23.14	PASS
Band7	20MHz	QPSK	20850	1RB#49	23.59	PASS
Band7	20MHz	QPSK	20850	1RB#99	23.31	PASS
Band7	20MHz	QPSK	20850	50RB#0	22.33	PASS
Band7	20MHz	QPSK	20850	50RB#25	22.41	PASS
Band7	20MHz	QPSK	20850	50RB#50	22.44	PASS
Band7	20MHz	QPSK	20850	100RB#0	22.41	PASS
Band7	20MHz	16QAM	20850	1RB#0	22.20	PASS
Band7	20MHz	16QAM	20850	1RB#49	23.00	PASS
Band7	20MHz	16QAM	20850	1RB#99	22.43	PASS
Band7	20MHz	16QAM	20850	50RB#0	21.34	PASS
Band7	20MHz	16QAM	20850	50RB#25	21.49	PASS
Band7	20MHz	16QAM	20850	50RB#50	21.51	PASS
Band7	20MHz	16QAM	20850	100RB#0	21.34	PASS
Band7	20MHz	QPSK	21100	1RB#0	23.20	PASS
Band7	20MHz	QPSK	21100	1RB#49	23.76	PASS
Band7	20MHz	QPSK	21100	1RB#99	23.49	PASS
Band7	20MHz	QPSK	21100	50RB#0	22.42	PASS
Band7	20MHz	QPSK	21100	50RB#25	22.56	PASS
Band7	20MHz	QPSK	21100	50RB#50	22.58	PASS
Band7	20MHz	QPSK	21100	100RB#0	22.46	PASS
Band7	20MHz	16QAM	21100	1RB#0	22.23	PASS
Band7	20MHz	16QAM	21100	1RB#49	22.86	PASS
Band7	20MHz	16QAM	21100	1RB#99	22.60	PASS
Band7	20MHz	16QAM	21100	50RB#0	21.50	PASS
Band7	20MHz	16QAM	21100	50RB#25	21.56	PASS
Band7	20MHz	16QAM	21100	50RB#50	21.60	PASS
Band7	20MHz	16QAM	21100	100RB#0	21.53	PASS
Band7	20MHz	QPSK	21350	1RB#0	23.95	PASS
Band7	20MHz	QPSK	21350	1RB#49	24.22	PASS
Band7	20MHz	QPSK	21350	1RB#99	23.83	PASS
Band7	20MHz	QPSK	21350	50RB#0	23.11	PASS
Band7	20MHz	QPSK	21350	50RB#25	23.08	PASS
Band7	20MHz	QPSK	21350	50RB#50	23.07	PASS
Band7	20MHz	QPSK	21350	100RB#0	23.09	PASS
Band7	20MHz	16QAM	21350	1RB#0	22.93	PASS
Band7	20MHz	16QAM	21350	1RB#49	23.45	PASS
Band7	20MHz	16QAM	21350	1RB#99	22.81	PASS
Band7	20MHz	16QAM	21350	50RB#0	22.06	PASS
Band7	20MHz	16QAM	21350	50RB#25	22.05	PASS



Band7	20MHz	16QAM	21350	50RB#50	22.00	PASS
Band7	20MHz	16QAM	21350	100RB#0	22.03	PASS



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

Test Result

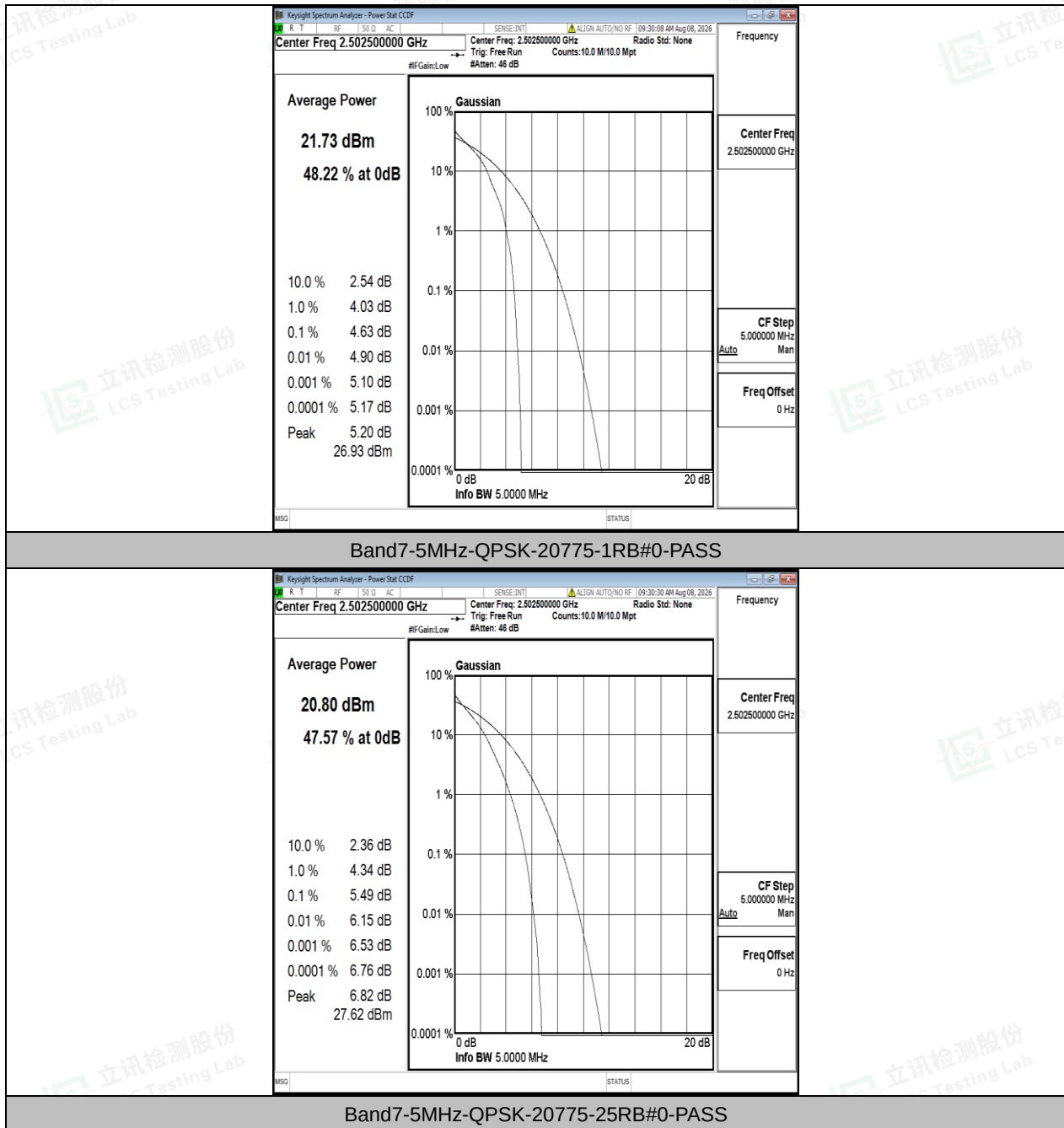
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	4.63	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.49	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	5.33	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.18	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	3.65	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.00	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	4.56	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.72	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	4.02	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.15	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	4.82	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.87	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	4.45	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.49	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	5.36	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.23	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	3.61	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.03	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	4.59	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.81	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	3.93	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.22	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	4.89	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.97	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	4.75	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.35	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	5.64	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.14	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	4.76	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	4.99	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	5.37	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	5.84	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	4.67	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.18	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	5.36	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	5.97	13	PASS

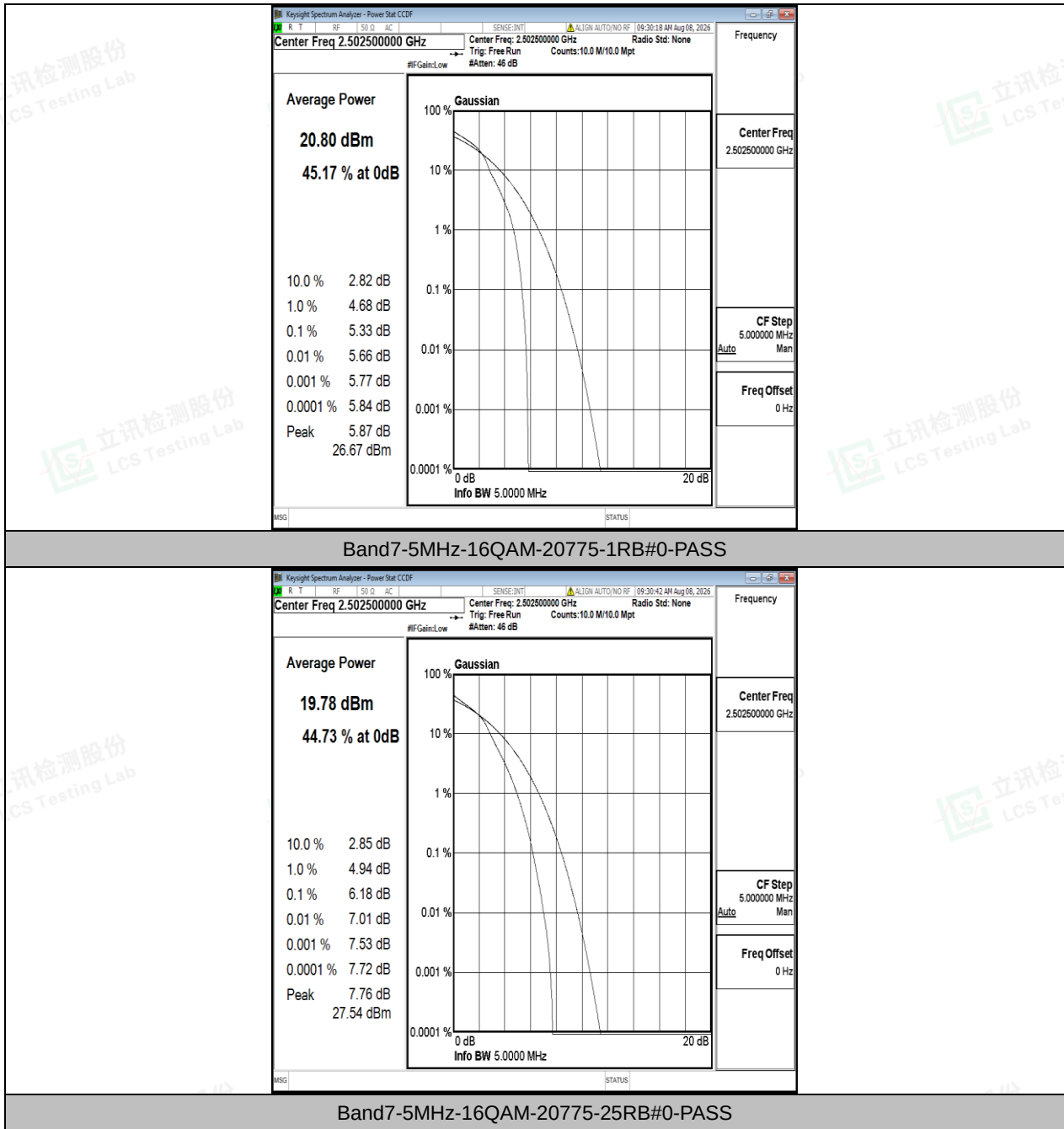


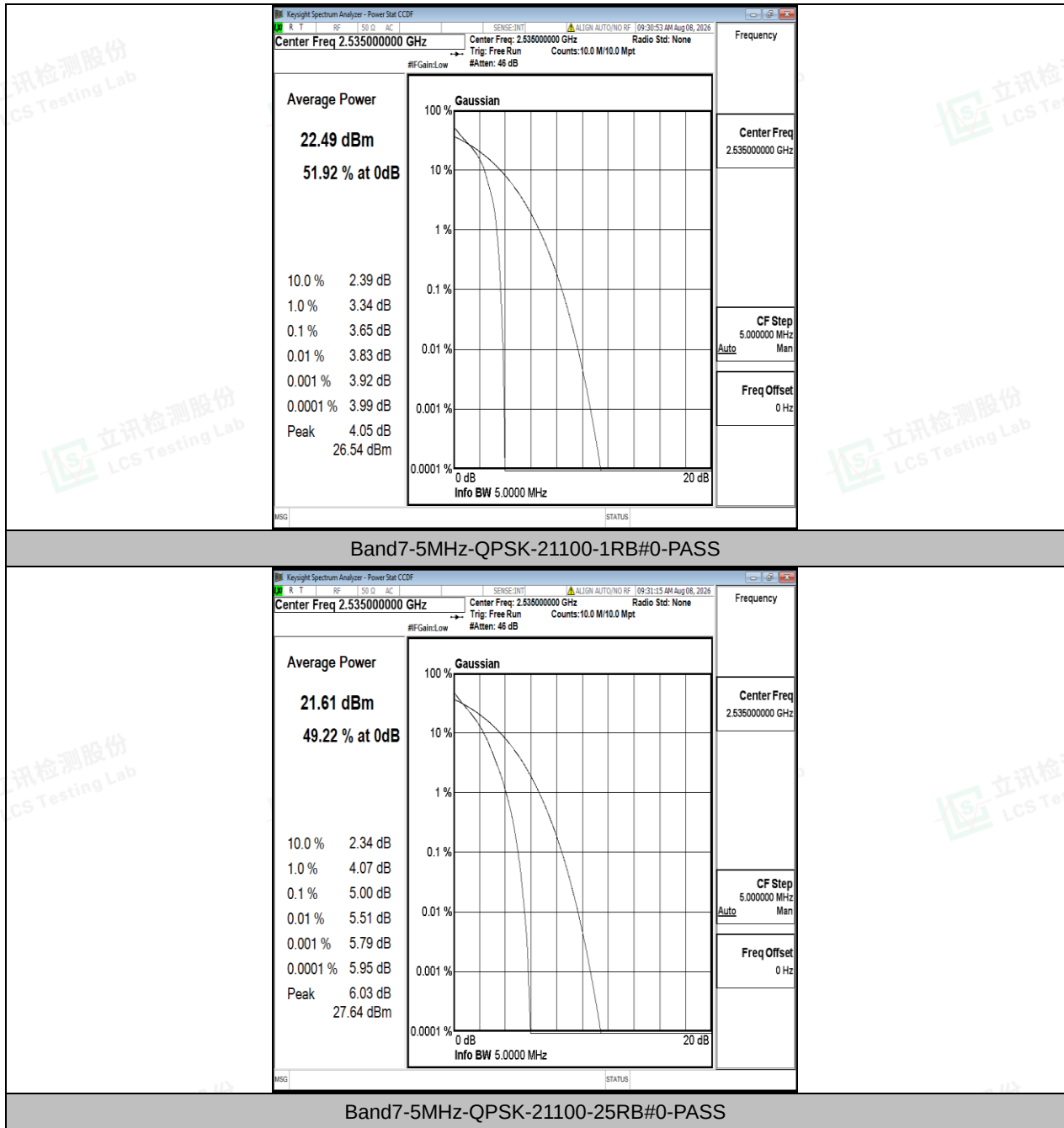
Band7	20MHz	QPSK	20850	1RB#0	4.56	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.47	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	5.23	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.27	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	4.18	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.01	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	4.92	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.84	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	4.05	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.20	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	4.87	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.98	13	PASS

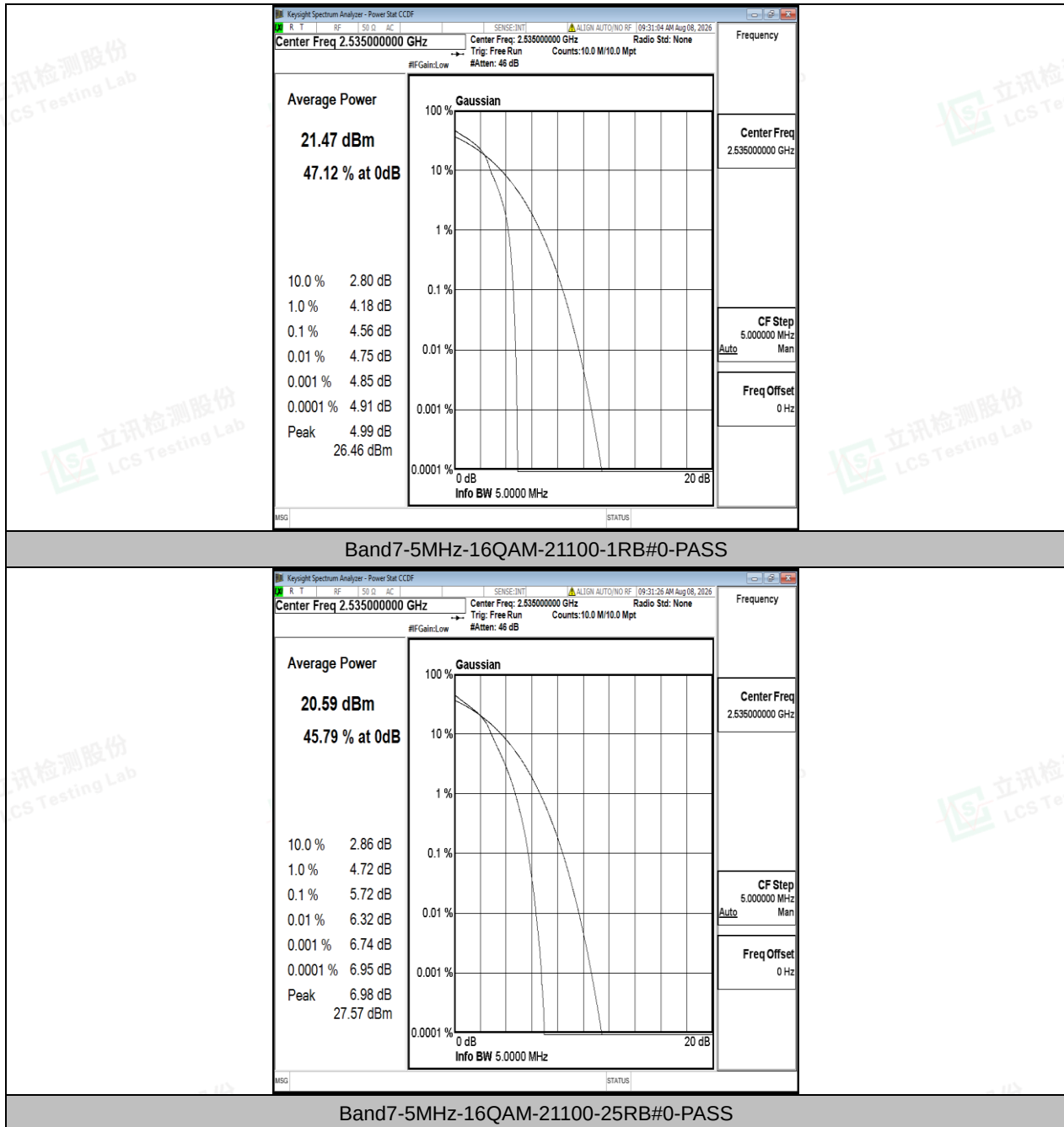


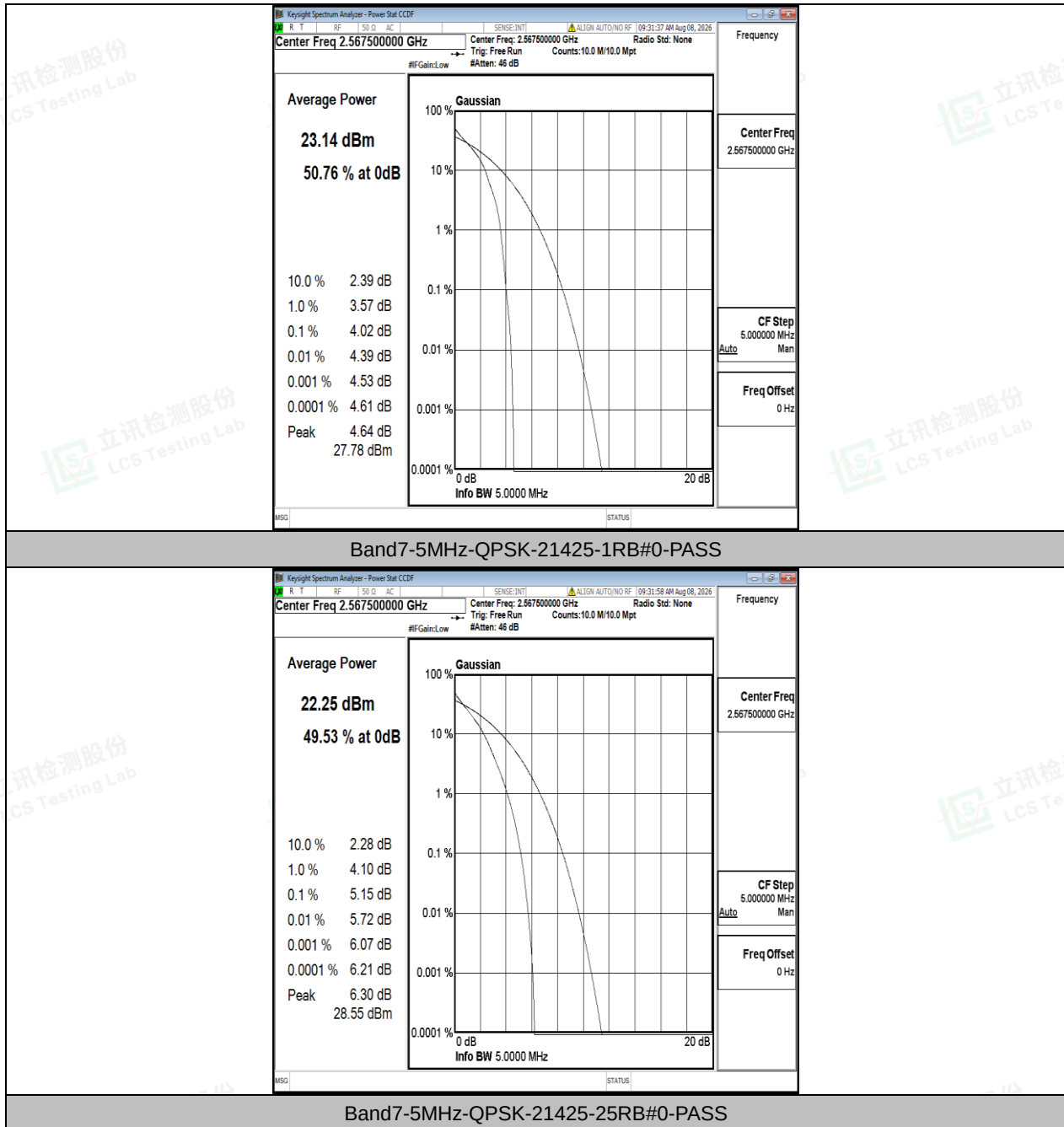
Test Graphs

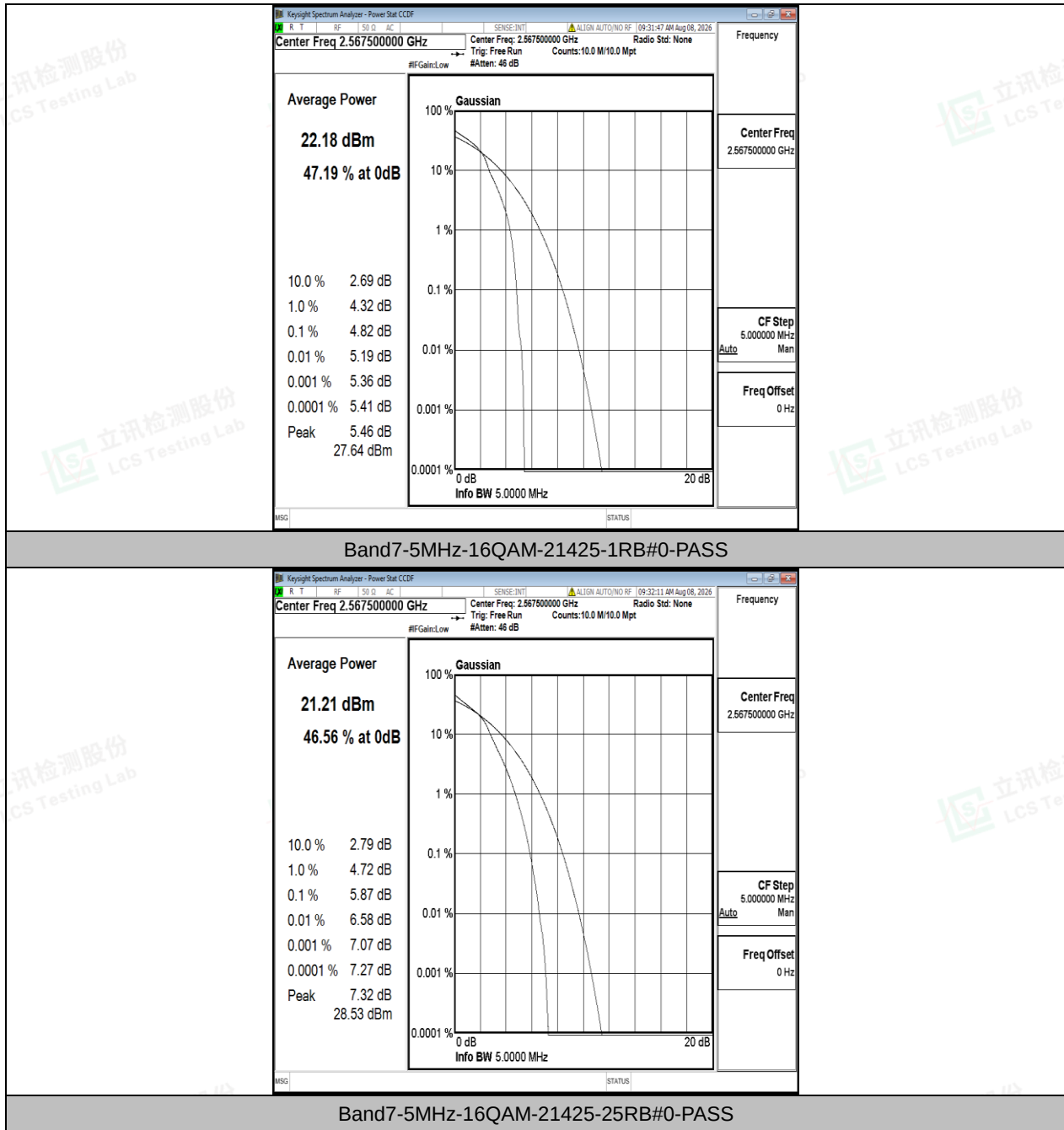


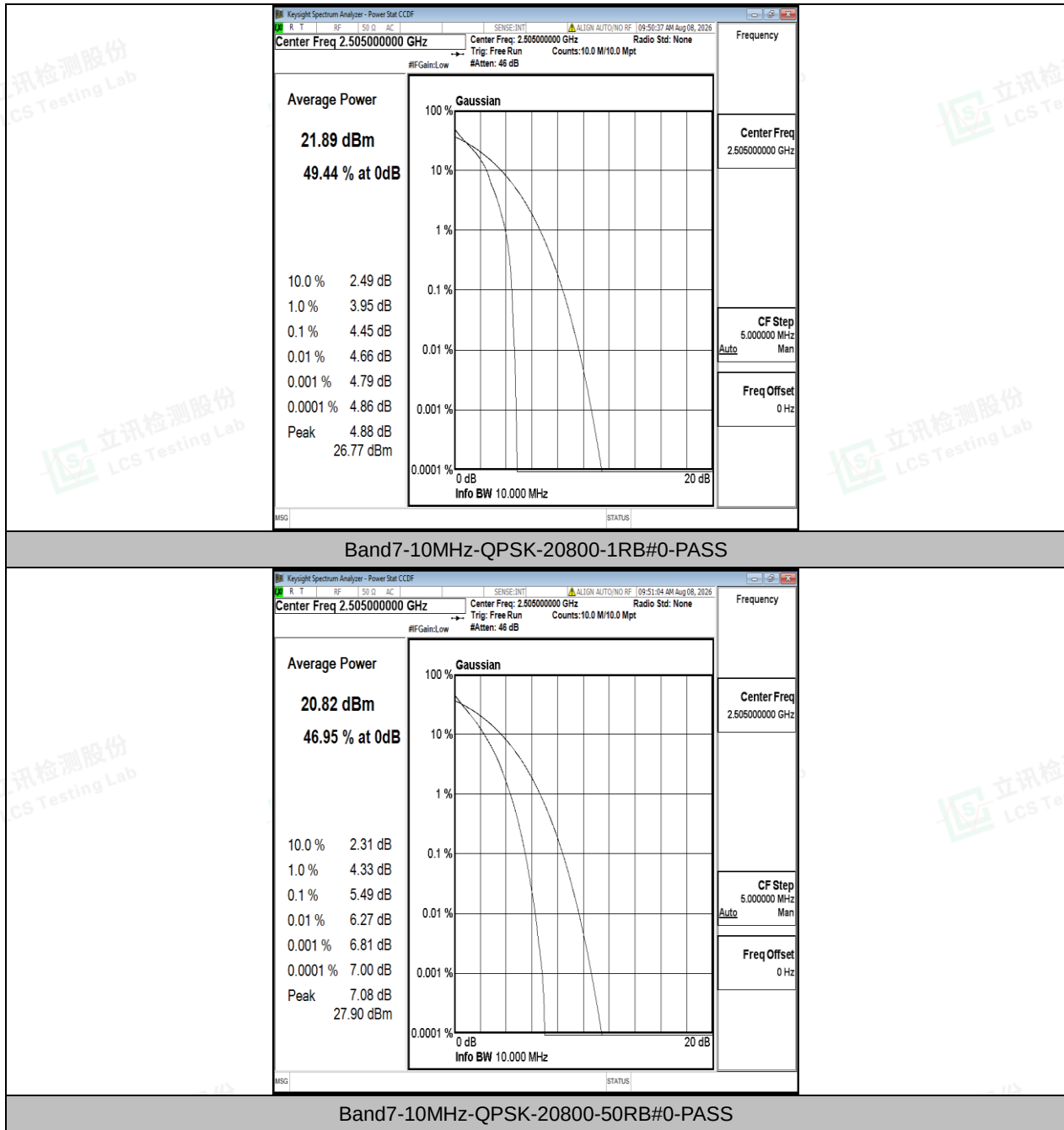


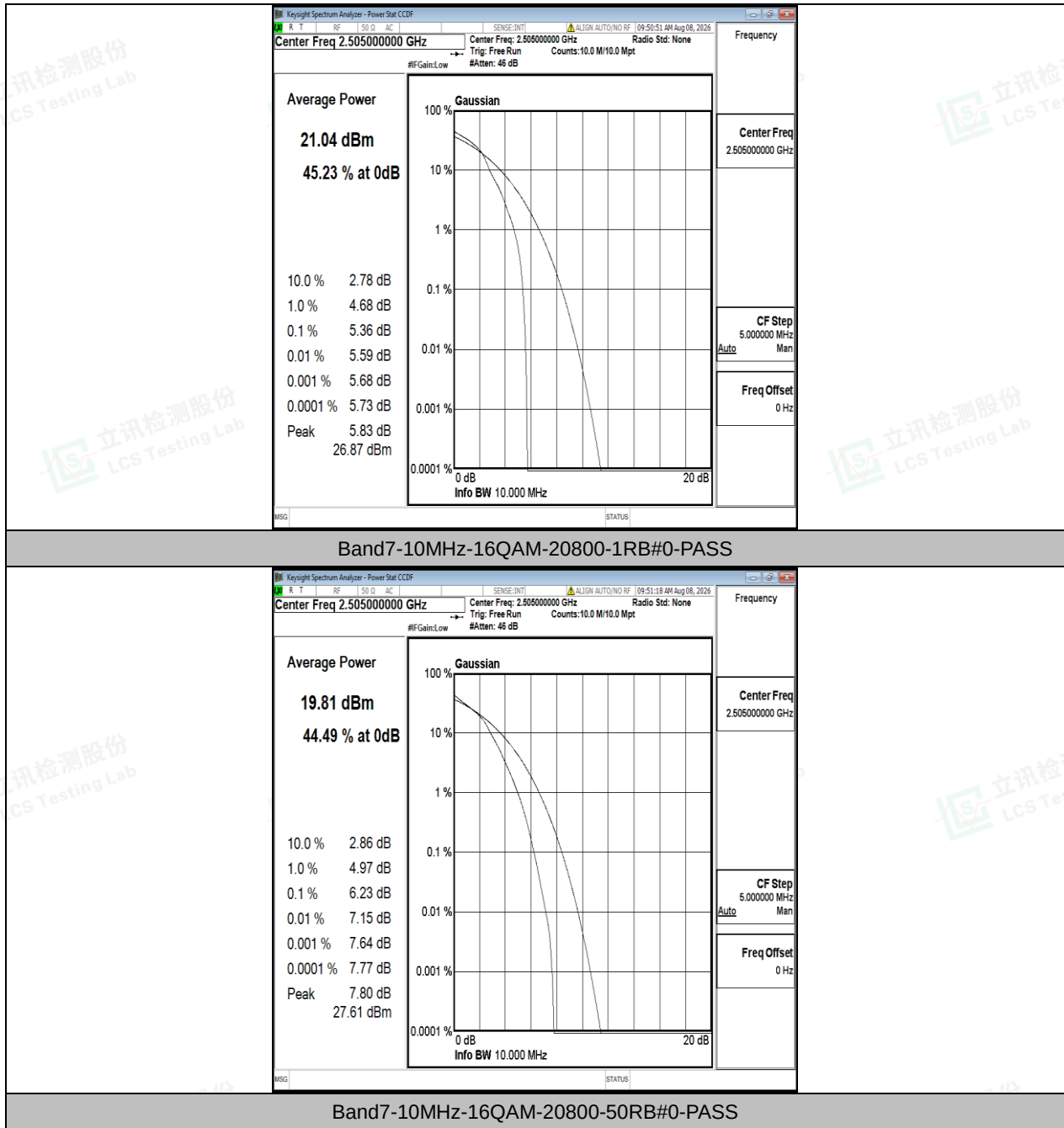


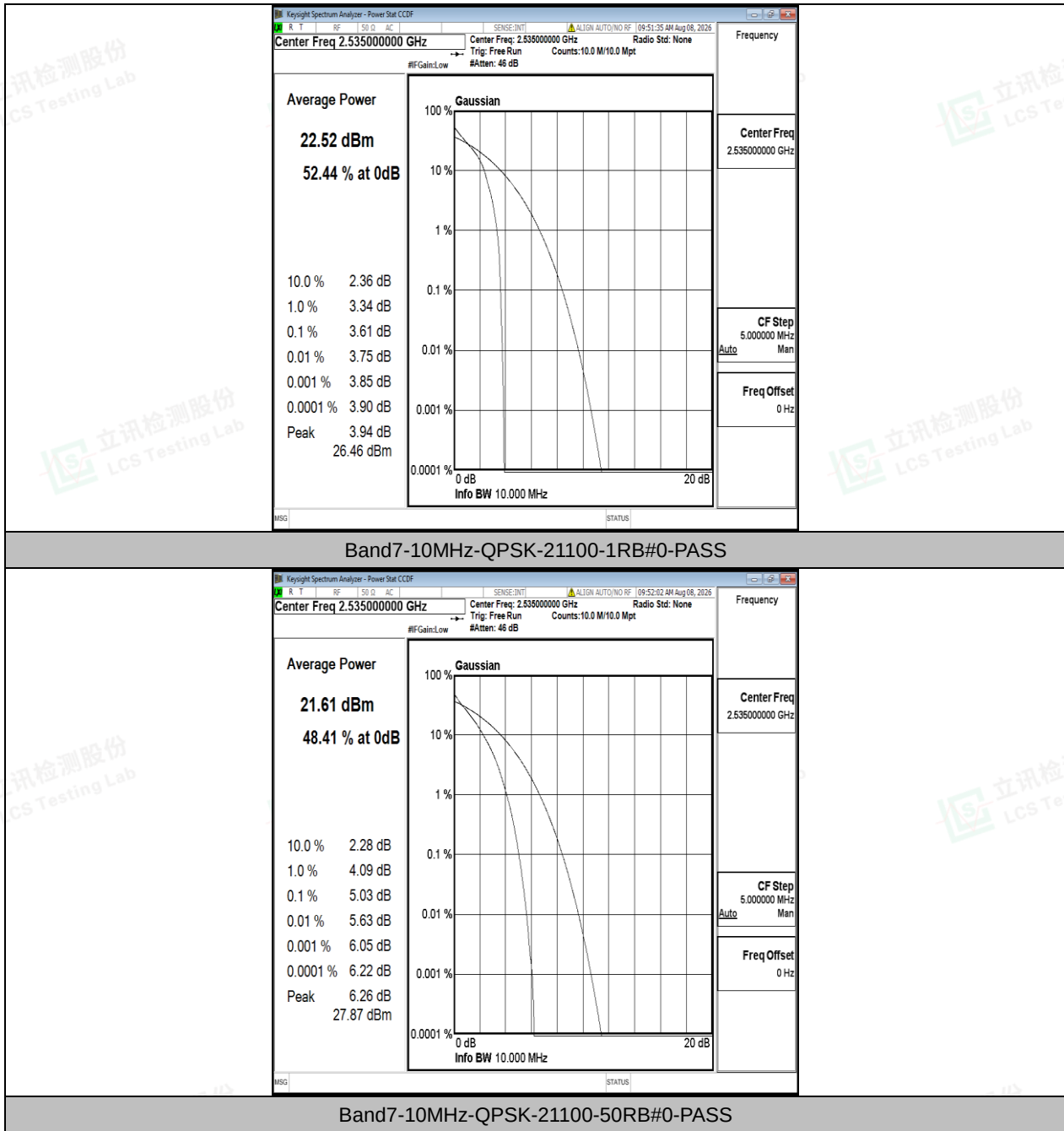


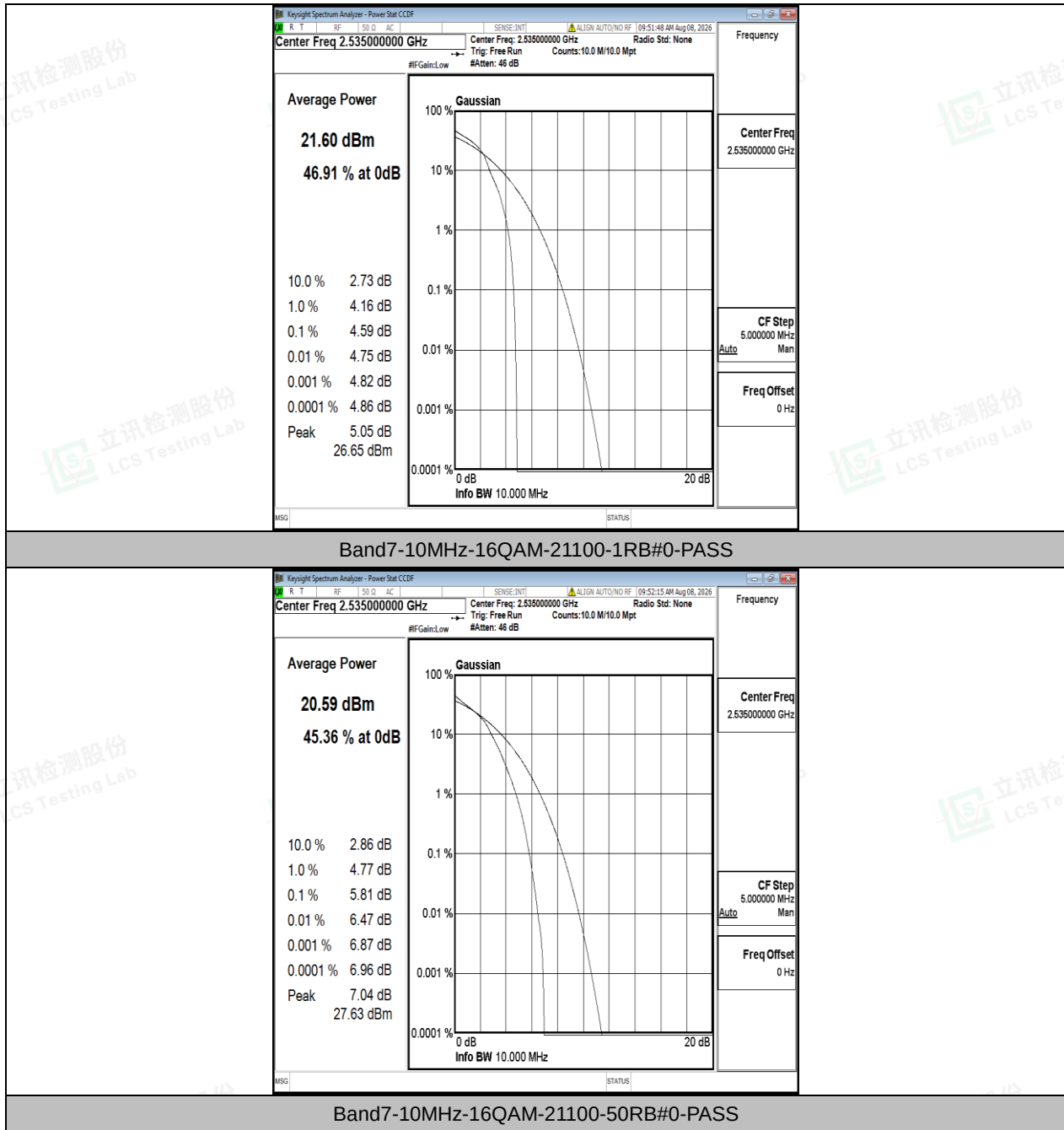


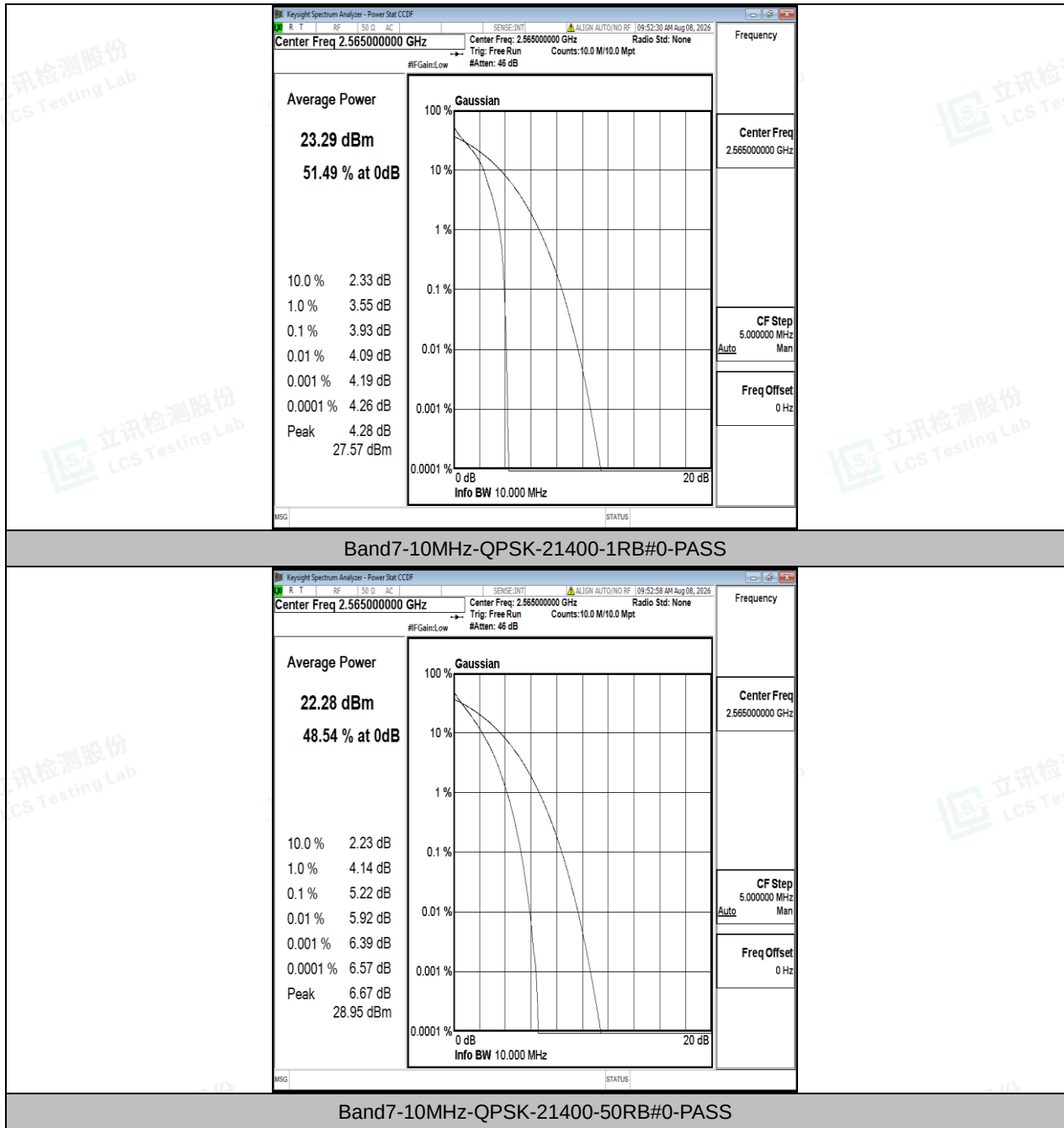


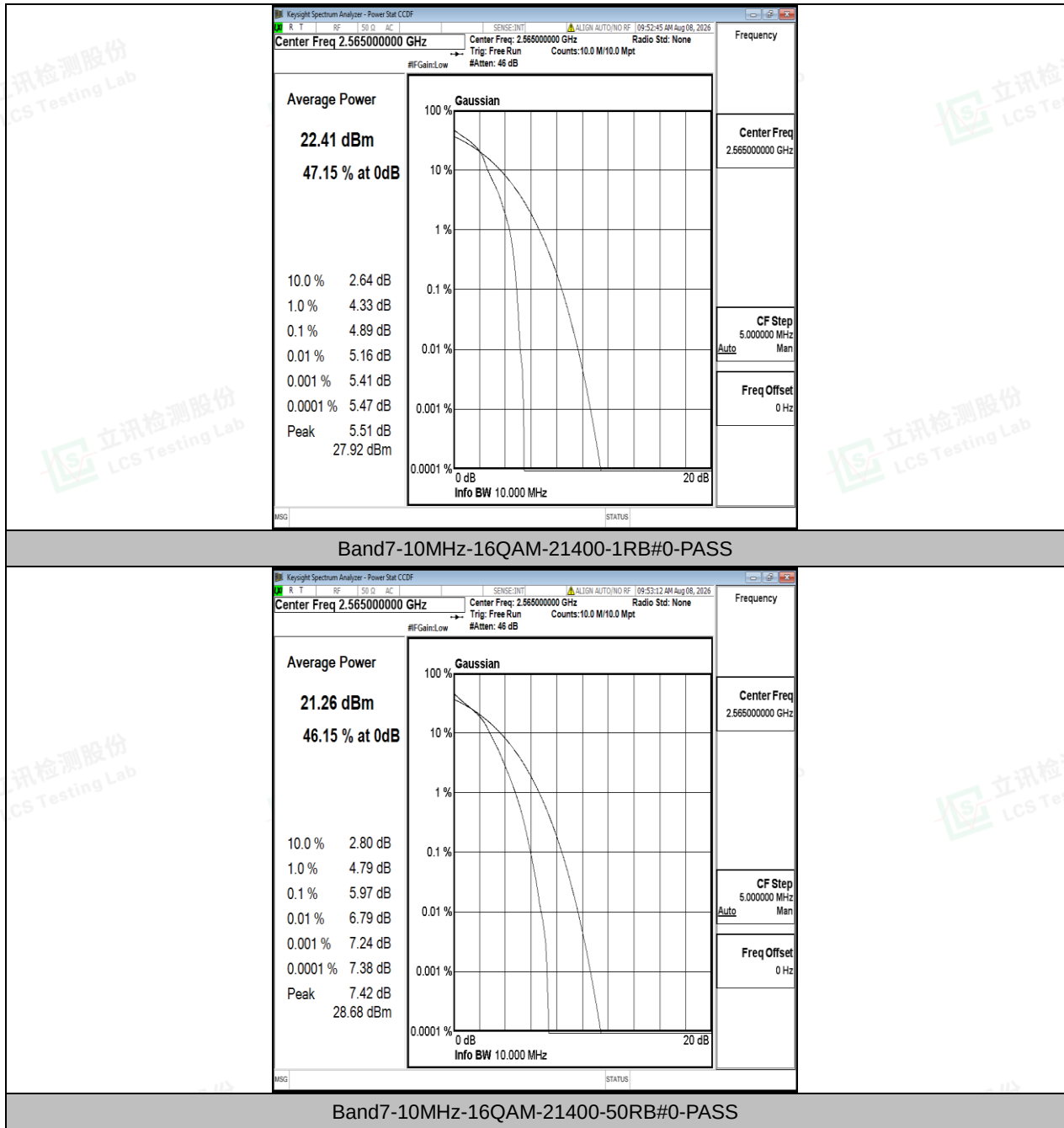


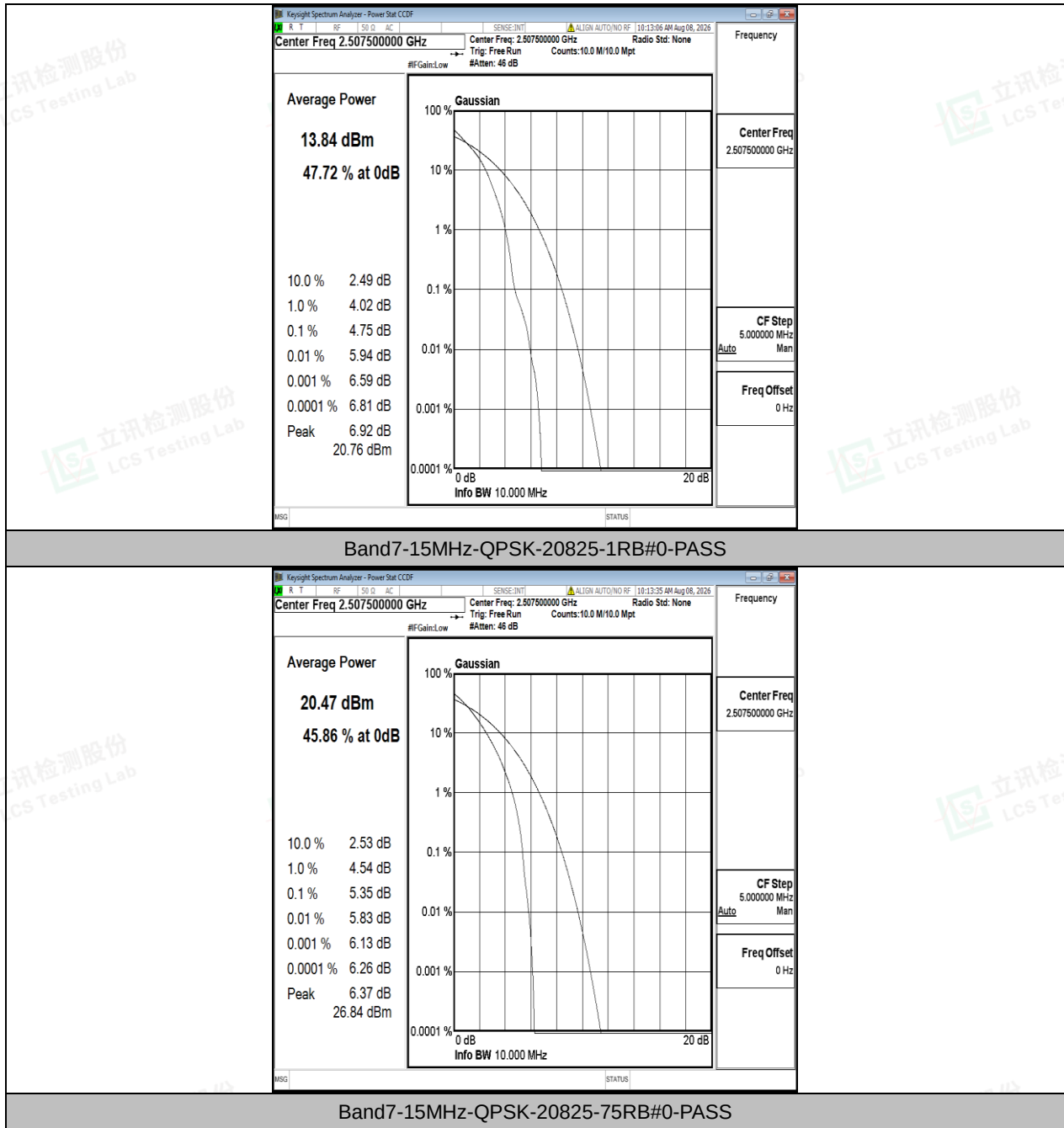


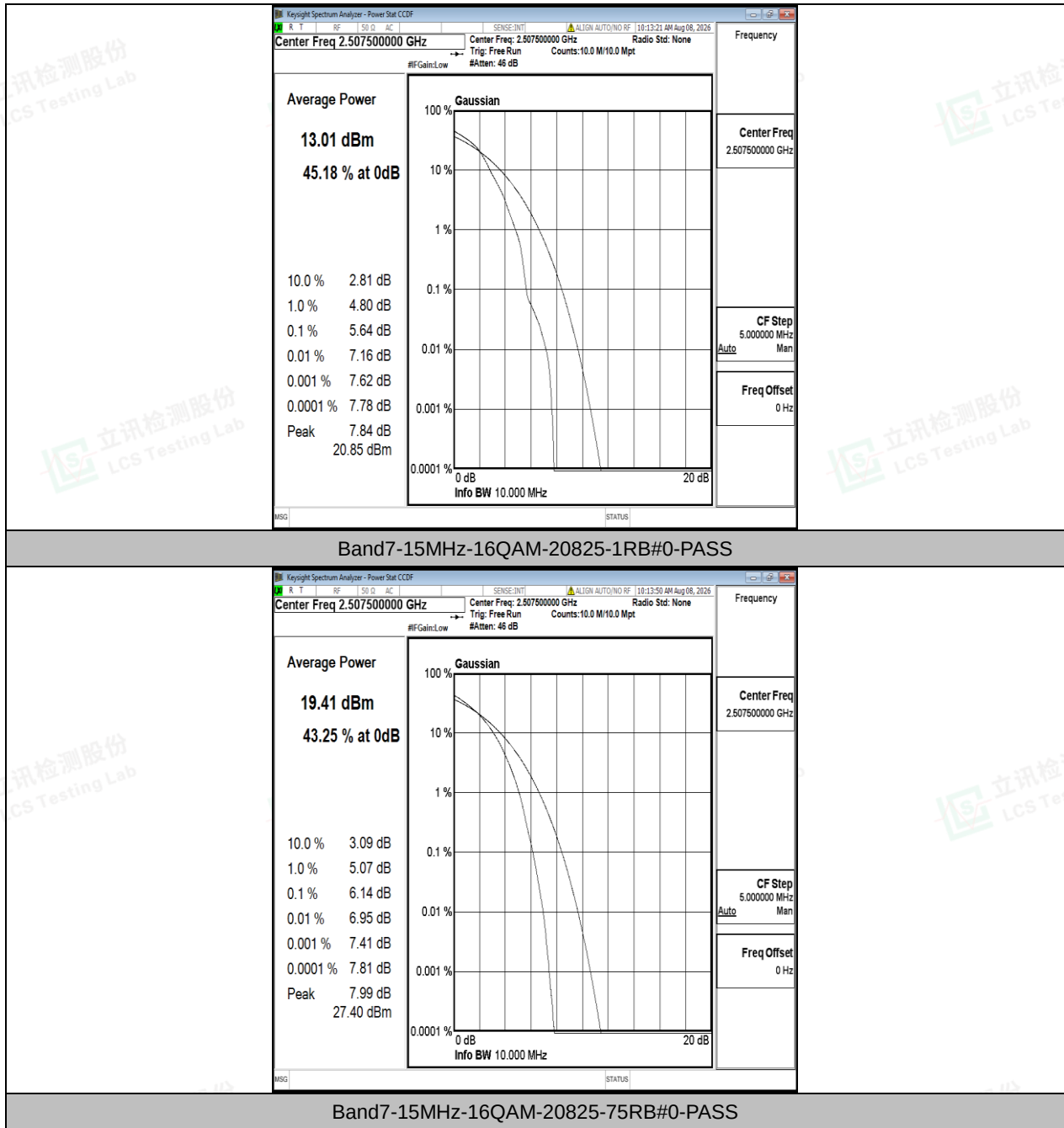


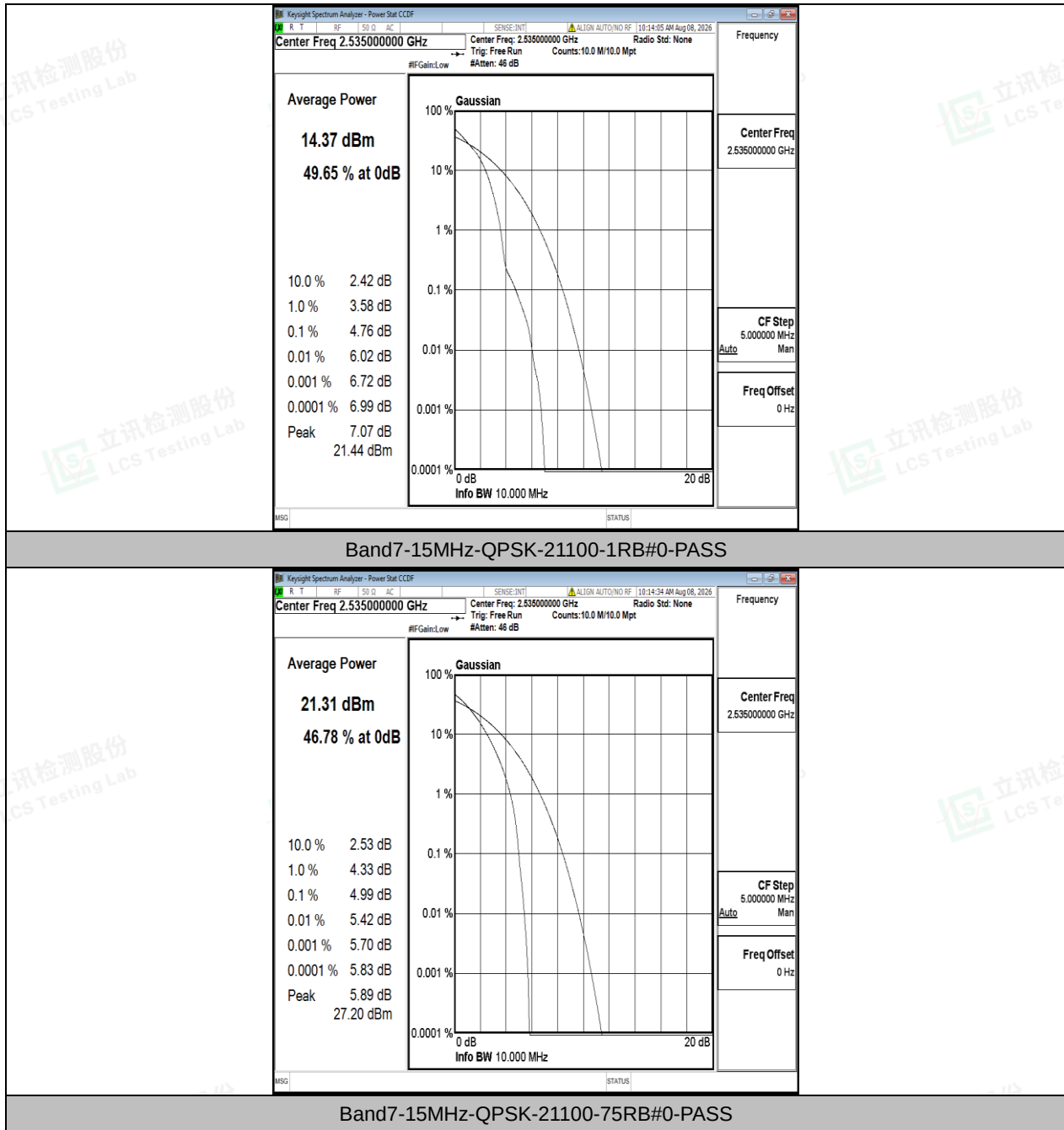


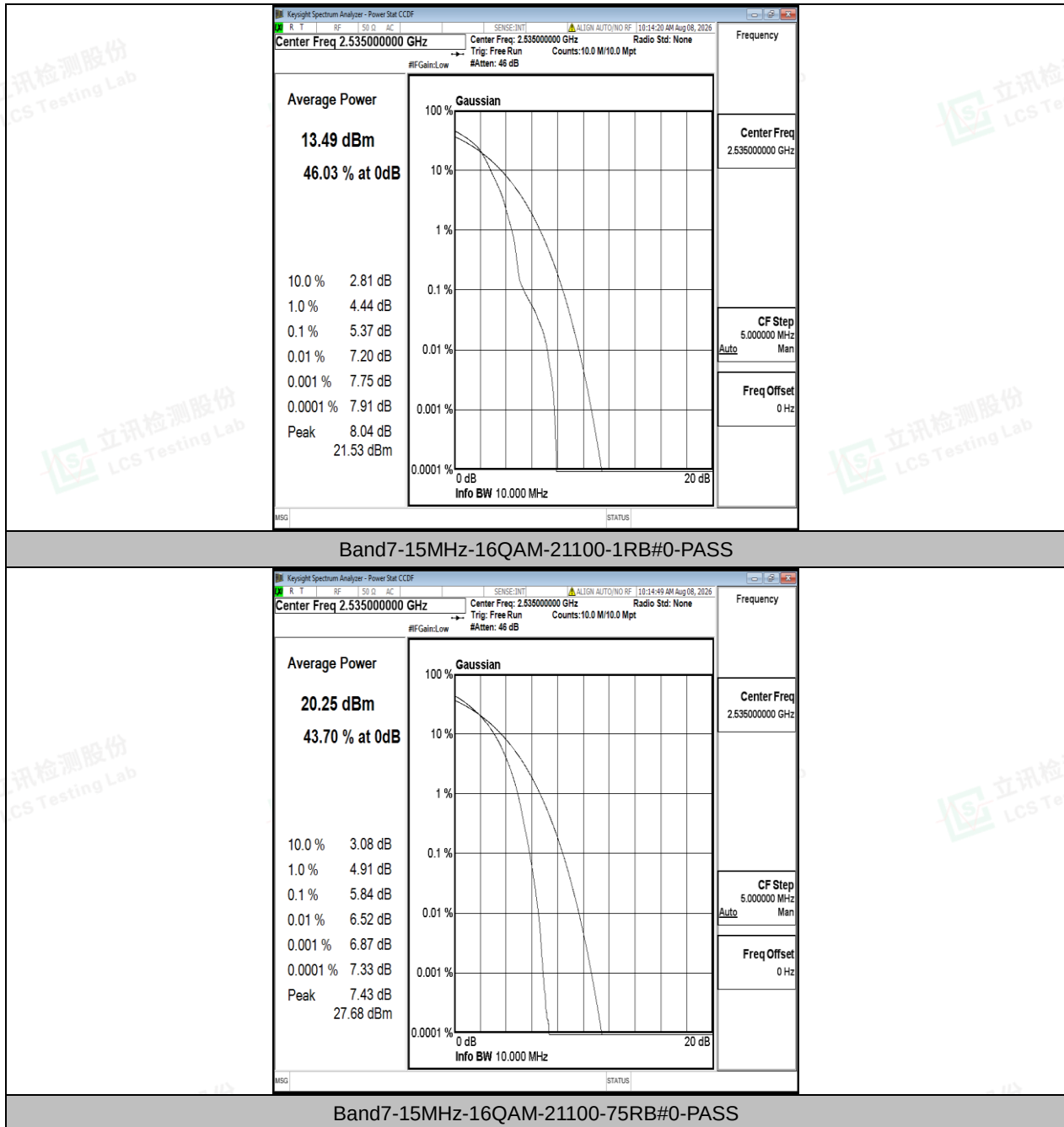


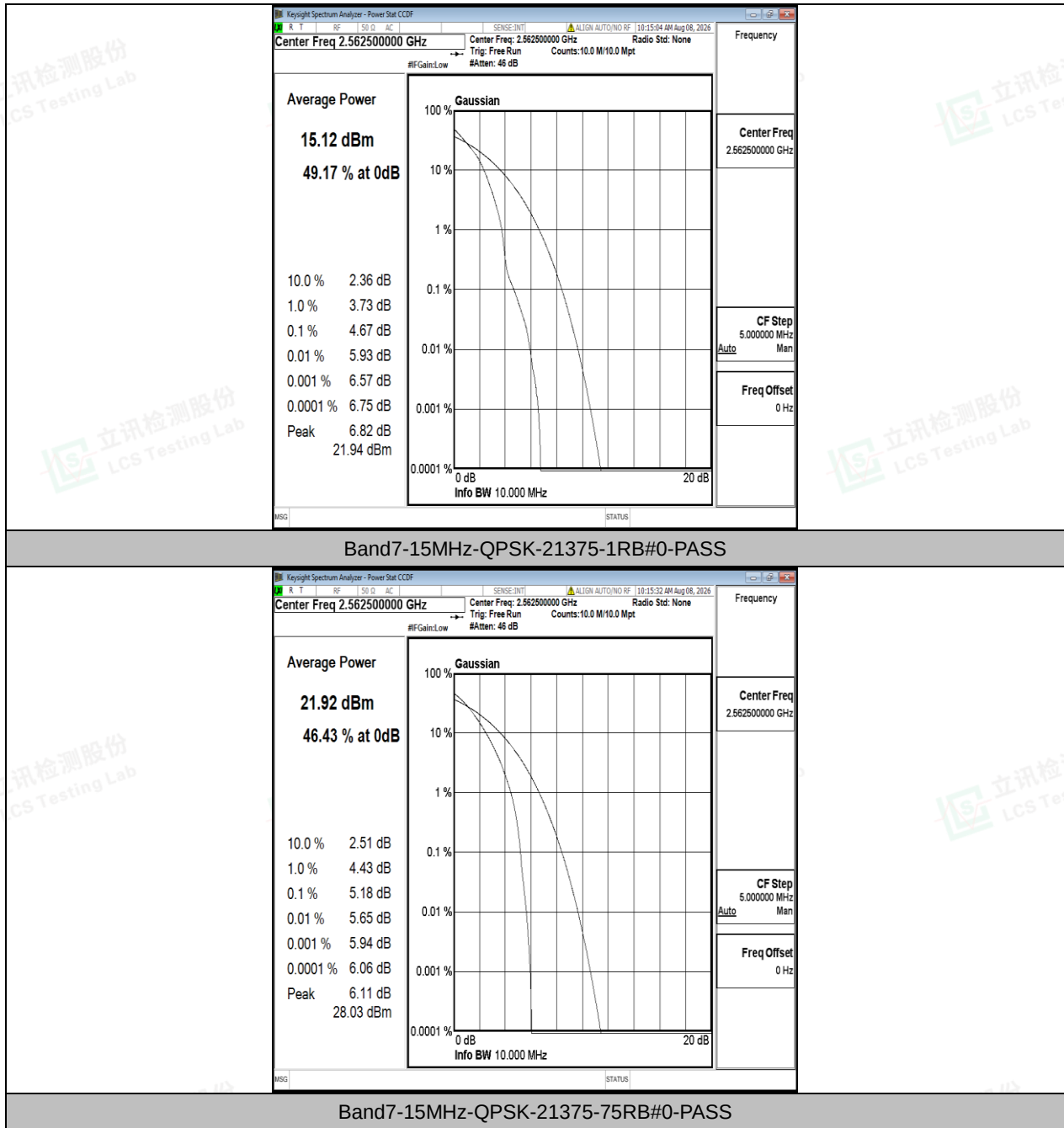


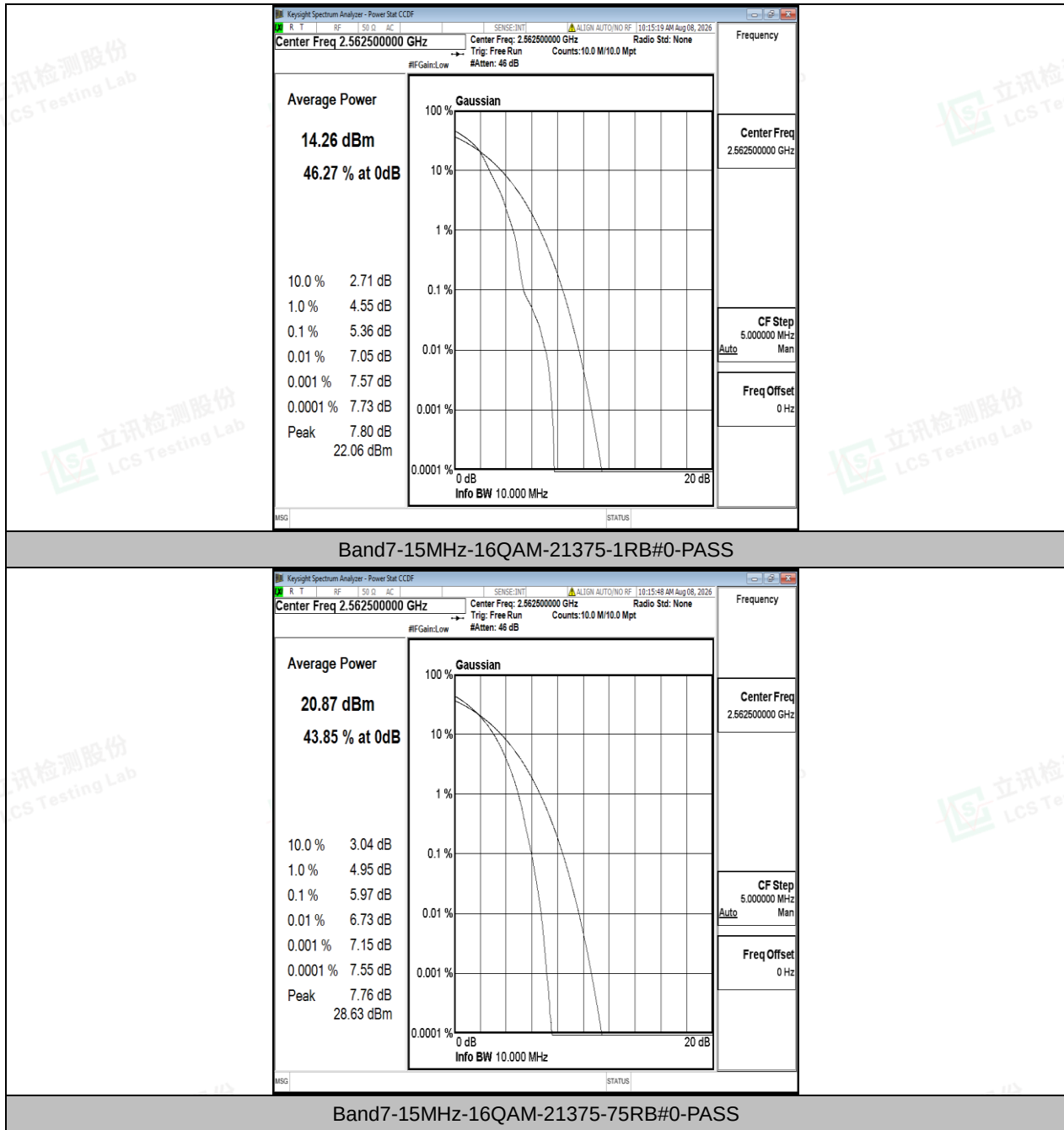


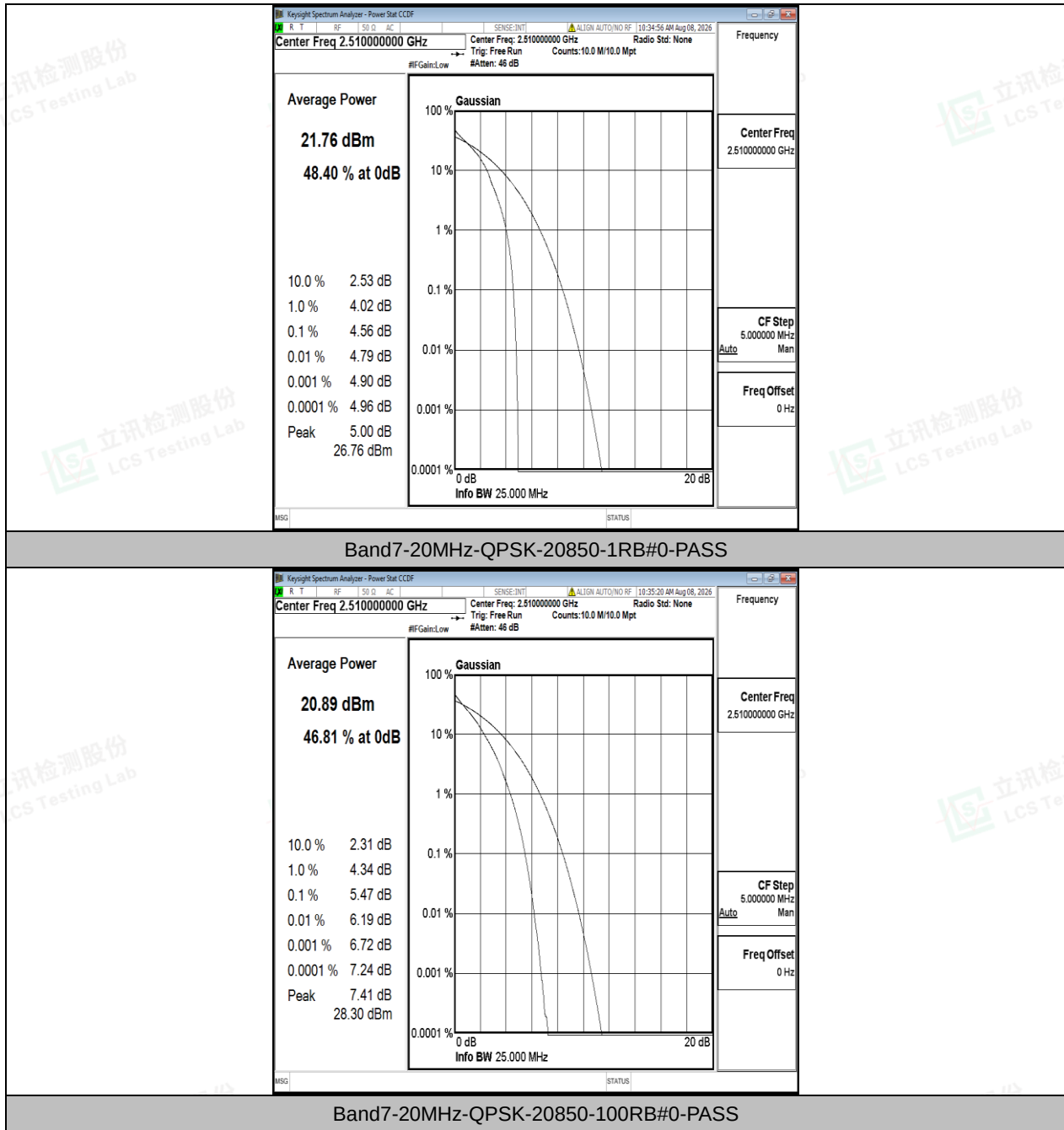


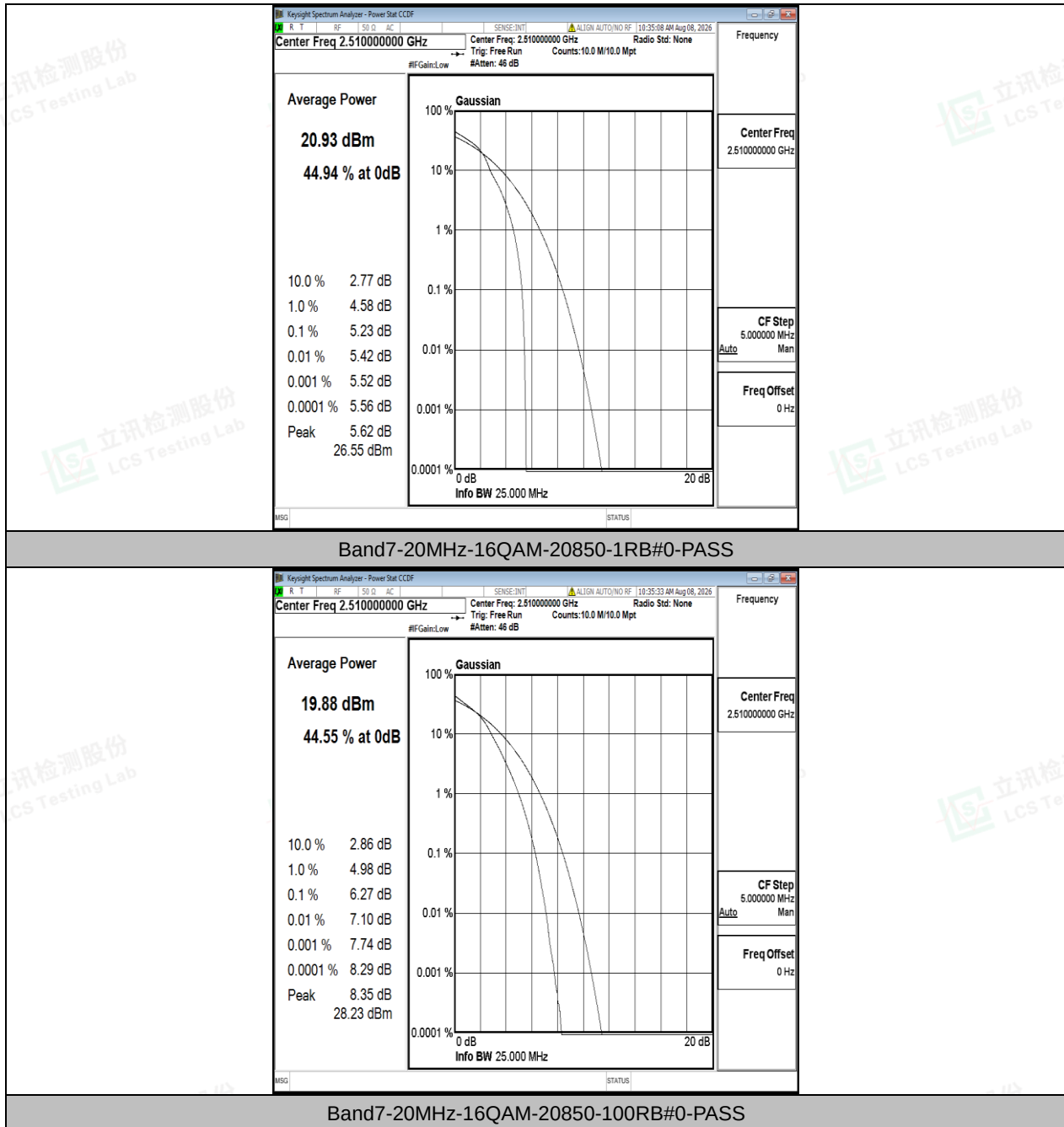


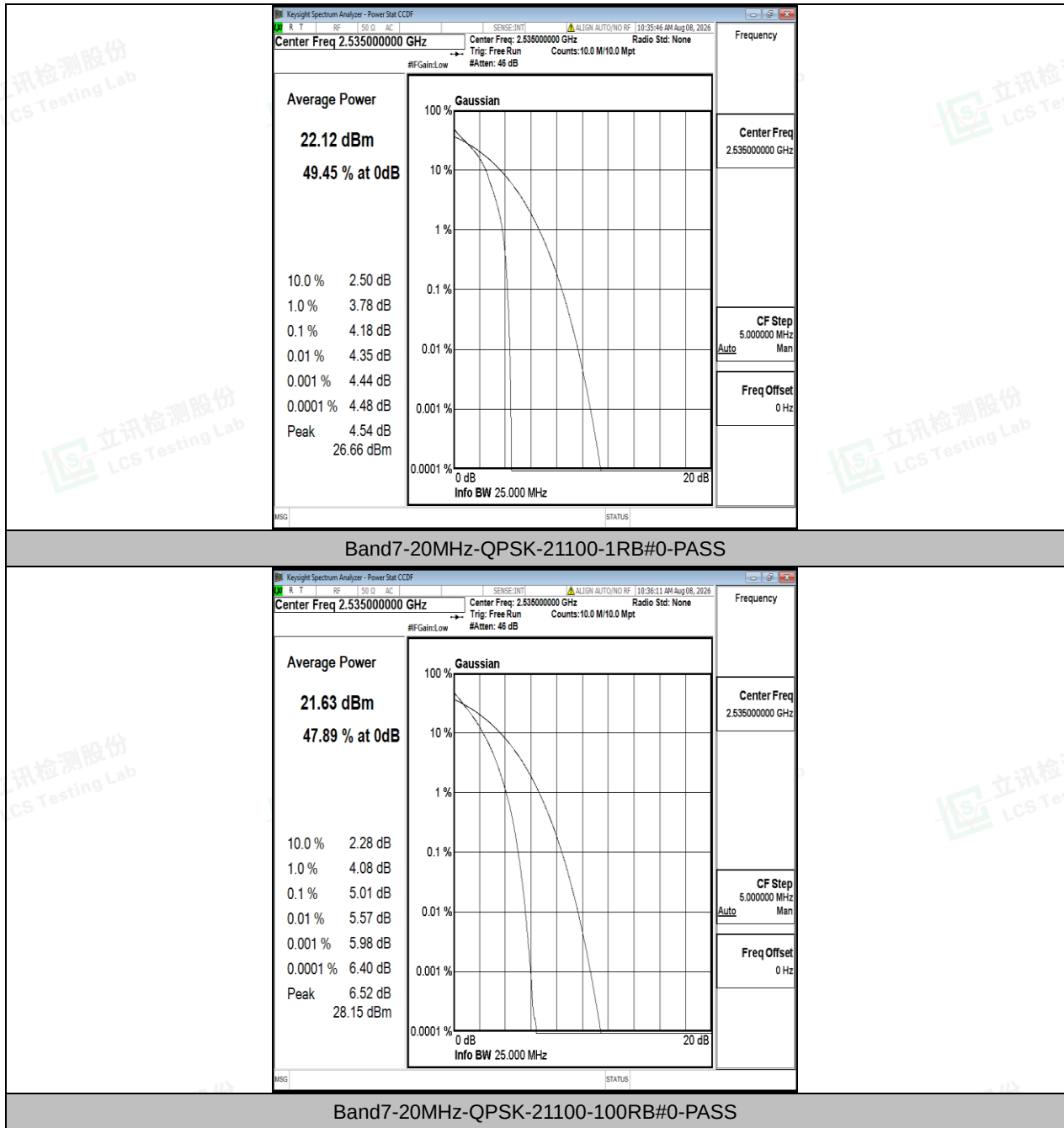


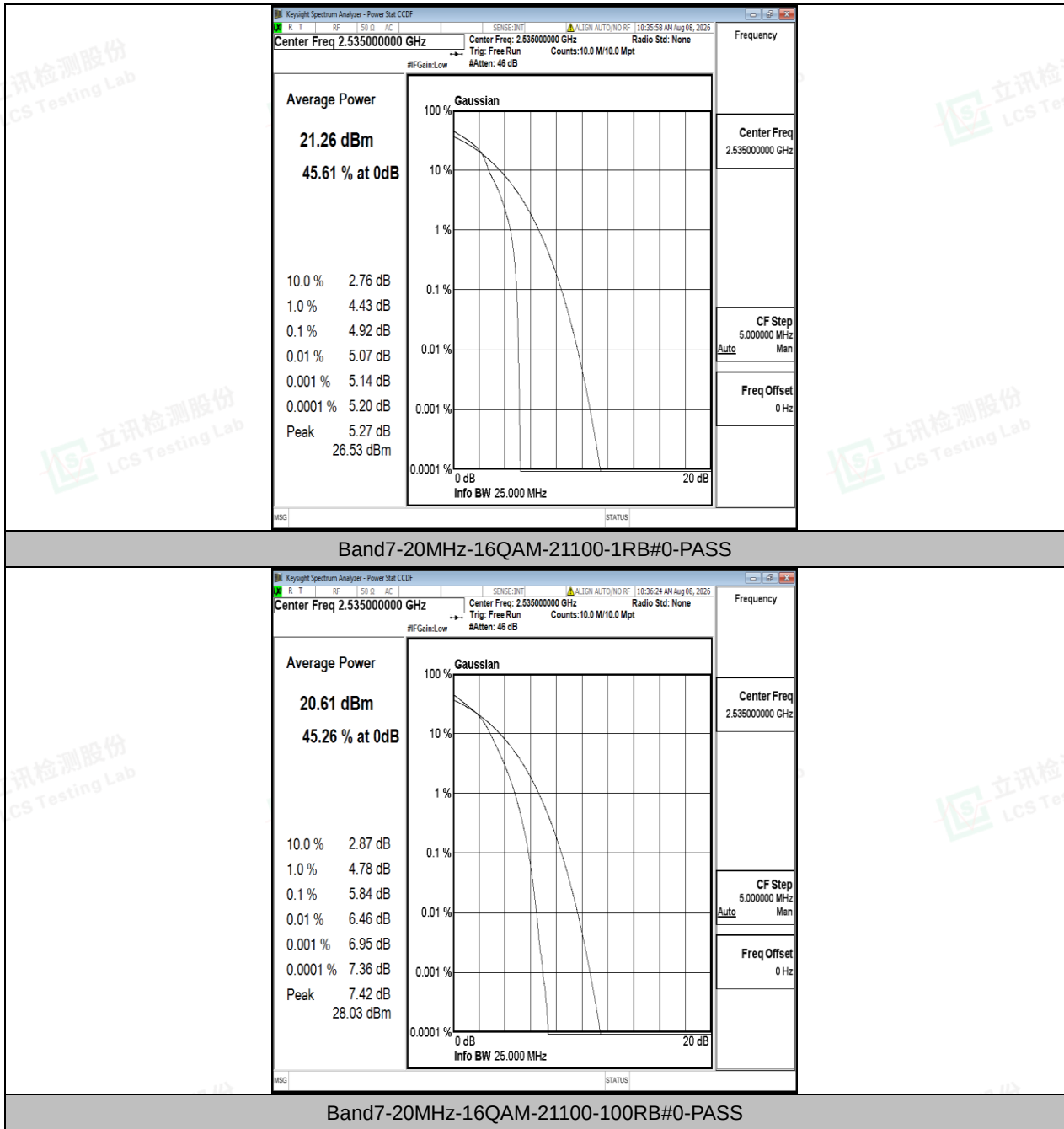


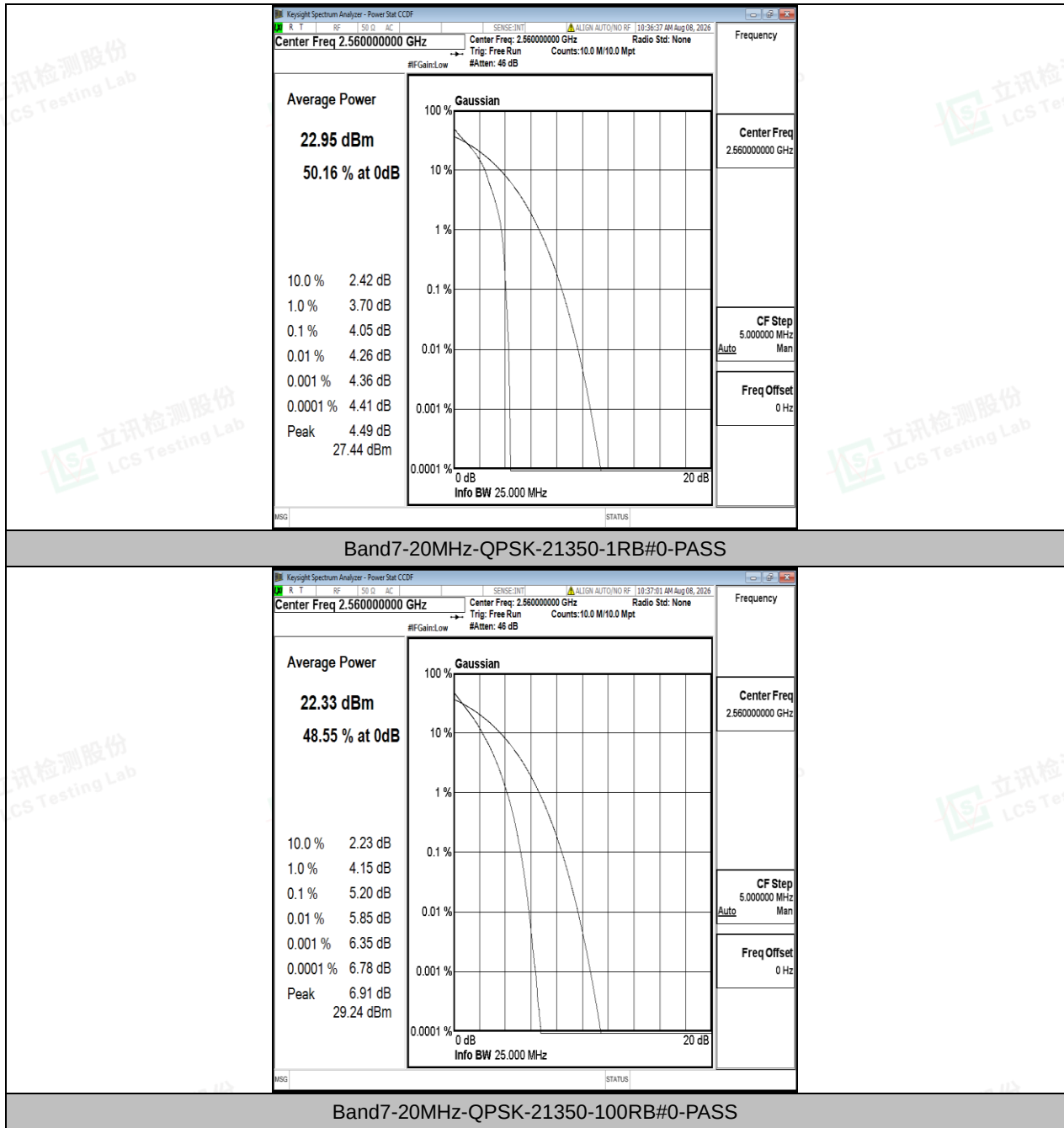


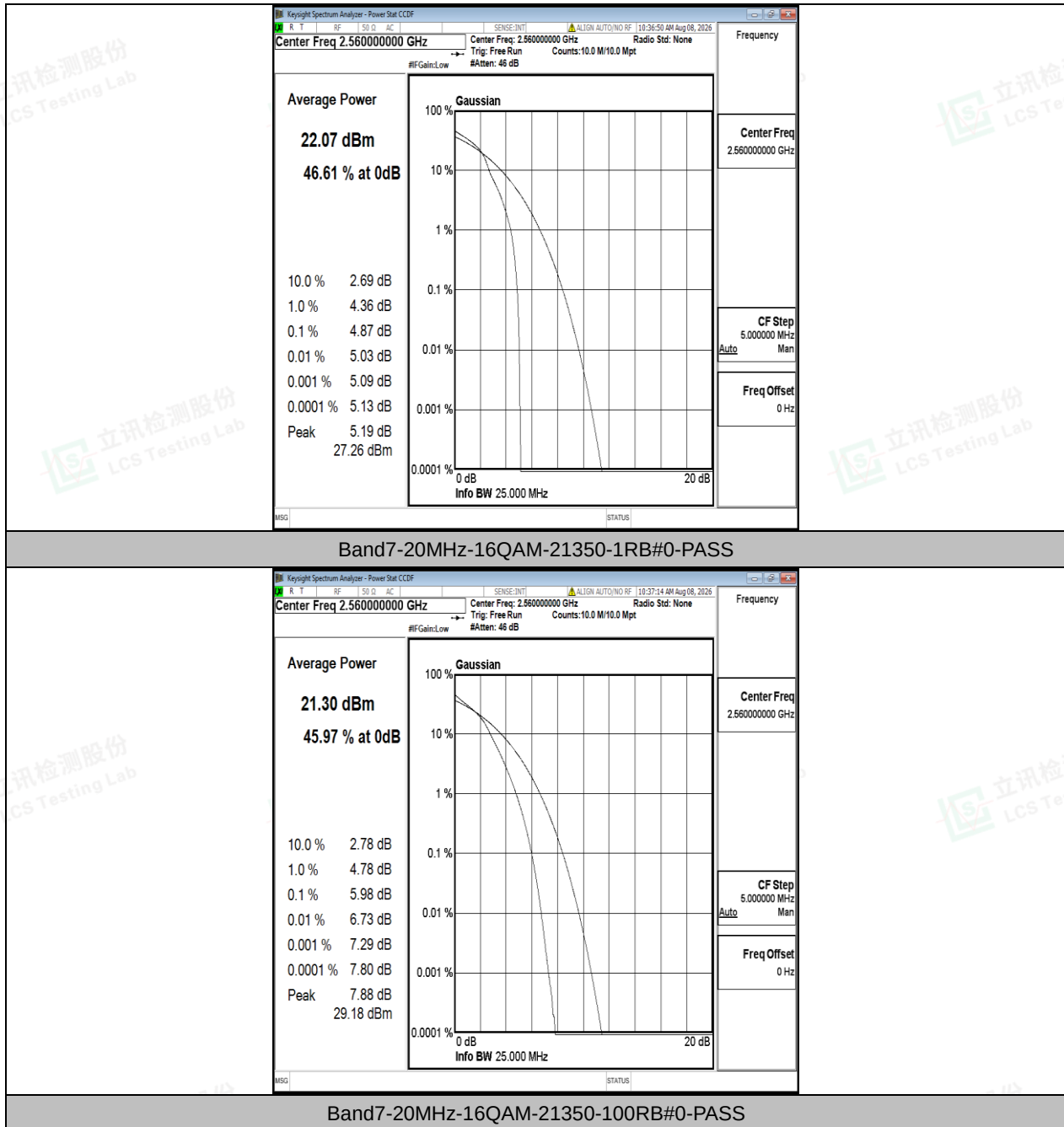














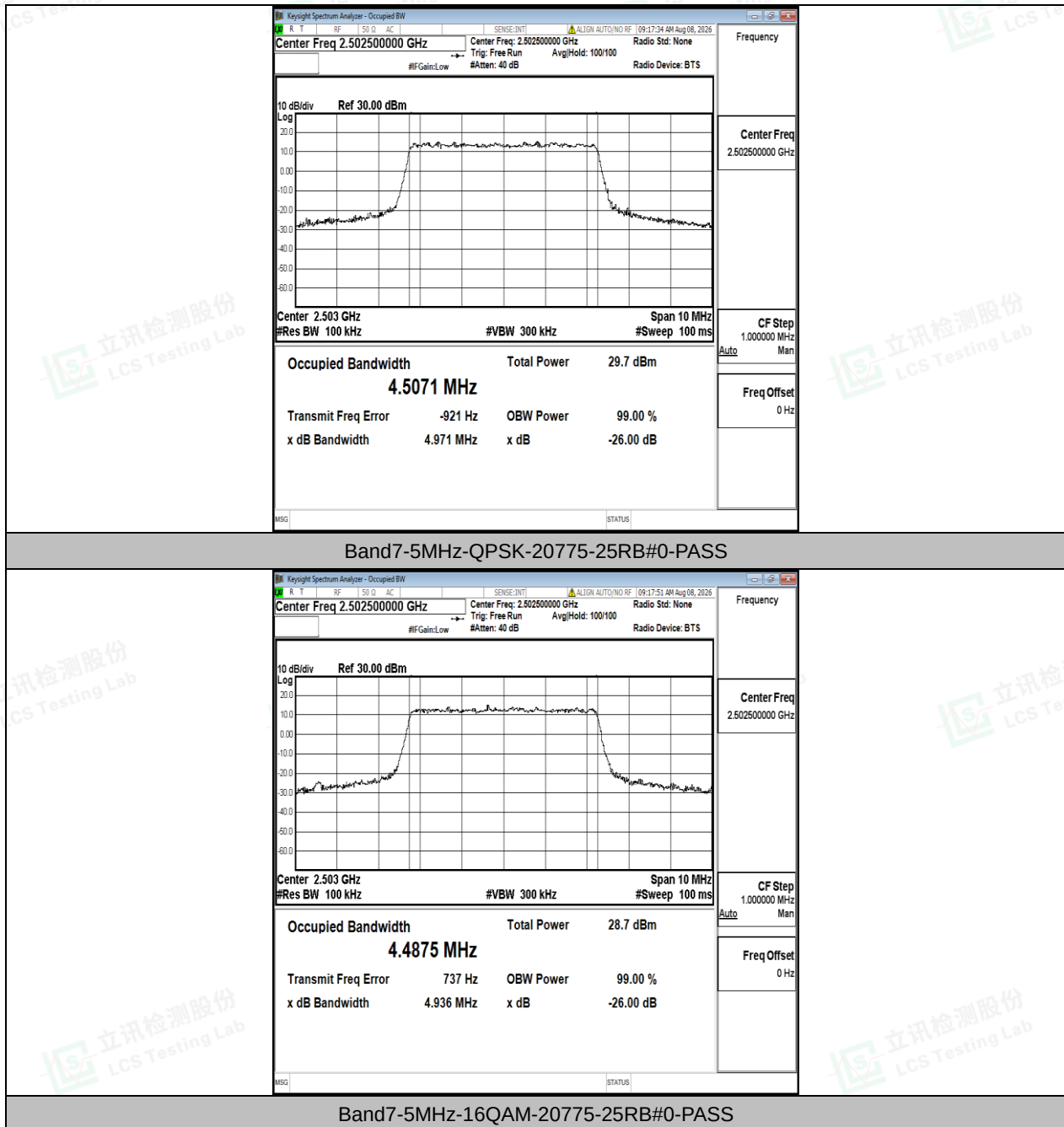
J.3 26dB Bandwidth and Occupied Bandwidth

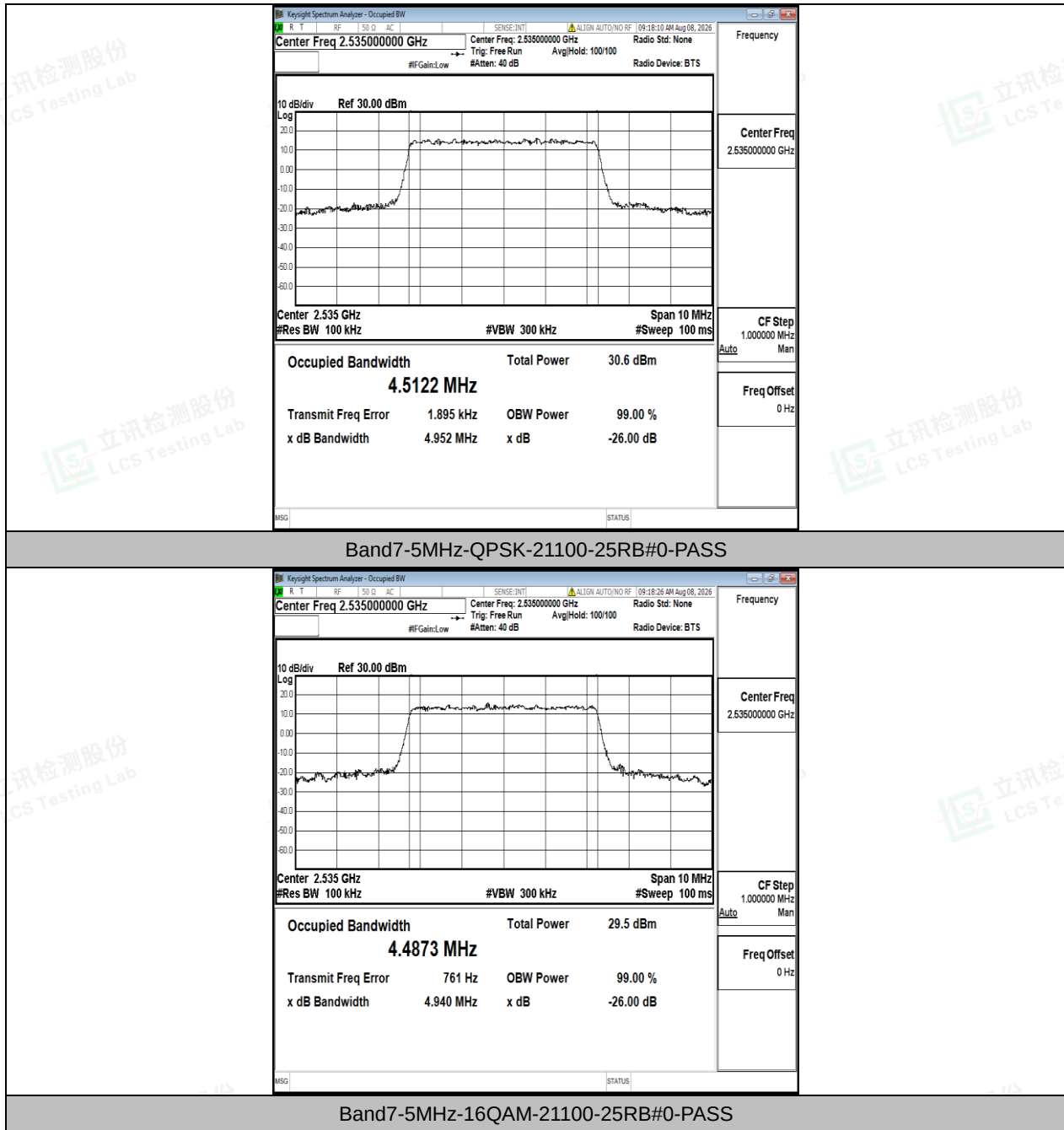
Test Result

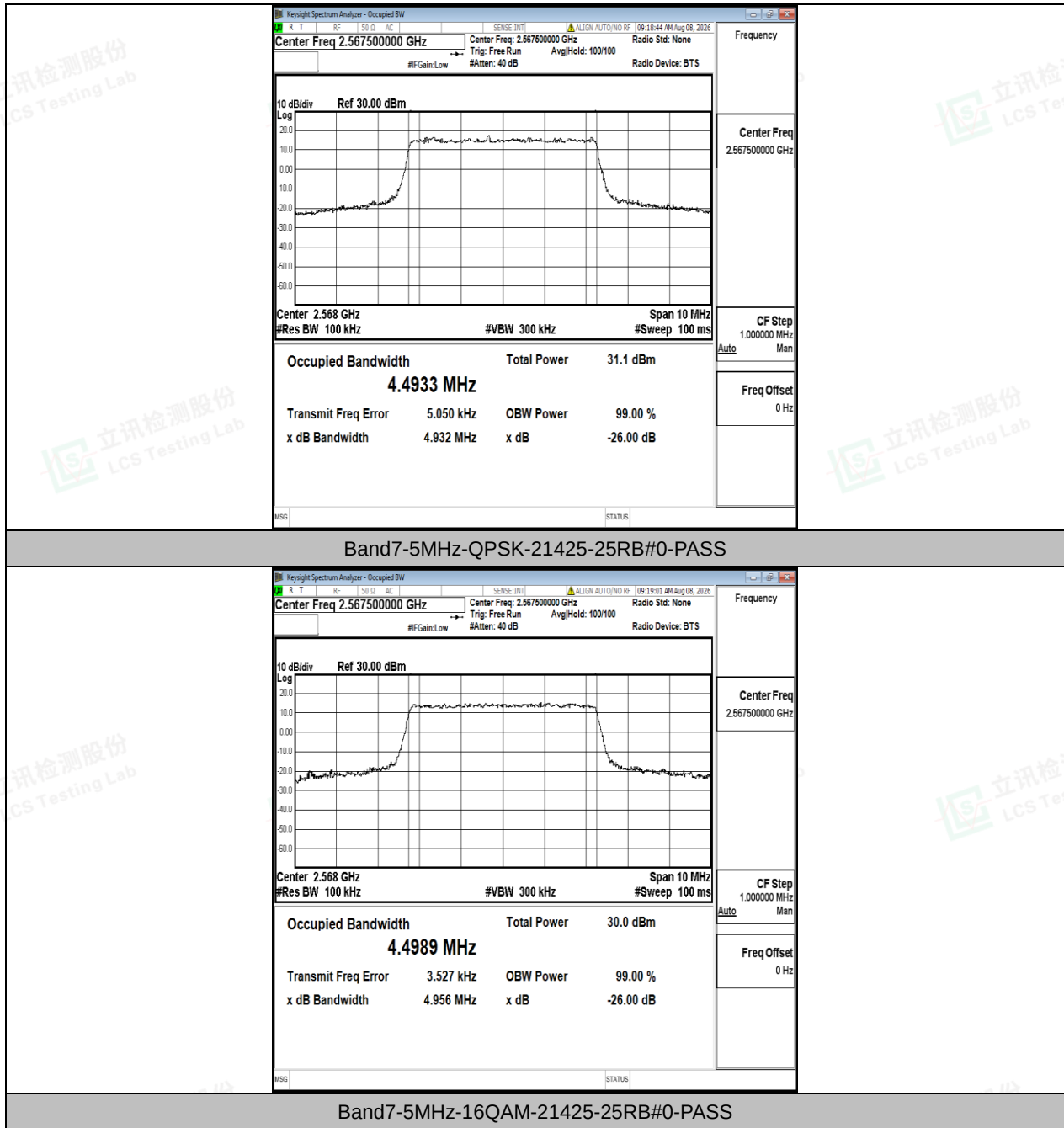
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5071	4.971	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4875	4.936	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5122	4.952	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4873	4.940	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4933	4.932	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.4989	4.956	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9831	9.834	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9795	9.717	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9793	9.863	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9843	9.775	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9854	9.764	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9832	9.788	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.486	14.69	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.487	14.69	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.486	14.68	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.481	14.61	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.490	14.76	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.497	14.77	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.962	19.42	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.002	19.35	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.911	19.20	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.915	19.41	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.995	19.58	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.958	19.41	PASS

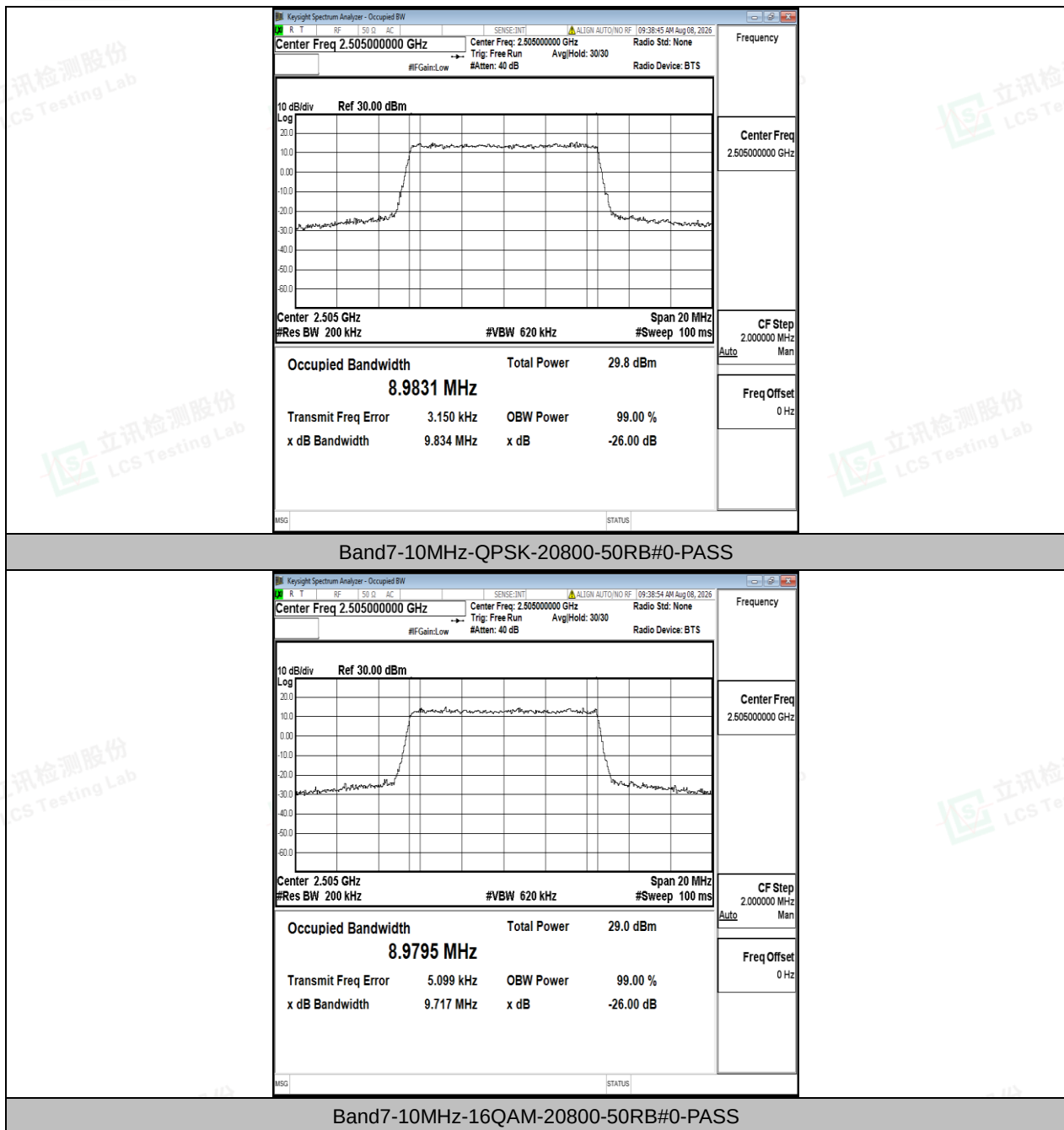


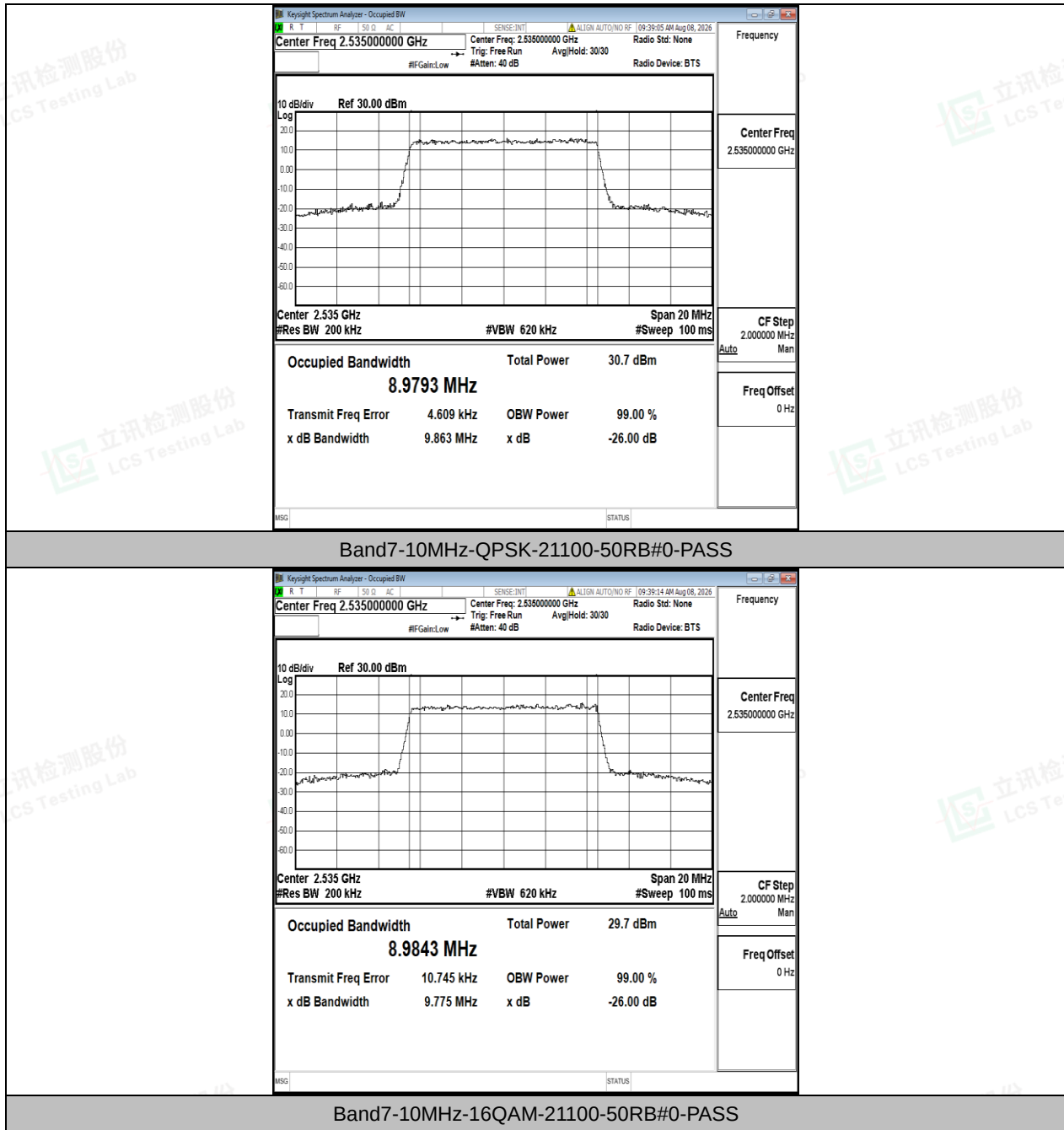
Test Graphs

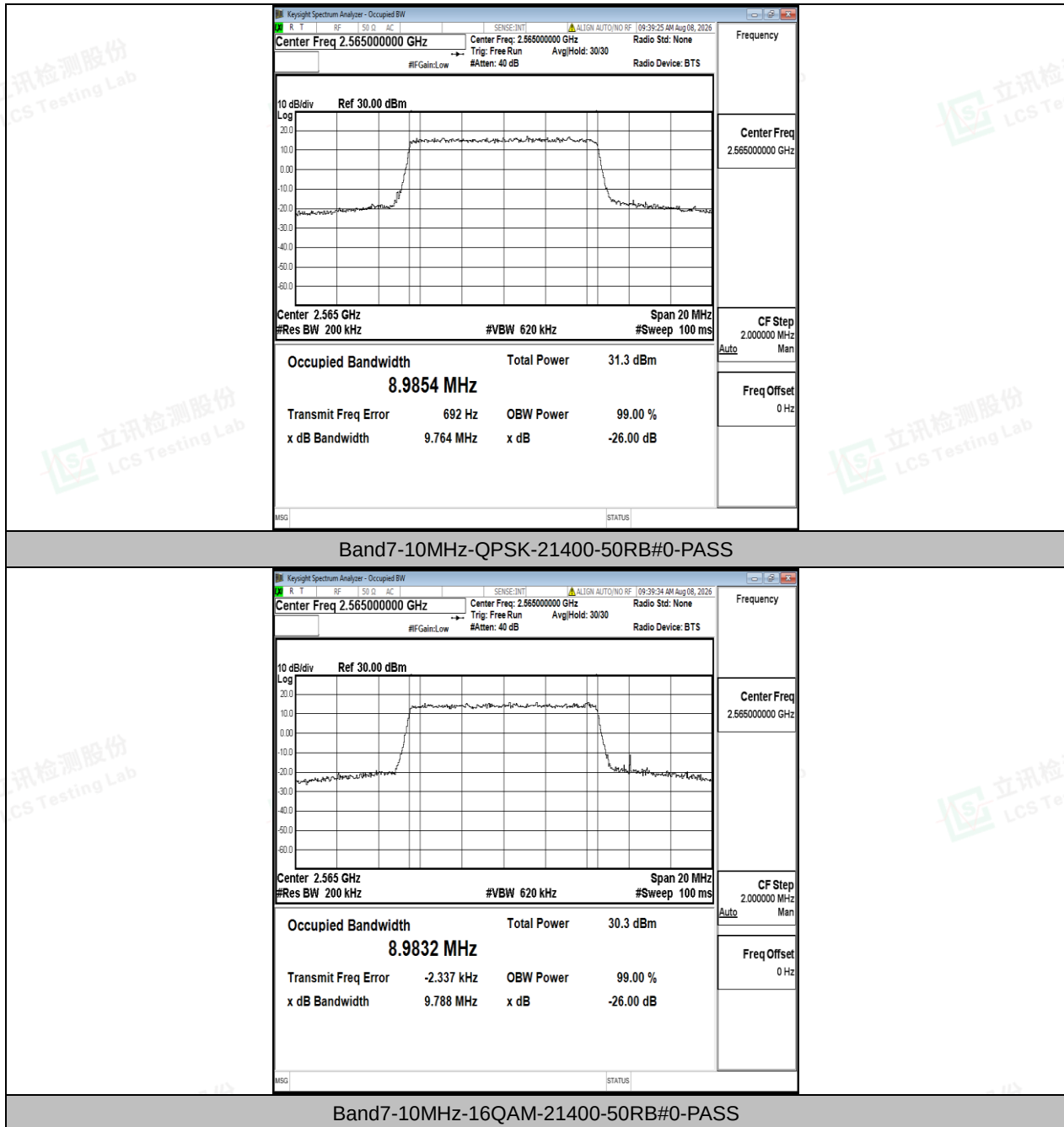


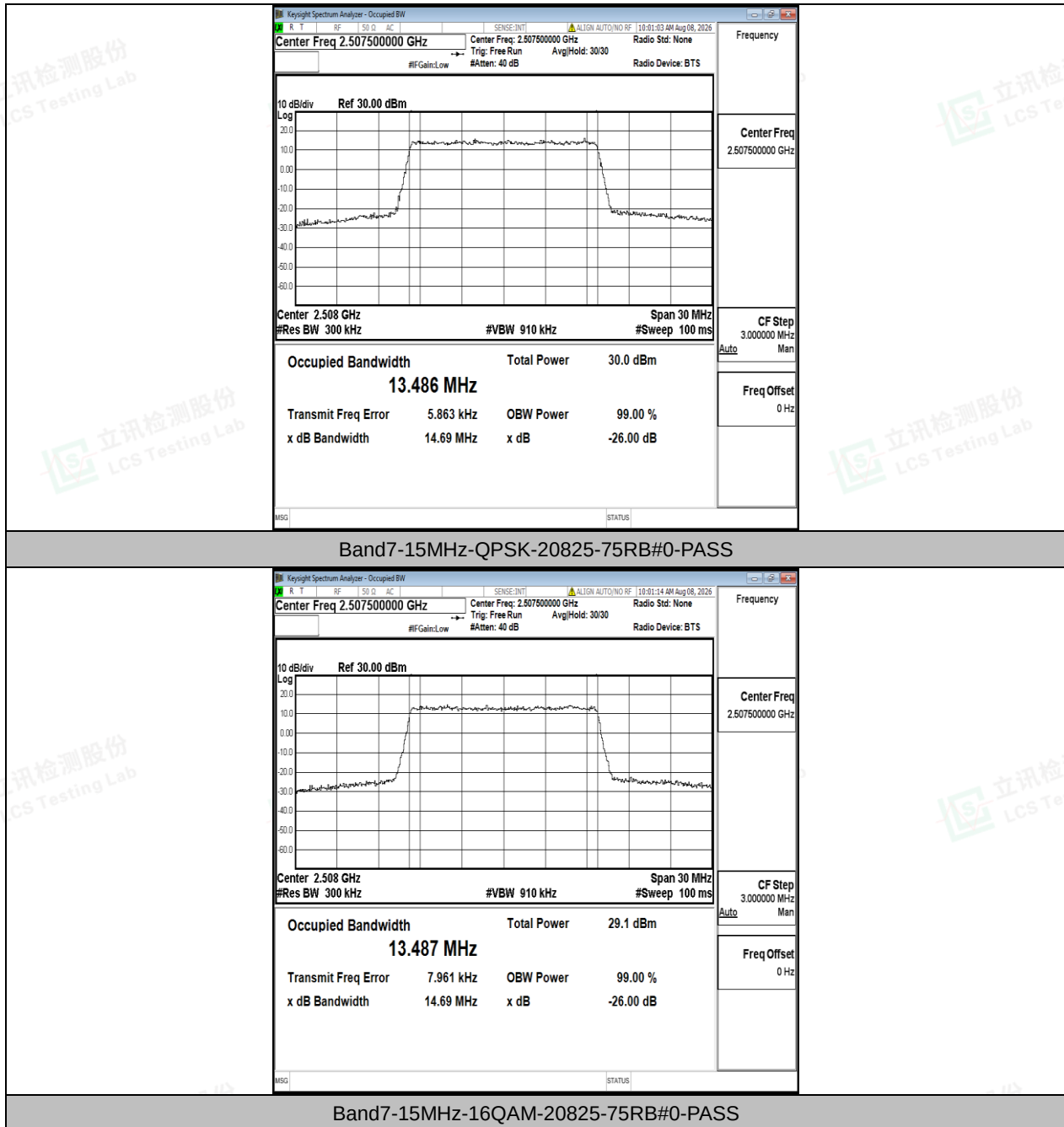


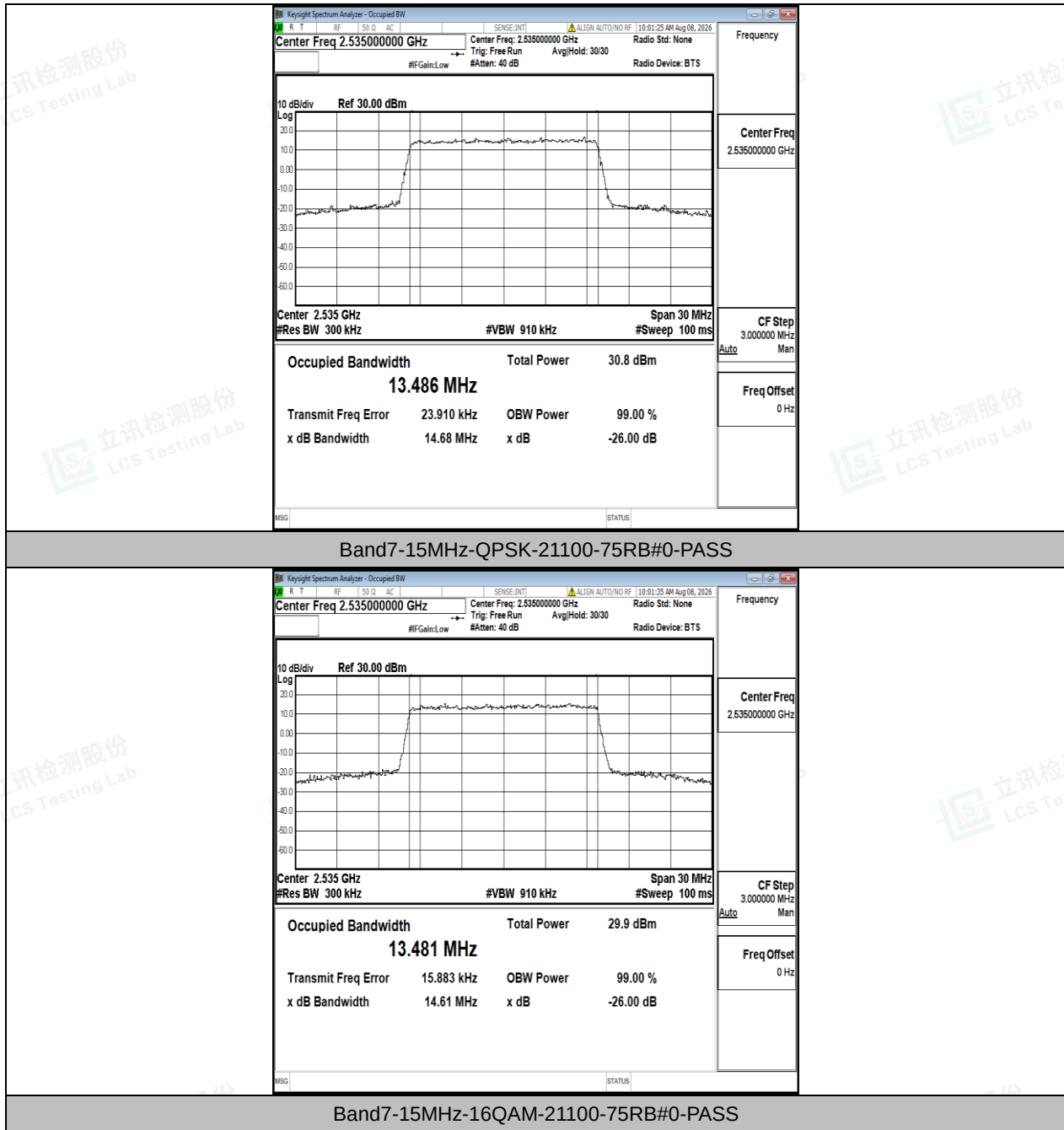


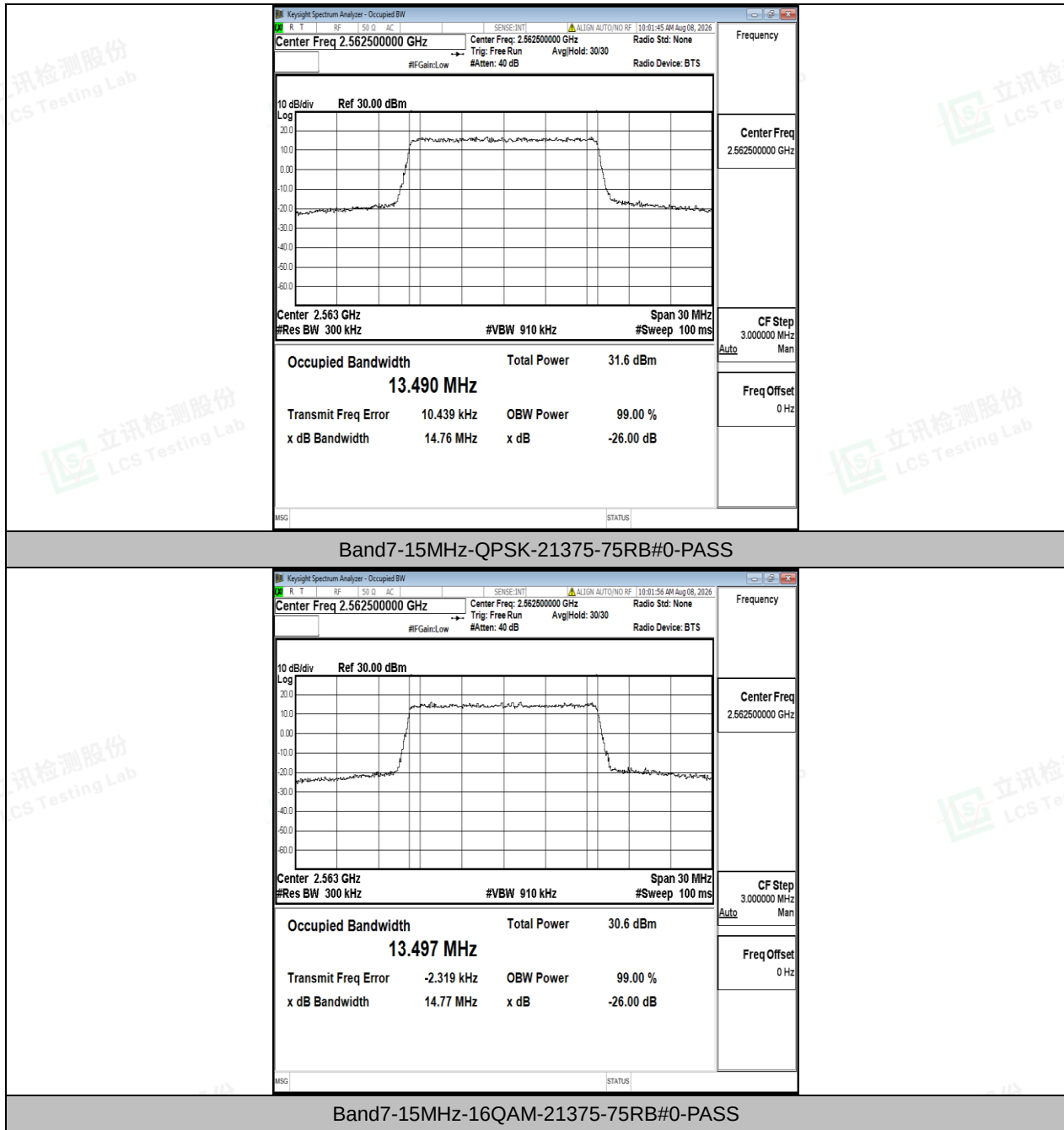


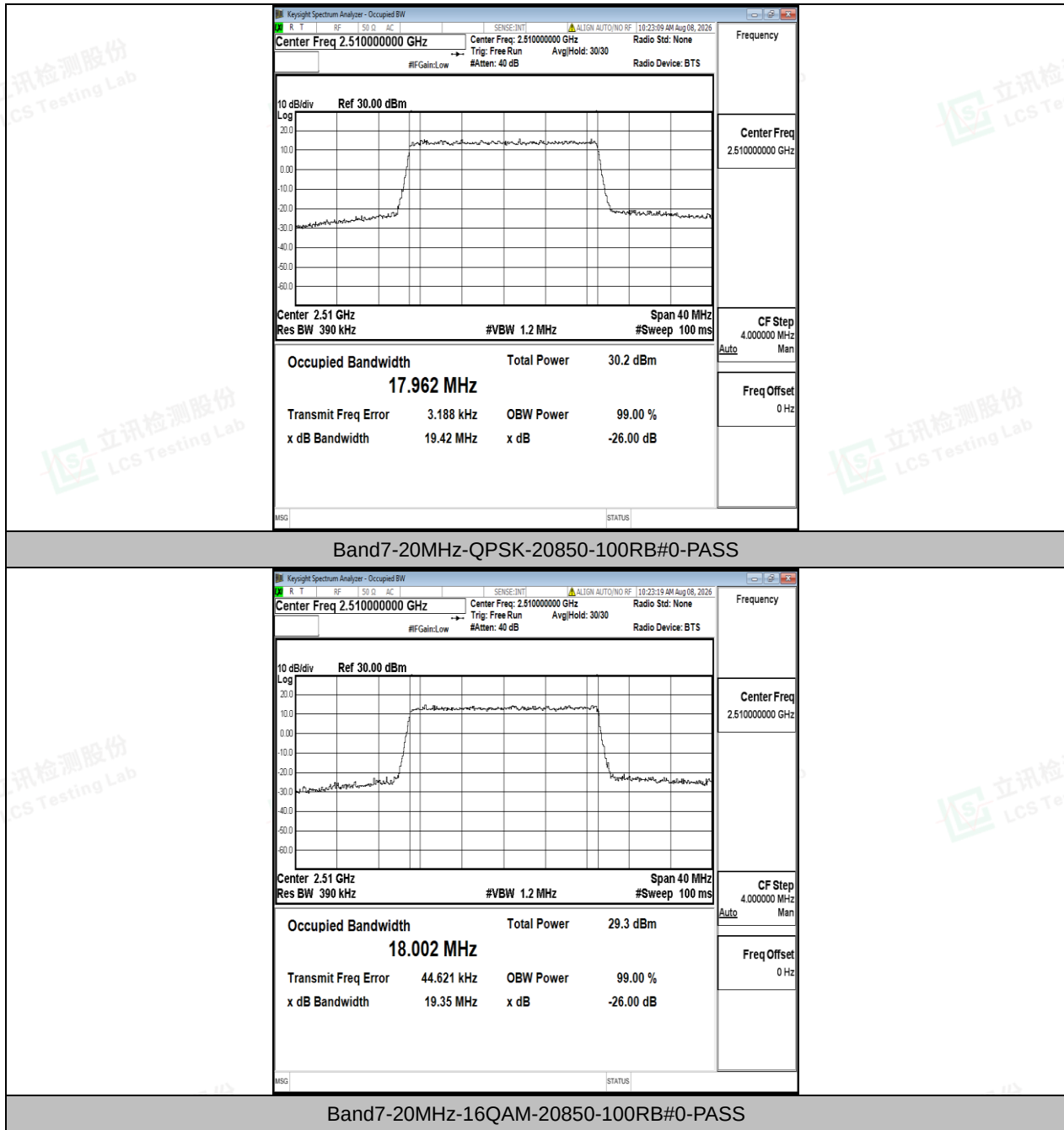


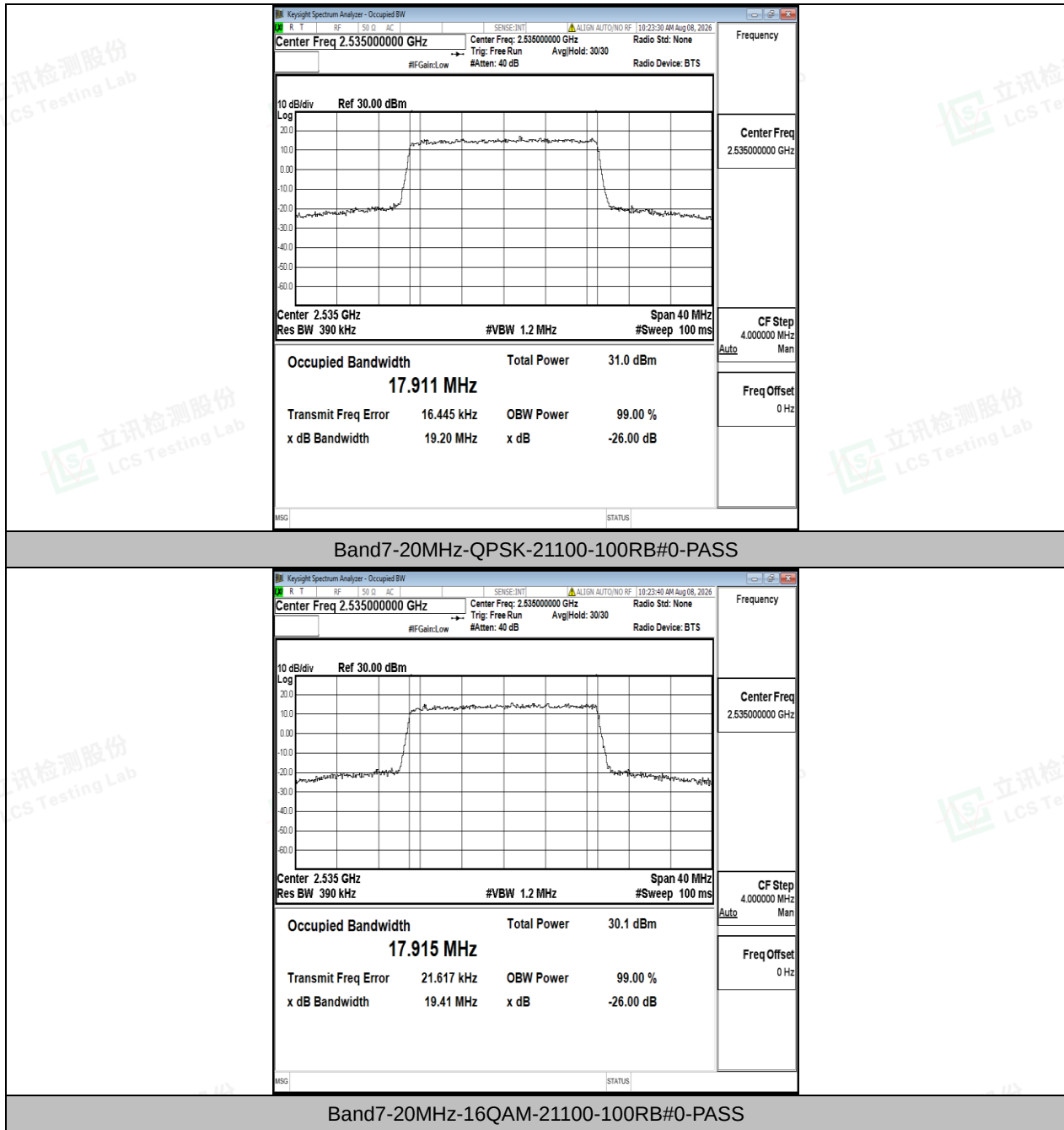


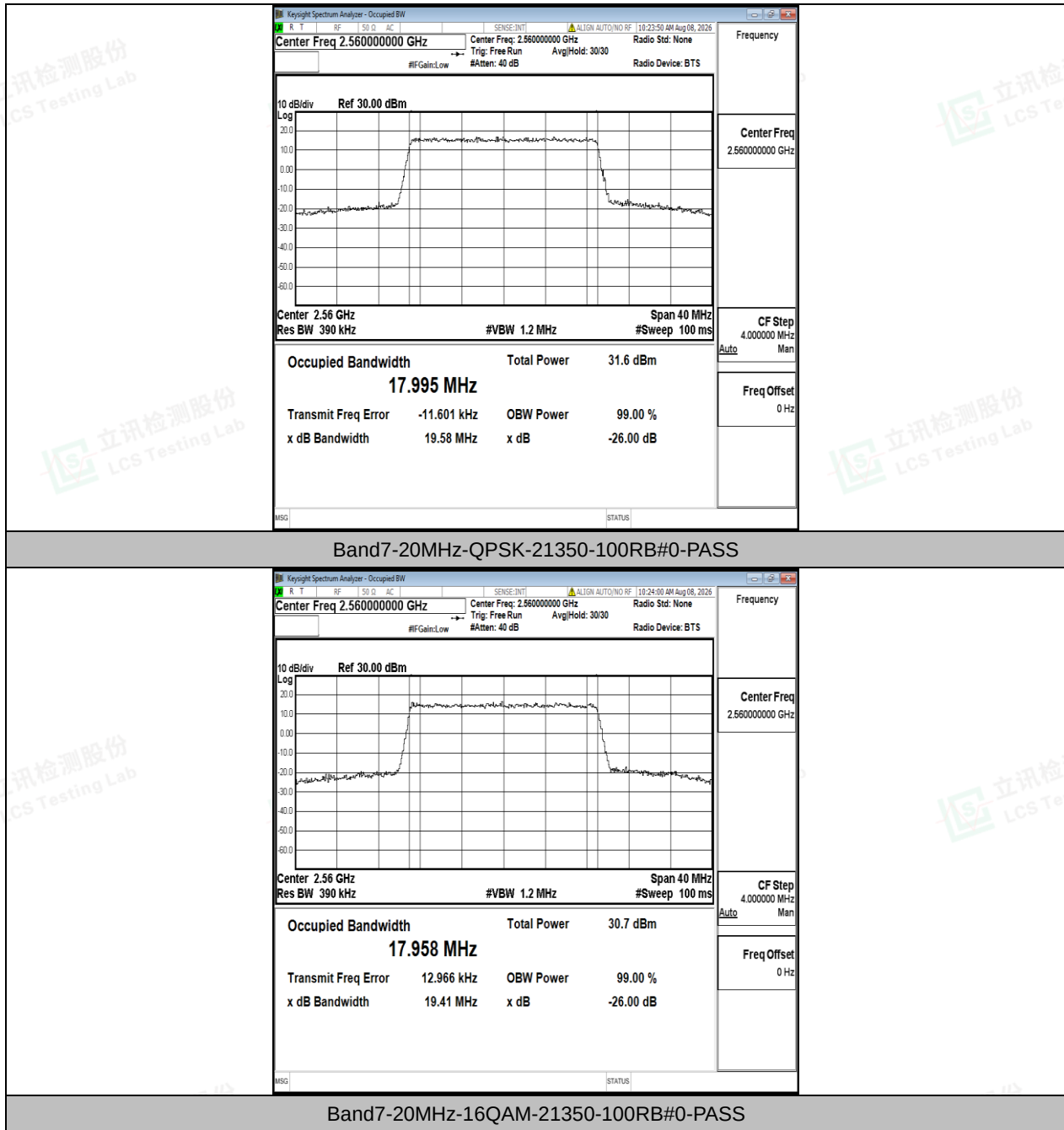














J.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	2490.00	-40.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	2489.00	-40.00	PASS
Band7	5MHz	QPSK	21425	25RB#0	2578.00	-39.00	PASS
Band7	5MHz	16QAM	21425	25RB#0	2580.00	-40.00	PASS
Band7	10MHz	QPSK	20800	50RB#0	2490.00	-34.00	PASS
Band7	10MHz	16QAM	20800	50RB#0	2490.00	-36.00	PASS
Band7	10MHz	QPSK	21400	50RB#0	2572.00	-17.00	PASS
Band7	10MHz	16QAM	21400	50RB#0	2580.00	-33.00	PASS
Band7	15MHz	QPSK	20825	75RB#0	2485.00	-33.00	PASS
Band7	15MHz	16QAM	20825	75RB#0	2483.00	-34.00	PASS
Band7	15MHz	QPSK	21375	75RB#0	2572.00	-16.00	PASS
Band7	15MHz	16QAM	21375	75RB#0	2575.00	-21.00	PASS
Band7	20MHz	QPSK	20850	100RB#0	2480.00	-34.00	PASS
Band7	20MHz	16QAM	20850	100RB#0	2476.00	-34.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	2575.00	-19.00	PASS
Band7	20MHz	16QAM	21350	100RB#0	2575.00	-20.00	PASS

Test Graphs

