



Appendix J: Test Data for E-UTRA Band 26-814-824MHz

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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J.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
26(814-824)	1.4MHz	QPSK	26697	1RB#0	24.1	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#0	23.81	PASS
26(814-824)	1.4MHz	QPSK	26697	1RB#2	24.06	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#2	24.18	PASS
26(814-824)	1.4MHz	QPSK	26697	1RB#5	24.11	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#5	24.17	PASS
26(814-824)	1.4MHz	QPSK	26697	3RB#0	24.22	PASS
26(814-824)	1.4MHz	16QAM	26697	3RB#0	24.2	PASS
26(814-824)	1.4MHz	QPSK	26697	3RB#1	24.22	PASS
26(814-824)	1.4MHz	16QAM	26697	3RB#1	24.21	PASS
26(814-824)	1.4MHz	QPSK	26697	3RB#3	24.18	PASS
26(814-824)	1.4MHz	16QAM	26697	3RB#3	24.13	PASS
26(814-824)	1.4MHz	QPSK	26697	6RB#0	24.42	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	23.98	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#0	24.22	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#0	24.37	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#2	24.25	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#2	23.67	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#5	24.57	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#5	23.64	PASS
26(814-824)	1.4MHz	QPSK	26740	3RB#0	24.21	PASS
26(814-824)	1.4MHz	16QAM	26740	3RB#0	24.23	PASS
26(814-824)	1.4MHz	QPSK	26740	3RB#1	24.21	PASS
26(814-824)	1.4MHz	16QAM	26740	3RB#1	24.23	PASS
26(814-824)	1.4MHz	QPSK	26740	3RB#3	24.09	PASS
26(814-824)	1.4MHz	16QAM	26740	3RB#3	24.3	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	24.47	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	23.87	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#0	24.17	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#0	23.82	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#2	24.17	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#2	24.19	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#5	23.98	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#5	23.98	PASS
26(814-824)	1.4MHz	QPSK	26783	3RB#0	24.28	PASS



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26(814-824)	1.4MHz	16QAM	26783	3RB#0	24.52	PASS
26(814-824)	1.4MHz	QPSK	26783	3RB#1	24.14	PASS
26(814-824)	1.4MHz	16QAM	26783	3RB#1	24.26	PASS
26(814-824)	1.4MHz	QPSK	26783	3RB#3	24.17	PASS
26(814-824)	1.4MHz	16QAM	26783	3RB#3	24.34	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	24.51	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	23.65	PASS
26(814-824)	3MHz	QPSK	26705	1RB#0	24.01	PASS
26(814-824)	3MHz	16QAM	26705	1RB#0	24.21	PASS
26(814-824)	3MHz	QPSK	26705	1RB#8	23.83	PASS
26(814-824)	3MHz	16QAM	26705	1RB#8	24.16	PASS
26(814-824)	3MHz	QPSK	26705	1RB#14	23.99	PASS
26(814-824)	3MHz	16QAM	26705	1RB#14	24.07	PASS
26(814-824)	3MHz	QPSK	26705	8RB#0	24.13	PASS
26(814-824)	3MHz	16QAM	26705	8RB#0	23.56	PASS
26(814-824)	3MHz	QPSK	26705	8RB#4	24.14	PASS
26(814-824)	3MHz	16QAM	26705	8RB#4	23.54	PASS
26(814-824)	3MHz	QPSK	26705	8RB#7	24.22	PASS
26(814-824)	3MHz	16QAM	26705	8RB#7	23.68	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	24.21	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	23.84	PASS
26(814-824)	3MHz	QPSK	26740	1RB#0	23.98	PASS
26(814-824)	3MHz	16QAM	26740	1RB#0	24.02	PASS
26(814-824)	3MHz	QPSK	26740	1RB#8	24	PASS
26(814-824)	3MHz	16QAM	26740	1RB#8	24.35	PASS
26(814-824)	3MHz	QPSK	26740	1RB#14	24.3	PASS
26(814-824)	3MHz	16QAM	26740	1RB#14	24.3	PASS
26(814-824)	3MHz	QPSK	26740	8RB#0	24.12	PASS
26(814-824)	3MHz	16QAM	26740	8RB#0	23.74	PASS
26(814-824)	3MHz	QPSK	26740	8RB#4	24.1	PASS
26(814-824)	3MHz	16QAM	26740	8RB#4	23.75	PASS
26(814-824)	3MHz	QPSK	26740	8RB#7	24.05	PASS
26(814-824)	3MHz	16QAM	26740	8RB#7	23.67	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	24.12	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	24.12	PASS
26(814-824)	3MHz	QPSK	26775	1RB#0	23.97	PASS
26(814-824)	3MHz	16QAM	26775	1RB#0	23.57	PASS
26(814-824)	3MHz	QPSK	26775	1RB#8	23.97	PASS
26(814-824)	3MHz	16QAM	26775	1RB#8	23.62	PASS
26(814-824)	3MHz	QPSK	26775	1RB#14	23.74	PASS



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26(814-824)	3MHz	16QAM	26775	1RB#14	23.79	PASS
26(814-824)	3MHz	QPSK	26775	8RB#0	24.04	PASS
26(814-824)	3MHz	16QAM	26775	8RB#0	23.62	PASS
26(814-824)	3MHz	QPSK	26775	8RB#4	24.06	PASS
26(814-824)	3MHz	16QAM	26775	8RB#4	24.52	PASS
26(814-824)	3MHz	QPSK	26775	8RB#7	24.1	PASS
26(814-824)	3MHz	16QAM	26775	8RB#7	23.72	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	24.14	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	23.63	PASS
26(814-824)	5MHz	QPSK	26715	1RB#0	23.91	PASS
26(814-824)	5MHz	16QAM	26715	1RB#0	23.69	PASS
26(814-824)	5MHz	QPSK	26715	1RB#12	23.88	PASS
26(814-824)	5MHz	16QAM	26715	1RB#12	23.78	PASS
26(814-824)	5MHz	QPSK	26715	1RB#24	23.89	PASS
26(814-824)	5MHz	16QAM	26715	1RB#24	23.68	PASS
26(814-824)	5MHz	QPSK	26715	12RB#0	24.16	PASS
26(814-824)	5MHz	16QAM	26715	12RB#0	24.42	PASS
26(814-824)	5MHz	QPSK	26715	12RB#6	24.17	PASS
26(814-824)	5MHz	16QAM	26715	12RB#6	24.43	PASS
26(814-824)	5MHz	QPSK	26715	12RB#13	24.1	PASS
26(814-824)	5MHz	16QAM	26715	12RB#13	24.45	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	24.03	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	24.52	PASS
26(814-824)	5MHz	QPSK	26740	1RB#0	23.7	PASS
26(814-824)	5MHz	16QAM	26740	1RB#0	24.38	PASS
26(814-824)	5MHz	QPSK	26740	1RB#12	23.82	PASS
26(814-824)	5MHz	16QAM	26740	1RB#12	24.42	PASS
26(814-824)	5MHz	QPSK	26740	1RB#24	23.69	PASS
26(814-824)	5MHz	16QAM	26740	1RB#24	24.1	PASS
26(814-824)	5MHz	QPSK	26740	12RB#0	24.11	PASS
26(814-824)	5MHz	16QAM	26740	12RB#0	24.41	PASS
26(814-824)	5MHz	QPSK	26740	12RB#6	24.13	PASS
26(814-824)	5MHz	16QAM	26740	12RB#6	24.42	PASS
26(814-824)	5MHz	QPSK	26740	12RB#13	24.1	PASS
26(814-824)	5MHz	16QAM	26740	12RB#13	24.42	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	24.04	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	24.46	PASS
26(814-824)	5MHz	QPSK	26765	1RB#0	23.86	PASS
26(814-824)	5MHz	16QAM	26765	1RB#0	24.14	PASS
26(814-824)	5MHz	QPSK	26765	1RB#12	23.79	PASS



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26(814-824)	5MHz	16QAM	26765	1RB#12	24.4	PASS
26(814-824)	5MHz	QPSK	26765	1RB#24	24.34	PASS
26(814-824)	5MHz	16QAM	26765	1RB#24	24.48	PASS
26(814-824)	5MHz	QPSK	26765	12RB#0	24.08	PASS
26(814-824)	5MHz	16QAM	26765	12RB#0	23.56	PASS
26(814-824)	5MHz	QPSK	26765	12RB#6	24.13	PASS
26(814-824)	5MHz	16QAM	26765	12RB#6	24.4	PASS
26(814-824)	5MHz	QPSK	26765	12RB#13	24.04	PASS
26(814-824)	5MHz	16QAM	26765	12RB#13	24.27	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	24.09	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	23.66	PASS
26(814-824)	10MHz	QPSK	26740	1RB#0	23.9	PASS
26(814-824)	10MHz	16QAM	26740	1RB#0	24.08	PASS
26(814-824)	10MHz	QPSK	26740	1RB#24	23.9	PASS
26(814-824)	10MHz	16QAM	26740	1RB#24	24.16	PASS
26(814-824)	10MHz	QPSK	26740	1RB#49	23.94	PASS
26(814-824)	10MHz	16QAM	26740	1RB#49	24.41	PASS
26(814-824)	10MHz	QPSK	26740	25RB#0	24.06	PASS
26(814-824)	10MHz	16QAM	26740	25RB#0	24.47	PASS
26(814-824)	10MHz	QPSK	26740	25RB#12	24.1	PASS
26(814-824)	10MHz	16QAM	26740	25RB#12	24.34	PASS
26(814-824)	10MHz	QPSK	26740	25RB#25	24.04	PASS
26(814-824)	10MHz	16QAM	26740	25RB#25	24.41	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	24.03	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	23.55	PASS



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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
26(814-824)	1.4MHz	QPSK	26697	1RB#0	3.76	13	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#0	4.23	13	PASS
26(814-824)	1.4MHz	QPSK	26697	6RB#0	4.62	13	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	5.16	13	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#0	4.03	13	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#0	4.75	13	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	5.04	13	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	5.54	13	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#0	4.86	13	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#0	5.32	13	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	5.53	13	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	6.22	13	PASS
26(814-824)	3MHz	QPSK	26705	1RB#0	3.75	13	PASS
26(814-824)	3MHz	16QAM	26705	1RB#0	4.48	13	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	4.74	13	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	5.35	13	PASS
26(814-824)	3MHz	QPSK	26740	1RB#0	4.06	13	PASS
26(814-824)	3MHz	16QAM	26740	1RB#0	4.73	13	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	5.12	13	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	5.74	13	PASS
26(814-824)	3MHz	QPSK	26775	1RB#0	4.73	13	PASS
26(814-824)	3MHz	16QAM	26775	1RB#0	5.11	13	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	5.41	13	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	6.08	13	PASS
26(814-824)	5MHz	QPSK	26715	1RB#0	3.87	13	PASS
26(814-824)	5MHz	16QAM	26715	1RB#0	4.67	13	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	5.13	13	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	5.67	13	PASS
26(814-824)	5MHz	QPSK	26740	1RB#0	4.21	13	PASS
26(814-824)	5MHz	16QAM	26740	1RB#0	4.84	13	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	5.32	13	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	5.94	13	PASS
26(814-824)	5MHz	QPSK	26765	1RB#0	4.36	13	PASS
26(814-824)	5MHz	16QAM	26765	1RB#0	4.85	13	PASS



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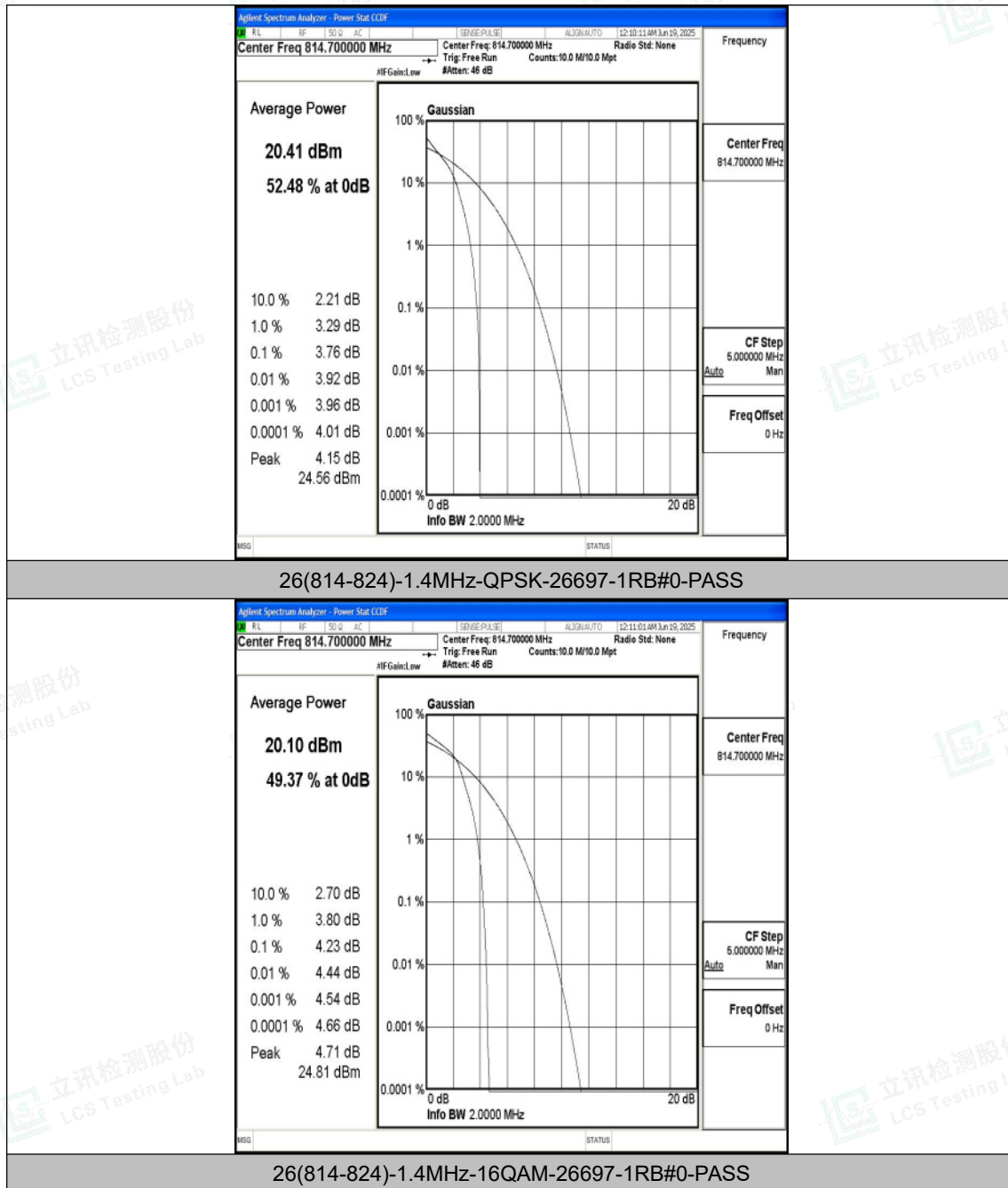
26(814-824)	5MHz	QPSK	26765	25RB#0	5.48	13	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	6.11	13	PASS
26(814-824)	10MHz	QPSK	26740	1RB#0	3.84	13	PASS
26(814-824)	10MHz	16QAM	26740	1RB#0	4.49	13	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	5.37	13	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	5.96	13	PASS



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Test Graphs

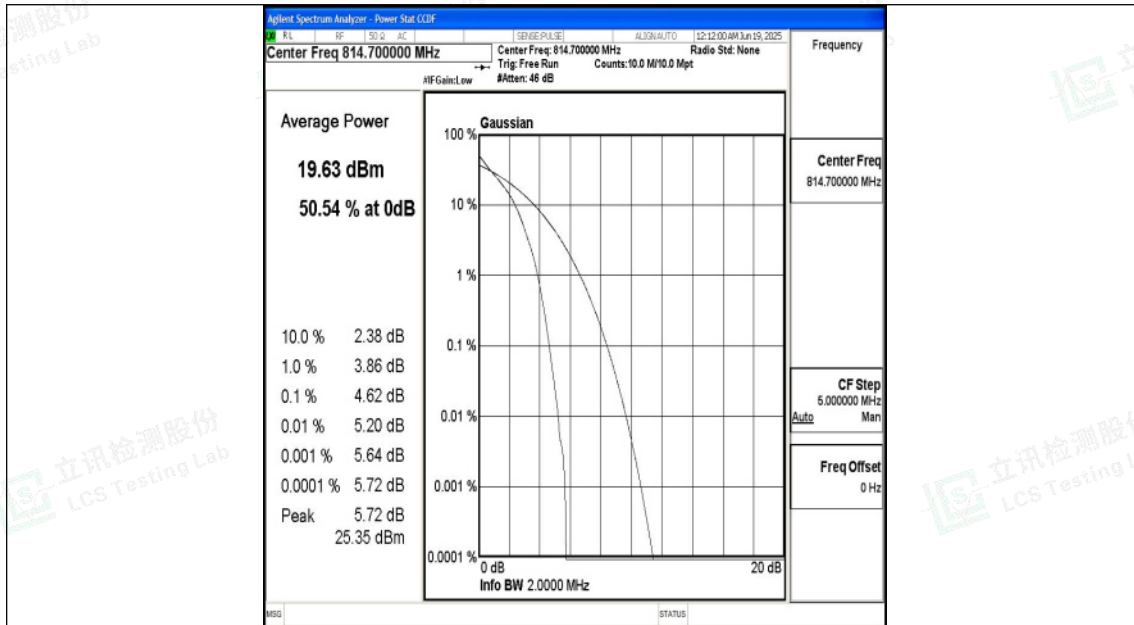


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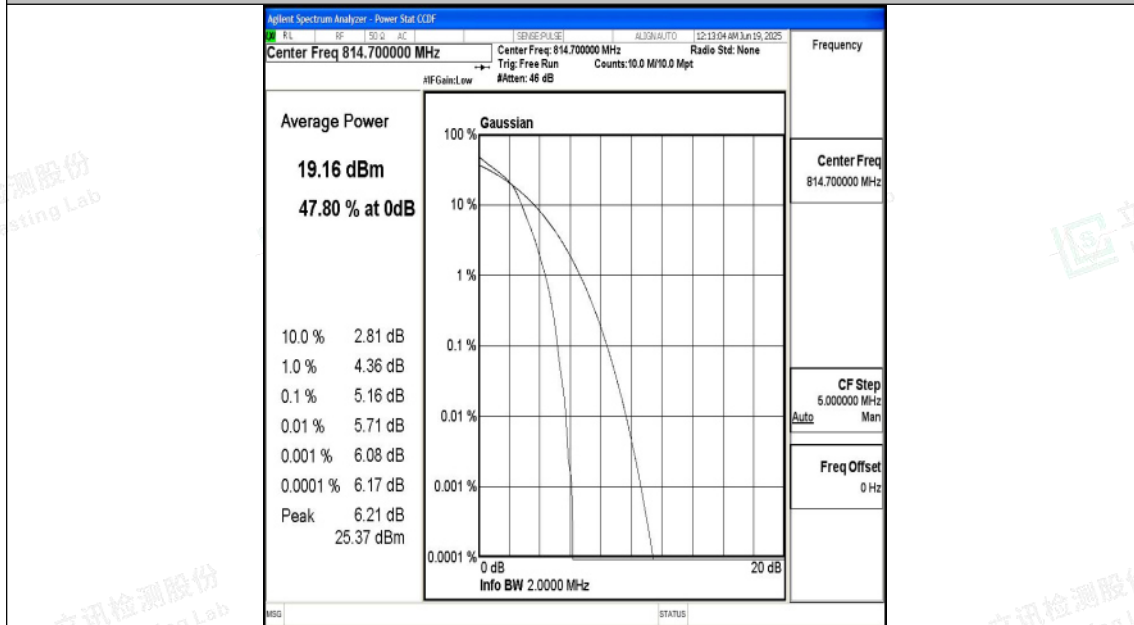
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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26(814-824)-1.4MHz-QPSK-26697-6RB#0-PASS



26(814-824)-1.4MHz-16QAM-26697-6RB#0-PASS

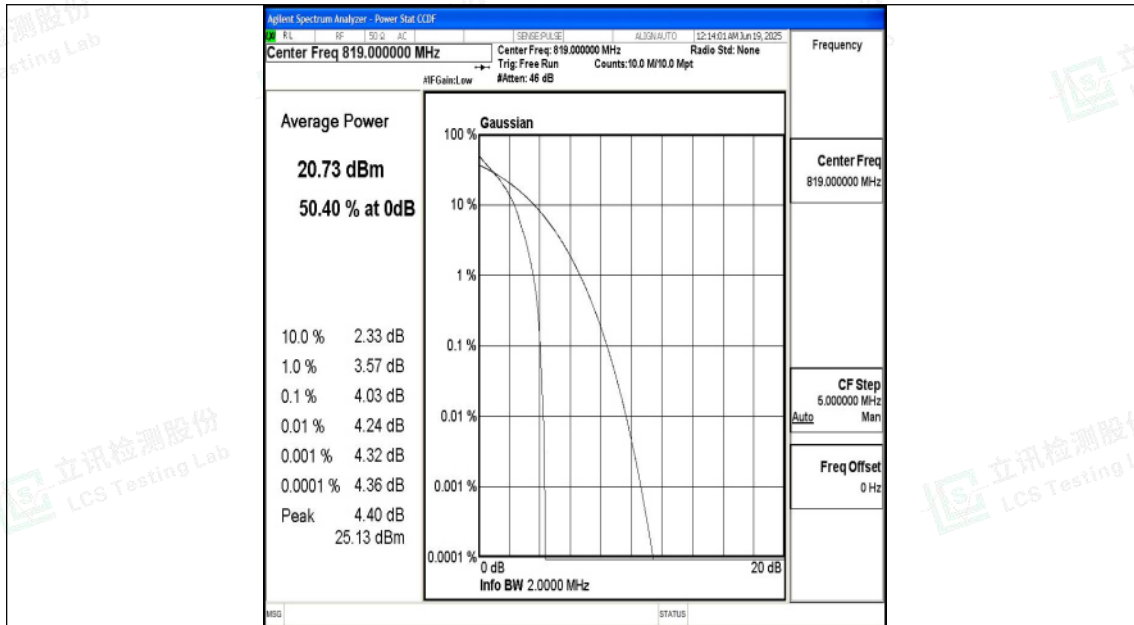


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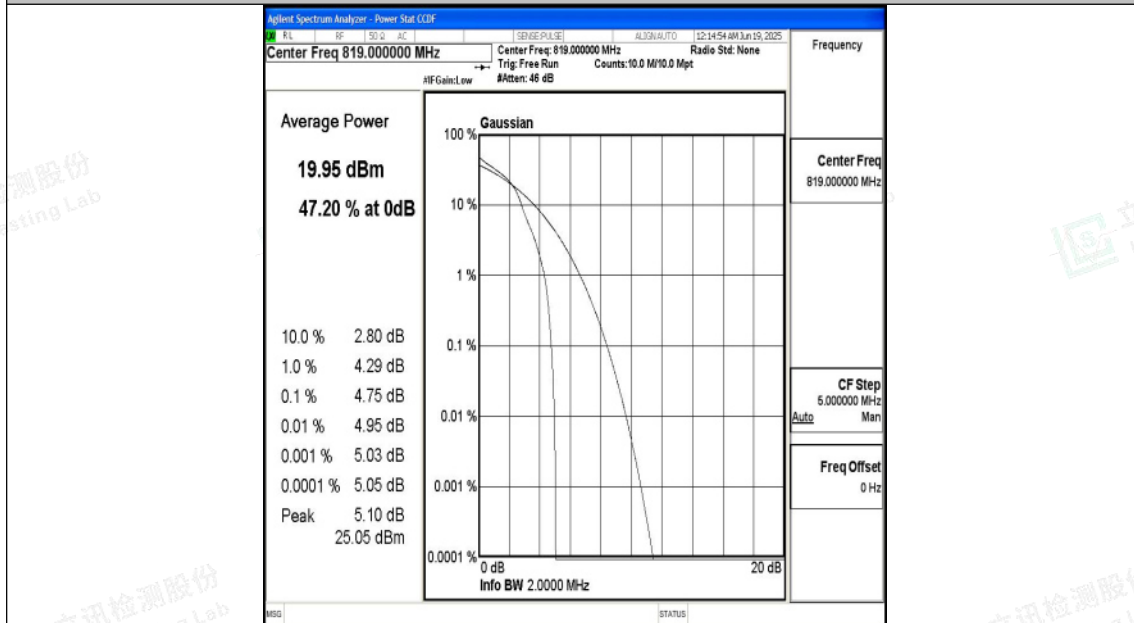
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26(814-824)-1.4MHz-QPSK-26740-1RB#0-PASS



26(814-824)-1.4MHz-16QAM-26740-1RB#0-PASS

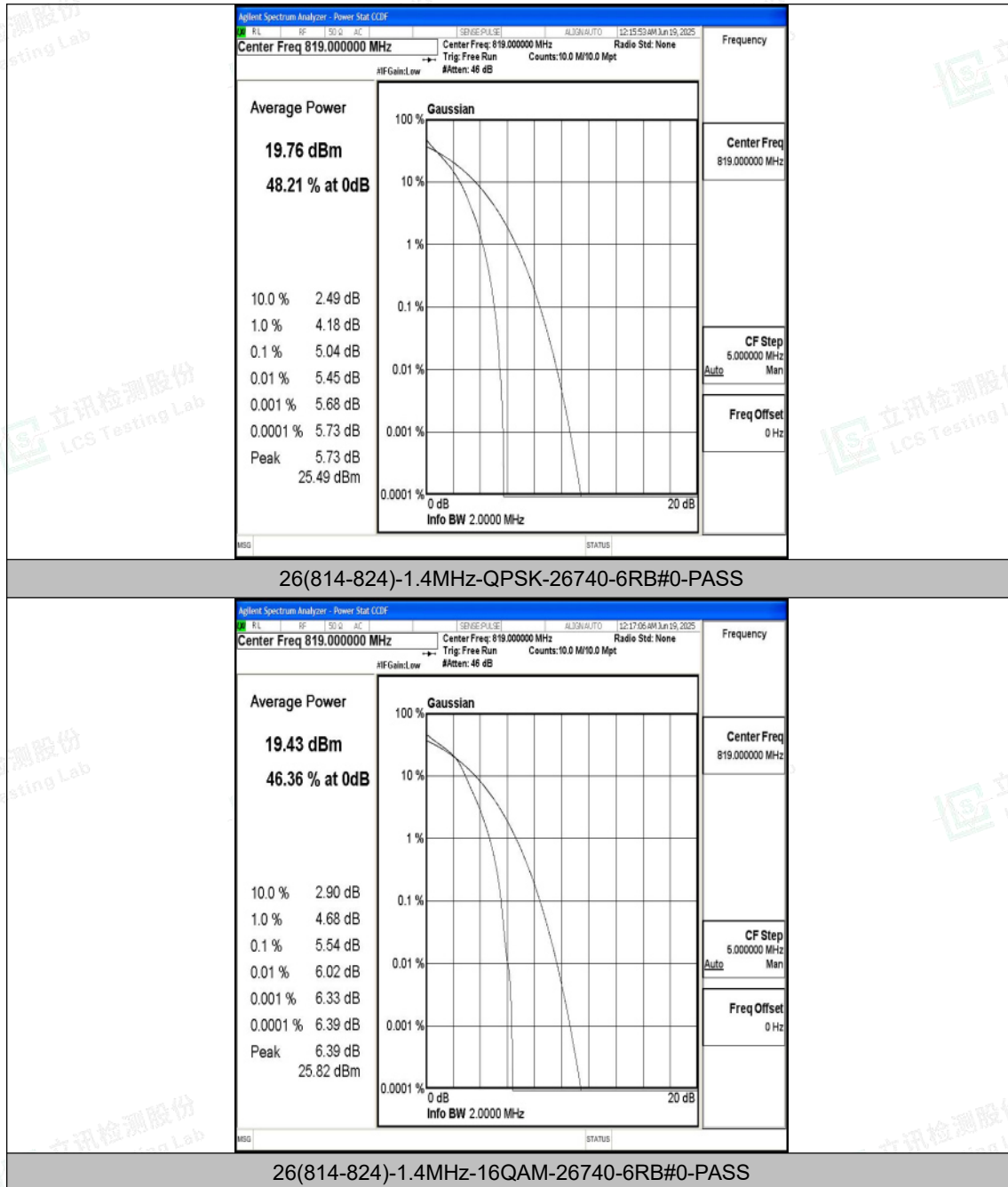


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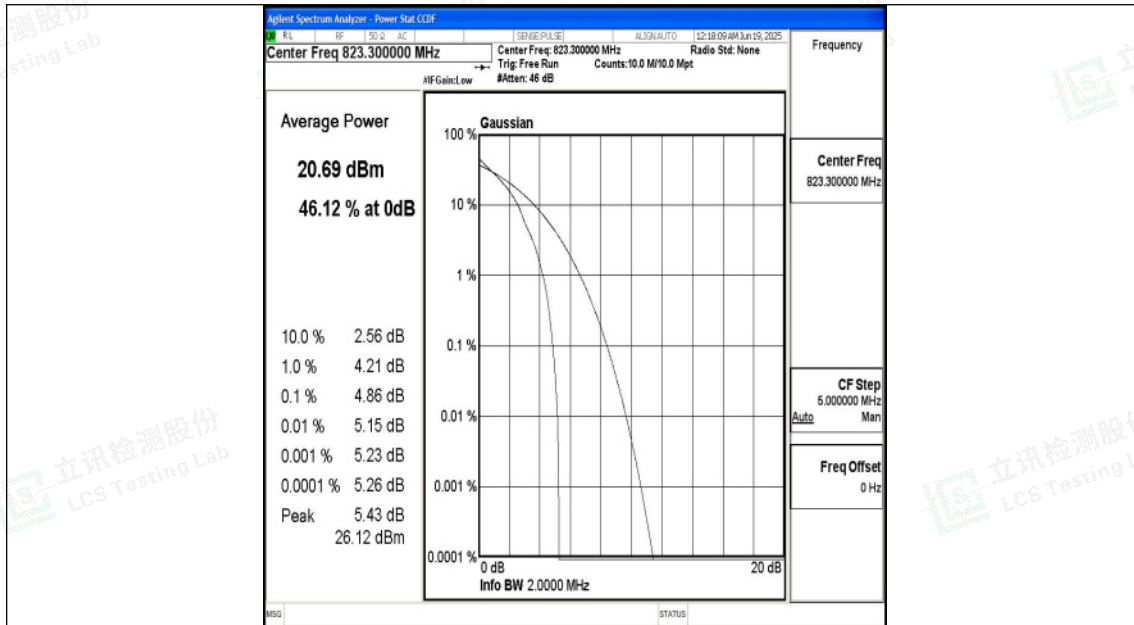


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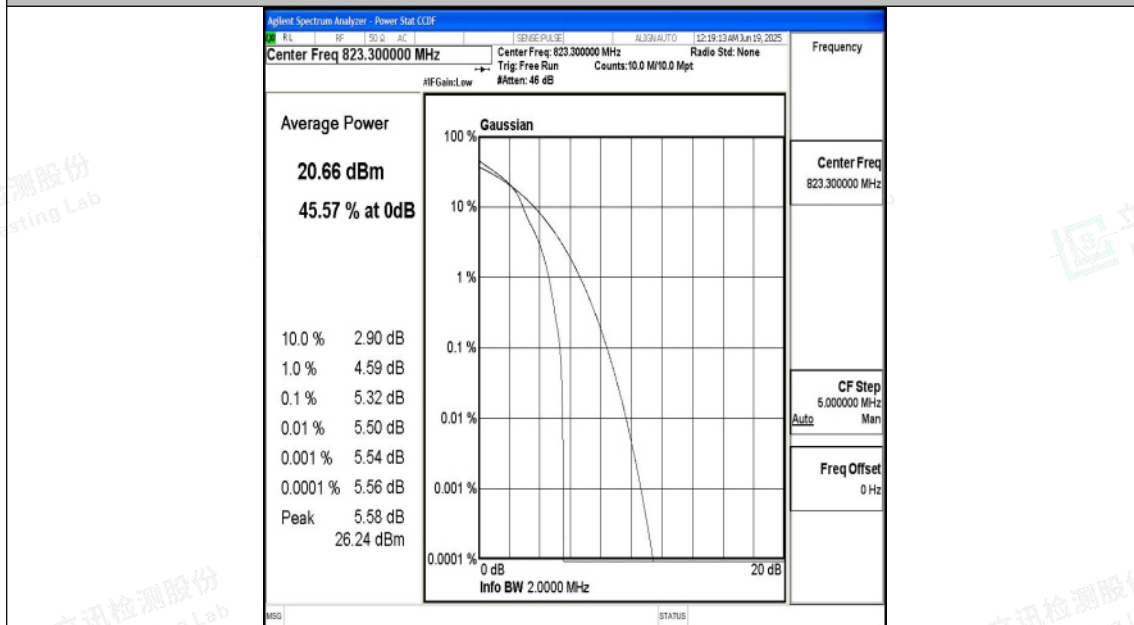
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26(814-824)-1.4MHz-QPSK-26783-1RB#0-PASS



26(814-824)-1.4MHz-16QAM-26783-1RB#0-PASS

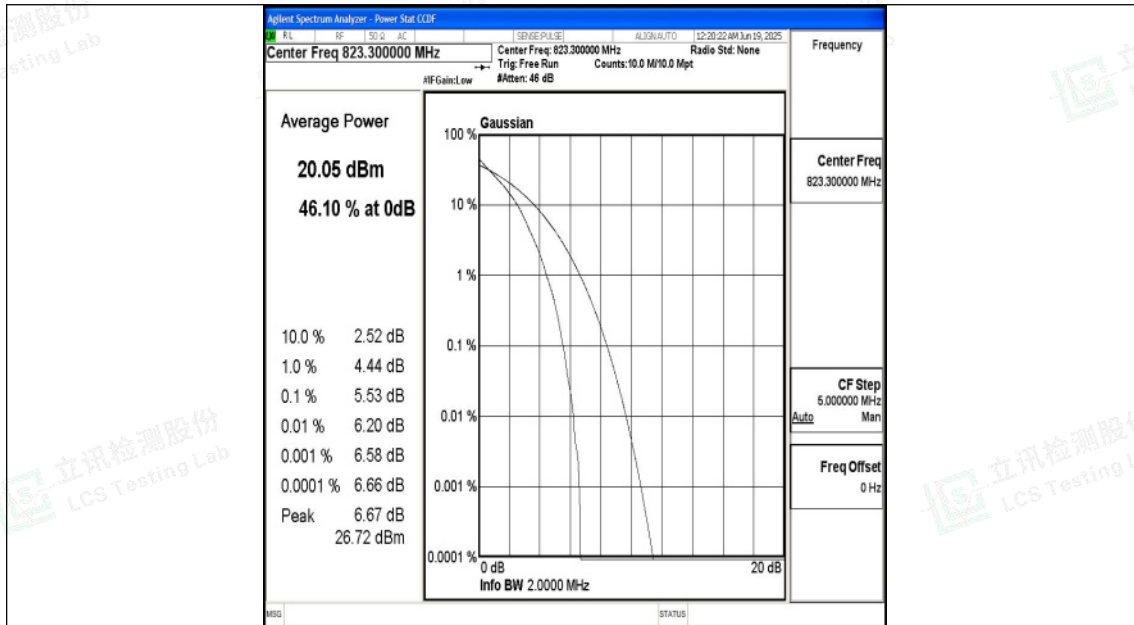


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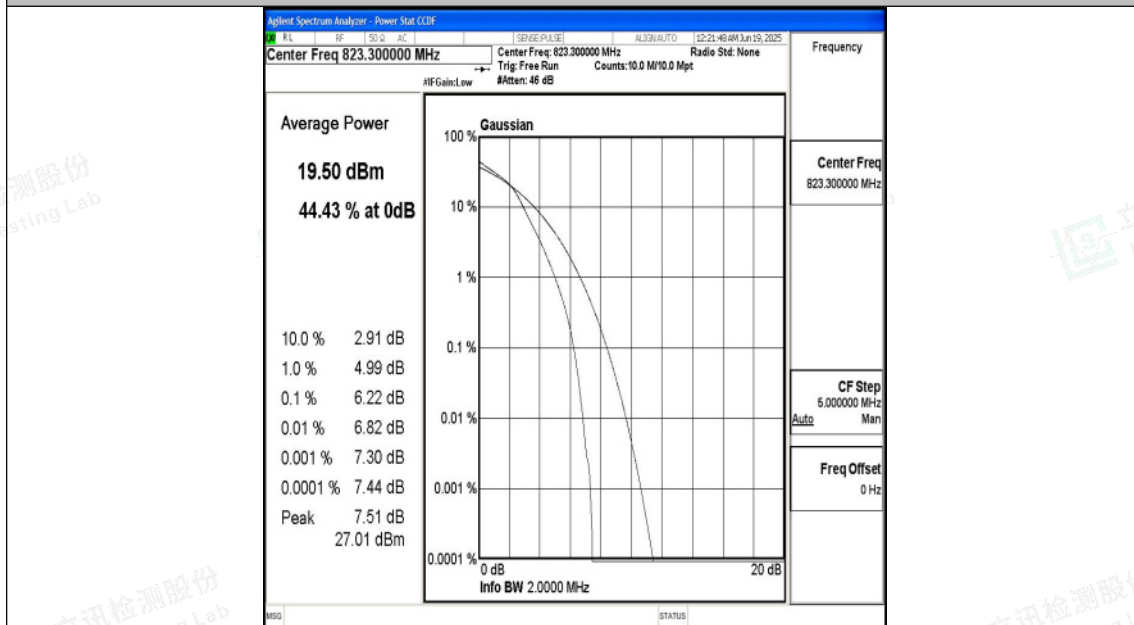
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26(814-824)-1.4MHz-QPSK-26783-6RB#0-PASS



26(814-824)-1.4MHz-16QAM-26783-6RB#0-PASS

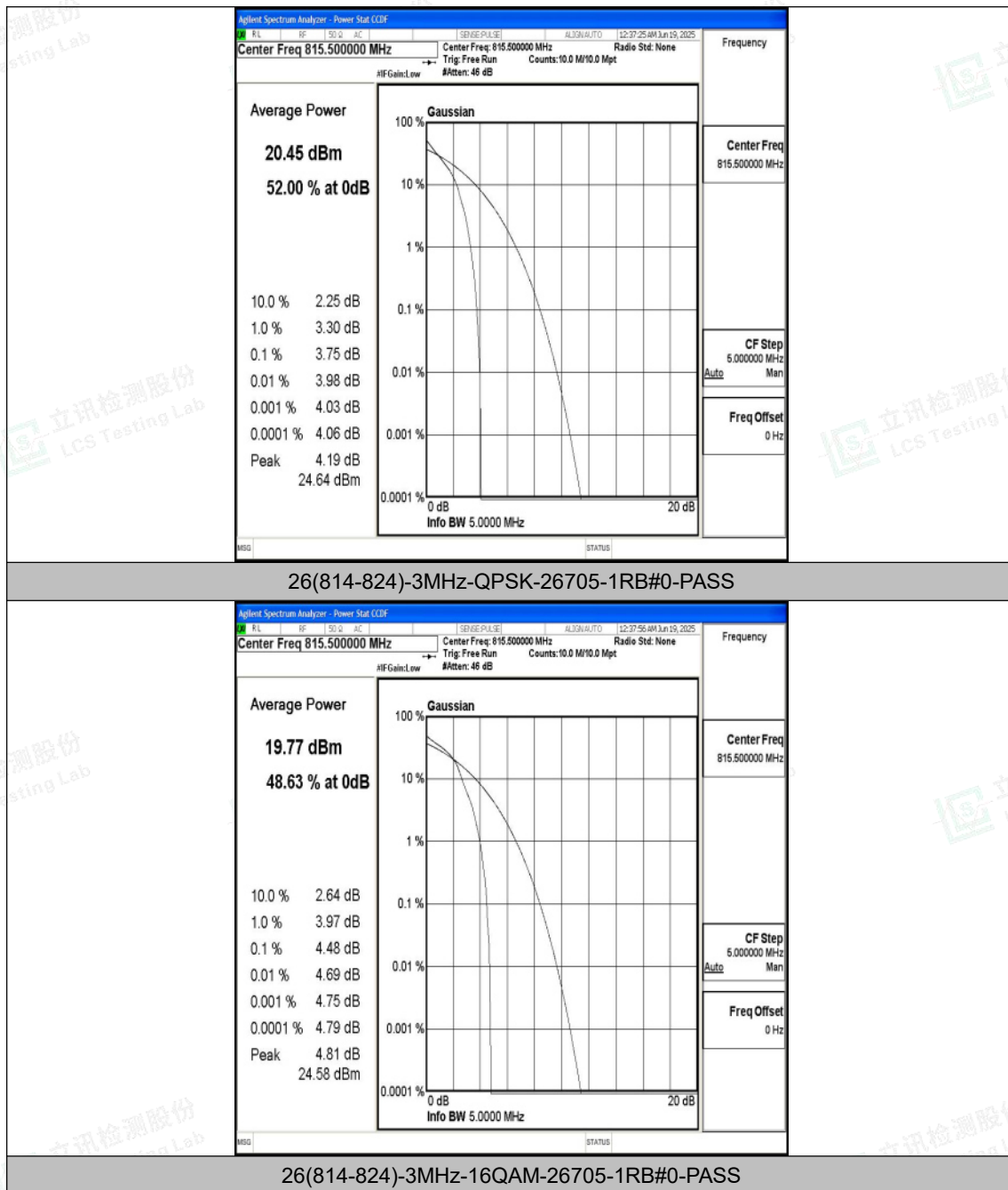


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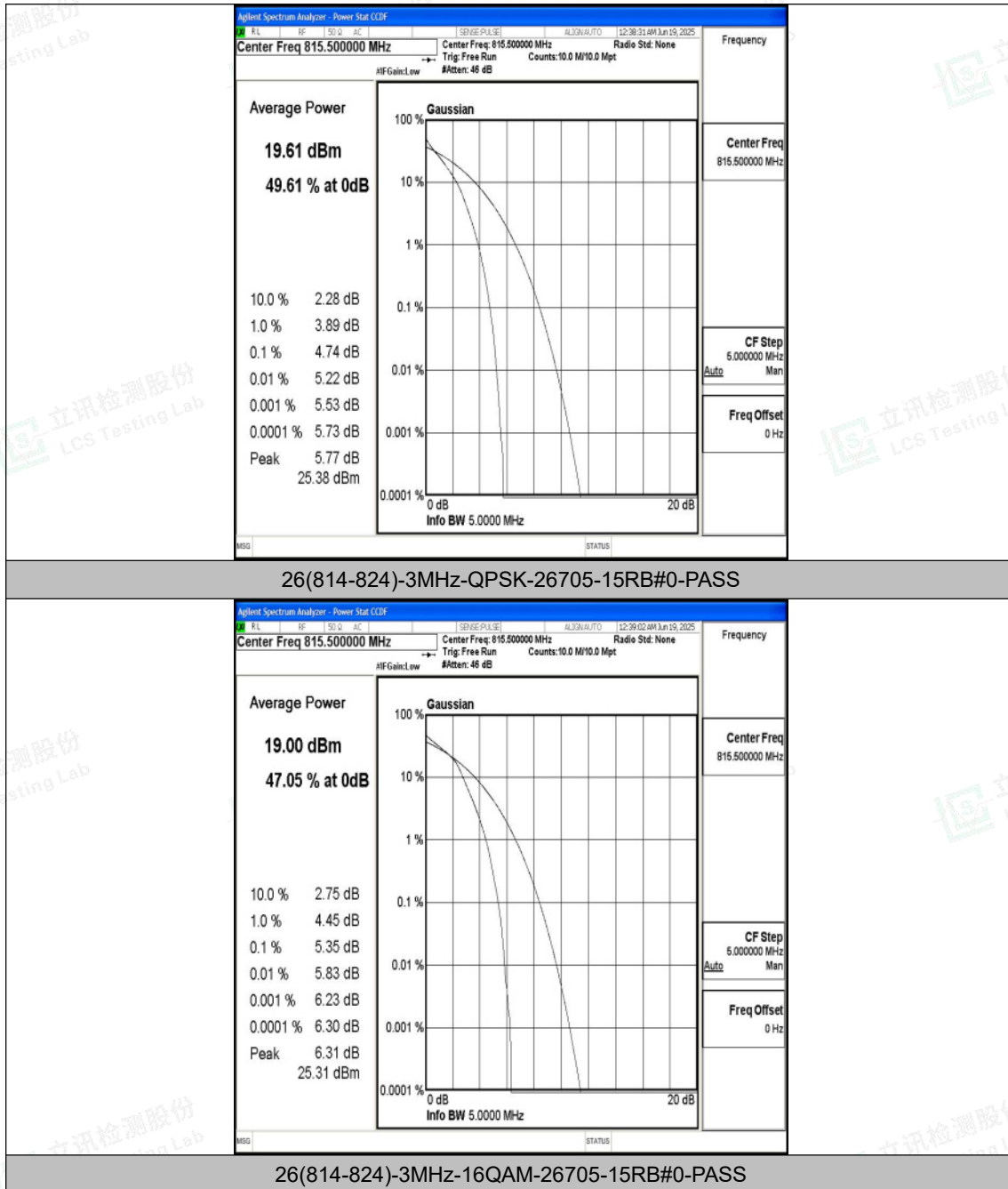


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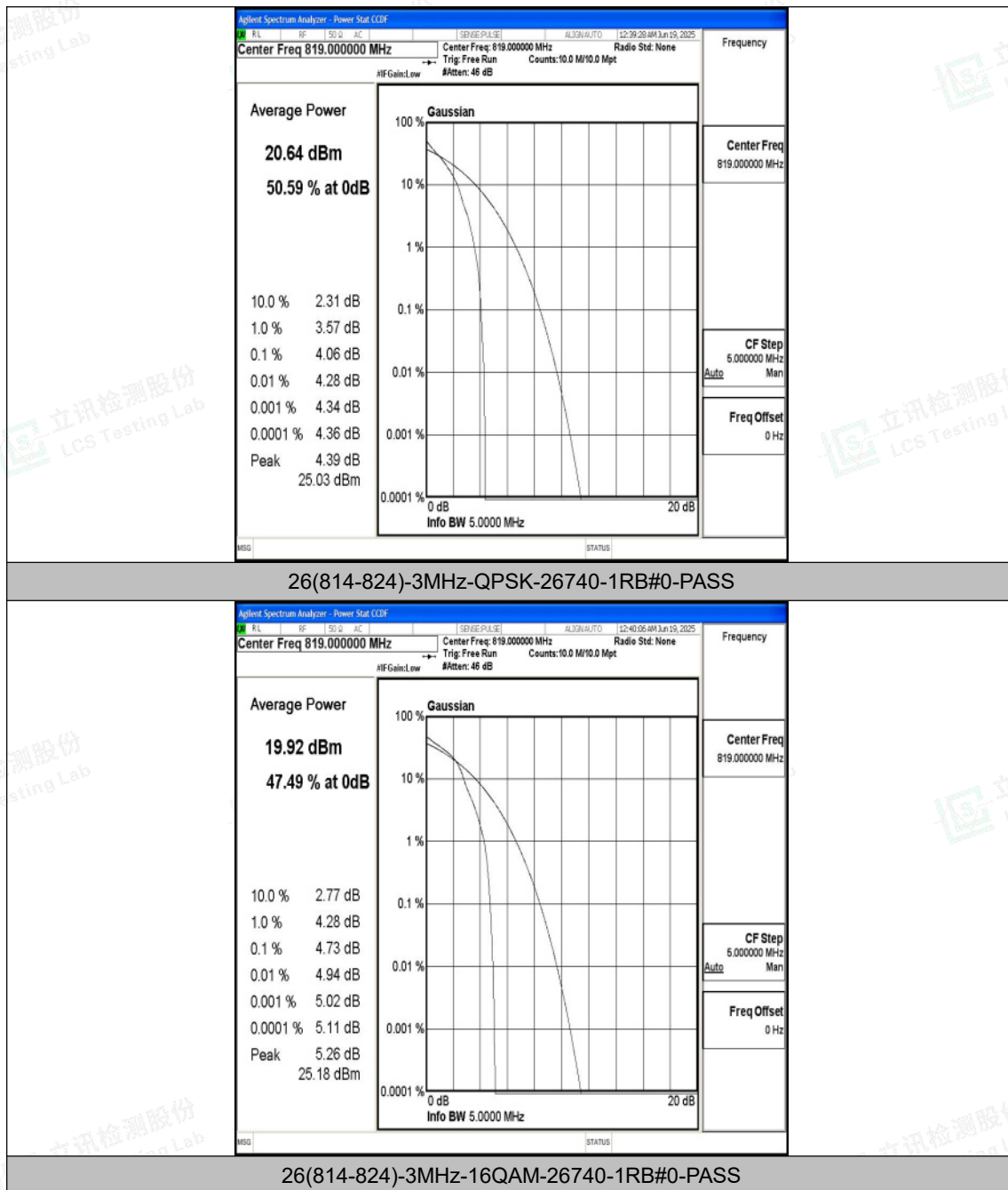


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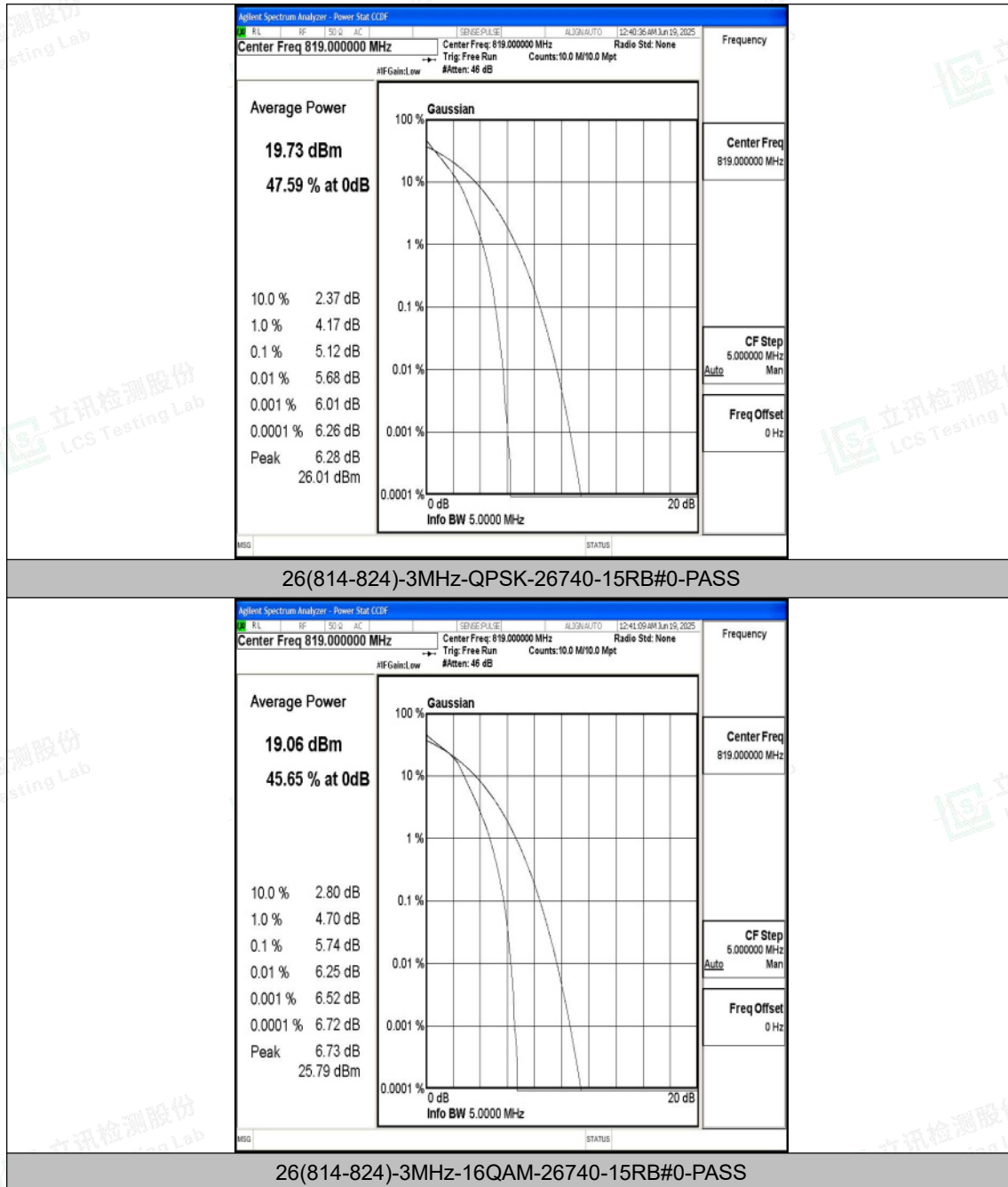


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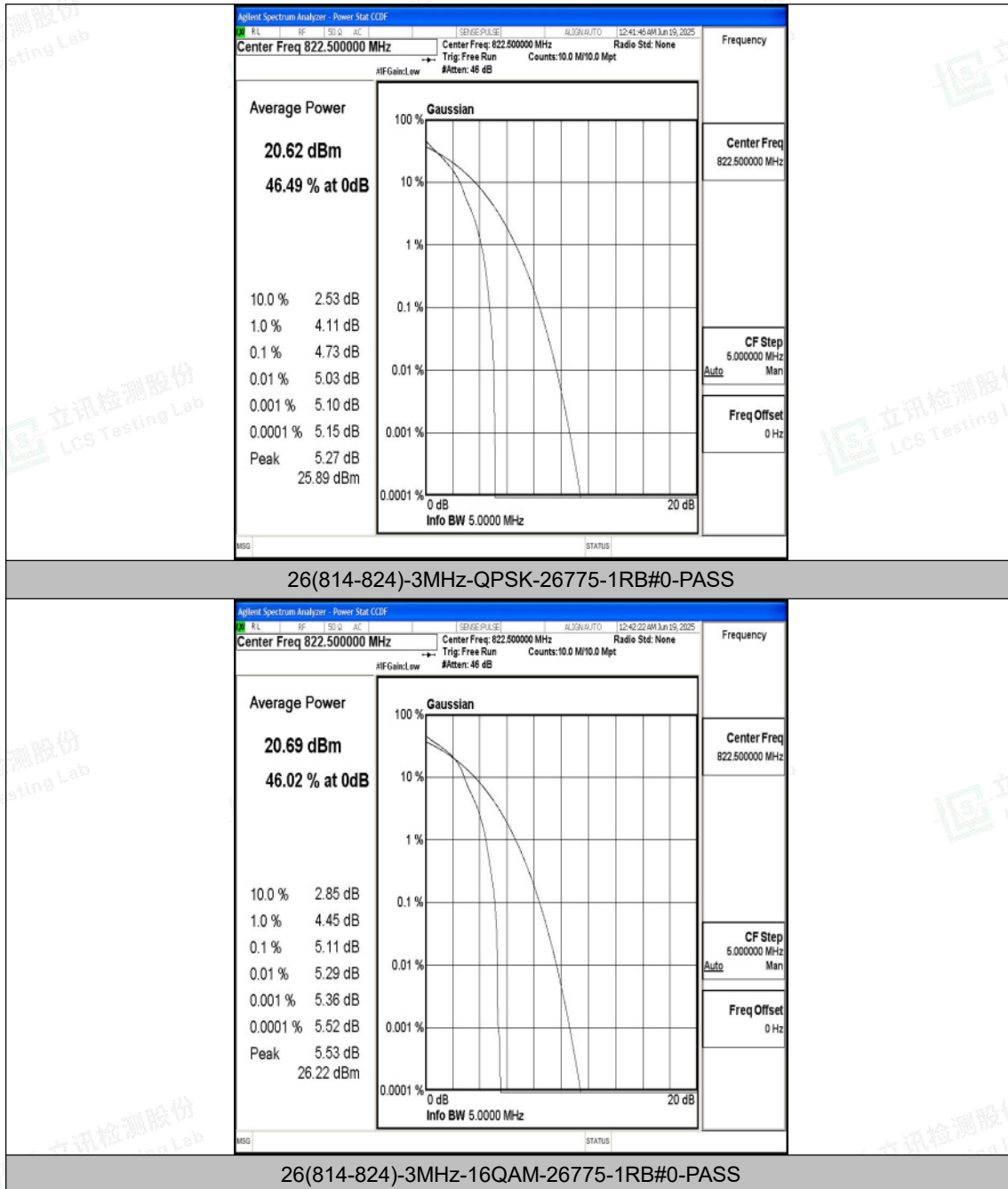


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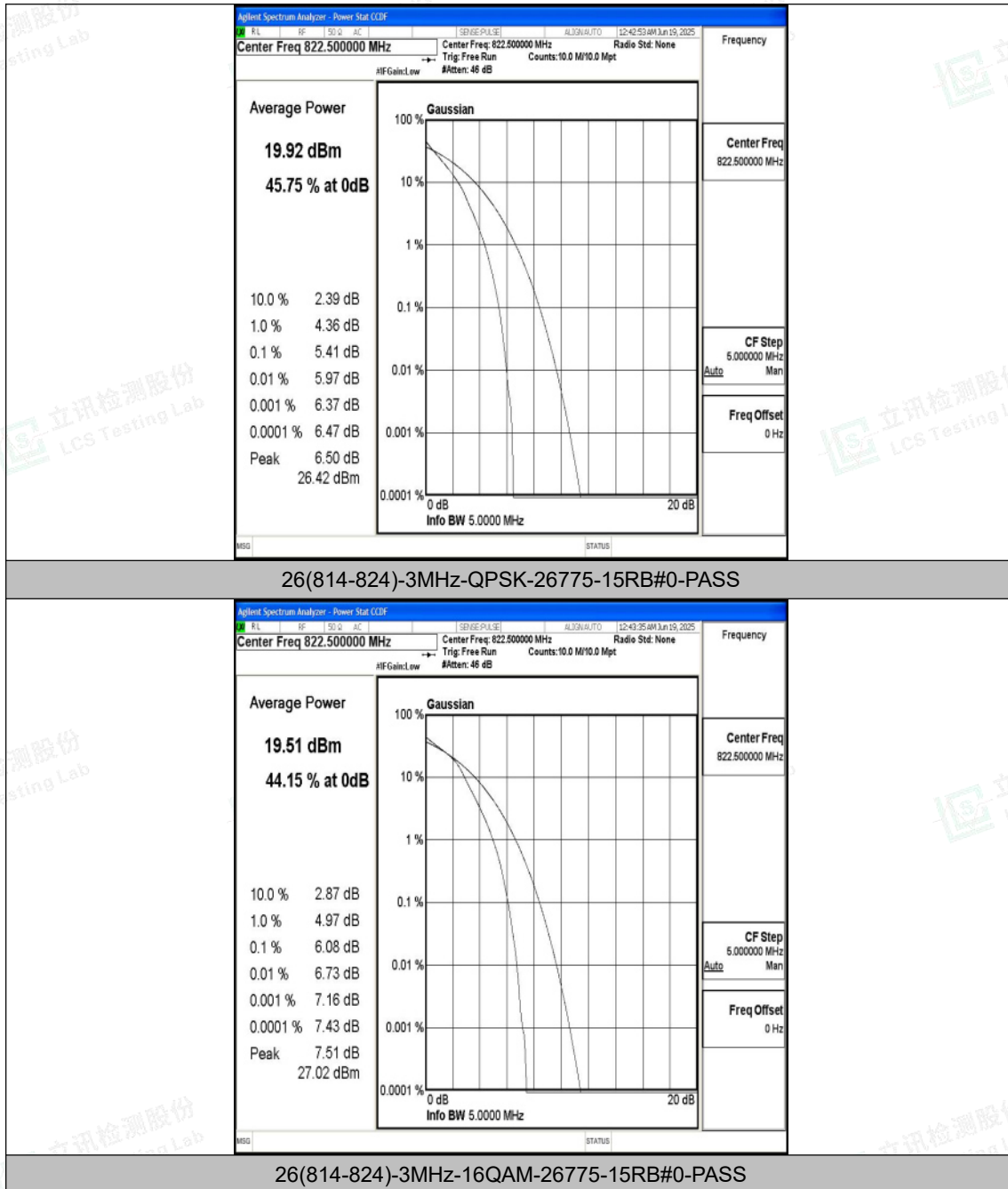


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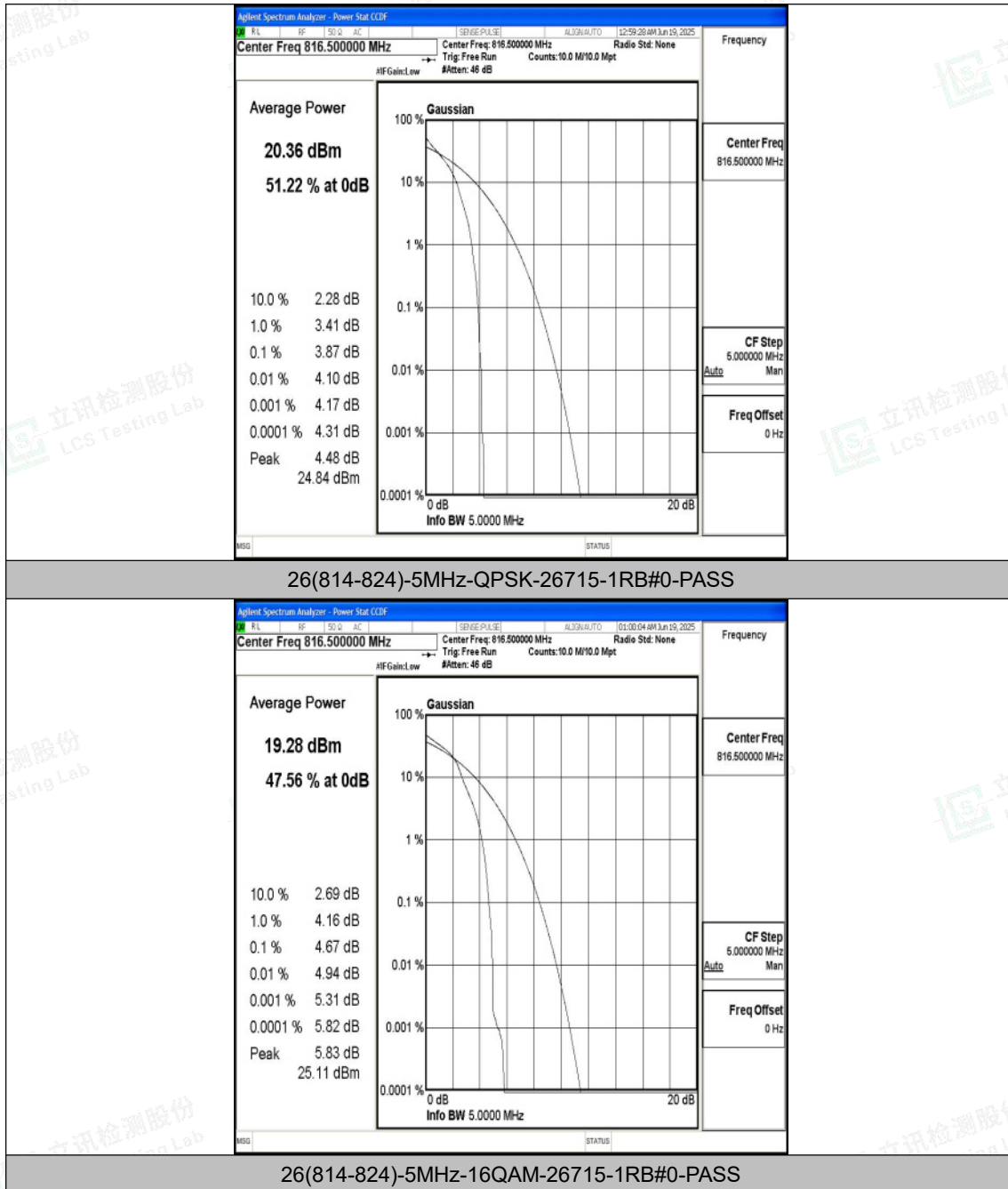


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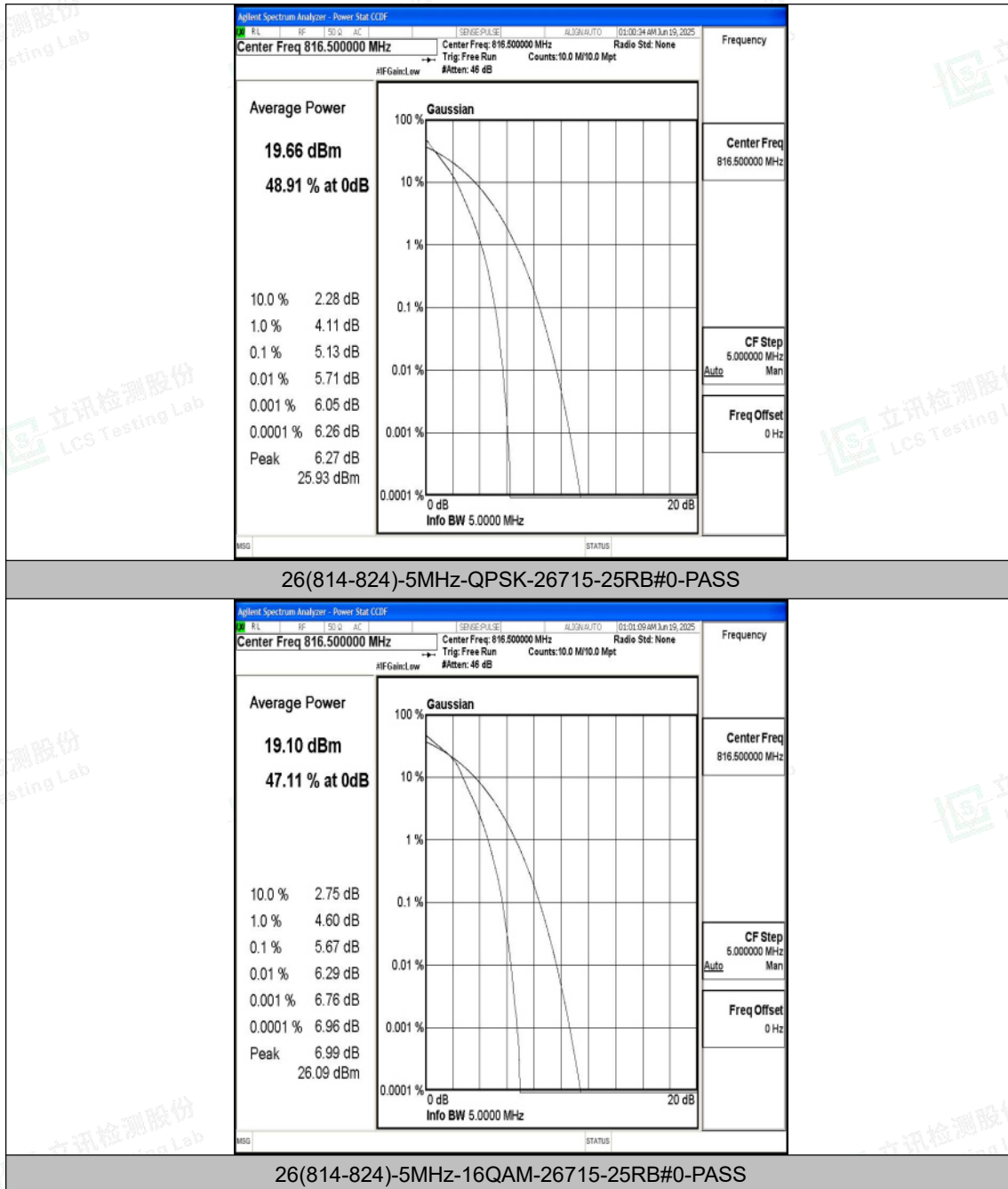


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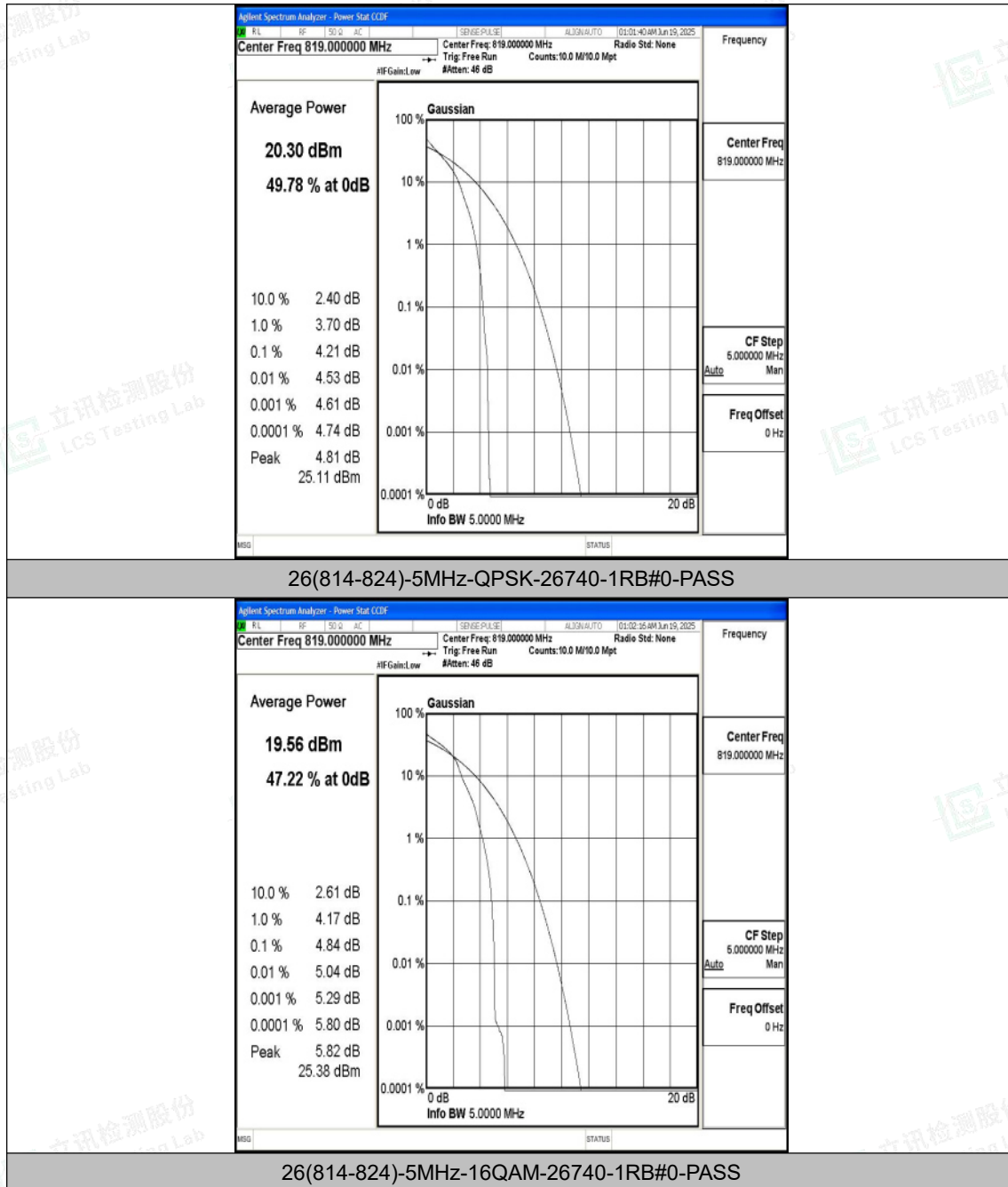


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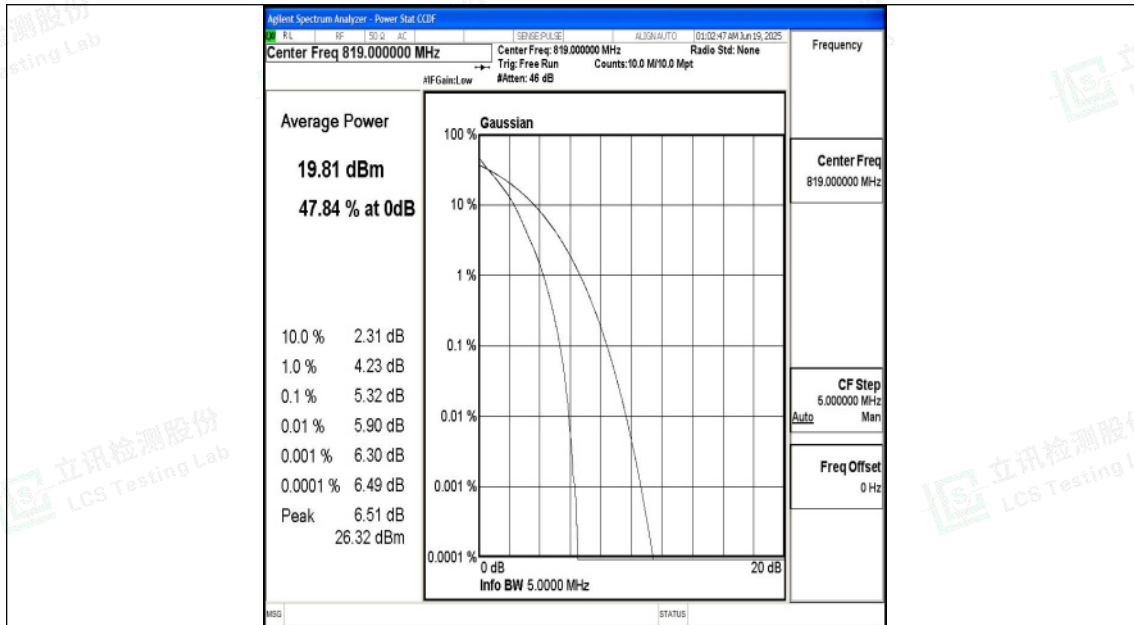


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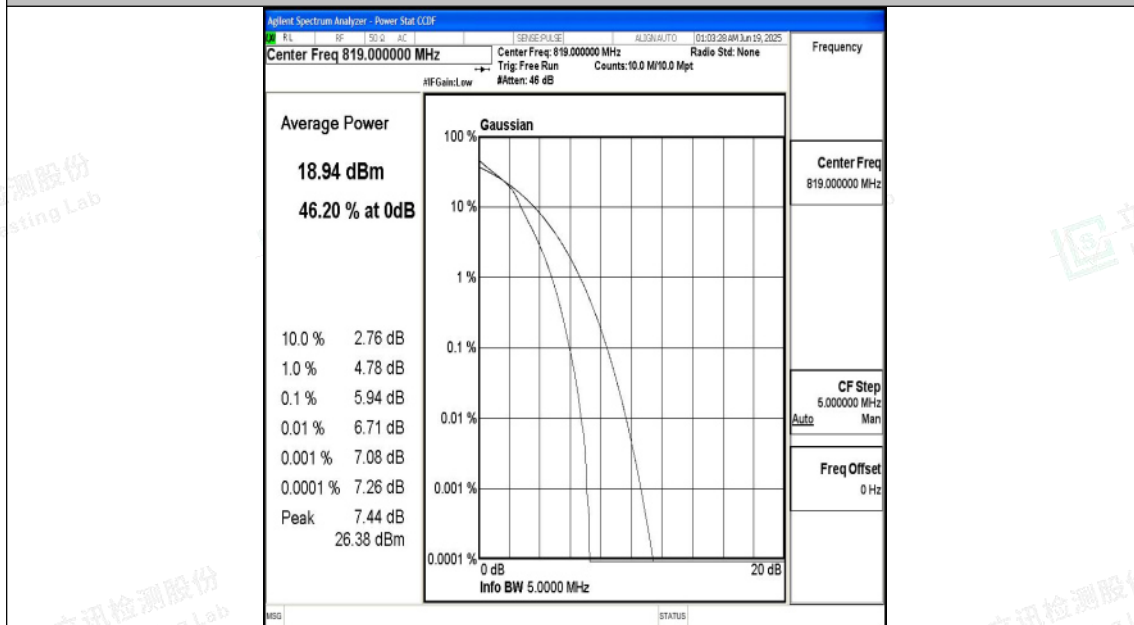
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26(814-824)-5MHz-QPSK-26740-25RB#0-PASS



26(814-824)-5MHz-16QAM-26740-25RB#0-PASS

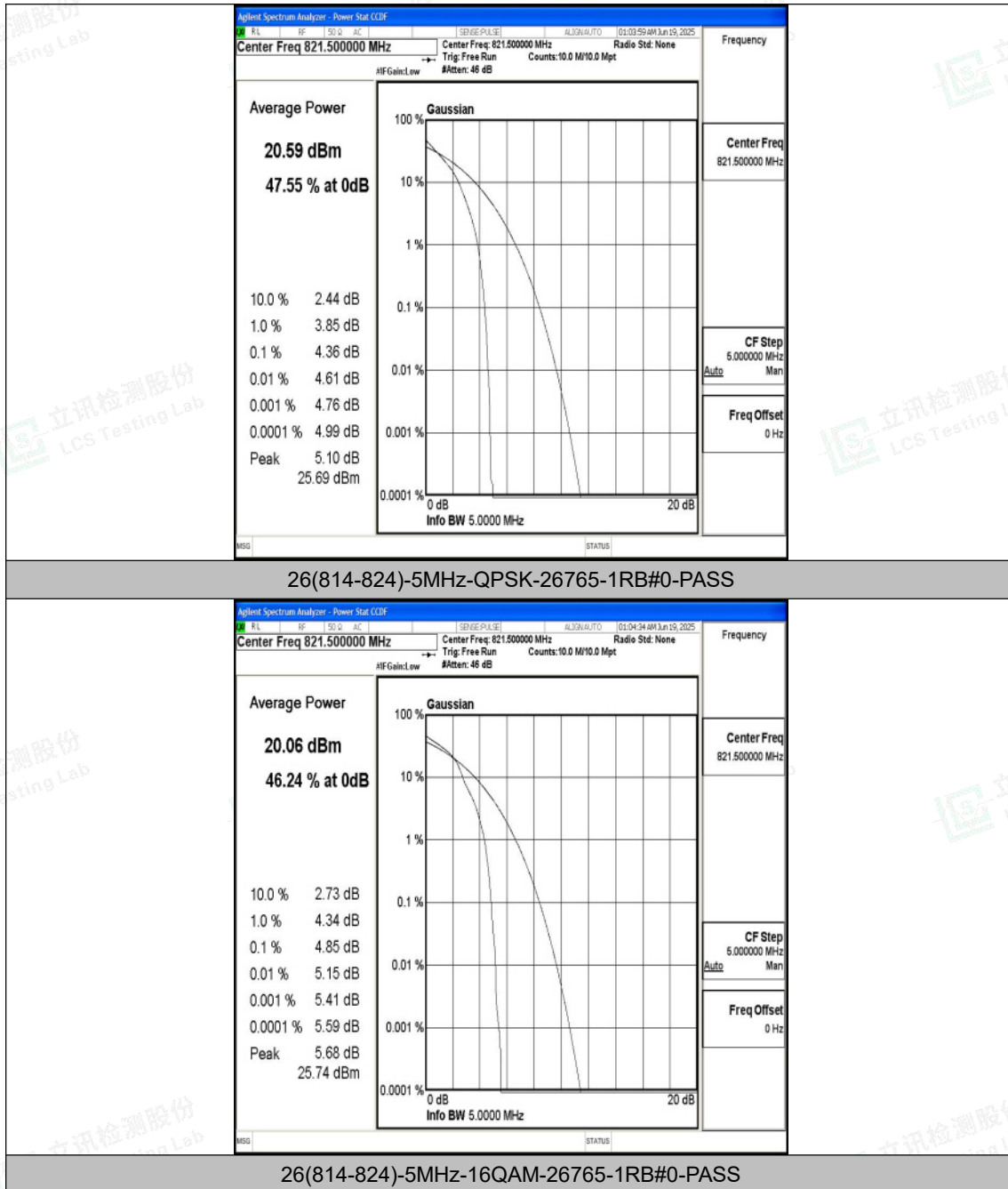


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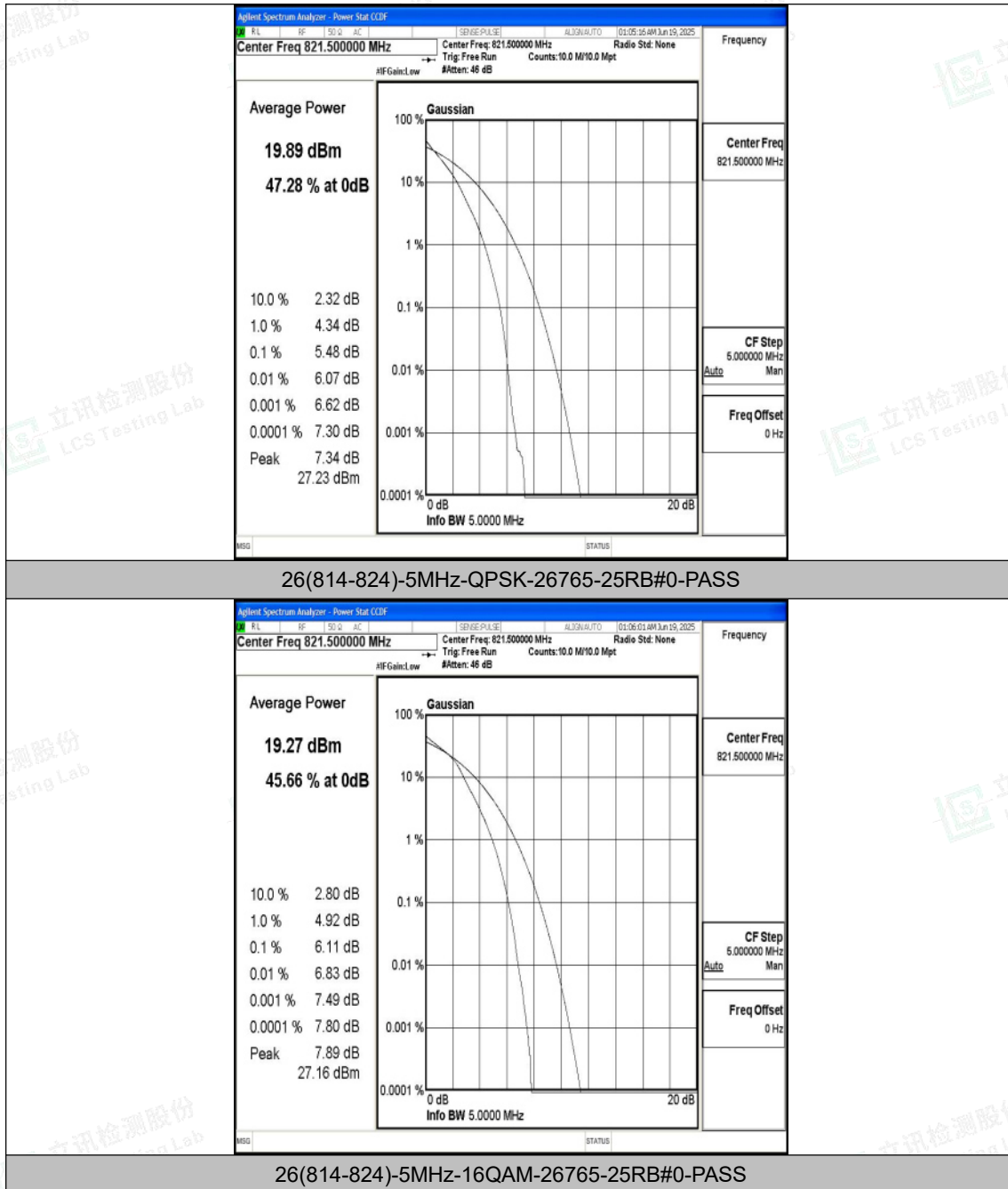


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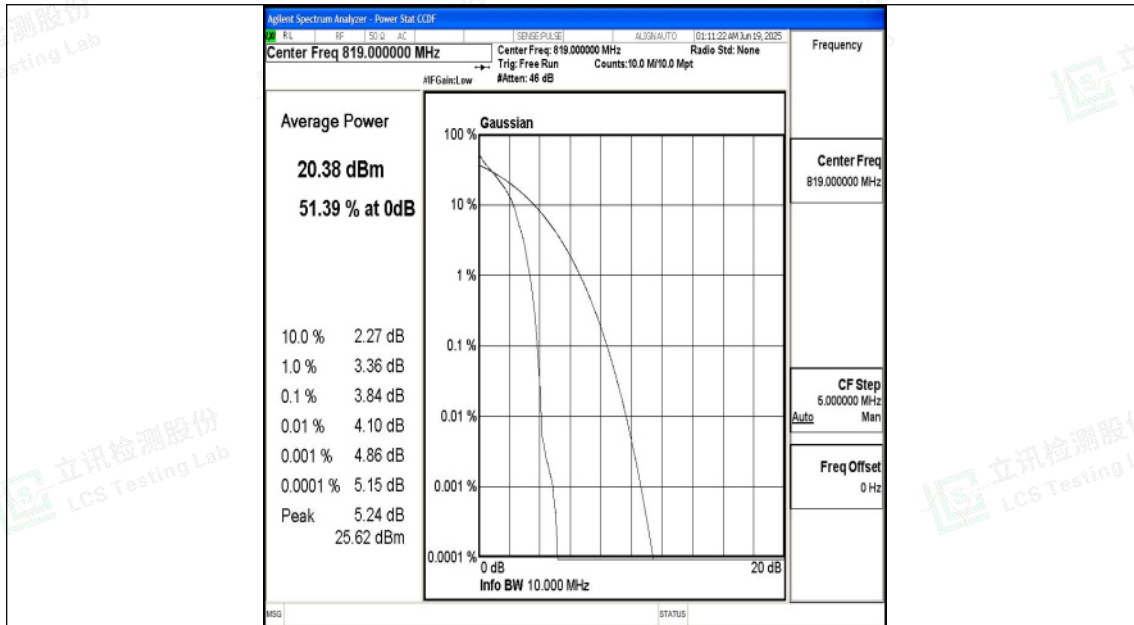


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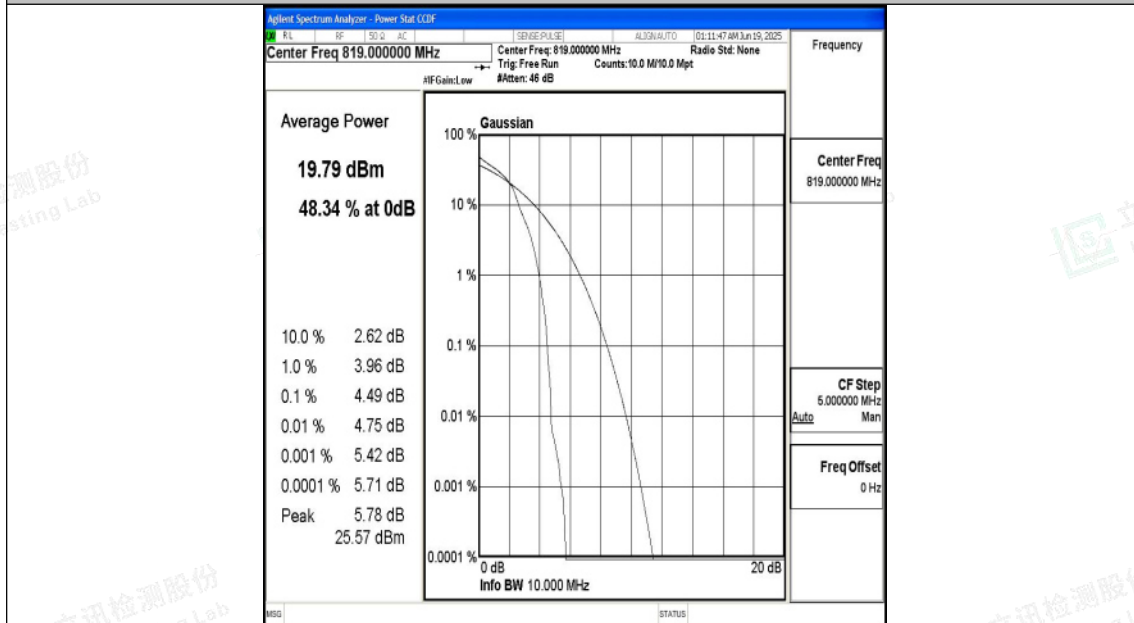
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26(814-824)-10MHz-QPSK-26740-1RB#0-PASS



26(814-824)-10MHz-16QAM-26740-1RB#0-PASS

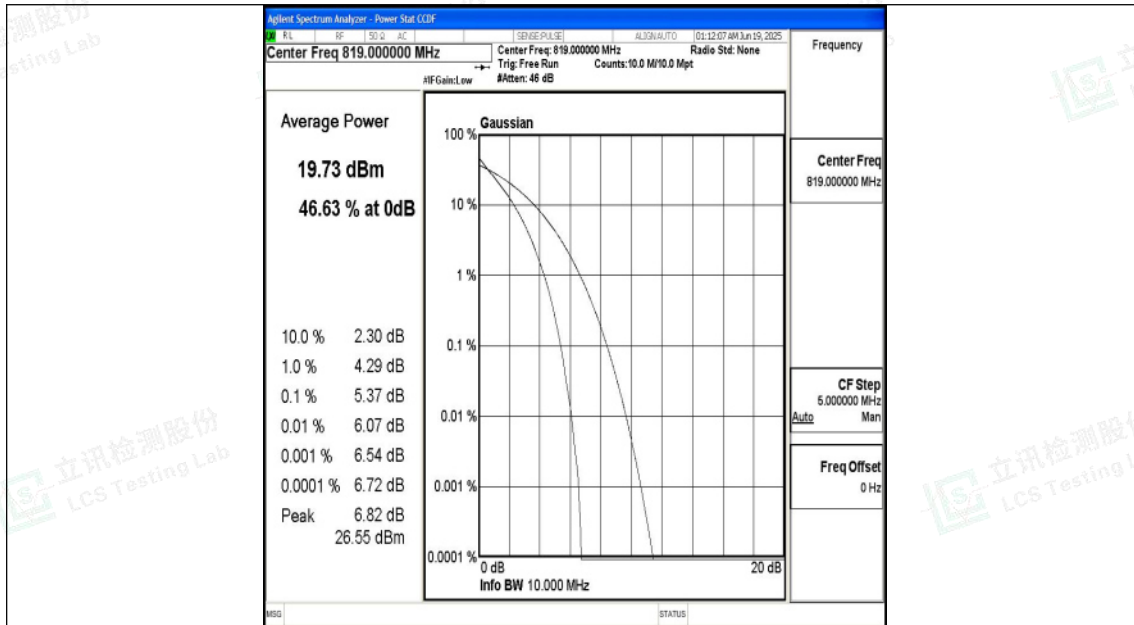


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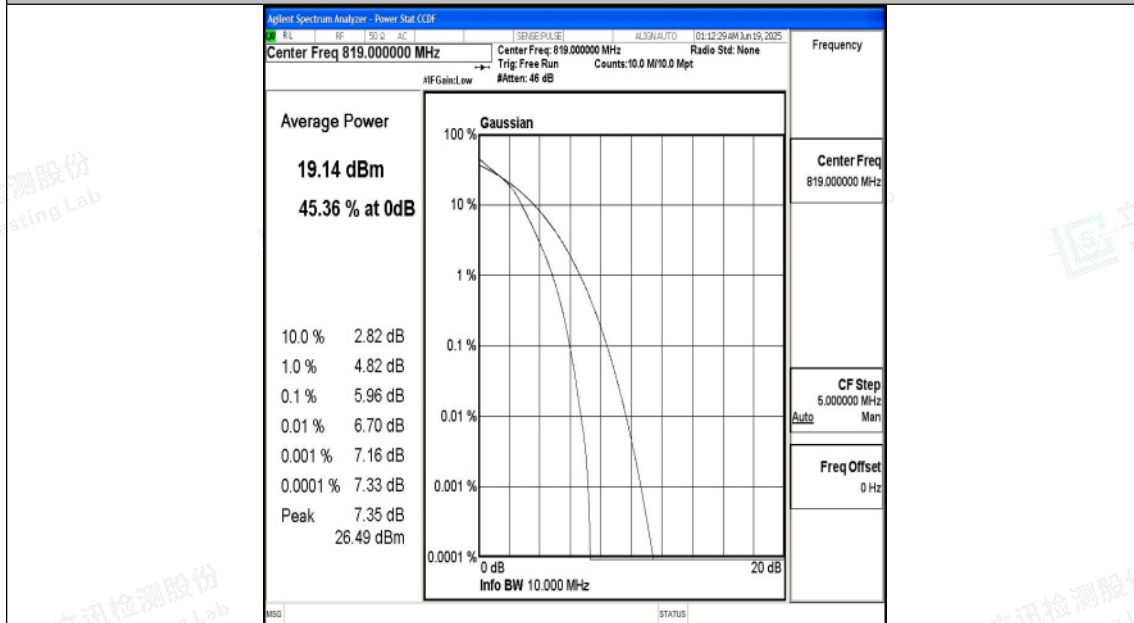
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26(814-824)-10MHz-QPSK-26740-50RB#0-PASS



26(814-824)-10MHz-16QAM-26740-50RB#0-PASS



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J.3 26dB Bandwidth and Occupied Bandwidth

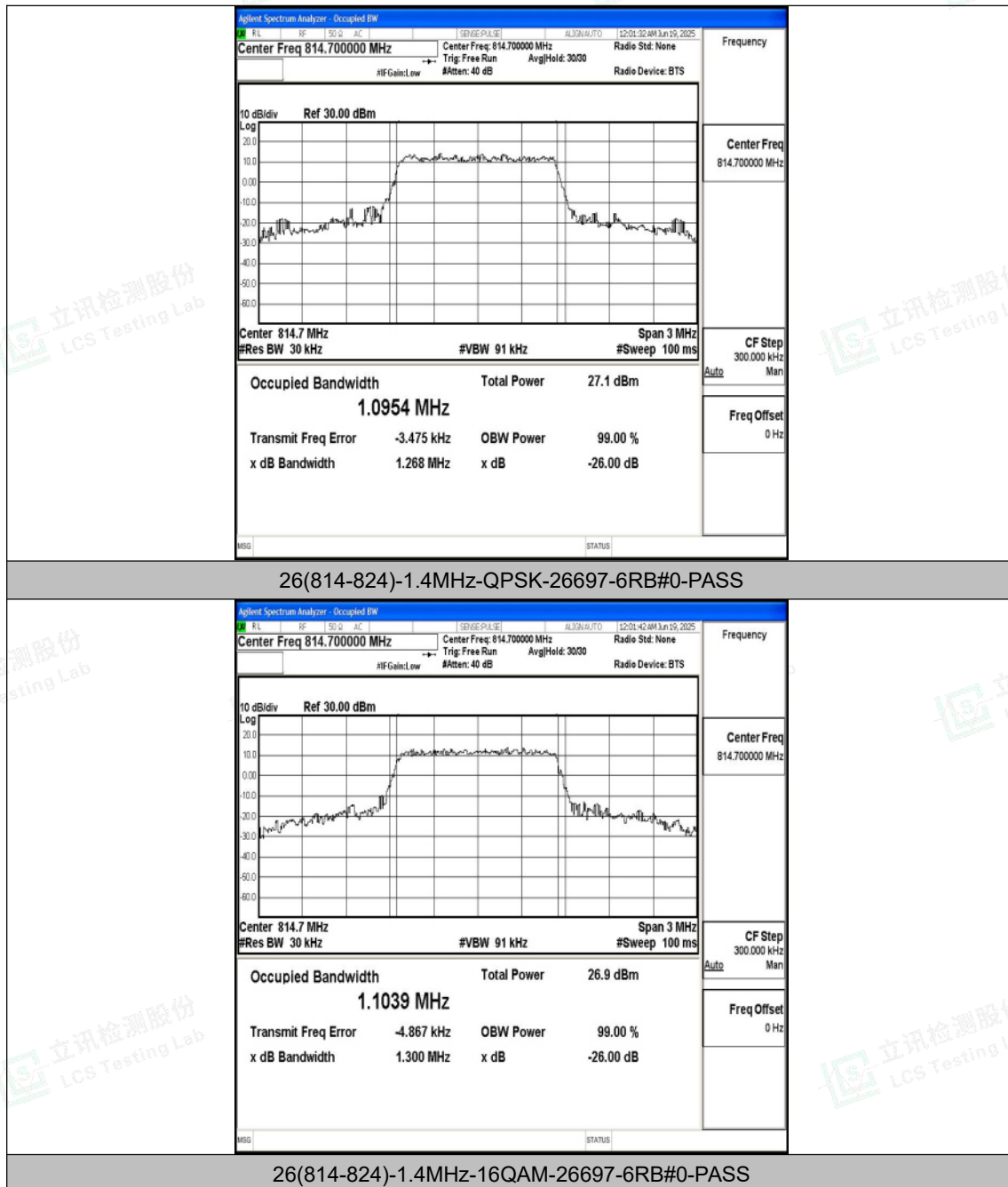
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
26(814-824)	1.4MHz	QPSK	26697	6RB#0	1.0954	1.268	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	1.1039	1.300	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	1.0980	1.337	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	1.1060	1.354	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	1.0993	1.275	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	1.0934	1.371	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	2.7640	3.587	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	2.7559	3.300	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	2.7667	3.616	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	2.7655	3.608	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	2.7749	3.341	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	2.7651	3.465	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	4.5349	5.208	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	4.5131	5.319	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	4.5142	5.411	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	4.5360	5.332	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	4.5110	5.225	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	4.5245	5.451	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	8.9958	10.11	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	8.9906	10.13	PASS





Test Graphs

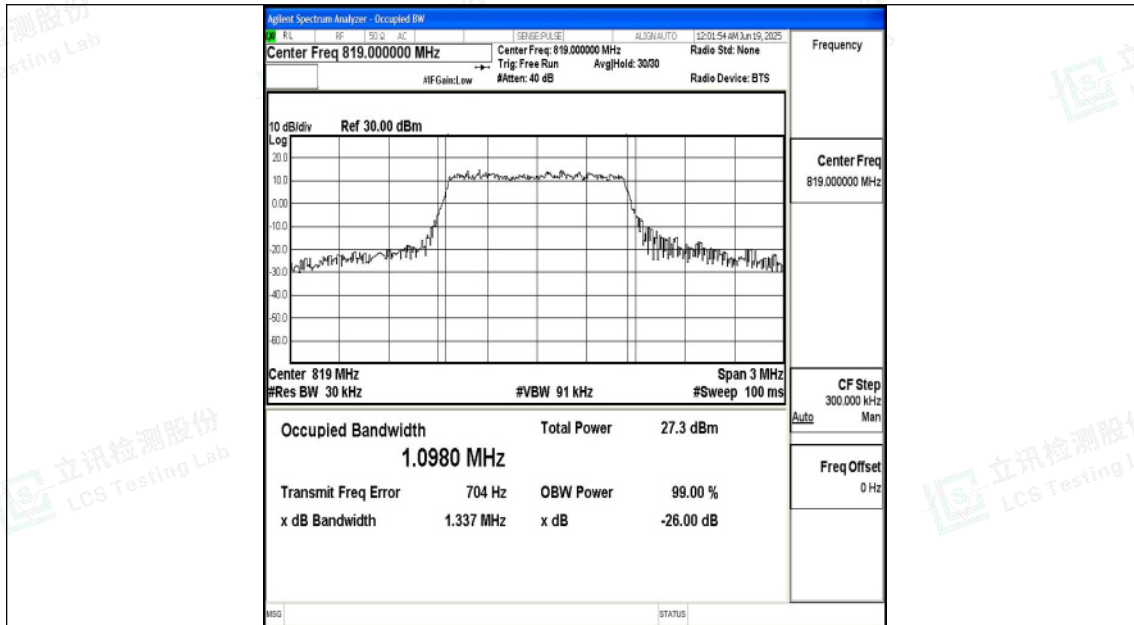


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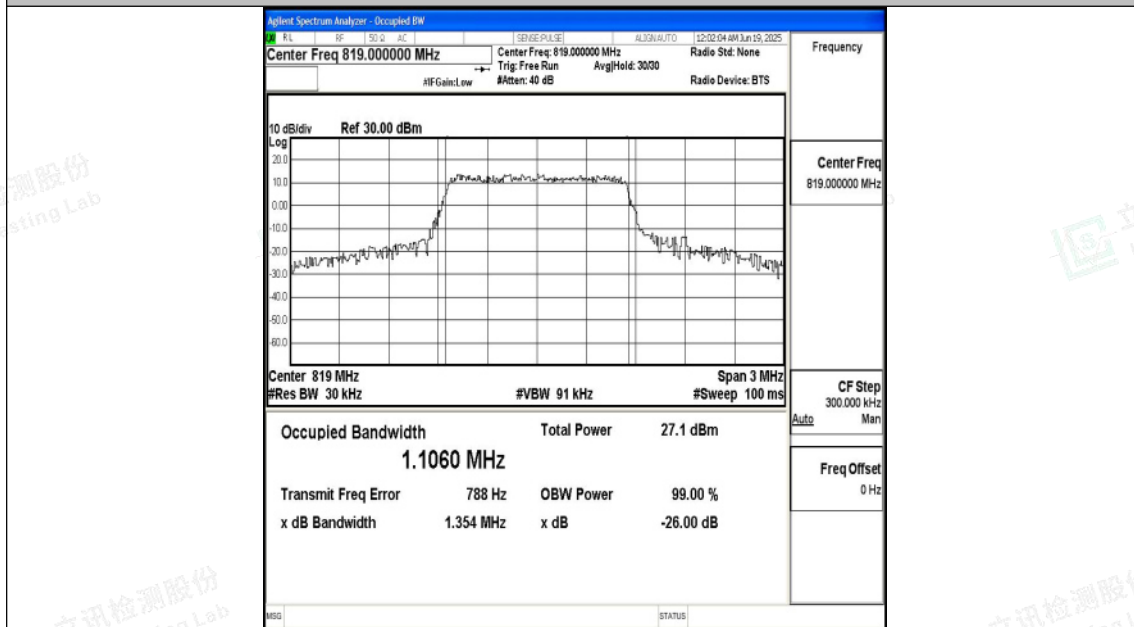
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26(814-824)-1.4MHz-16QAM-26740-6RB#0-PASS

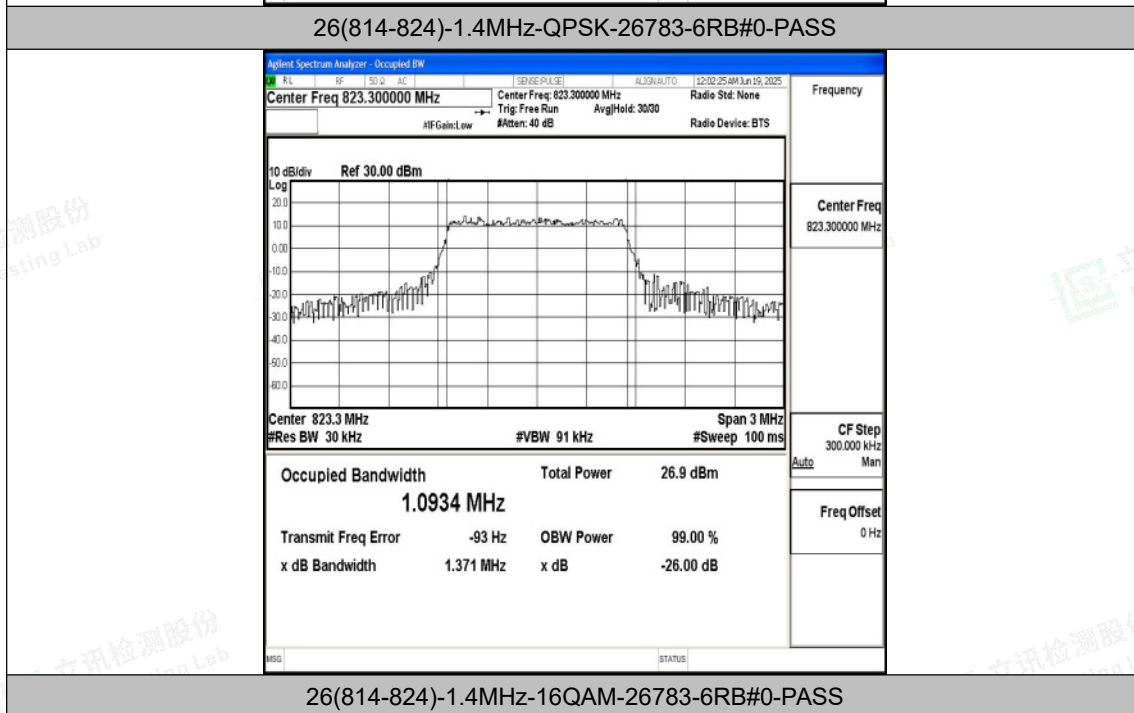
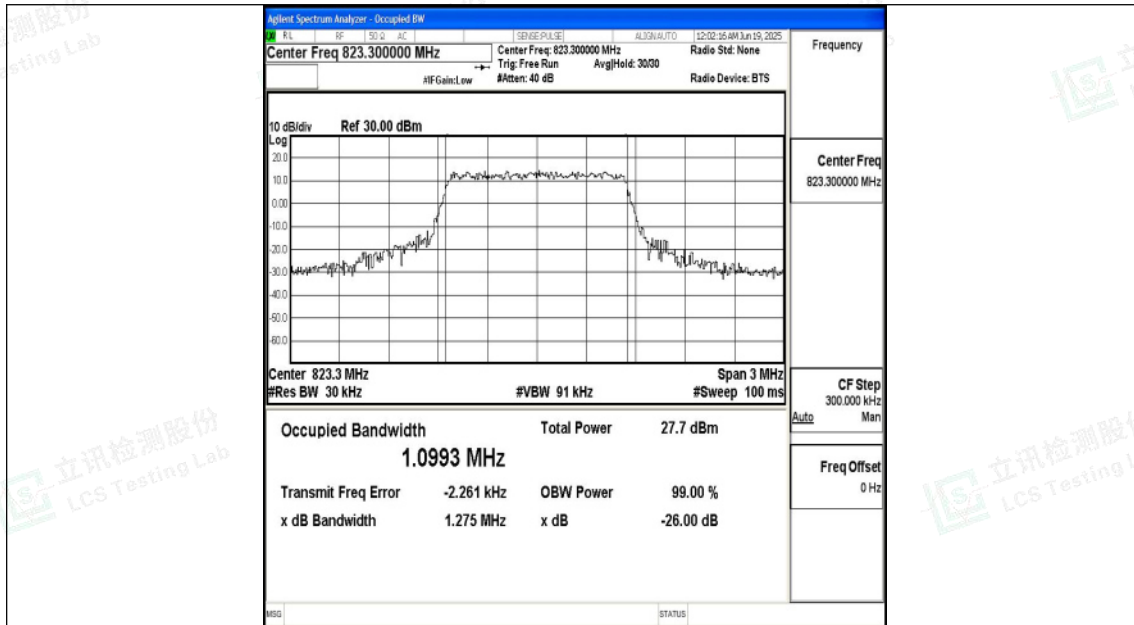


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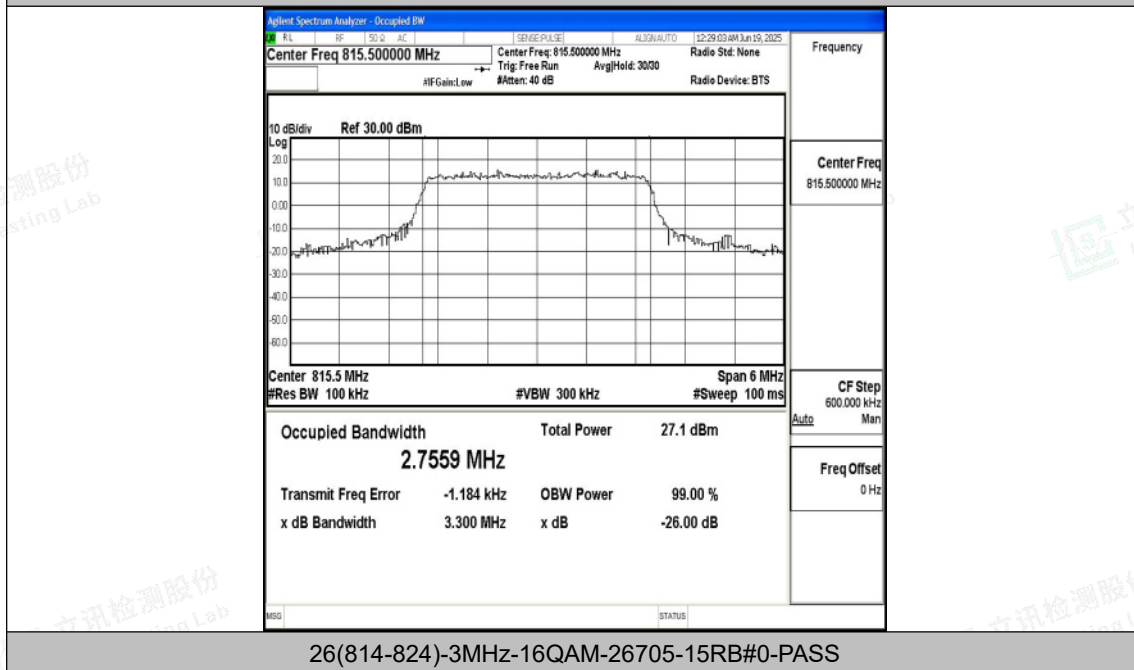
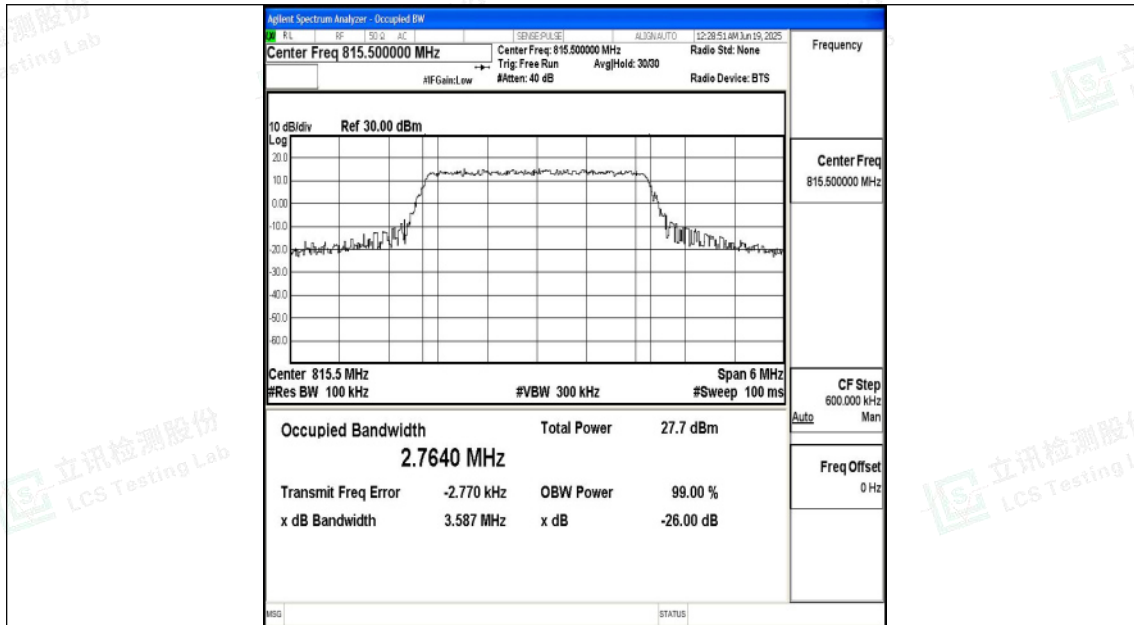


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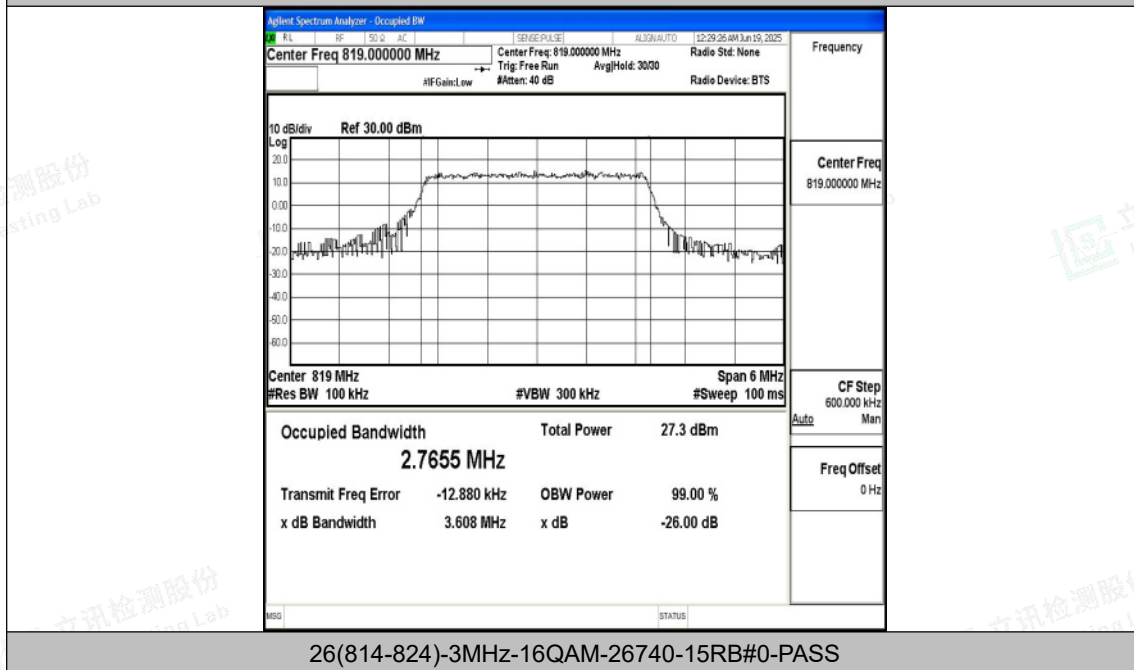
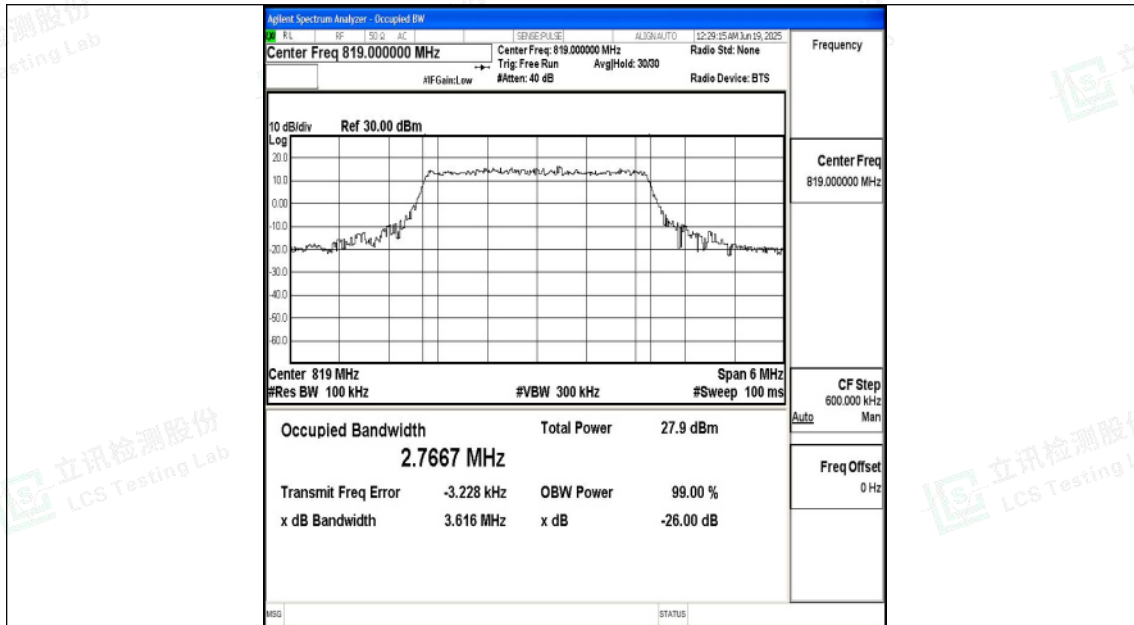


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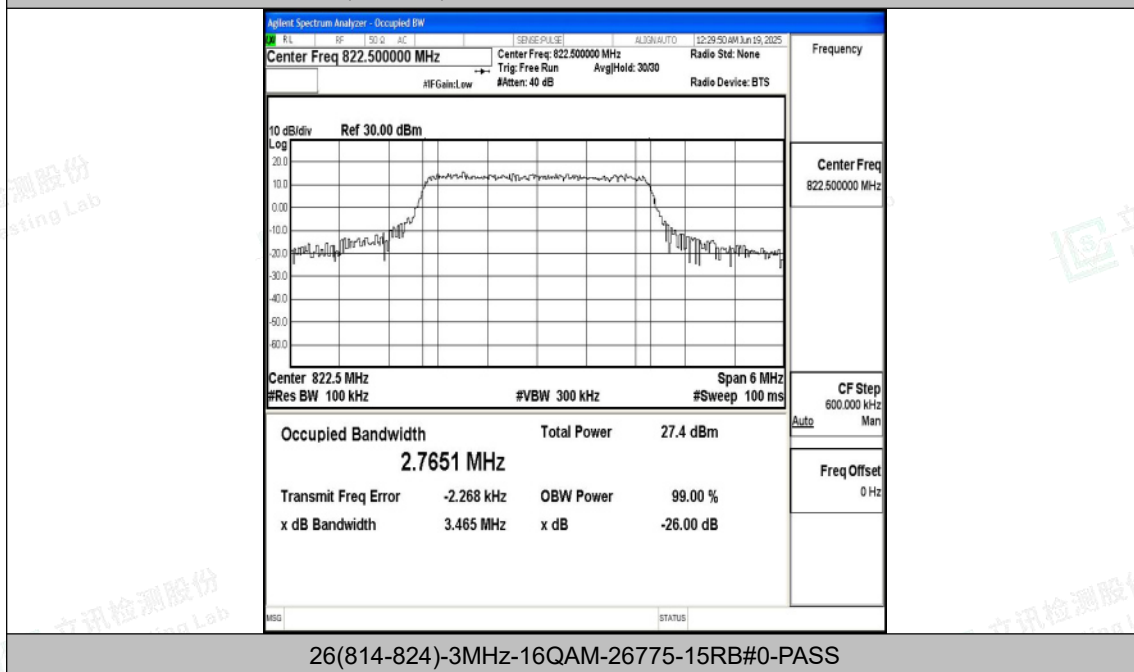
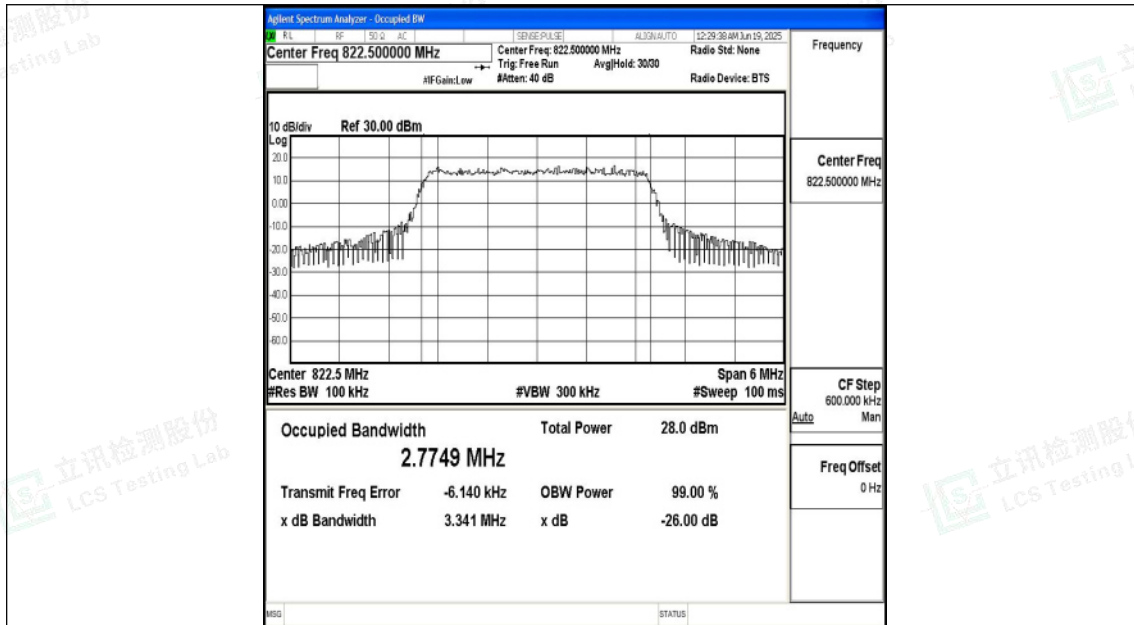


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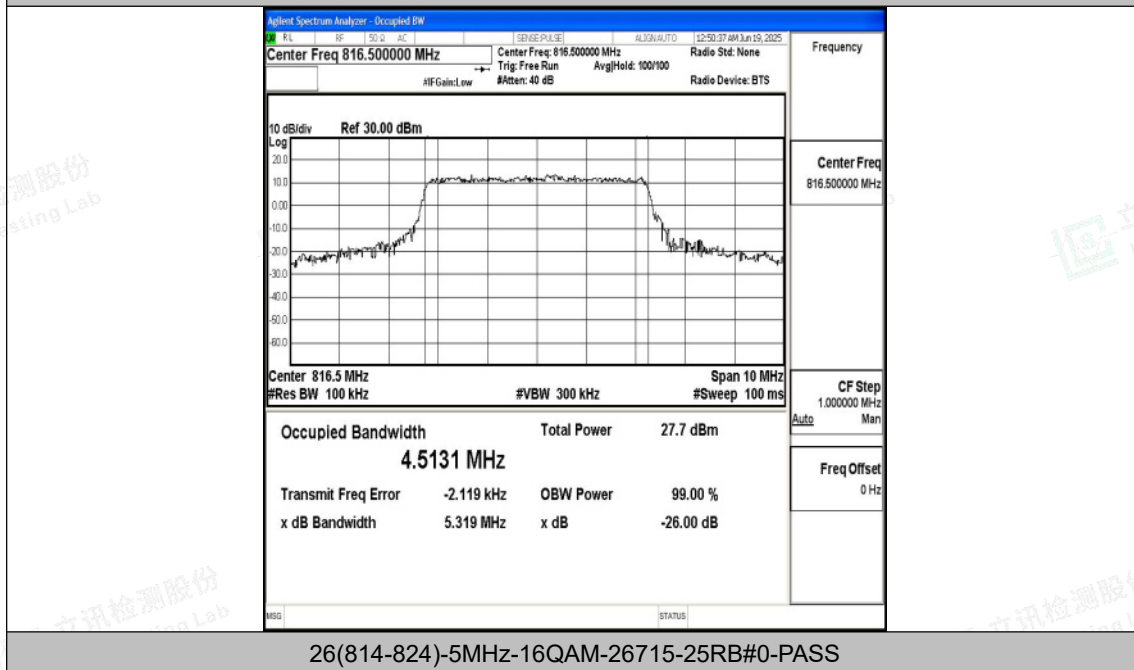
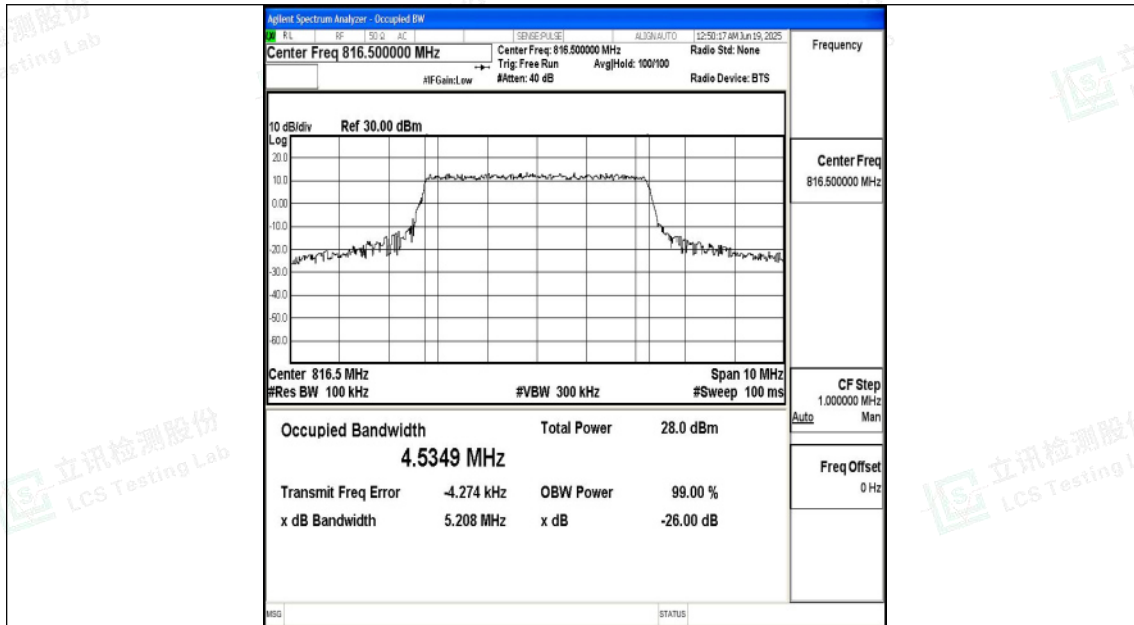


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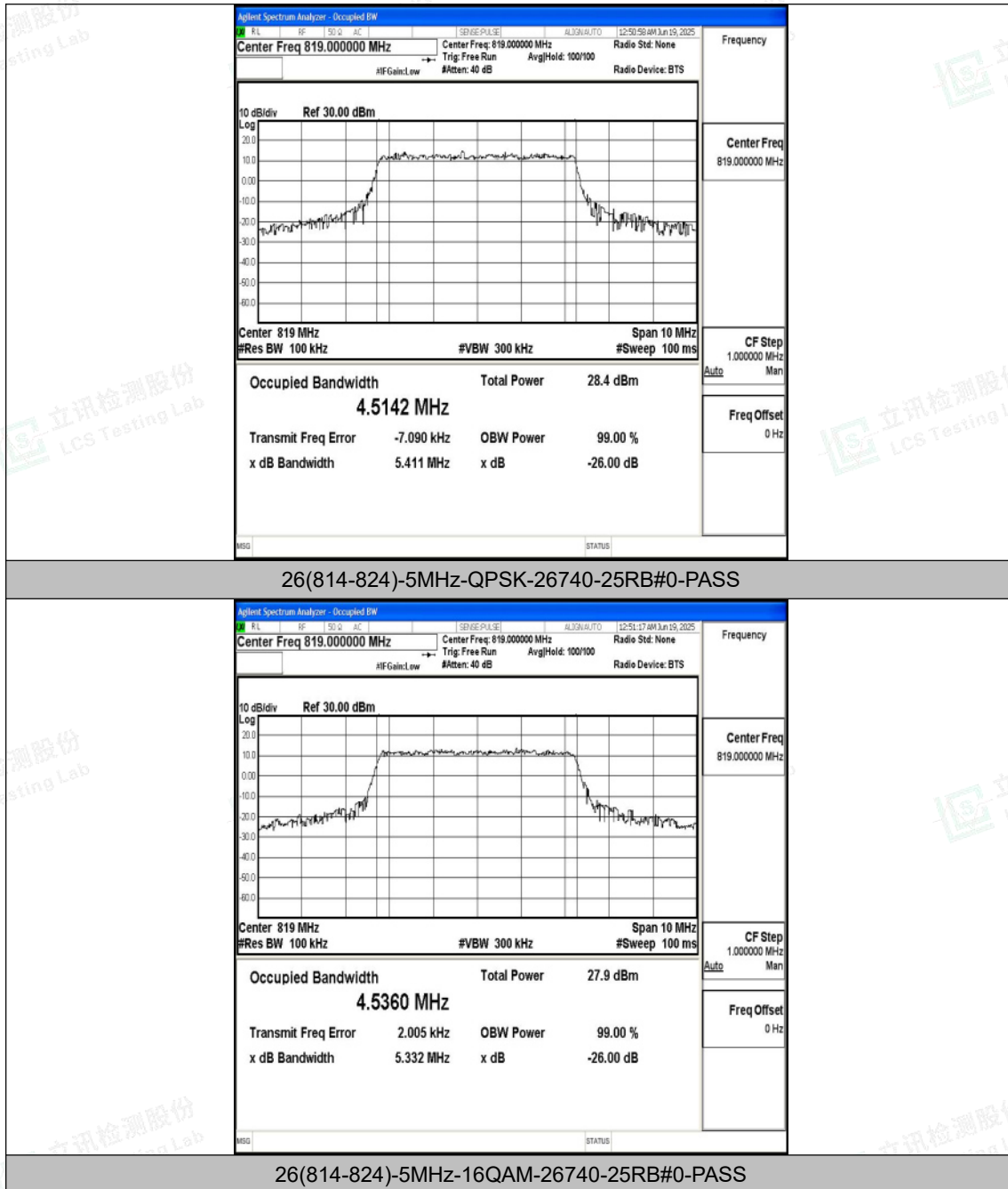


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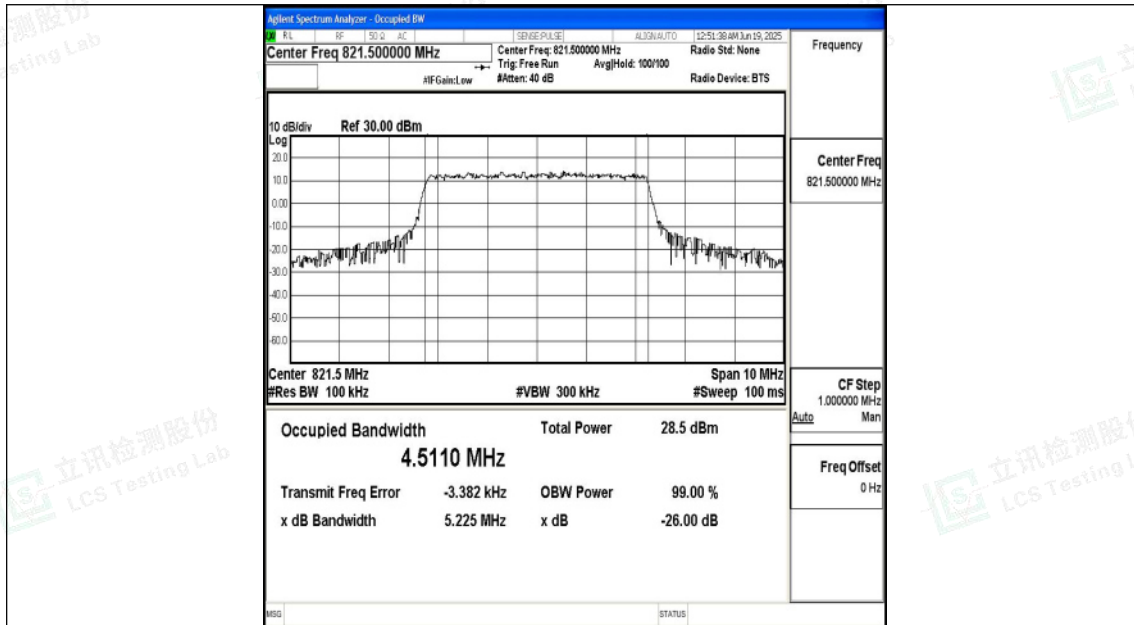


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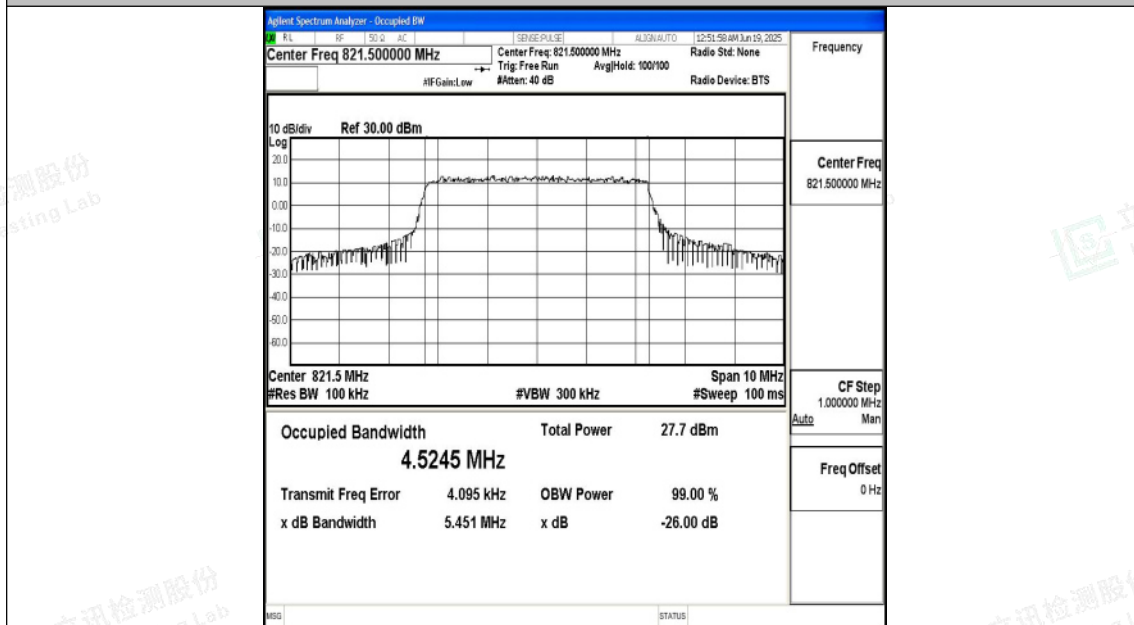
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26(814-824)-5MHz-16QAM-26765-25RB#0-PASS



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