



Appendix D: Test Data for E-UTRA Band 5

Product Name: 4G Feature Phone

Test Model: C1

Environmental Conditions

Temperature:	23.9°C
Relative Humidity:	52.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Paddi Chen
Supervised by:	Nick Peng



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Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
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D.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	24.35	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	24.1	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	24.07	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	24.27	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	24.24	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	24.25	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	24.25	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	24.19	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	24.07	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	24.09	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	24.1	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	24.04	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	24.1	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	24.04	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.9	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.92	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.9	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	24.08	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.9	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.99	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	24.16	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	23.25	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	24.13	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	23.78	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	24.05	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	23.48	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	23.73	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	23.49	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.8	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.73	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.56	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.38	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.8	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	23.49	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.49	PASS



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Band5	1.4MHz	16QAM	20643	3RB#0	23.53	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.9	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	23.47	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.46	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	23.78	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	23.79	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	23.62	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.97	PASS
Band5	3MHz	16QAM	20415	1RB#0	23.55	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.78	PASS
Band5	3MHz	16QAM	20415	1RB#8	23.81	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.88	PASS
Band5	3MHz	16QAM	20415	1RB#14	23.78	PASS
Band5	3MHz	QPSK	20415	8RB#0	23.82	PASS
Band5	3MHz	16QAM	20415	8RB#0	23.75	PASS
Band5	3MHz	QPSK	20415	8RB#4	23.73	PASS
Band5	3MHz	16QAM	20415	8RB#4	23.76	PASS
Band5	3MHz	QPSK	20415	8RB#7	23.78	PASS
Band5	3MHz	16QAM	20415	8RB#7	23.74	PASS
Band5	3MHz	QPSK	20415	15RB#0	23.73	PASS
Band5	3MHz	16QAM	20415	15RB#0	23.39	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.98	PASS
Band5	3MHz	16QAM	20525	1RB#0	23.8	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.9	PASS
Band5	3MHz	16QAM	20525	1RB#8	23.74	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.9	PASS
Band5	3MHz	16QAM	20525	1RB#14	23.82	PASS
Band5	3MHz	QPSK	20525	8RB#0	23.79	PASS
Band5	3MHz	16QAM	20525	8RB#0	23.78	PASS
Band5	3MHz	QPSK	20525	8RB#4	23.81	PASS
Band5	3MHz	16QAM	20525	8RB#4	23.75	PASS
Band5	3MHz	QPSK	20525	8RB#7	23.81	PASS
Band5	3MHz	16QAM	20525	8RB#7	23.82	PASS
Band5	3MHz	QPSK	20525	15RB#0	23.73	PASS
Band5	3MHz	16QAM	20525	15RB#0	23.78	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.83	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.82	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.84	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.94	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.78	PASS



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Band5	3MHz	16QAM	20635	1RB#14	23.87	PASS
Band5	3MHz	QPSK	20635	8RB#0	23.88	PASS
Band5	3MHz	16QAM	20635	8RB#0	23.73	PASS
Band5	3MHz	QPSK	20635	8RB#4	23.91	PASS
Band5	3MHz	16QAM	20635	8RB#4	23.59	PASS
Band5	3MHz	QPSK	20635	8RB#7	23.88	PASS
Band5	3MHz	16QAM	20635	8RB#7	23.51	PASS
Band5	3MHz	QPSK	20635	15RB#0	23.88	PASS
Band5	3MHz	16QAM	20635	15RB#0	23.53	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.85	PASS
Band5	5MHz	16QAM	20425	1RB#0	23.81	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.81	PASS
Band5	5MHz	16QAM	20425	1RB#12	23.76	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.93	PASS
Band5	5MHz	16QAM	20425	1RB#24	23.85	PASS
Band5	5MHz	QPSK	20425	12RB#0	23.84	PASS
Band5	5MHz	16QAM	20425	12RB#0	23.91	PASS
Band5	5MHz	QPSK	20425	12RB#6	23.84	PASS
Band5	5MHz	16QAM	20425	12RB#6	23.51	PASS
Band5	5MHz	QPSK	20425	12RB#13	24.01	PASS
Band5	5MHz	16QAM	20425	12RB#13	23.48	PASS
Band5	5MHz	QPSK	20425	25RB#0	23.85	PASS
Band5	5MHz	16QAM	20425	25RB#0	23.72	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.7	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.82	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.73	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.97	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.71	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.94	PASS
Band5	5MHz	QPSK	20525	12RB#0	23.94	PASS
Band5	5MHz	16QAM	20525	12RB#0	23.61	PASS
Band5	5MHz	QPSK	20525	12RB#6	23.85	PASS
Band5	5MHz	16QAM	20525	12RB#6	23.56	PASS
Band5	5MHz	QPSK	20525	12RB#13	23.88	PASS
Band5	5MHz	16QAM	20525	12RB#13	23.59	PASS
Band5	5MHz	QPSK	20525	25RB#0	23.89	PASS
Band5	5MHz	16QAM	20525	25RB#0	23.57	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.92	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.49	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.84	PASS



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Band5	5MHz	16QAM	20625	1RB#12	23.38	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.42	PASS
Band5	5MHz	16QAM	20625	1RB#24	23.9	PASS
Band5	5MHz	QPSK	20625	12RB#0	23.44	PASS
Band5	5MHz	16QAM	20625	12RB#0	23.52	PASS
Band5	5MHz	QPSK	20625	12RB#6	23.91	PASS
Band5	5MHz	16QAM	20625	12RB#6	23.49	PASS
Band5	5MHz	QPSK	20625	12RB#13	23.87	PASS
Band5	5MHz	16QAM	20625	12RB#13	23.32	PASS
Band5	5MHz	QPSK	20625	25RB#0	23.91	PASS
Band5	5MHz	16QAM	20625	25RB#0	23.58	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.91	PASS
Band5	10MHz	16QAM	20450	1RB#0	23.65	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.88	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.57	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.8	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.54	PASS
Band5	10MHz	QPSK	20450	25RB#0	23.07	PASS
Band5	10MHz	16QAM	20450	25RB#0	23.52	PASS
Band5	10MHz	QPSK	20450	25RB#12	23.92	PASS
Band5	10MHz	16QAM	20450	25RB#12	23.65	PASS
Band5	10MHz	QPSK	20450	25RB#25	23.83	PASS
Band5	10MHz	16QAM	20450	25RB#25	23.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	23.86	PASS
Band5	10MHz	16QAM	20450	50RB#0	23.5	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.92	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.65	PASS
Band5	10MHz	QPSK	20525	1RB#24	24.01	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.76	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.92	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.84	PASS
Band5	10MHz	QPSK	20525	25RB#0	23.95	PASS
Band5	10MHz	16QAM	20525	25RB#0	23.66	PASS
Band5	10MHz	QPSK	20525	25RB#12	23.83	PASS
Band5	10MHz	16QAM	20525	25RB#12	23.67	PASS
Band5	10MHz	QPSK	20525	25RB#25	23.87	PASS
Band5	10MHz	16QAM	20525	25RB#25	23.66	PASS
Band5	10MHz	QPSK	20525	50RB#0	23.86	PASS
Band5	10MHz	16QAM	20525	50RB#0	23.57	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.85	PASS



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Band5	10MHz	16QAM	20600	1RB#0	24.07	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.85	PASS
Band5	10MHz	16QAM	20600	1RB#24	24	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.62	PASS
Band5	10MHz	16QAM	20600	1RB#49	23.53	PASS
Band5	10MHz	QPSK	20600	25RB#0	23.86	PASS
Band5	10MHz	16QAM	20600	25RB#0	23.72	PASS
Band5	10MHz	QPSK	20600	25RB#12	23.88	PASS
Band5	10MHz	16QAM	20600	25RB#12	23.73	PASS
Band5	10MHz	QPSK	20600	25RB#25	23.9	PASS
Band5	10MHz	16QAM	20600	25RB#25	23.74	PASS
Band5	10MHz	QPSK	20600	50RB#0	23.93	PASS
Band5	10MHz	16QAM	20600	50RB#0	23.69	PASS



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D.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	4.72	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	4.97	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.46	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.04	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.55	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.39	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.33	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.86	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3.78	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3.50	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.32	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	4.96	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.87	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.06	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.48	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.18	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.67	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.07	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.35	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.96	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.00	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	4.06	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.77	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.35	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.08	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.64	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.63	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.22	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.83	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.22	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.52	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.12	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.07	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	4.44	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.28	13	PASS



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Band5	5MHz	16QAM	20625	25RB#0	5.86	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	5.04	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.52	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.56	13	PASS
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	5.35	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.52	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.16	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.68	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	4.87	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.28	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.91	13	PASS



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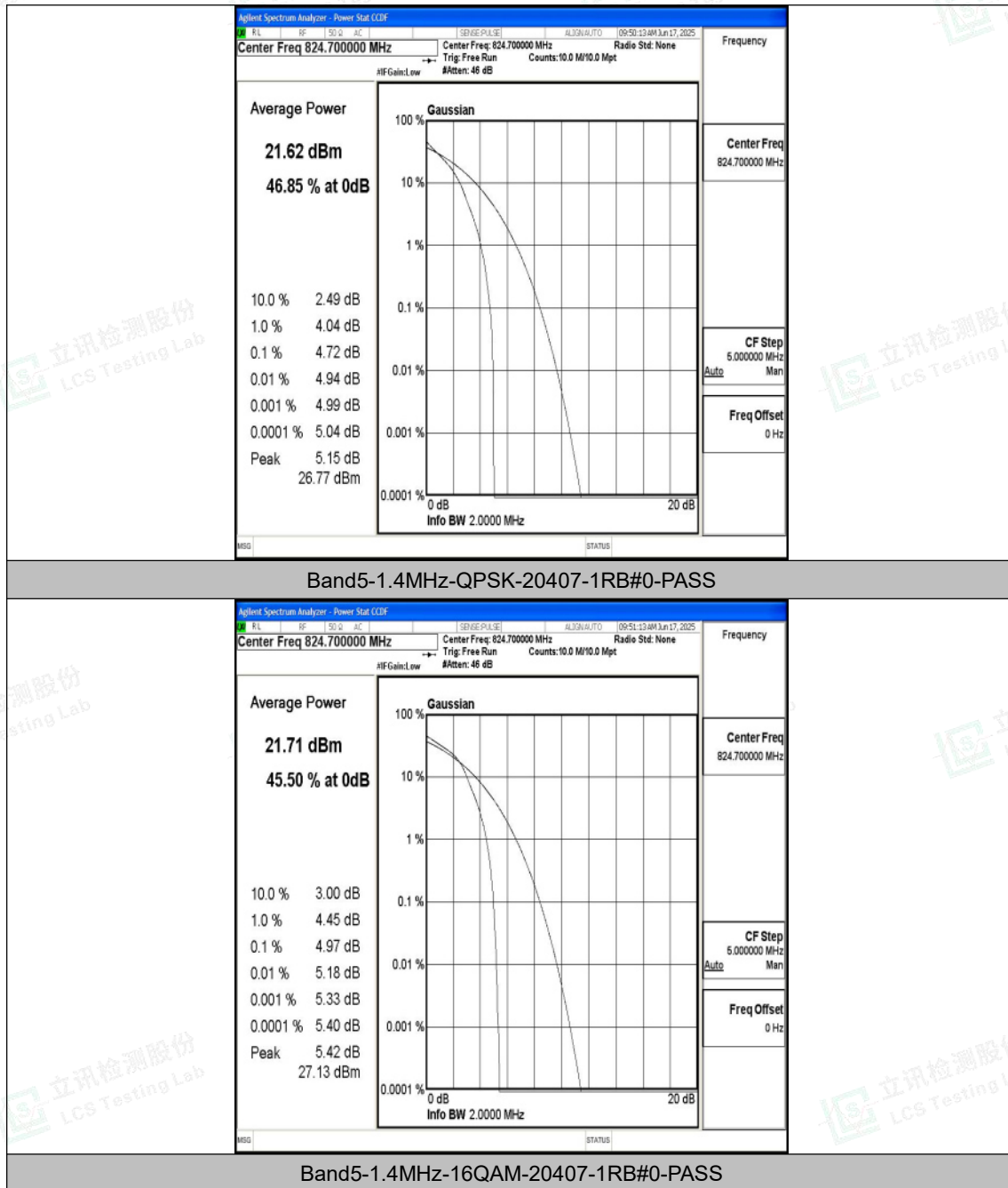
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Test Graphs

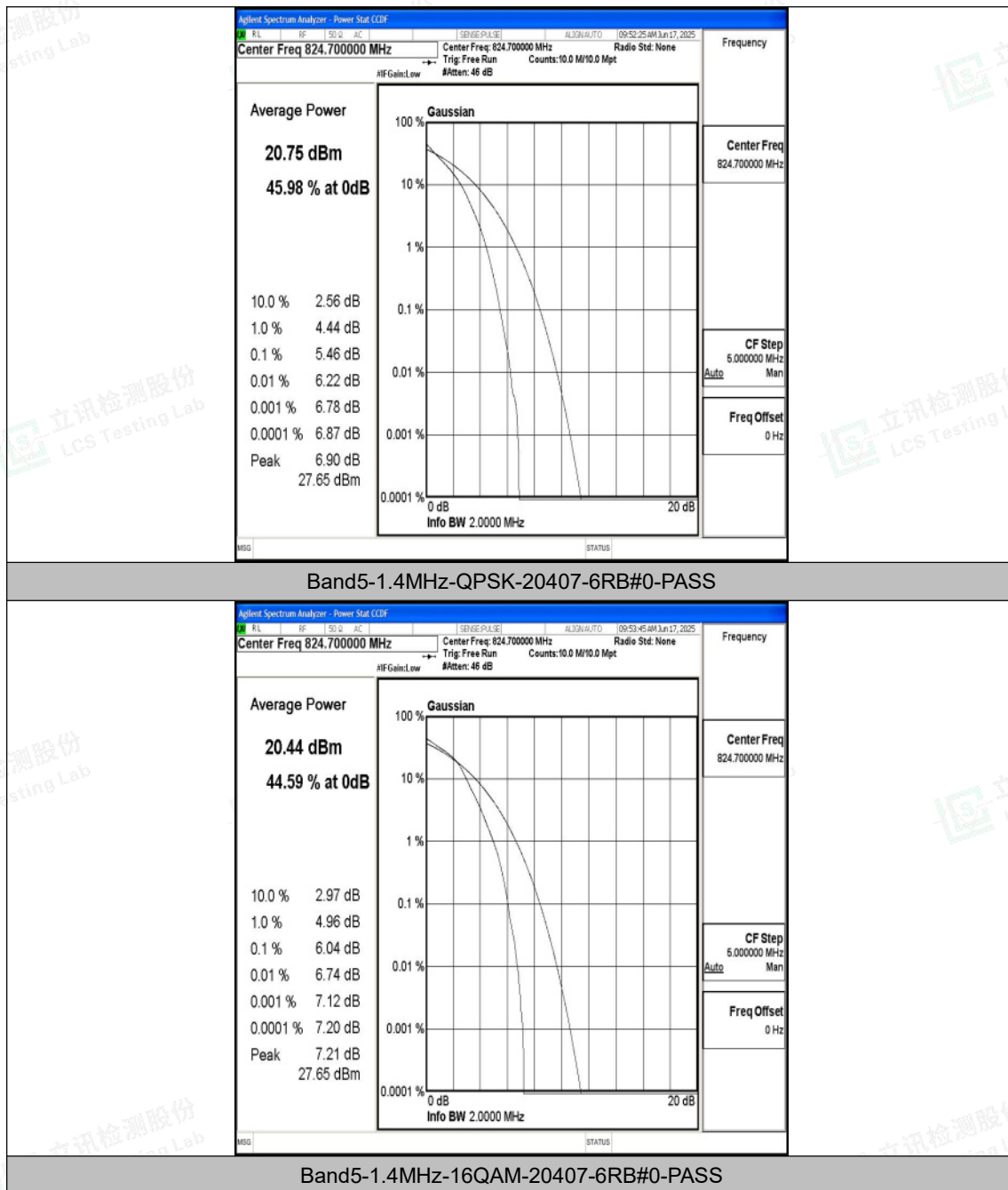


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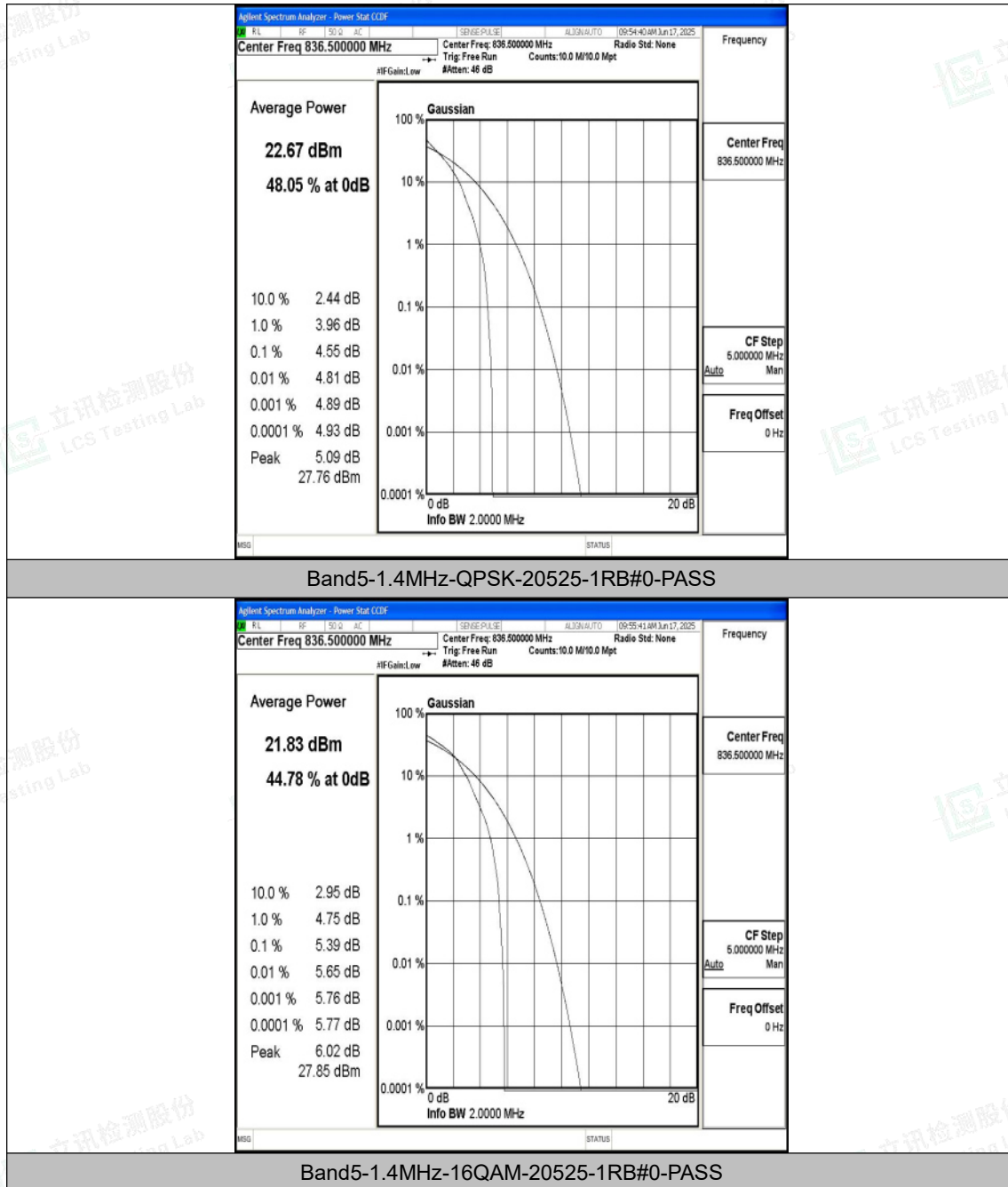


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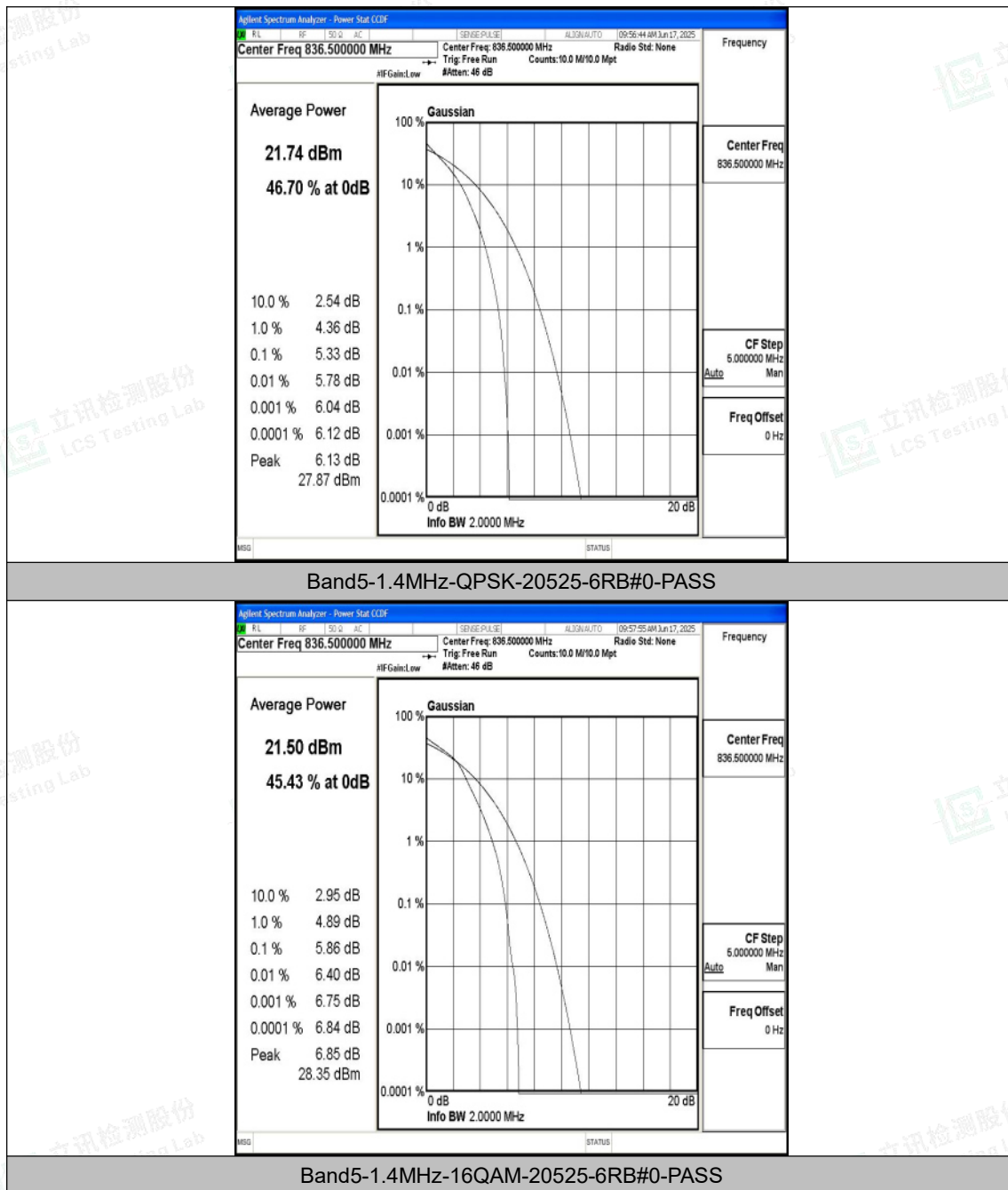


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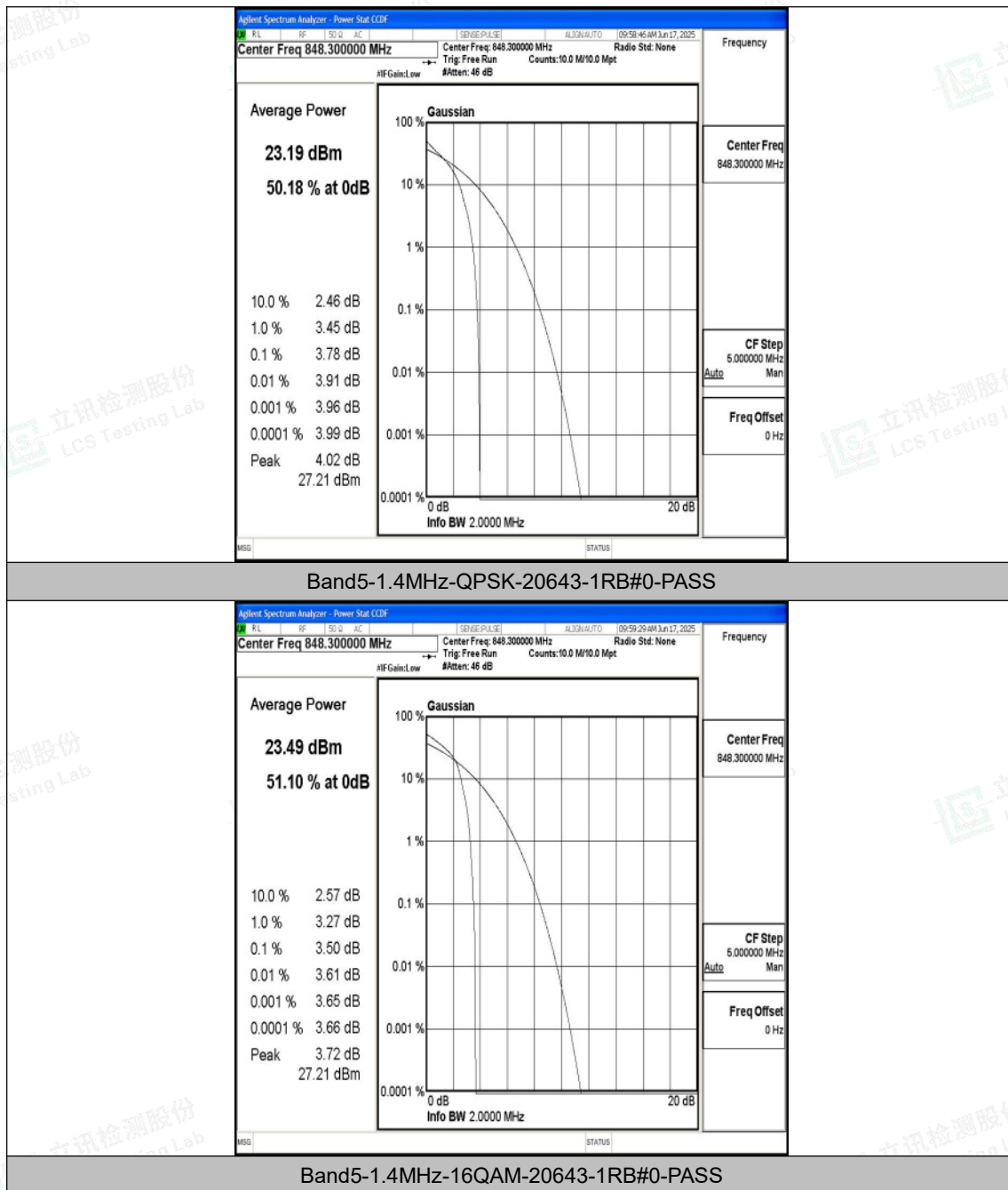


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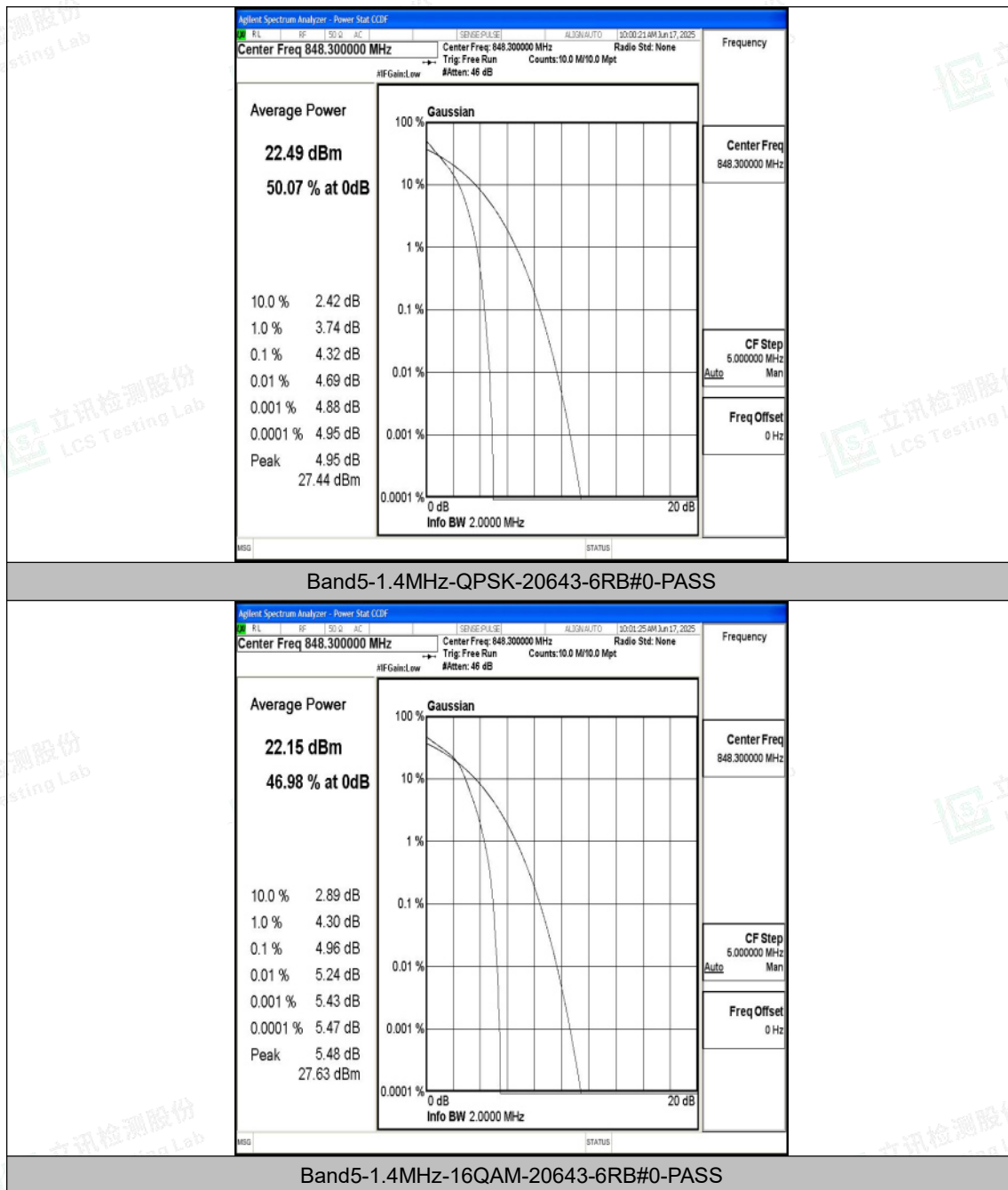


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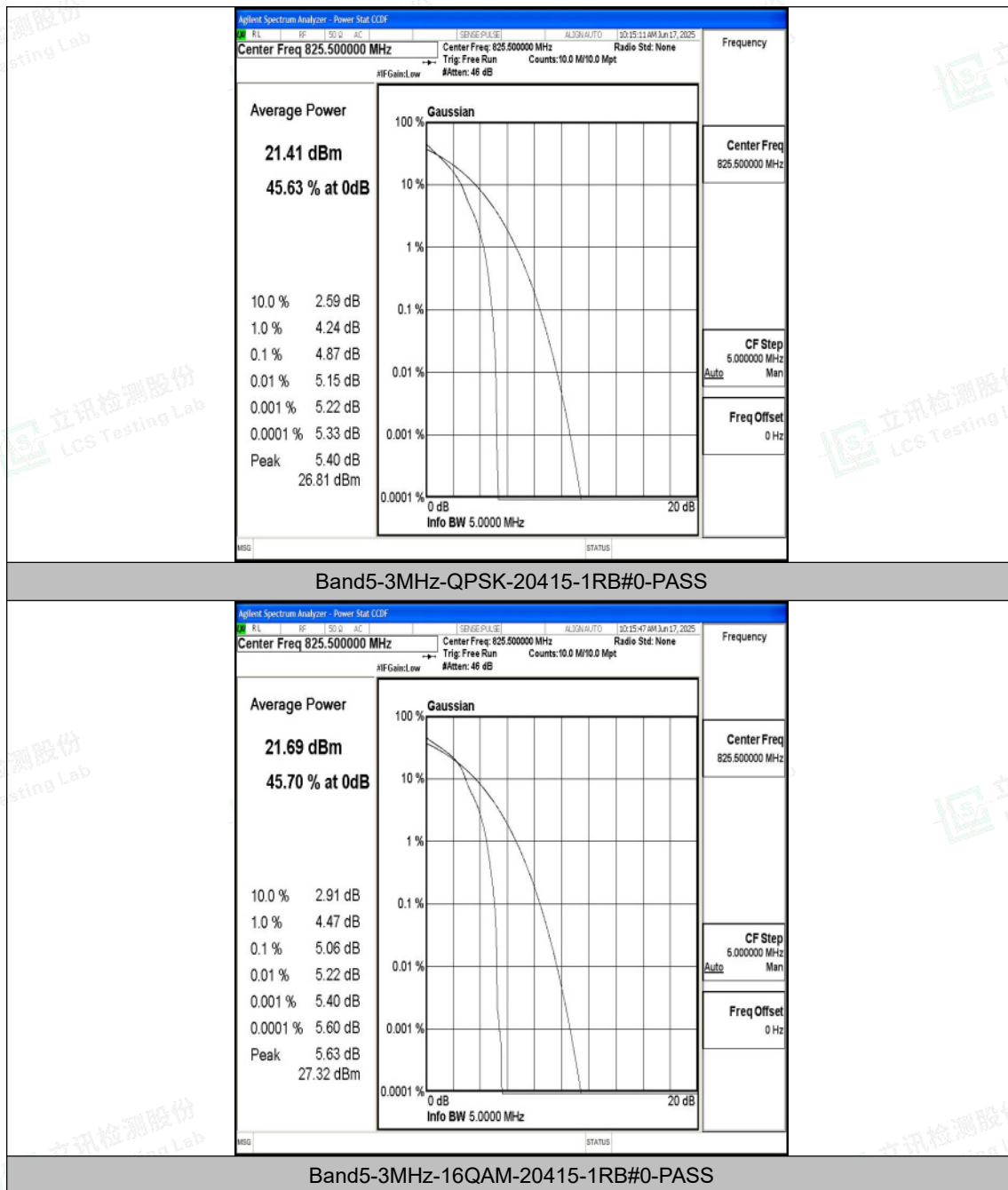


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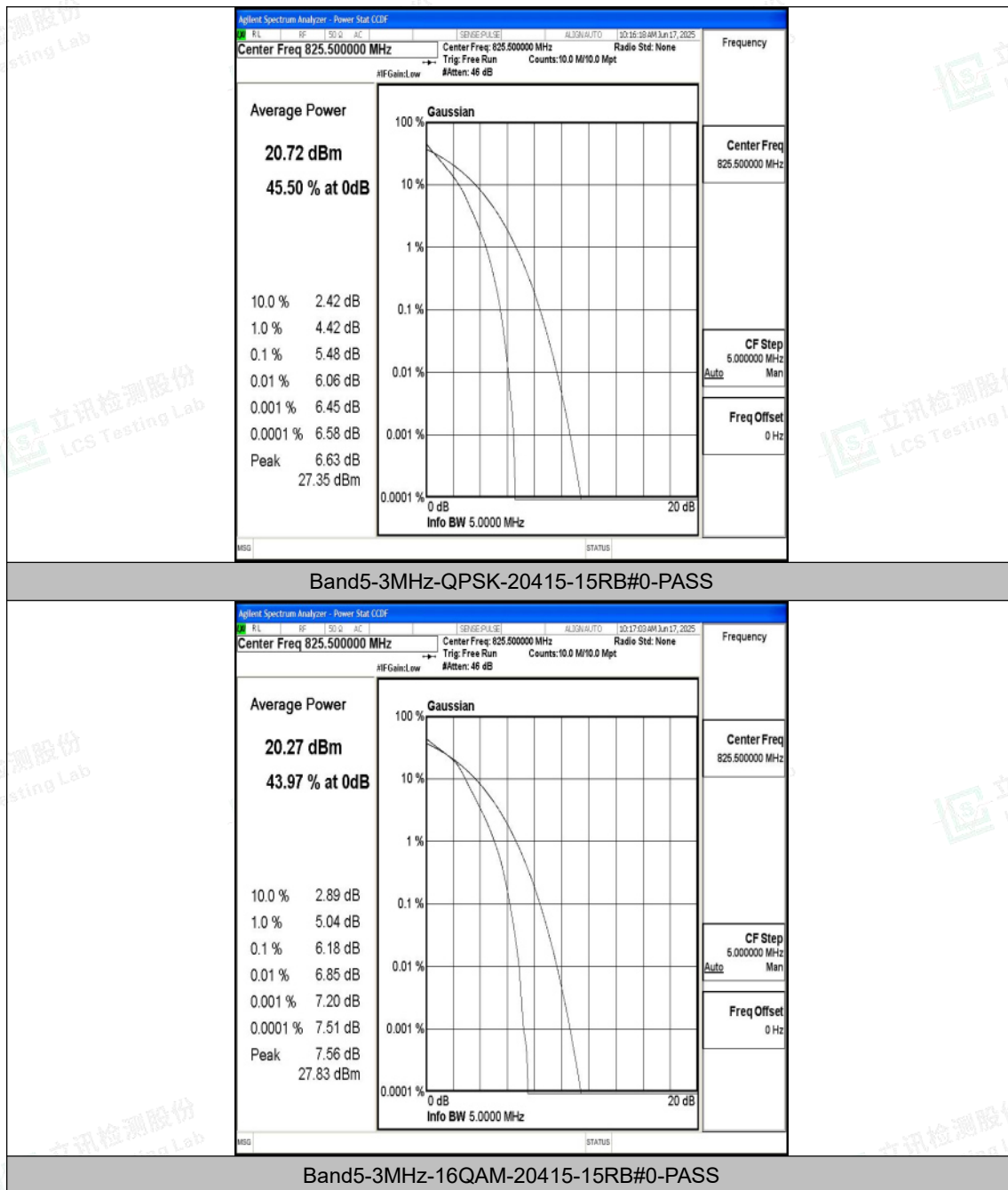


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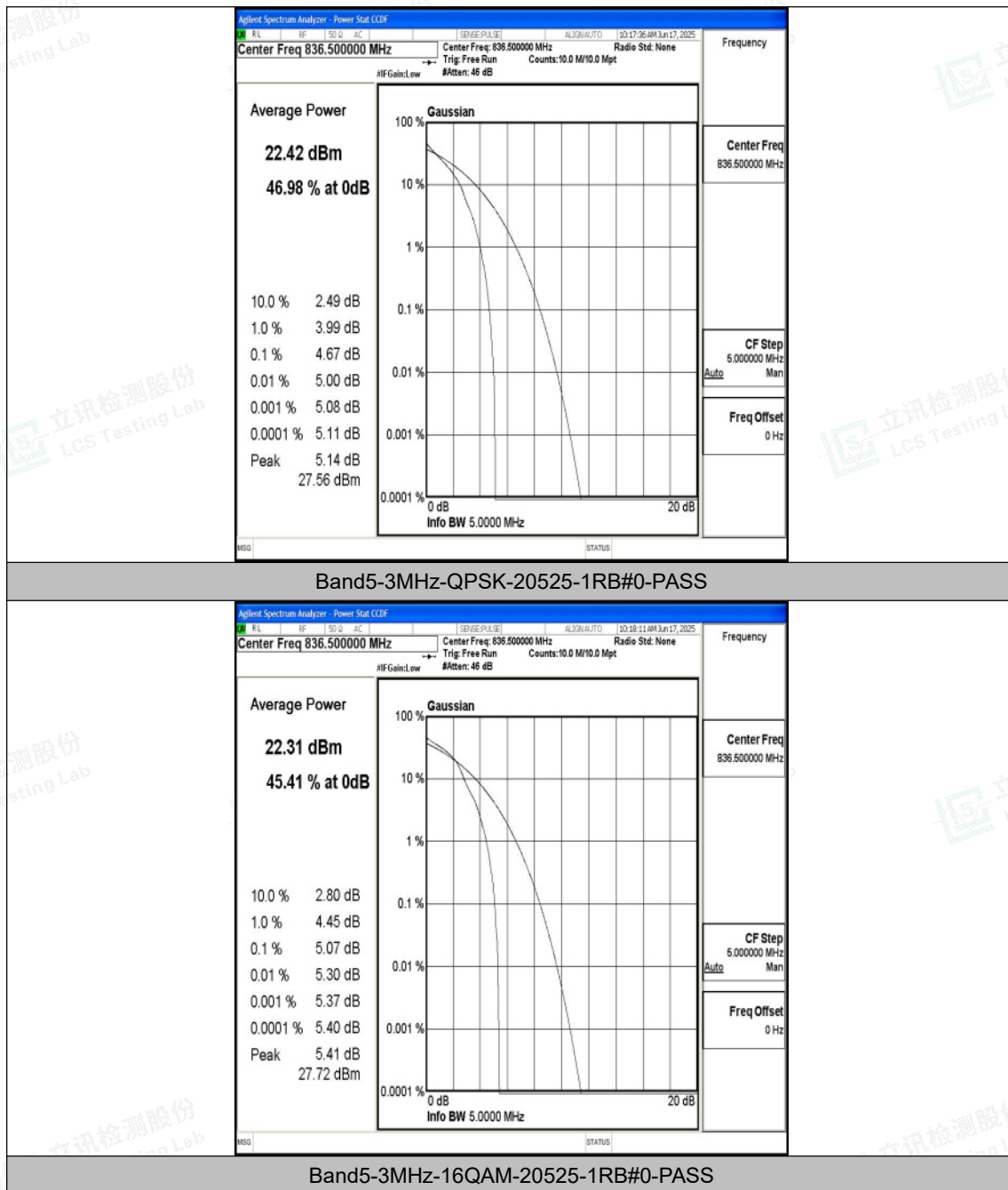


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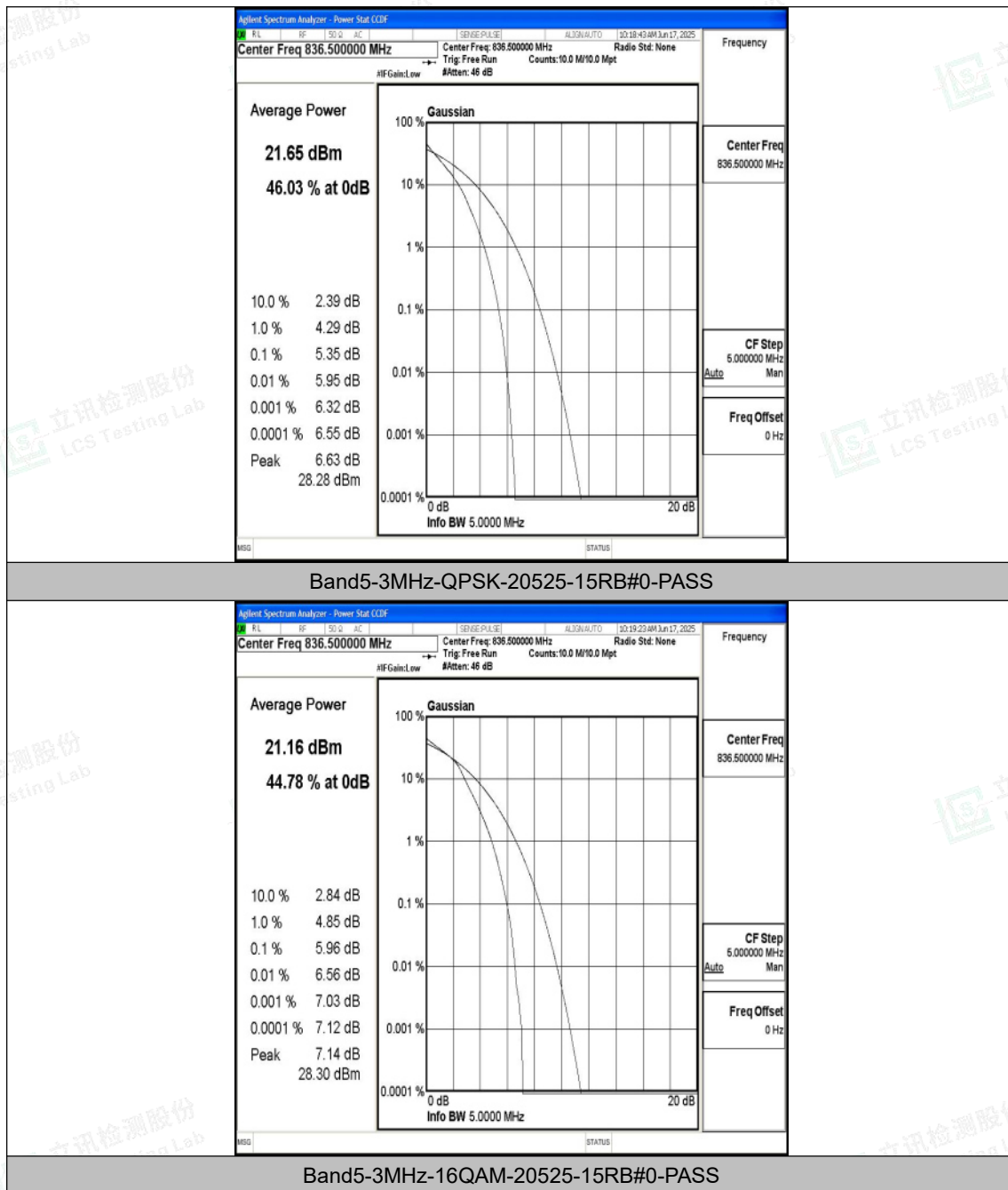


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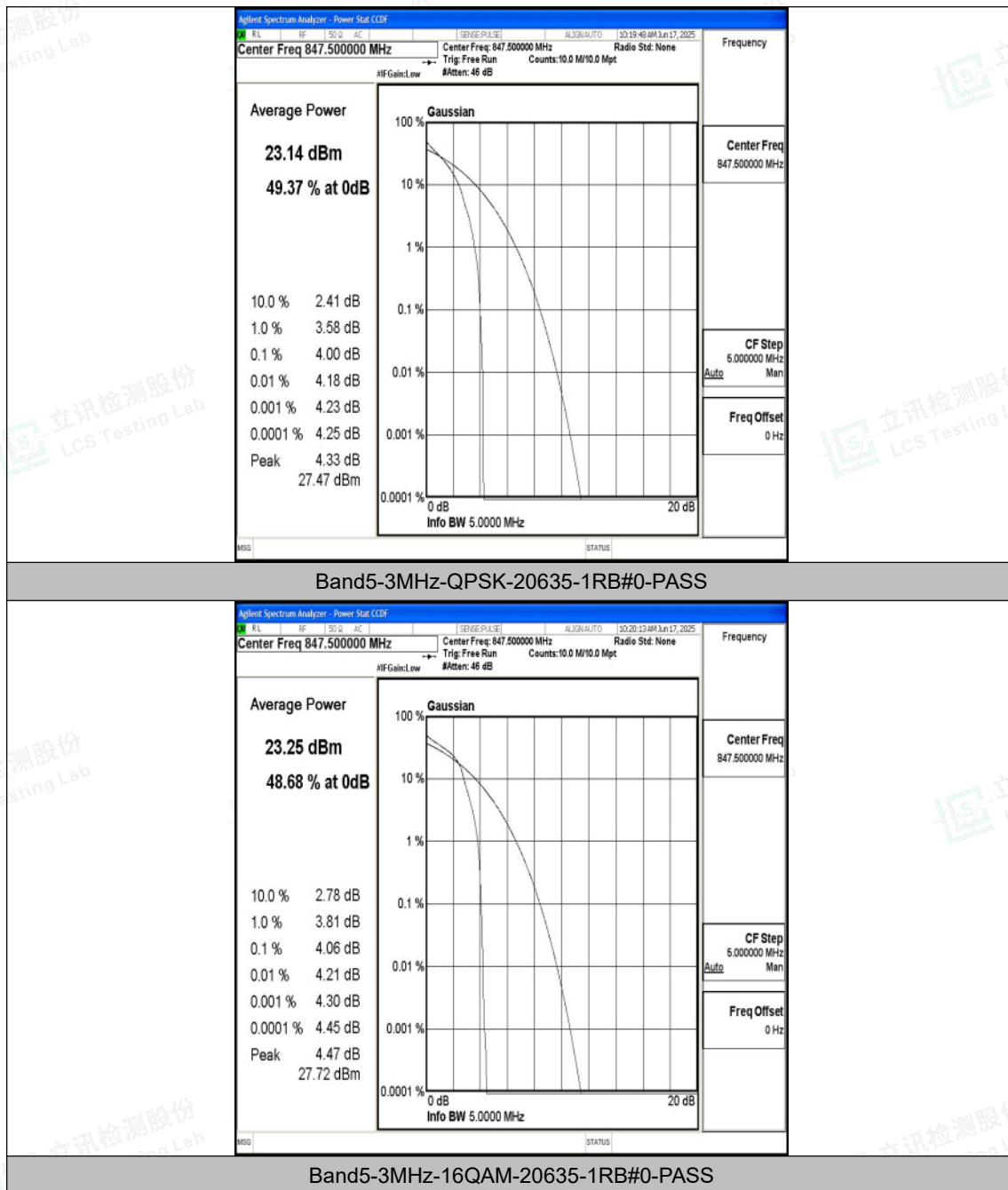


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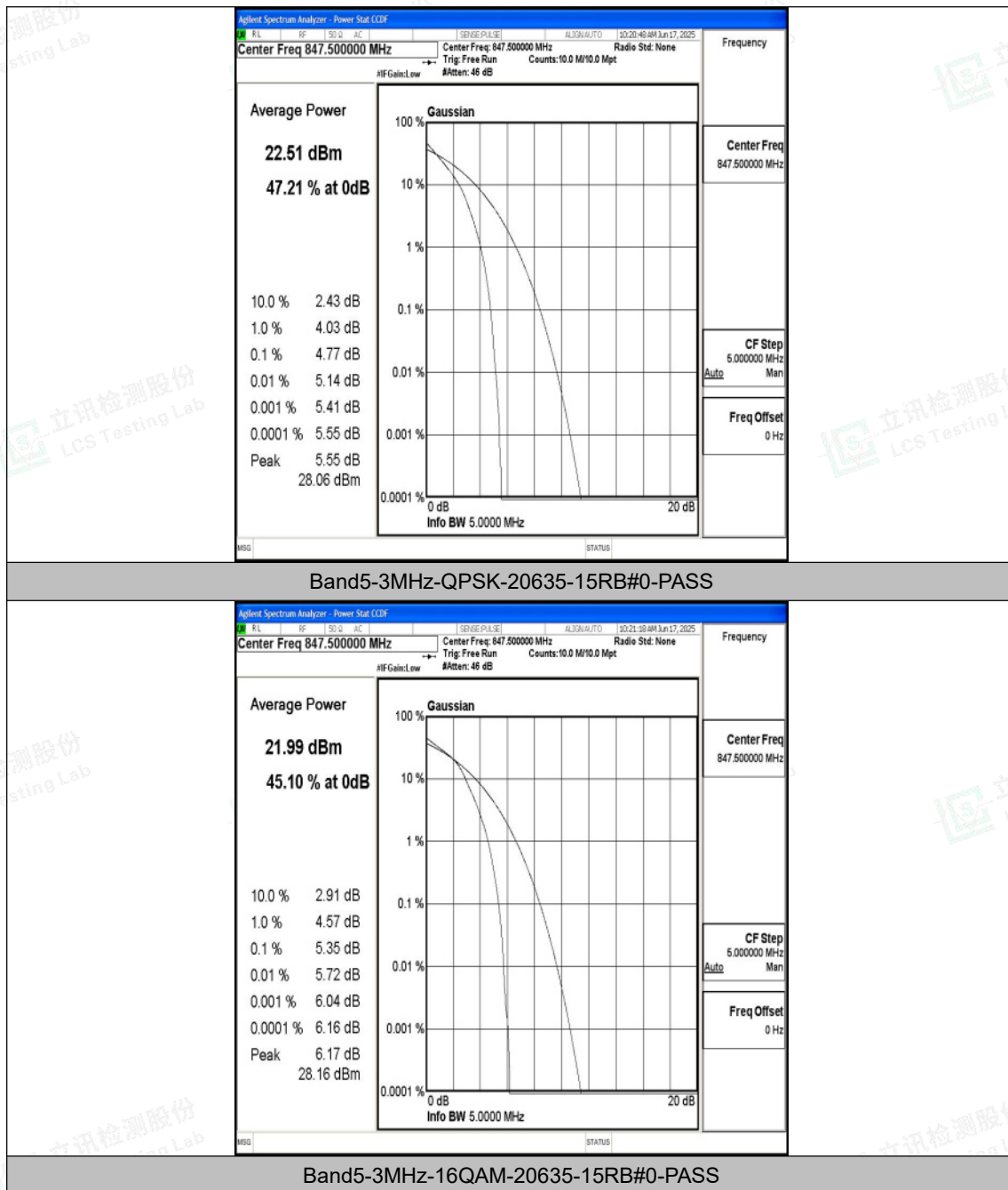


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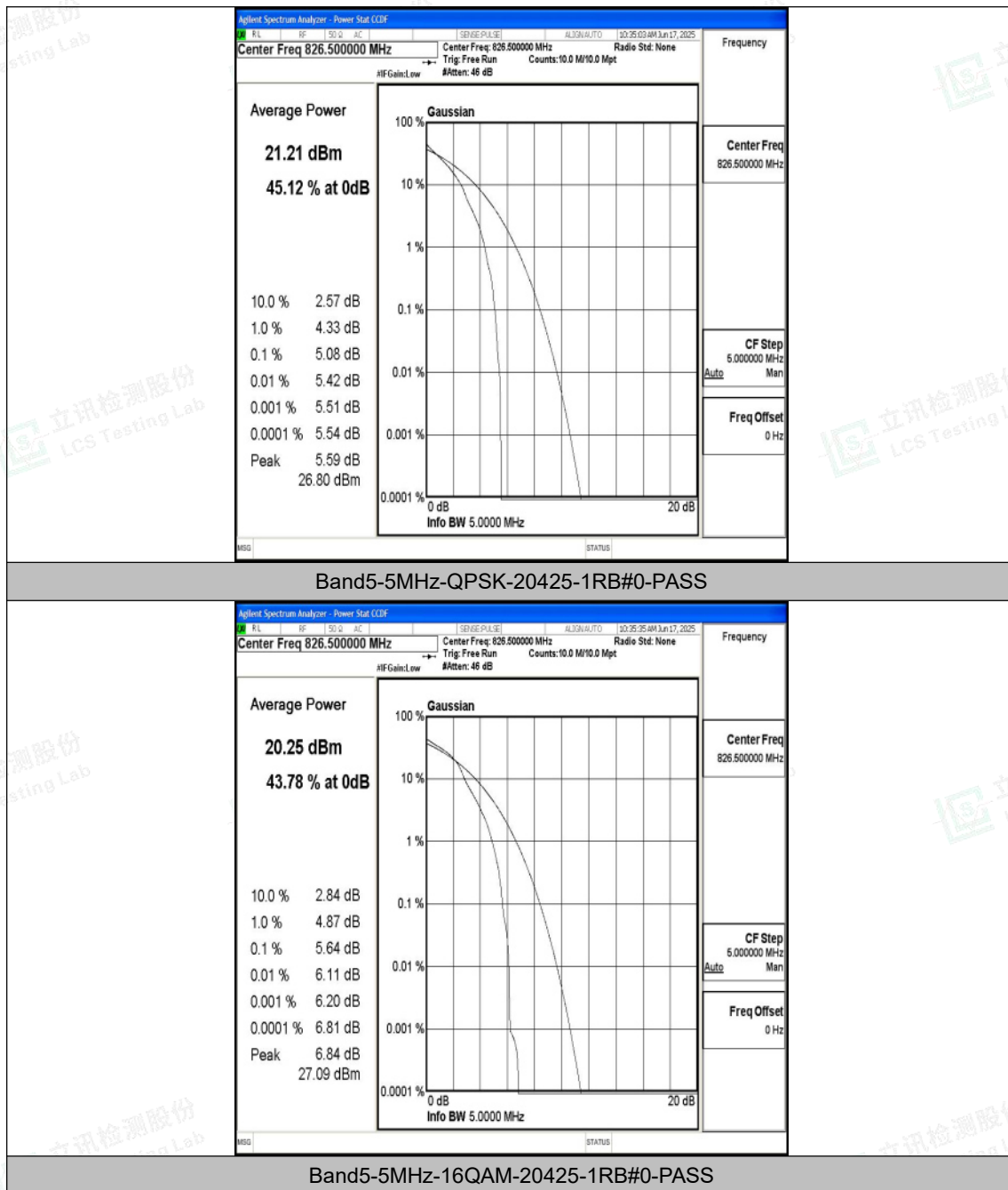


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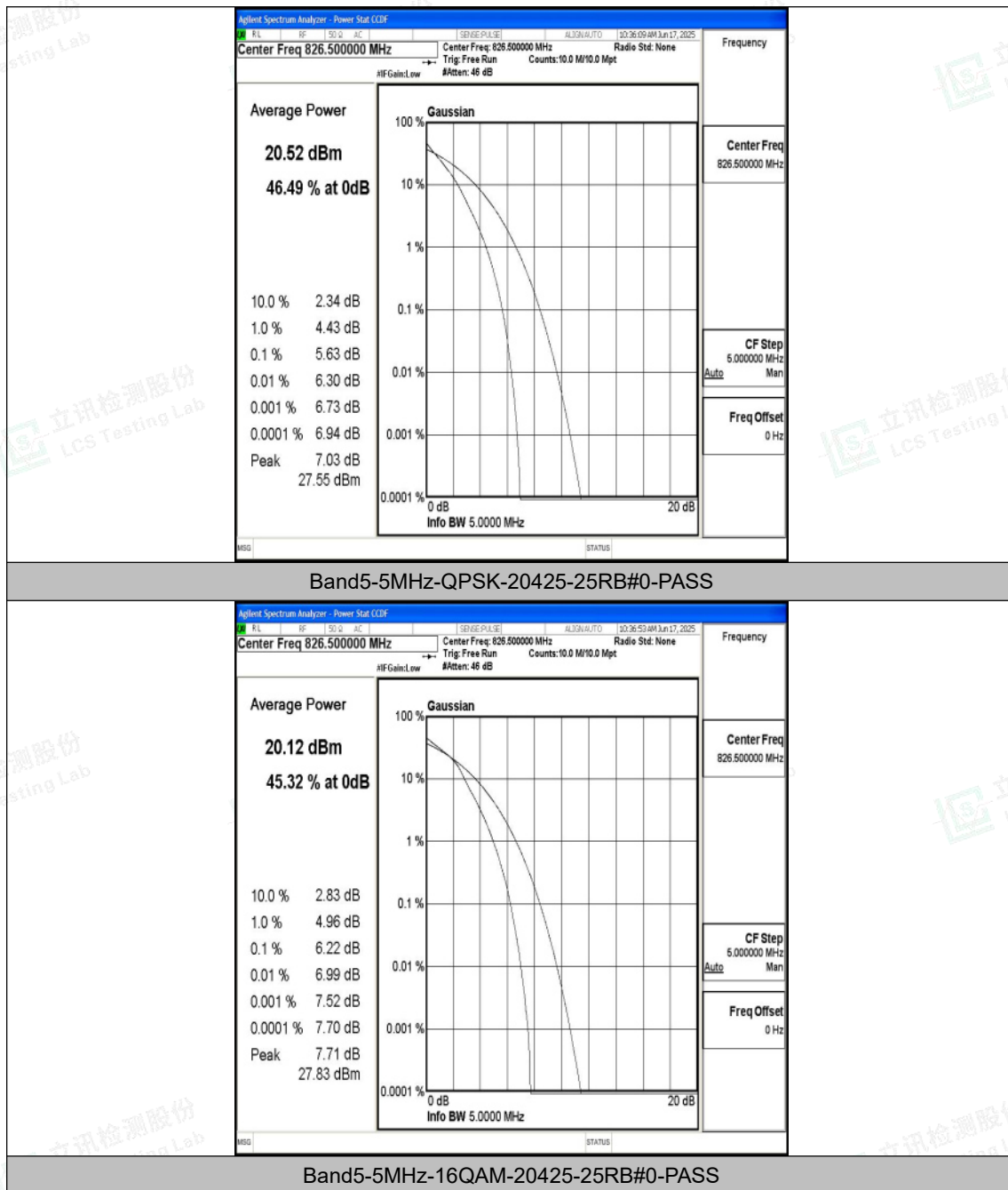


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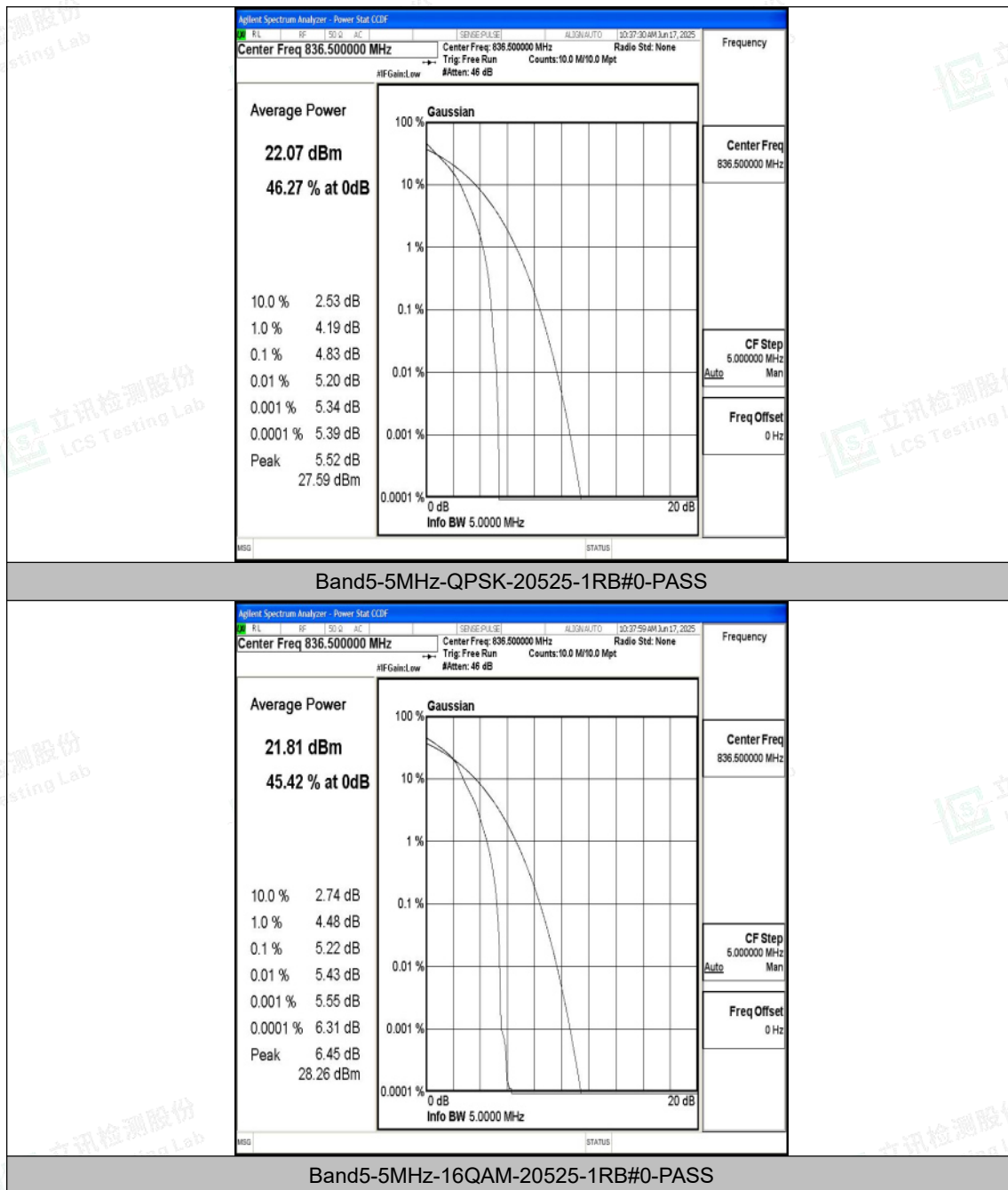


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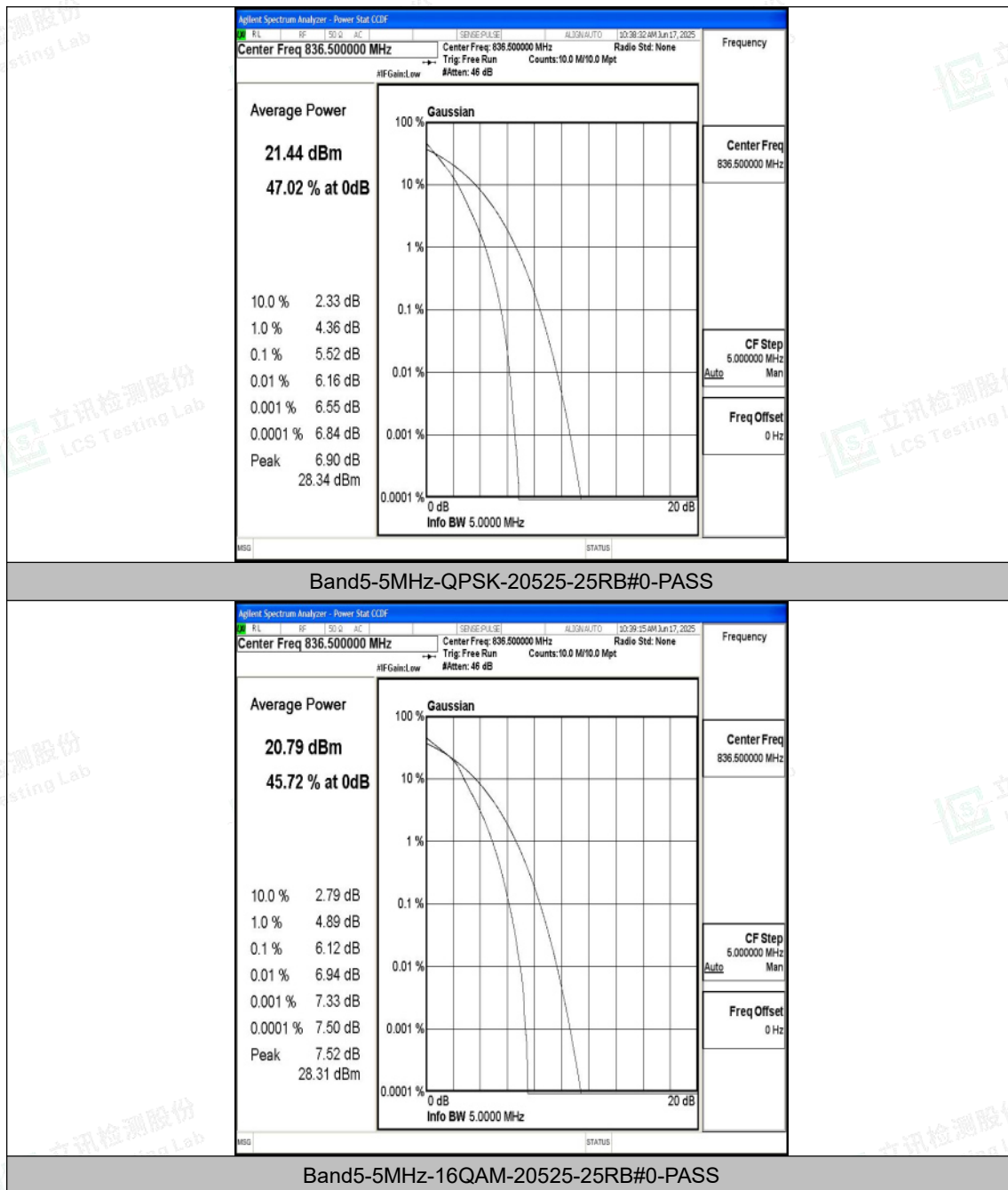


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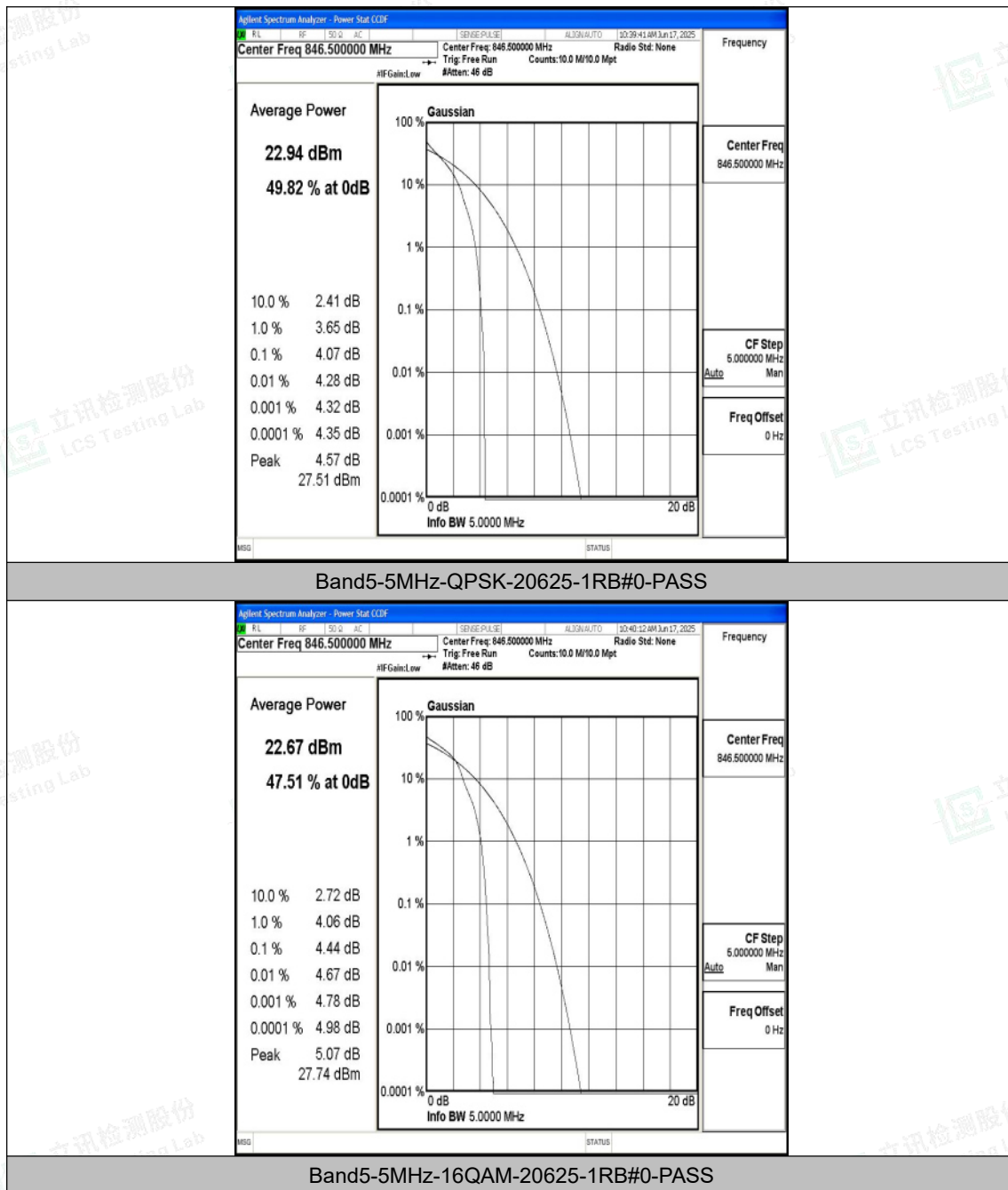


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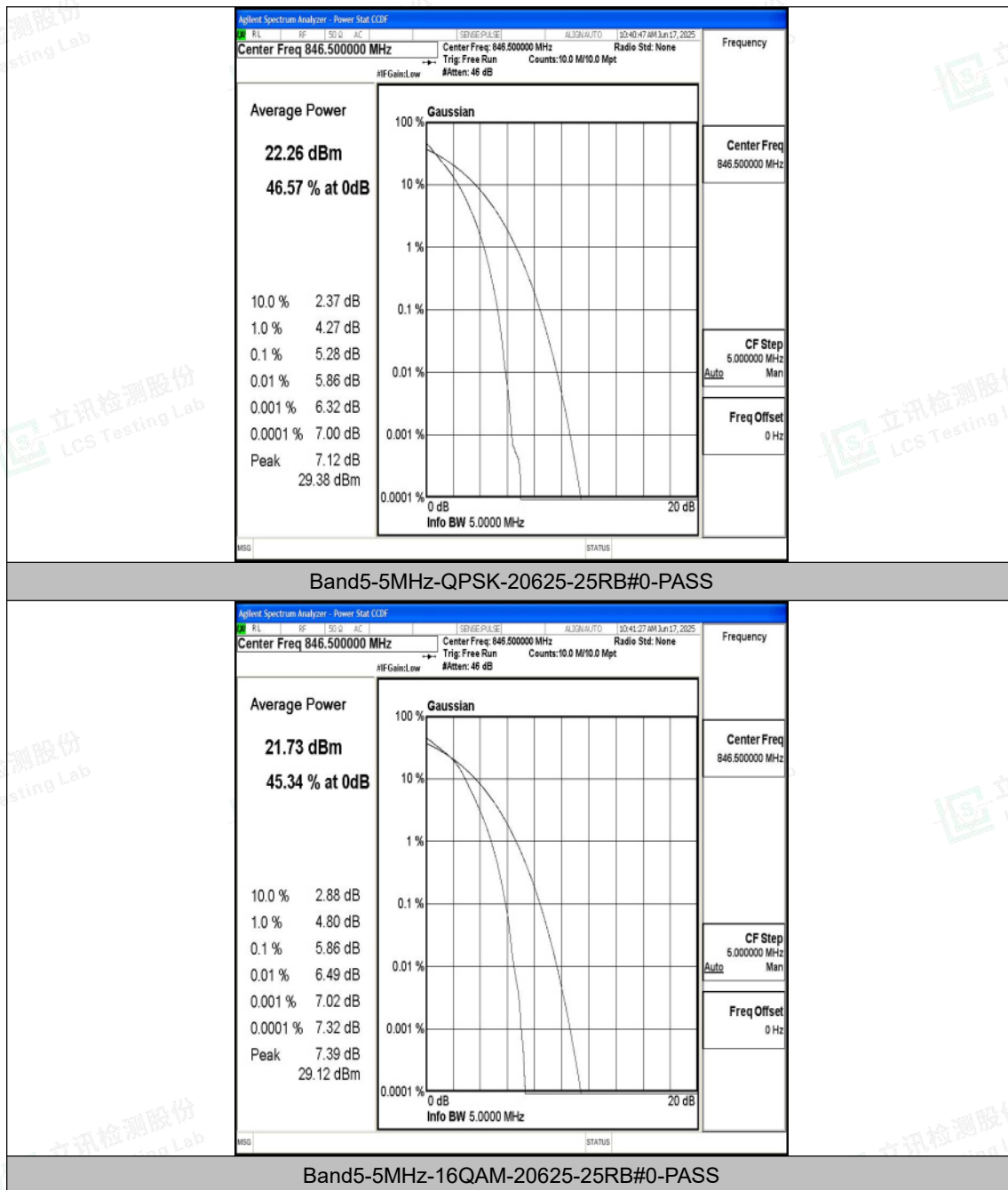


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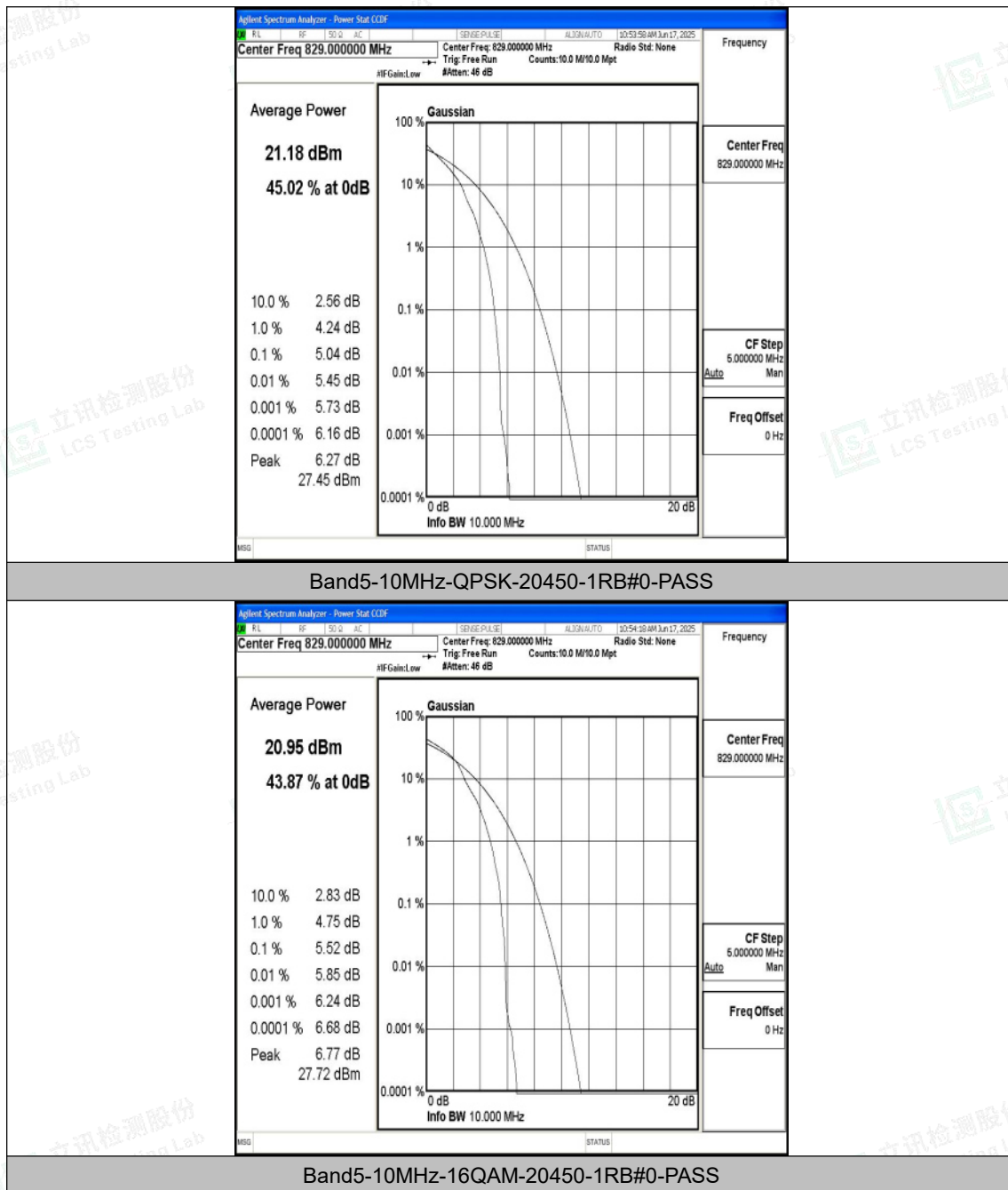


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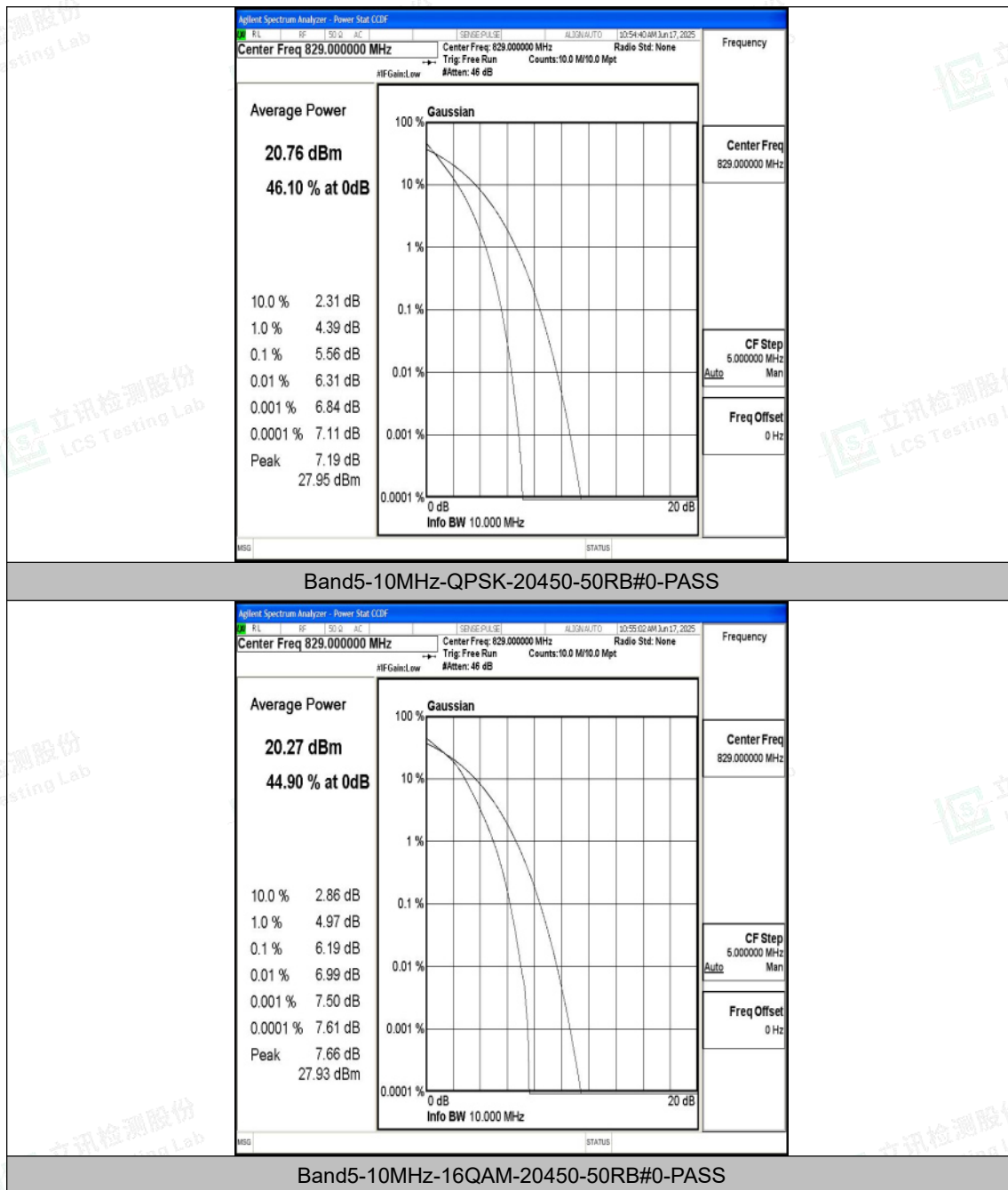


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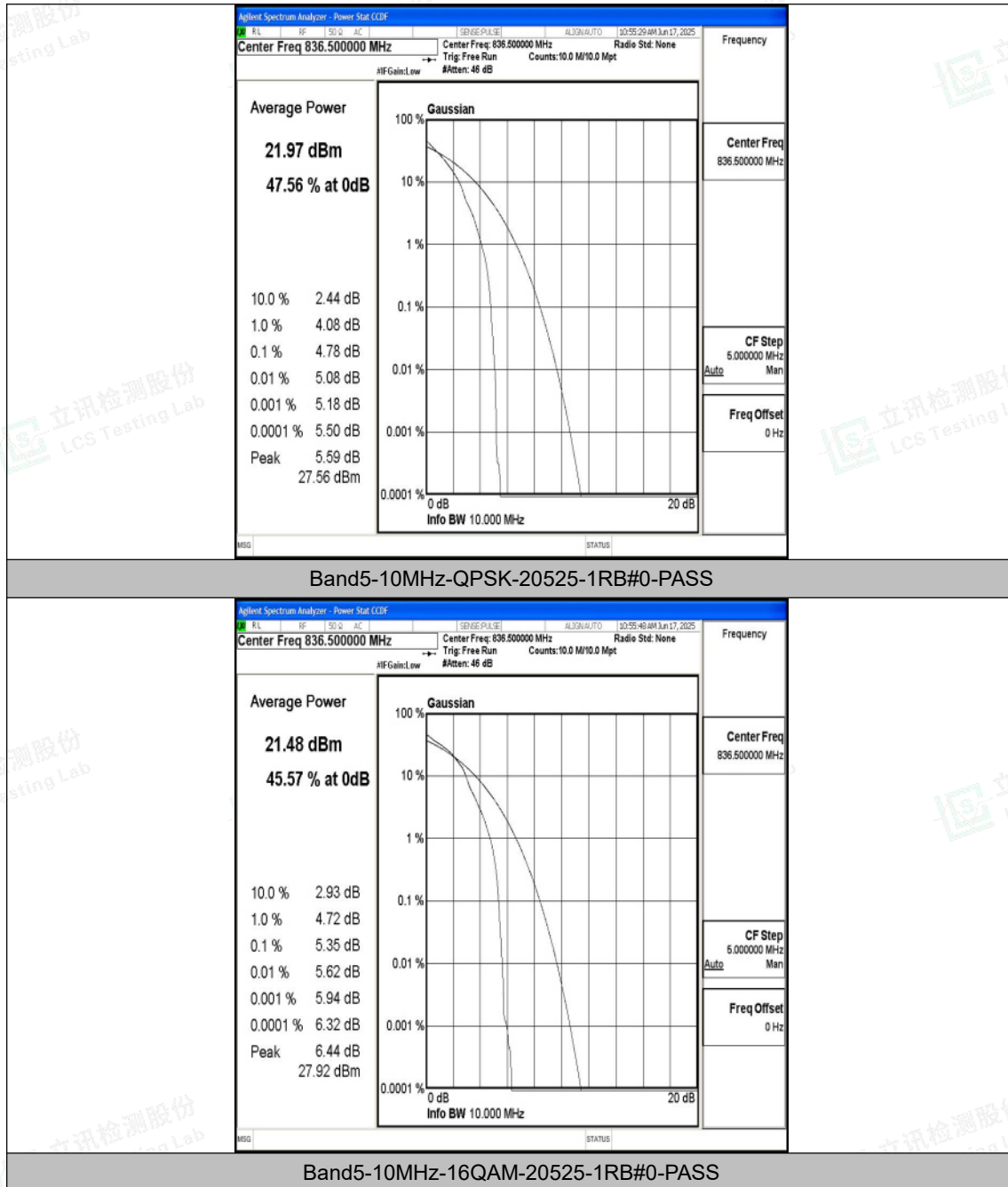


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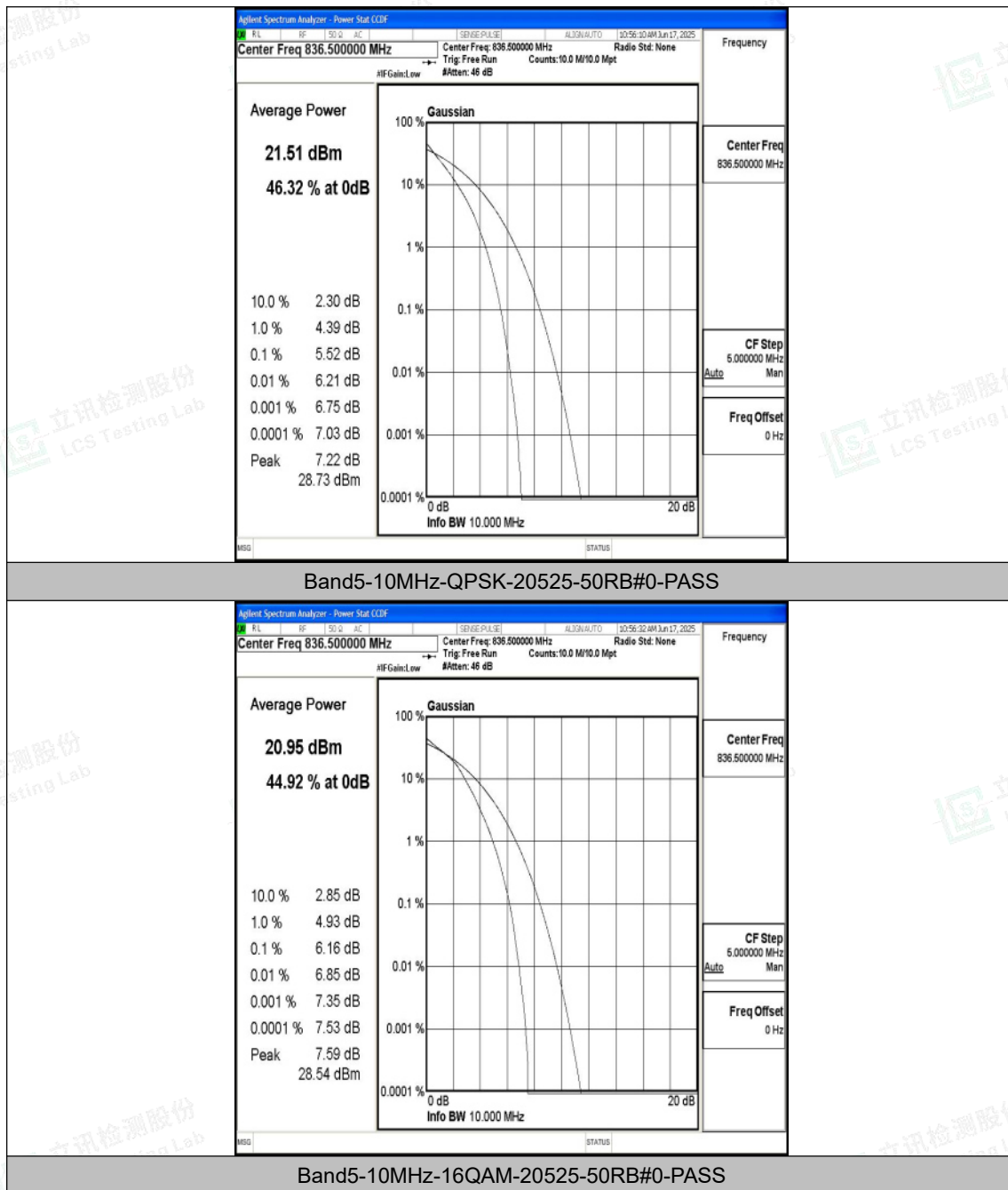


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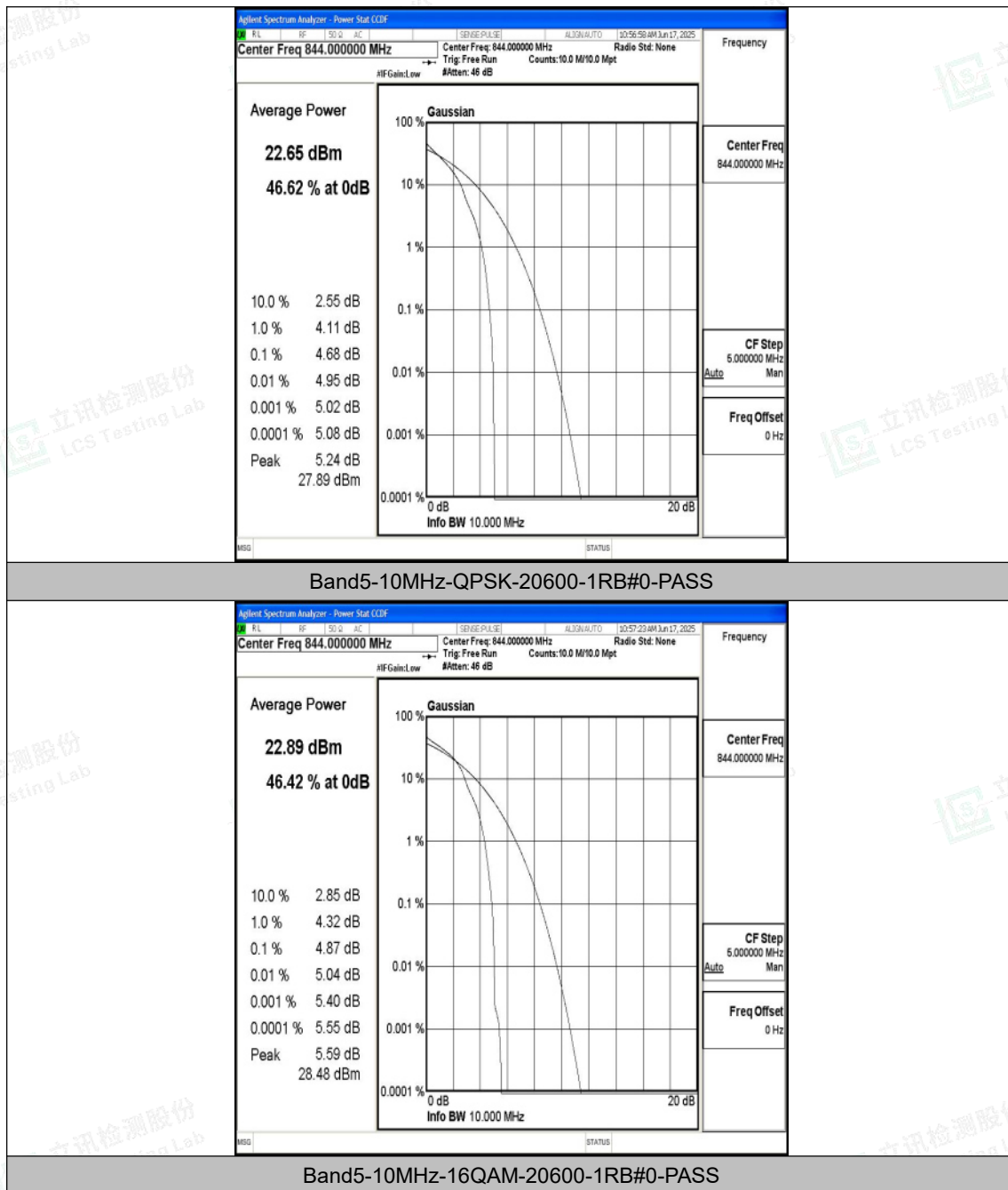


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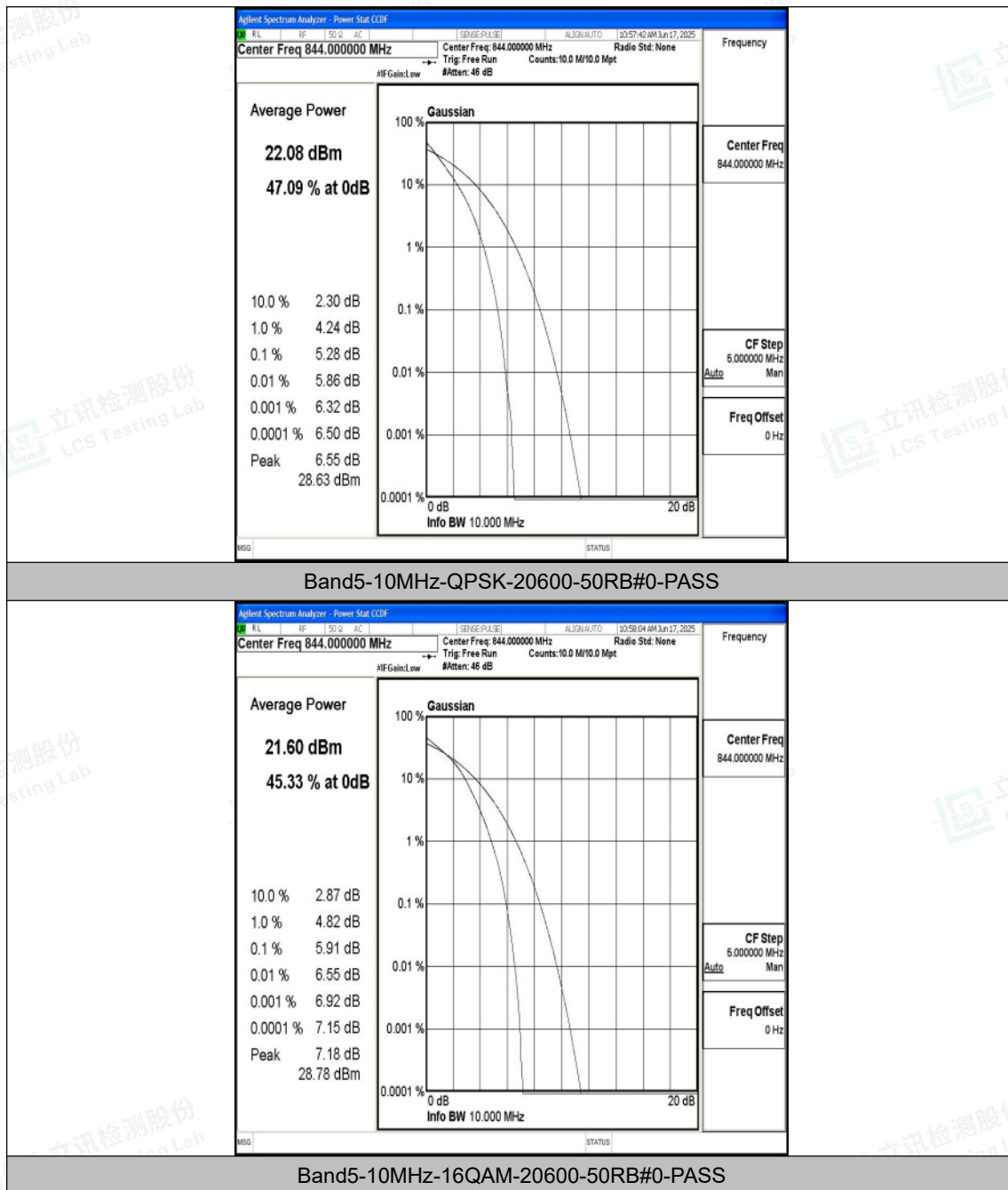


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D.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0958	1.288	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1080	1.261	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0953	1.303	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1070	1.366	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.1013	1.275	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0907	1.387	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7725	3.270	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7501	3.281	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7573	3.414	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7632	3.599	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7443	3.285	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7726	3.573	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5186	5.216	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5109	5.269	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5193	5.318	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5369	5.315	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5268	5.311	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5450	5.361	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9806	9.978	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9907	10.07	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0195	10.25	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9979	10.52	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9671	10.07	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9887	9.914	PASS



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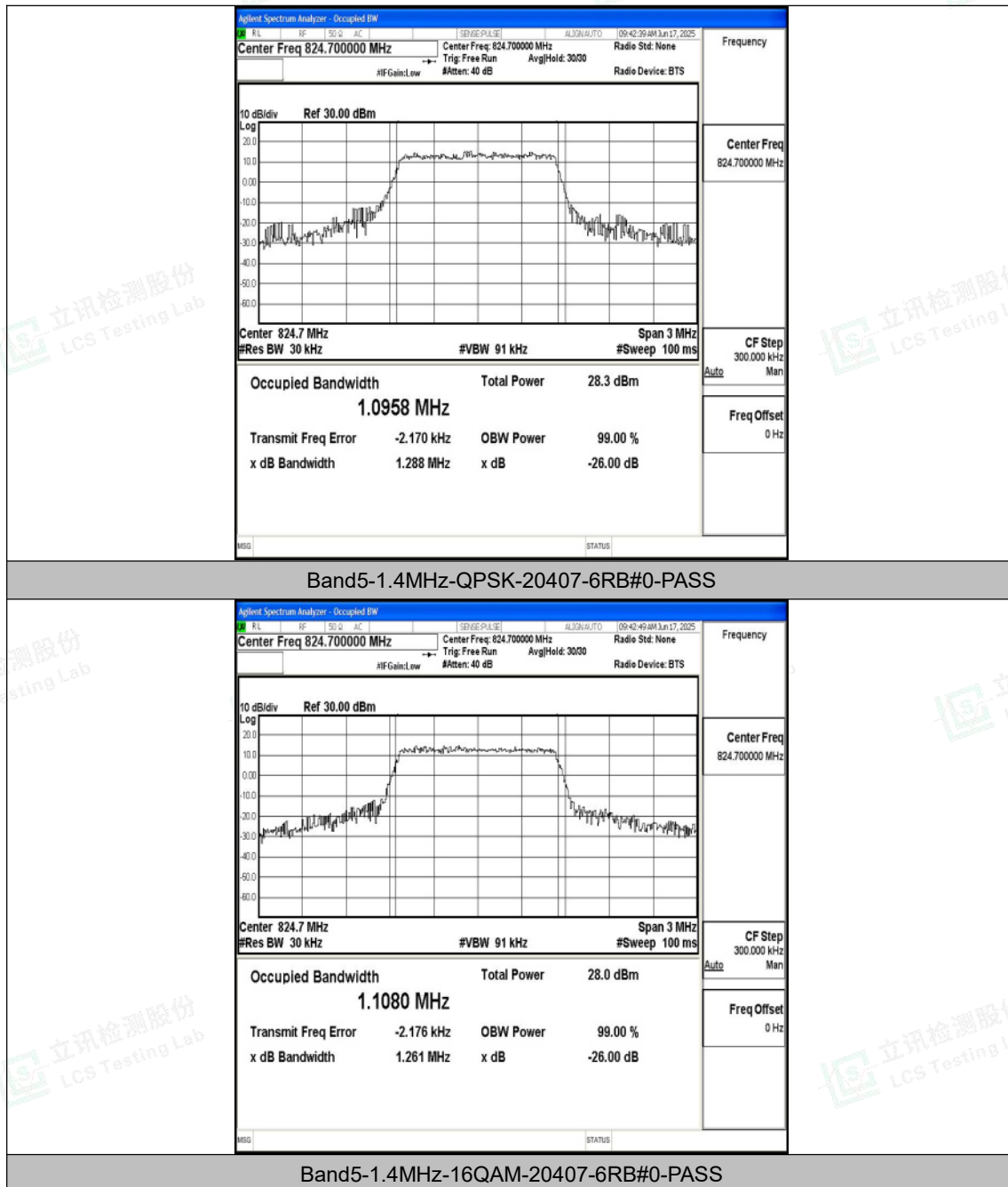
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Test Graphs

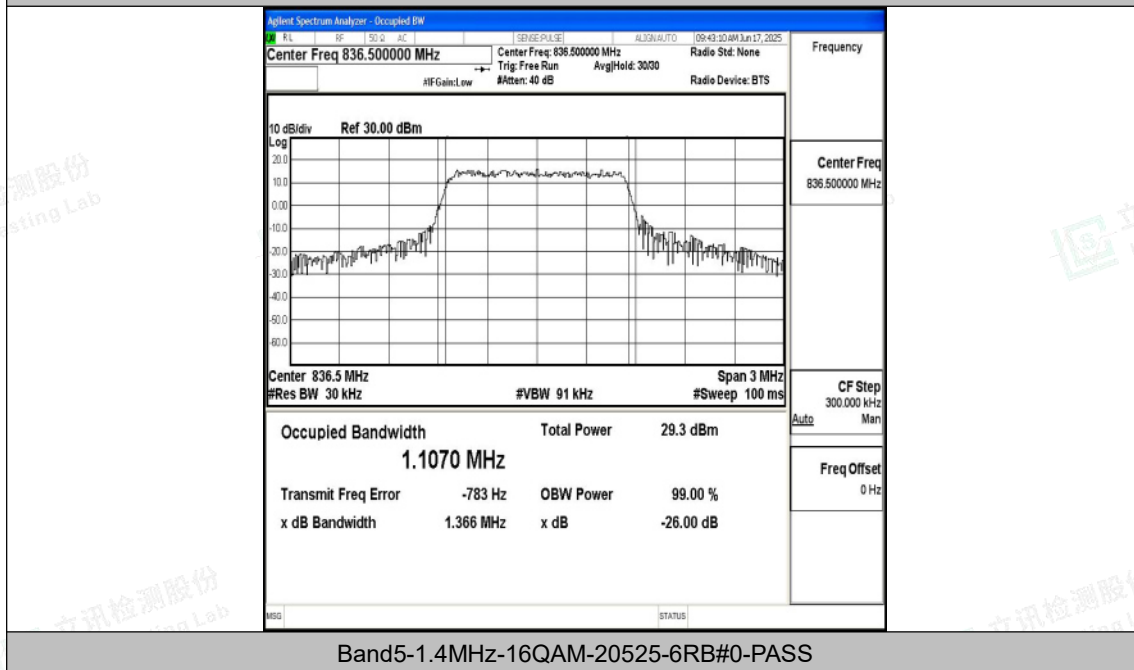
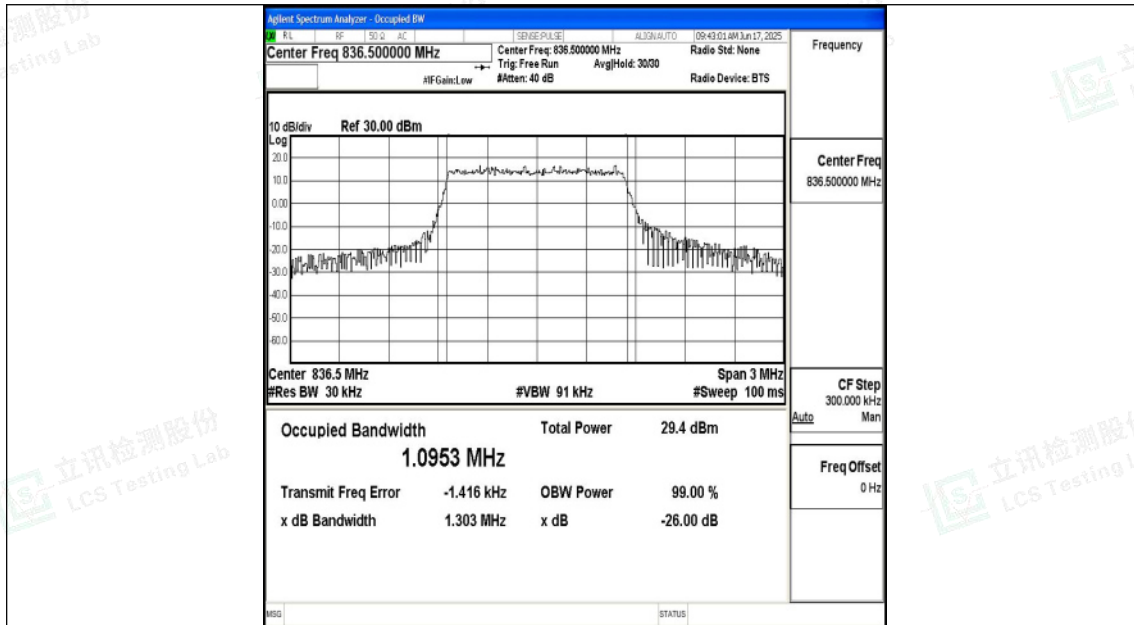


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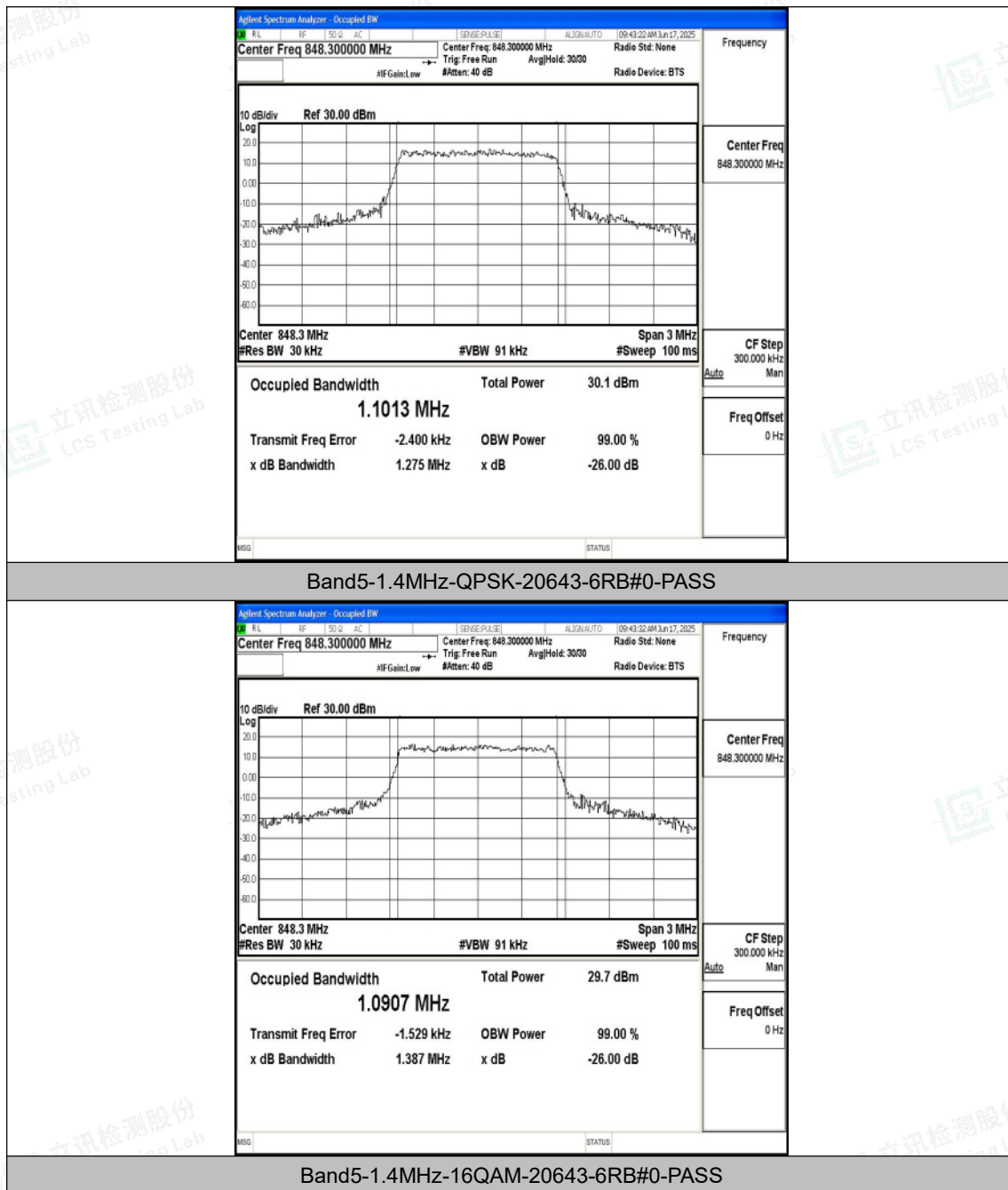


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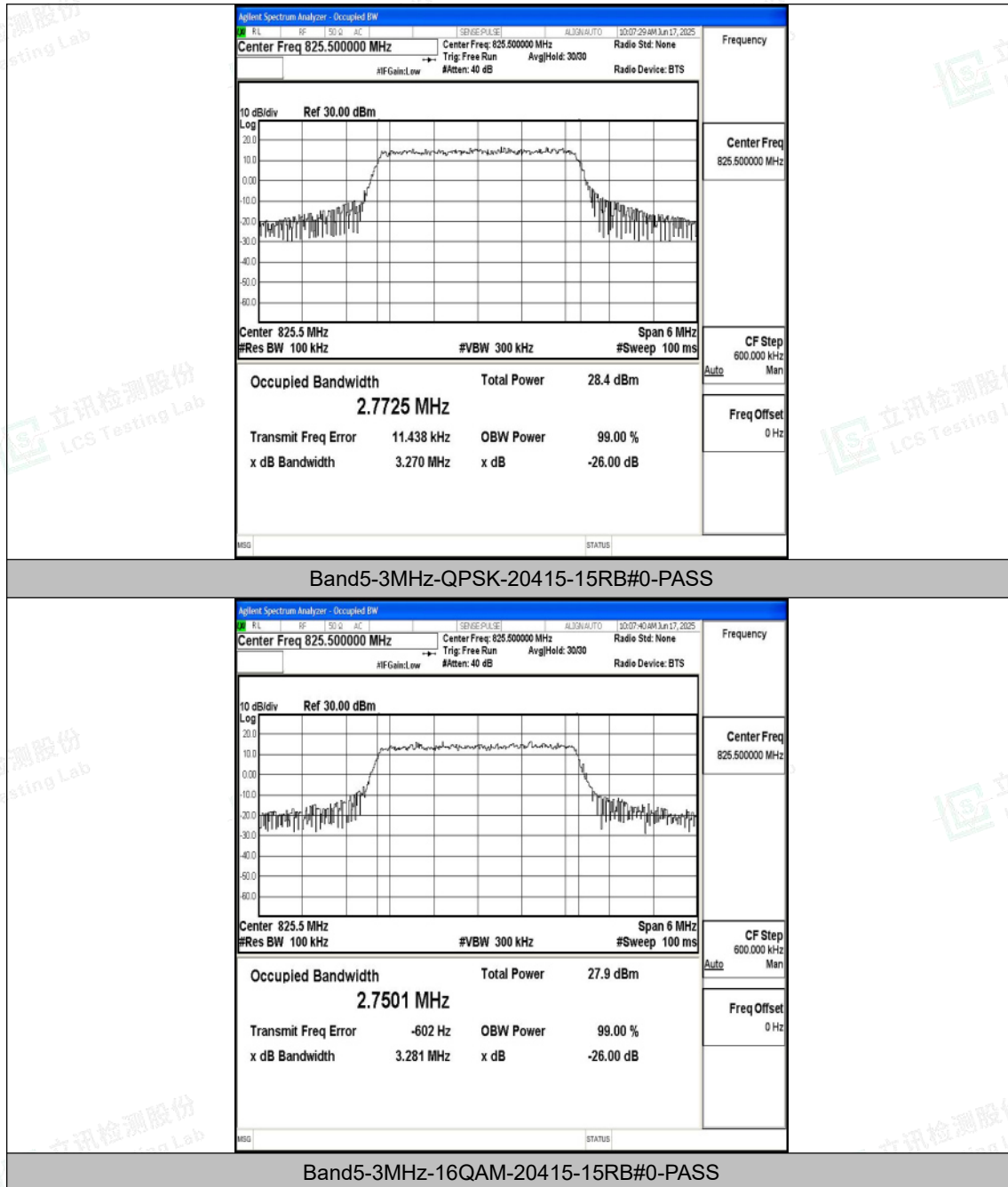


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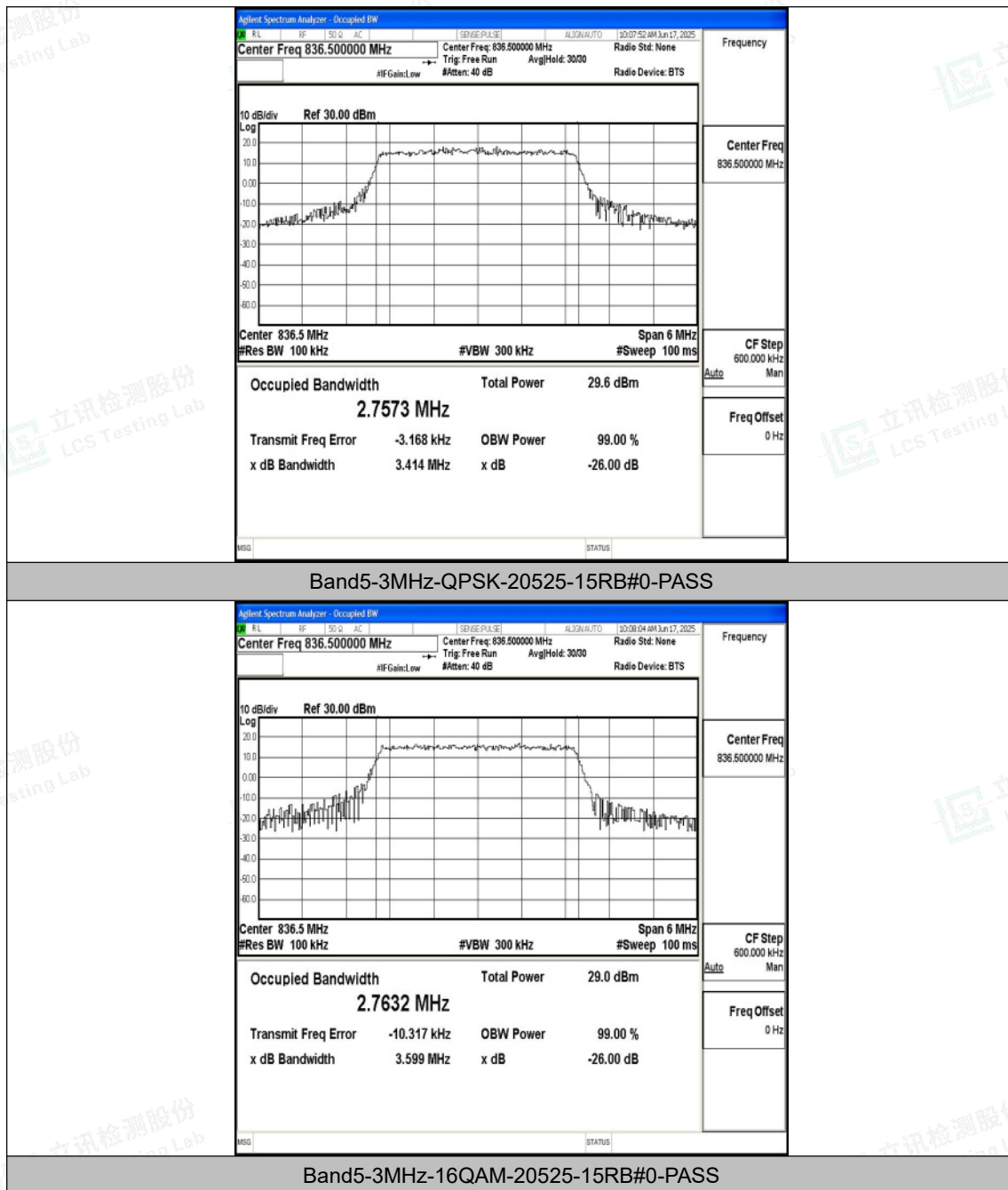


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