



Appendix H: Test Data for E-UTRA Band 5

Product Name: Phone tablet

Test Model: L-PAD PRO

Environmental Conditions

Temperature:	25.2°C
Relative Humidity:	52.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Jerry Chu
Supervised by:	Can Kun



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H.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.62	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.51	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.59	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.52	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.59	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.96	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.58	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.98	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.60	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.97	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.59	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	23.05	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.67	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.44	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.60	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.33	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.54	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.44	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.43	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.31	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.55	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	23.06	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.58	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	23.06	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.64	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	23.00	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.81	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.29	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.28	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.62	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.10	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.14	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.63	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.42	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.28	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.62	PASS



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Band5	1.4MHz	QPSK	20643	3RB#1	23.31	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.63	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.06	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.43	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.63	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.21	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	23.13	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.46	PASS
Band5	3MHz	16QAM	20415	1RB#8	23.08	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.21	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.67	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.69	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.31	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.70	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.33	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.64	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.23	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.61	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.98	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.39	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.33	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.44	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.34	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.61	PASS
Band5	3MHz	16QAM	20525	1RB#14	23.11	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.54	PASS
Band5	3MHz	16QAM	20525	8RB#0	22.30	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.49	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.25	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.60	PASS
Band5	3MHz	16QAM	20525	8RB#7	22.27	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.55	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.92	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.39	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.74	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.33	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.64	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.63	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.37	PASS





Band5	3MHz	QPSK	20635	8RB#0	22.65	PASS
Band5	3MHz	16QAM	20635	8RB#0	22.26	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.63	PASS
Band5	3MHz	16QAM	20635	8RB#4	22.24	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.46	PASS
Band5	3MHz	16QAM	20635	8RB#7	22.17	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.58	PASS
Band5	3MHz	16QAM	20635	15RB#0	22.05	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.55	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.46	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.44	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.56	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.37	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.68	PASS
Band5	5MHz	16QAM	20425	12RB#0	22.08	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.68	PASS
Band5	5MHz	16QAM	20425	12RB#6	22.10	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.54	PASS
Band5	5MHz	16QAM	20425	12RB#13	22.07	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.62	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.24	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.21	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.24	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.52	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.34	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.48	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.59	PASS
Band5	5MHz	16QAM	20525	12RB#0	22.16	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.57	PASS
Band5	5MHz	16QAM	20525	12RB#6	22.02	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.47	PASS
Band5	5MHz	16QAM	20525	12RB#13	22.09	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.55	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.90	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.46	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.91	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.33	PASS
Band5	5MHz	16QAM	20625	1RB#12	23.02	PASS





Band5	5MHz	QPSK	20625	1RB#24	22.91	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.61	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.68	PASS
Band5	5MHz	16QAM	20625	12RB#0	22.19	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.71	PASS
Band5	5MHz	16QAM	20625	12RB#6	22.20	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.58	PASS
Band5	5MHz	16QAM	20625	12RB#13	22.11	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.66	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.19	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.28	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.88	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.25	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.93	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.21	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.03	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.43	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.81	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.43	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.91	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.29	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.85	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.42	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.83	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.25	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.99	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.32	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.10	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.44	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.10	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.36	PASS
Band5	10MHz	16QAM	20525	25RB#0	22.01	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.44	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.01	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.47	PASS
Band5	10MHz	16QAM	20525	25RB#25	22.04	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.43	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.01	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.29	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.40	PASS





Band5	10MHz	QPSK	20600	1RB#24	23.35	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.47	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.02	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.69	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.40	PASS
Band5	10MHz	16QAM	20600	25RB#0	22.11	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.62	PASS
Band5	10MHz	16QAM	20600	25RB#12	22.12	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.50	PASS
Band5	10MHz	16QAM	20600	25RB#25	22.15	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.55	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.05	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	4.74	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	4.91	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.48	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.04	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.64	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.26	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.39	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.92	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3.91	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3.54	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.39	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.04	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.81	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.59	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.54	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.22	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.63	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.25	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.41	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.01	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.06	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	4.01	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.77	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.42	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.07	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.64	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.64	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.22	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.87	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.26	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.54	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.10	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.13	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	4.47	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.33	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.89	13	PASS



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Scan code to check authenticity

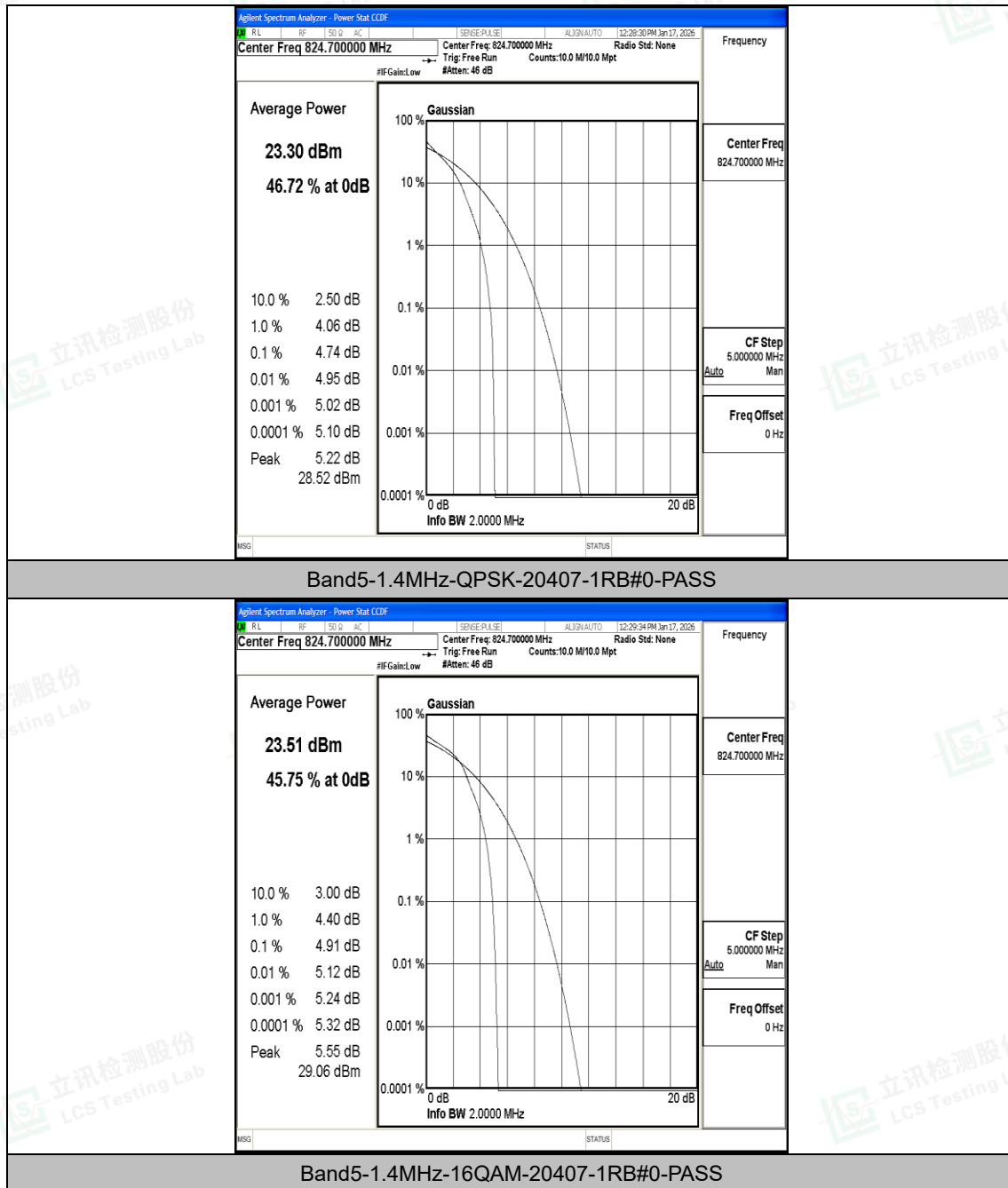


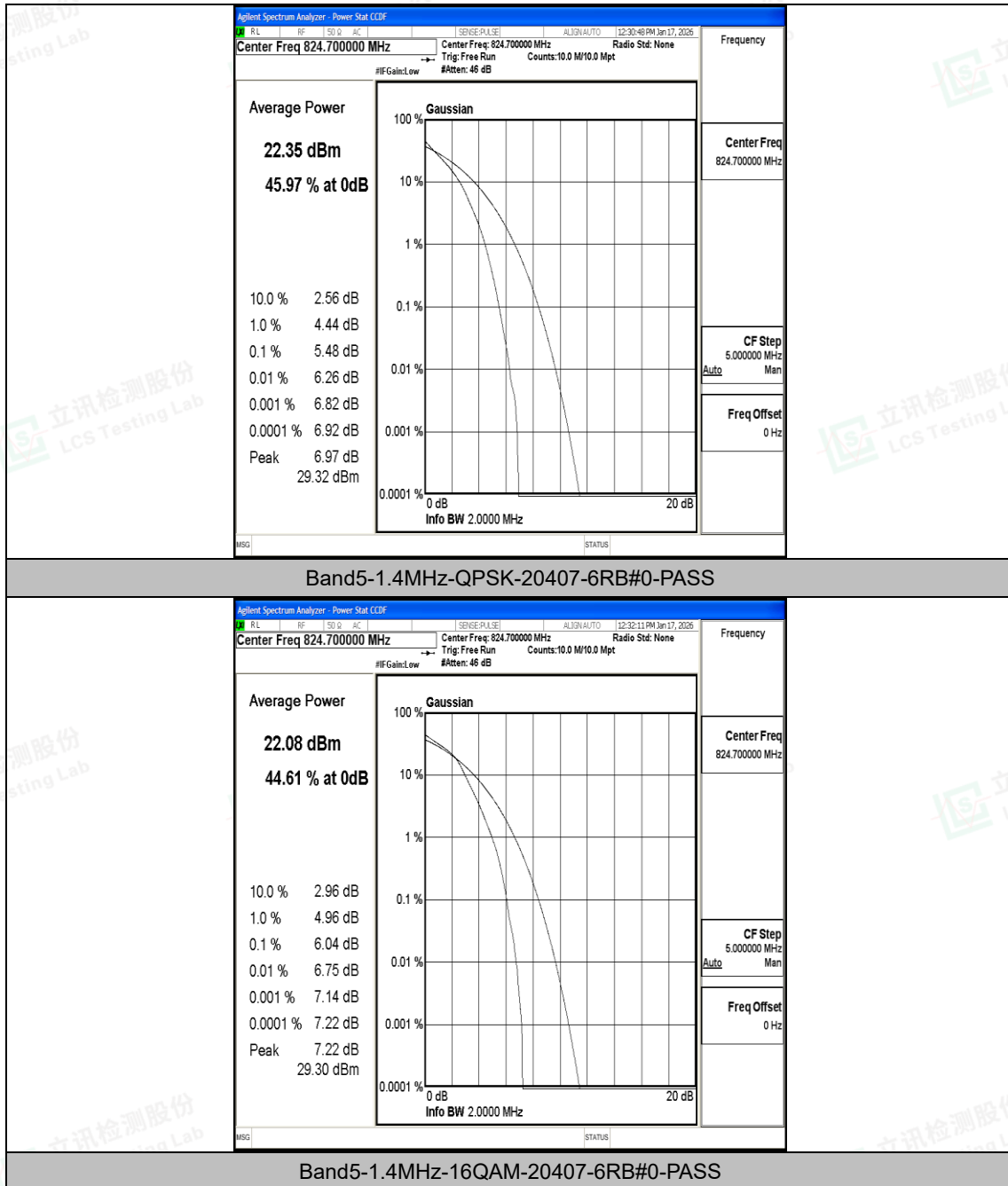
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Band5	10MHz	16QAM	20450	50RB#0	6.19	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.78	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.64	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.52	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.17	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.69	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	4.89	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.32	13	PASS
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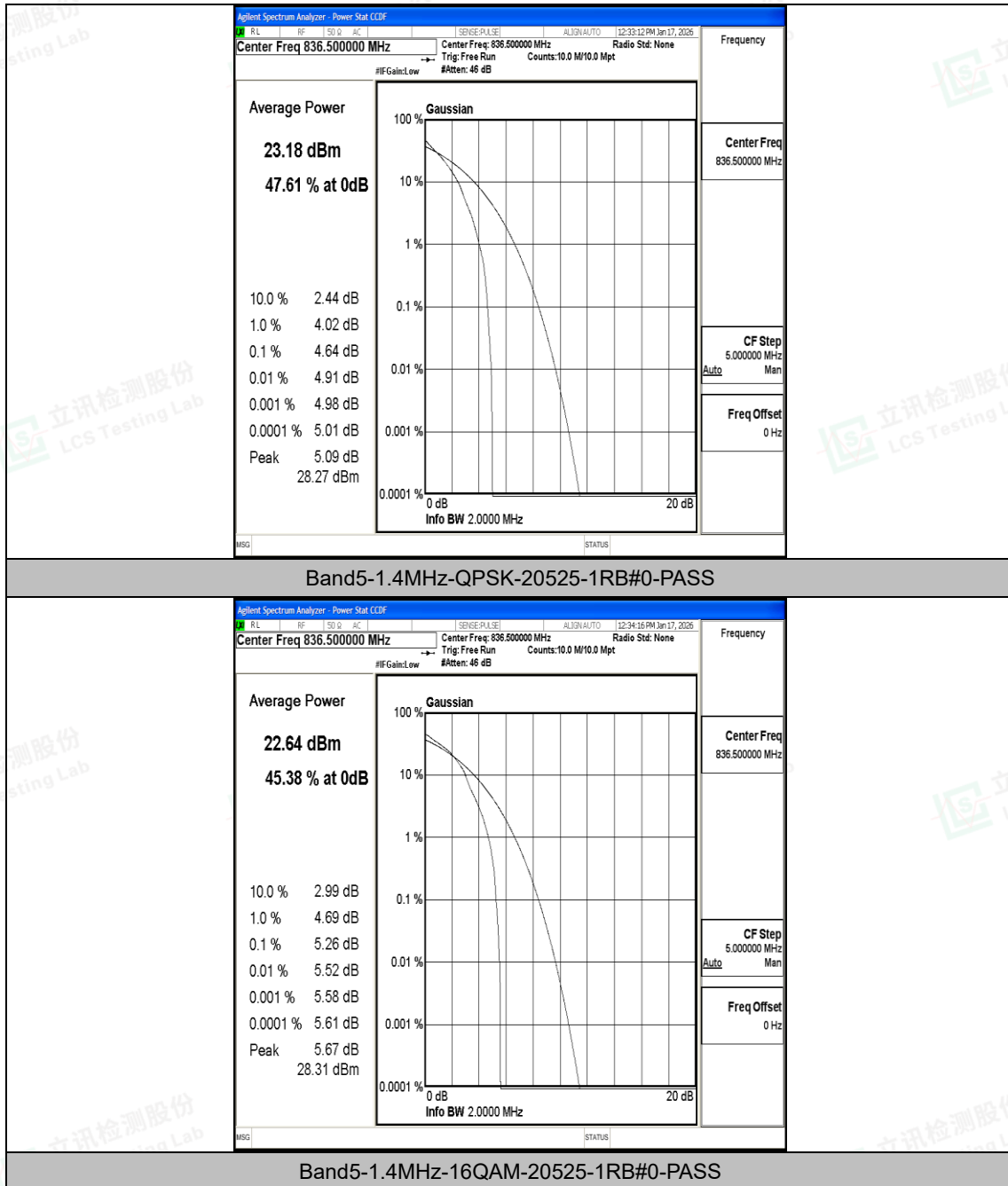


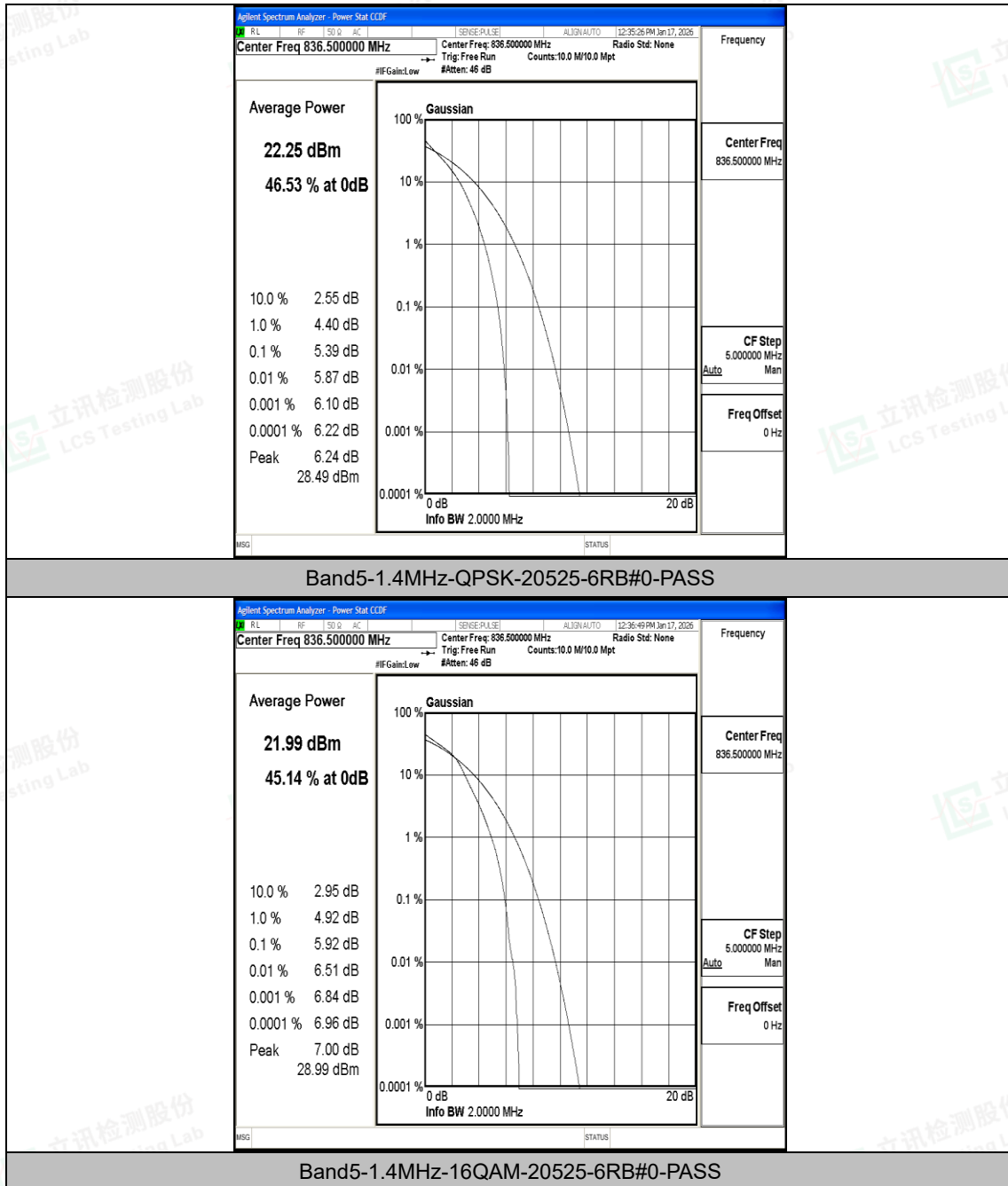


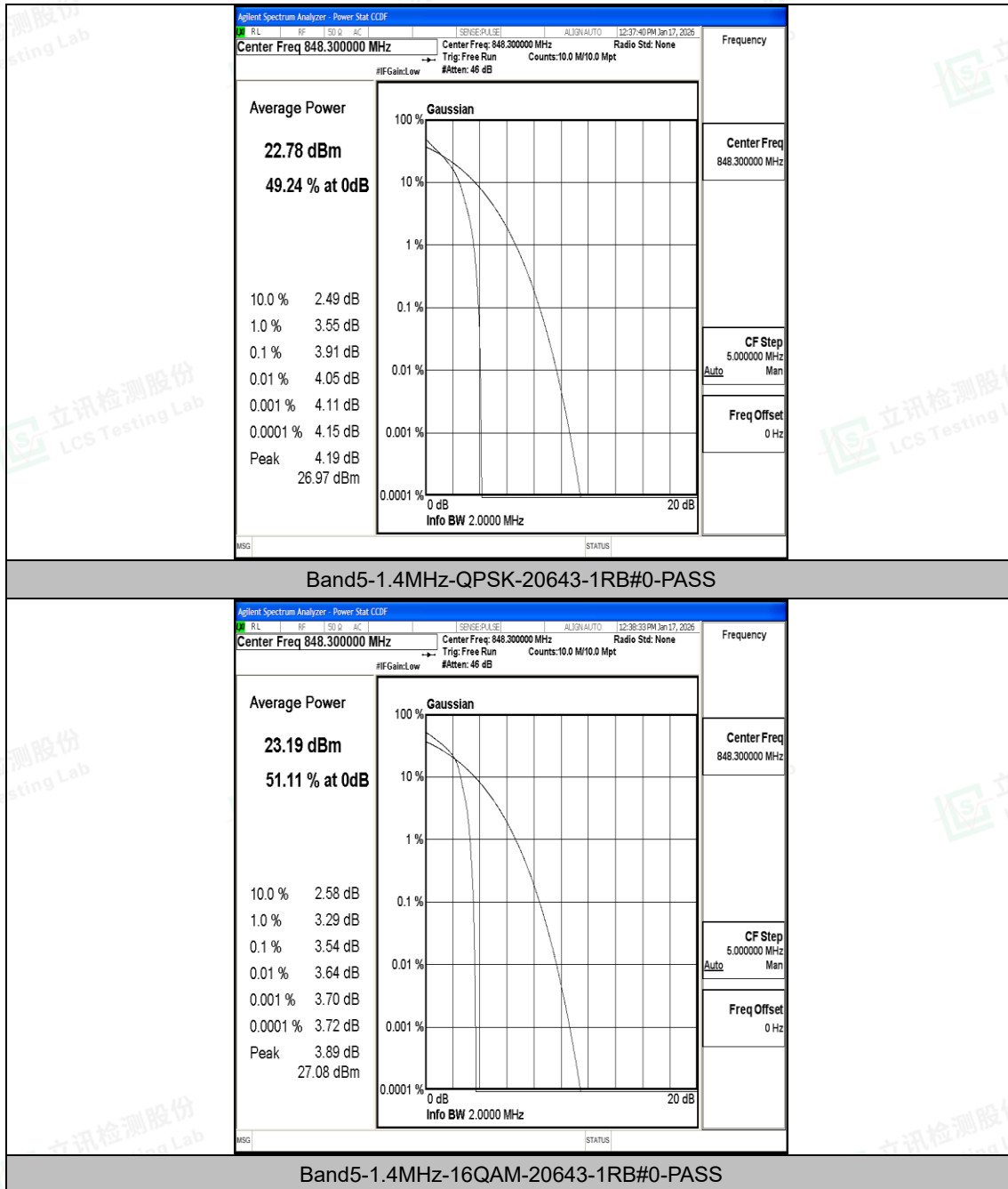
Test Graphs

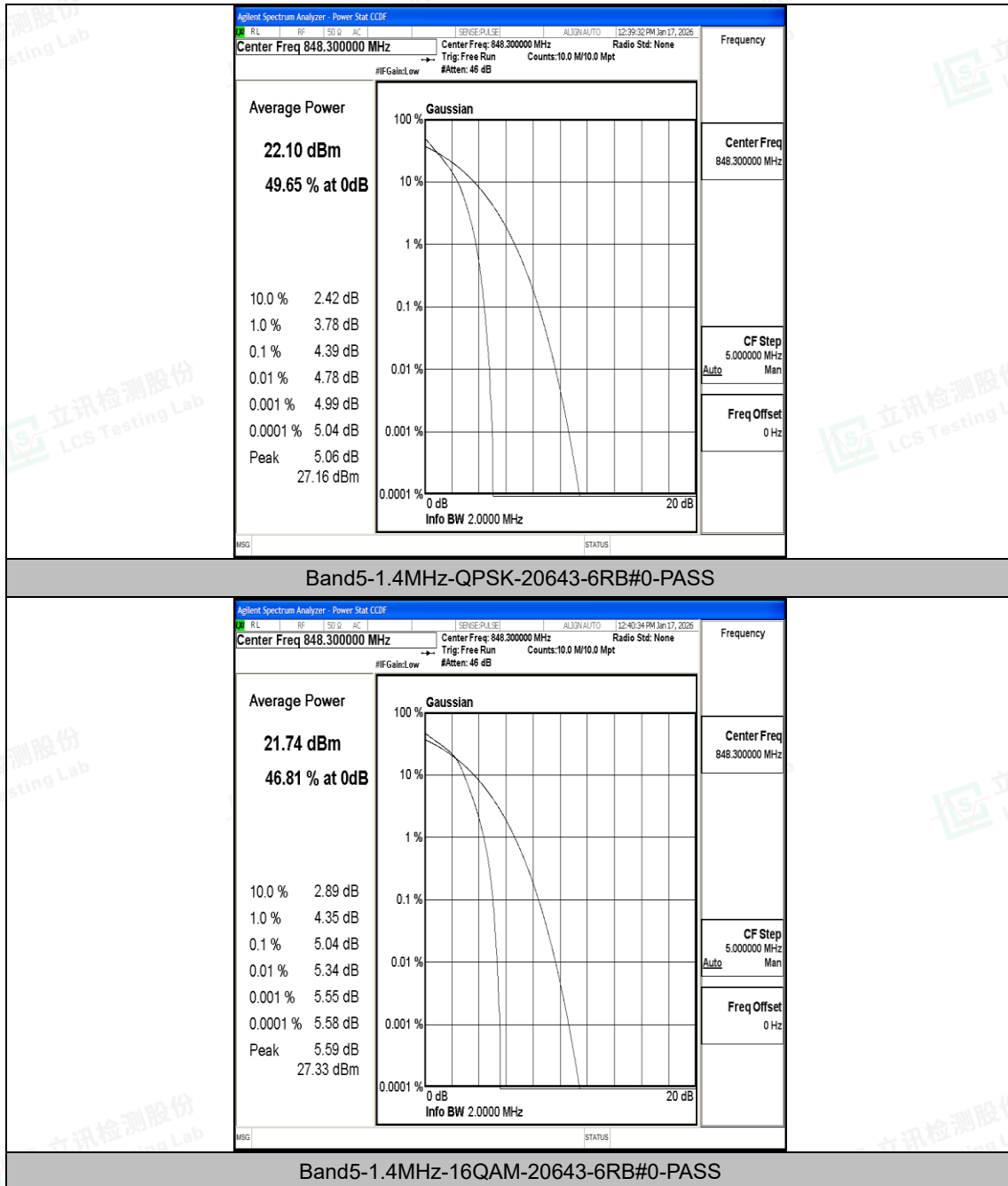


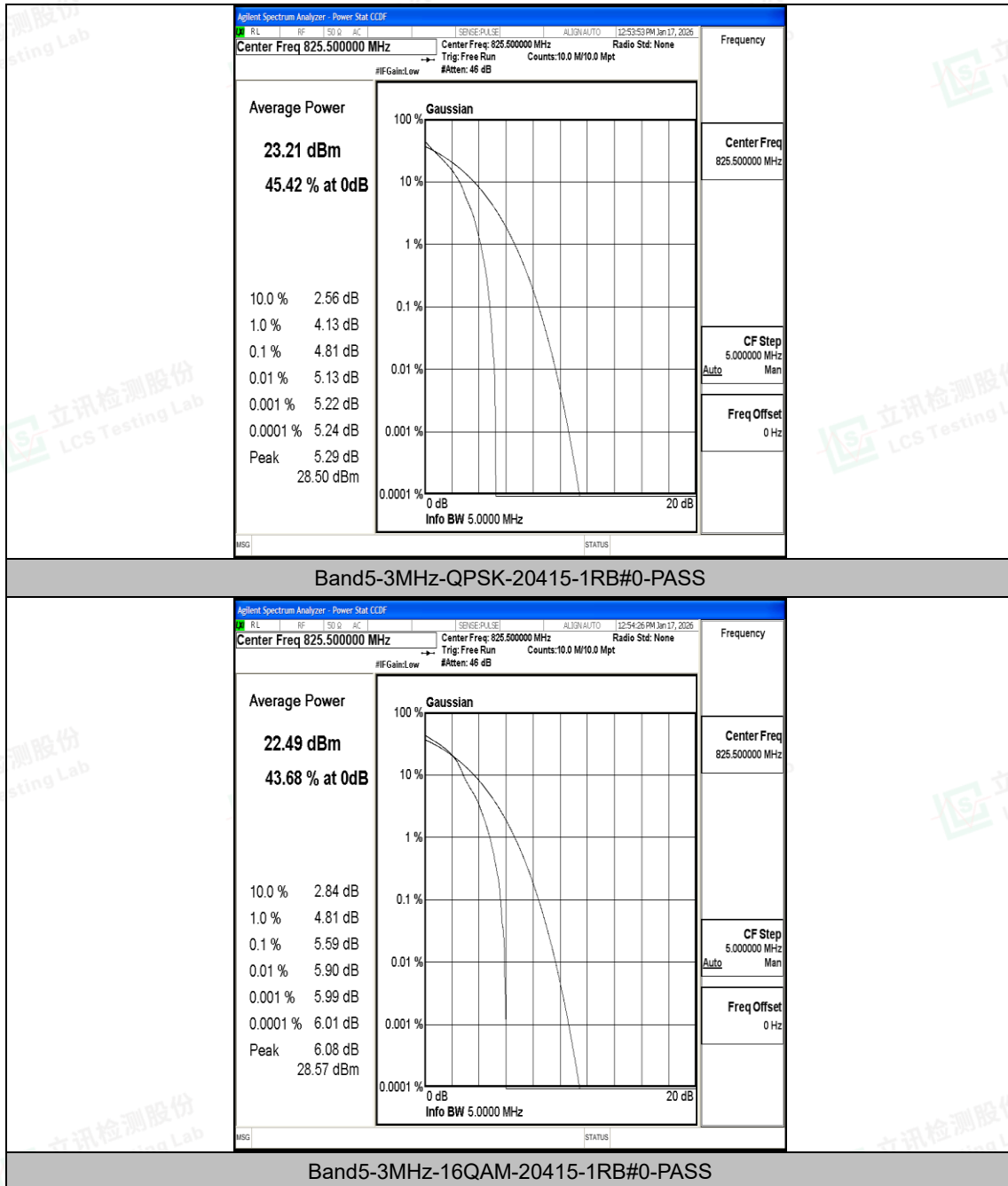


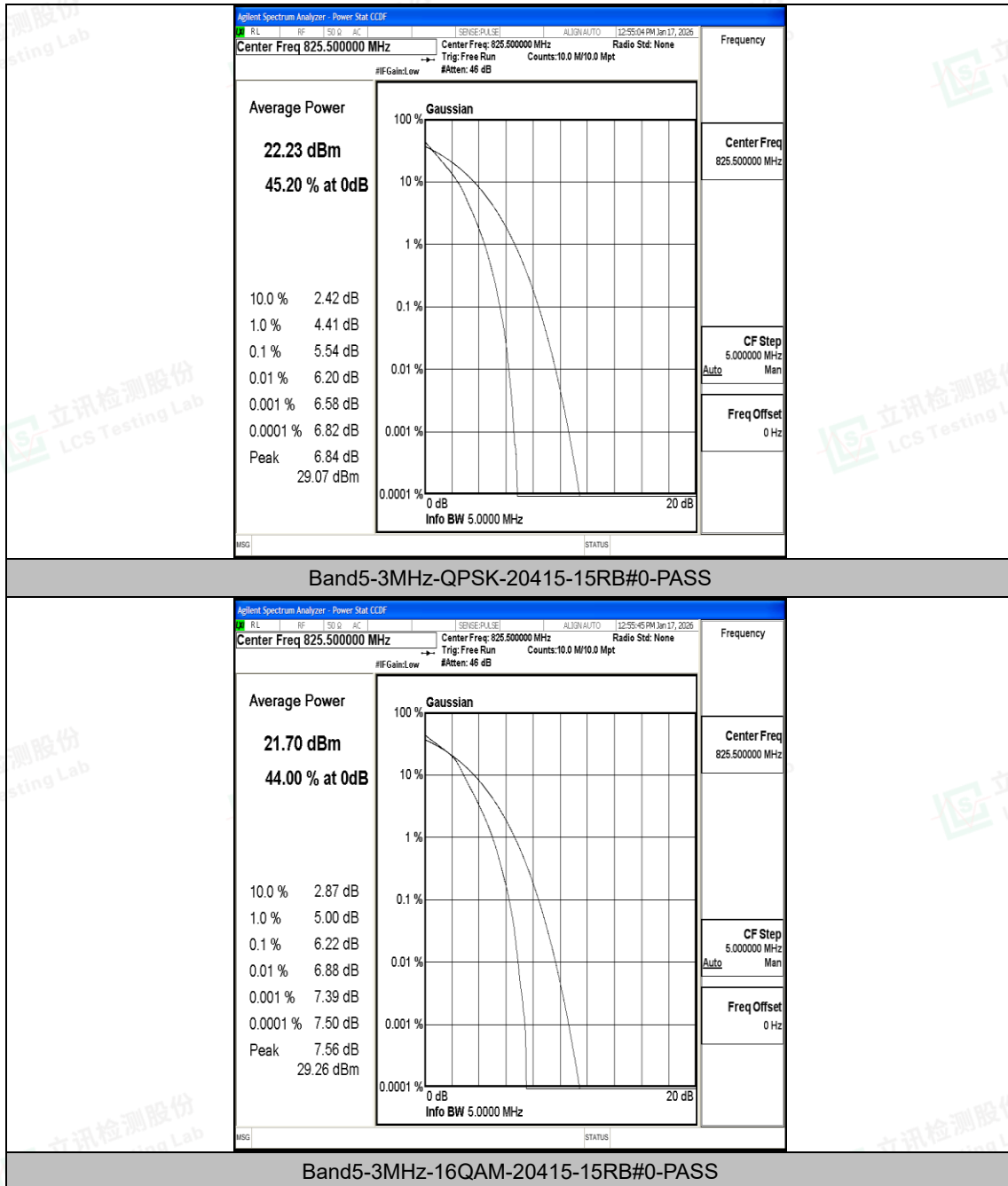


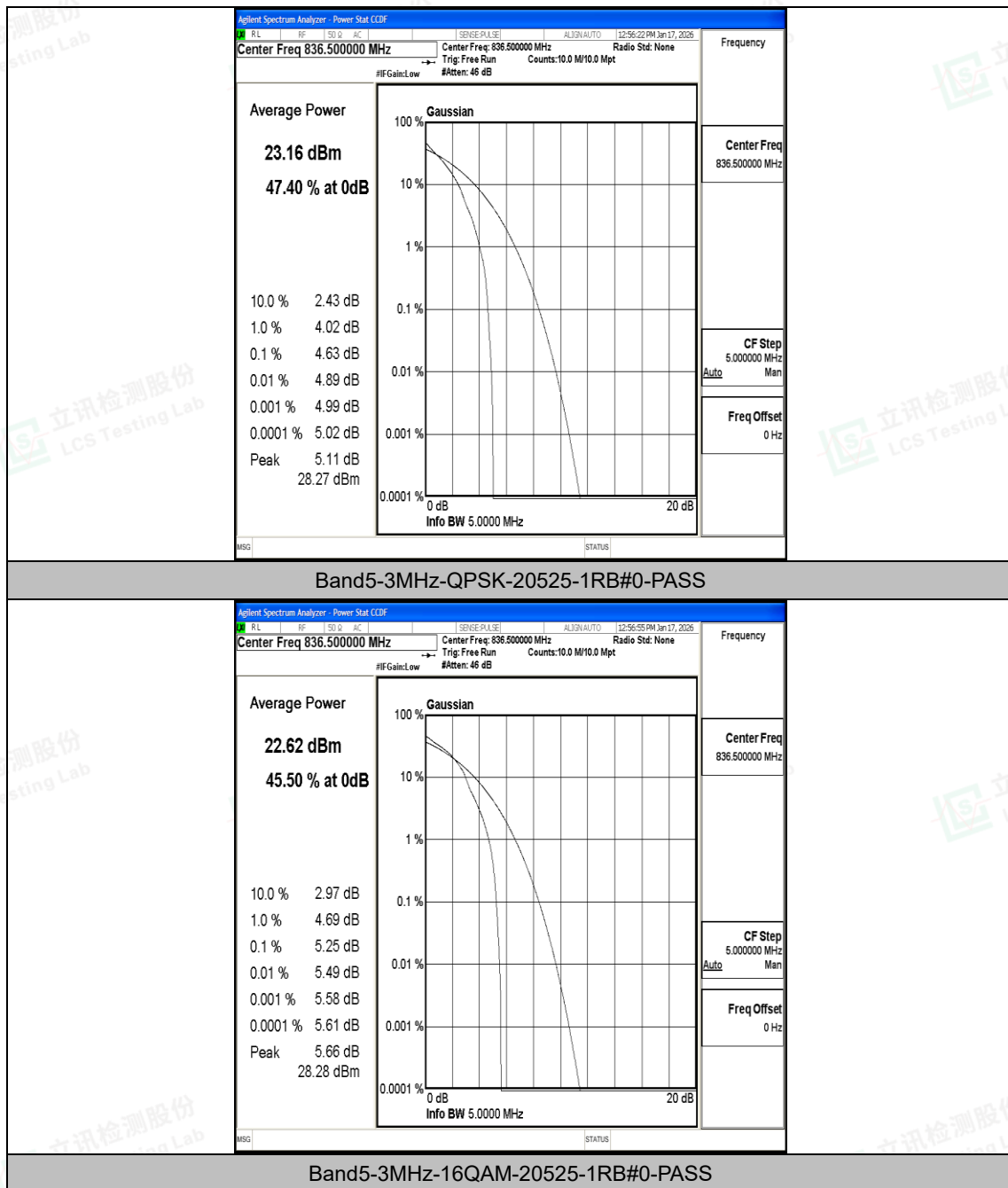


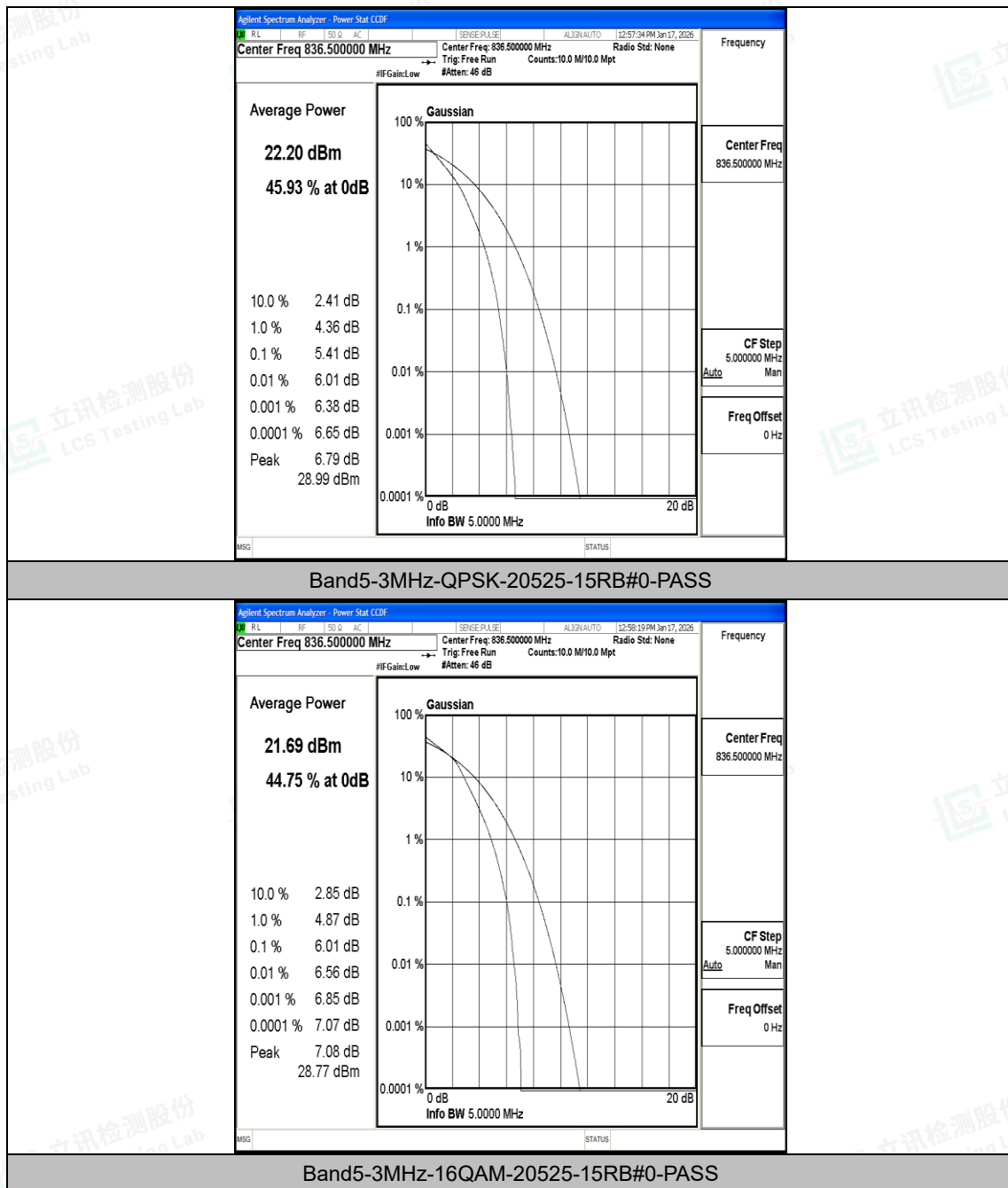


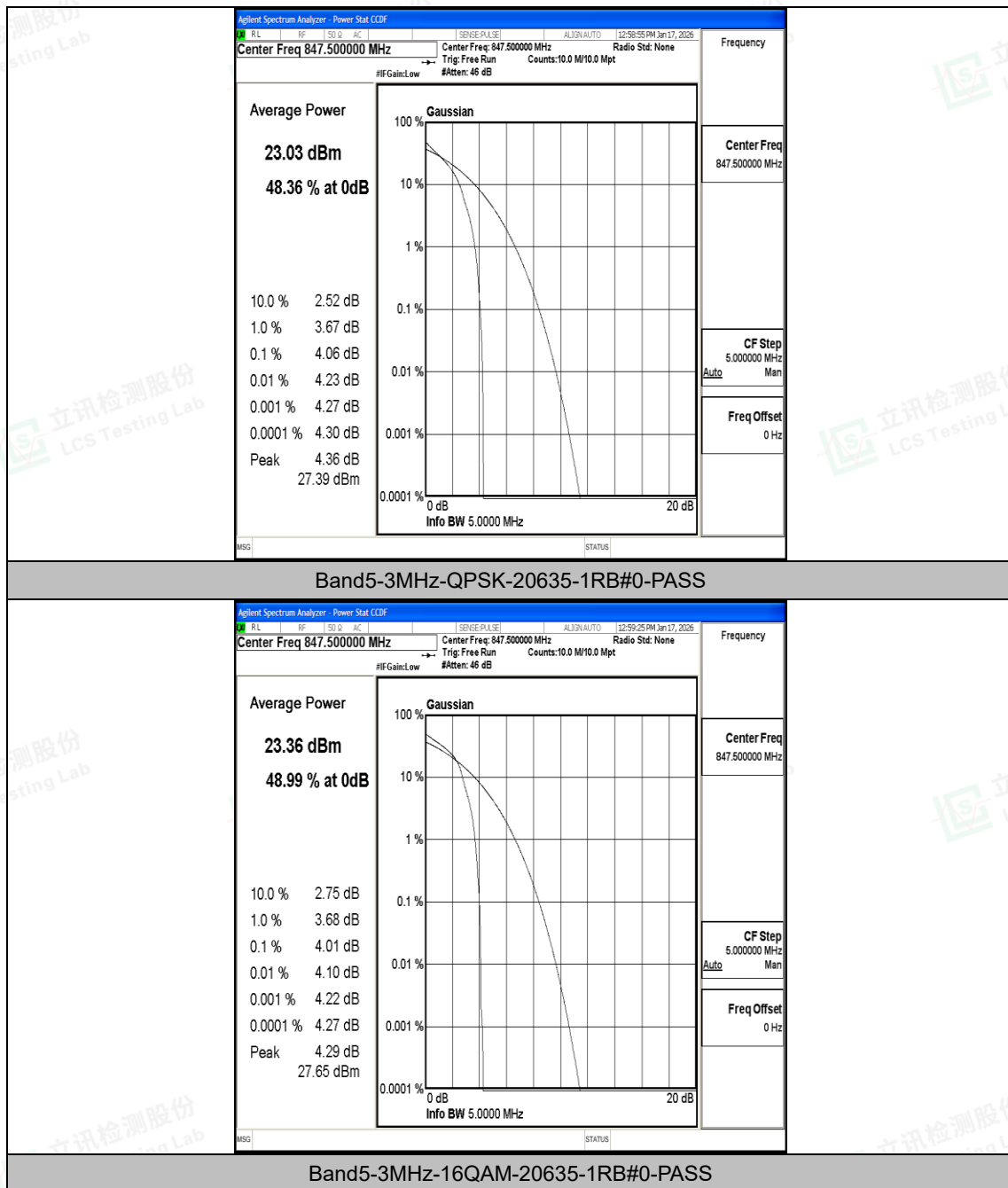


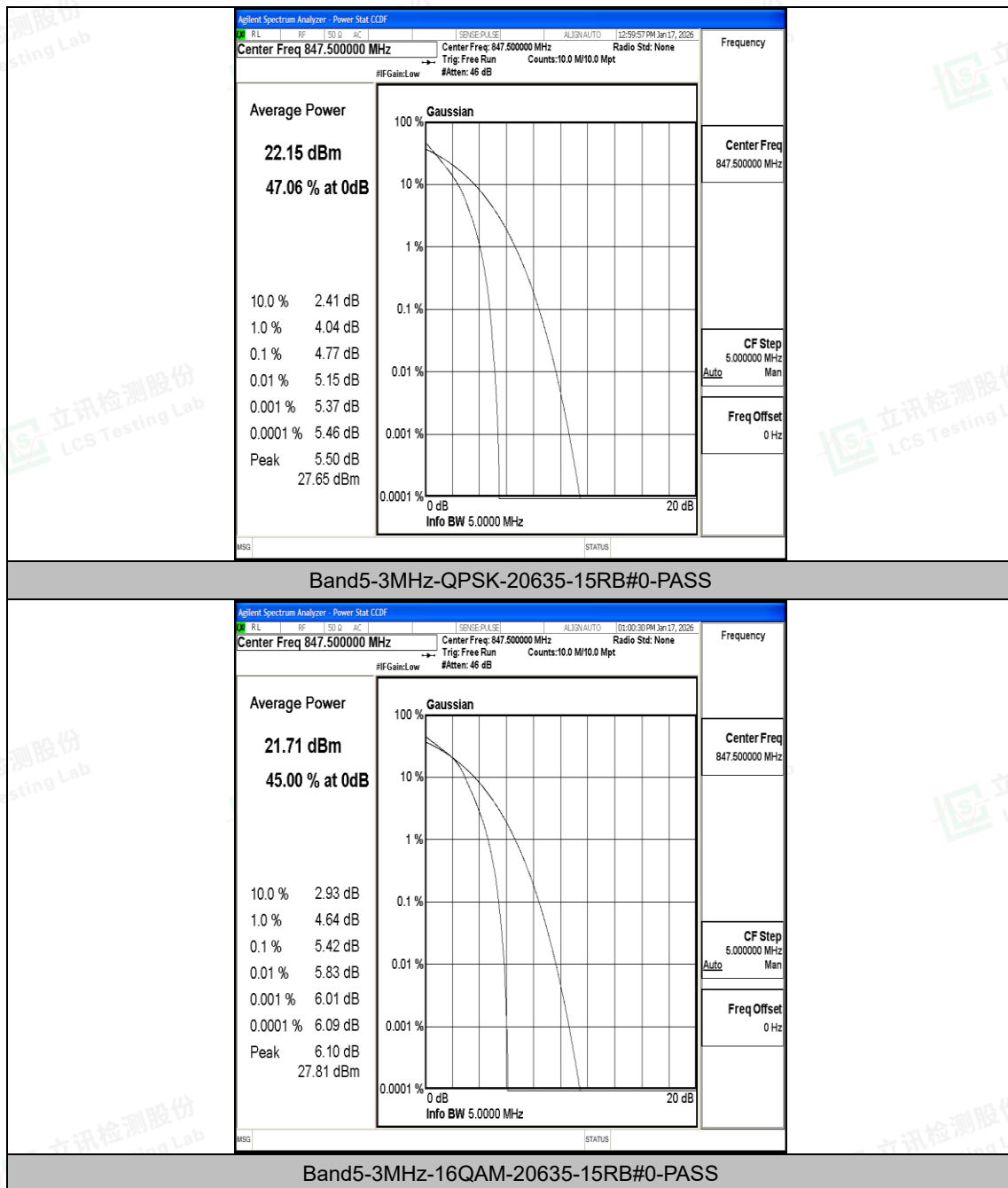


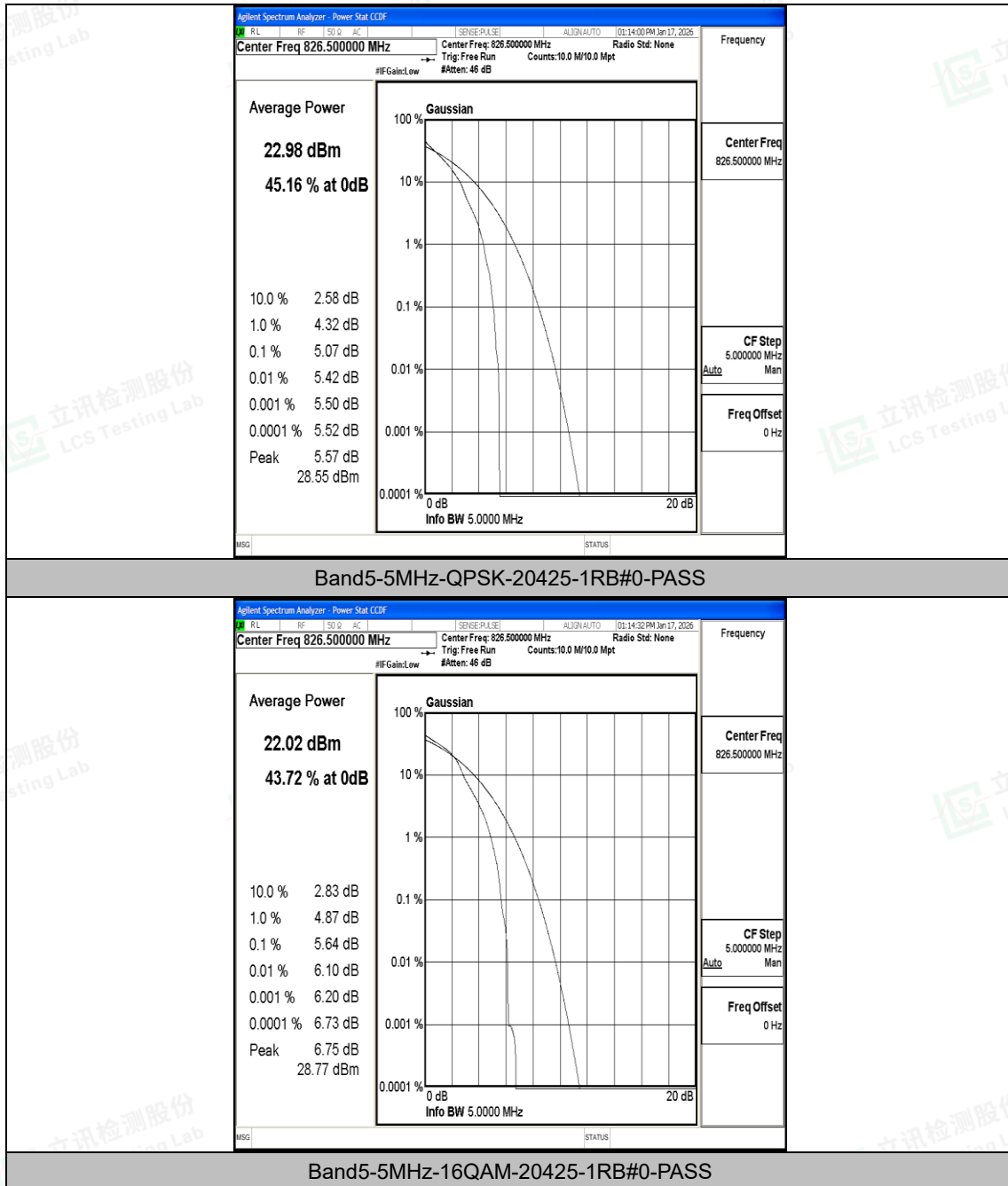


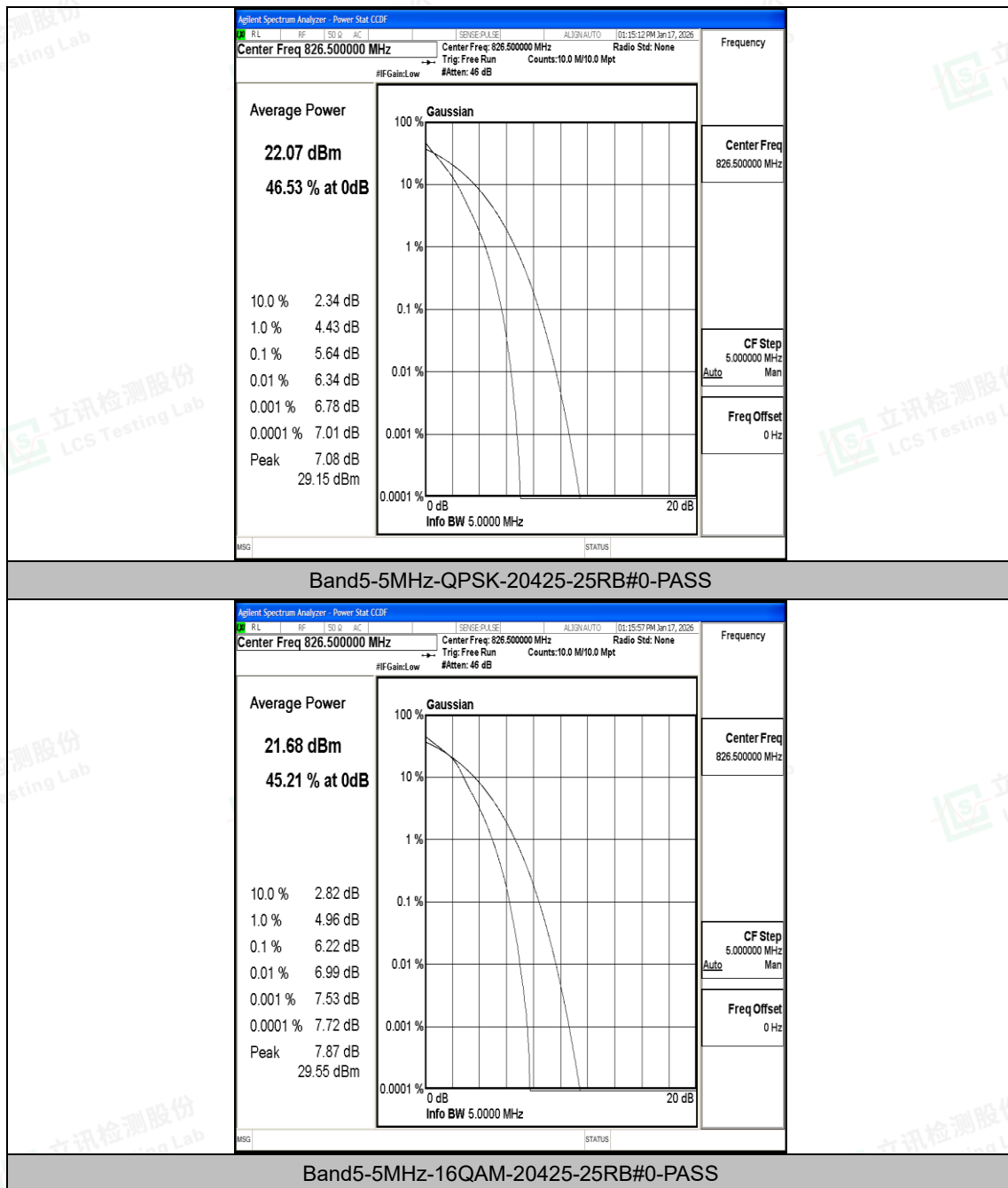


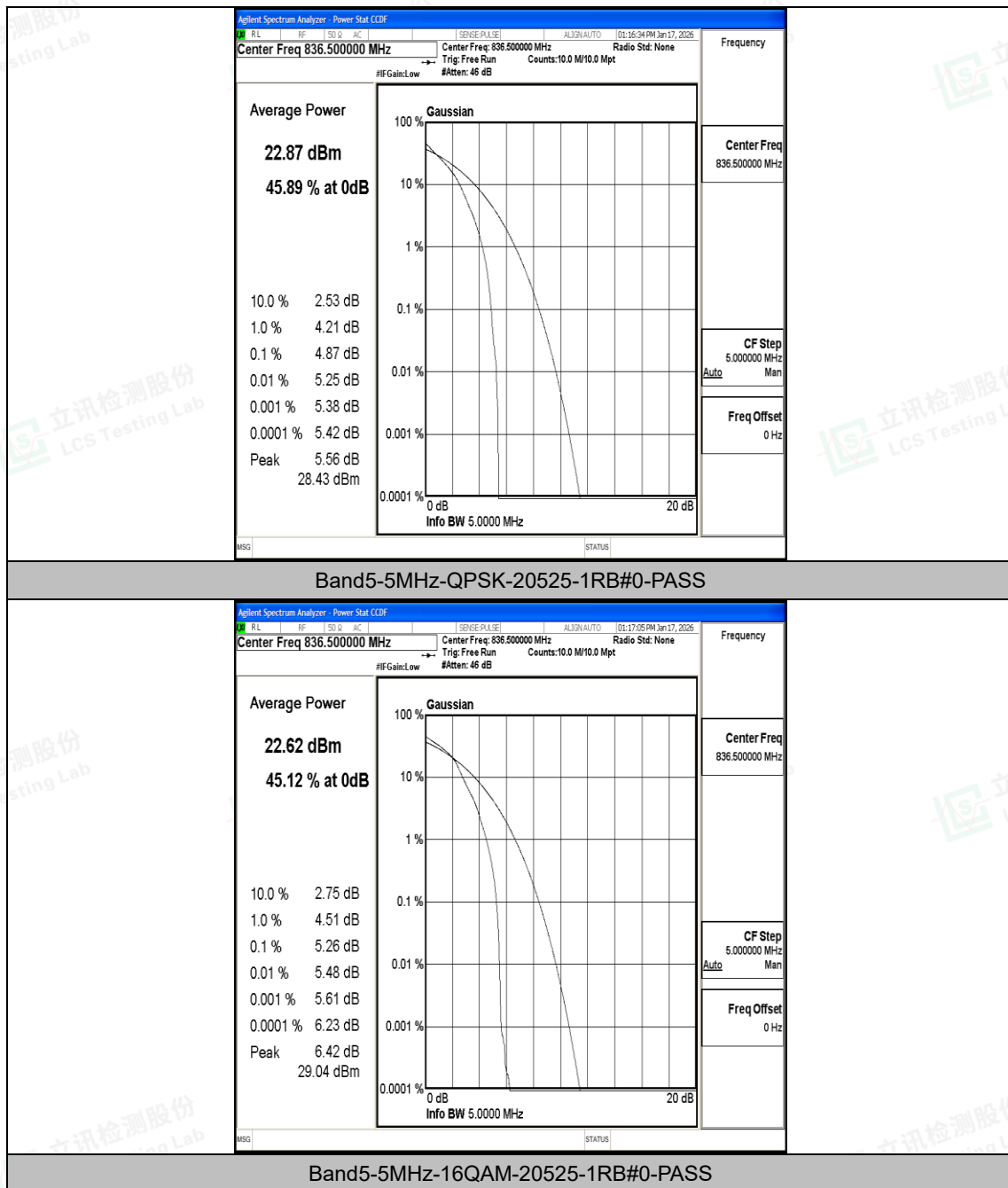


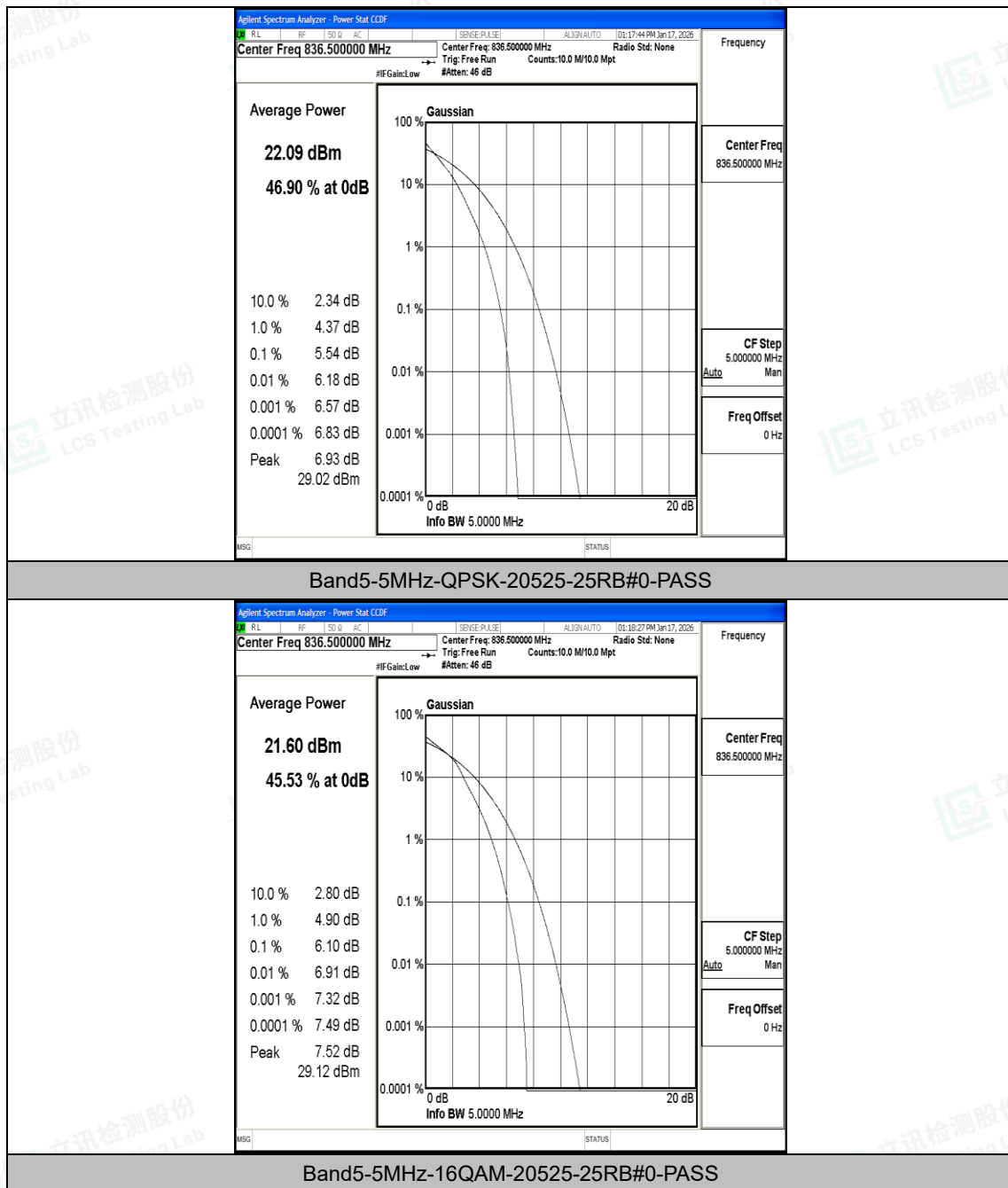


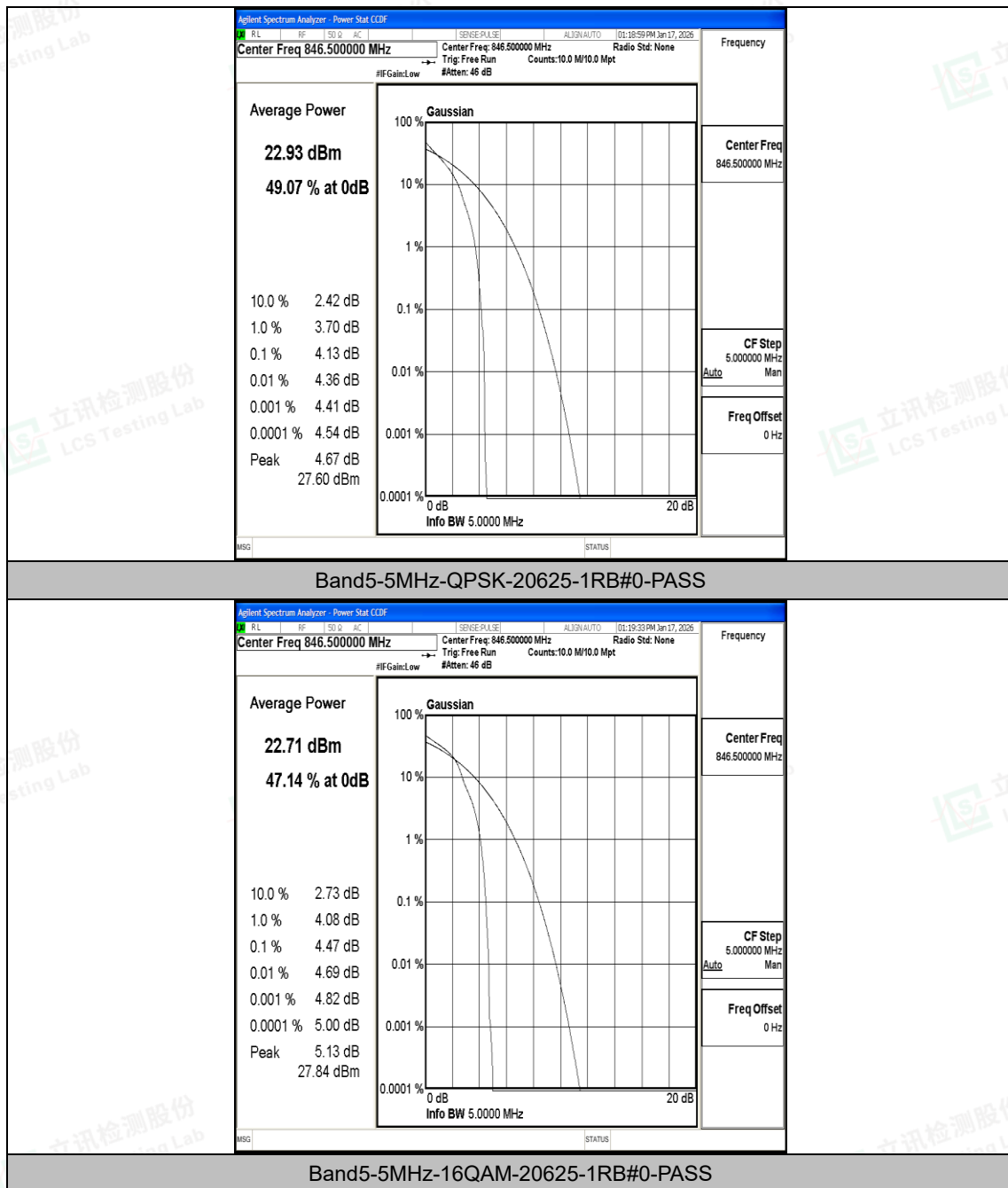


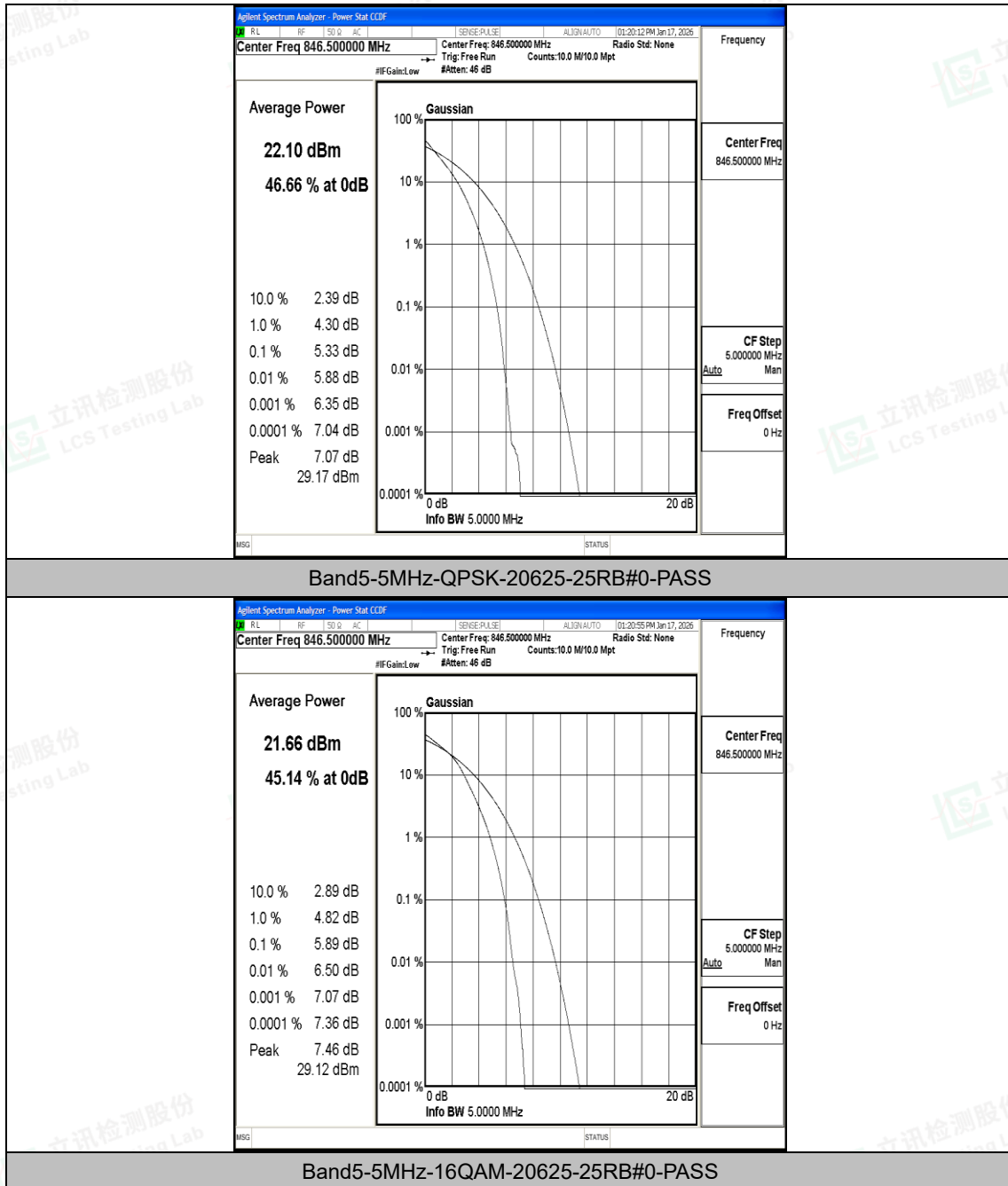


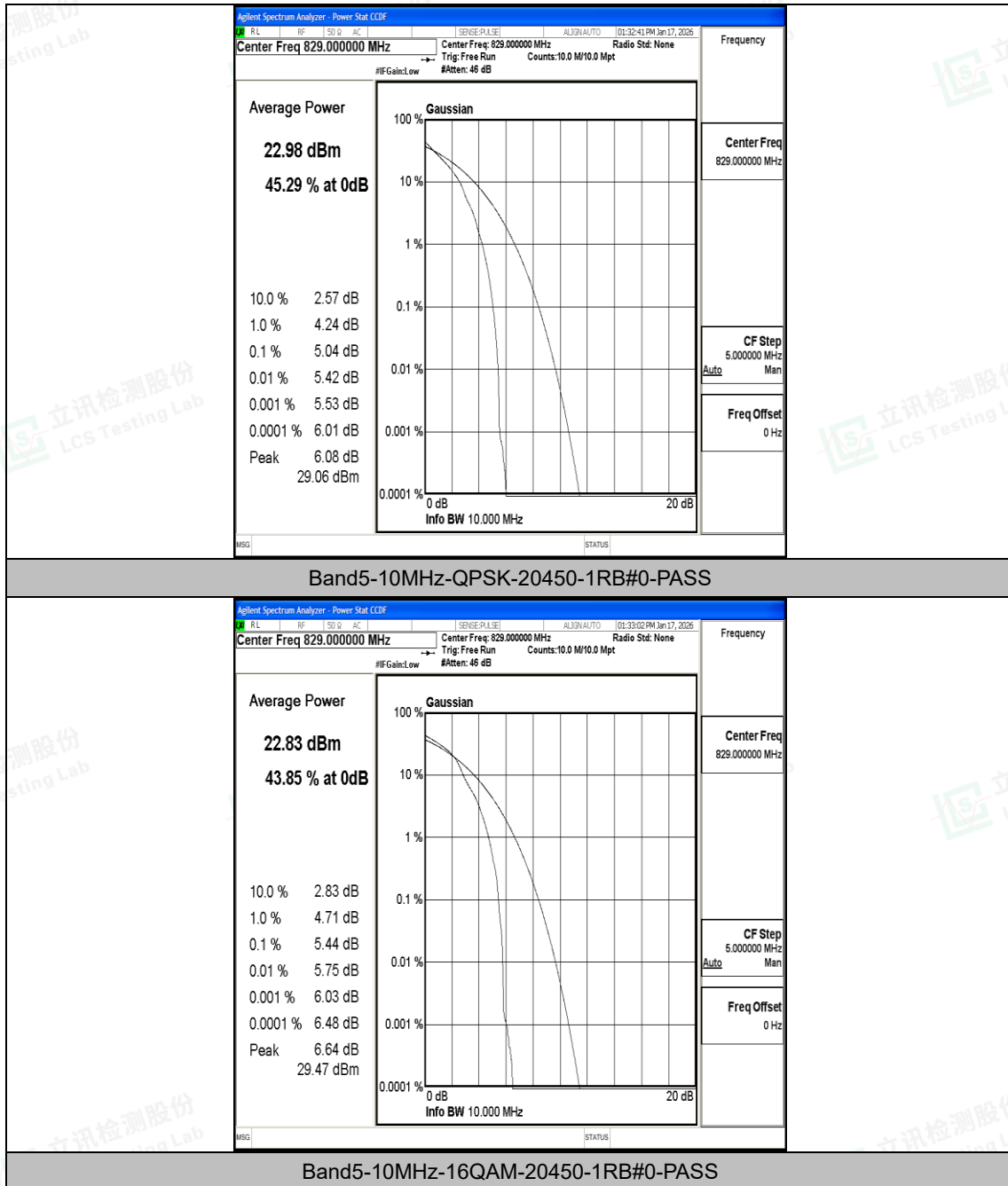


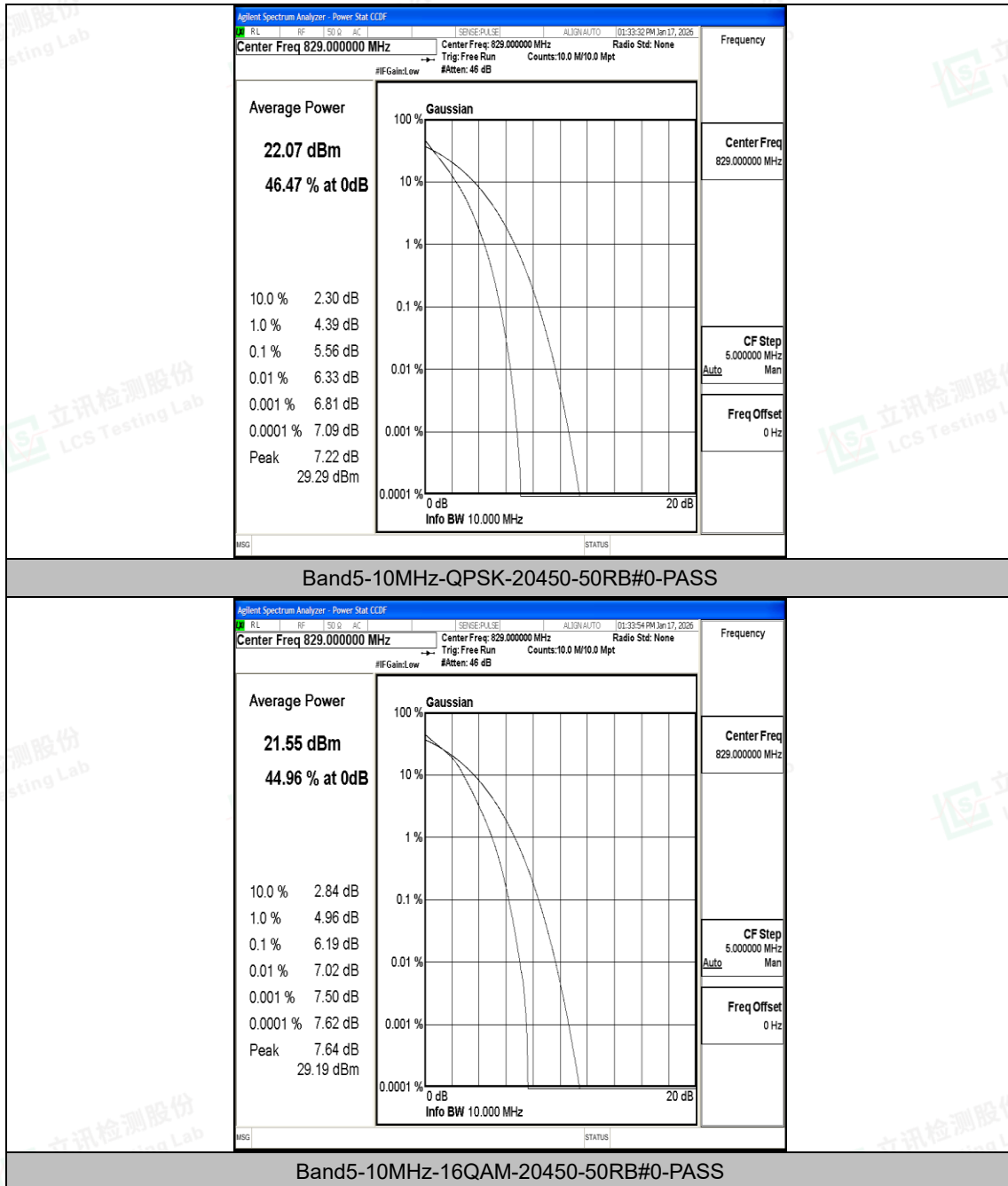


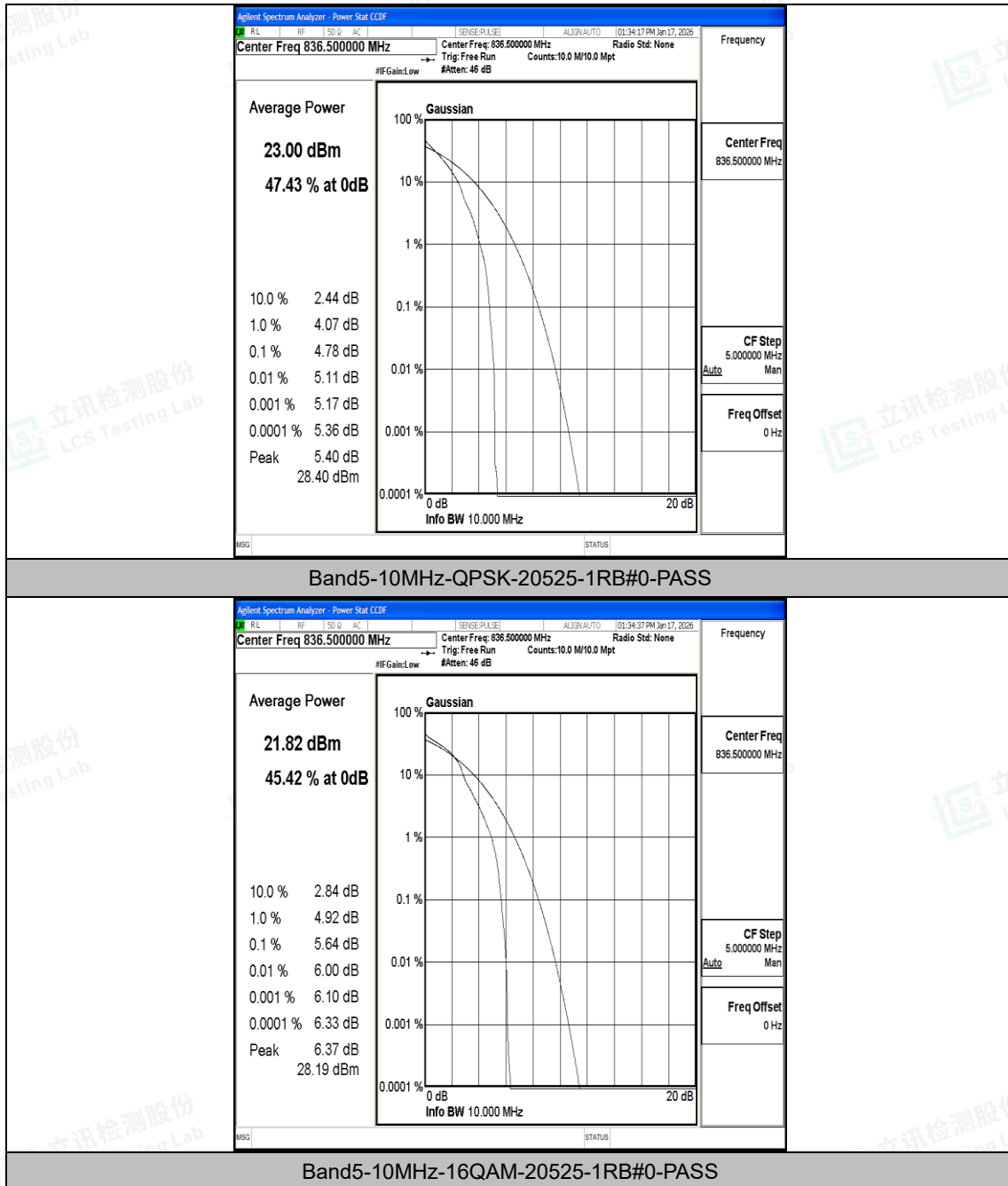


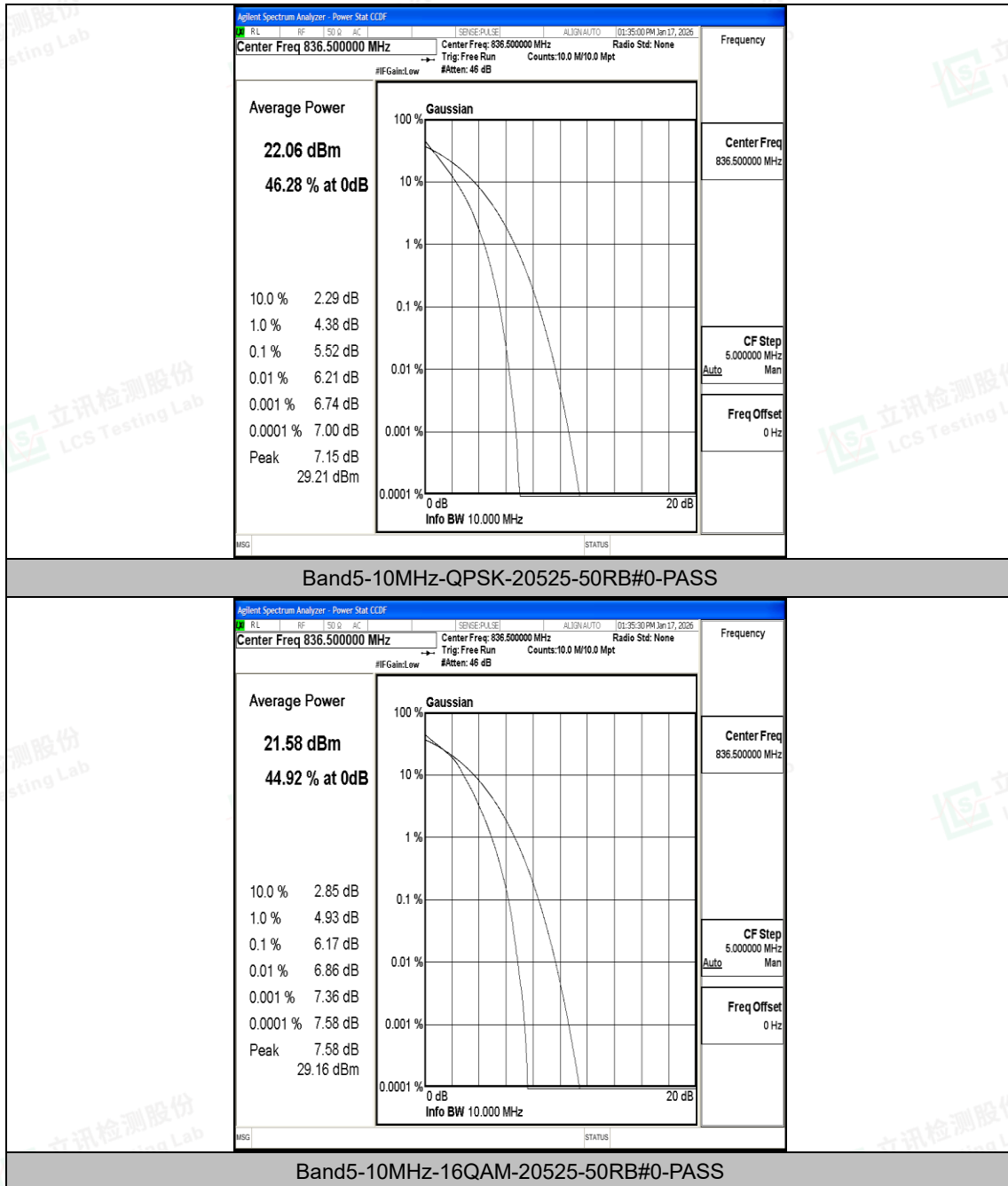


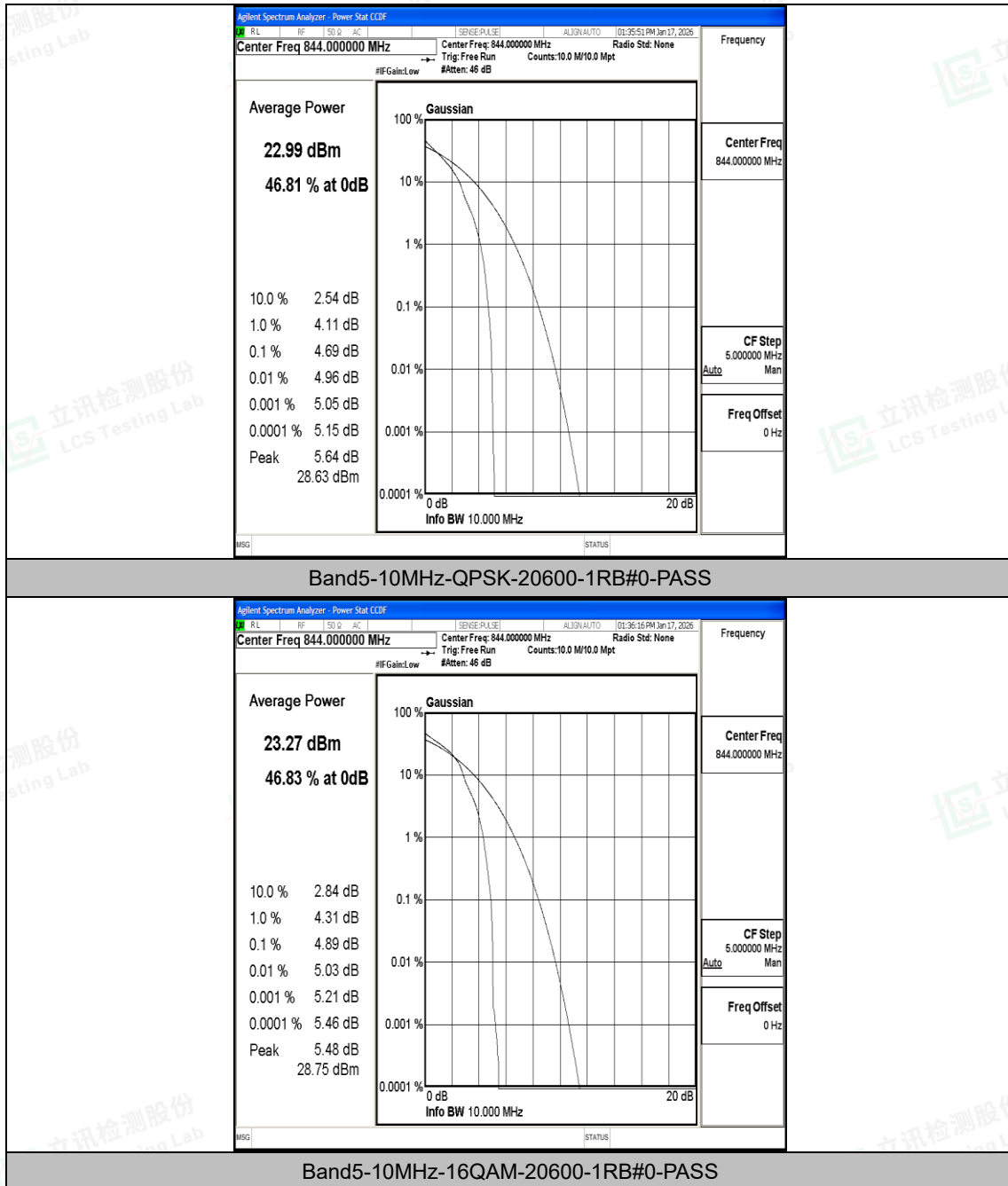


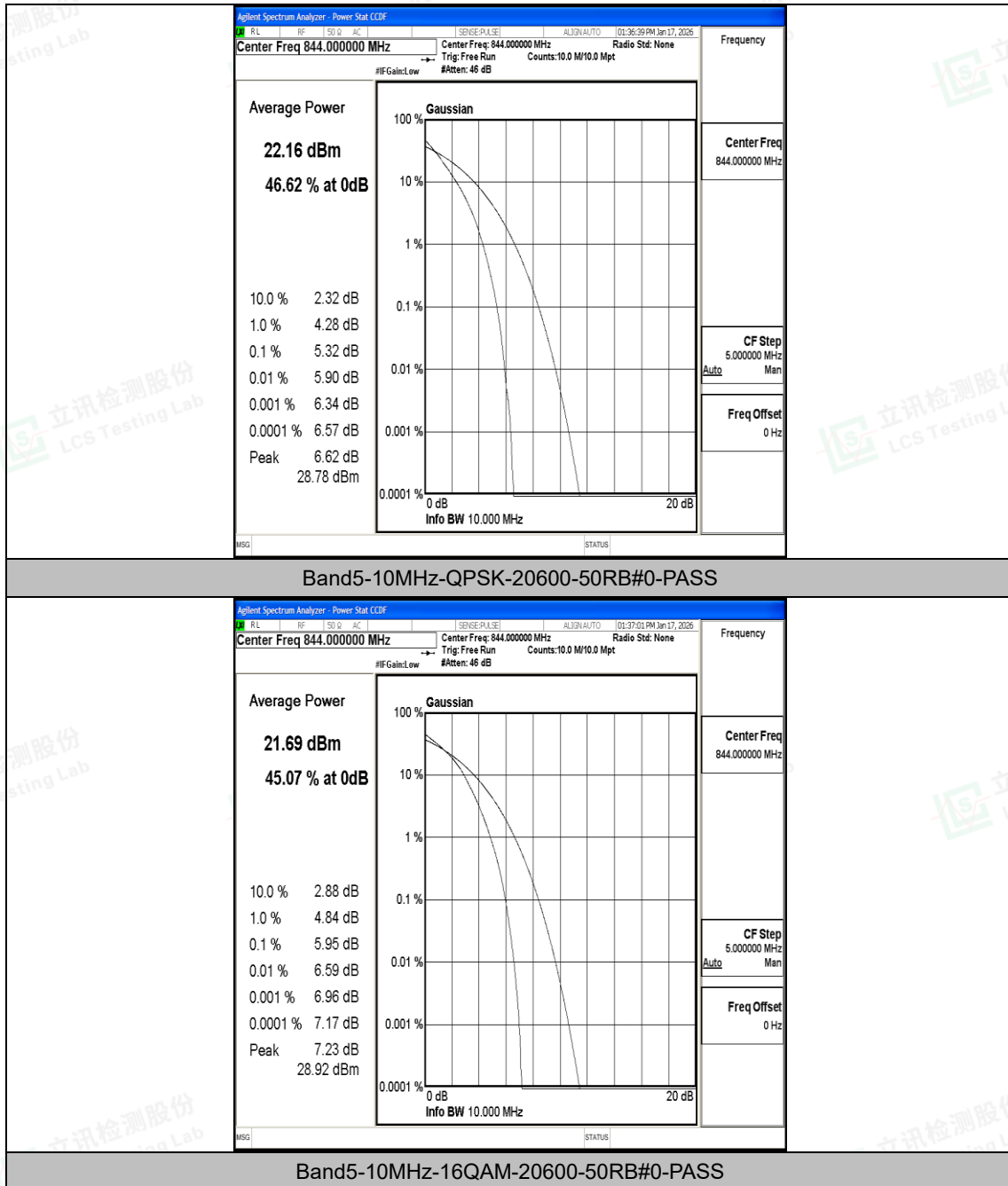














H.3 26dB Bandwidth and Occupied Bandwidth

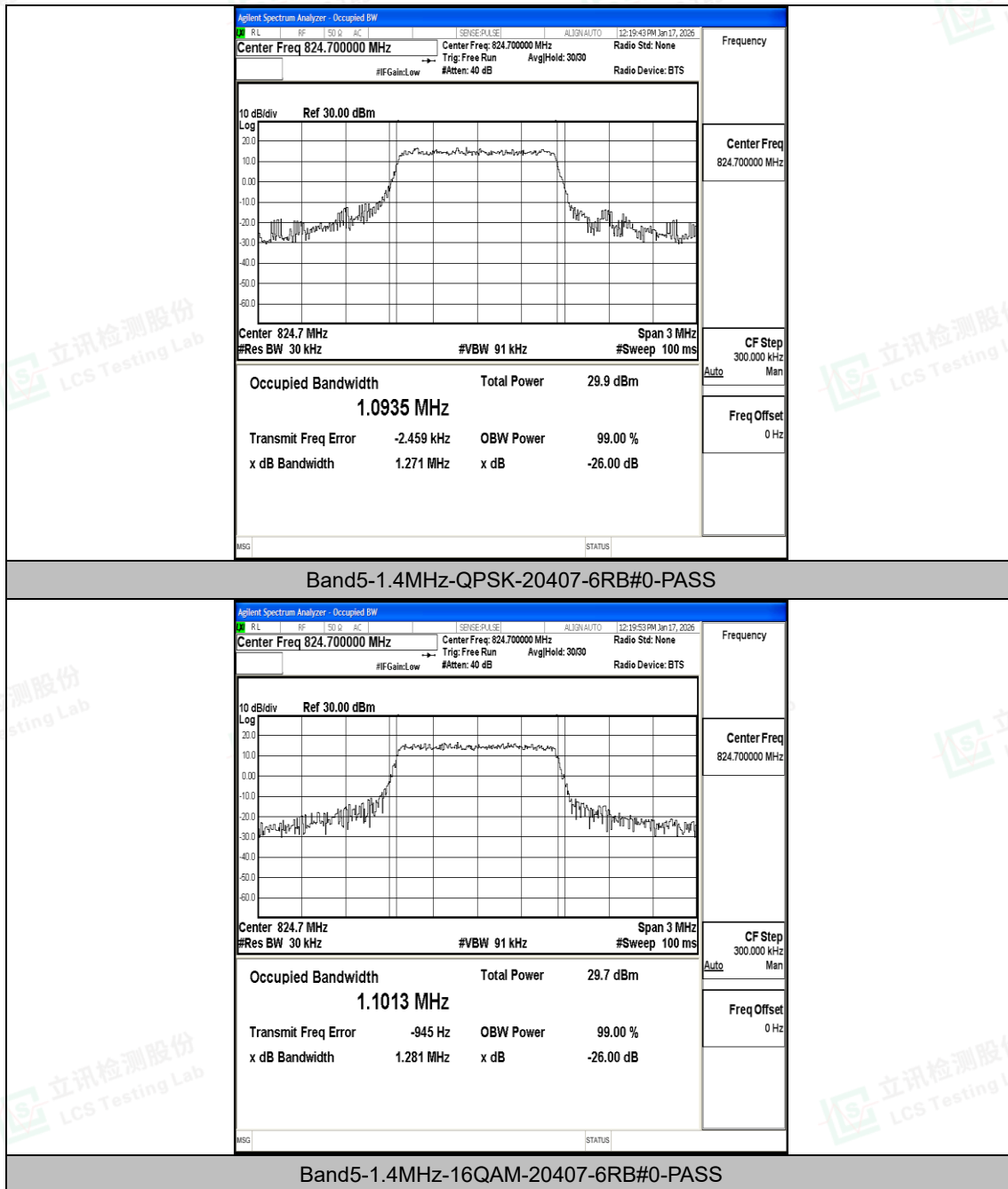
Test Result

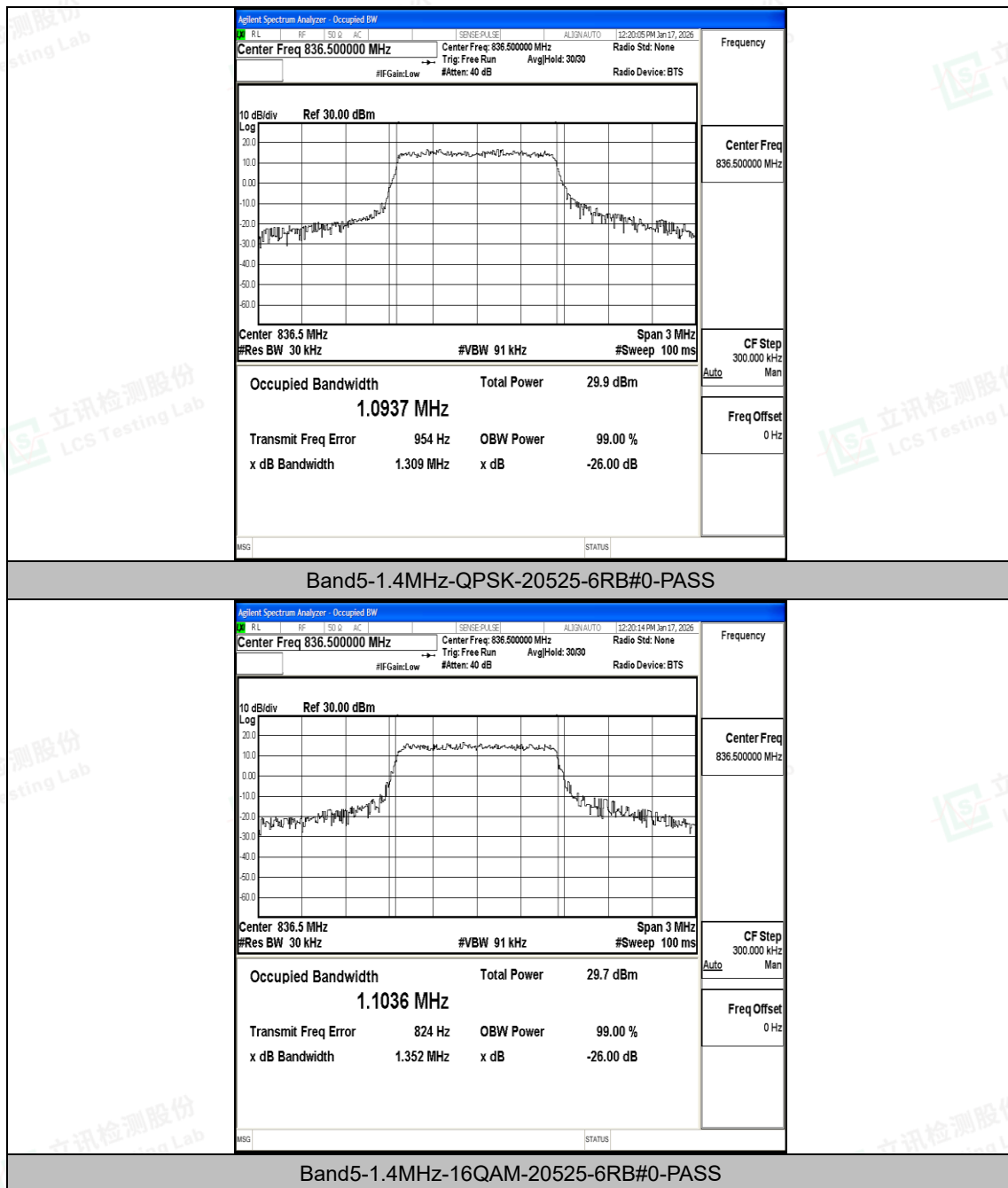
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0935	1.271	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1013	1.281	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0937	1.309	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1036	1.352	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0992	1.294	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0957	1.360	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7692	3.375	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7601	3.235	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7598	3.522	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7594	3.514	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7665	3.259	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7637	3.423	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5210	5.310	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5258	5.303	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5140	5.378	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5205	5.355	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5220	5.253	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5553	5.265	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9762	9.956	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9697	10.05	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0274	10.05	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.0107	10.60	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9694	9.797	PASS
Band5	10MHz	16QAM	20600	50RB#0	9.0012	10.08	PASS

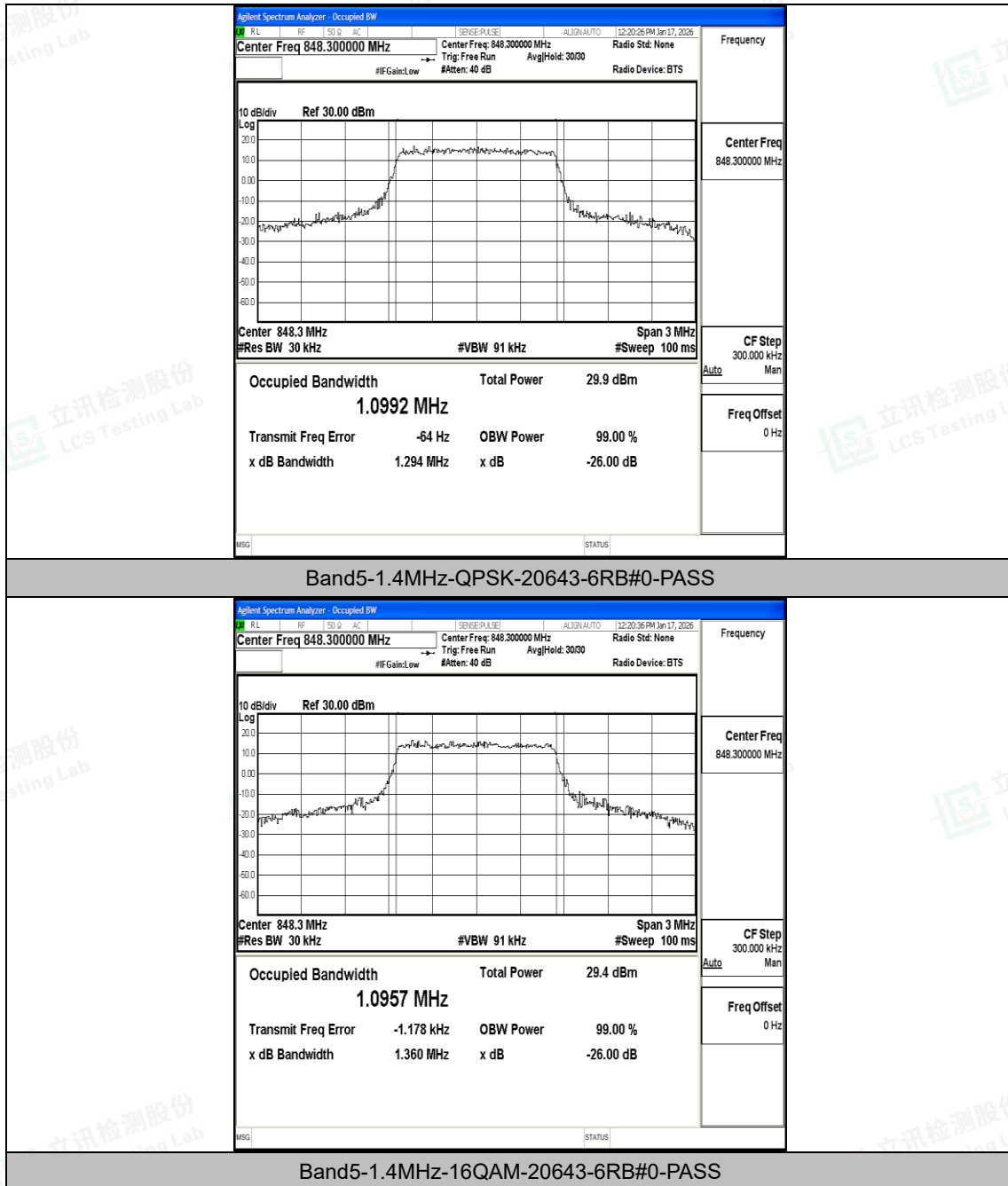




Test Graphs



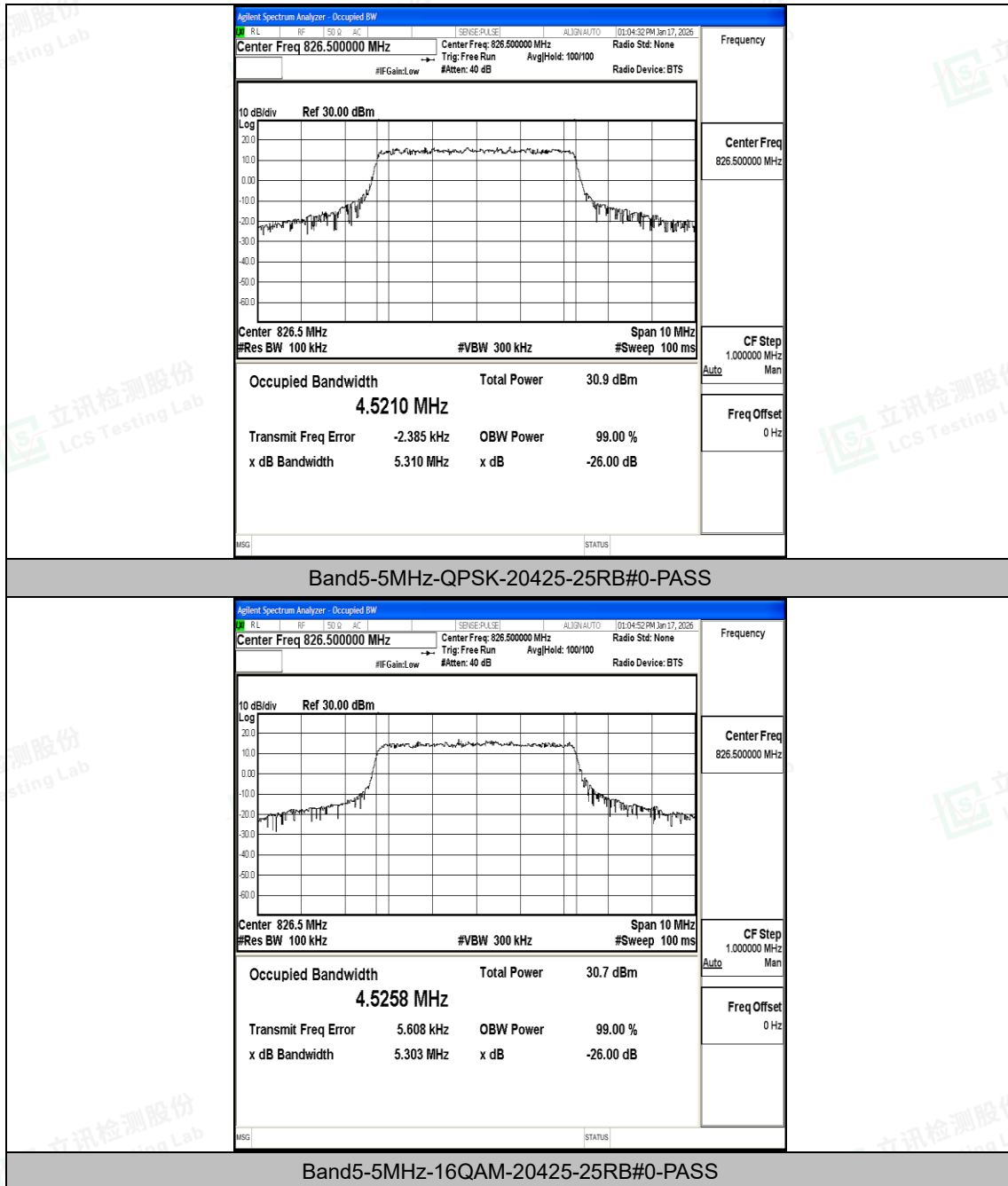


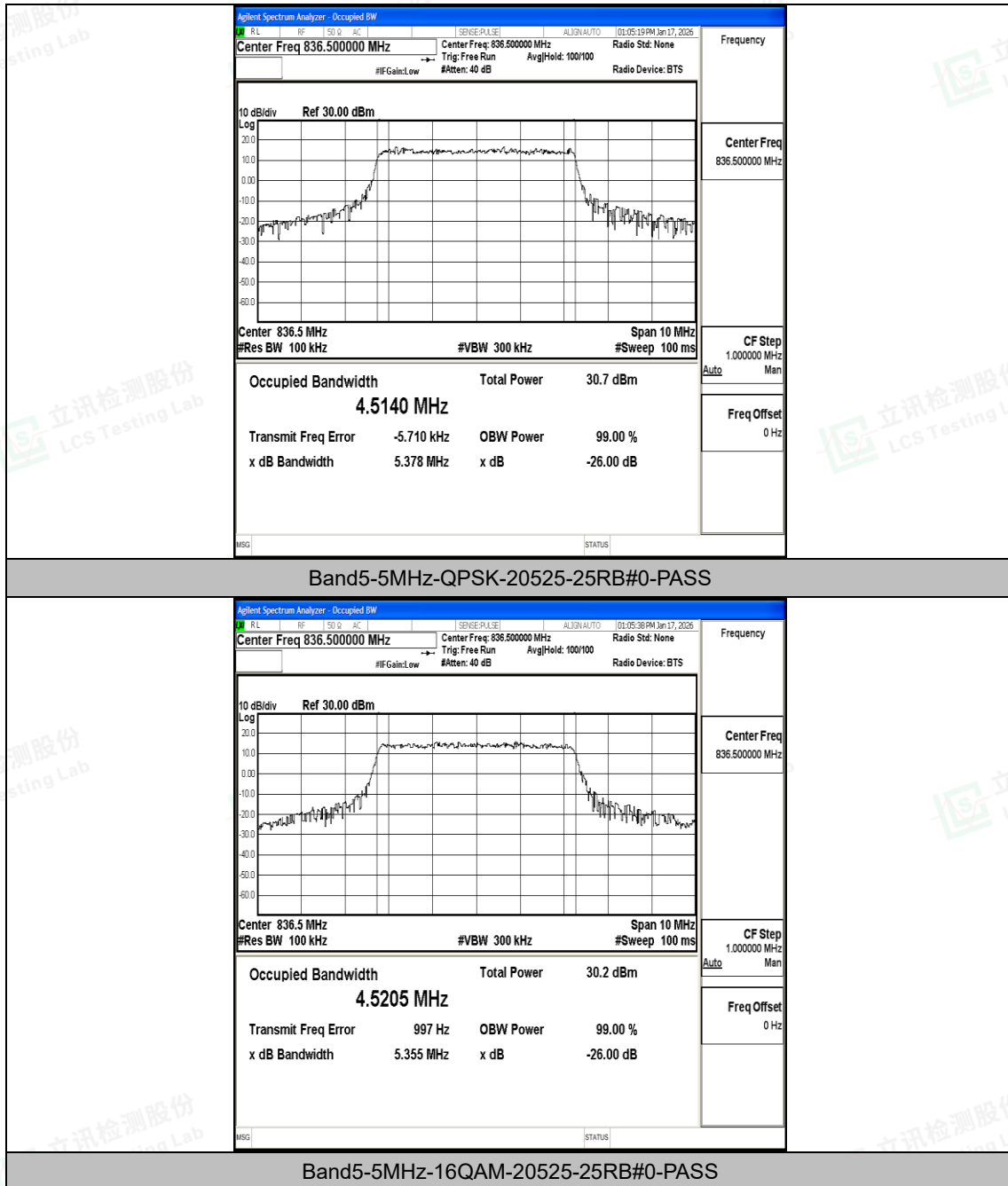


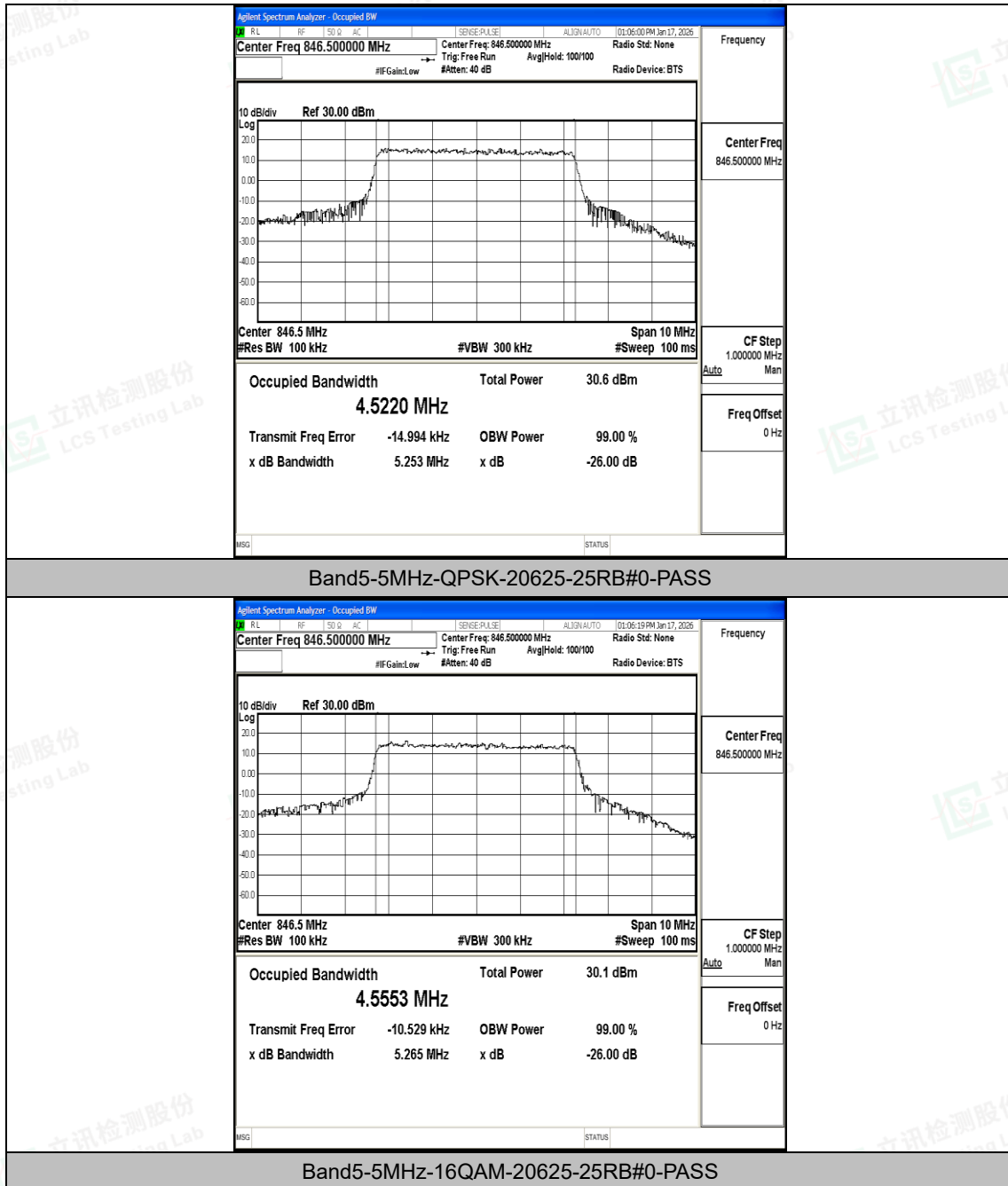


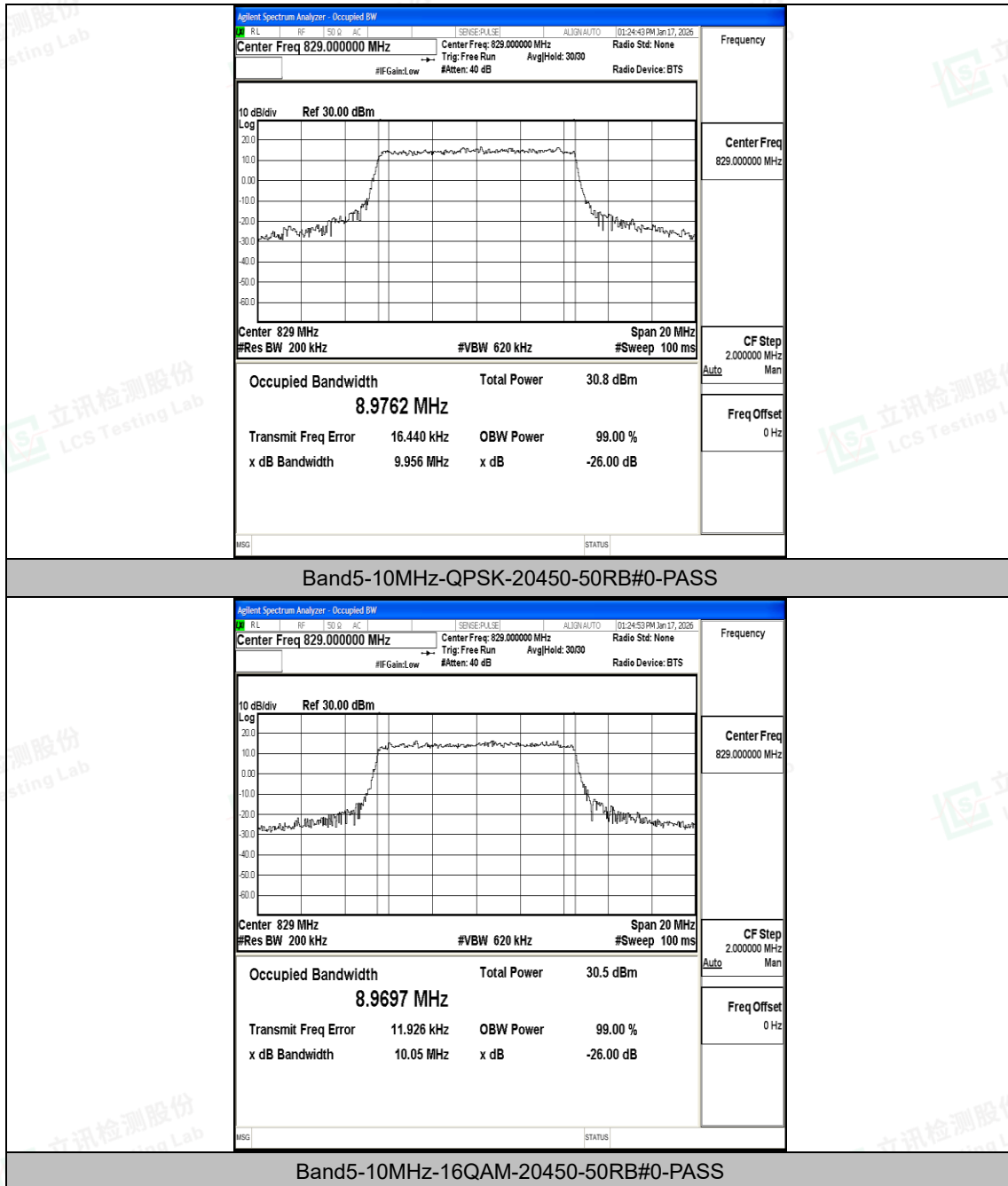


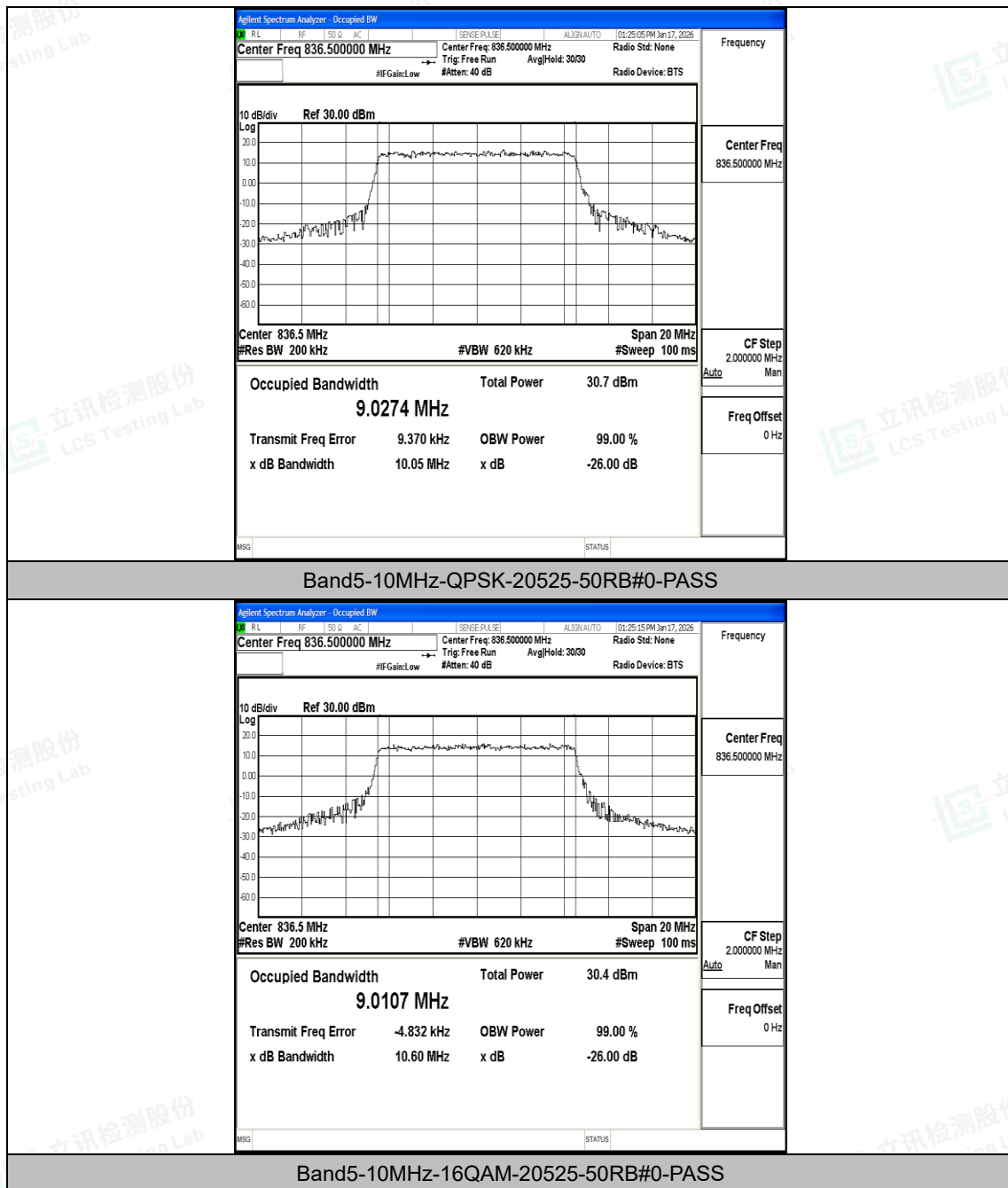


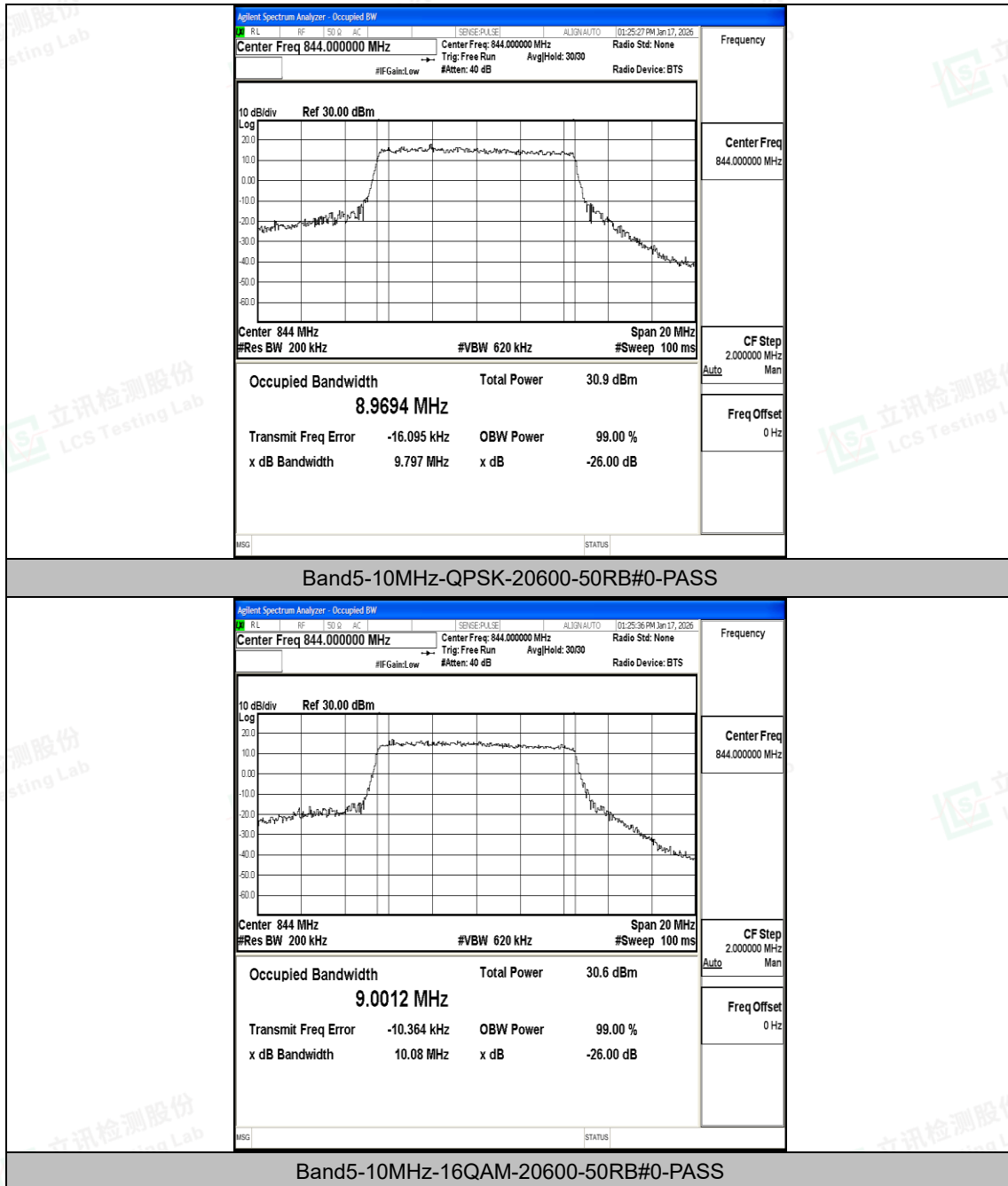














H.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	823.95	-16.81	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	823.98	-16.64	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	849.01	-16.00	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	849.07	-16.09	PASS
Band5	3MHz	QPSK	20415	15RB#0	823.98	-22.86	PASS
Band5	3MHz	16QAM	20415	15RB#0	823.98	-23.50	PASS
Band5	3MHz	QPSK	20635	15RB#0	849.02	-21.77	PASS
Band5	3MHz	16QAM	20635	15RB#0	849.01	-22.99	PASS
Band5	5MHz	QPSK	20425	25RB#0	824.00	-15.28	PASS
Band5	5MHz	16QAM	20425	25RB#0	824.00	-16.76	PASS
Band5	5MHz	QPSK	20625	25RB#0	849.01	-18.29	PASS
Band5	5MHz	16QAM	20625	25RB#0	849.00	-19.06	PASS
Band5	10MHz	QPSK	20450	50RB#0	823.99	-18.66	PASS
Band5	10MHz	16QAM	20450	50RB#0	823.99	-17.52	PASS
Band5	10MHz	QPSK	20600	50RB#0	849.02	-16.84	PASS
Band5	10MHz	16QAM	20600	50RB#0	849.04	-19.54	PASS





Test Graphs

