



Appendix J: Test Data for E-UTRA Band 41

Product Name: POC radio/4G Network intercom

Test Model: W6pro

Environmental Conditions

Temperature:	23.9°C
Relative Humidity:	52.9%
ATM Pressure:	100.0 kPa
Test Engineer:	Jay Luo
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
Band41	5MHz	QPSK	39675	1RB#0	21.36	PASS
Band41	5MHz	16QAM	39675	1RB#0	21.20	PASS
Band41	5MHz	QPSK	39675	1RB#12	21.39	PASS
Band41	5MHz	16QAM	39675	1RB#12	22.44	PASS
Band41	5MHz	QPSK	39675	1RB#24	21.34	PASS
Band41	5MHz	16QAM	39675	1RB#24	21.30	PASS
Band41	5MHz	QPSK	39675	12RB#0	20.53	PASS
Band41	5MHz	16QAM	39675	12RB#0	19.83	PASS
Band41	5MHz	QPSK	39675	12RB#6	20.46	PASS
Band41	5MHz	16QAM	39675	12RB#6	19.83	PASS
Band41	5MHz	QPSK	39675	12RB#13	20.53	PASS
Band41	5MHz	16QAM	39675	12RB#13	19.88	PASS
Band41	5MHz	QPSK	39675	25RB#0	20.52	PASS
Band41	5MHz	16QAM	39675	25RB#0	19.79	PASS
Band41	5MHz	QPSK	40620	1RB#0	22.07	PASS
Band41	5MHz	16QAM	40620	1RB#0	22.08	PASS
Band41	5MHz	QPSK	40620	1RB#12	21.98	PASS
Band41	5MHz	16QAM	40620	1RB#12	21.85	PASS
Band41	5MHz	QPSK	40620	1RB#24	22.05	PASS
Band41	5MHz	16QAM	40620	1RB#24	21.30	PASS
Band41	5MHz	QPSK	40620	12RB#0	20.93	PASS
Band41	5MHz	16QAM	40620	12RB#0	20.27	PASS
Band41	5MHz	QPSK	40620	12RB#6	20.94	PASS
Band41	5MHz	16QAM	40620	12RB#6	20.27	PASS
Band41	5MHz	QPSK	40620	12RB#13	20.90	PASS
Band41	5MHz	16QAM	40620	12RB#13	20.21	PASS
Band41	5MHz	QPSK	40620	25RB#0	20.95	PASS
Band41	5MHz	16QAM	40620	25RB#0	20.54	PASS
Band41	5MHz	QPSK	41565	1RB#0	21.43	PASS
Band41	5MHz	16QAM	41565	1RB#0	21.23	PASS
Band41	5MHz	QPSK	41565	1RB#12	21.36	PASS
Band41	5MHz	16QAM	41565	1RB#12	21.13	PASS
Band41	5MHz	QPSK	41565	1RB#24	21.39	PASS
Band41	5MHz	16QAM	41565	1RB#24	21.23	PASS
Band41	5MHz	QPSK	41565	12RB#0	20.53	PASS
Band41	5MHz	16QAM	41565	12RB#0	19.80	PASS



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Band41	5MHz	QPSK	41565	12RB#6	20.56	PASS
Band41	5MHz	16QAM	41565	12RB#6	19.80	PASS
Band41	5MHz	QPSK	41565	12RB#13	20.46	PASS
Band41	5MHz	16QAM	41565	12RB#13	19.75	PASS
Band41	5MHz	QPSK	41565	25RB#0	20.54	PASS
Band41	5MHz	16QAM	41565	25RB#0	19.84	PASS
Band41	10MHz	QPSK	39700	1RB#0	21.82	PASS
Band41	10MHz	16QAM	39700	1RB#0	21.17	PASS
Band41	10MHz	QPSK	39700	1RB#24	21.79	PASS
Band41	10MHz	16QAM	39700	1RB#24	21.31	PASS
Band41	10MHz	QPSK	39700	1RB#49	21.84	PASS
Band41	10MHz	16QAM	39700	1RB#49	21.32	PASS
Band41	10MHz	QPSK	39700	25RB#0	21.02	PASS
Band41	10MHz	16QAM	39700	25RB#0	20.35	PASS
Band41	10MHz	QPSK	39700	25RB#12	21.02	PASS
Band41	10MHz	16QAM	39700	25RB#12	20.40	PASS
Band41	10MHz	QPSK	39700	25RB#25	21.09	PASS
Band41	10MHz	16QAM	39700	25RB#25	20.40	PASS
Band41	10MHz	QPSK	39700	50RB#0	20.99	PASS
Band41	10MHz	16QAM	39700	50RB#0	20.46	PASS
Band41	10MHz	QPSK	40620	1RB#0	22.33	PASS
Band41	10MHz	16QAM	40620	1RB#0	22.16	PASS
Band41	10MHz	QPSK	40620	1RB#24	22.22	PASS
Band41	10MHz	16QAM	40620	1RB#24	22.12	PASS
Band41	10MHz	QPSK	40620	1RB#49	22.20	PASS
Band41	10MHz	16QAM	40620	1RB#49	22.13	PASS
Band41	10MHz	QPSK	40620	25RB#0	21.13	PASS
Band41	10MHz	16QAM	40620	25RB#0	20.41	PASS
Band41	10MHz	QPSK	40620	25RB#12	21.14	PASS
Band41	10MHz	16QAM	40620	25RB#12	20.41	PASS
Band41	10MHz	QPSK	40620	25RB#25	21.12	PASS
Band41	10MHz	16QAM	40620	25RB#25	20.41	PASS
Band41	10MHz	QPSK	40620	50RB#0	20.93	PASS
Band41	10MHz	16QAM	40620	50RB#0	20.27	PASS
Band41	10MHz	QPSK	41540	1RB#0	21.64	PASS
Band41	10MHz	16QAM	41540	1RB#0	21.40	PASS
Band41	10MHz	QPSK	41540	1RB#24	21.56	PASS
Band41	10MHz	16QAM	41540	1RB#24	21.40	PASS
Band41	10MHz	QPSK	41540	1RB#49	21.65	PASS
Band41	10MHz	16QAM	41540	1RB#49	21.36	PASS



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Band41	10MHz	QPSK	41540	25RB#0	20.38	PASS
Band41	10MHz	16QAM	41540	25RB#0	19.68	PASS
Band41	10MHz	QPSK	41540	25RB#12	20.39	PASS
Band41	10MHz	16QAM	41540	25RB#12	19.65	PASS
Band41	10MHz	QPSK	41540	25RB#25	20.27	PASS
Band41	10MHz	16QAM	41540	25RB#25	19.68	PASS
Band41	10MHz	QPSK	41540	50RB#0	20.35	PASS
Band41	10MHz	16QAM	41540	50RB#0	19.68	PASS
Band41	15MHz	QPSK	39725	1RB#0	22.07	PASS
Band41	15MHz	16QAM	39725	1RB#0	22.10	PASS
Band41	15MHz	QPSK	39725	1RB#38	22.15	PASS
Band41	15MHz	16QAM	39725	1RB#38	22.07	PASS
Band41	15MHz	QPSK	39725	1RB#74	22.19	PASS
Band41	15MHz	16QAM	39725	1RB#74	21.23	PASS
Band41	15MHz	QPSK	39725	38RB#0	20.73	PASS
Band41	15MHz	16QAM	39725	38RB#0	20.73	PASS
Band41	15MHz	QPSK	39725	38RB#18	20.73	PASS
Band41	15MHz	16QAM	39725	38RB#18	20.73	PASS
Band41	15MHz	QPSK	39725	38RB#37	20.73	PASS
Band41	15MHz	16QAM	39725	38RB#37	20.73	PASS
Band41	15MHz	QPSK	39725	75RB#0	20.73	PASS
Band41	15MHz	16QAM	39725	75RB#0	20.18	PASS
Band41	15MHz	QPSK	40620	1RB#0	22.26	PASS
Band41	15MHz	16QAM	40620	1RB#0	22.29	PASS
Band41	15MHz	QPSK	40620	1RB#38	22.26	PASS
Band41	15MHz	16QAM	40620	1RB#38	21.44	PASS
Band41	15MHz	QPSK	40620	1RB#74	21.86	PASS
Band41	15MHz	16QAM	40620	1RB#74	21.36	PASS
Band41	15MHz	QPSK	40620	38RB#0	20.97	PASS
Band41	15MHz	16QAM	40620	38RB#0	20.97	PASS
Band41	15MHz	QPSK	40620	38RB#18	20.98	PASS
Band41	15MHz	16QAM	40620	38RB#18	20.98	PASS
Band41	15MHz	QPSK	40620	38RB#37	20.98	PASS
Band41	15MHz	16QAM	40620	38RB#37	20.98	PASS
Band41	15MHz	QPSK	40620	75RB#0	21.05	PASS
Band41	15MHz	16QAM	40620	75RB#0	20.52	PASS
Band41	15MHz	QPSK	41515	1RB#0	21.67	PASS
Band41	15MHz	16QAM	41515	1RB#0	21.48	PASS
Band41	15MHz	QPSK	41515	1RB#38	21.69	PASS
Band41	15MHz	16QAM	41515	1RB#38	21.46	PASS



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Band41	15MHz	QPSK	41515	1RB#74	21.57	PASS
Band41	15MHz	16QAM	41515	1RB#74	21.38	PASS
Band41	15MHz	QPSK	41515	38RB#0	20.48	PASS
Band41	15MHz	16QAM	41515	38RB#0	20.48	PASS
Band41	15MHz	QPSK	41515	38RB#18	20.48	PASS
Band41	15MHz	16QAM	41515	38RB#18	20.48	PASS
Band41	15MHz	QPSK	41515	38RB#37	20.49	PASS
Band41	15MHz	16QAM	41515	38RB#37	20.49	PASS
Band41	15MHz	QPSK	41515	75RB#0	20.49	PASS
Band41	15MHz	16QAM	41515	75RB#0	19.83	PASS
Band41	20MHz	QPSK	39750	1RB#0	21.69	PASS
Band41	20MHz	16QAM	39750	1RB#0	21.28	PASS
Band41	20MHz	QPSK	39750	1RB#49	21.73	PASS
Band41	20MHz	16QAM	39750	1RB#49	21.22	PASS
Band41	20MHz	QPSK	39750	1RB#99	21.70	PASS
Band41	20MHz	16QAM	39750	1RB#99	21.42	PASS
Band41	20MHz	QPSK	39750	50RB#0	21.15	PASS
Band41	20MHz	16QAM	39750	50RB#0	20.51	PASS
Band41	20MHz	QPSK	39750	50RB#25	21.15	PASS
Band41	20MHz	16QAM	39750	50RB#25	20.51	PASS
Band41	20MHz	QPSK	39750	50RB#50	21.06	PASS
Band41	20MHz	16QAM	39750	50RB#50	20.61	PASS
Band41	20MHz	QPSK	39750	100RB#0	21.04	PASS
Band41	20MHz	16QAM	39750	100RB#0	20.44	PASS
Band41	20MHz	QPSK	40620	1RB#0	21.89	PASS
Band41	20MHz	16QAM	40620	1RB#0	22.15	PASS
Band41	20MHz	QPSK	40620	1RB#49	21.78	PASS
Band41	20MHz	16QAM	40620	1RB#49	21.99	PASS
Band41	20MHz	QPSK	40620	1RB#99	21.77	PASS
Band41	20MHz	16QAM	40620	1RB#99	21.75	PASS
Band41	20MHz	QPSK	40620	50RB#0	21.19	PASS
Band41	20MHz	16QAM	40620	50RB#0	20.67	PASS
Band41	20MHz	QPSK	40620	50RB#25	21.20	PASS
Band41	20MHz	16QAM	40620	50RB#25	20.67	PASS
Band41	20MHz	QPSK	40620	50RB#50	21.14	PASS
Band41	20MHz	16QAM	40620	50RB#50	20.55	PASS
Band41	20MHz	QPSK	40620	100RB#0	20.94	PASS
Band41	20MHz	16QAM	40620	100RB#0	20.29	PASS
Band41	20MHz	QPSK	41490	1RB#0	21.35	PASS
Band41	20MHz	16QAM	41490	1RB#0	21.54	PASS



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Band41	20MHz	QPSK	41490	1RB#49	21.29	PASS
Band41	20MHz	16QAM	41490	1RB#49	21.49	PASS
Band41	20MHz	QPSK	41490	1RB#99	21.33	PASS
Band41	20MHz	16QAM	41490	1RB#99	21.49	PASS
Band41	20MHz	QPSK	41490	50RB#0	20.48	PASS
Band41	20MHz	16QAM	41490	50RB#0	19.94	PASS
Band41	20MHz	QPSK	41490	50RB#25	20.49	PASS
Band41	20MHz	16QAM	41490	50RB#25	19.78	PASS
Band41	20MHz	QPSK	41490	50RB#50	20.41	PASS
Band41	20MHz	16QAM	41490	50RB#50	19.83	PASS
Band41	20MHz	QPSK	41490	100RB#0	20.39	PASS
Band41	20MHz	16QAM	41490	100RB#0	19.63	PASS





J.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	8.20	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	8.82	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	8.90	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	9.71	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	8.72	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	8.95	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	9.06	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	9.76	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	8.53	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	8.69	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	9.19	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	9.88	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	8.63	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	8.59	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	9.34	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	9.74	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	8.71	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	8.92	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	9.11	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	9.54	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	8.59	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	8.77	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	9.28	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.78	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	8.28	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	8.85	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	9.27	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	9.75	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	8.61	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	9.51	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	9.09	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	9.82	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	8.23	13	PASS
Band41	15MHz	16QAM	41515	1RB#0	8.79	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	9.41	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	10.02	13	PASS



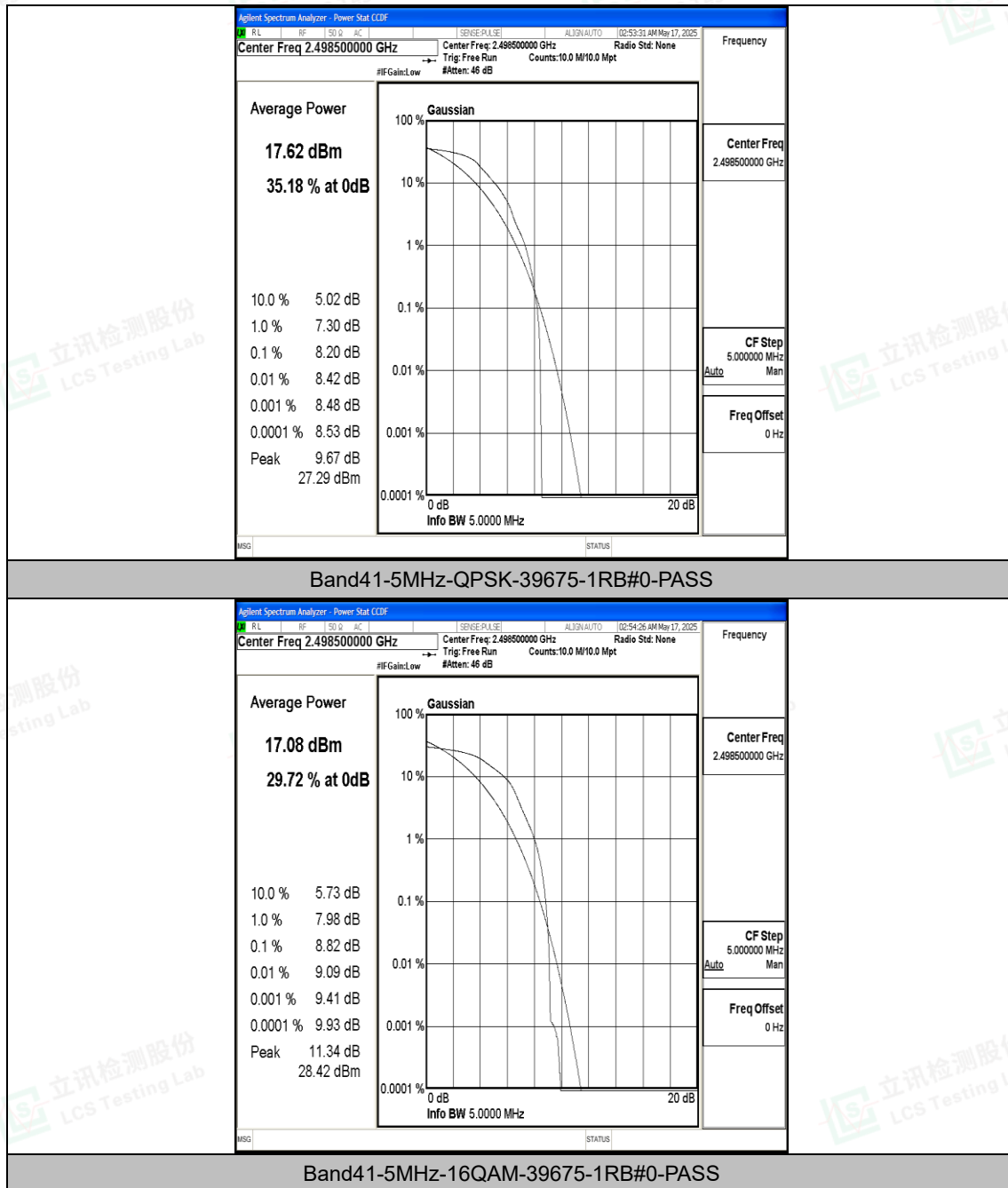


Band41	20MHz	QPSK	39750	1RB#0	8.09	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	8.73	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	8.91	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	9.67	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	7.93	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	9.20	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	8.82	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	9.87	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	8.15	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	8.57	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	8.97	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	9.95	13	PASS





Test Graphs

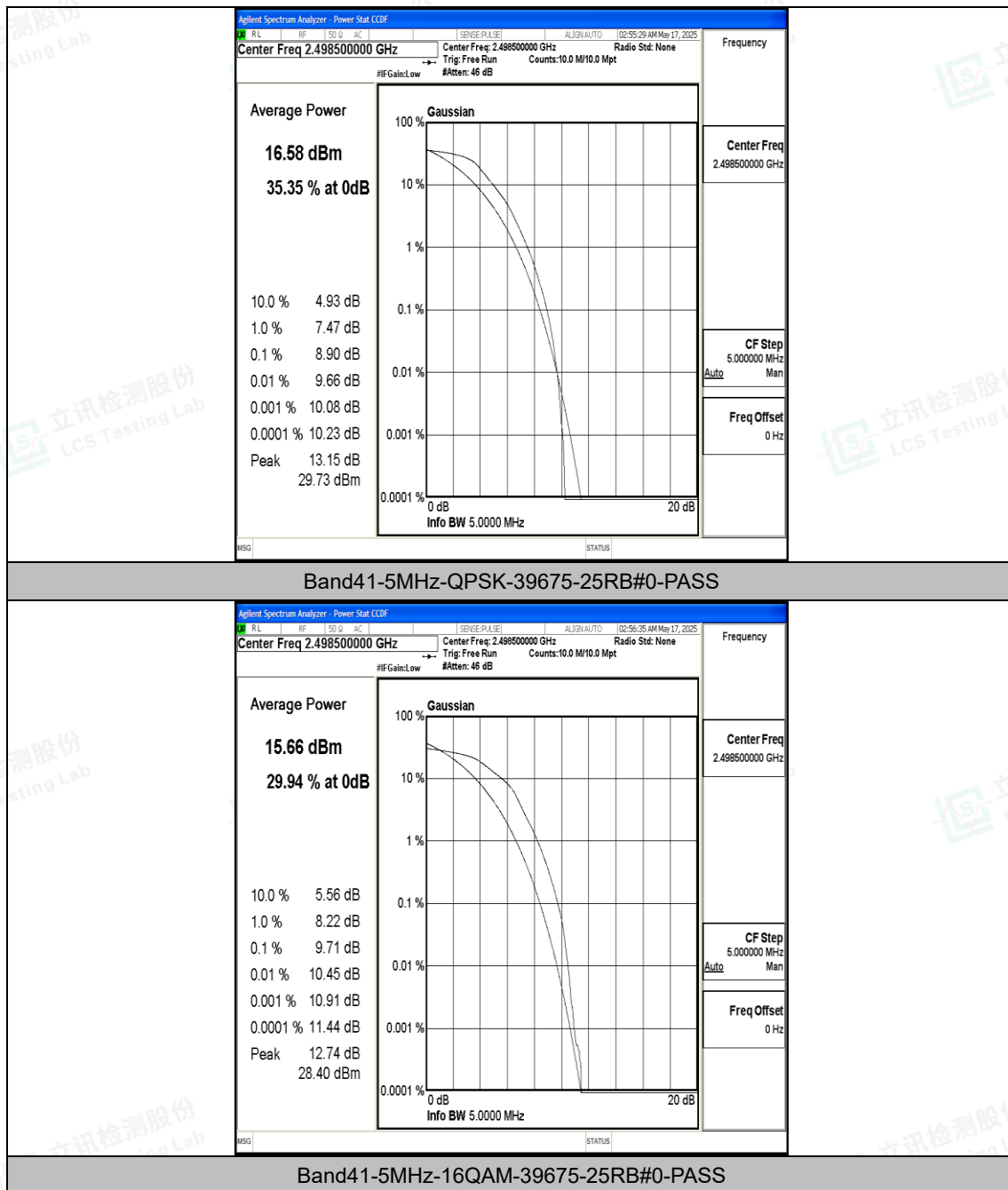


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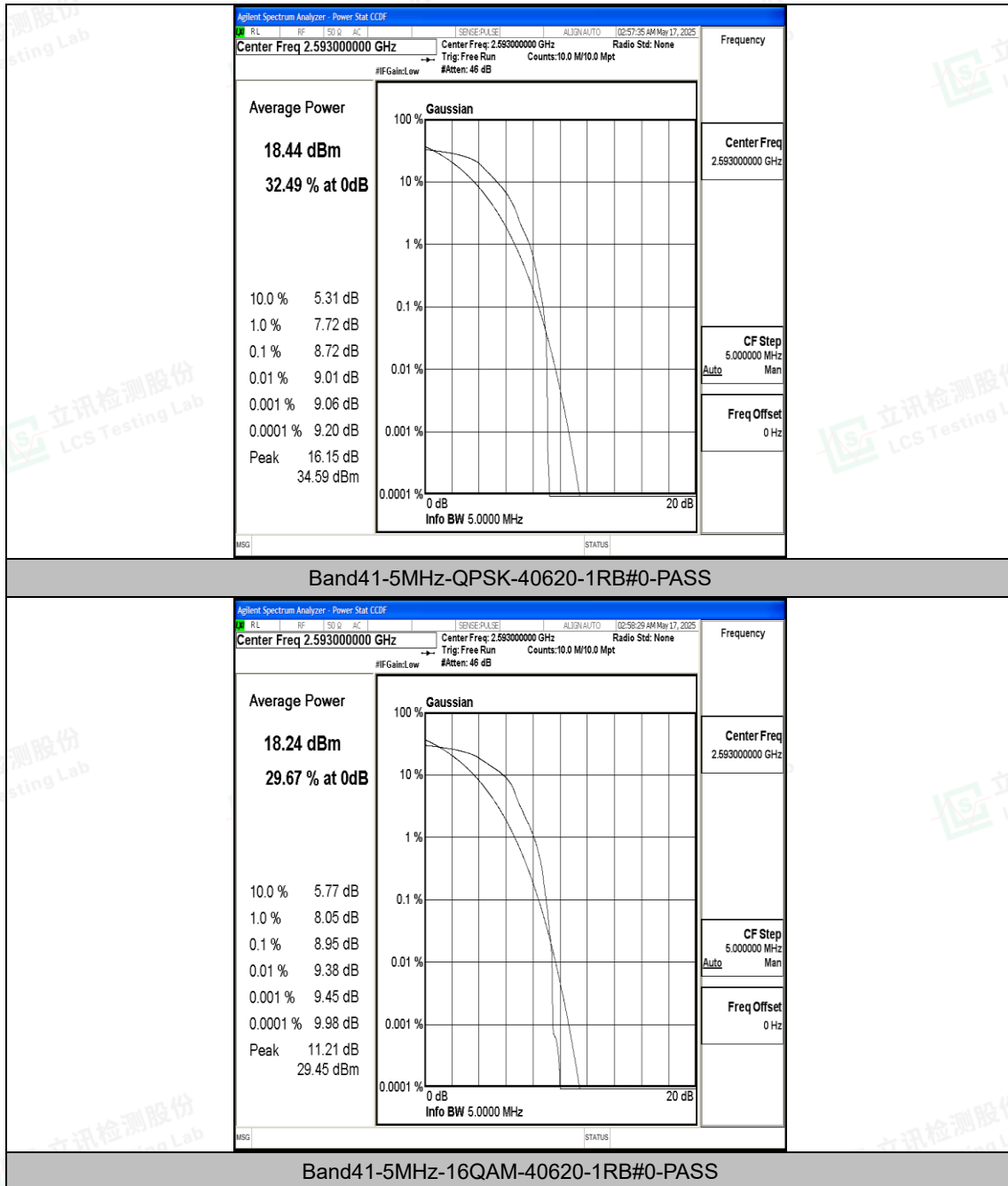


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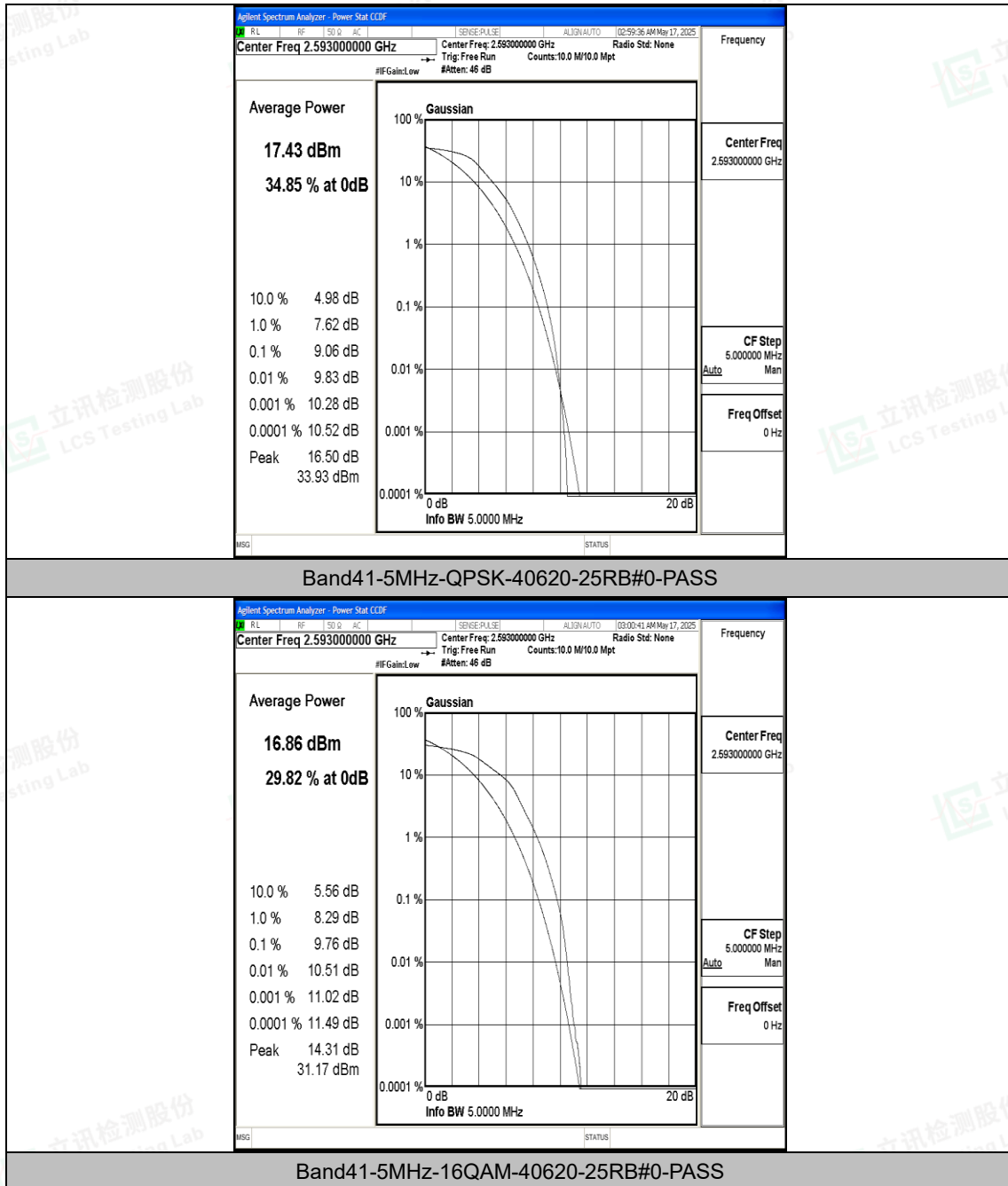


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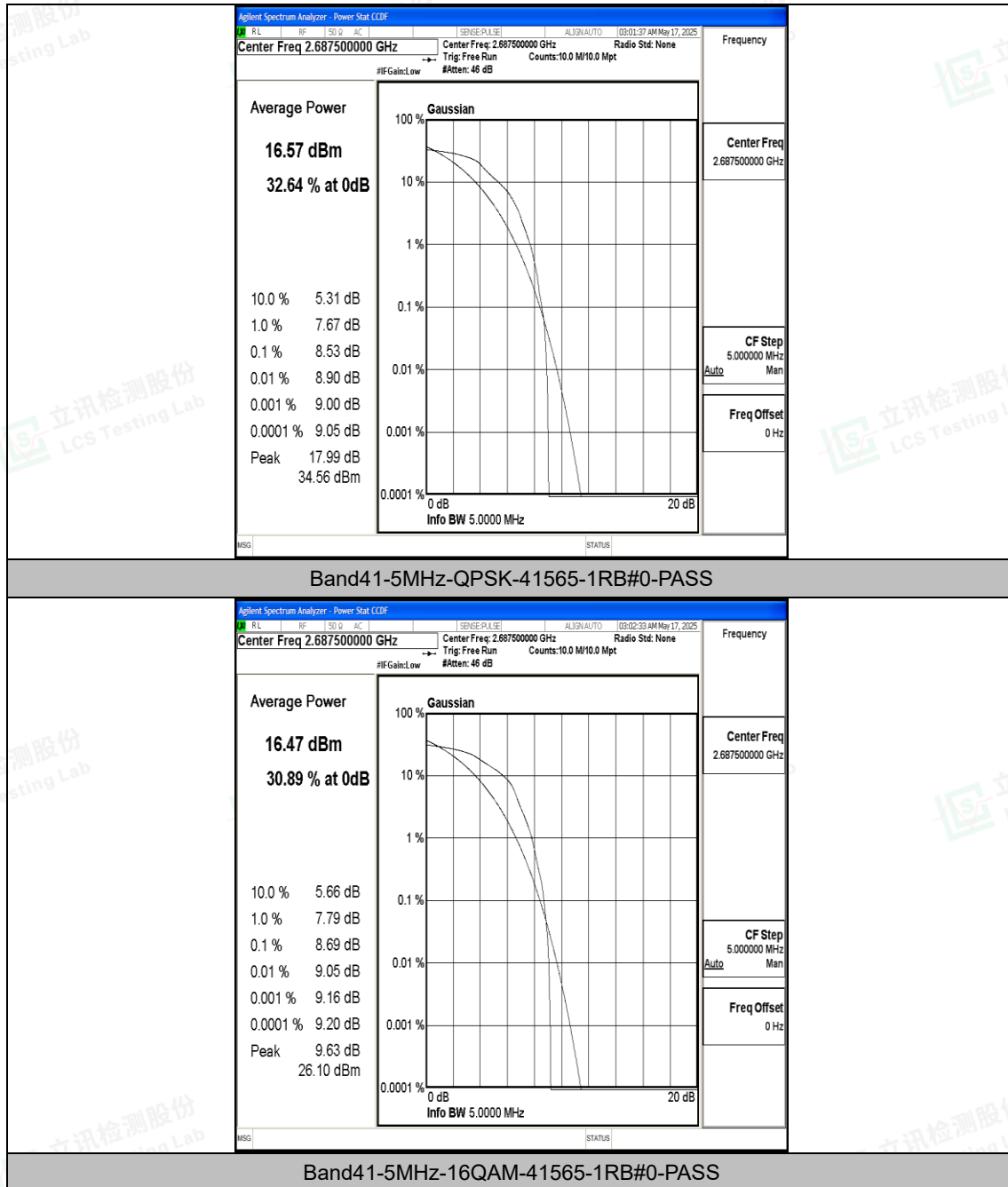


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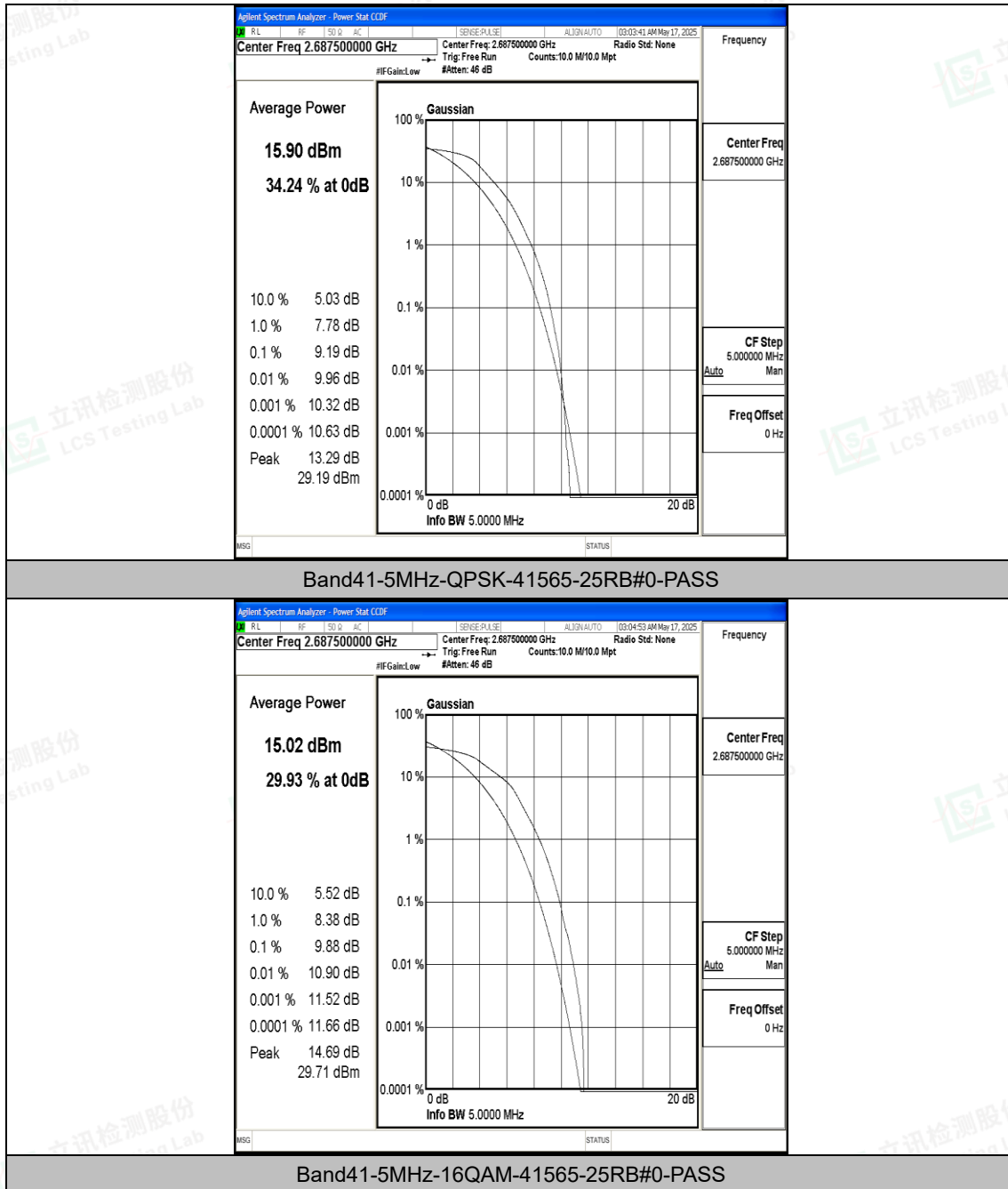


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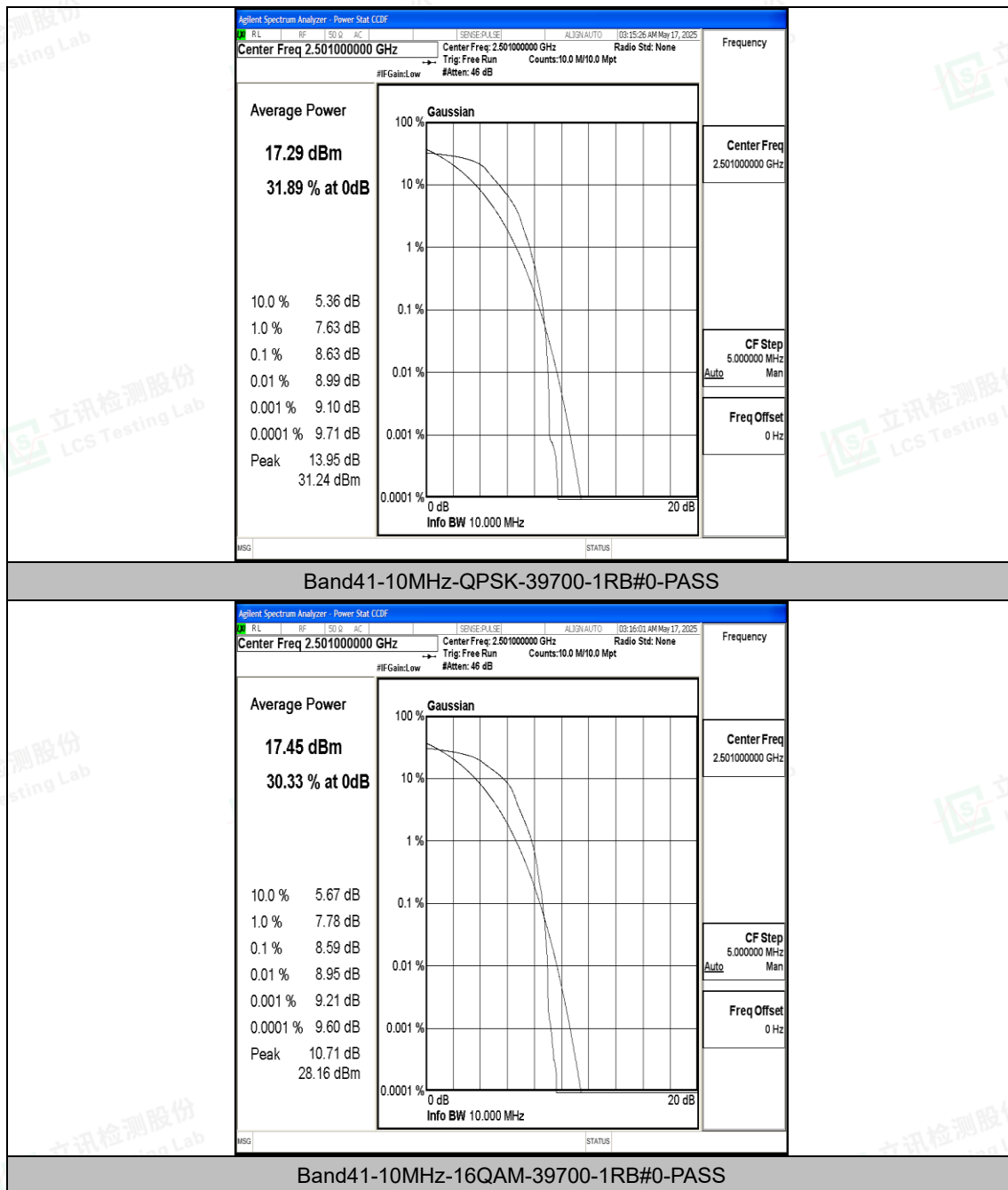


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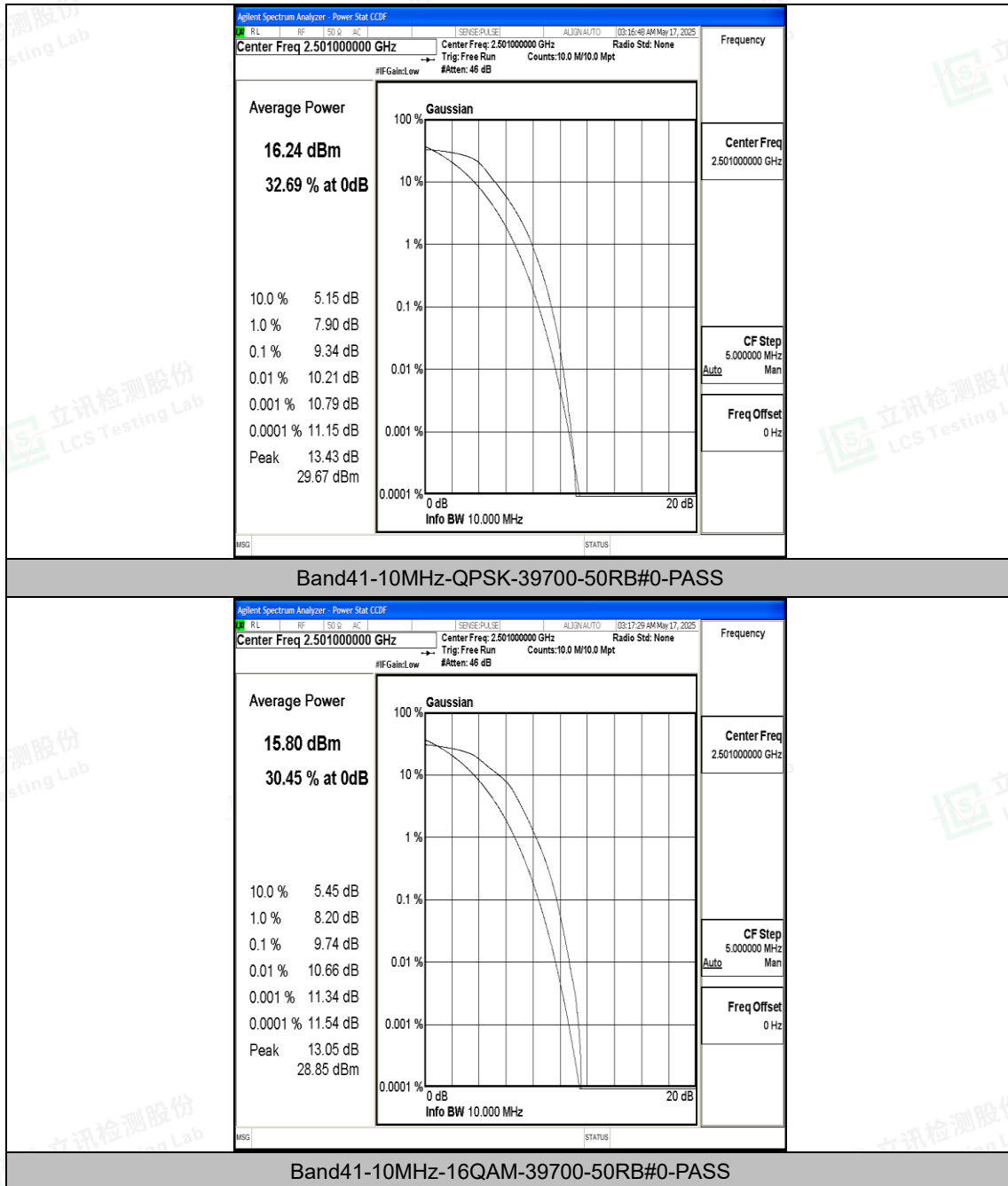


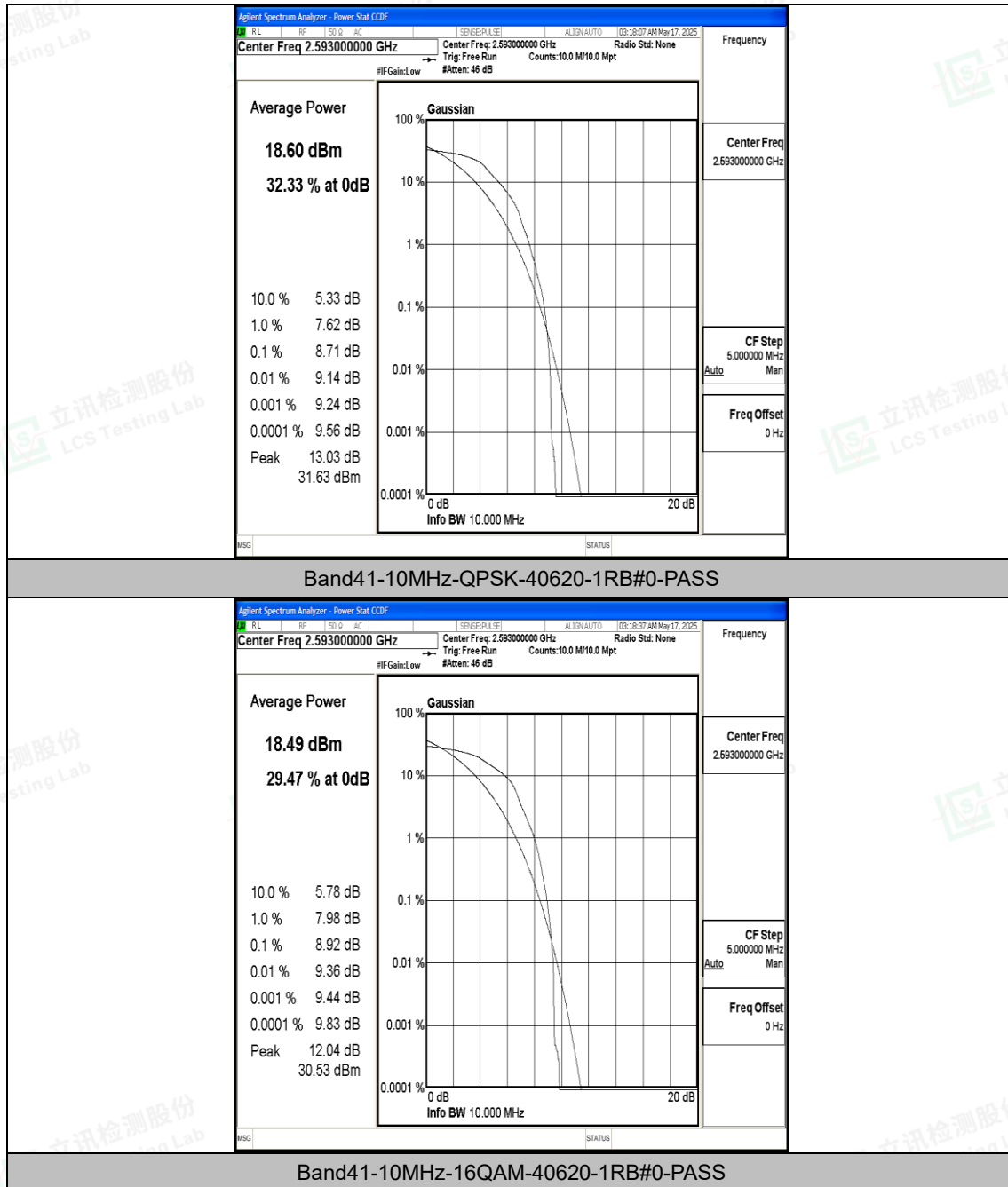
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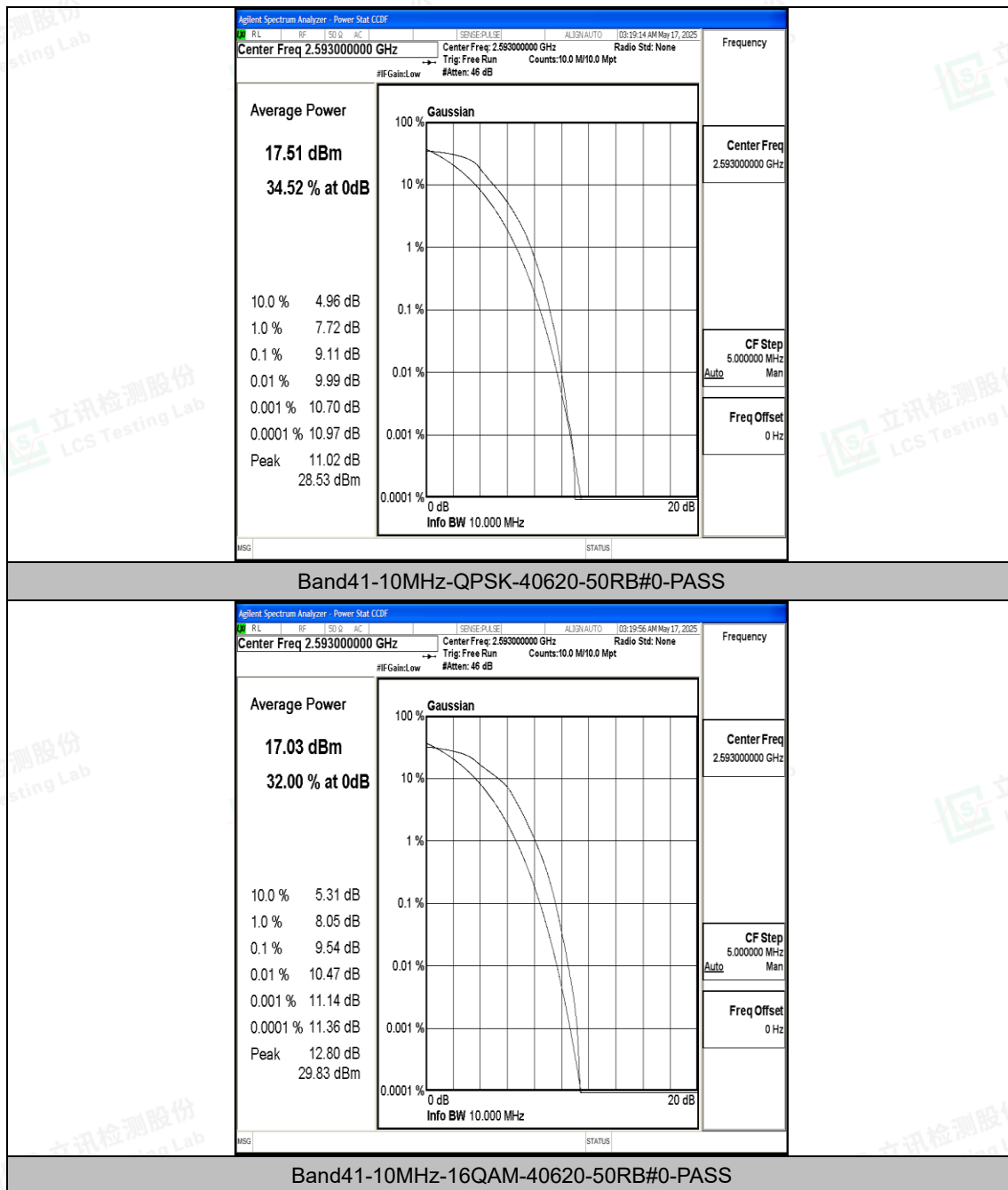


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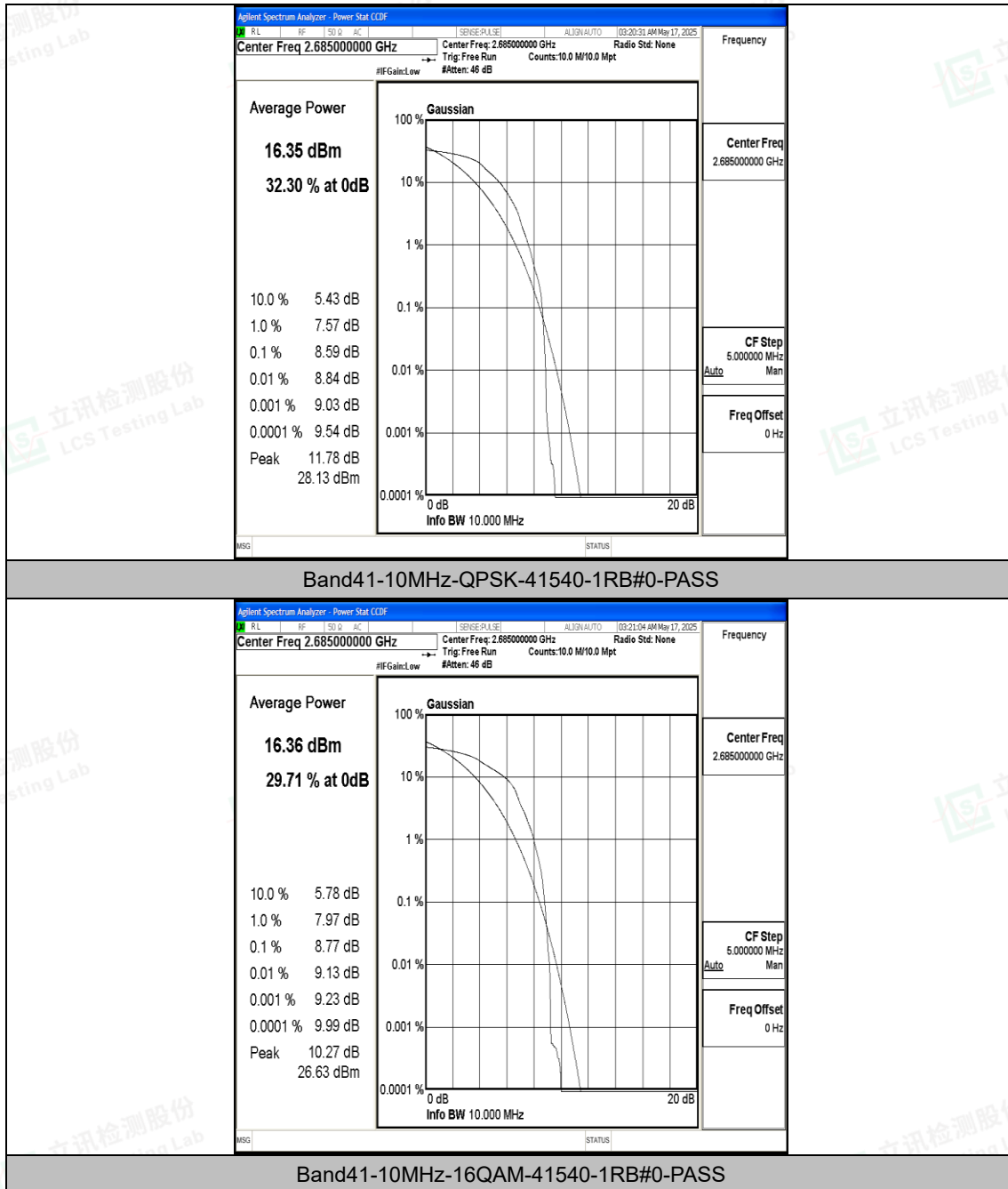


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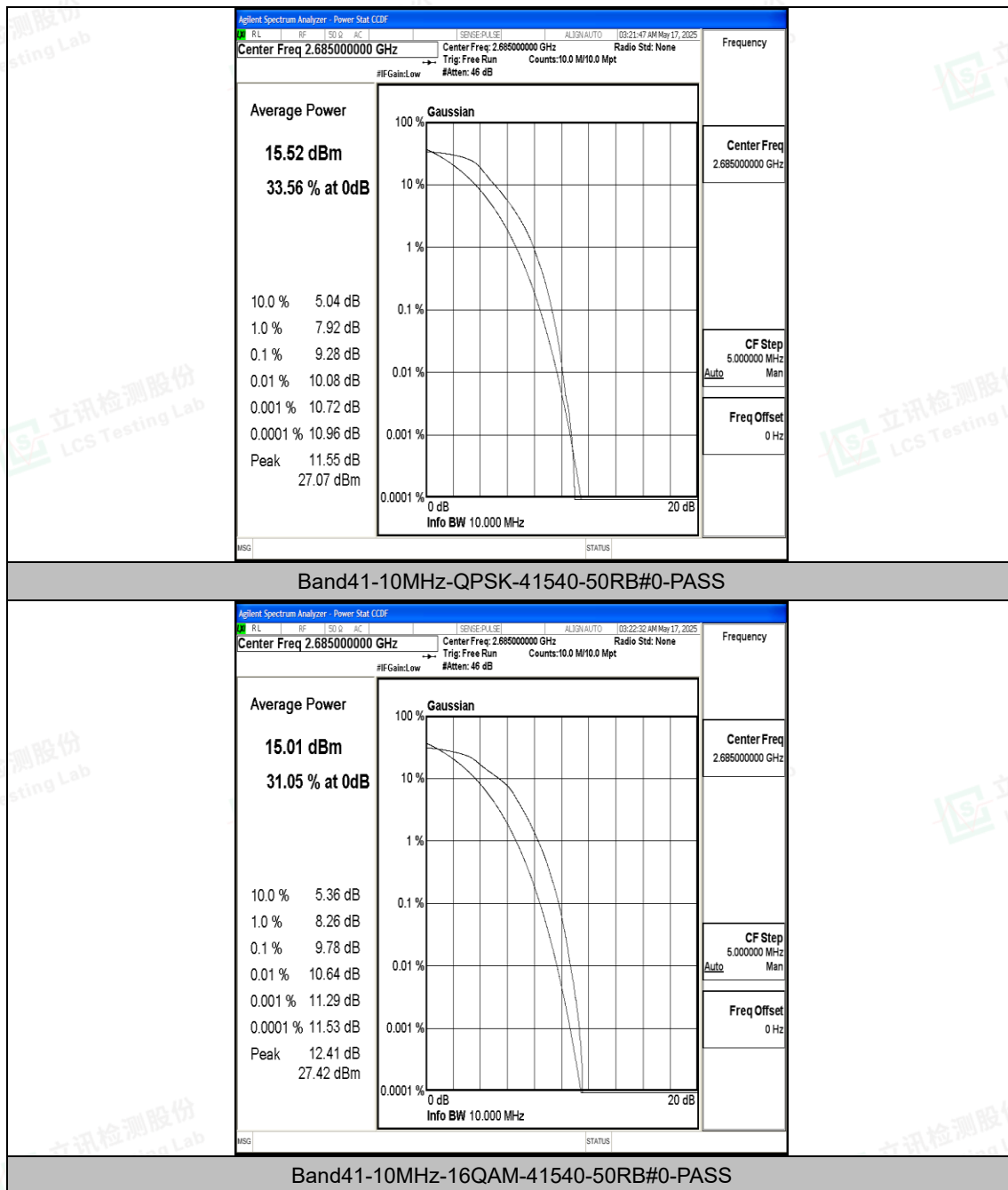


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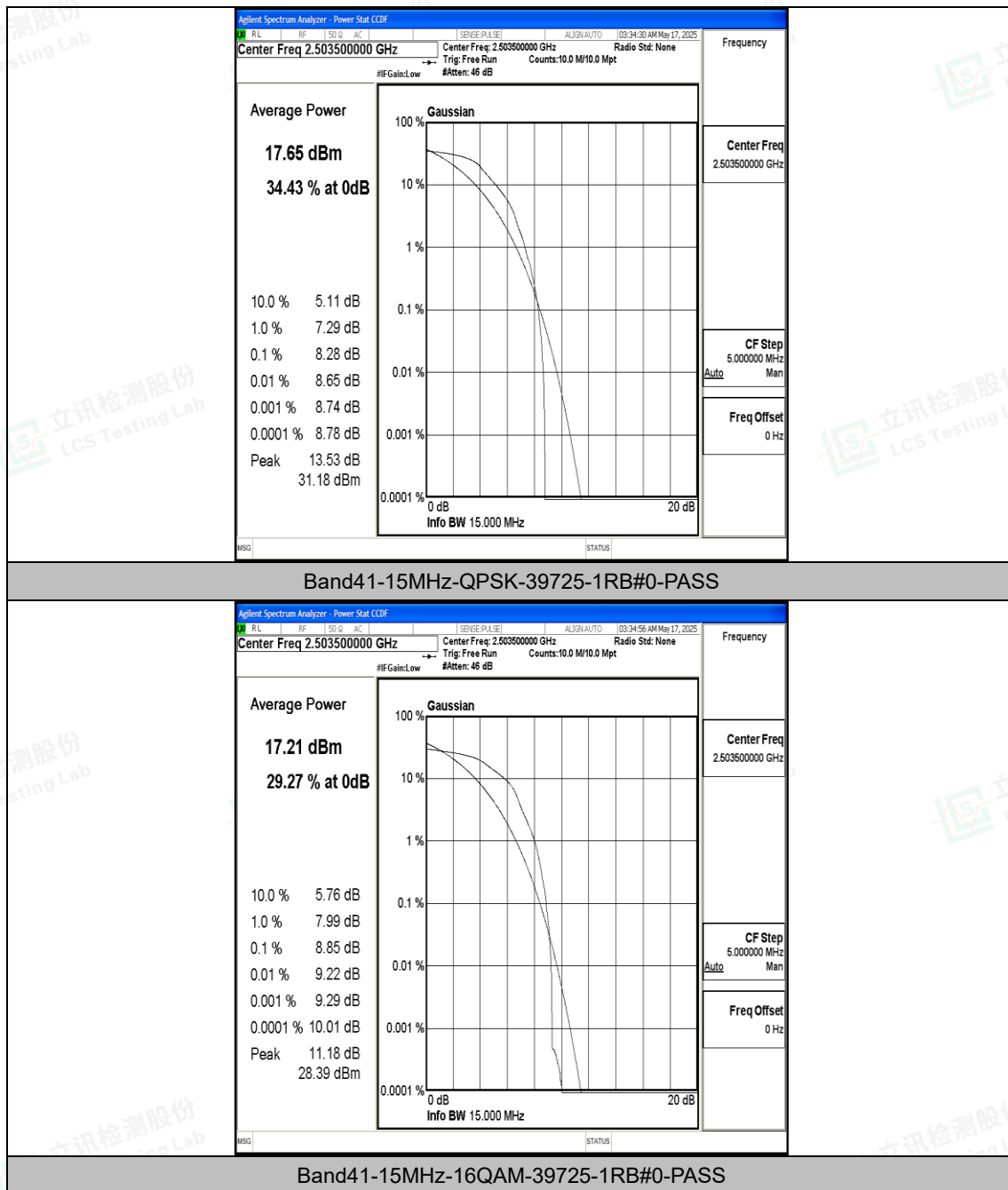


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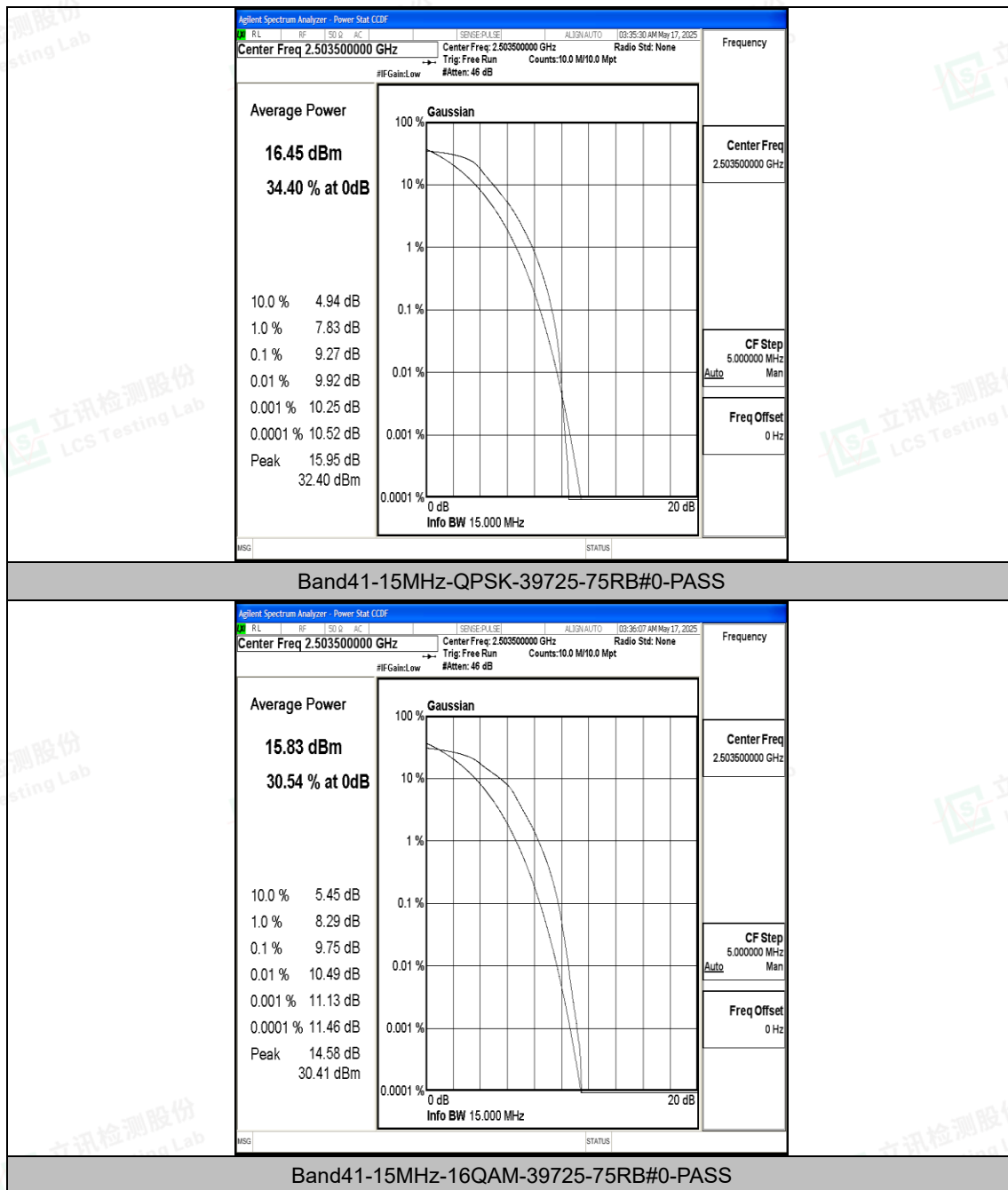


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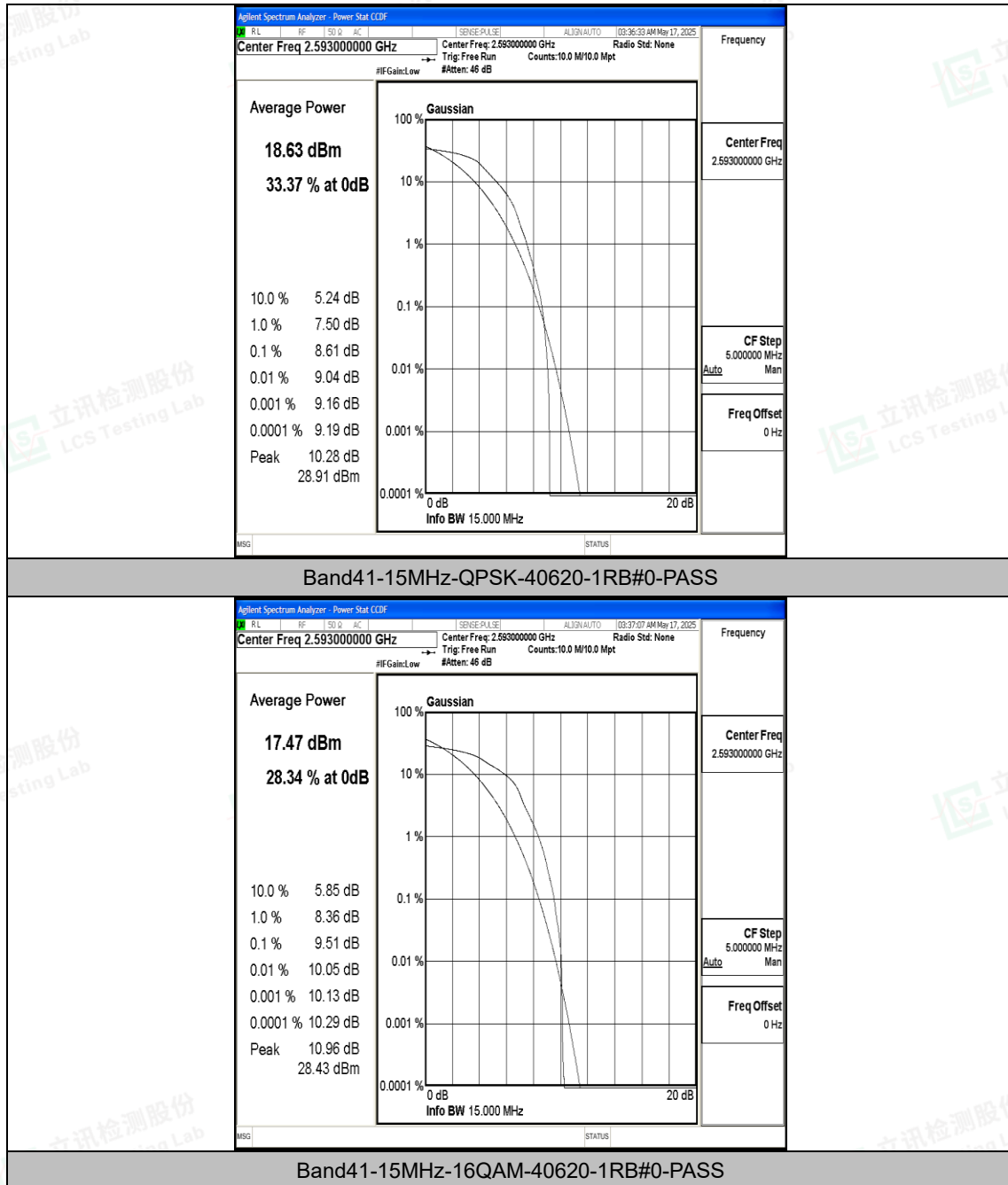


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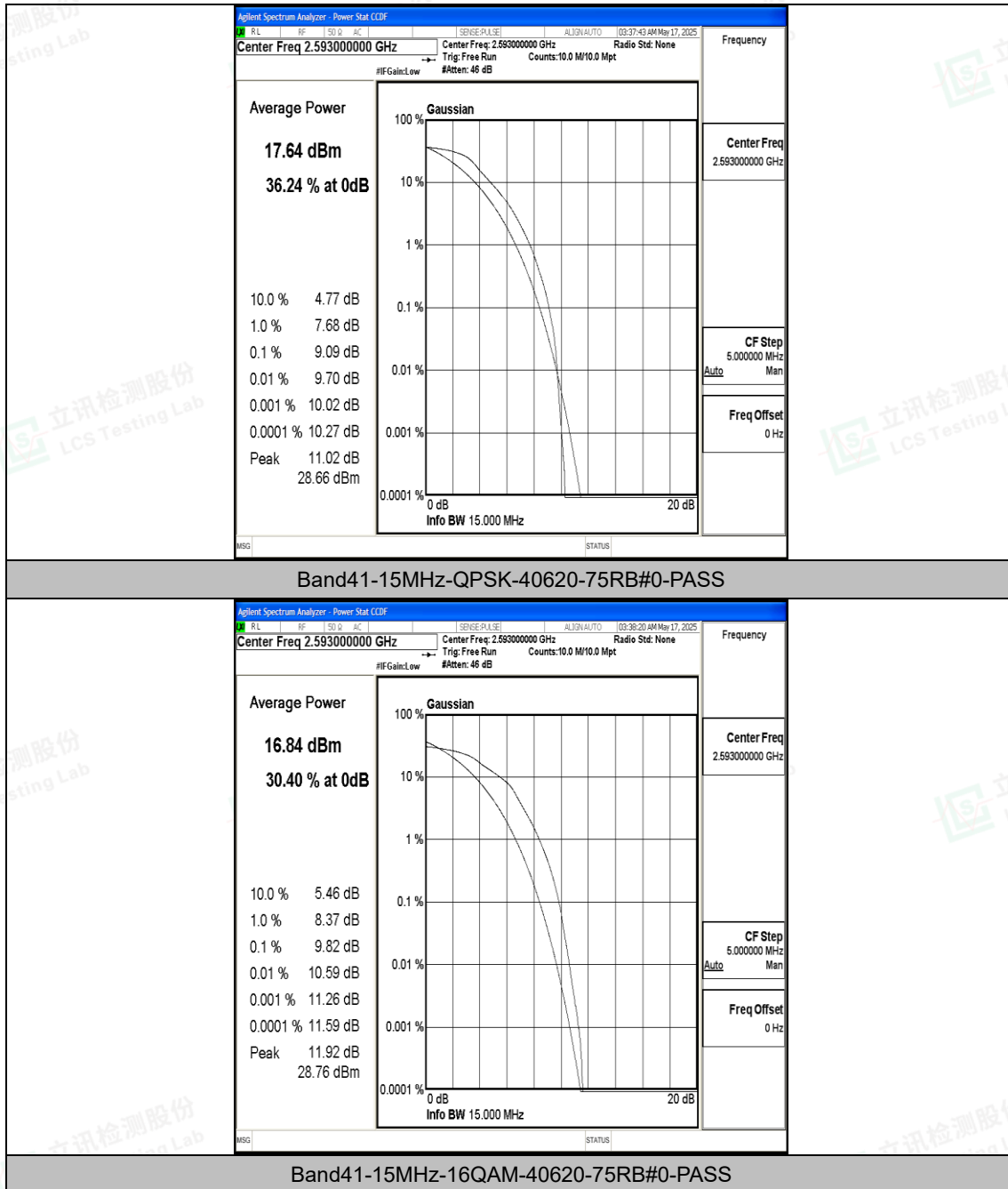


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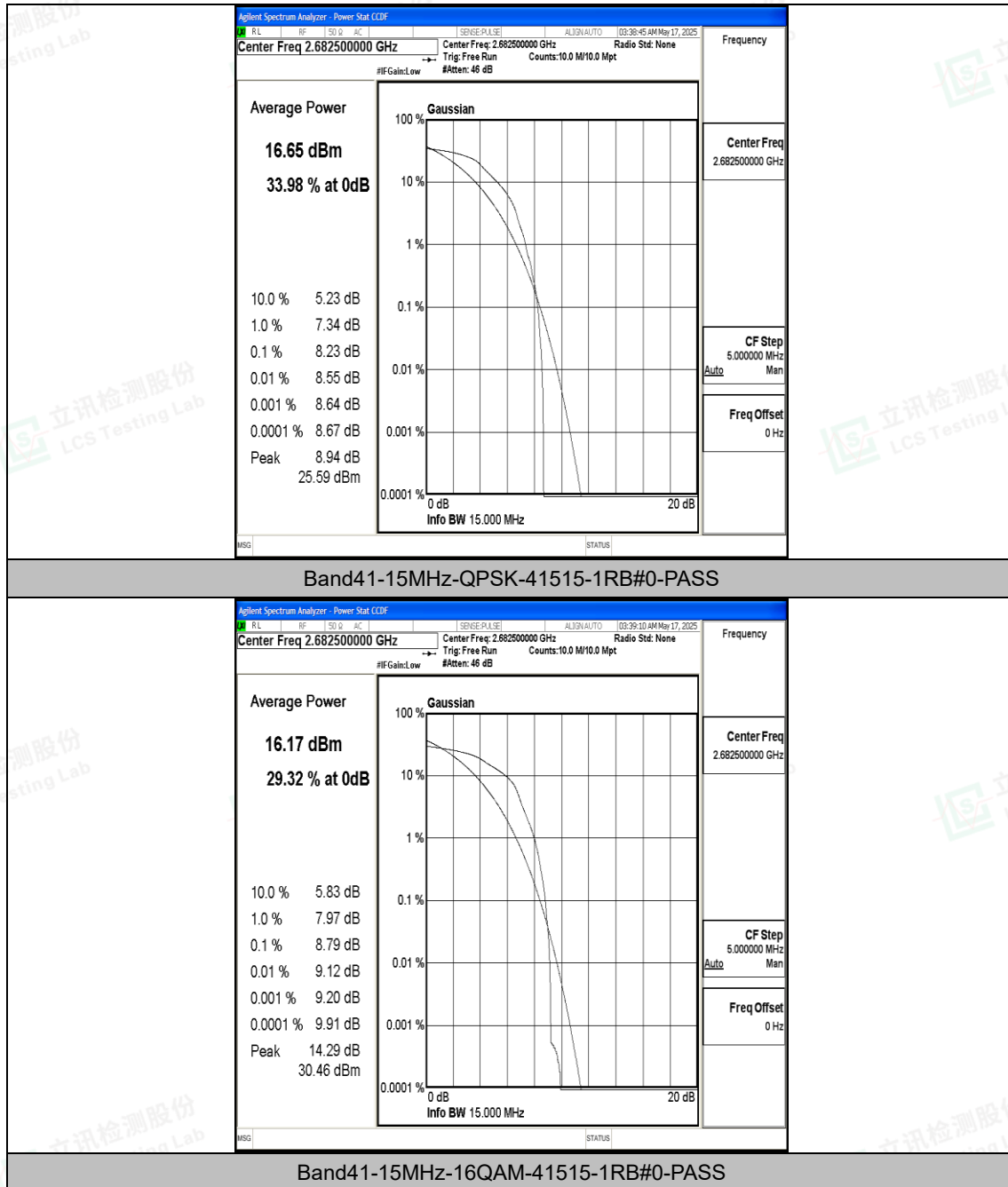


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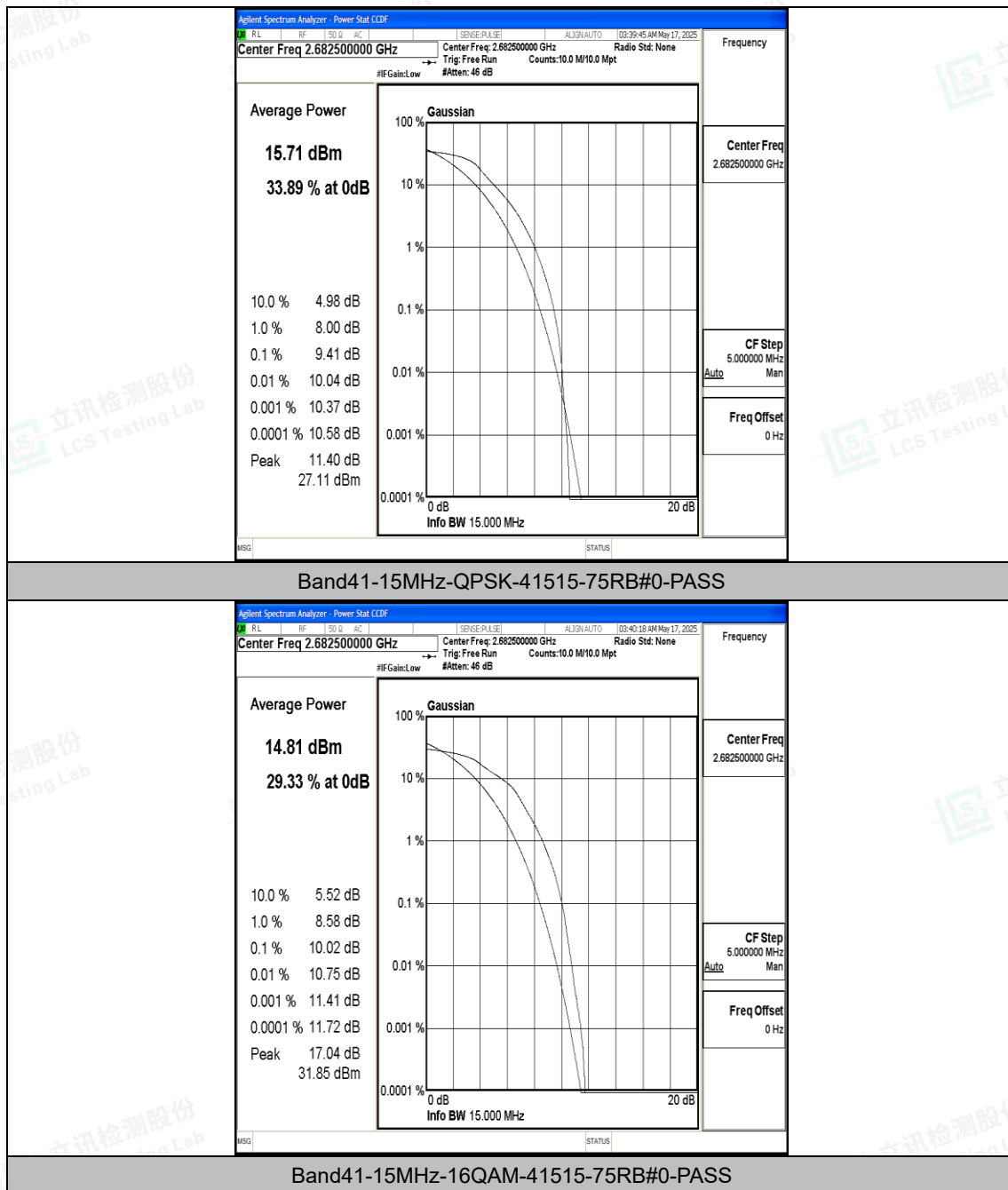


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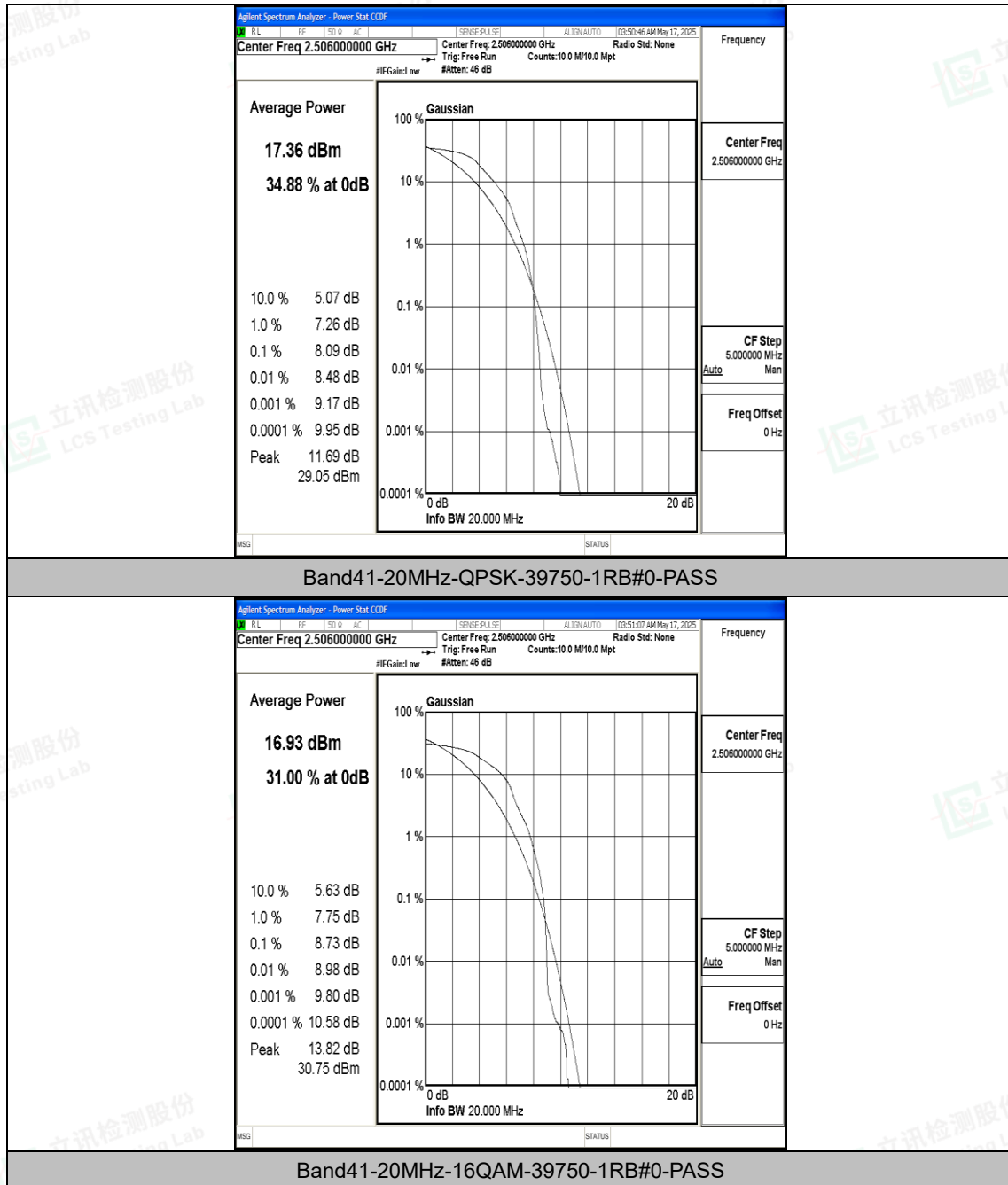


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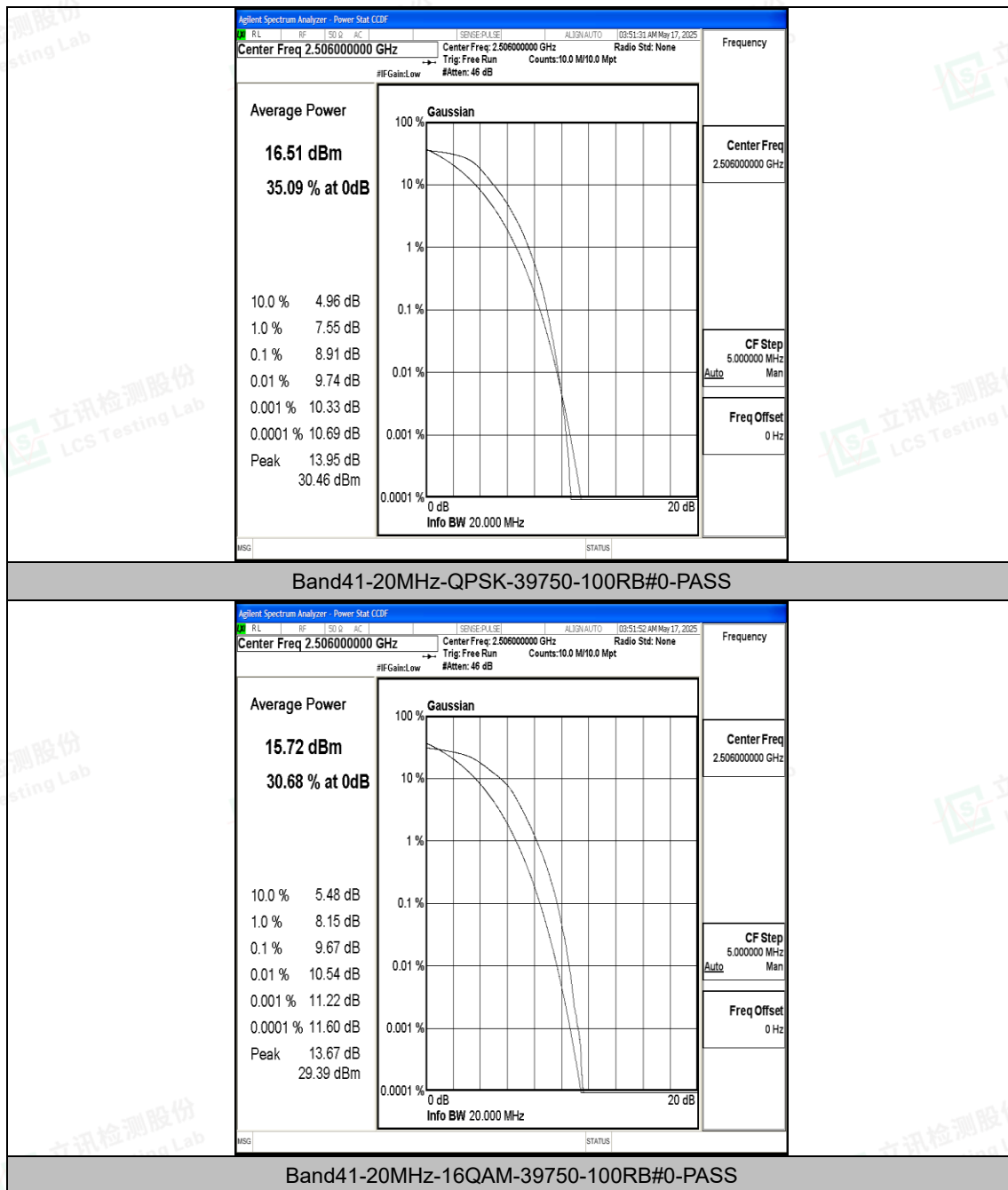


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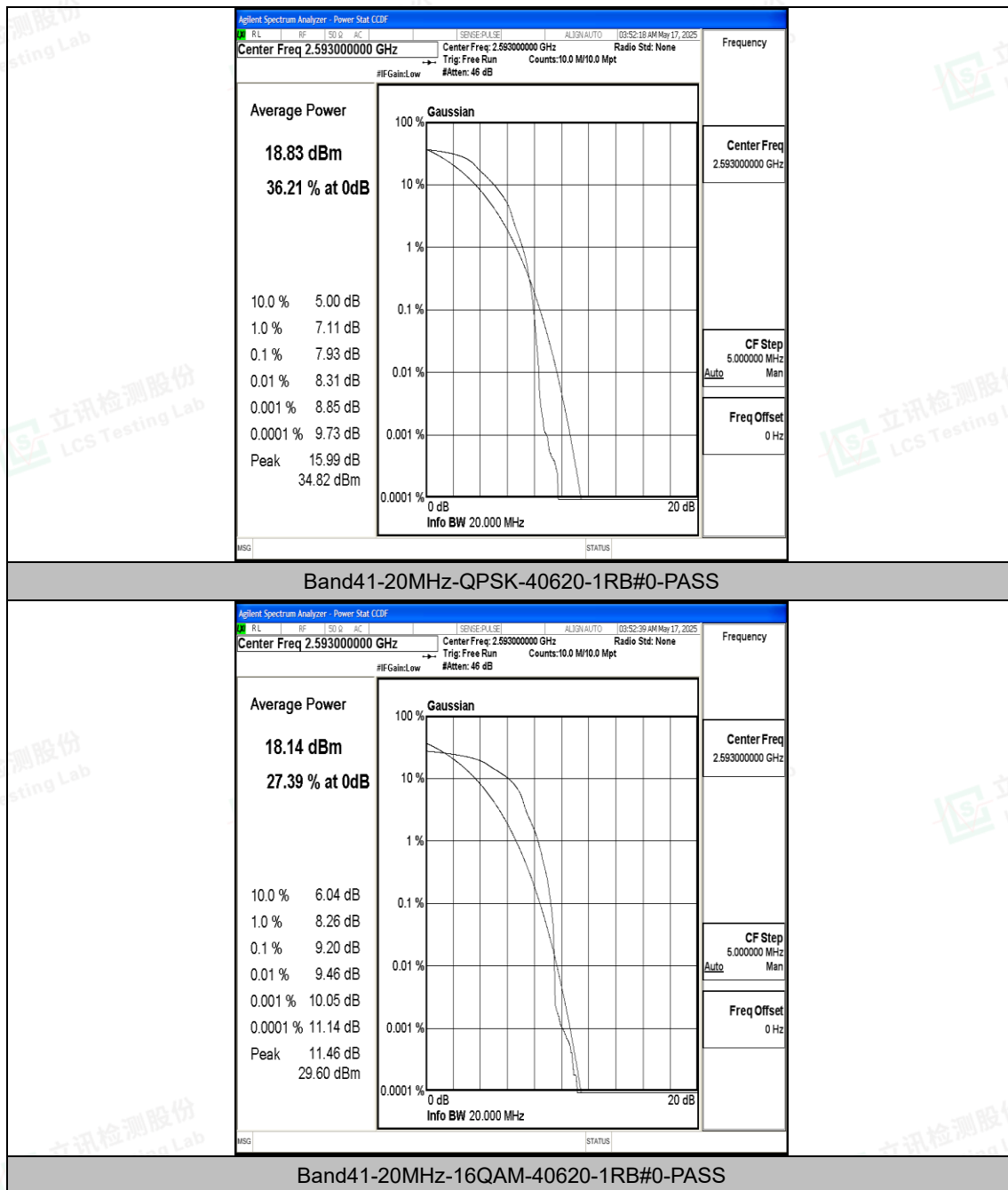


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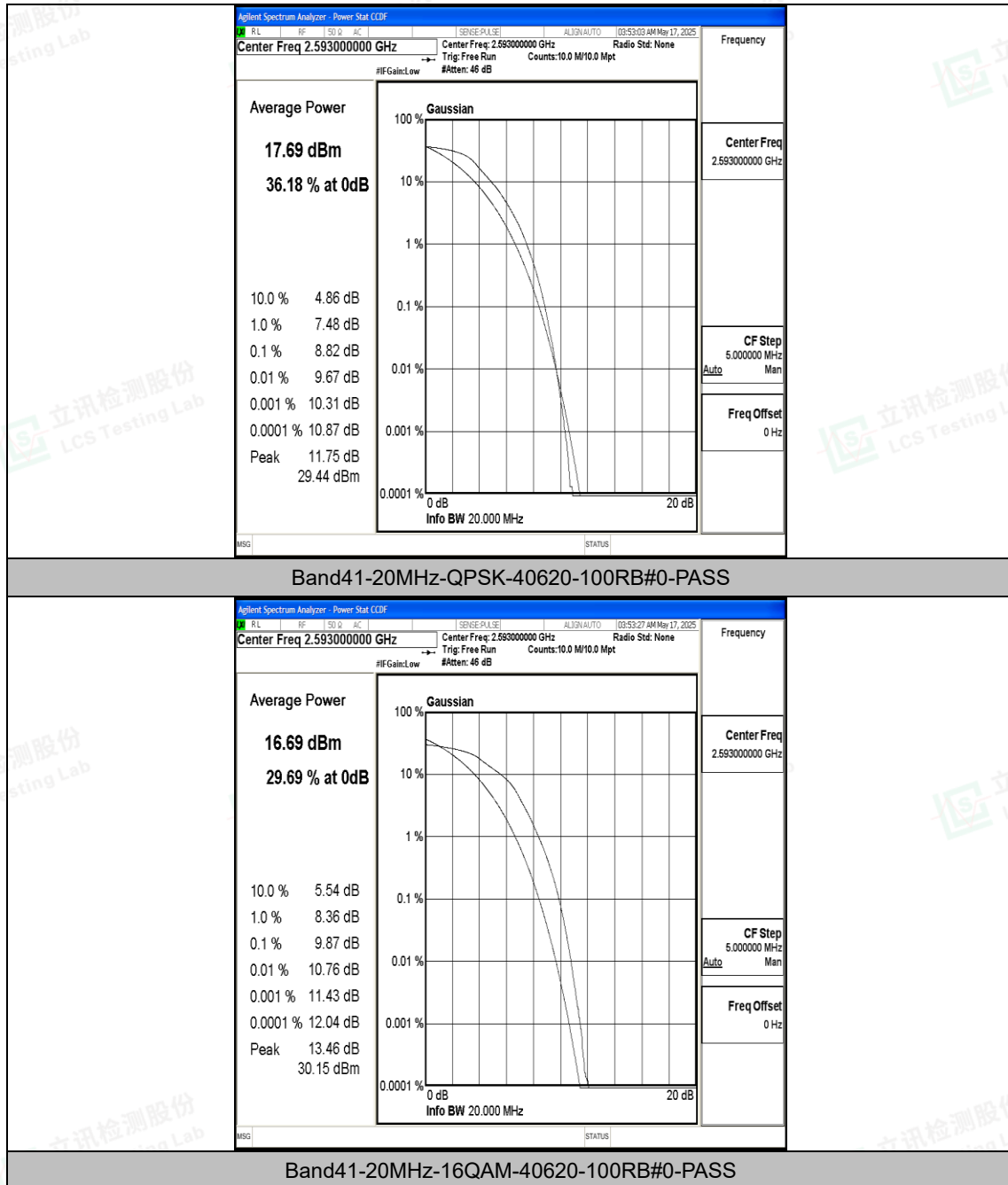


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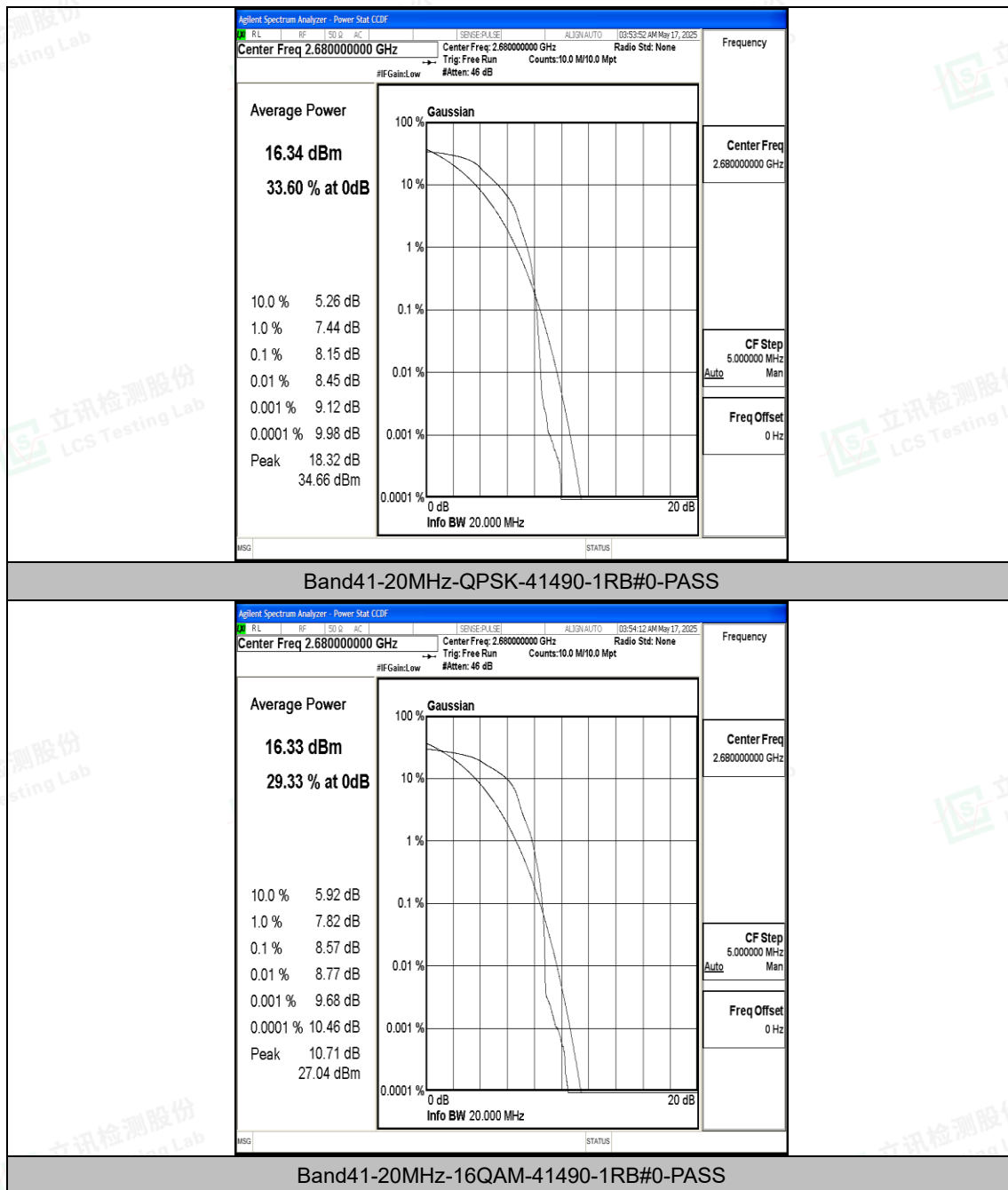


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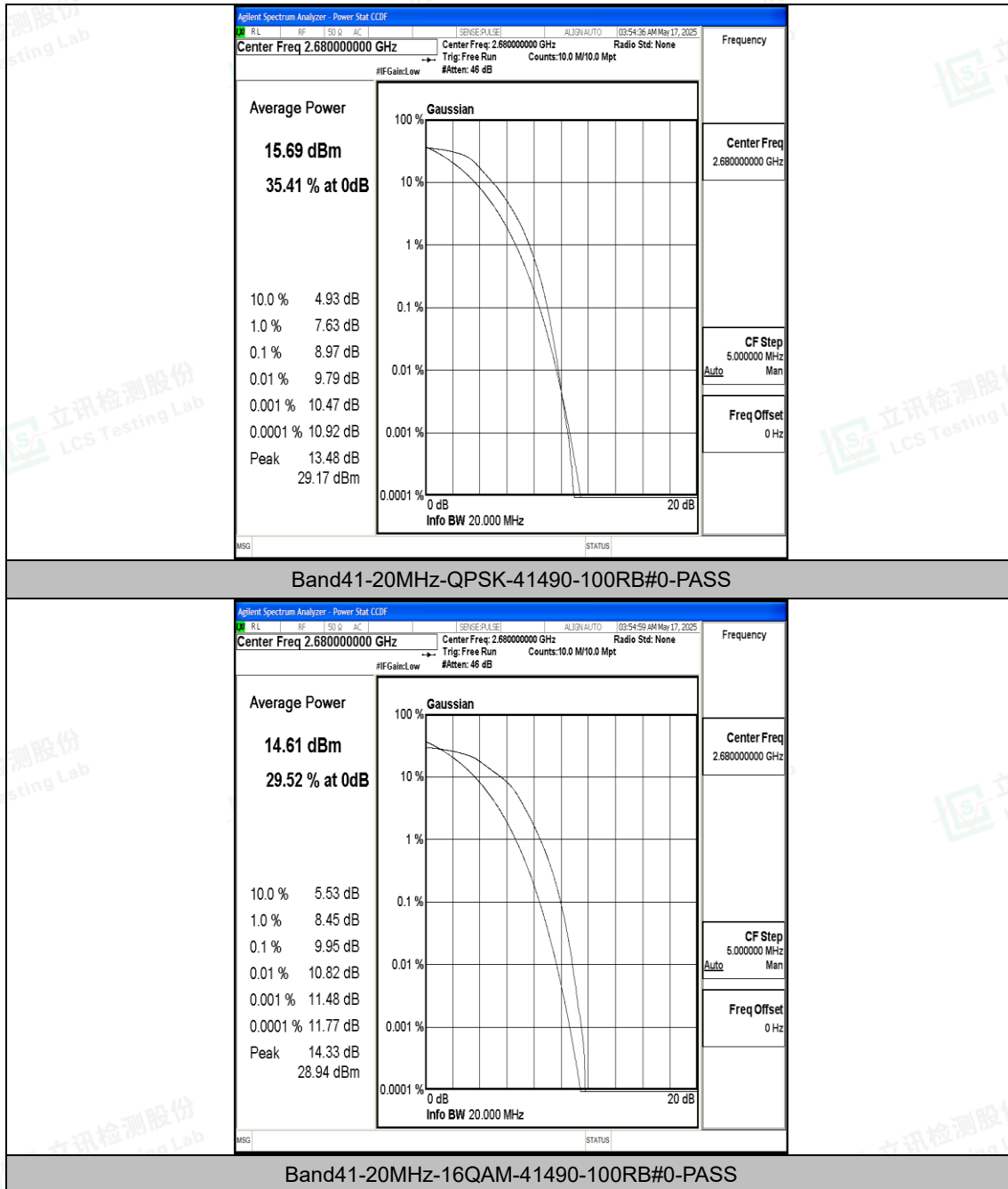


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J.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.5143	5.329	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.5222	5.310	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.5083	5.254	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.5115	5.378	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.4946	5.144	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.4989	5.334	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.9965	9.843	PASS
Band41	10MHz	16QAM	39700	50RB#0	9.0034	10.04	PASS
Band41	10MHz	QPSK	40620	50RB#0	9.0069	10.02	PASS
Band41	10MHz	16QAM	40620	50RB#0	9.0080	10.05	PASS
Band41	10MHz	QPSK	41540	50RB#0	9.0037	10.16	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.0132	10.66	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.491	16.36	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.542	16.58	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.536	16.03	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.503	15.57	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.532	15.35	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.503	15.50	PASS
Band41	20MHz	QPSK	39750	100RB#0	18.019	20.84	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.994	20.81	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.982	20.61	PASS
Band41	20MHz	16QAM	40620	100RB#0	18.023	20.49	PASS
Band41	20MHz	QPSK	41490	100RB#0	18.031	19.88	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.978	20.12	PASS



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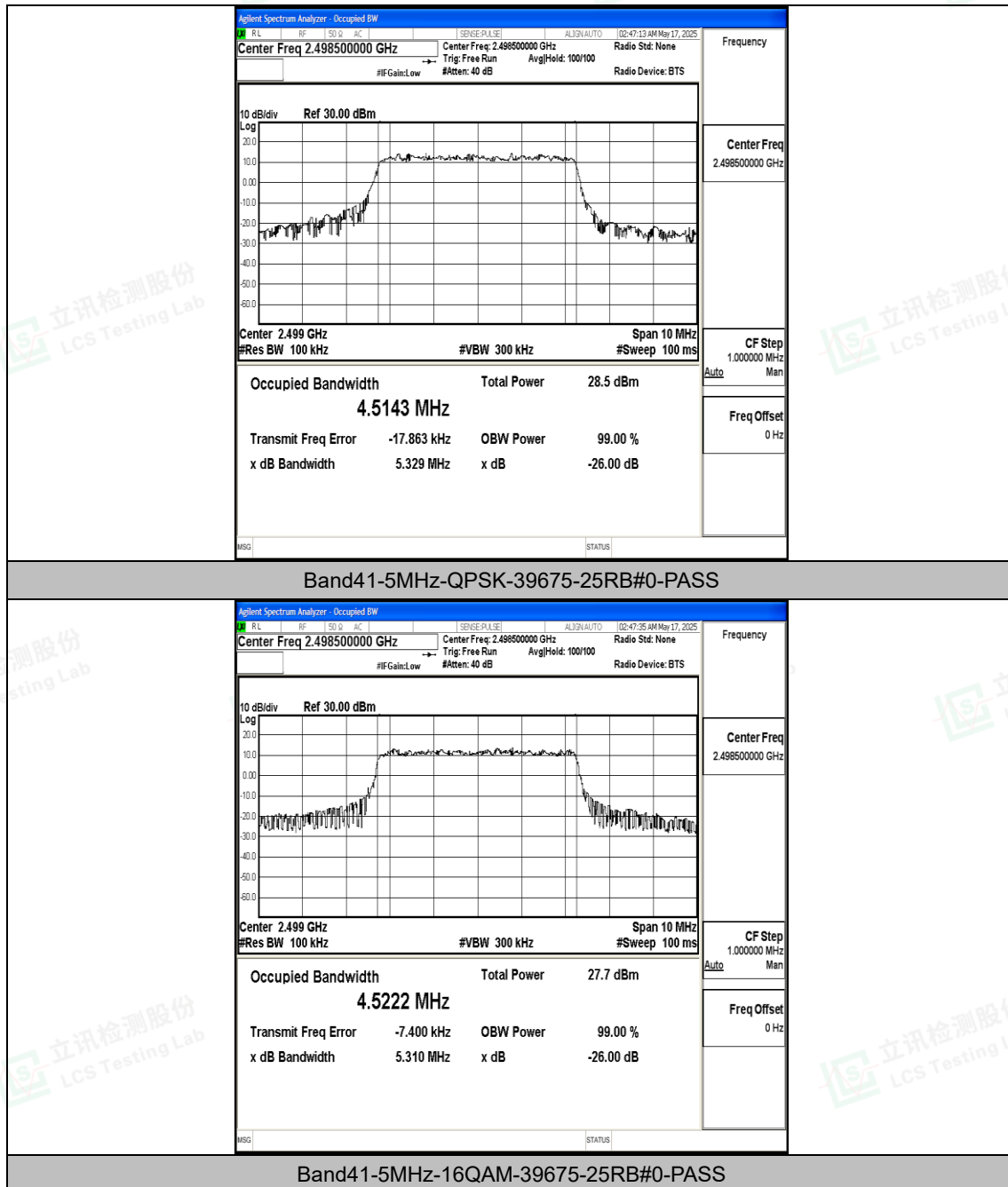
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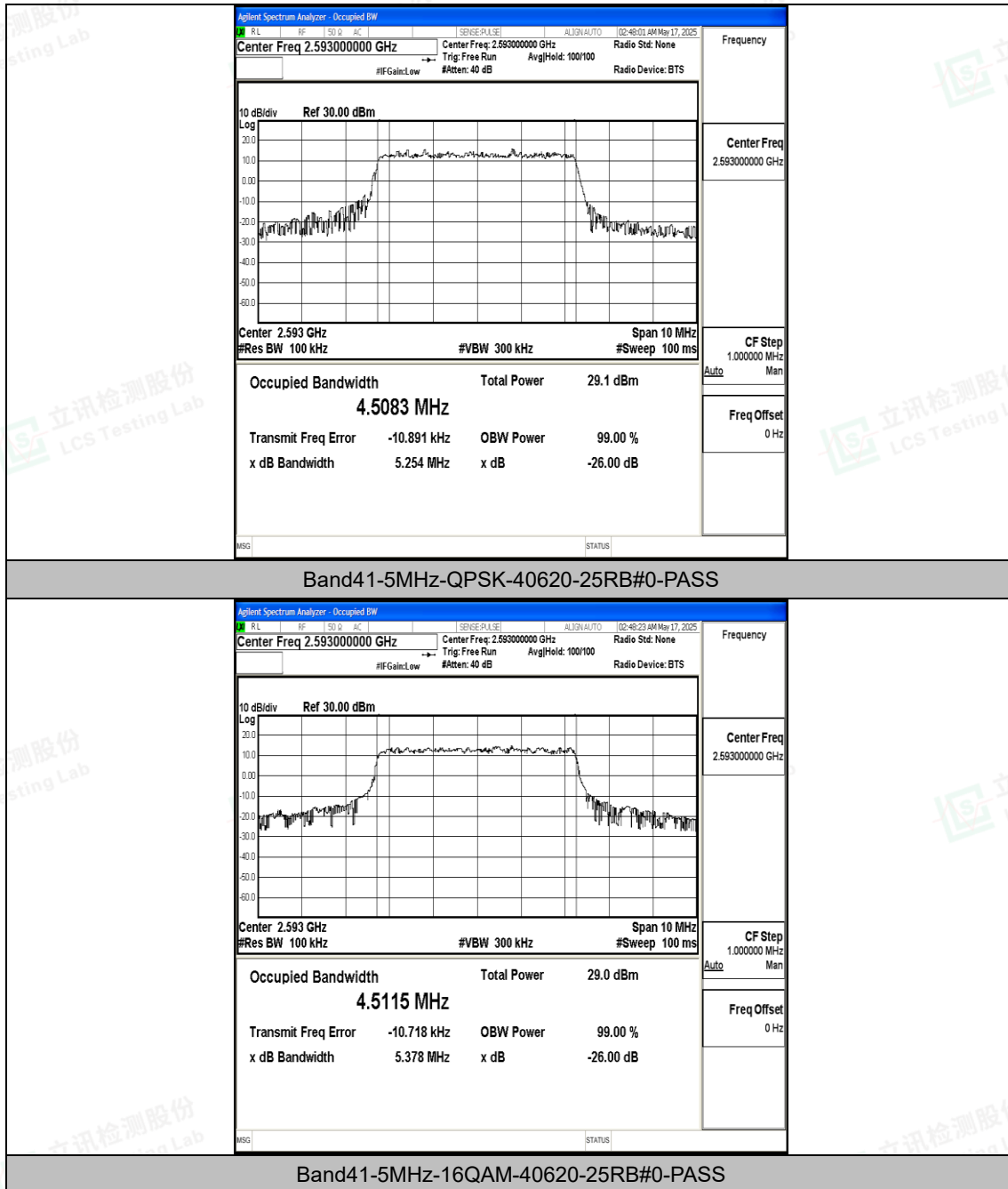
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Test Graphs



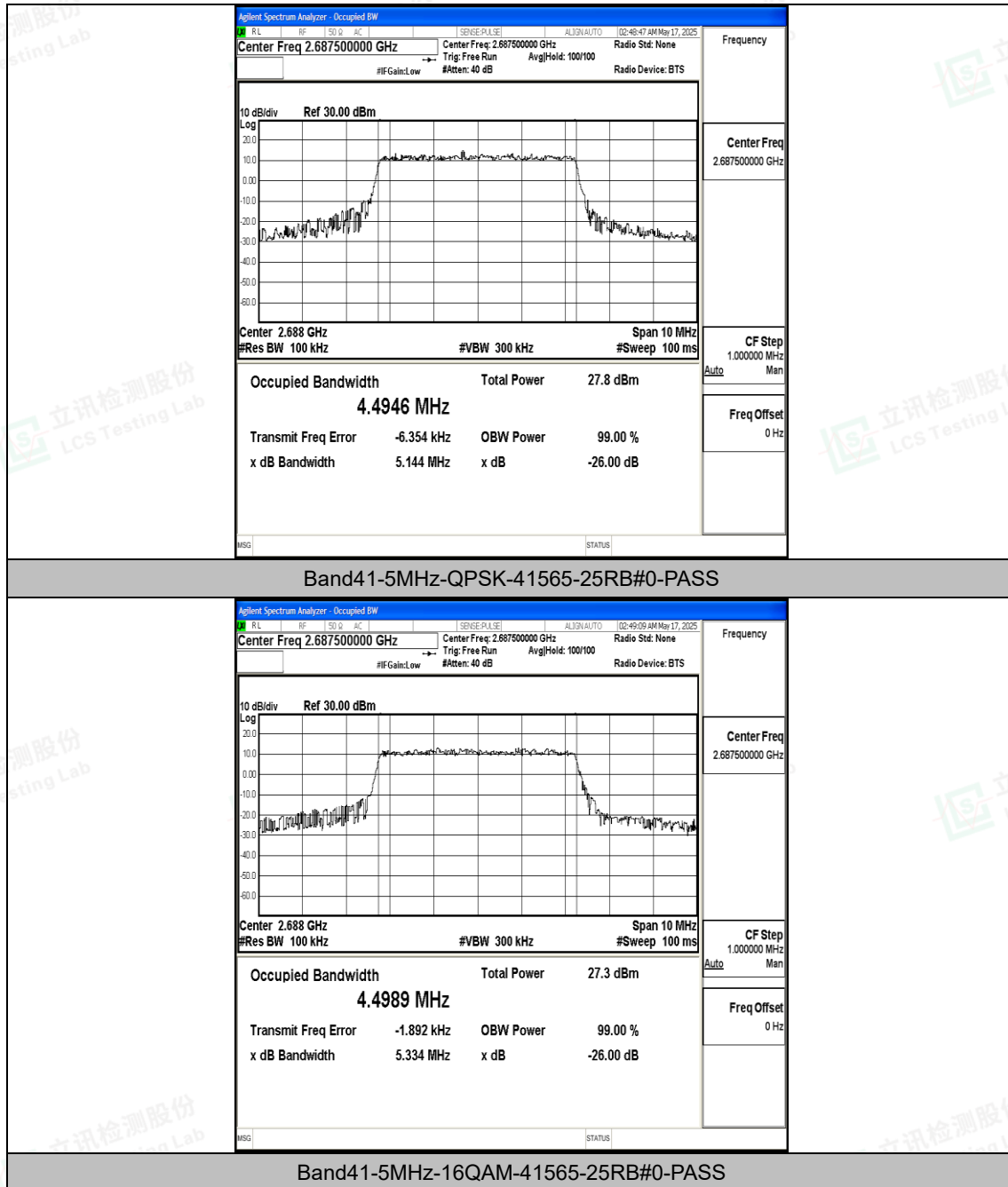


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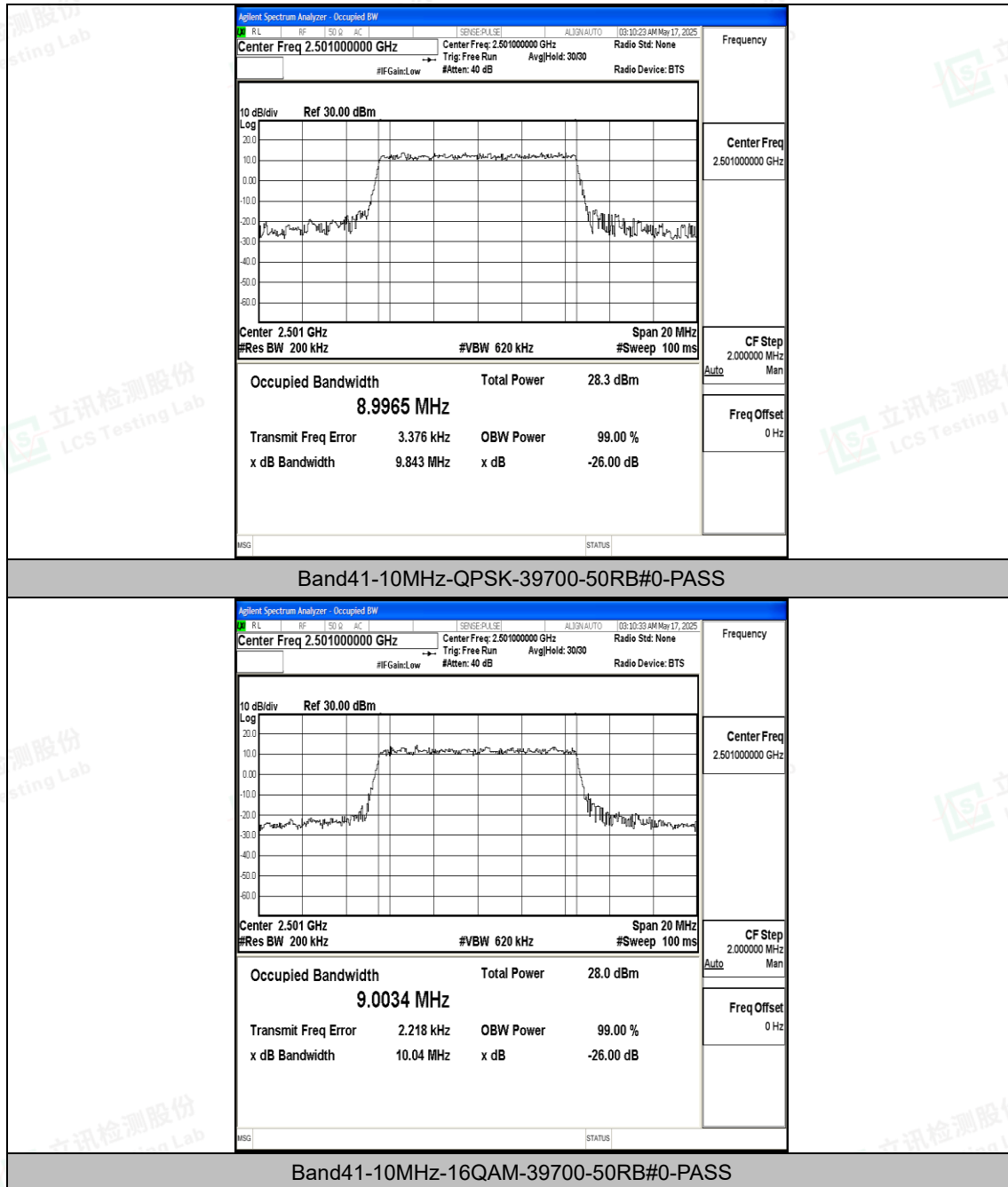


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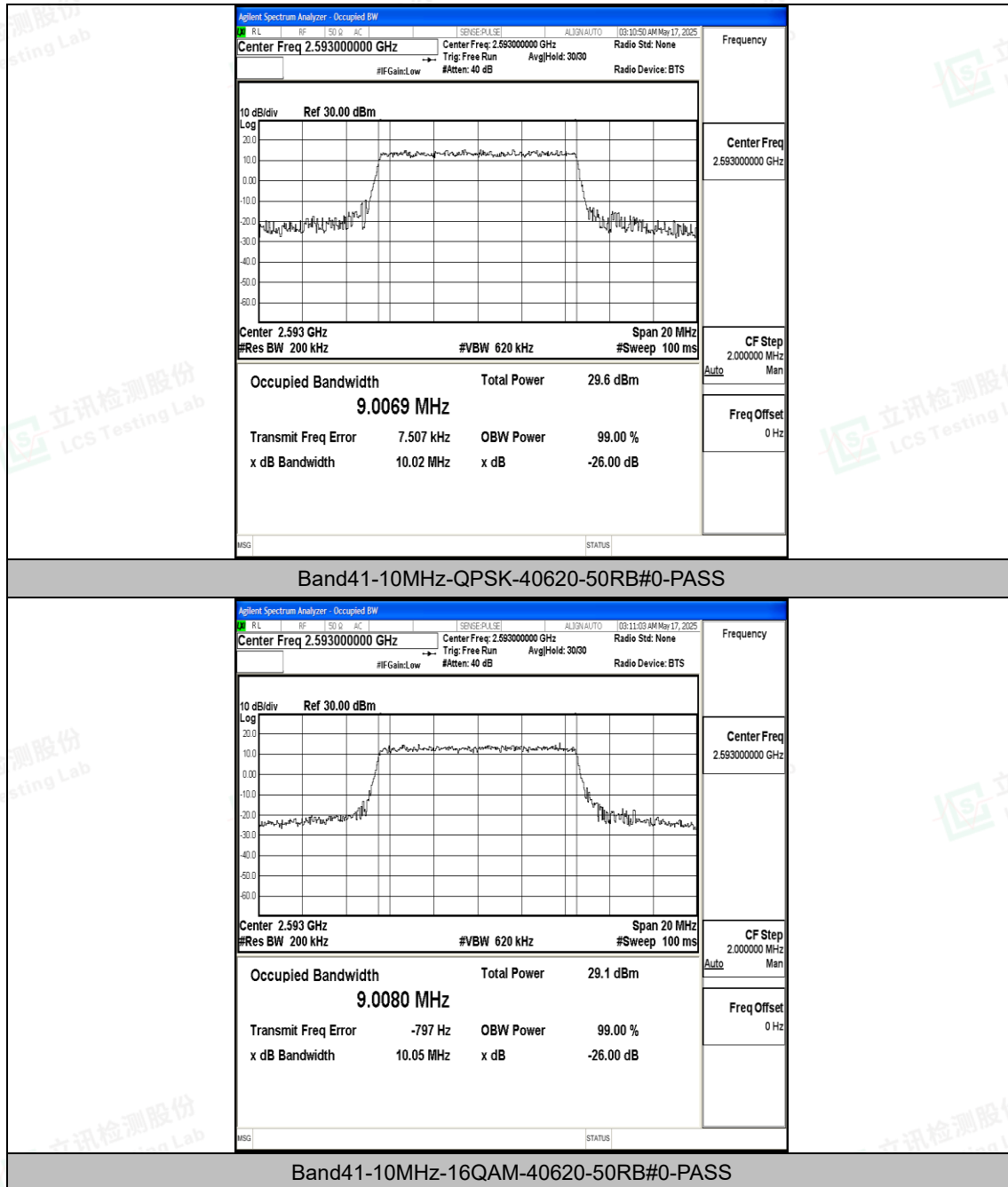


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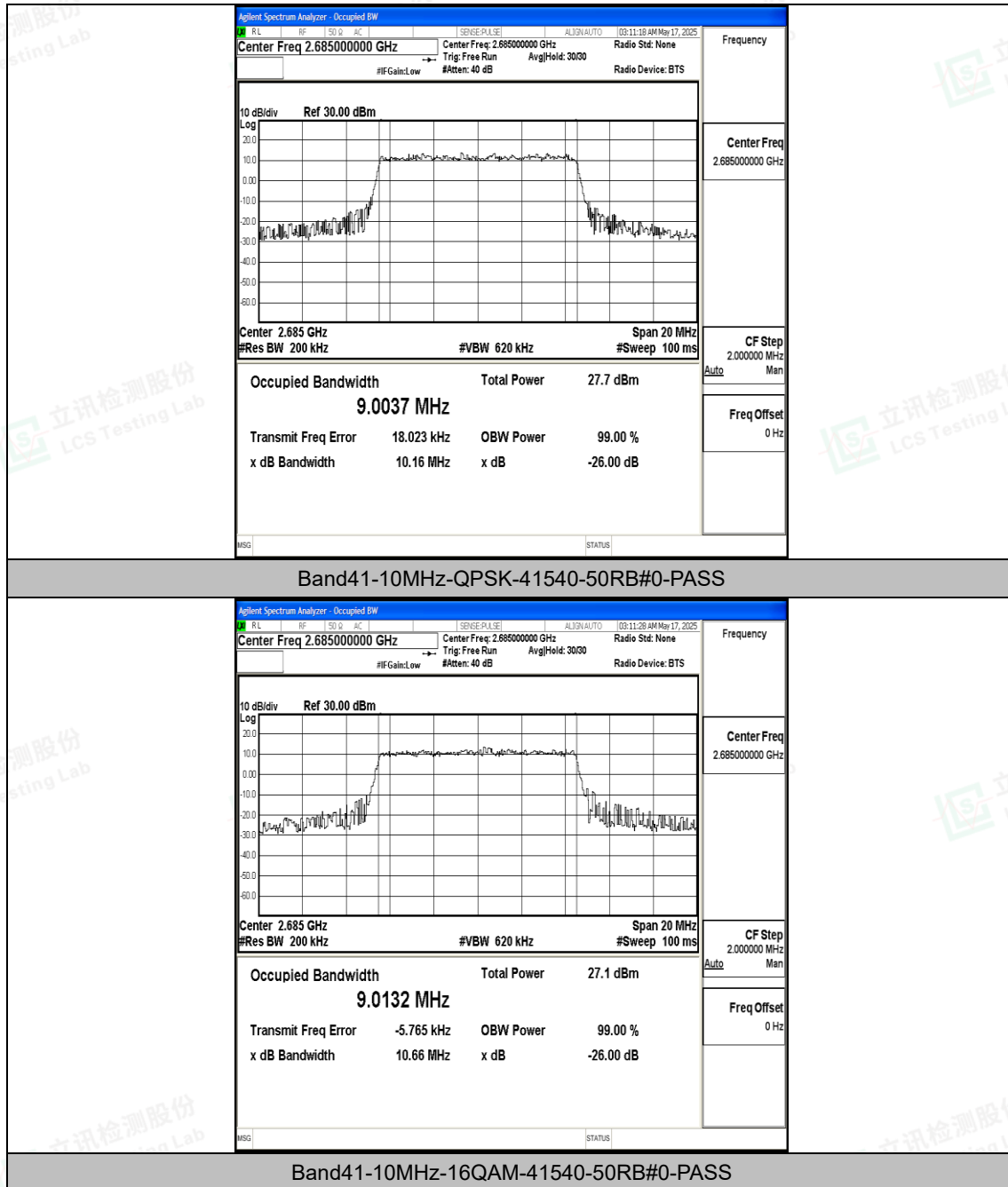


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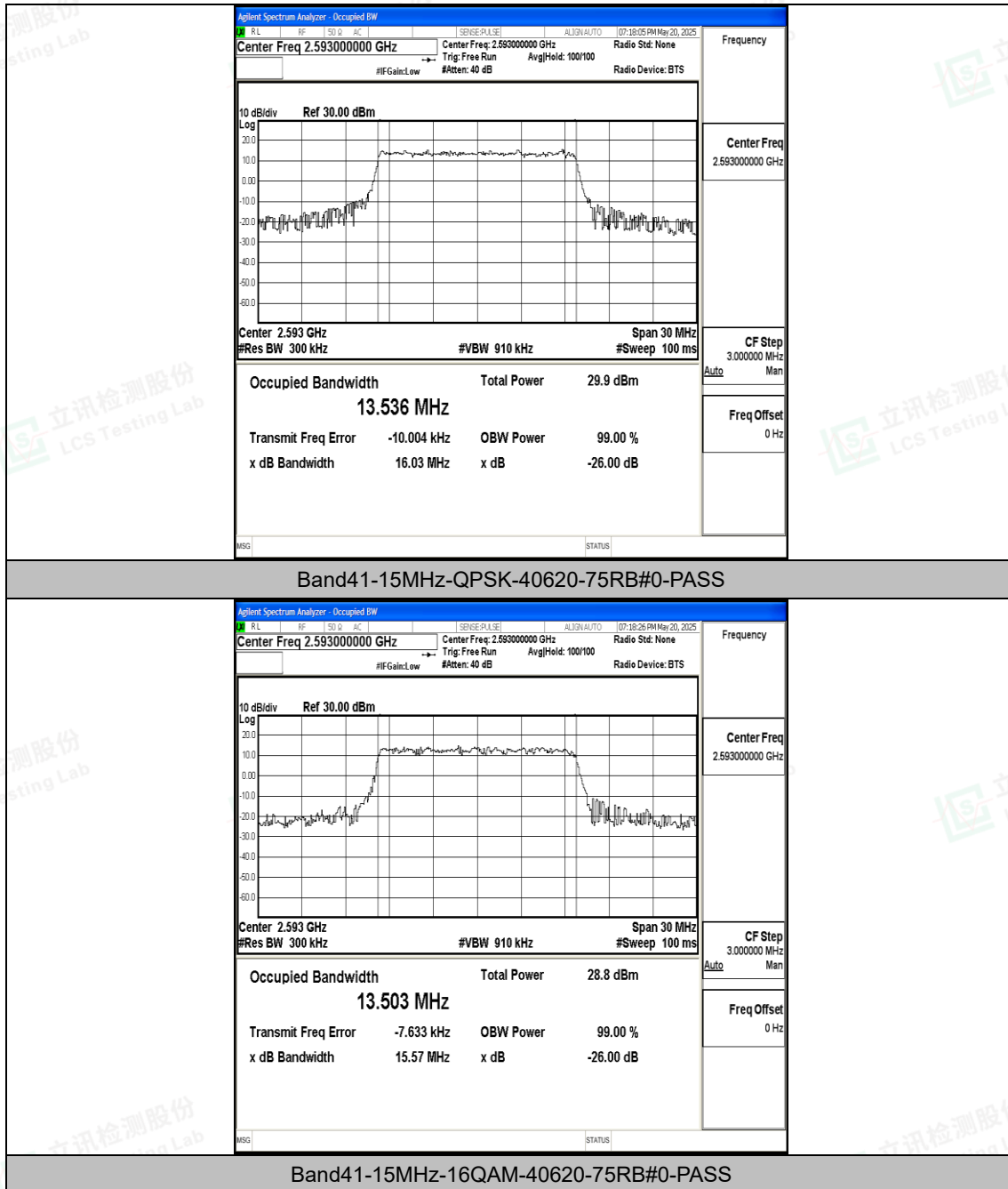


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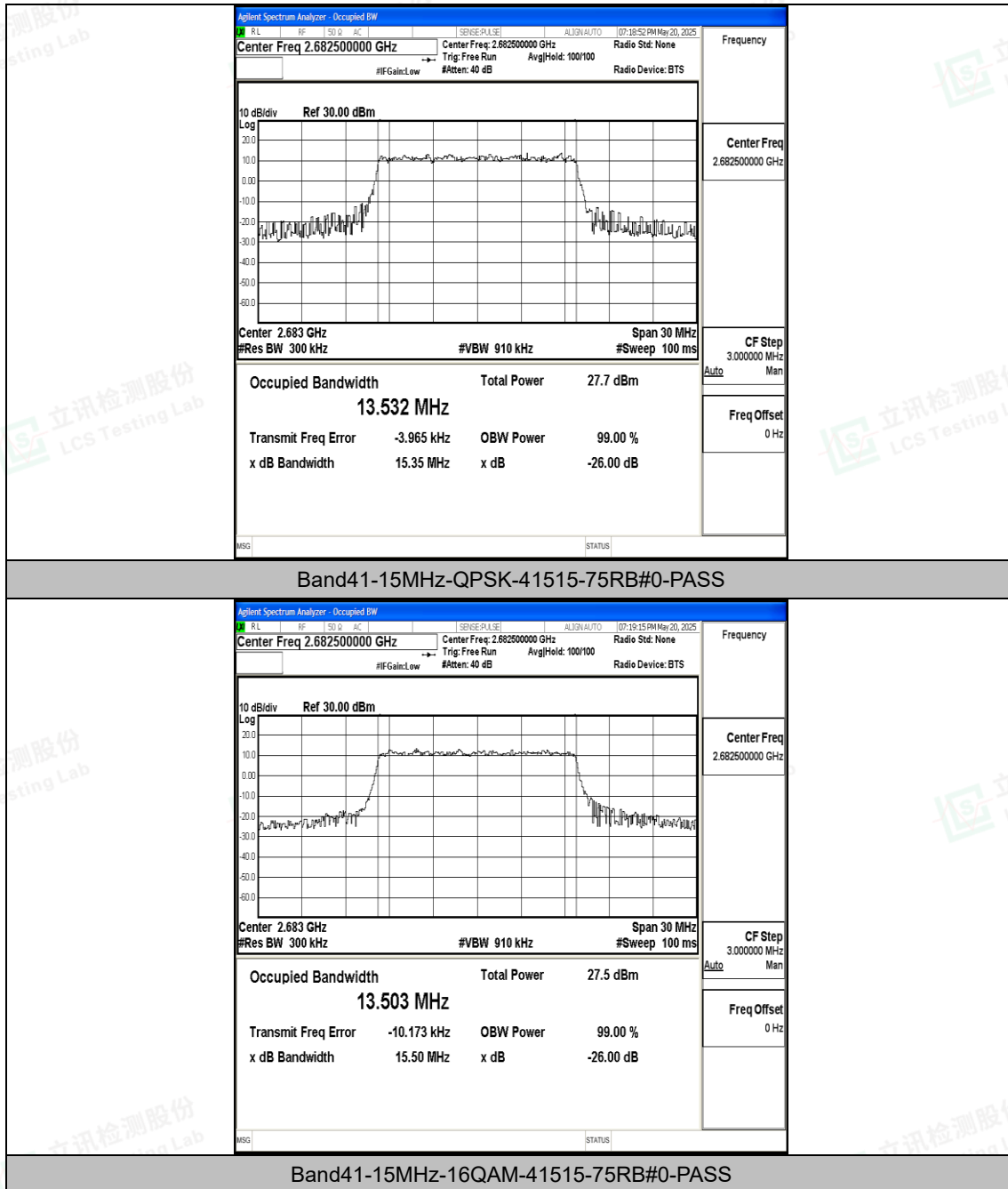


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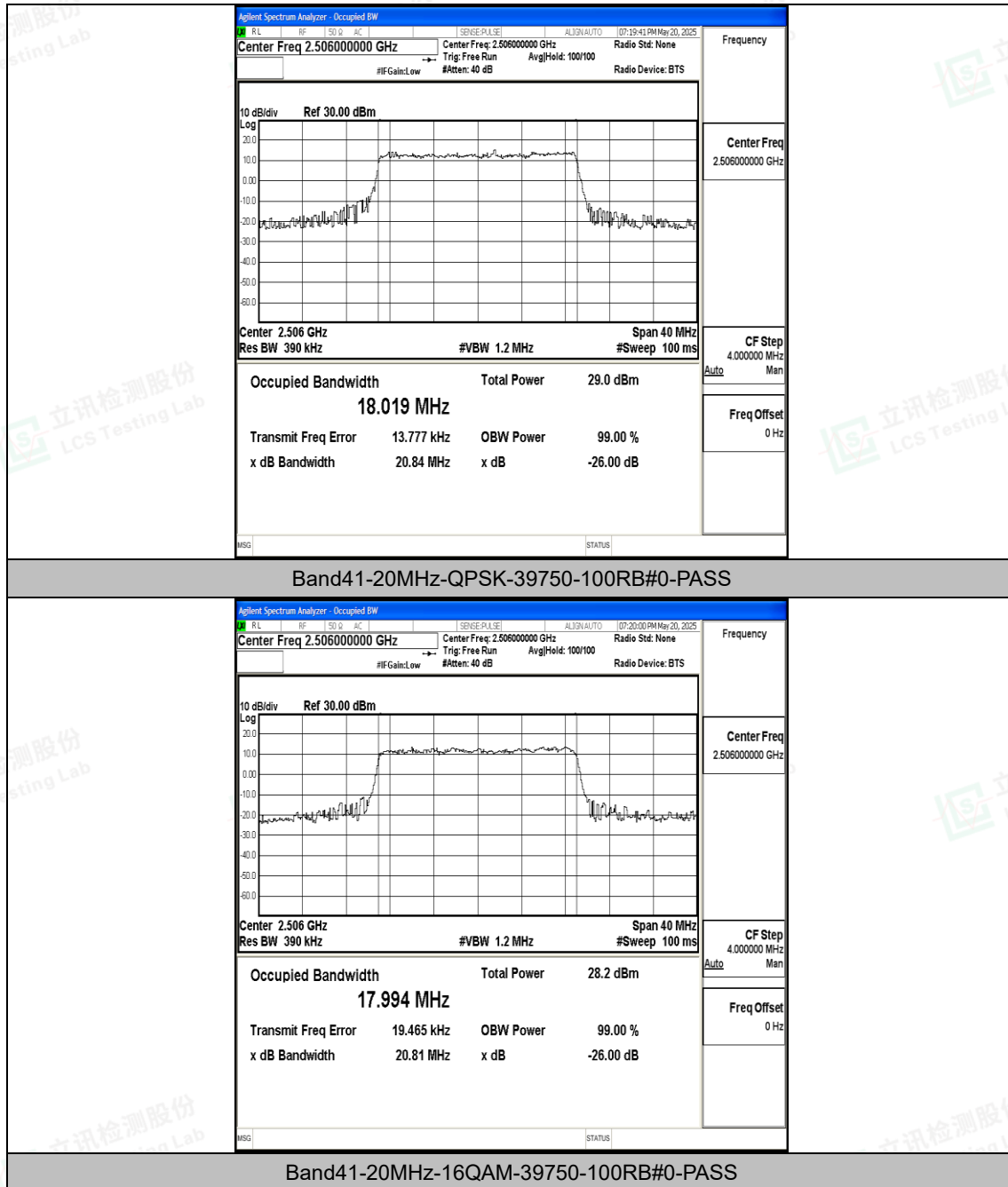


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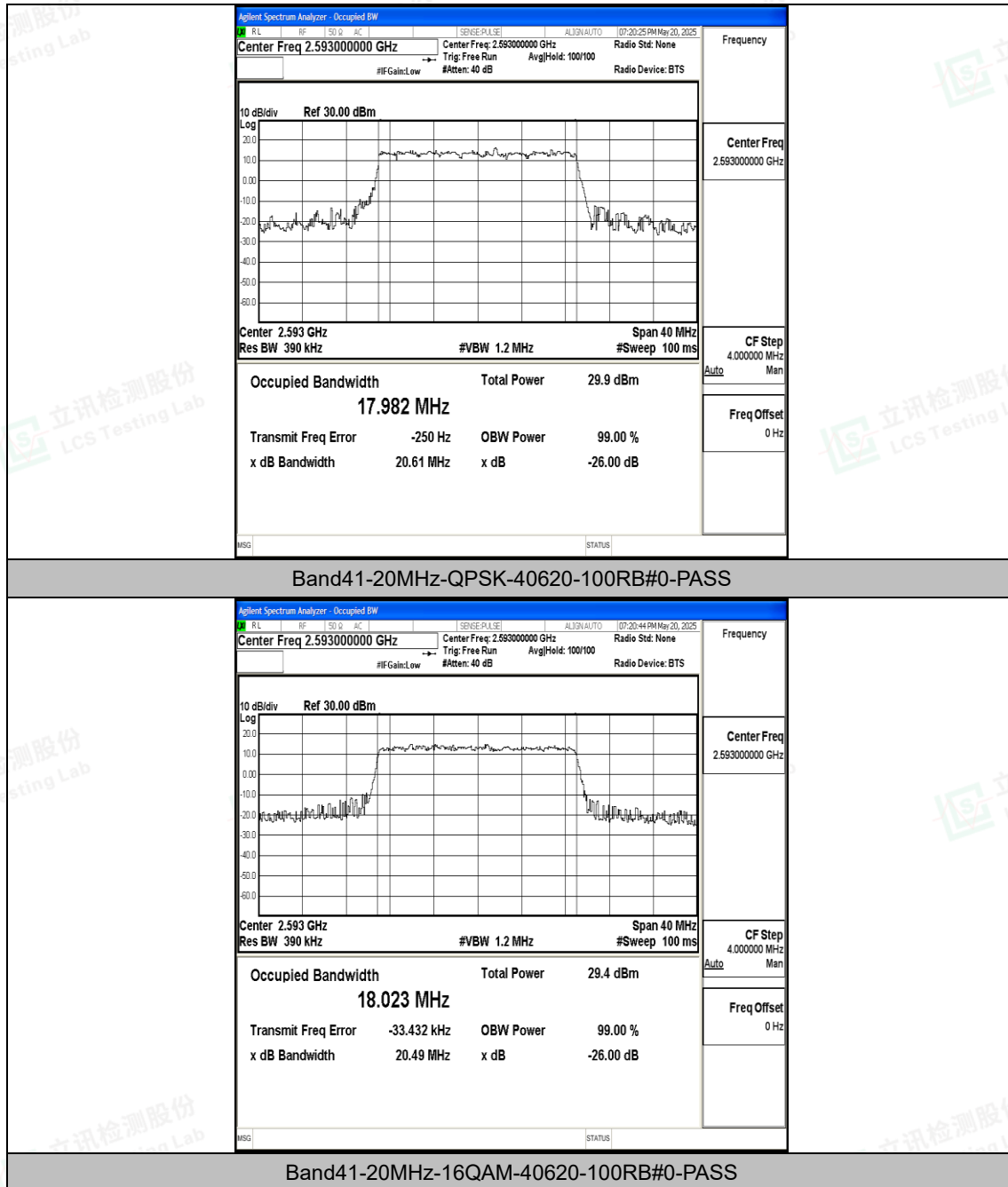


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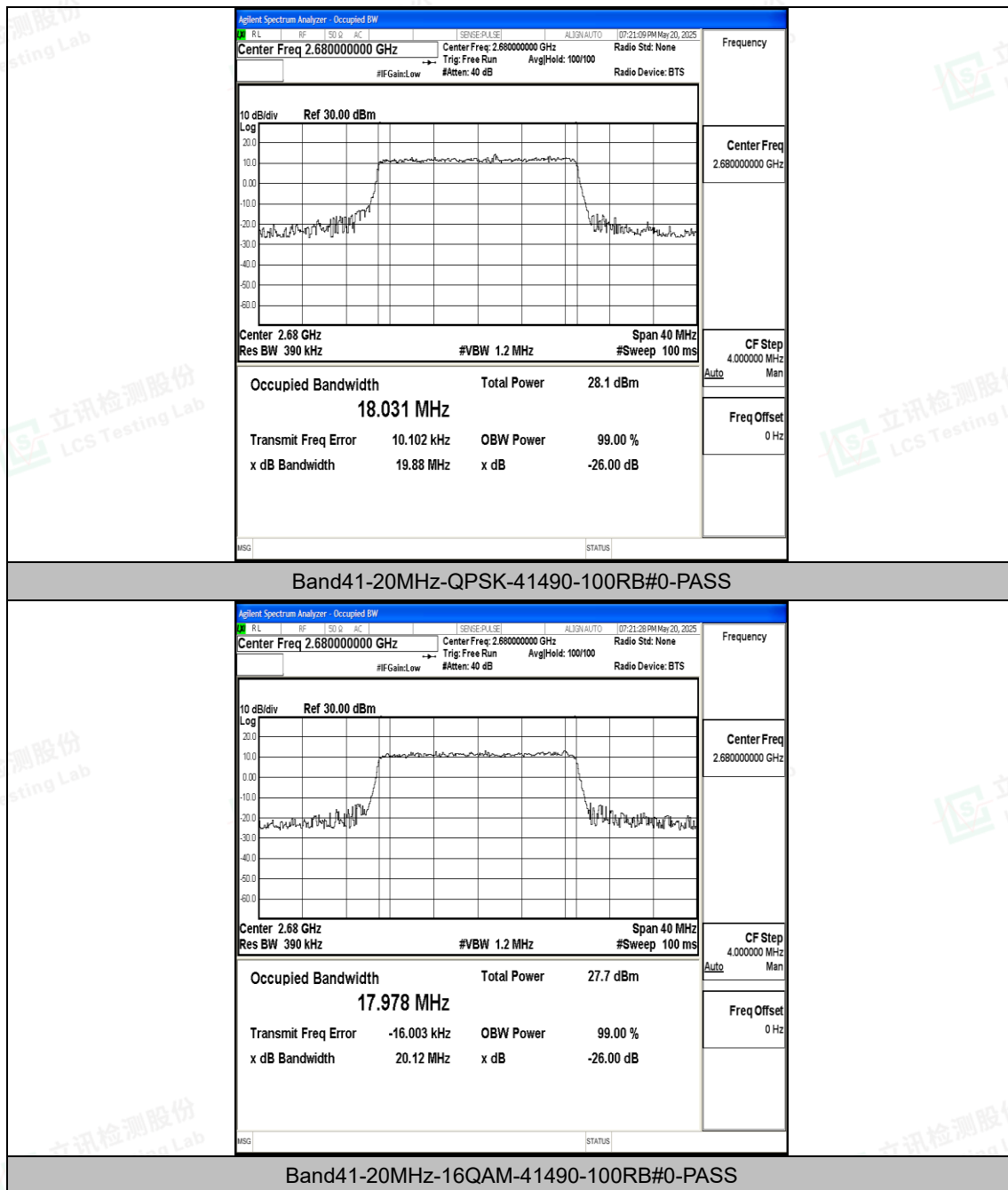


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