



Appendix L: Test Data for E-UTRA Band 41

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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L.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	21.89	PASS
Band41	5MHz	16QAM	39675	1RB#0	22.18	PASS
Band41	5MHz	QPSK	39675	1RB#12	21.80	PASS
Band41	5MHz	16QAM	39675	1RB#12	22.21	PASS
Band41	5MHz	QPSK	39675	1RB#24	21.84	PASS
Band41	5MHz	16QAM	39675	1RB#24	22.23	PASS
Band41	5MHz	QPSK	39675	12RB#0	21.15	PASS
Band41	5MHz	16QAM	39675	12RB#0	20.23	PASS
Band41	5MHz	QPSK	39675	12RB#6	20.82	PASS
Band41	5MHz	16QAM	39675	12RB#6	20.07	PASS
Band41	5MHz	QPSK	39675	12RB#13	20.83	PASS
Band41	5MHz	16QAM	39675	12RB#13	20.08	PASS
Band41	5MHz	QPSK	39675	25RB#0	20.83	PASS
Band41	5MHz	16QAM	39675	25RB#0	20.09	PASS
Band41	5MHz	QPSK	40620	1RB#0	22.58	PASS
Band41	5MHz	16QAM	40620	1RB#0	22.22	PASS
Band41	5MHz	QPSK	40620	1RB#12	22.53	PASS
Band41	5MHz	16QAM	40620	1RB#12	22.48	PASS
Band41	5MHz	QPSK	40620	1RB#24	22.60	PASS
Band41	5MHz	16QAM	40620	1RB#24	22.41	PASS
Band41	5MHz	QPSK	40620	12RB#0	21.46	PASS
Band41	5MHz	16QAM	40620	12RB#0	20.78	PASS
Band41	5MHz	QPSK	40620	12RB#6	21.47	PASS
Band41	5MHz	16QAM	40620	12RB#6	20.78	PASS
Band41	5MHz	QPSK	40620	12RB#13	21.43	PASS
Band41	5MHz	16QAM	40620	12RB#13	20.80	PASS
Band41	5MHz	QPSK	40620	25RB#0	21.42	PASS
Band41	5MHz	16QAM	40620	25RB#0	20.88	PASS
Band41	5MHz	QPSK	41565	1RB#0	22.02	PASS
Band41	5MHz	16QAM	41565	1RB#0	21.78	PASS
Band41	5MHz	QPSK	41565	1RB#12	21.90	PASS
Band41	5MHz	16QAM	41565	1RB#12	21.75	PASS
Band41	5MHz	QPSK	41565	1RB#24	22.01	PASS
Band41	5MHz	16QAM	41565	1RB#24	21.80	PASS
Band41	5MHz	QPSK	41565	12RB#0	20.97	PASS
Band41	5MHz	16QAM	41565	12RB#0	20.31	PASS



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Band41	5MHz	QPSK	41565	12RB#6	20.98	PASS
Band41	5MHz	16QAM	41565	12RB#6	20.31	PASS
Band41	5MHz	QPSK	41565	12RB#13	20.89	PASS
Band41	5MHz	16QAM	41565	12RB#13	20.20	PASS
Band41	5MHz	QPSK	41565	25RB#0	20.95	PASS
Band41	5MHz	16QAM	41565	25RB#0	20.49	PASS
Band41	10MHz	QPSK	39700	1RB#0	22.37	PASS
Band41	10MHz	16QAM	39700	1RB#0	21.86	PASS
Band41	10MHz	QPSK	39700	1RB#24	22.41	PASS
Band41	10MHz	16QAM	39700	1RB#24	21.82	PASS
Band41	10MHz	QPSK	39700	1RB#49	22.36	PASS
Band41	10MHz	16QAM	39700	1RB#49	21.89	PASS
Band41	10MHz	QPSK	39700	25RB#0	21.40	PASS
Band41	10MHz	16QAM	39700	25RB#0	20.88	PASS
Band41	10MHz	QPSK	39700	25RB#12	21.41	PASS
Band41	10MHz	16QAM	39700	25RB#12	20.88	PASS
Band41	10MHz	QPSK	39700	25RB#25	21.42	PASS
Band41	10MHz	16QAM	39700	25RB#25	20.79	PASS
Band41	10MHz	QPSK	39700	50RB#0	21.49	PASS
Band41	10MHz	16QAM	39700	50RB#0	20.88	PASS
Band41	10MHz	QPSK	40620	1RB#0	22.81	PASS
Band41	10MHz	16QAM	40620	1RB#0	22.76	PASS
Band41	10MHz	QPSK	40620	1RB#24	22.73	PASS
Band41	10MHz	16QAM	40620	1RB#24	22.70	PASS
Band41	10MHz	QPSK	40620	1RB#49	22.81	PASS
Band41	10MHz	16QAM	40620	1RB#49	22.63	PASS
Band41	10MHz	QPSK	40620	25RB#0	21.61	PASS
Band41	10MHz	16QAM	40620	25RB#0	21.00	PASS
Band41	10MHz	QPSK	40620	25RB#12	21.56	PASS
Band41	10MHz	16QAM	40620	25RB#12	21.00	PASS
Band41	10MHz	QPSK	40620	25RB#25	21.63	PASS
Band41	10MHz	16QAM	40620	25RB#25	21.02	PASS
Band41	10MHz	QPSK	40620	50RB#0	21.66	PASS
Band41	10MHz	16QAM	40620	50RB#0	21.03	PASS
Band41	10MHz	QPSK	41540	1RB#0	22.17	PASS
Band41	10MHz	16QAM	41540	1RB#0	21.94	PASS
Band41	10MHz	QPSK	41540	1RB#24	22.18	PASS
Band41	10MHz	16QAM	41540	1RB#24	21.93	PASS
Band41	10MHz	QPSK	41540	1RB#49	22.09	PASS
Band41	10MHz	16QAM	41540	1RB#49	21.94	PASS



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Band41	10MHz	QPSK	41540	25RB#0	21.08	PASS
Band41	10MHz	16QAM	41540	25RB#0	20.31	PASS
Band41	10MHz	QPSK	41540	25RB#12	21.10	PASS
Band41	10MHz	16QAM	41540	25RB#12	20.31	PASS
Band41	10MHz	QPSK	41540	25RB#25	20.99	PASS
Band41	10MHz	16QAM	41540	25RB#25	20.36	PASS
Band41	10MHz	QPSK	41540	50RB#0	21.14	PASS
Band41	10MHz	16QAM	41540	50RB#0	20.40	PASS
Band41	15MHz	QPSK	39725	1RB#0	22.72	PASS
Band41	15MHz	16QAM	39725	1RB#0	22.64	PASS
Band41	15MHz	QPSK	39725	1RB#38	22.75	PASS
Band41	15MHz	16QAM	39725	1RB#38	22.71	PASS
Band41	15MHz	QPSK	39725	1RB#74	22.81	PASS
Band41	15MHz	16QAM	39725	1RB#74	22.73	PASS
Band41	15MHz	QPSK	39725	38RB#0	21.78	PASS
Band41	15MHz	16QAM	39725	38RB#0	21.78	PASS
Band41	15MHz	QPSK	39725	38RB#18	21.78	PASS
Band41	15MHz	16QAM	39725	38RB#18	21.78	PASS
Band41	15MHz	QPSK	39725	38RB#37	21.78	PASS
Band41	15MHz	16QAM	39725	38RB#37	21.77	PASS
Band41	15MHz	QPSK	39725	75RB#0	21.77	PASS
Band41	15MHz	16QAM	39725	75RB#0	21.03	PASS
Band41	15MHz	QPSK	40620	1RB#0	22.76	PASS
Band41	15MHz	16QAM	40620	1RB#0	22.75	PASS
Band41	15MHz	QPSK	40620	1RB#38	22.78	PASS
Band41	15MHz	16QAM	40620	1RB#38	22.67	PASS
Band41	15MHz	QPSK	40620	1RB#74	22.68	PASS
Band41	15MHz	16QAM	40620	1RB#74	22.65	PASS
Band41	15MHz	QPSK	40620	38RB#0	21.70	PASS
Band41	15MHz	16QAM	40620	38RB#0	21.71	PASS
Band41	15MHz	QPSK	40620	38RB#18	21.71	PASS
Band41	15MHz	16QAM	40620	38RB#18	21.71	PASS
Band41	15MHz	QPSK	40620	38RB#37	21.71	PASS
Band41	15MHz	16QAM	40620	38RB#37	21.71	PASS
Band41	15MHz	QPSK	40620	75RB#0	21.71	PASS
Band41	15MHz	16QAM	40620	75RB#0	20.94	PASS
Band41	15MHz	QPSK	41515	1RB#0	22.12	PASS
Band41	15MHz	16QAM	41515	1RB#0	21.90	PASS
Band41	15MHz	QPSK	41515	1RB#38	22.13	PASS
Band41	15MHz	16QAM	41515	1RB#38	21.95	PASS



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Band41	15MHz	QPSK	41515	1RB#74	21.86	PASS
Band41	15MHz	16QAM	41515	1RB#74	21.18	PASS
Band41	15MHz	QPSK	41515	38RB#0	20.93	PASS
Band41	15MHz	16QAM	41515	38RB#0	20.93	PASS
Band41	15MHz	QPSK	41515	38RB#18	20.93	PASS
Band41	15MHz	16QAM	41515	38RB#18	20.93	PASS
Band41	15MHz	QPSK	41515	38RB#37	20.93	PASS
Band41	15MHz	16QAM	41515	38RB#37	20.93	PASS
Band41	15MHz	QPSK	41515	75RB#0	20.93	PASS
Band41	15MHz	16QAM	41515	75RB#0	20.32	PASS
Band41	20MHz	QPSK	39750	1RB#0	22.37	PASS
Band41	20MHz	16QAM	39750	1RB#0	21.90	PASS
Band41	20MHz	QPSK	39750	1RB#49	22.74	PASS
Band41	20MHz	16QAM	39750	1RB#49	21.89	PASS
Band41	20MHz	QPSK	39750	1RB#99	22.43	PASS
Band41	20MHz	16QAM	39750	1RB#99	22.07	PASS
Band41	20MHz	QPSK	39750	50RB#0	21.75	PASS
Band41	20MHz	16QAM	39750	50RB#0	21.19	PASS
Band41	20MHz	QPSK	39750	50RB#25	21.75	PASS
Band41	20MHz	16QAM	39750	50RB#25	21.23	PASS
Band41	20MHz	QPSK	39750	50RB#50	21.81	PASS
Band41	20MHz	16QAM	39750	50RB#50	21.27	PASS
Band41	20MHz	QPSK	39750	100RB#0	21.69	PASS
Band41	20MHz	16QAM	39750	100RB#0	21.04	PASS
Band41	20MHz	QPSK	40620	1RB#0	22.35	PASS
Band41	20MHz	16QAM	40620	1RB#0	22.59	PASS
Band41	20MHz	QPSK	40620	1RB#49	22.36	PASS
Band41	20MHz	16QAM	40620	1RB#49	22.17	PASS
Band41	20MHz	QPSK	40620	1RB#99	22.33	PASS
Band41	20MHz	16QAM	40620	1RB#99	22.33	PASS
Band41	20MHz	QPSK	40620	50RB#0	21.65	PASS
Band41	20MHz	16QAM	40620	50RB#0	21.10	PASS
Band41	20MHz	QPSK	40620	50RB#25	21.66	PASS
Band41	20MHz	16QAM	40620	50RB#25	21.10	PASS
Band41	20MHz	QPSK	40620	50RB#50	21.69	PASS
Band41	20MHz	16QAM	40620	50RB#50	20.86	PASS
Band41	20MHz	QPSK	40620	100RB#0	21.44	PASS
Band41	20MHz	16QAM	40620	100RB#0	20.90	PASS
Band41	20MHz	QPSK	41490	1RB#0	21.75	PASS
Band41	20MHz	16QAM	41490	1RB#0	21.97	PASS



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Band41	20MHz	QPSK	41490	1RB#49	21.88	PASS
Band41	20MHz	16QAM	41490	1RB#49	22.04	PASS
Band41	20MHz	QPSK	41490	1RB#99	21.85	PASS
Band41	20MHz	16QAM	41490	1RB#99	22.03	PASS
Band41	20MHz	QPSK	41490	50RB#0	20.95	PASS
Band41	20MHz	16QAM	41490	50RB#0	20.17	PASS
Band41	20MHz	QPSK	41490	50RB#25	20.81	PASS
Band41	20MHz	16QAM	41490	50RB#25	20.34	PASS
Band41	20MHz	QPSK	41490	50RB#50	20.89	PASS
Band41	20MHz	16QAM	41490	50RB#50	20.25	PASS
Band41	20MHz	QPSK	41490	100RB#0	20.86	PASS
Band41	20MHz	16QAM	41490	100RB#0	20.15	PASS



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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	8.32	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	8.71	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	9.07	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	9.67	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	8.63	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	9.01	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	9.07	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	9.69	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	8.44	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	8.75	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	8.96	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	9.71	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	8.57	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	8.78	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.92	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	9.52	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	8.42	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	8.69	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	9.22	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	9.88	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	8.49	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	8.62	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	9.30	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.85	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	8.10	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	8.28	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	8.93	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	9.96	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	8.22	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	8.89	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	9.47	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	9.85	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	8.46	13	PASS
Band41	15MHz	16QAM	41515	1RB#0	9.03	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	9.32	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	9.81	13	PASS



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Band41	20MHz	QPSK	39750	1RB#0	8.47	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	8.17	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	8.80	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	9.50	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	8.27	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	8.58	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	9.06	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	9.63	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	7.97	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	8.26	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	9.22	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	10.01	13	PASS



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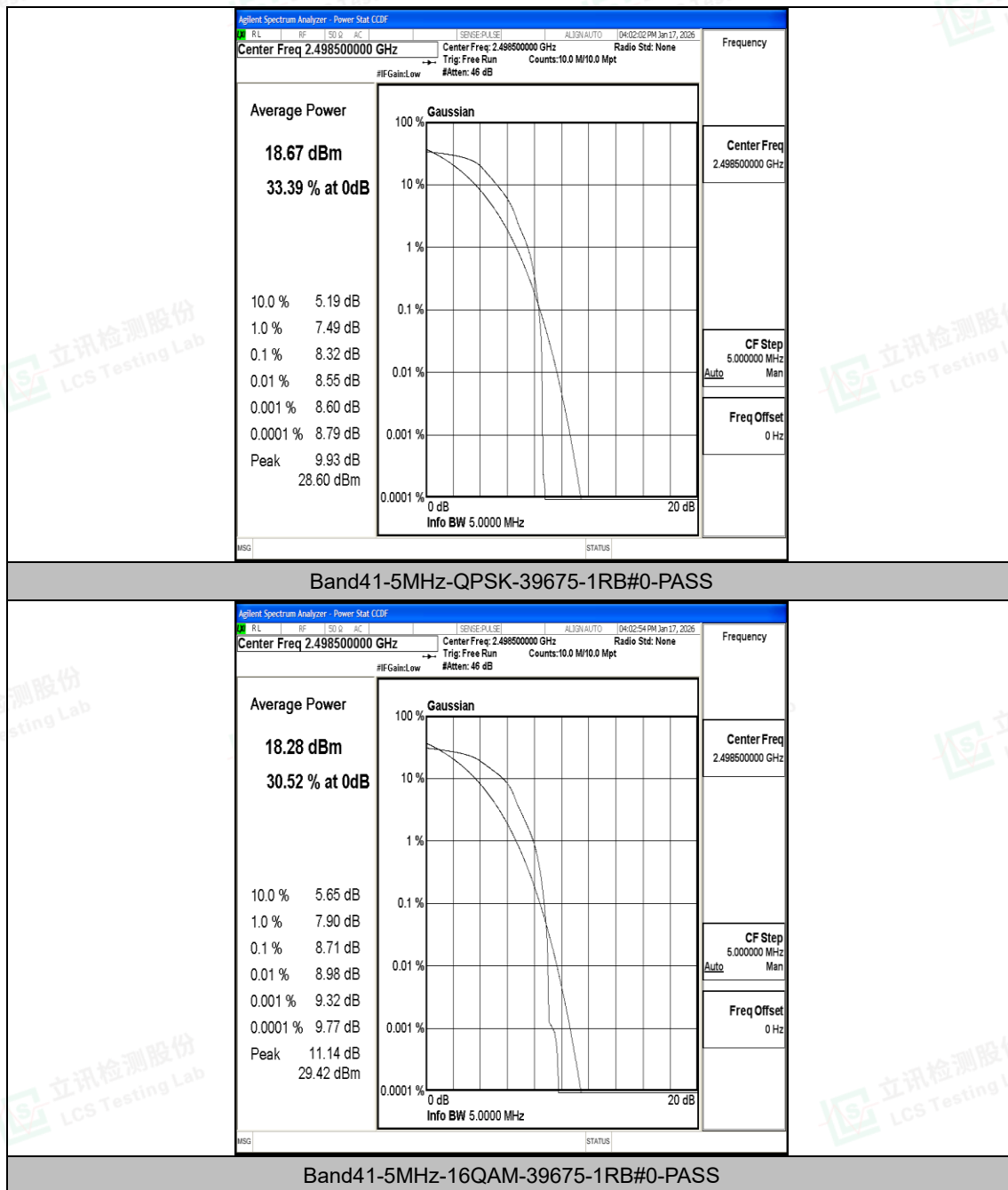
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Test Graphs

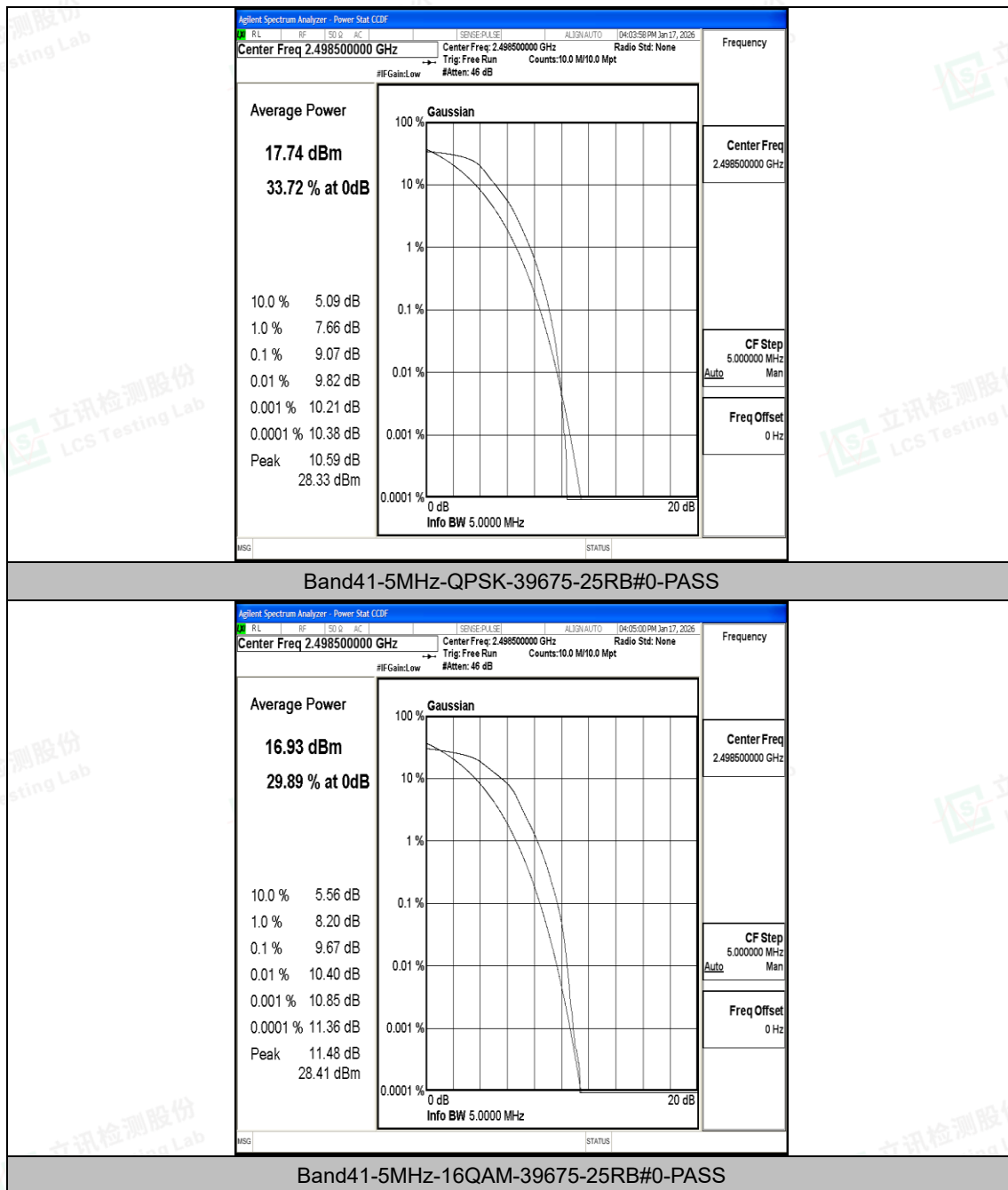


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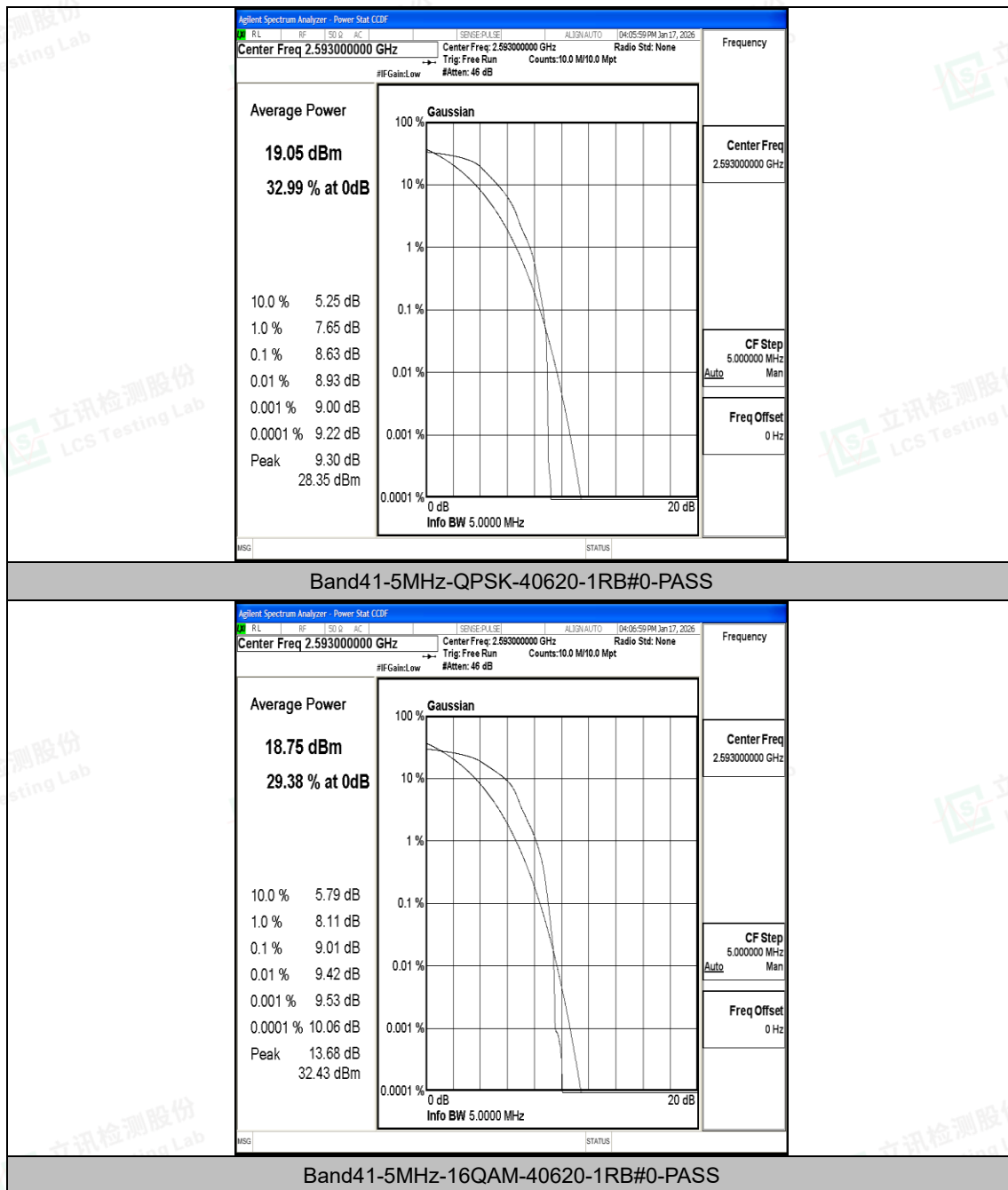


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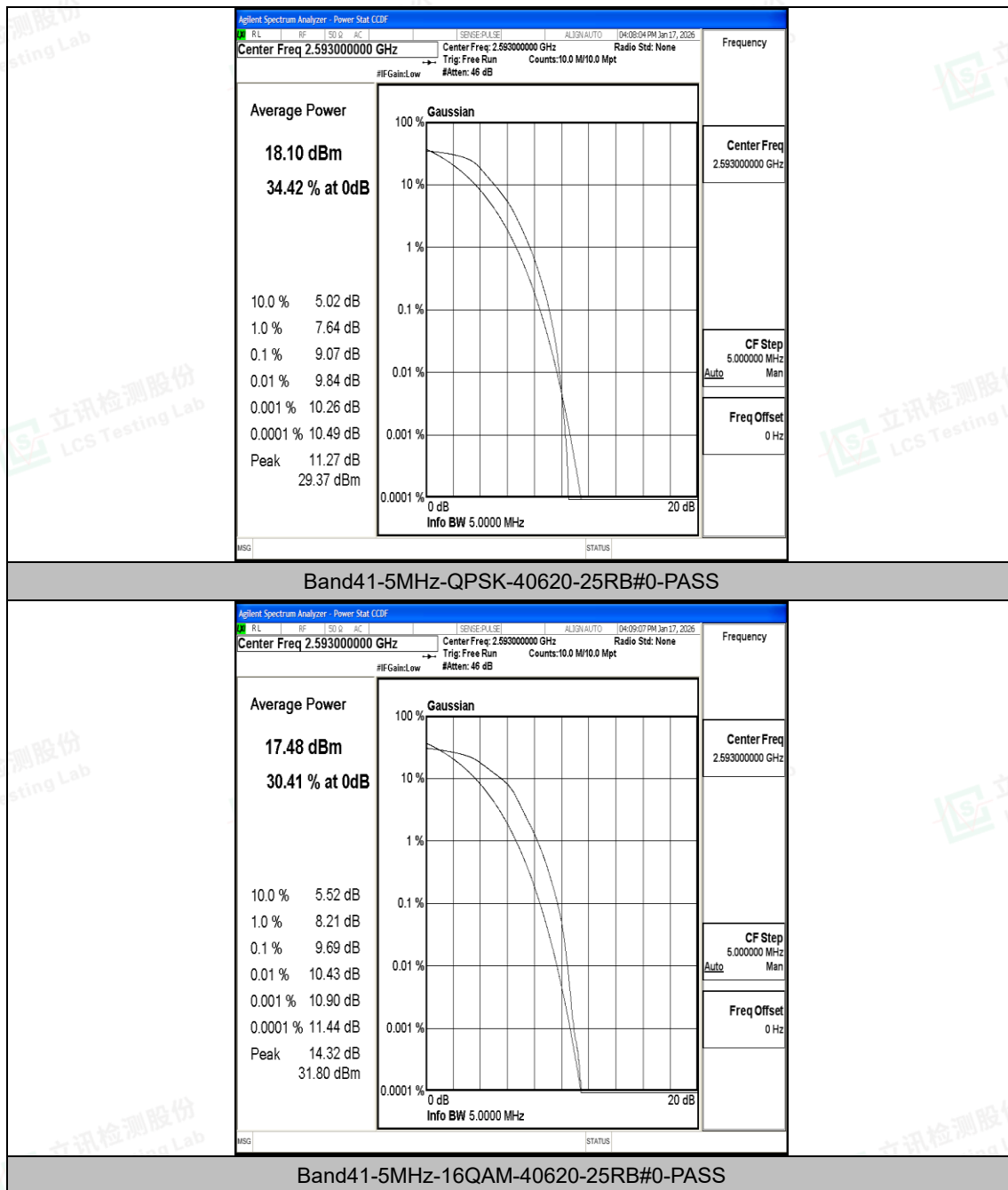


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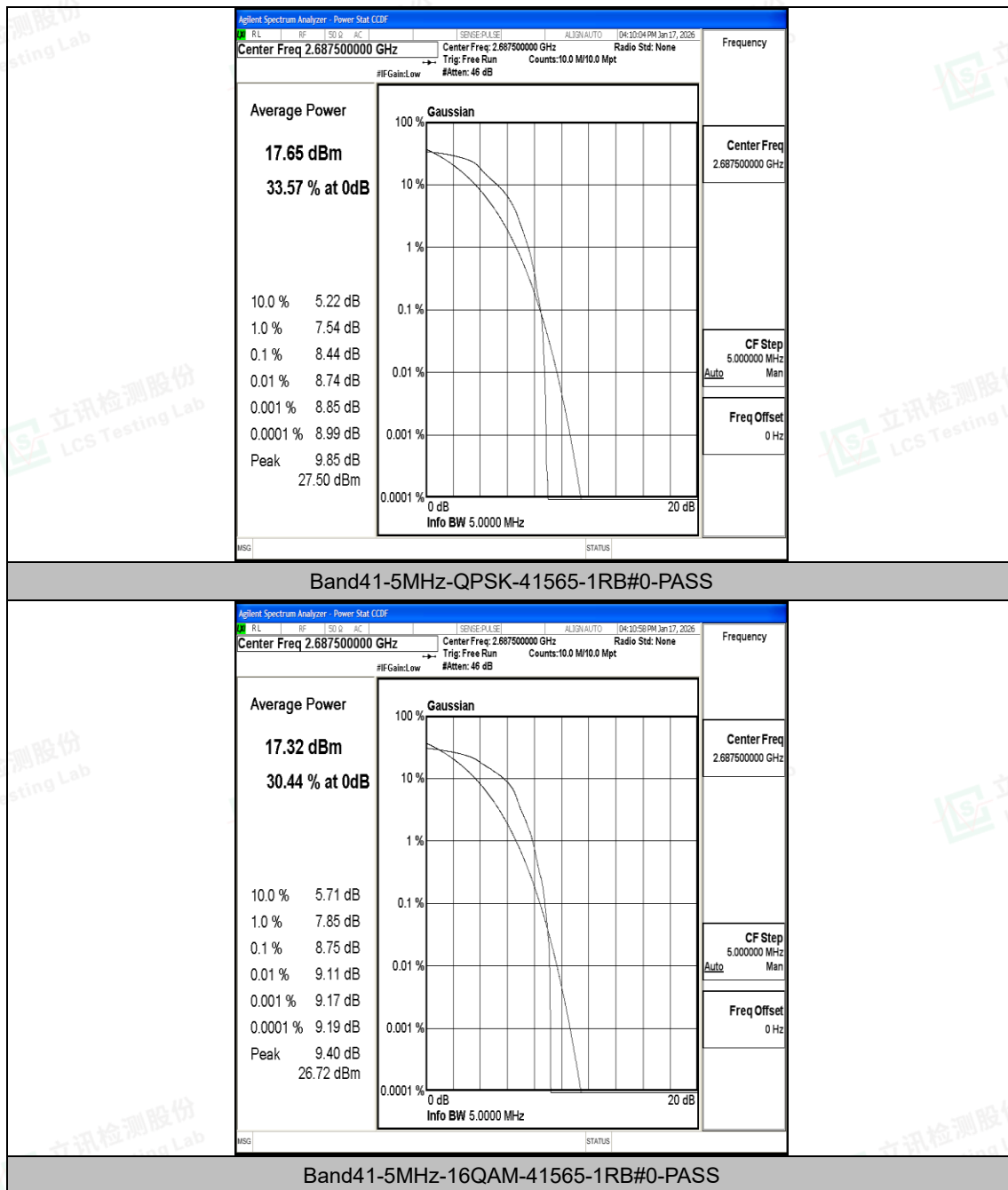


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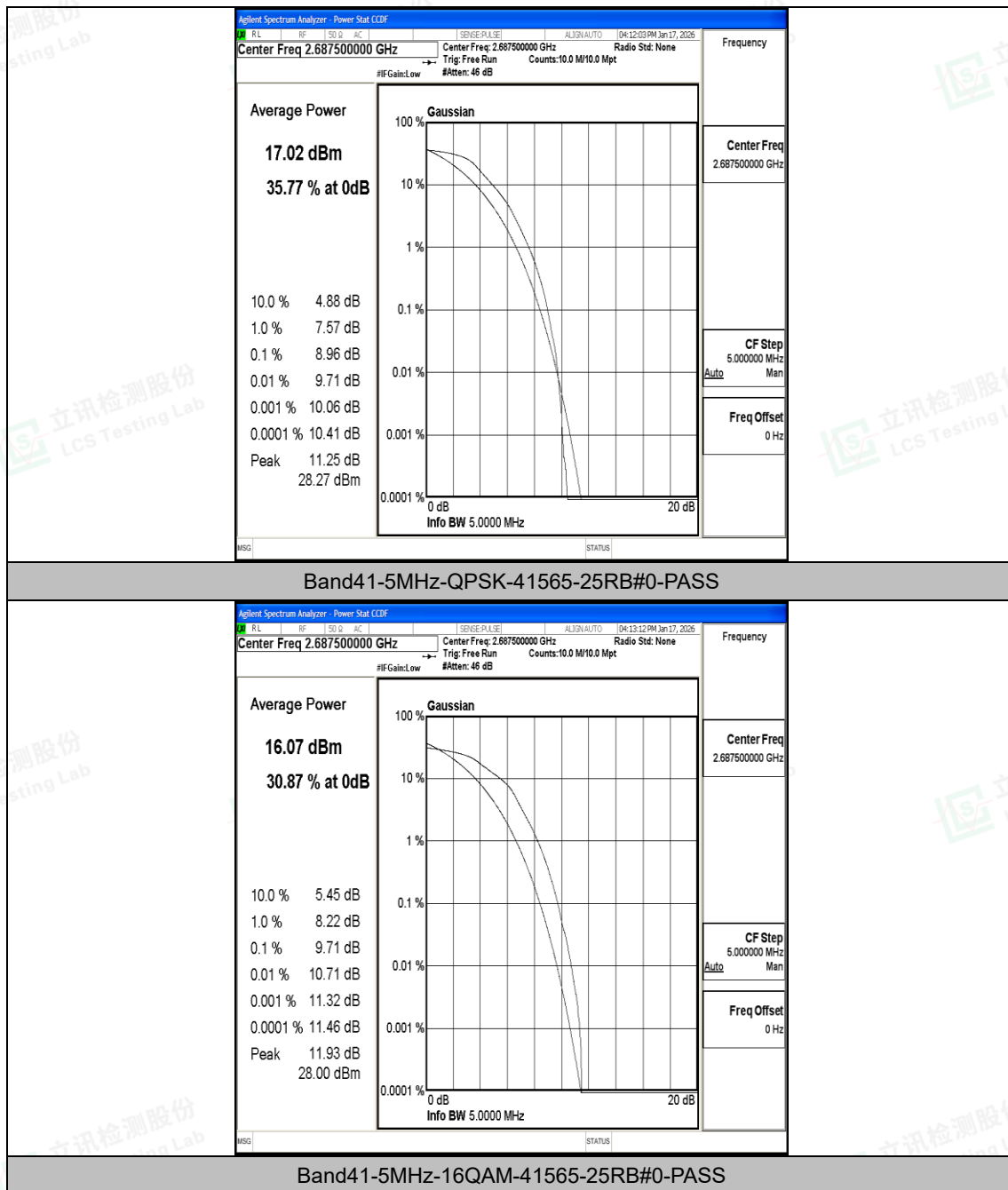


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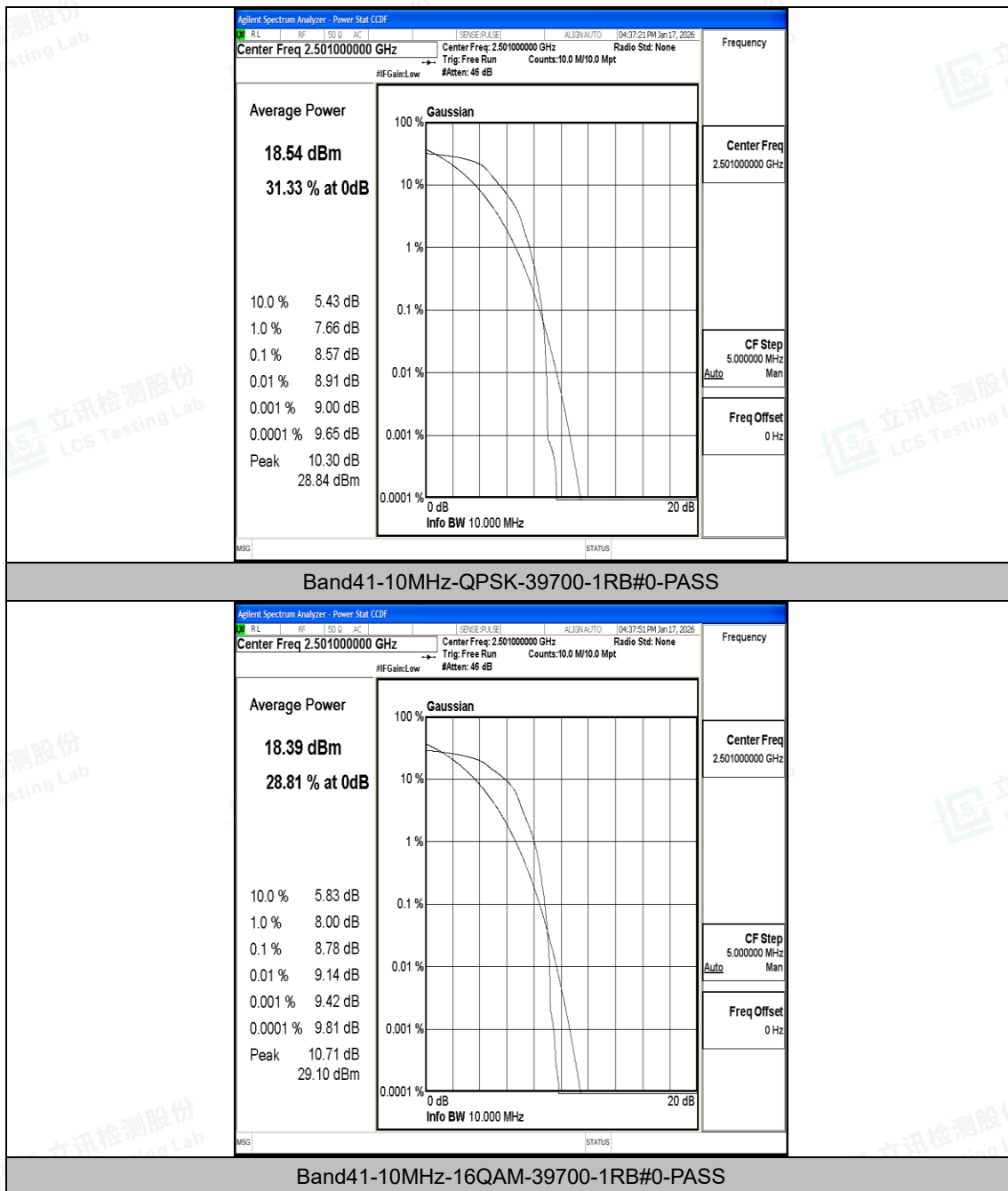


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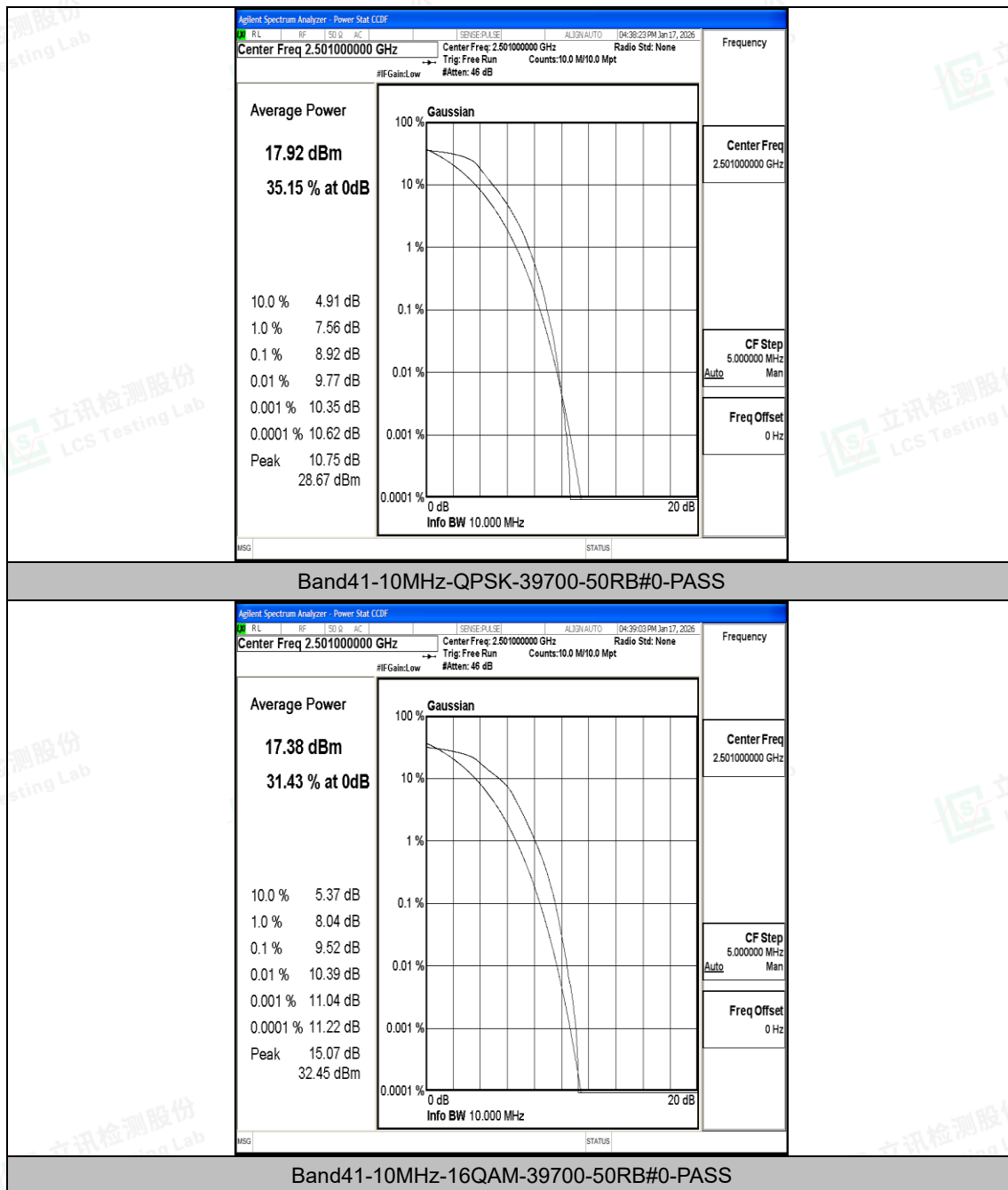


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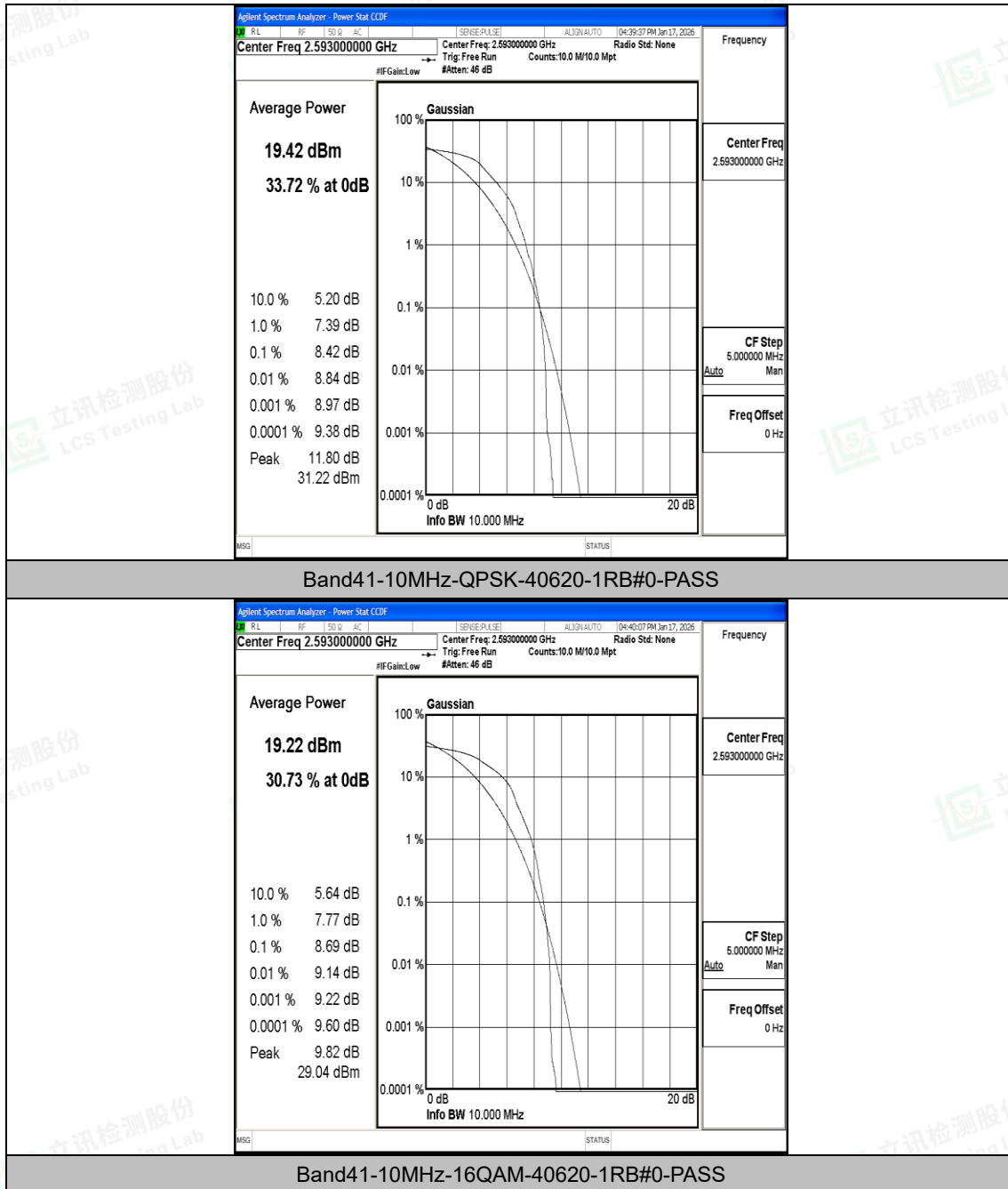


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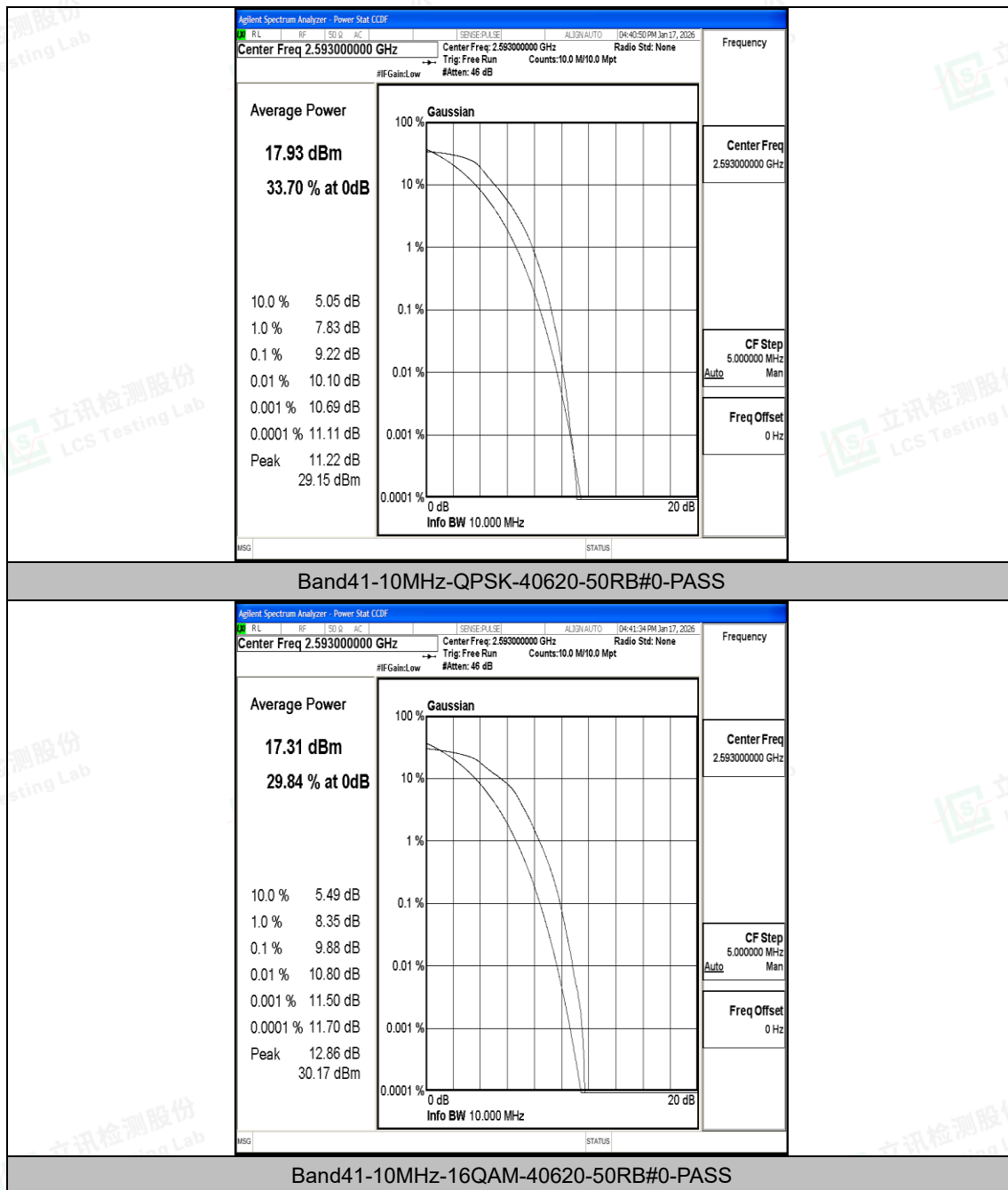


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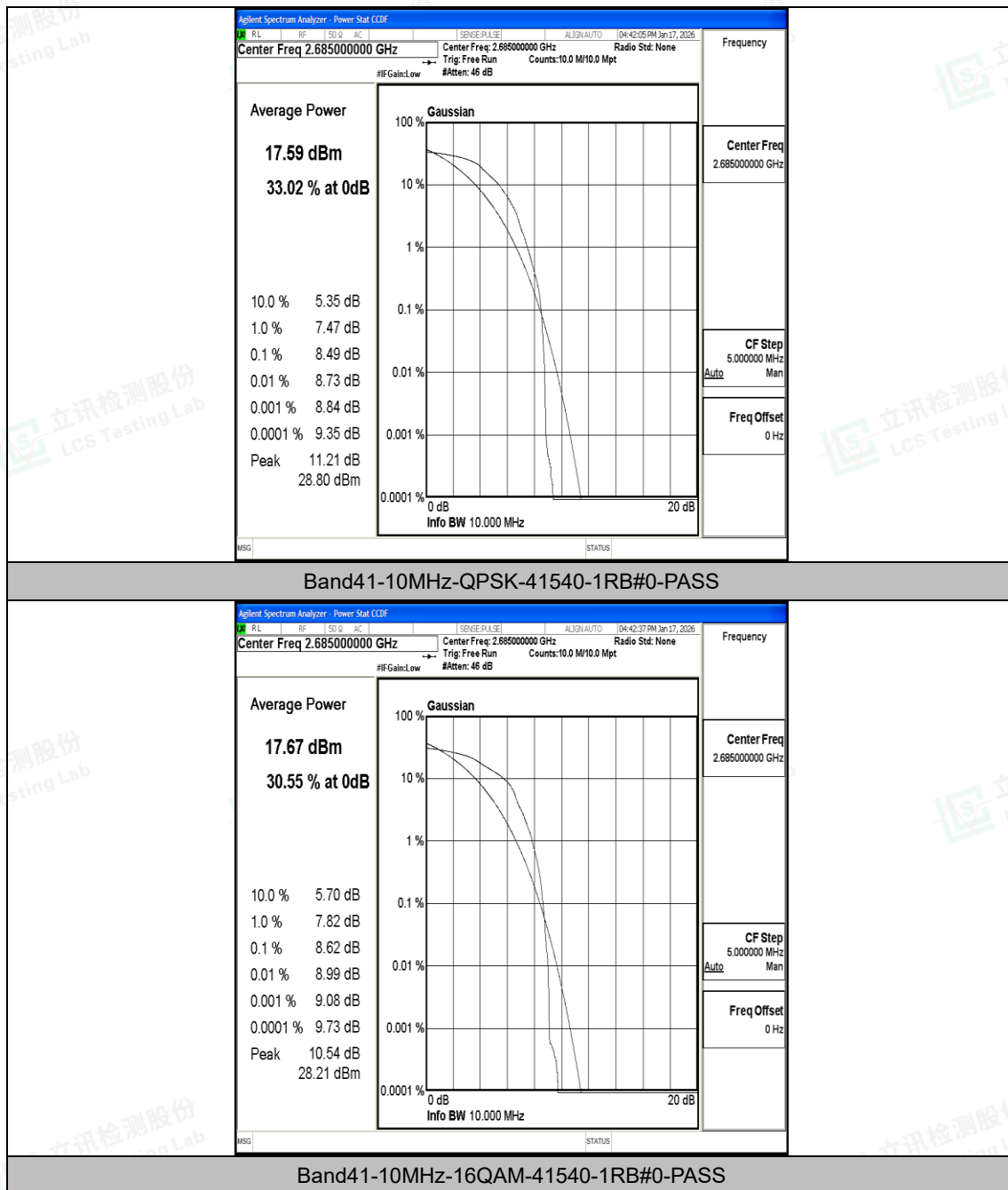


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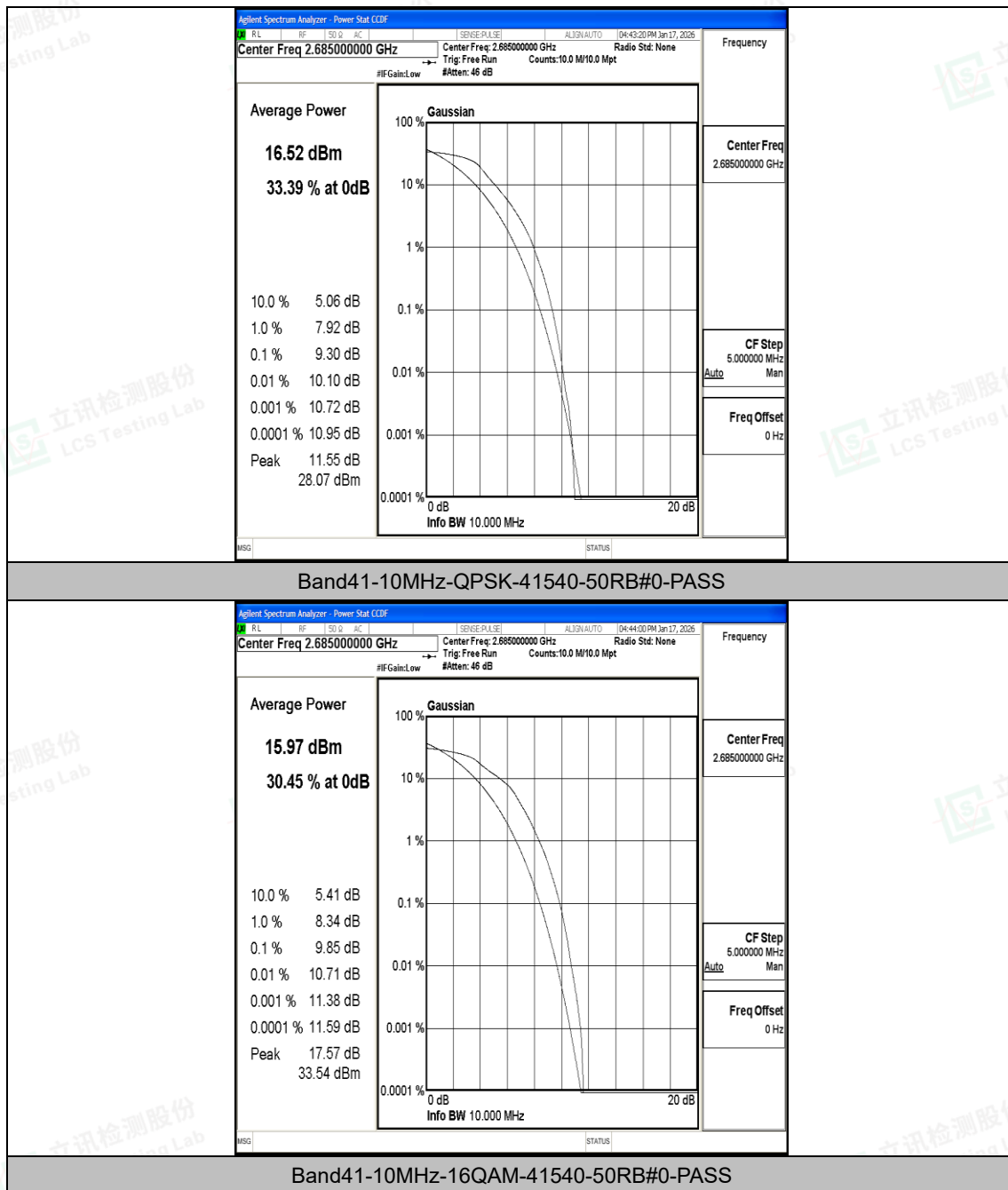


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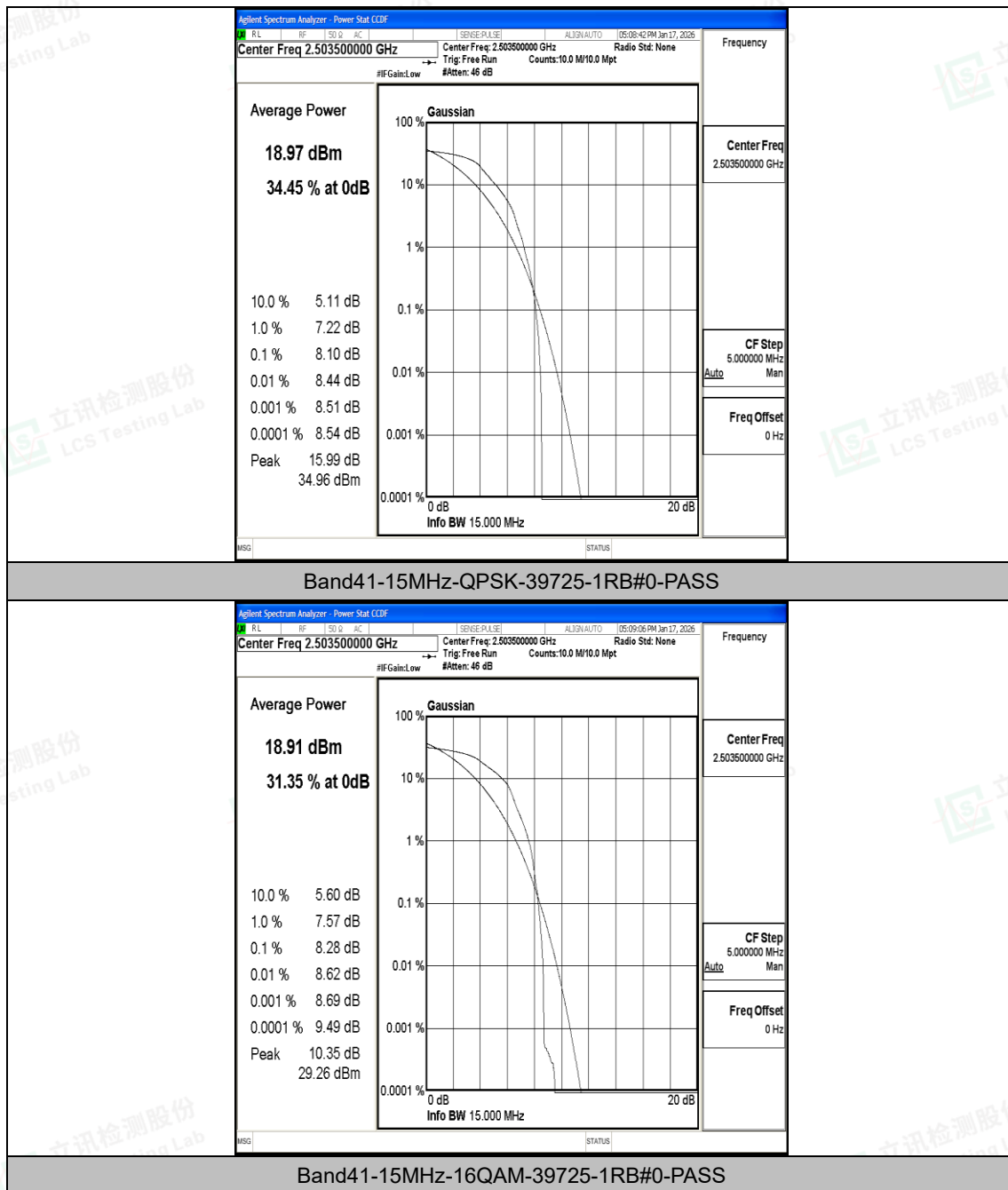


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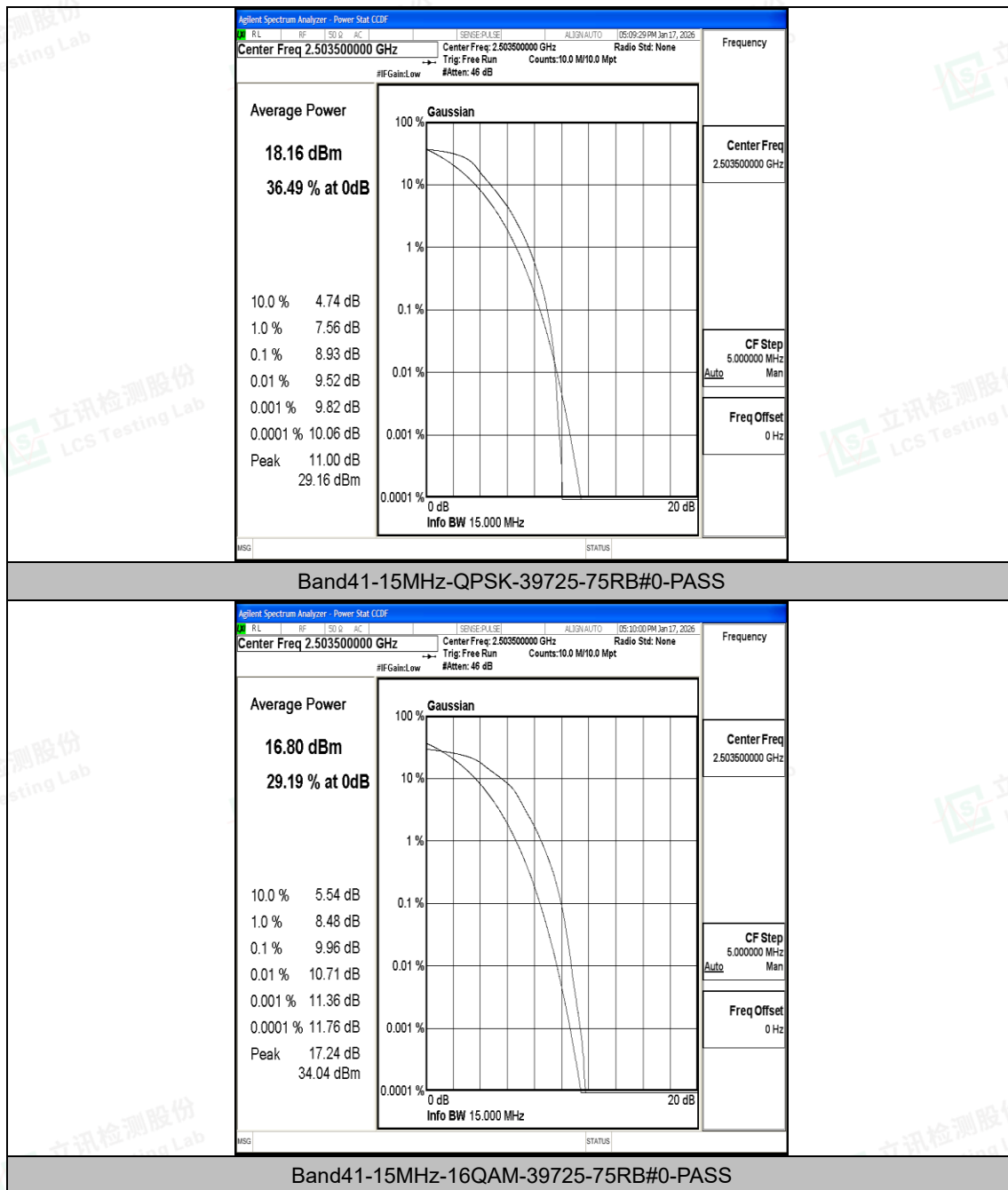


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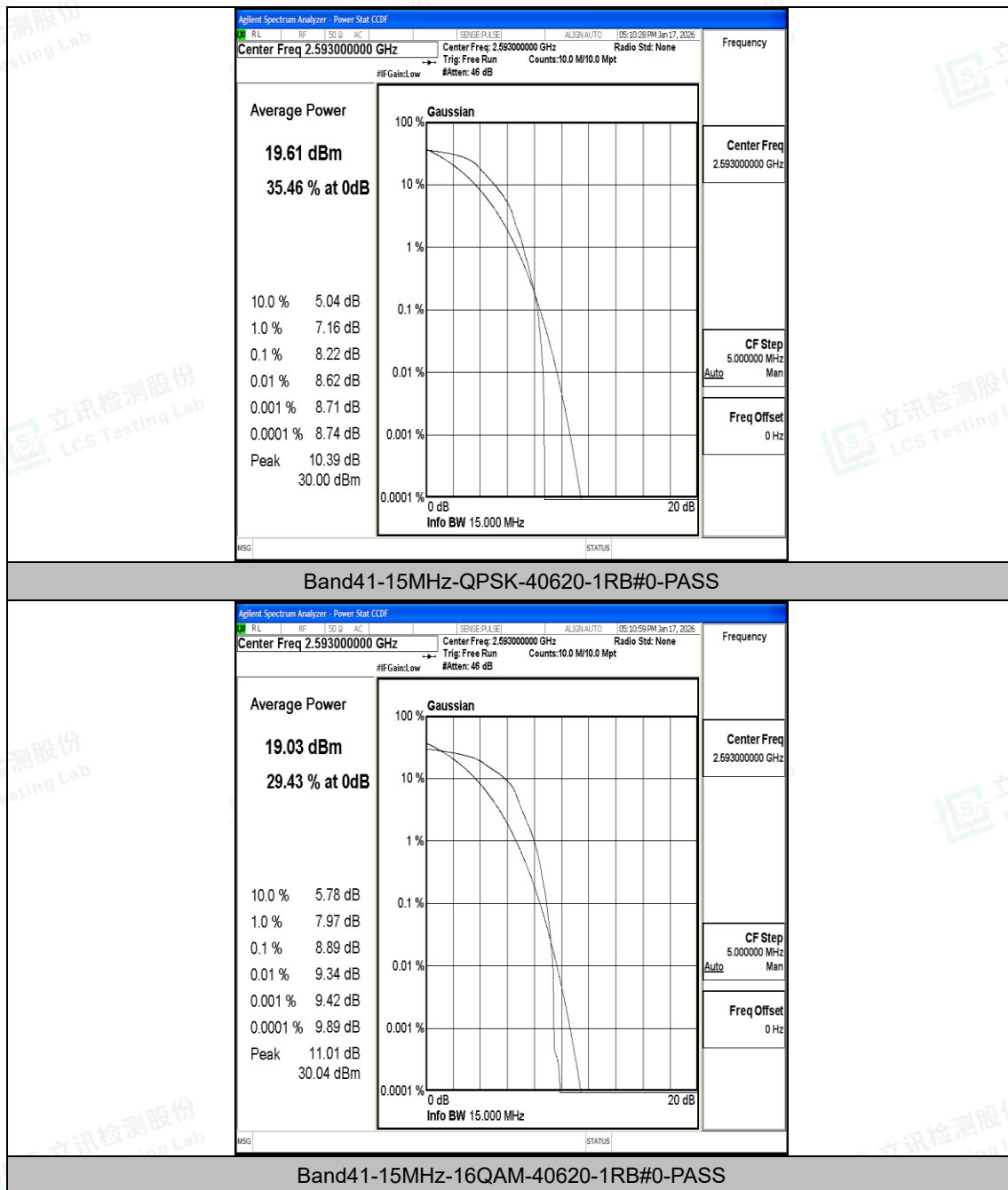


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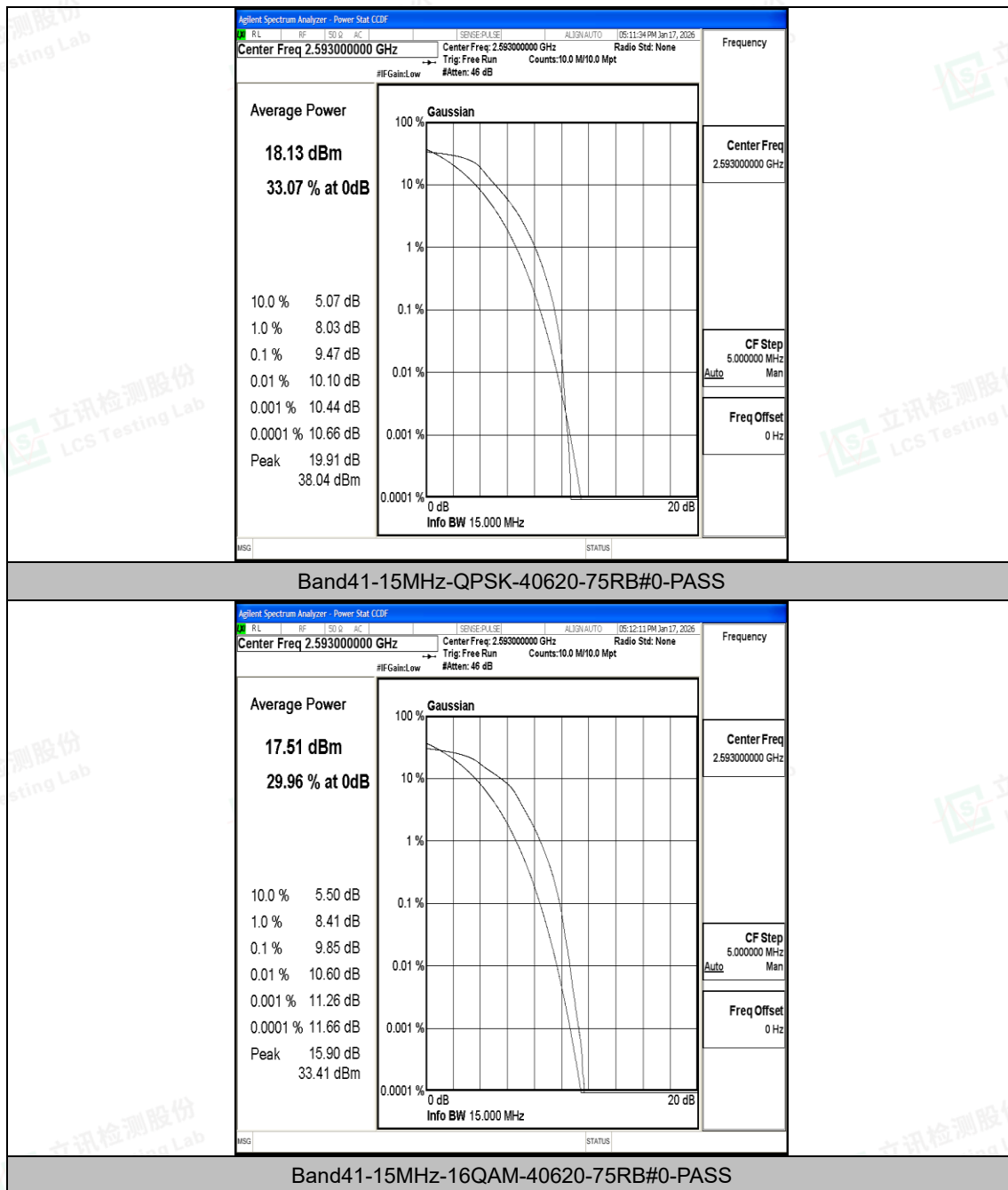


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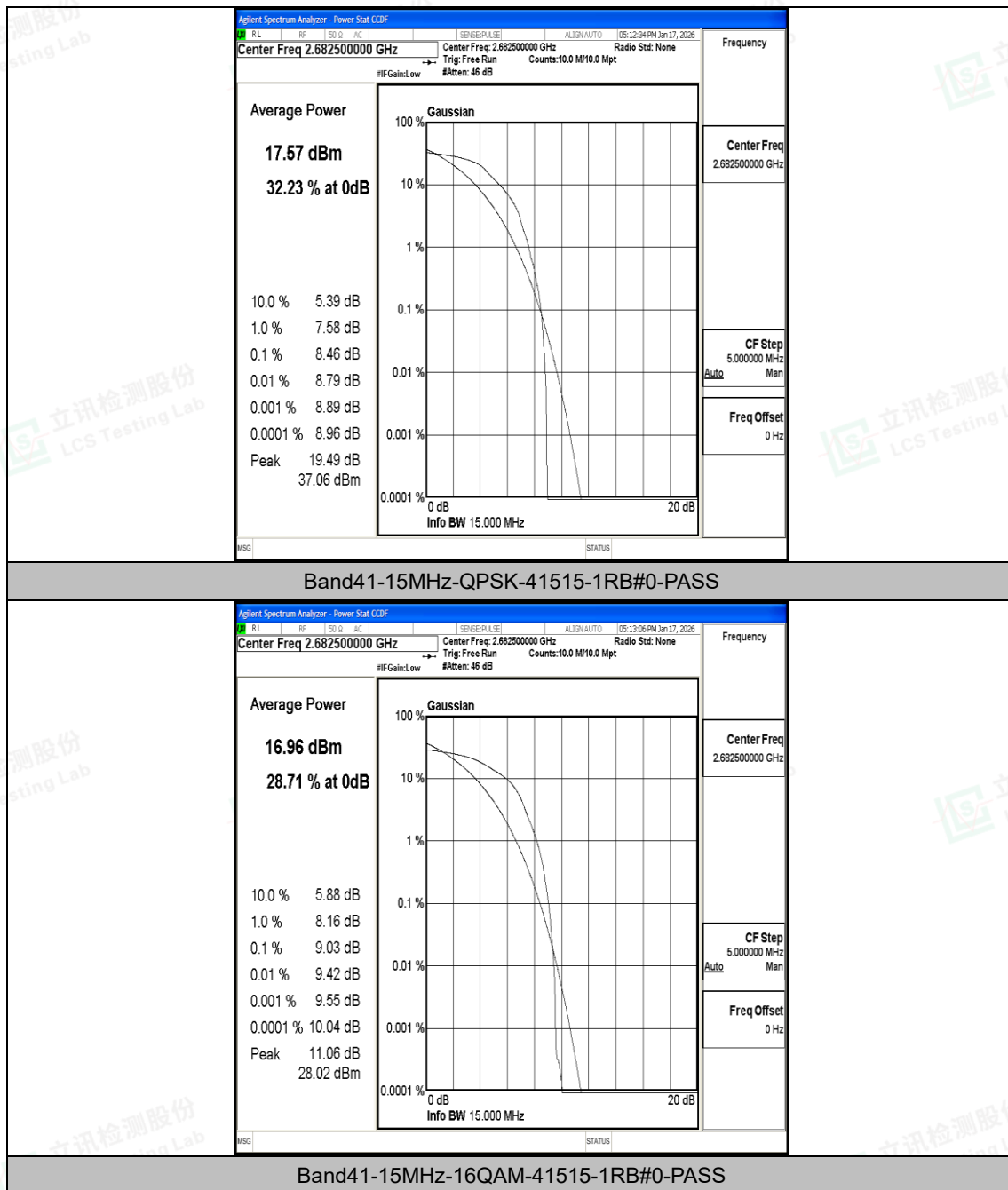


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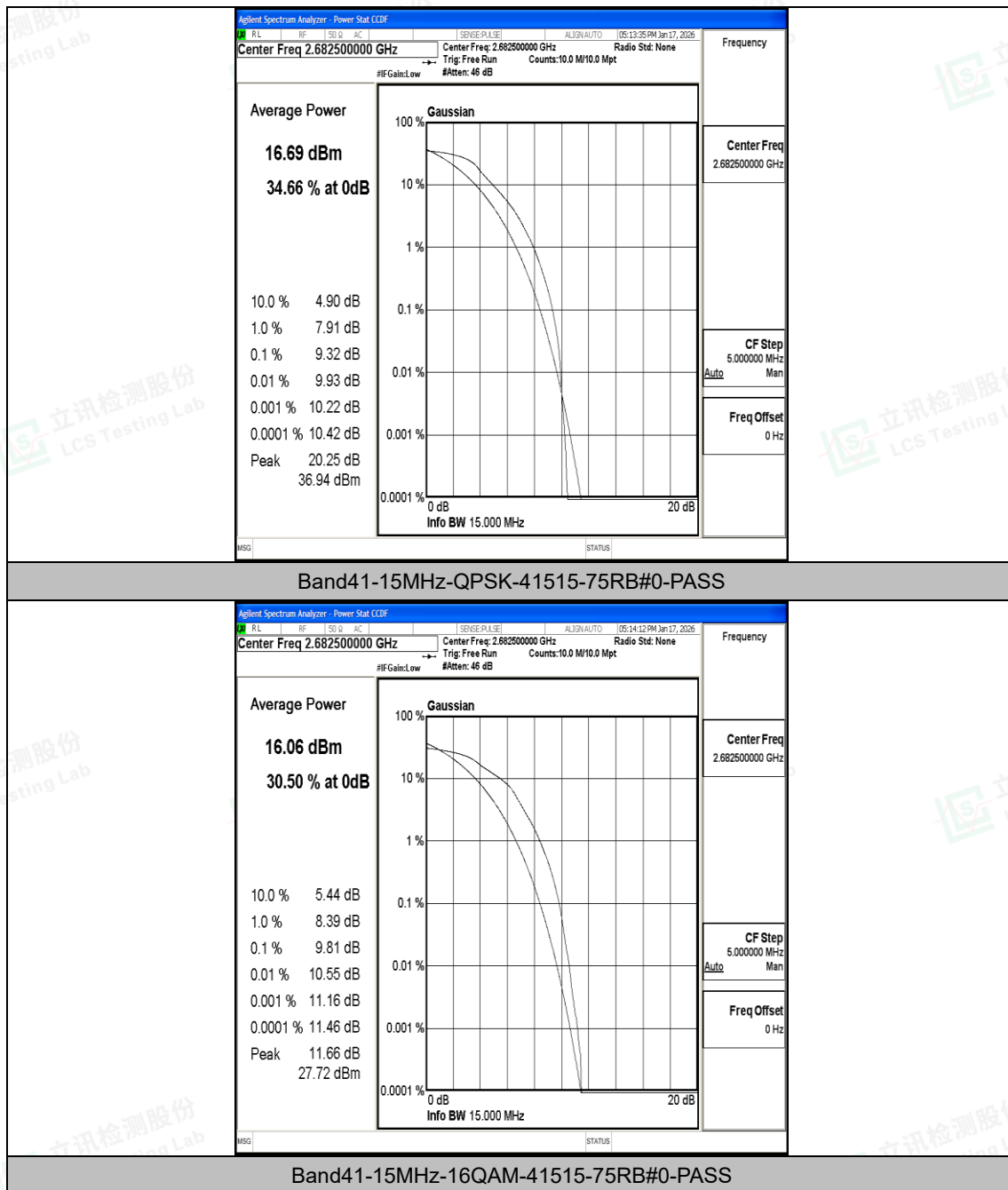


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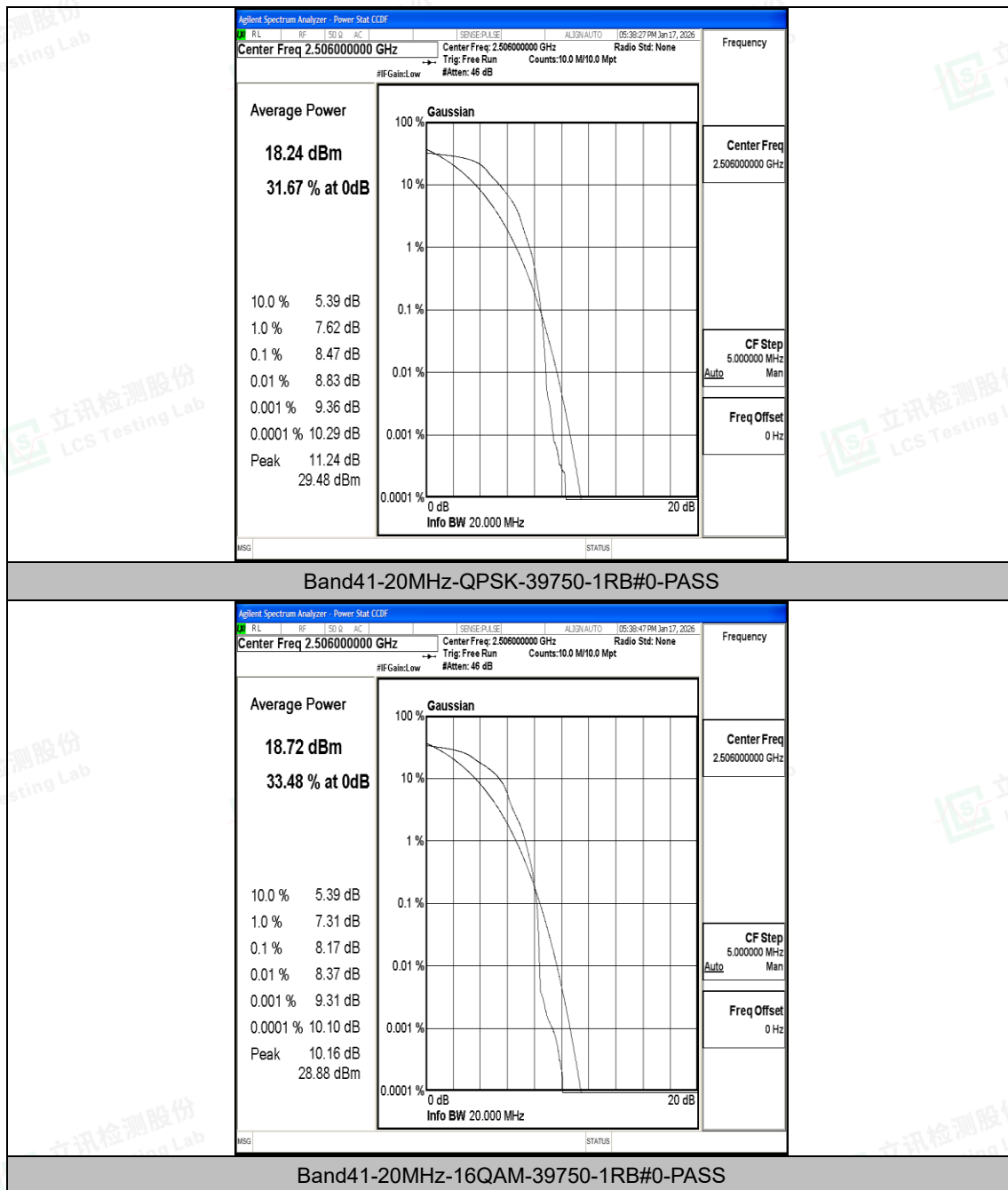


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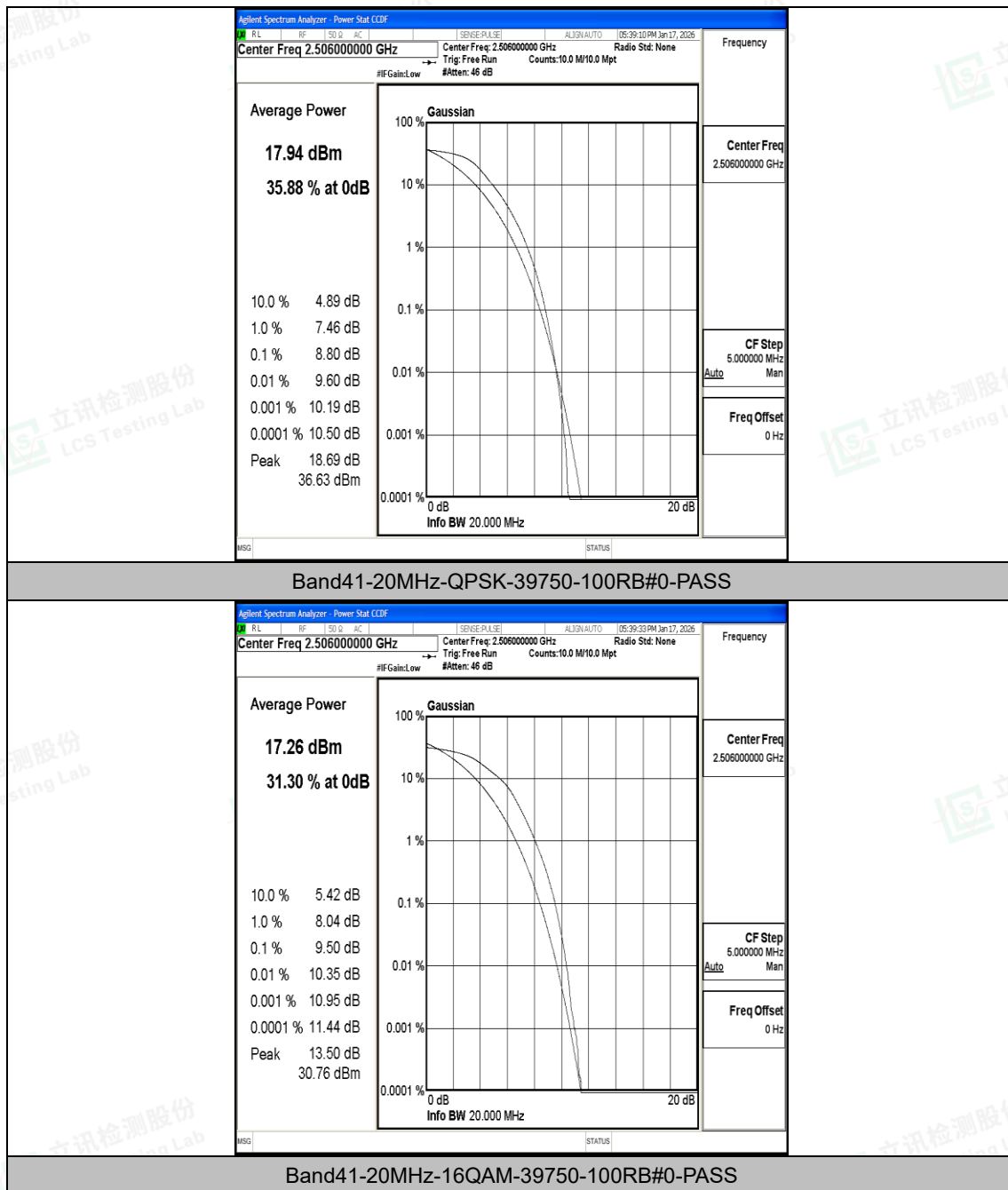


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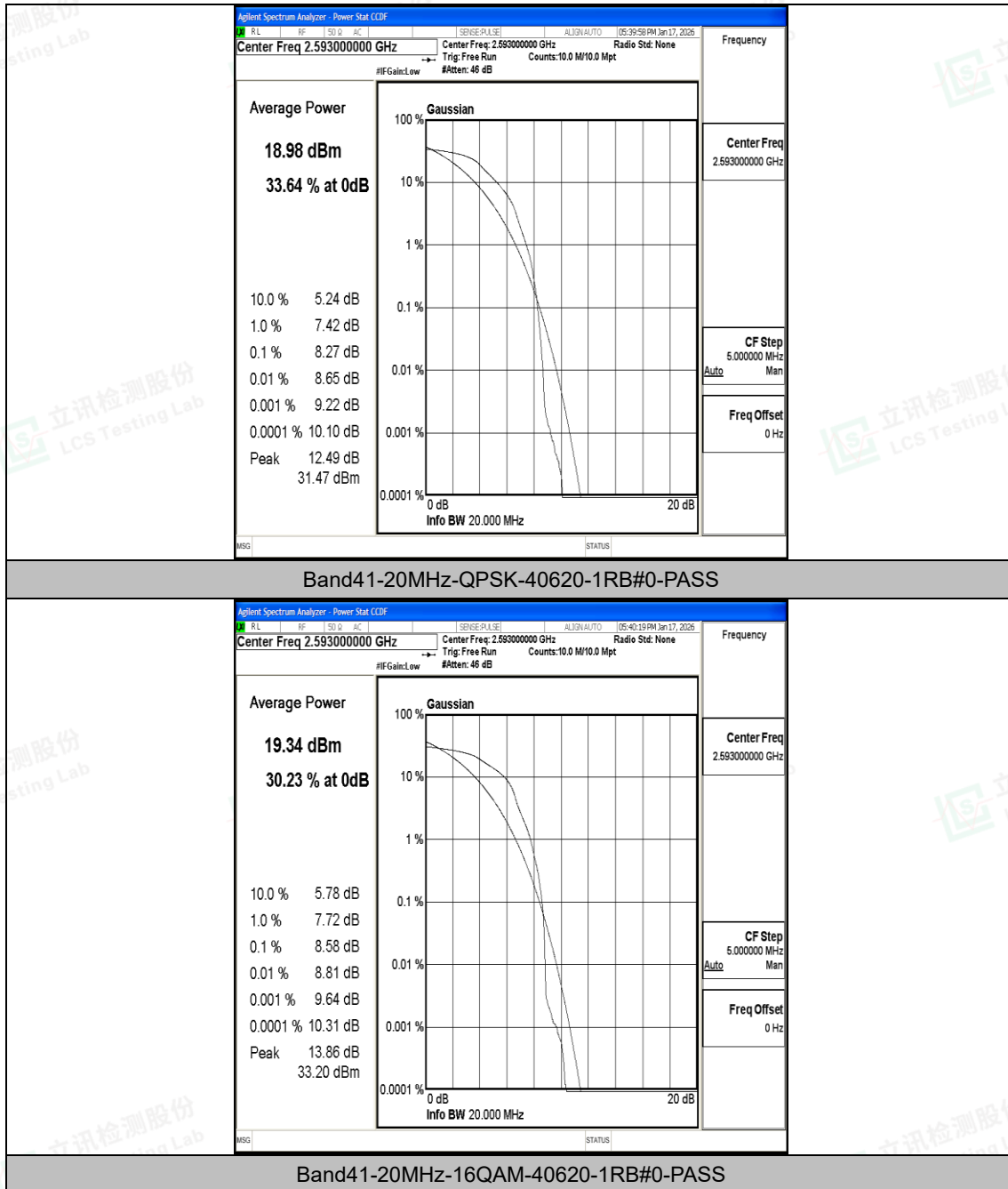


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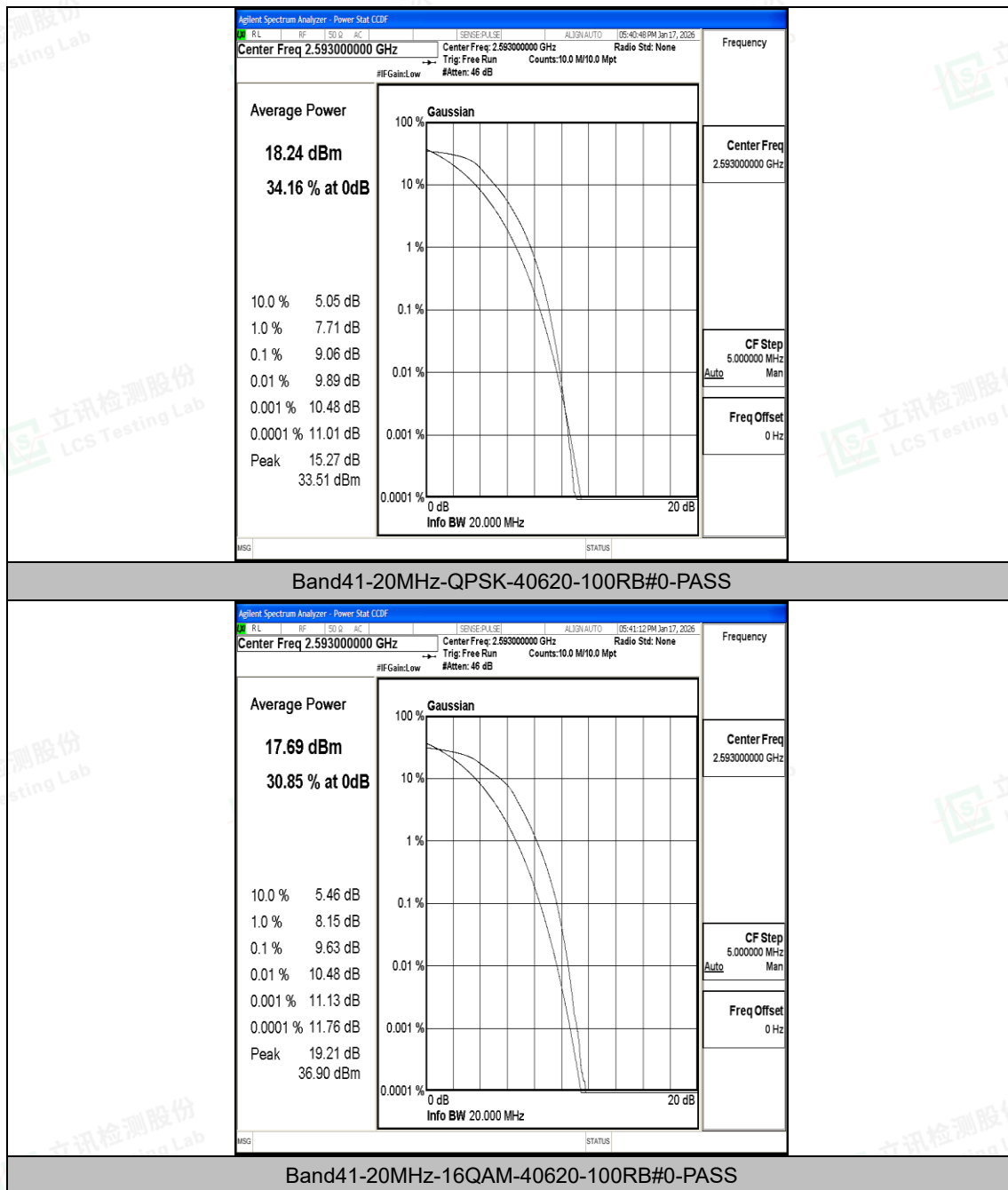


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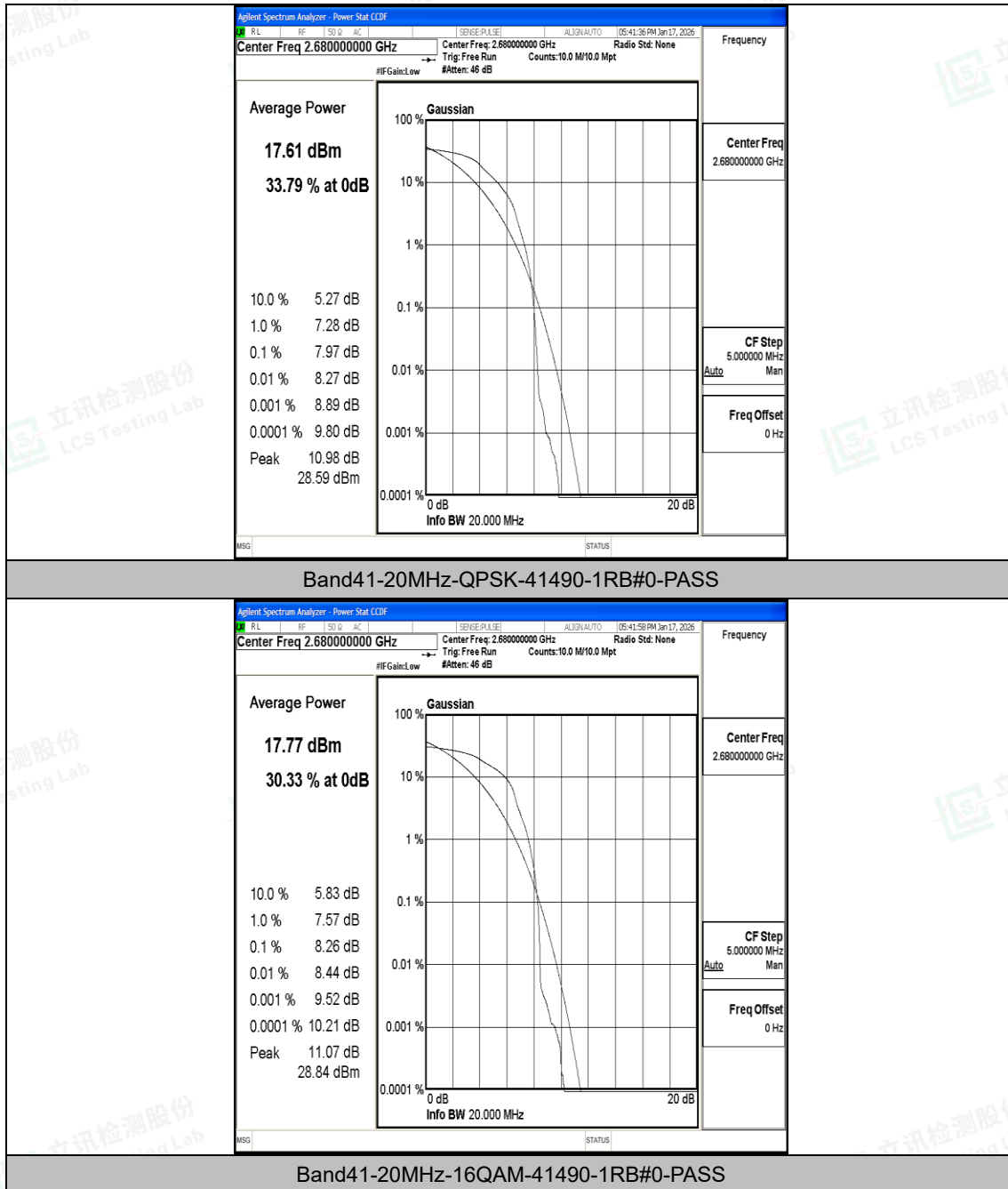


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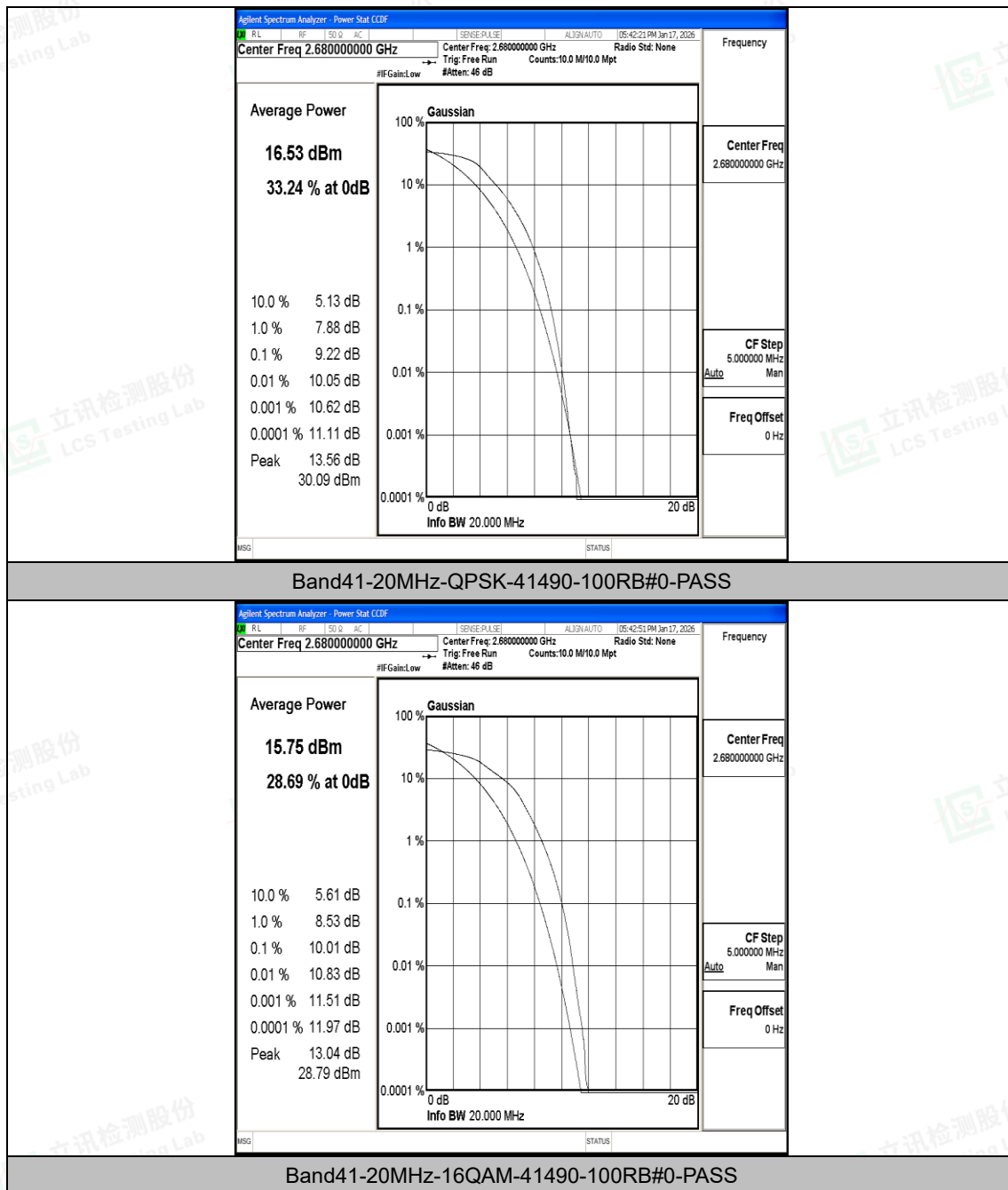


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L.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.5219	5.271	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.5154	5.380	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.5107	5.159	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.5107	5.371	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.4954	5.244	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.5021	5.298	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.9995	10.08	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.9956	10.12	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9863	10.10	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.9966	10.10	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.9874	10.09	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.0208	11.20	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.530	15.91	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.526	15.64	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.511	16.15	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.471	14.88	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.441	15.36	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.474	15.07	PASS
Band41	20MHz	QPSK	39750	100RB#0	18.004	20.43	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.966	20.59	PASS
Band41	20MHz	QPSK	40620	100RB#0	18.037	20.35	PASS
Band41	20MHz	16QAM	40620	100RB#0	18.013	20.07	PASS
Band41	20MHz	QPSK	41490	100RB#0	18.034	19.51	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.964	20.01	PASS



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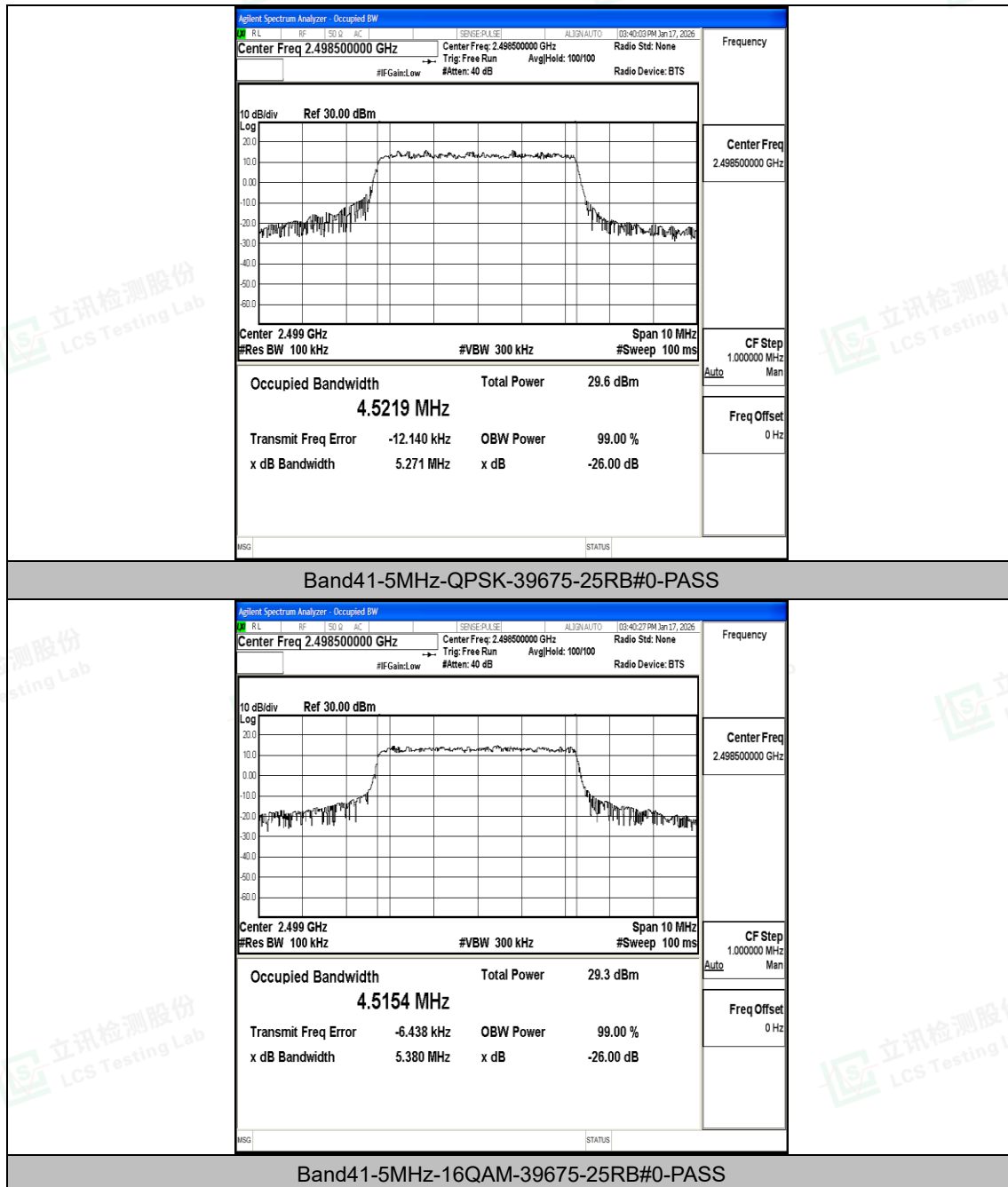
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Test Graphs

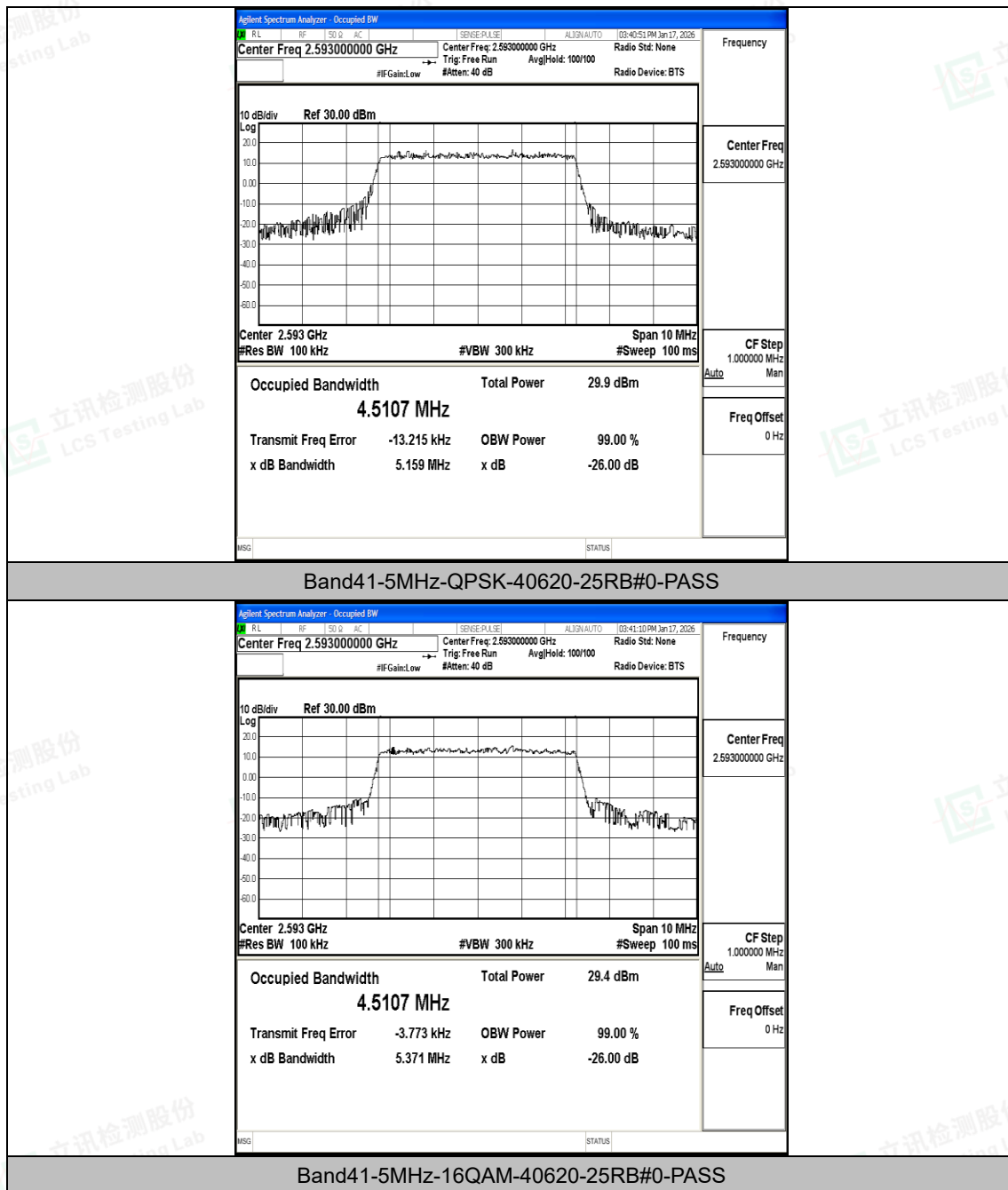


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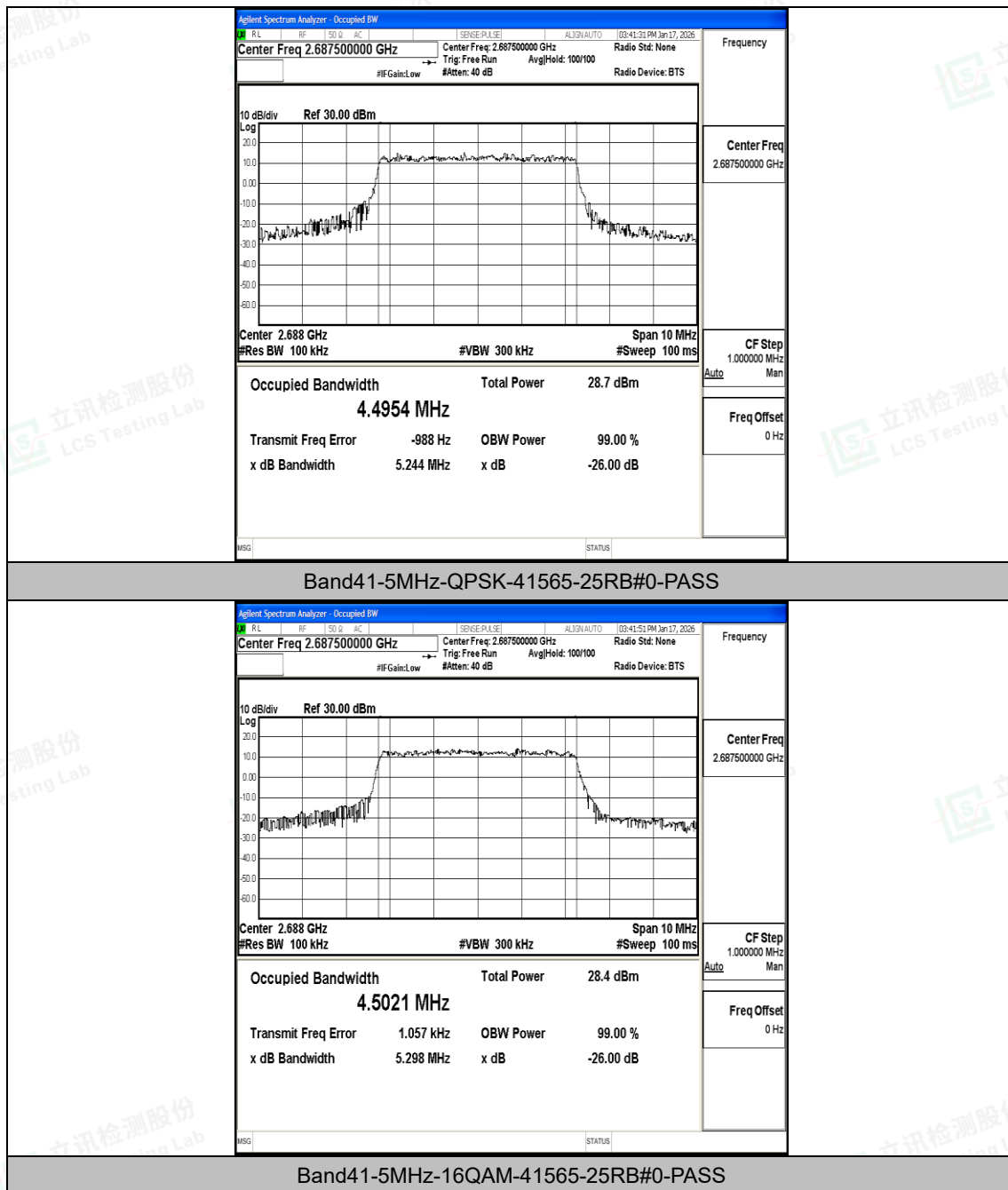


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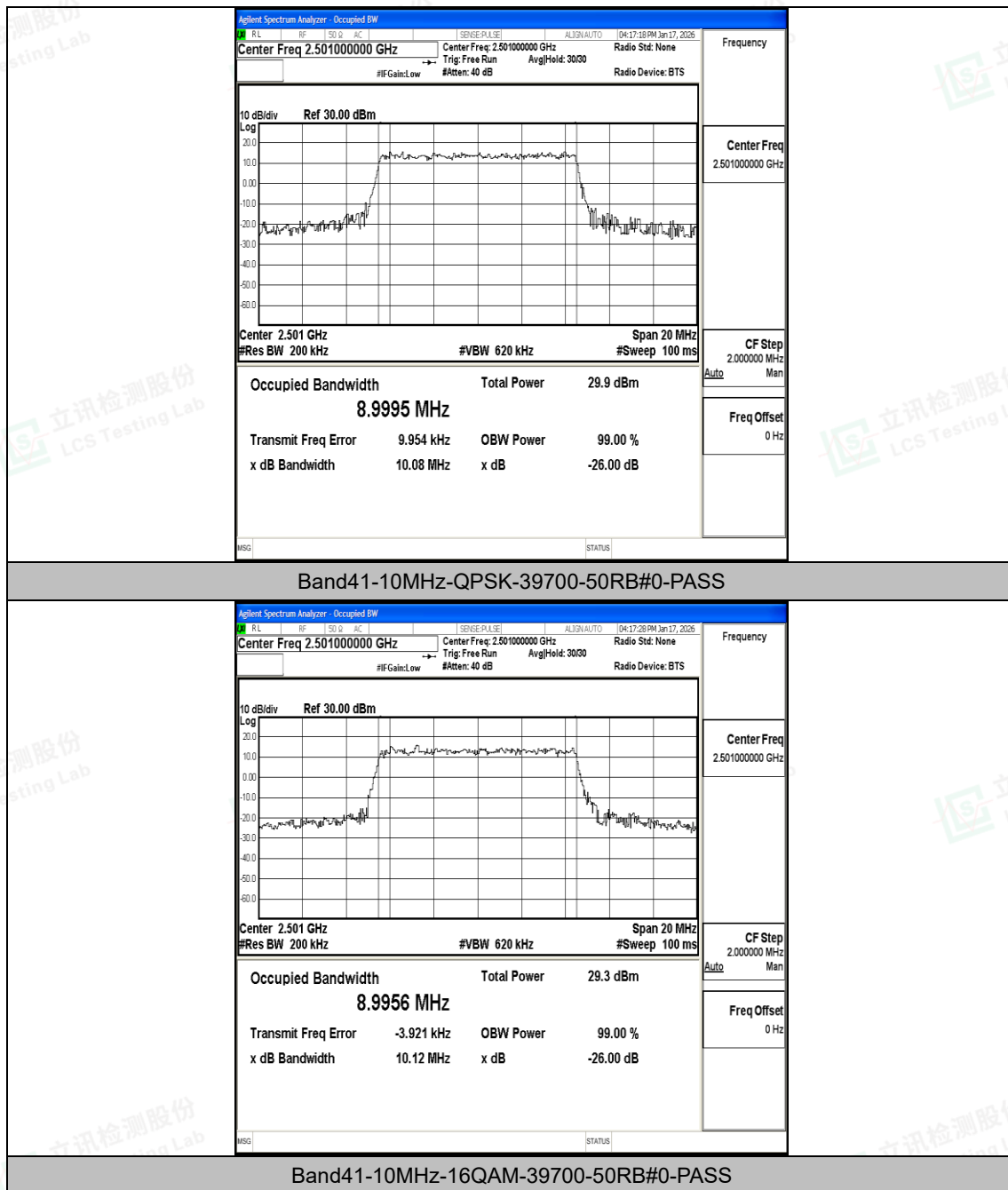


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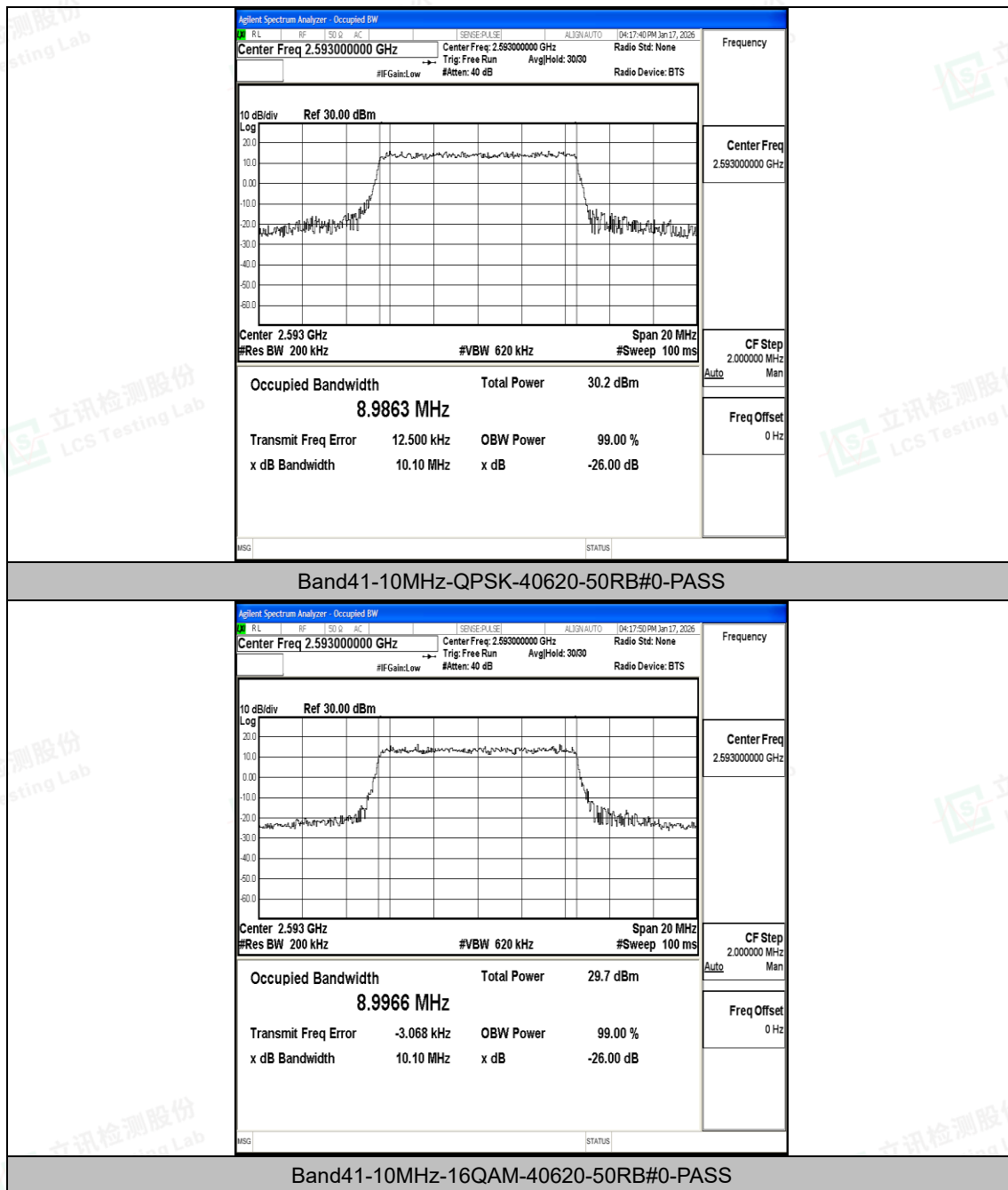


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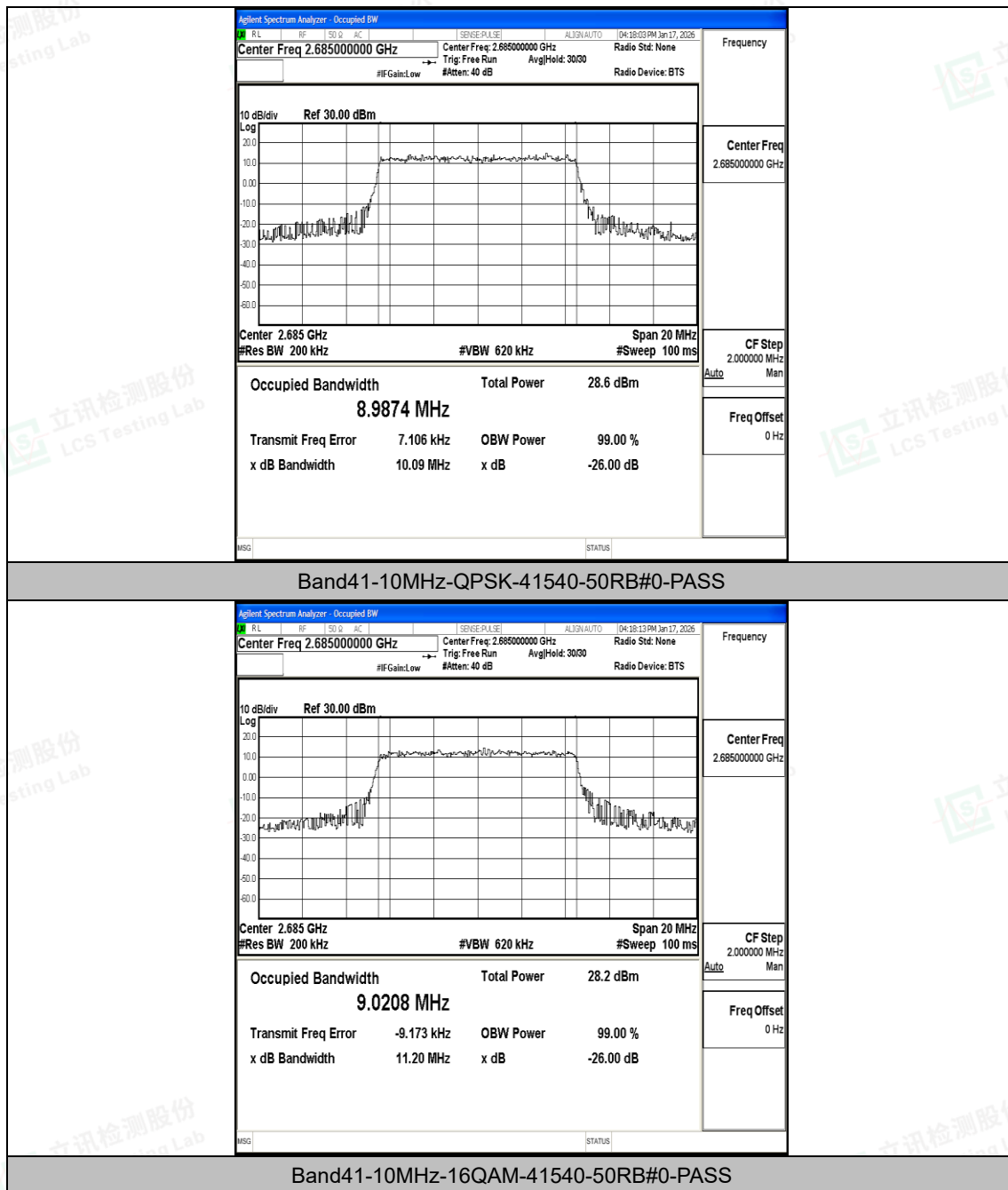


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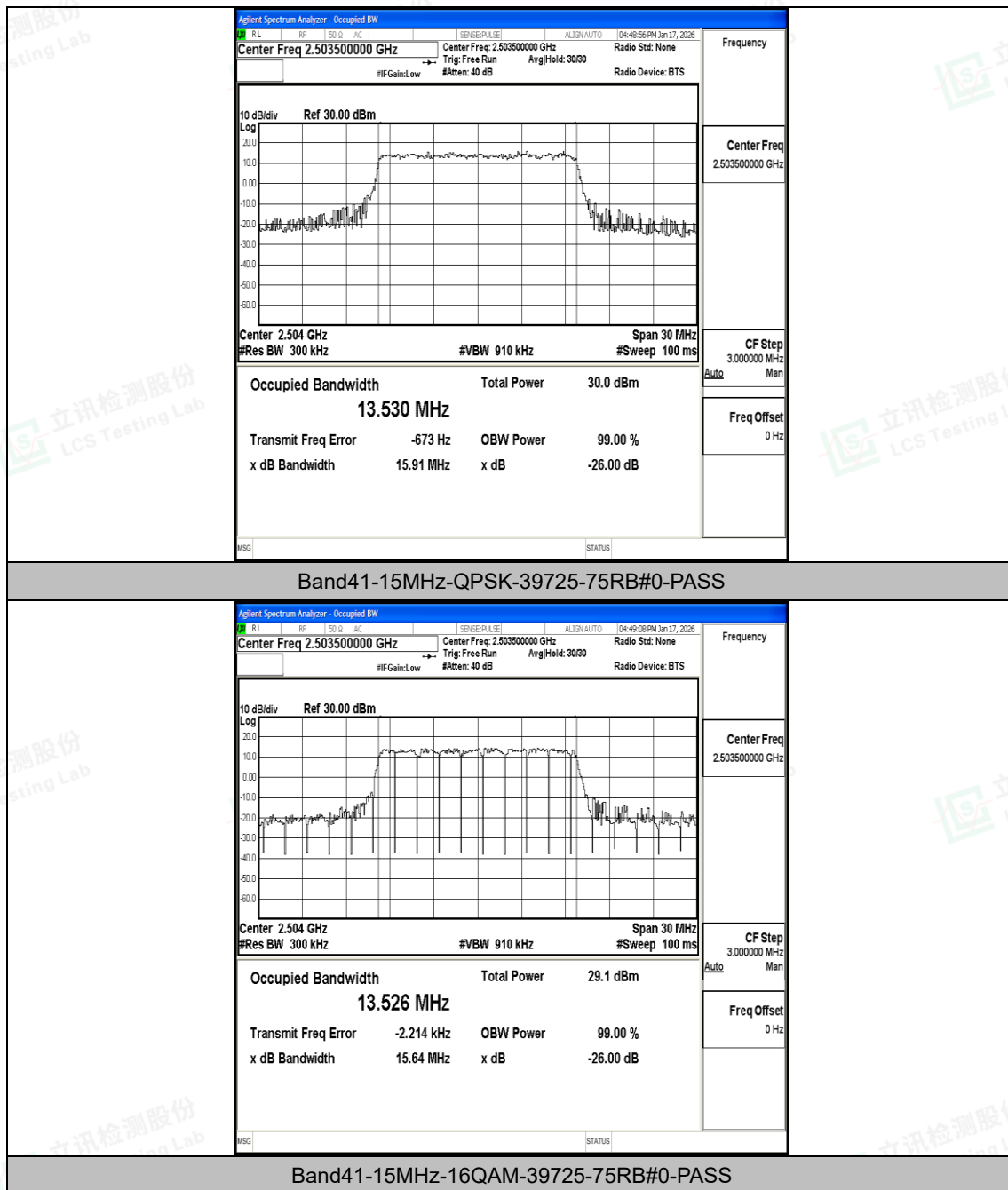


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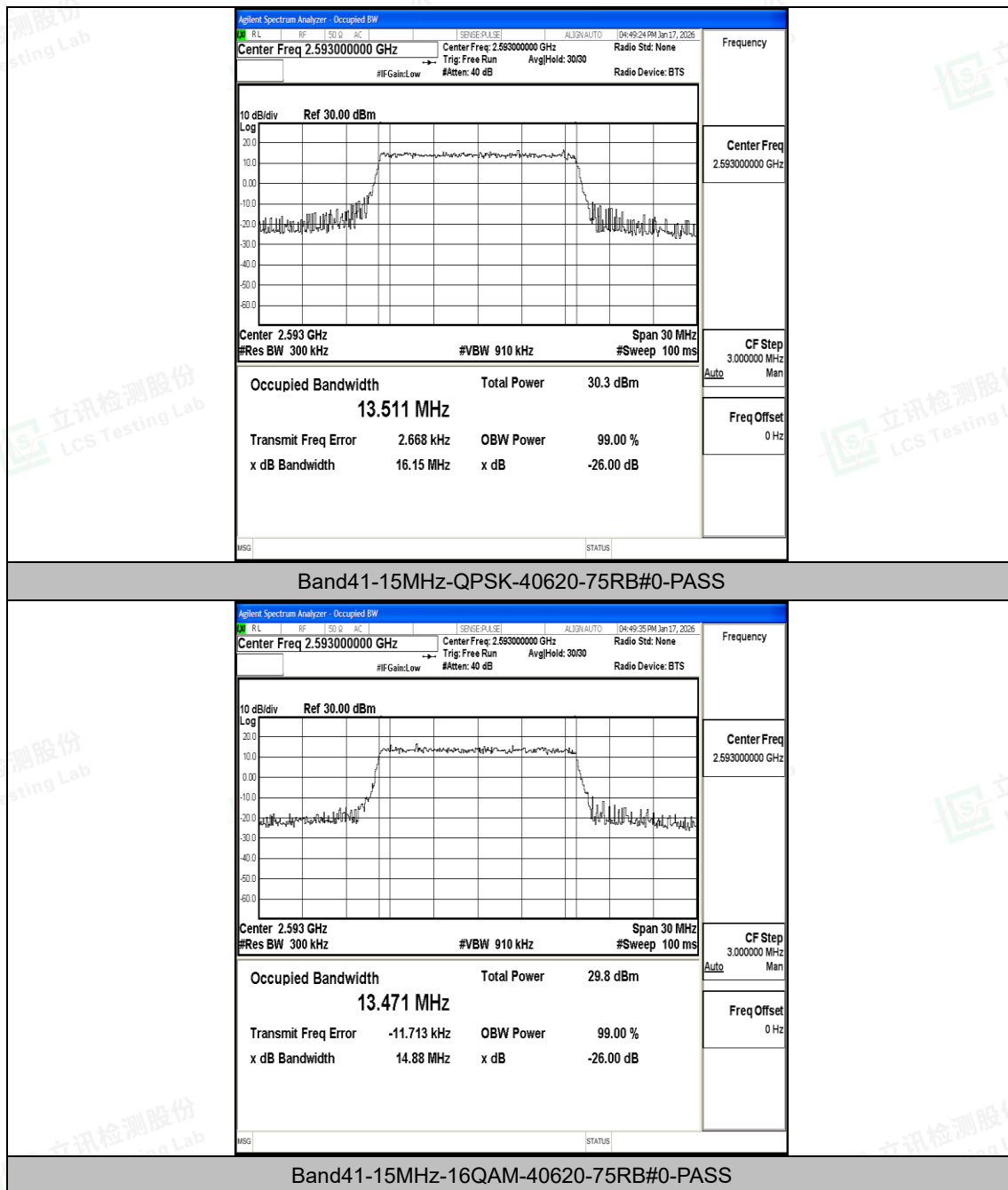


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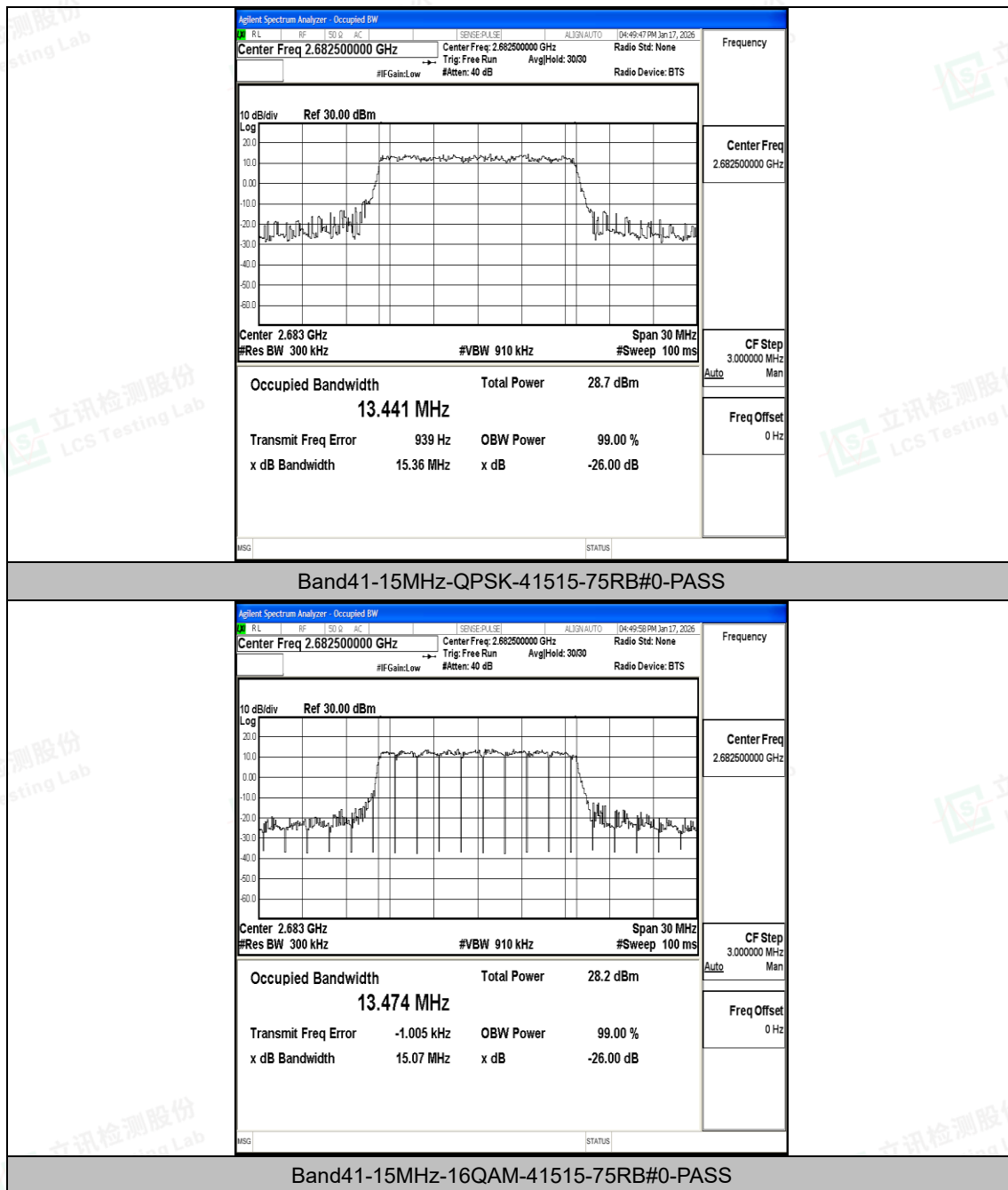


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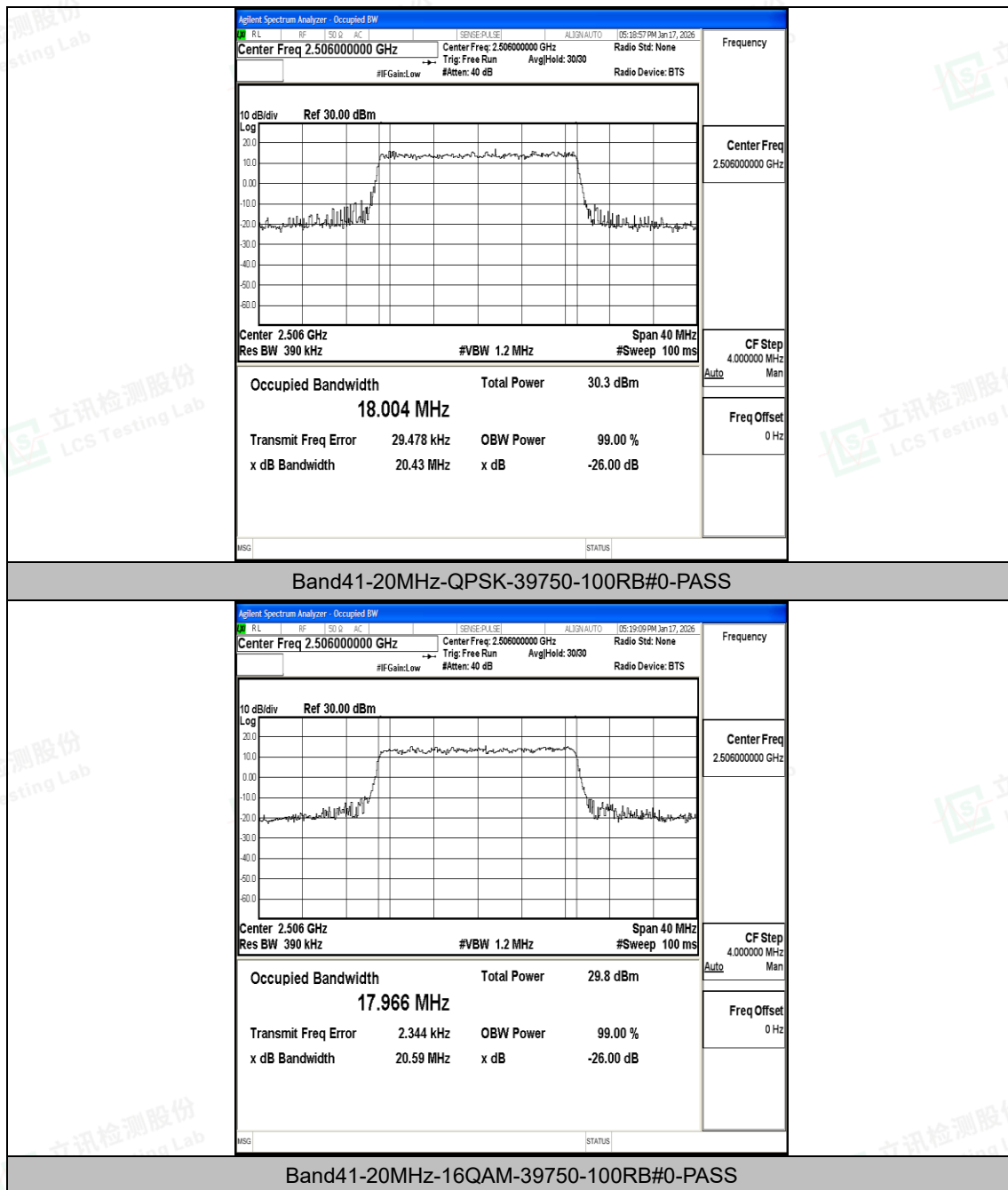


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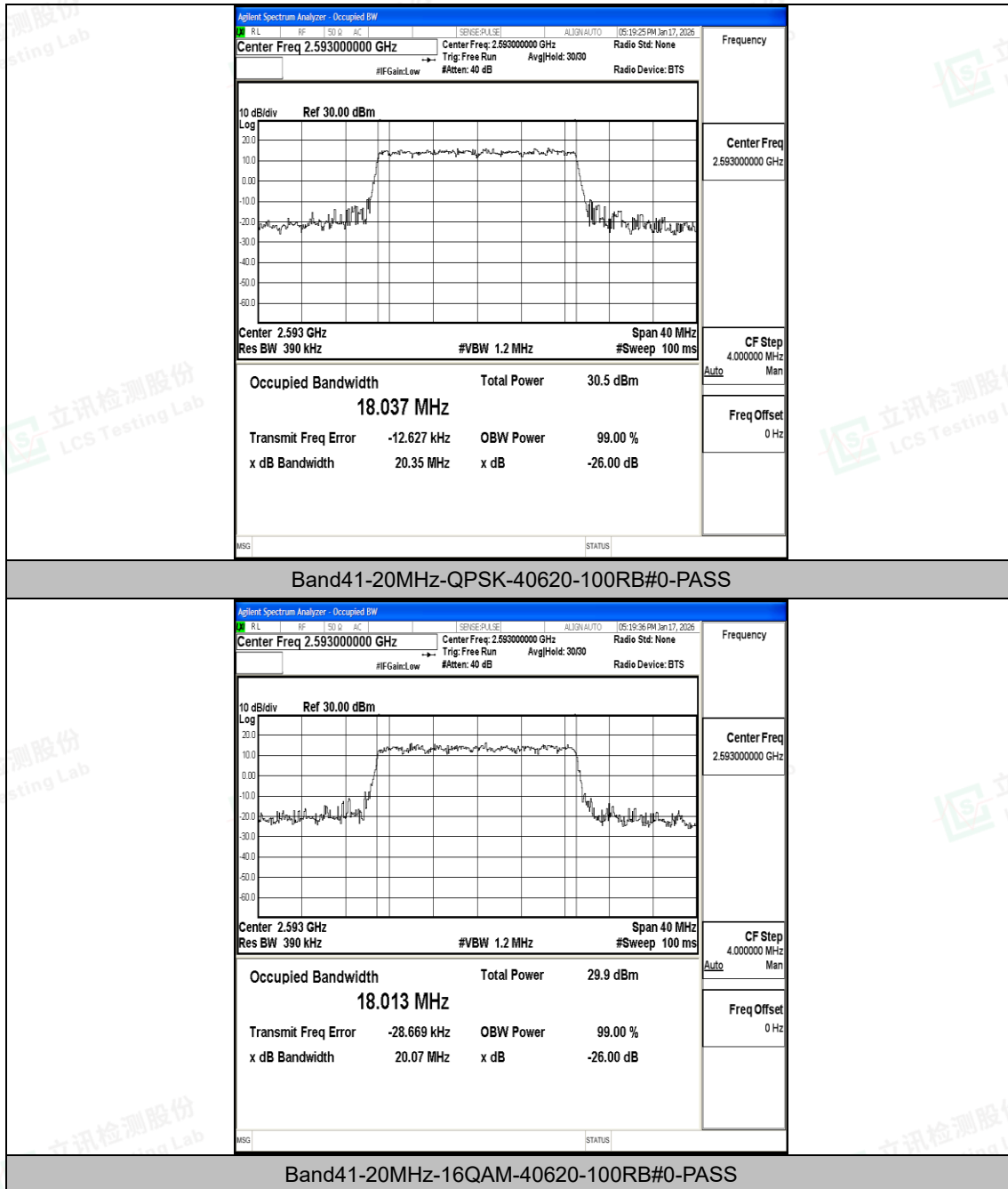


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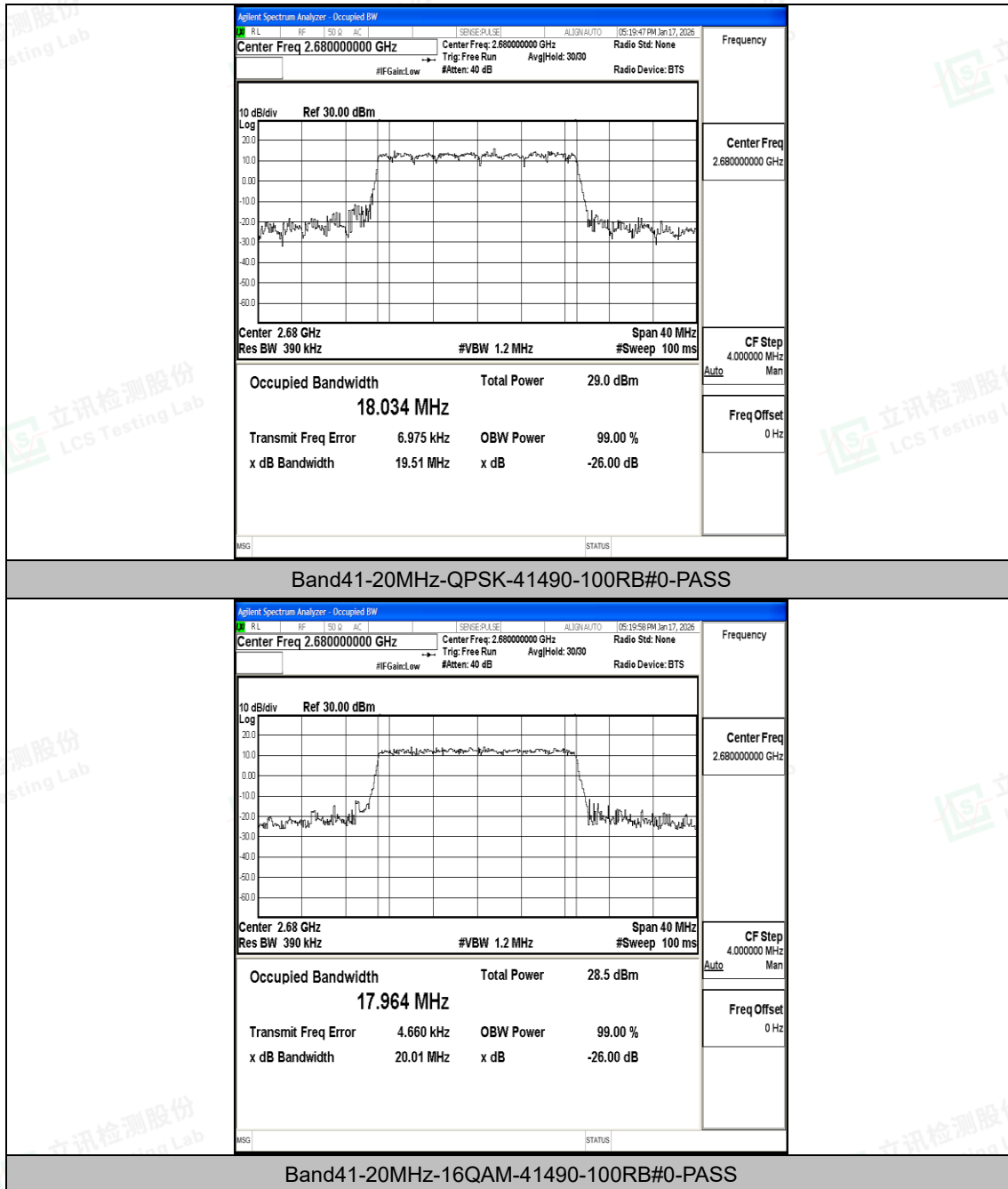


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L.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	2490.44	-40.78	PASS
Band41	5MHz	16QAM	39675	25RB#0	2489.90	-40.87	PASS
Band41	5MHz	QPSK	41565	25RB#0	2697.17	-38.95	PASS
Band41	5MHz	16QAM	41565	25RB#0	2696.06	-39.72	PASS
Band41	10MHz	QPSK	39700	50RB#0	2490.41	-37.13	PASS
Band41	10MHz	16QAM	39700	50RB#0	2489.53	-38.02	PASS
Band41	10MHz	QPSK	41540	50RB#0	2701.03	-36.34	PASS
Band41	10MHz	16QAM	41540	50RB#0	2702.00	-37.09	PASS
Band41	15MHz	QPSK	39725	75RB#0	2489.50	-34.53	PASS
Band41	15MHz	16QAM	39725	75RB#0	2489.24	-35.98	PASS
Band41	15MHz	QPSK	41515	75RB#0	2707.83	-35.20	PASS
Band41	15MHz	16QAM	41515	75RB#0	2705.70	-35.51	PASS
Band41	20MHz	QPSK	39750	100RB#0	2490.44	-35.27	PASS
Band41	20MHz	16QAM	39750	100RB#0	2488.87	-34.28	PASS
Band41	20MHz	QPSK	41490	100RB#0	2712.39	-33.81	PASS
Band41	20MHz	16QAM	41490	100RB#0	2710.82	-34.09	PASS



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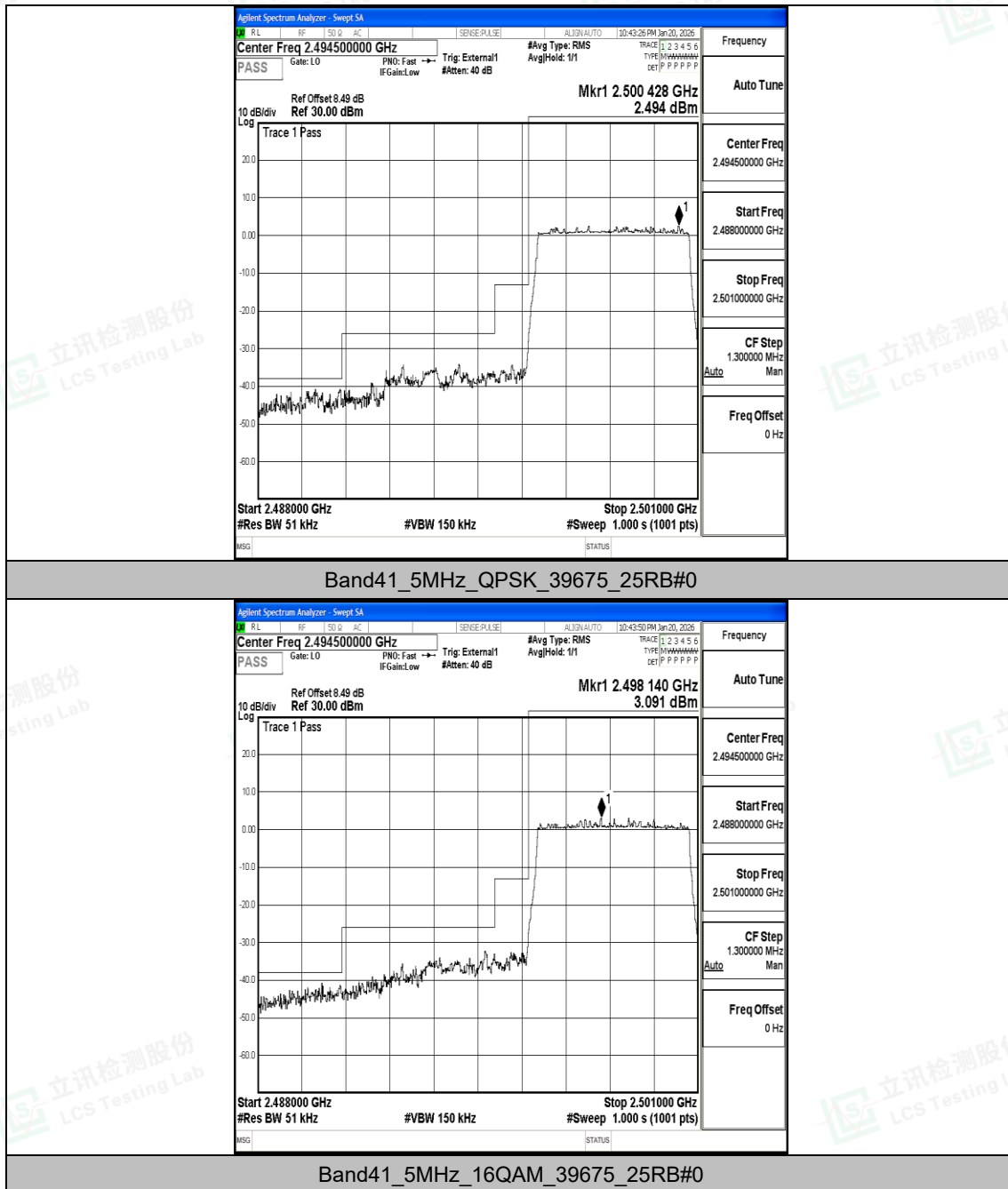
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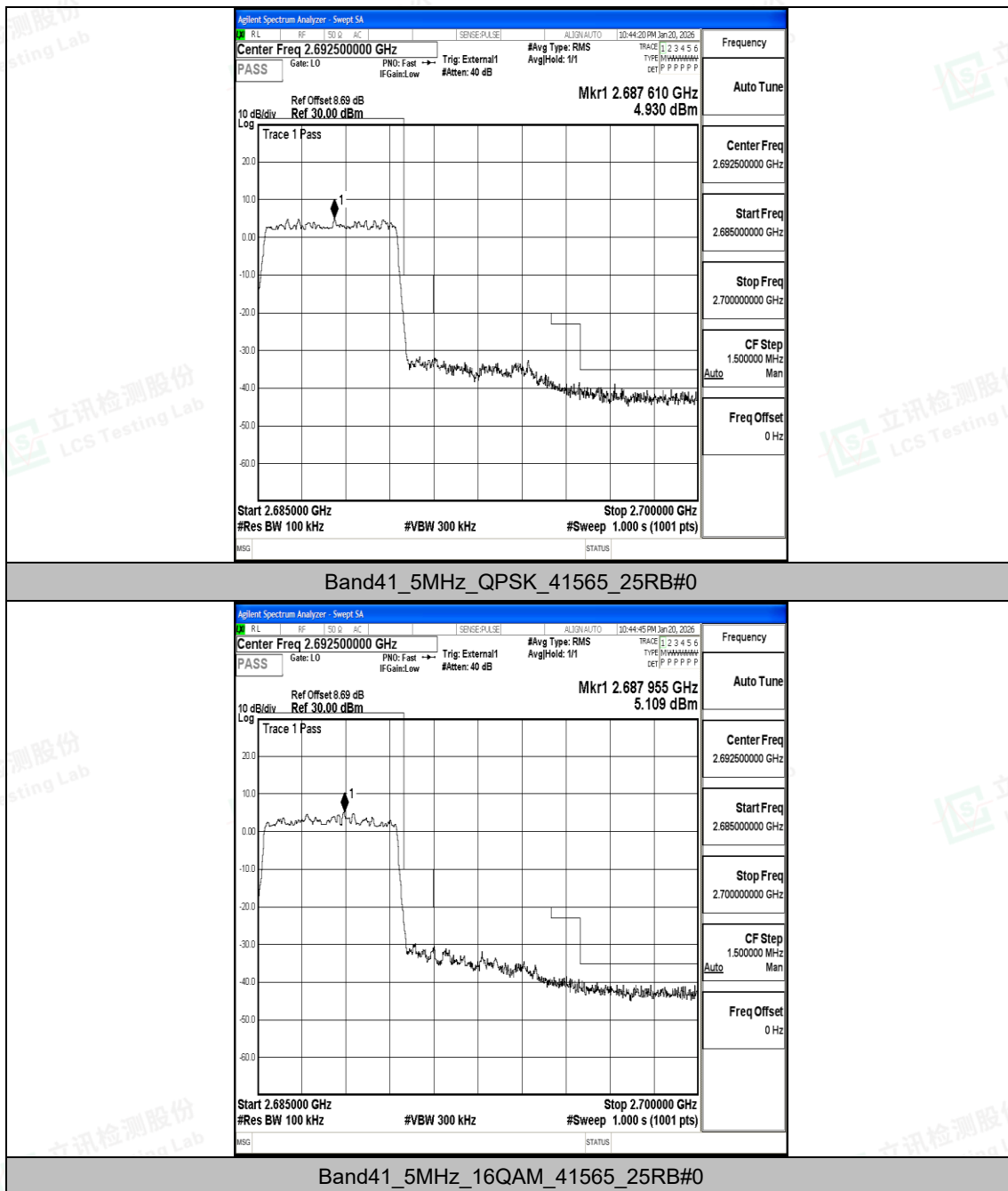


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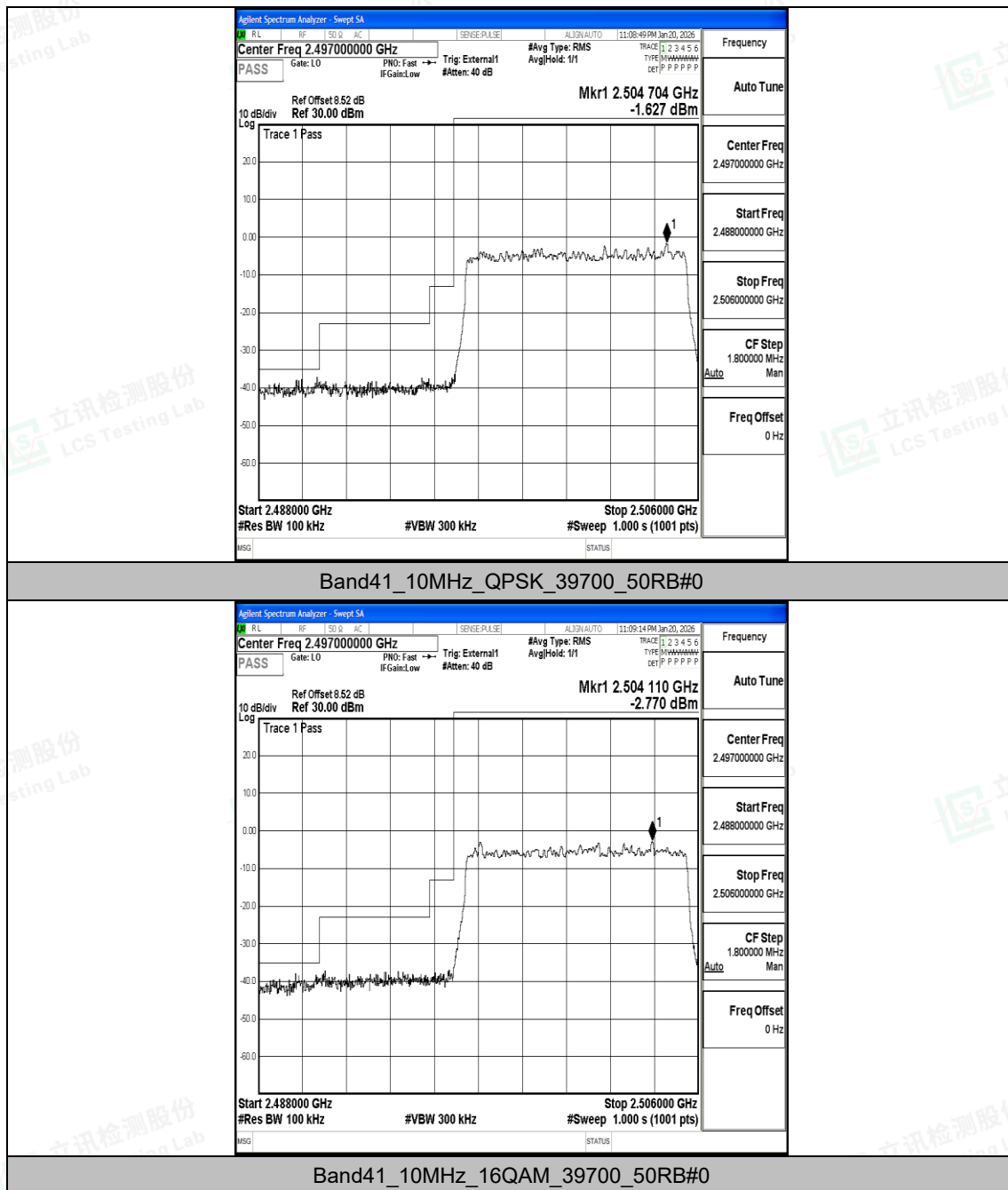


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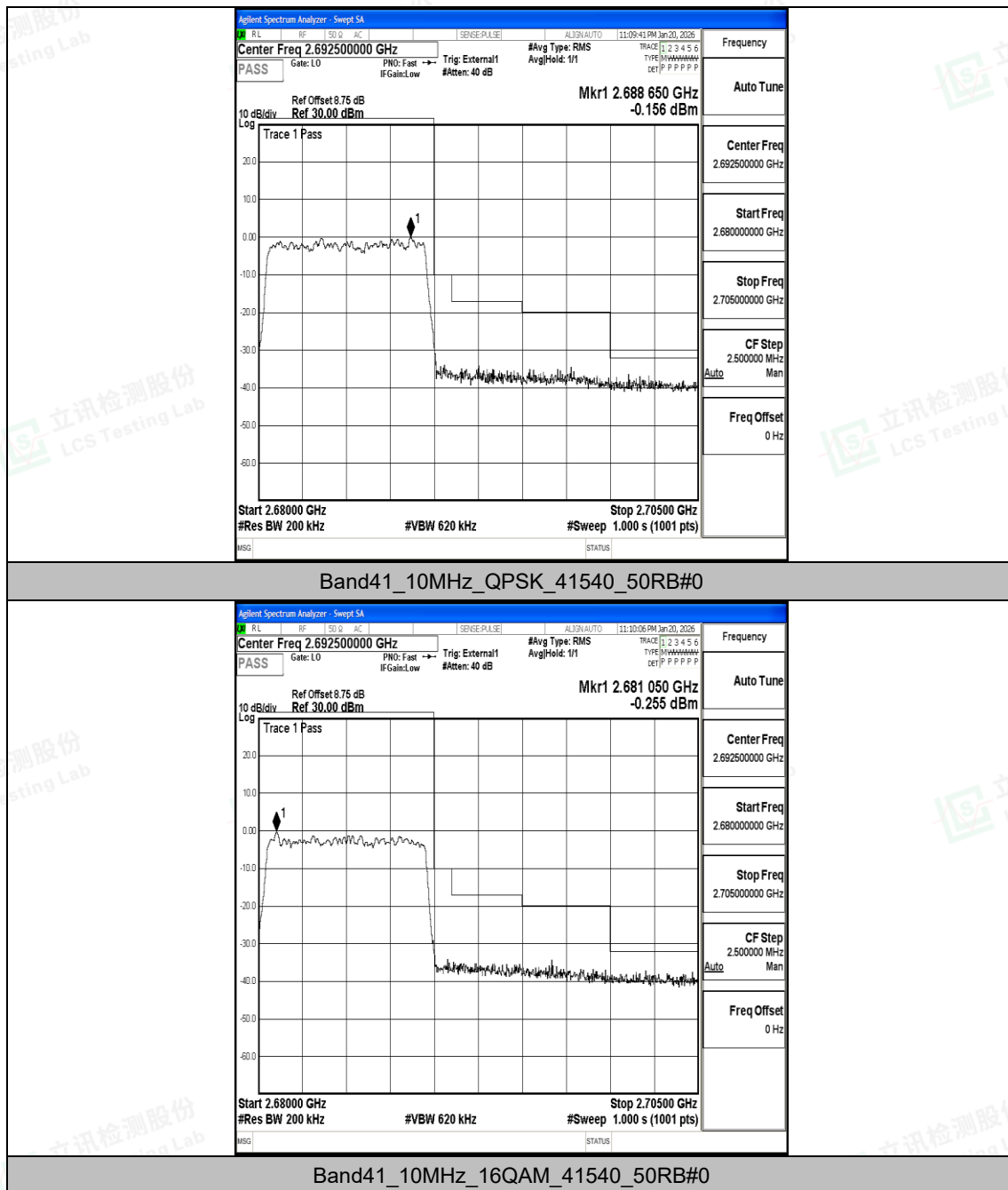


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