



Appendix I: Test Data for E-UTRA Band 38

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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I.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	21.38	PASS
Band38	5MHz	16QAM	37775	1RB#0	21.17	PASS
Band38	5MHz	QPSK	37775	1RB#12	21.30	PASS
Band38	5MHz	16QAM	37775	1RB#12	21.42	PASS
Band38	5MHz	QPSK	37775	1RB#24	21.43	PASS
Band38	5MHz	16QAM	37775	1RB#24	21.15	PASS
Band38	5MHz	QPSK	37775	12RB#0	20.33	PASS
Band38	5MHz	16QAM	37775	12RB#0	19.70	PASS
Band38	5MHz	QPSK	37775	12RB#6	20.29	PASS
Band38	5MHz	16QAM	37775	12RB#6	19.70	PASS
Band38	5MHz	QPSK	37775	12RB#13	20.42	PASS
Band38	5MHz	16QAM	37775	12RB#13	19.70	PASS
Band38	5MHz	QPSK	37775	25RB#0	20.47	PASS
Band38	5MHz	16QAM	37775	25RB#0	19.85	PASS
Band38	5MHz	QPSK	38000	1RB#0	20.73	PASS
Band38	5MHz	16QAM	38000	1RB#0	20.73	PASS
Band38	5MHz	QPSK	38000	1RB#12	20.78	PASS
Band38	5MHz	16QAM	38000	1RB#12	20.66	PASS
Band38	5MHz	QPSK	38000	1RB#24	20.78	PASS
Band38	5MHz	16QAM	38000	1RB#24	20.59	PASS
Band38	5MHz	QPSK	38000	12RB#0	19.91	PASS
Band38	5MHz	16QAM	38000	12RB#0	19.21	PASS
Band38	5MHz	QPSK	38000	12RB#6	20.10	PASS
Band38	5MHz	16QAM	38000	12RB#6	19.48	PASS
Band38	5MHz	QPSK	38000	12RB#13	20.03	PASS
Band38	5MHz	16QAM	38000	12RB#13	19.41	PASS
Band38	5MHz	QPSK	38000	25RB#0	20.07	PASS
Band38	5MHz	16QAM	38000	25RB#0	19.18	PASS
Band38	5MHz	QPSK	38225	1RB#0	21.67	PASS
Band38	5MHz	16QAM	38225	1RB#0	21.25	PASS
Band38	5MHz	QPSK	38225	1RB#12	21.58	PASS
Band38	5MHz	16QAM	38225	1RB#12	21.47	PASS
Band38	5MHz	QPSK	38225	1RB#24	21.71	PASS
Band38	5MHz	16QAM	38225	1RB#24	21.06	PASS
Band38	5MHz	QPSK	38225	12RB#0	20.68	PASS



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Band38	5MHz	16QAM	38225	12RB#0	19.85	PASS
Band38	5MHz	QPSK	38225	12RB#6	20.68	PASS
Band38	5MHz	16QAM	38225	12RB#6	19.85	PASS
Band38	5MHz	QPSK	38225	12RB#13	20.60	PASS
Band38	5MHz	16QAM	38225	12RB#13	19.79	PASS
Band38	5MHz	QPSK	38225	25RB#0	20.58	PASS
Band38	5MHz	16QAM	38225	25RB#0	20.03	PASS
Band38	10MHz	QPSK	37800	1RB#0	22.61	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.38	PASS
Band38	10MHz	QPSK	37800	1RB#24	22.54	PASS
Band38	10MHz	16QAM	37800	1RB#24	22.33	PASS
Band38	10MHz	QPSK	37800	1RB#49	22.45	PASS
Band38	10MHz	16QAM	37800	1RB#49	22.16	PASS
Band38	10MHz	QPSK	37800	25RB#0	21.36	PASS
Band38	10MHz	16QAM	37800	25RB#0	20.62	PASS
Band38	10MHz	QPSK	37800	25RB#12	21.34	PASS
Band38	10MHz	16QAM	37800	25RB#12	20.63	PASS
Band38	10MHz	QPSK	37800	25RB#25	21.16	PASS
Band38	10MHz	16QAM	37800	25RB#25	20.54	PASS
Band38	10MHz	QPSK	37800	50RB#0	21.27	PASS
Band38	10MHz	16QAM	37800	50RB#0	20.63	PASS
Band38	10MHz	QPSK	38000	1RB#0	21.85	PASS
Band38	10MHz	16QAM	38000	1RB#0	21.70	PASS
Band38	10MHz	QPSK	38000	1RB#24	21.92	PASS
Band38	10MHz	16QAM	38000	1RB#24	21.61	PASS
Band38	10MHz	QPSK	38000	1RB#49	21.89	PASS
Band38	10MHz	16QAM	38000	1RB#49	21.55	PASS
Band38	10MHz	QPSK	38000	25RB#0	21.07	PASS
Band38	10MHz	16QAM	38000	25RB#0	20.66	PASS
Band38	10MHz	QPSK	38000	25RB#12	21.07	PASS
Band38	10MHz	16QAM	38000	25RB#12	20.66	PASS
Band38	10MHz	QPSK	38000	25RB#25	21.02	PASS
Band38	10MHz	16QAM	38000	25RB#25	20.67	PASS
Band38	10MHz	QPSK	38000	50RB#0	21.09	PASS
Band38	10MHz	16QAM	38000	50RB#0	20.44	PASS
Band38	10MHz	QPSK	38200	1RB#0	21.97	PASS
Band38	10MHz	16QAM	38200	1RB#0	21.82	PASS
Band38	10MHz	QPSK	38200	1RB#24	21.95	PASS
Band38	10MHz	16QAM	38200	1RB#24	21.77	PASS
Band38	10MHz	QPSK	38200	1RB#49	21.91	PASS



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Band38	10MHz	16QAM	38200	1RB#49	21.69	PASS
Band38	10MHz	QPSK	38200	25RB#0	20.91	PASS
Band38	10MHz	16QAM	38200	25RB#0	20.14	PASS
Band38	10MHz	QPSK	38200	25RB#12	20.92	PASS
Band38	10MHz	16QAM	38200	25RB#12	20.14	PASS
Band38	10MHz	QPSK	38200	25RB#25	20.82	PASS
Band38	10MHz	16QAM	38200	25RB#25	20.10	PASS
Band38	10MHz	QPSK	38200	50RB#0	20.74	PASS
Band38	10MHz	16QAM	38200	50RB#0	20.16	PASS
Band38	15MHz	QPSK	37825	1RB#0	22.69	PASS
Band38	15MHz	16QAM	37825	1RB#0	22.44	PASS
Band38	15MHz	QPSK	37825	1RB#38	22.45	PASS
Band38	15MHz	16QAM	37825	1RB#38	22.24	PASS
Band38	15MHz	QPSK	37825	1RB#74	22.37	PASS
Band38	15MHz	16QAM	37825	1RB#74	22.28	PASS
Band38	15MHz	QPSK	37825	38RB#0	21.25	PASS
Band38	15MHz	16QAM	37825	38RB#0	21.01	PASS
Band38	15MHz	QPSK	37825	38RB#18	21.00	PASS
Band38	15MHz	16QAM	37825	38RB#18	21.00	PASS
Band38	15MHz	QPSK	37825	38RB#37	21.00	PASS
Band38	15MHz	16QAM	37825	38RB#37	21.01	PASS
Band38	15MHz	QPSK	37825	75RB#0	21.04	PASS
Band38	15MHz	16QAM	37825	75RB#0	20.59	PASS
Band38	15MHz	QPSK	38000	1RB#0	22.84	PASS
Band38	15MHz	16QAM	38000	1RB#0	21.14	PASS
Band38	15MHz	QPSK	38000	1RB#38	22.68	PASS
Band38	15MHz	16QAM	38000	1RB#38	20.71	PASS
Band38	15MHz	QPSK	38000	1RB#74	22.50	PASS
Band38	15MHz	16QAM	38000	1RB#74	20.84	PASS
Band38	15MHz	QPSK	38000	38RB#0	21.09	PASS
Band38	15MHz	16QAM	38000	38RB#0	20.98	PASS
Band38	15MHz	QPSK	38000	38RB#18	20.99	PASS
Band38	15MHz	16QAM	38000	38RB#18	20.98	PASS
Band38	15MHz	QPSK	38000	38RB#37	20.98	PASS
Band38	15MHz	16QAM	38000	38RB#37	20.99	PASS
Band38	15MHz	QPSK	38000	75RB#0	20.98	PASS
Band38	15MHz	16QAM	38000	75RB#0	20.30	PASS
Band38	15MHz	QPSK	38175	1RB#0	22.12	PASS
Band38	15MHz	16QAM	38175	1RB#0	21.95	PASS
Band38	15MHz	QPSK	38175	1RB#38	22.05	PASS



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Band38	15MHz	16QAM	38175	1RB#38	21.81	PASS
Band38	15MHz	QPSK	38175	1RB#74	21.84	PASS
Band38	15MHz	16QAM	38175	1RB#74	21.79	PASS
Band38	15MHz	QPSK	38175	38RB#0	20.92	PASS
Band38	15MHz	16QAM	38175	38RB#0	20.92	PASS
Band38	15MHz	QPSK	38175	38RB#18	20.92	PASS
Band38	15MHz	16QAM	38175	38RB#18	20.68	PASS
Band38	15MHz	QPSK	38175	38RB#37	20.68	PASS
Band38	15MHz	16QAM	38175	38RB#37	20.68	PASS
Band38	15MHz	QPSK	38175	75RB#0	20.69	PASS
Band38	15MHz	16QAM	38175	75RB#0	20.07	PASS
Band38	20MHz	QPSK	37850	1RB#0	22.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	21.55	PASS
Band38	20MHz	QPSK	37850	1RB#49	21.93	PASS
Band38	20MHz	16QAM	37850	1RB#49	21.42	PASS
Band38	20MHz	QPSK	37850	1RB#99	21.89	PASS
Band38	20MHz	16QAM	37850	1RB#99	21.52	PASS
Band38	20MHz	QPSK	37850	50RB#0	21.29	PASS
Band38	20MHz	16QAM	37850	50RB#0	20.79	PASS
Band38	20MHz	QPSK	37850	50RB#25	21.29	PASS
Band38	20MHz	16QAM	37850	50RB#25	20.80	PASS
Band38	20MHz	QPSK	37850	50RB#50	21.19	PASS
Band38	20MHz	16QAM	37850	50RB#50	20.62	PASS
Band38	20MHz	QPSK	37850	100RB#0	21.20	PASS
Band38	20MHz	16QAM	37850	100RB#0	20.54	PASS
Band38	20MHz	QPSK	38000	1RB#0	22.40	PASS
Band38	20MHz	16QAM	38000	1RB#0	21.42	PASS
Band38	20MHz	QPSK	38000	1RB#49	22.14	PASS
Band38	20MHz	16QAM	38000	1RB#49	21.36	PASS
Band38	20MHz	QPSK	38000	1RB#99	22.11	PASS
Band38	20MHz	16QAM	38000	1RB#99	21.26	PASS
Band38	20MHz	QPSK	38000	50RB#0	21.16	PASS
Band38	20MHz	16QAM	38000	50RB#0	20.53	PASS
Band38	20MHz	QPSK	38000	50RB#25	21.11	PASS
Band38	20MHz	16QAM	38000	50RB#25	20.53	PASS
Band38	20MHz	QPSK	38000	50RB#50	21.05	PASS
Band38	20MHz	16QAM	38000	50RB#50	20.44	PASS
Band38	20MHz	QPSK	38000	100RB#0	21.05	PASS
Band38	20MHz	16QAM	38000	100RB#0	20.45	PASS
Band38	20MHz	QPSK	38150	1RB#0	21.86	PASS



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Band38	20MHz	16QAM	38150	1RB#0	22.16	PASS
Band38	20MHz	QPSK	38150	1RB#49	21.69	PASS
Band38	20MHz	16QAM	38150	1RB#49	21.92	PASS
Band38	20MHz	QPSK	38150	1RB#99	21.51	PASS
Band38	20MHz	16QAM	38150	1RB#99	21.77	PASS
Band38	20MHz	QPSK	38150	50RB#0	20.88	PASS
Band38	20MHz	16QAM	38150	50RB#0	20.35	PASS
Band38	20MHz	QPSK	38150	50RB#25	20.89	PASS
Band38	20MHz	16QAM	38150	50RB#25	20.36	PASS
Band38	20MHz	QPSK	38150	50RB#50	20.76	PASS
Band38	20MHz	16QAM	38150	50RB#50	20.32	PASS
Band38	20MHz	QPSK	38150	100RB#0	20.95	PASS
Band38	20MHz	16QAM	38150	100RB#0	20.22	PASS





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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	8.37	13	PASS
Band38	5MHz	16QAM	37775	1RB#0	9.19	13	PASS
Band38	5MHz	QPSK	37775	25RB#0	9.21	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	9.72	13	PASS
Band38	5MHz	QPSK	38000	1RB#0	8.66	13	PASS
Band38	5MHz	16QAM	38000	1RB#0	9.05	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	9.20	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	9.84	13	PASS
Band38	5MHz	QPSK	38225	1RB#0	8.31	13	PASS
Band38	5MHz	16QAM	38225	1RB#0	8.70	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	9.02	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	9.65	13	PASS
Band38	10MHz	QPSK	37800	1RB#0	8.55	13	PASS
Band38	10MHz	16QAM	37800	1RB#0	8.86	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	9.22	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	9.52	13	PASS
Band38	10MHz	QPSK	38000	1RB#0	8.64	13	PASS
Band38	10MHz	16QAM	38000	1RB#0	8.93	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	9.23	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	9.81	13	PASS
Band38	10MHz	QPSK	38200	1RB#0	8.41	13	PASS
Band38	10MHz	16QAM	38200	1RB#0	8.55	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	9.11	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	9.73	13	PASS
Band38	15MHz	QPSK	37825	1RB#0	8.64	13	PASS
Band38	15MHz	16QAM	37825	1RB#0	9.13	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	9.38	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	9.85	13	PASS
Band38	15MHz	QPSK	38000	1RB#0	8.36	13	PASS
Band38	15MHz	16QAM	38000	1RB#0	8.86	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	9.21	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	9.91	13	PASS
Band38	15MHz	QPSK	38175	1RB#0	8.42	13	PASS
Band38	15MHz	16QAM	38175	1RB#0	9.43	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	9.43	13	PASS



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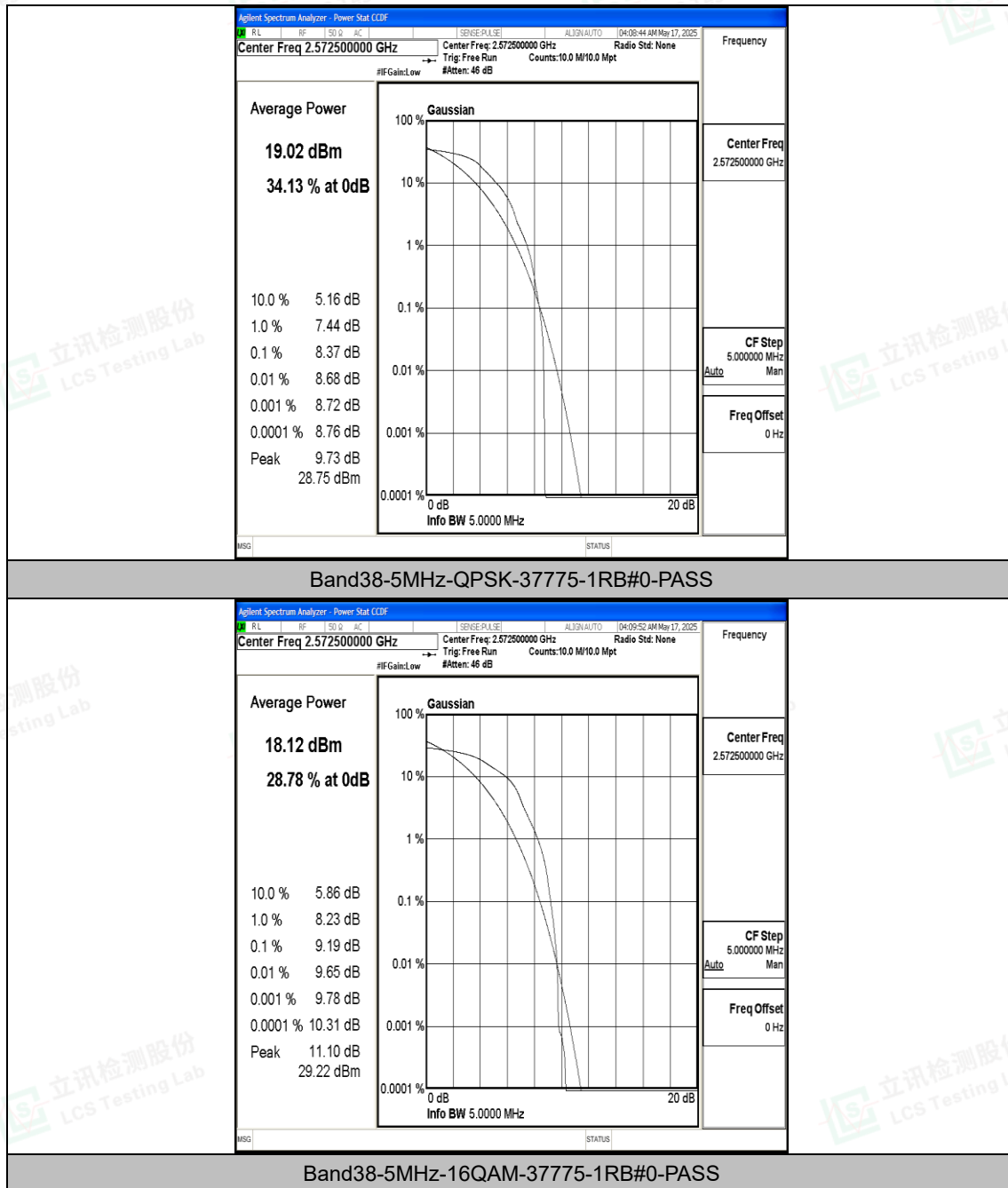


Band38	15MHz	16QAM	38175	75RB#0	9.92	13	PASS
Band38	20MHz	QPSK	37850	1RB#0	8.09	13	PASS
Band38	20MHz	16QAM	37850	1RB#0	8.76	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	8.90	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	10.01	13	PASS
Band38	20MHz	QPSK	38000	1RB#0	8.25	13	PASS
Band38	20MHz	16QAM	38000	1RB#0	8.89	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	9.09	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	9.49	13	PASS
Band38	20MHz	QPSK	38150	1RB#0	8.47	13	PASS
Band38	20MHz	16QAM	38150	1RB#0	9.01	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	9.25	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	9.73	13	PASS





Test Graphs

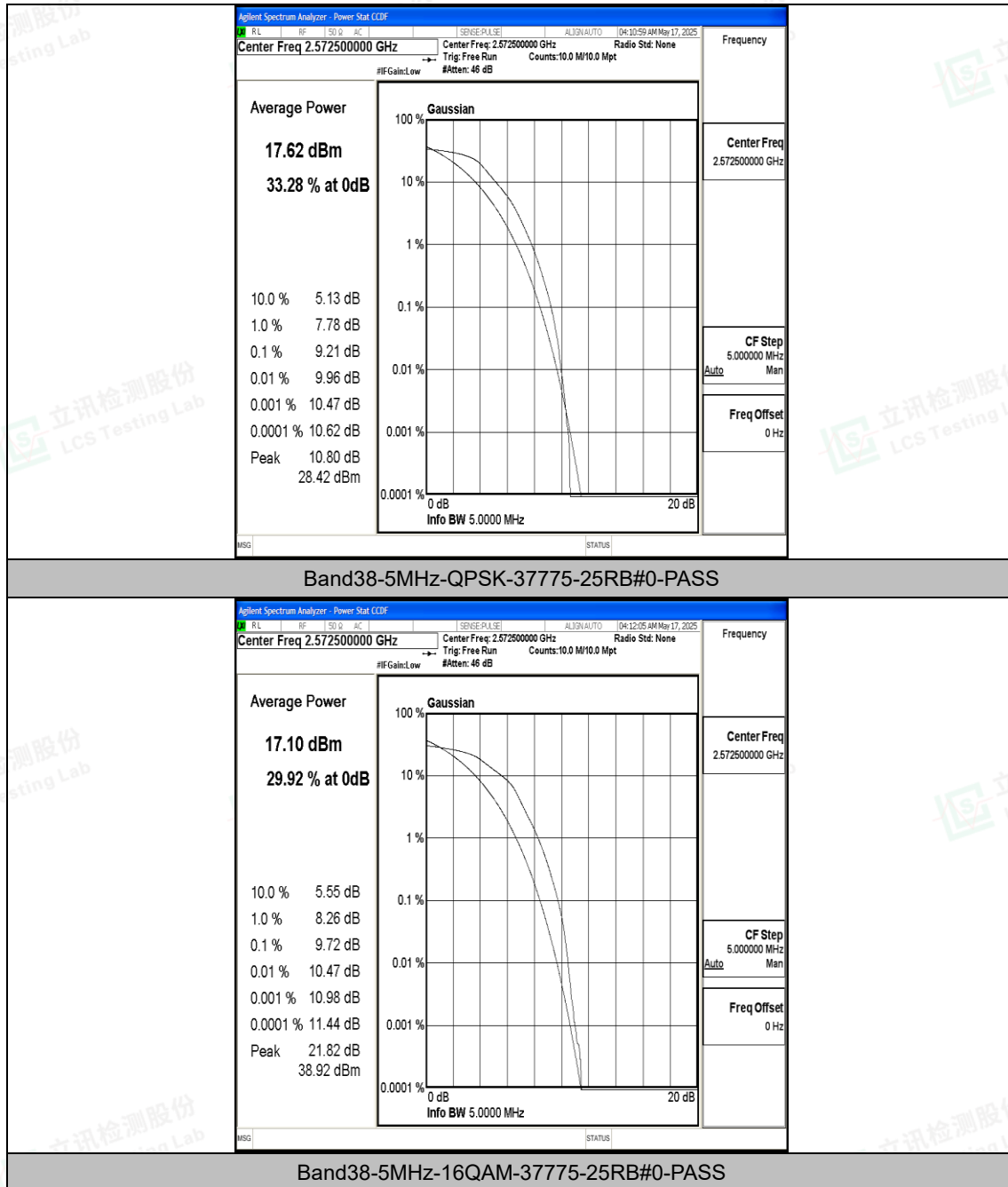


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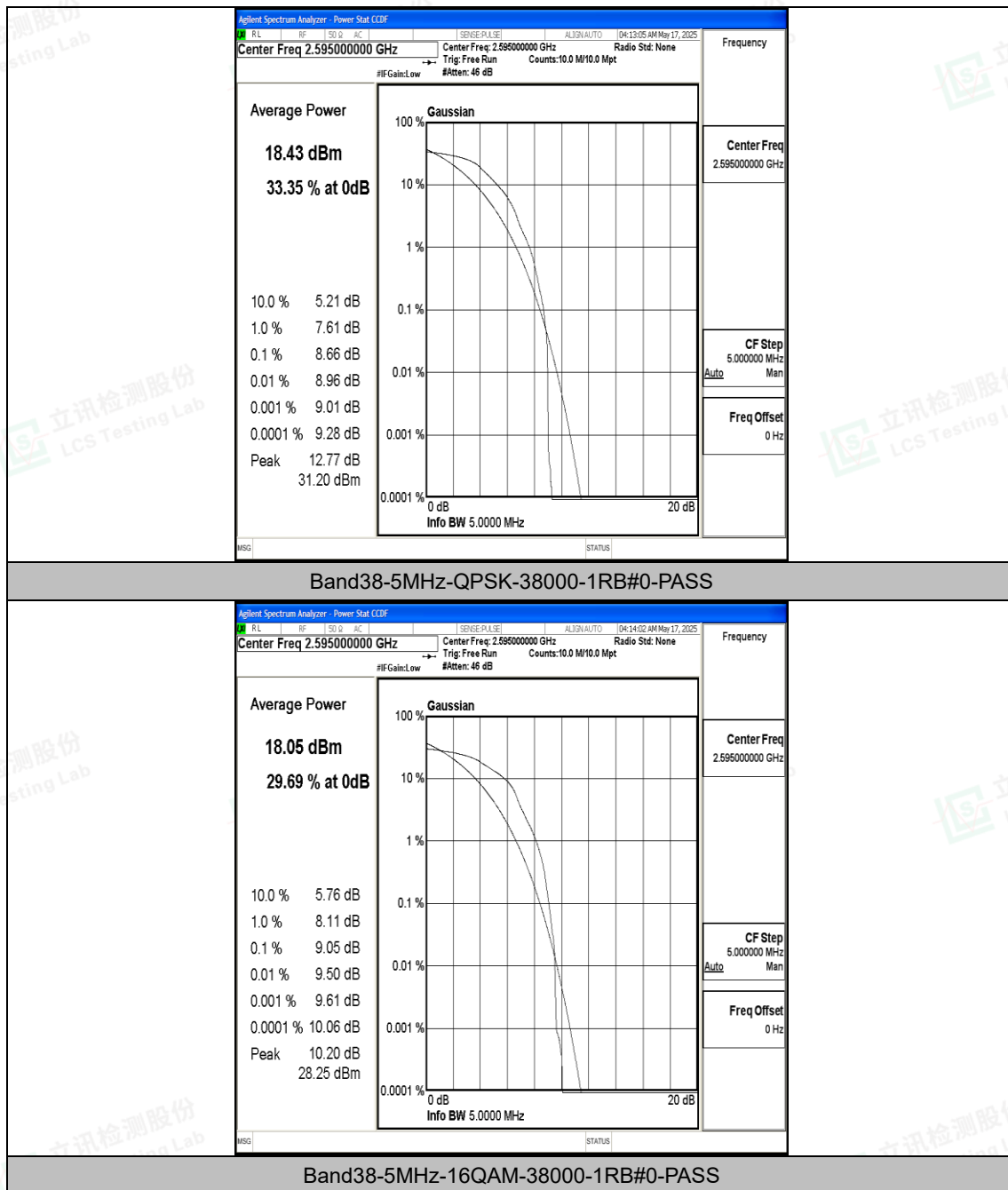


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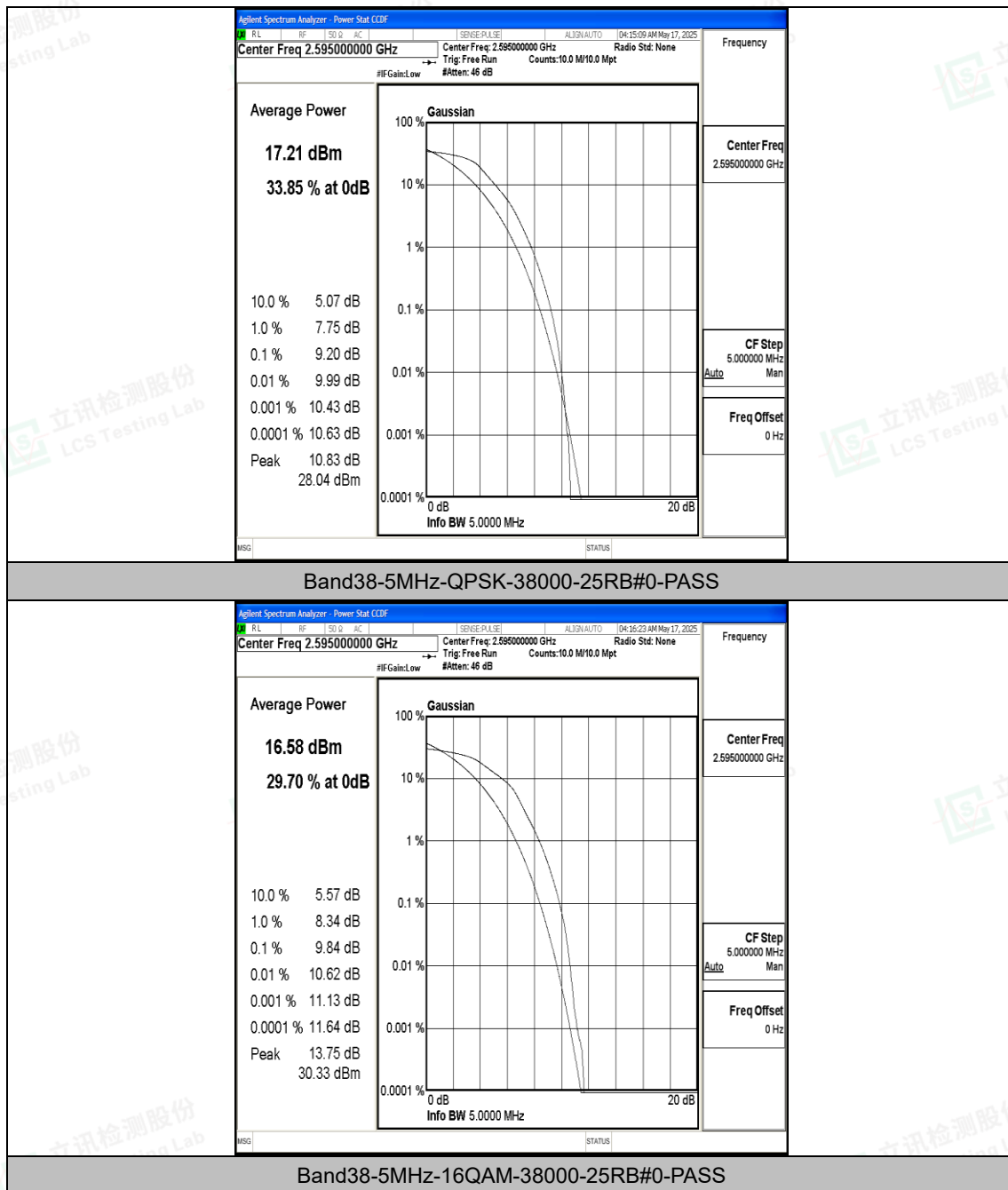


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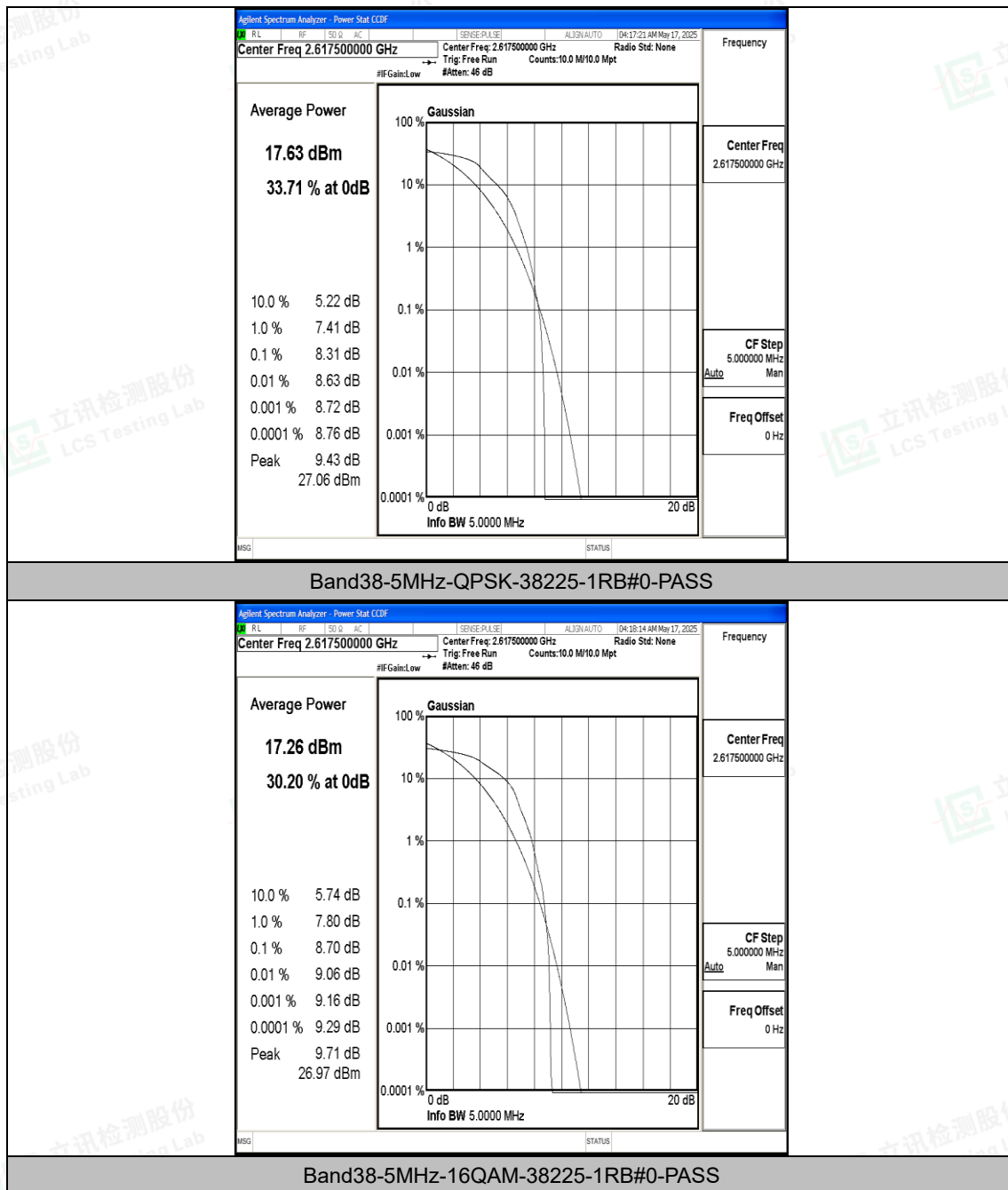


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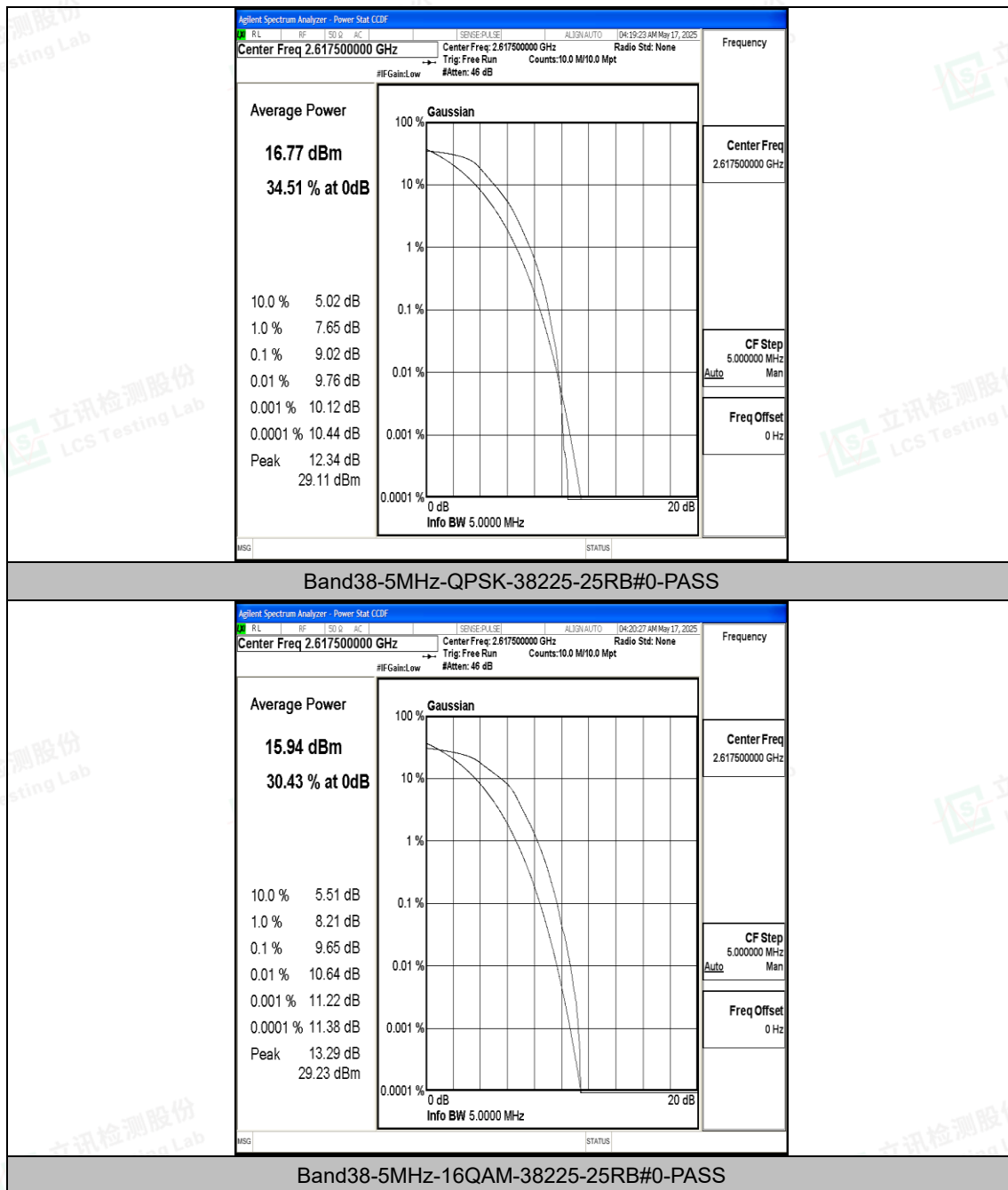


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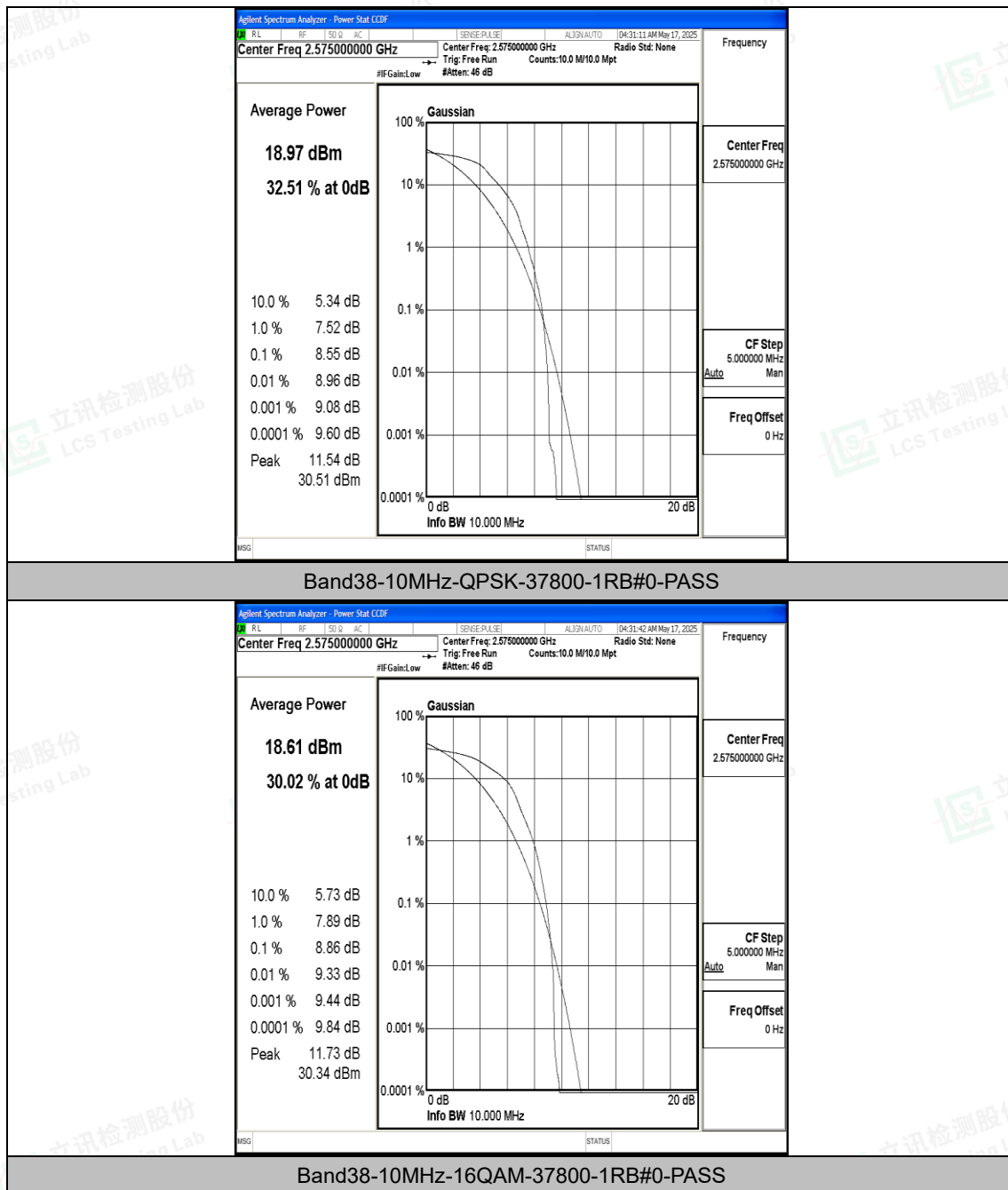


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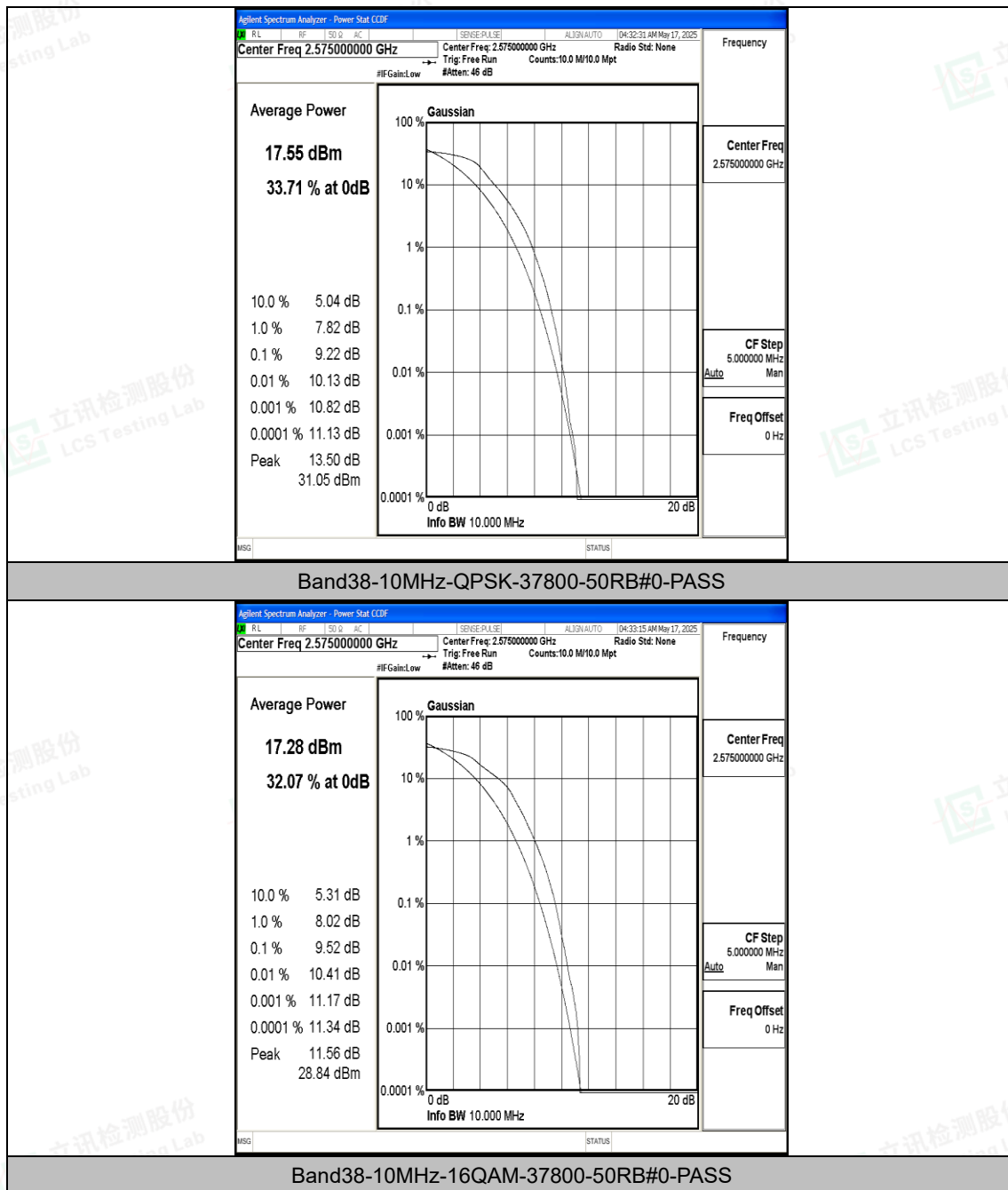


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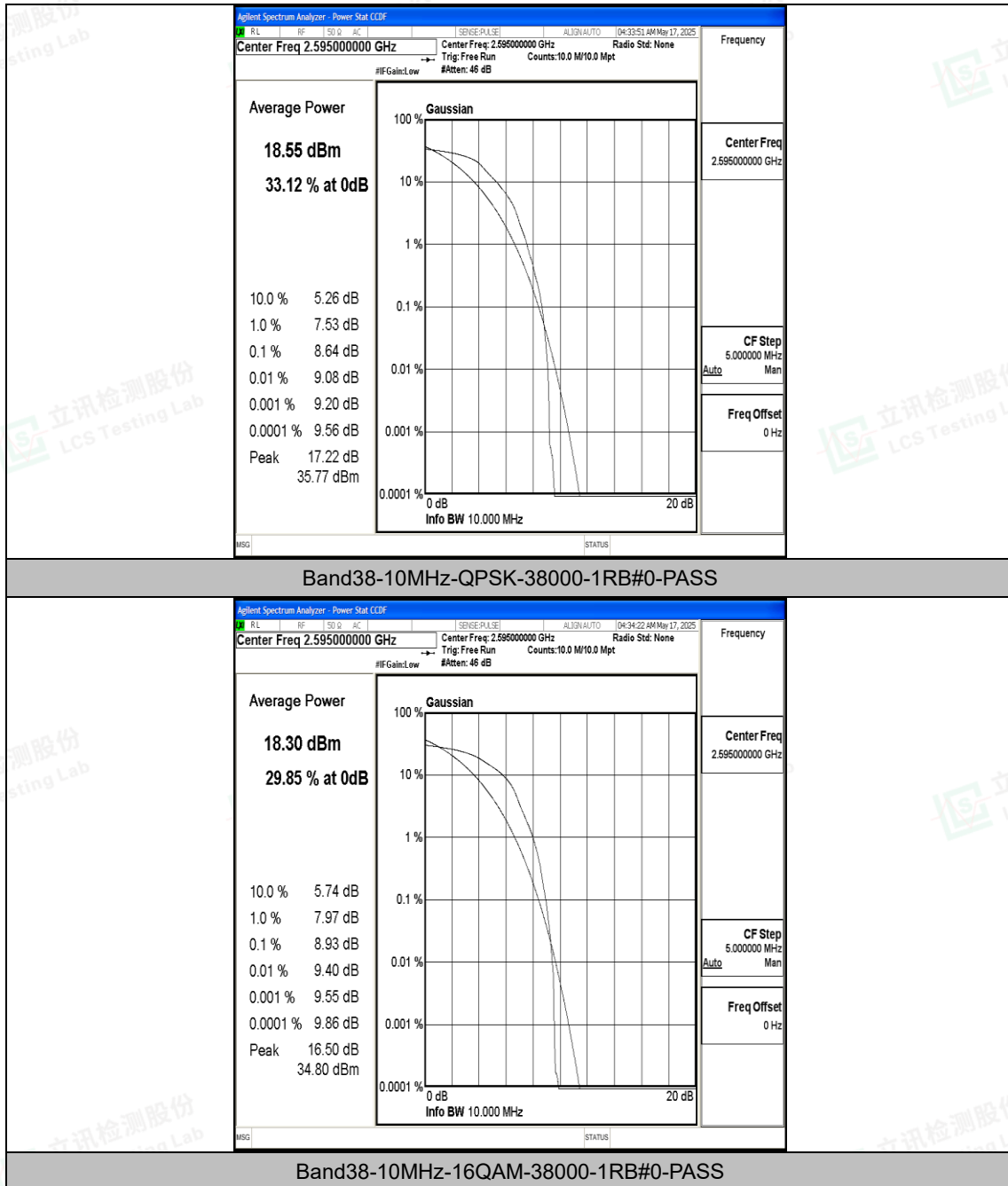


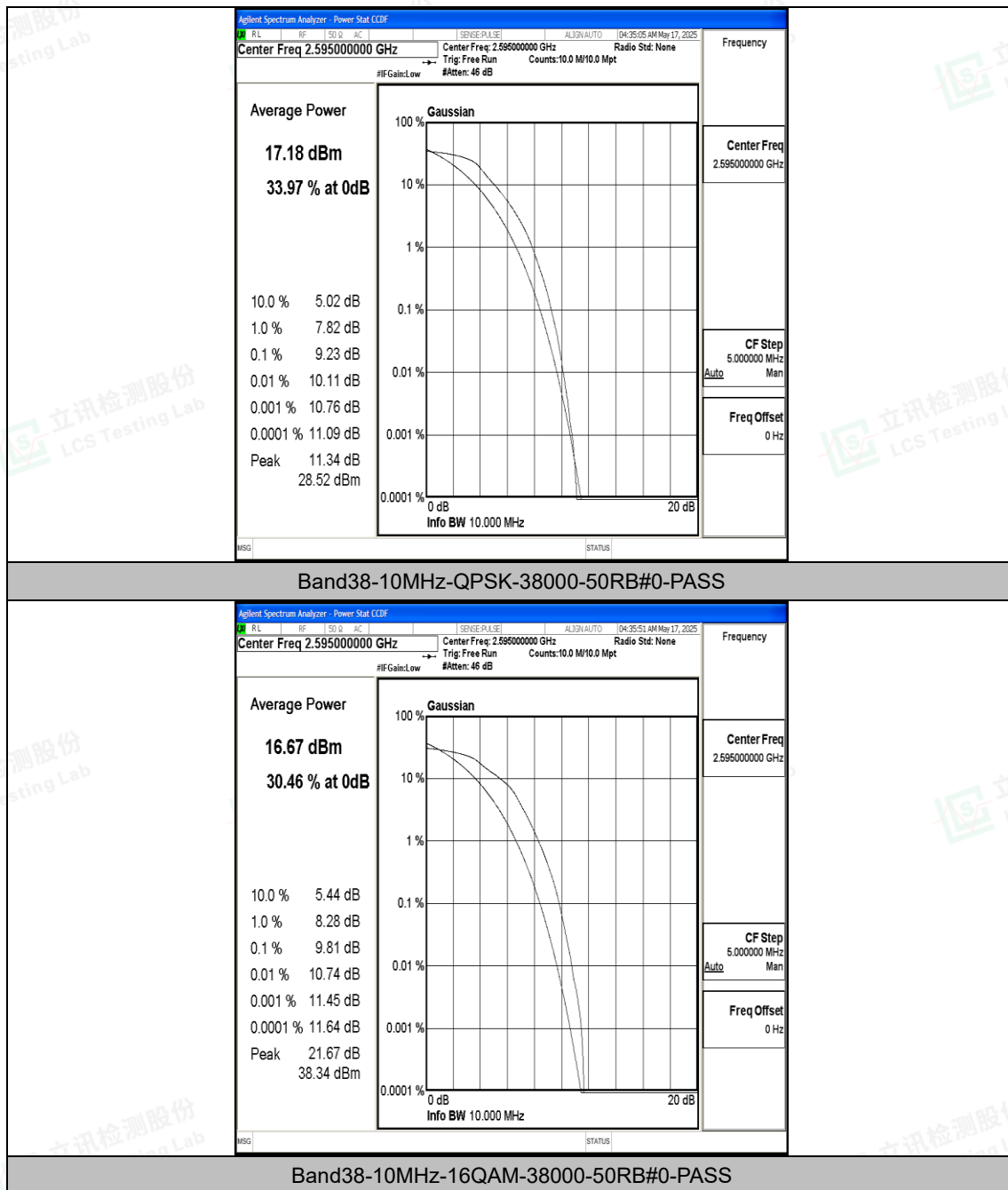
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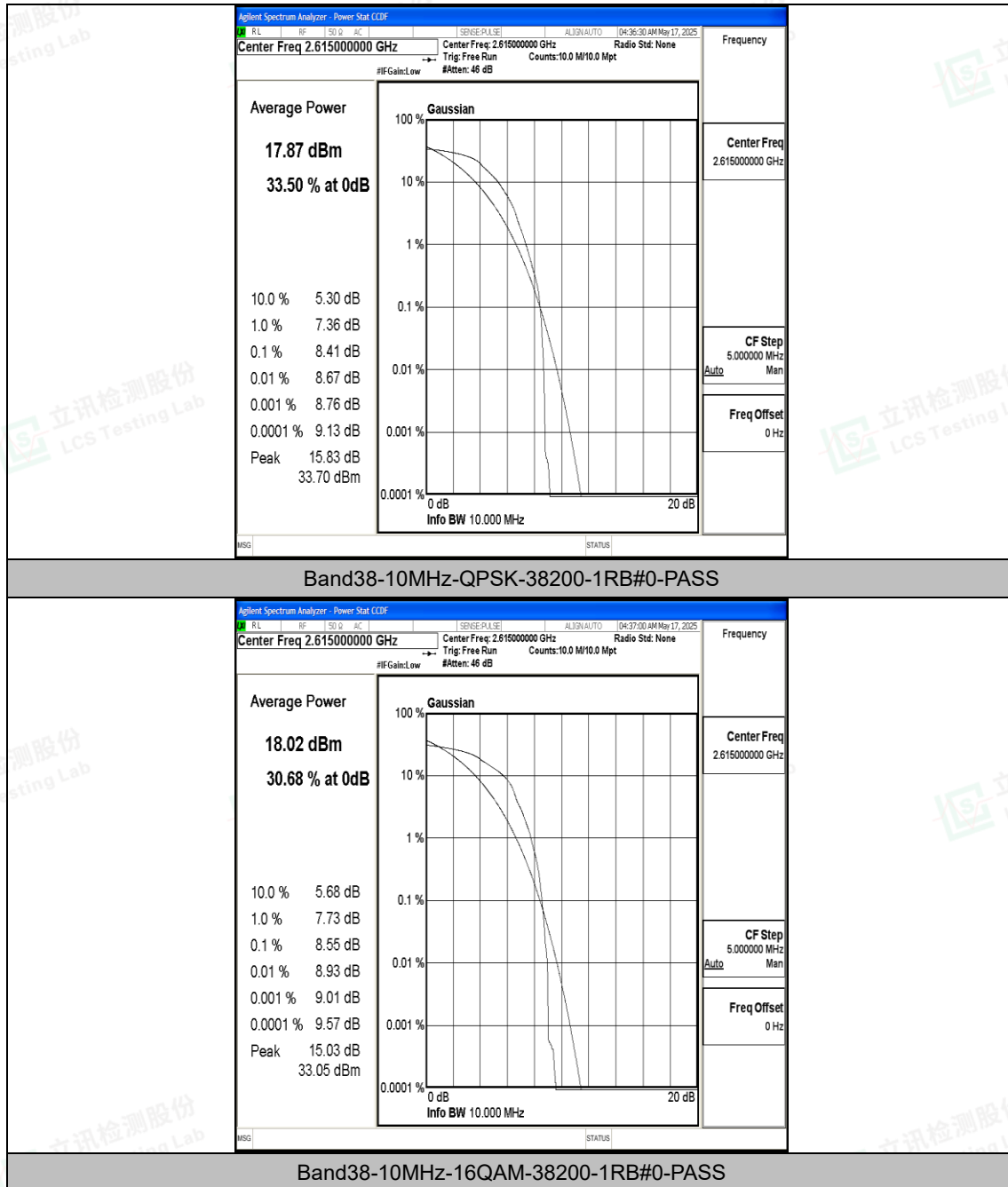


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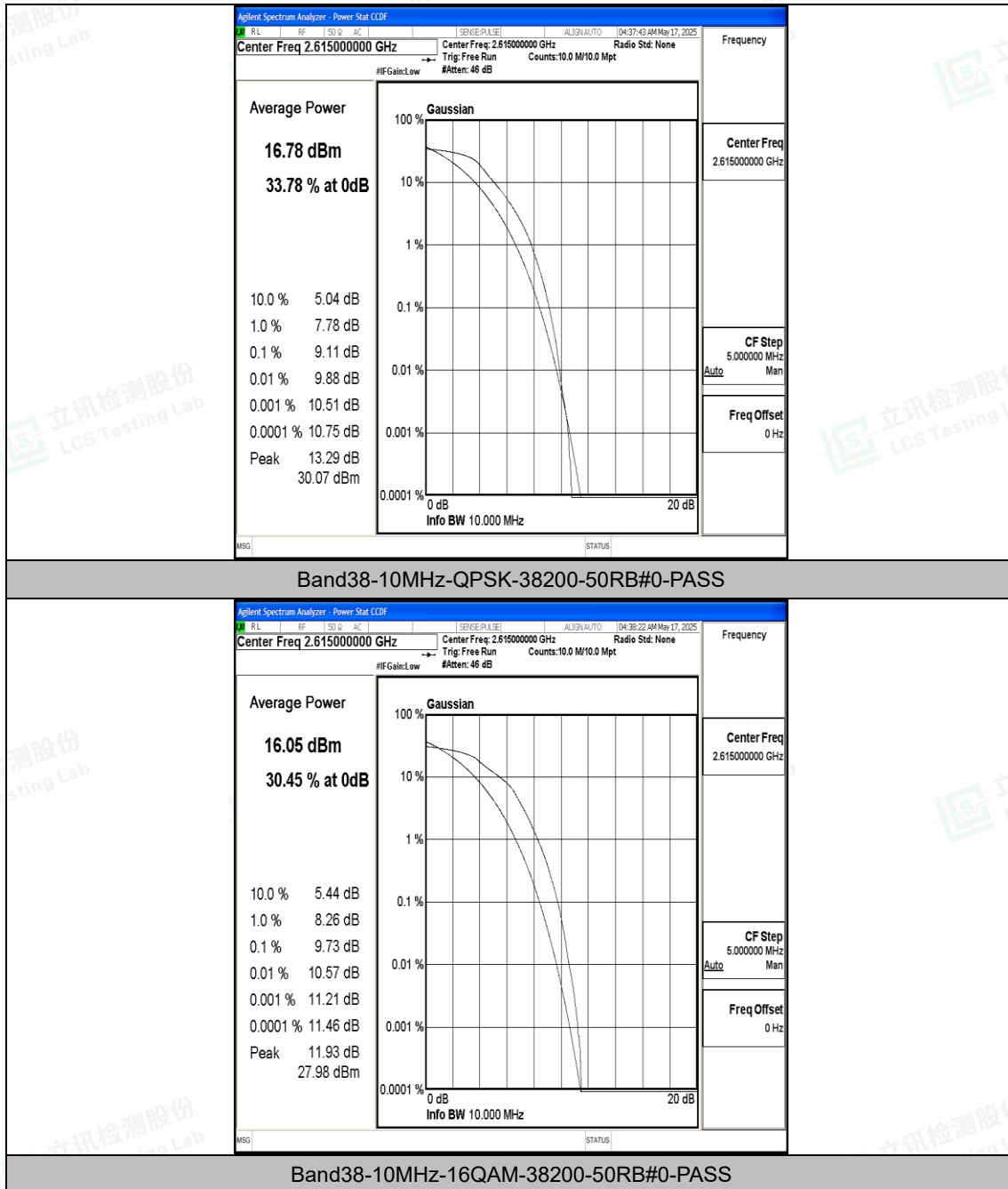


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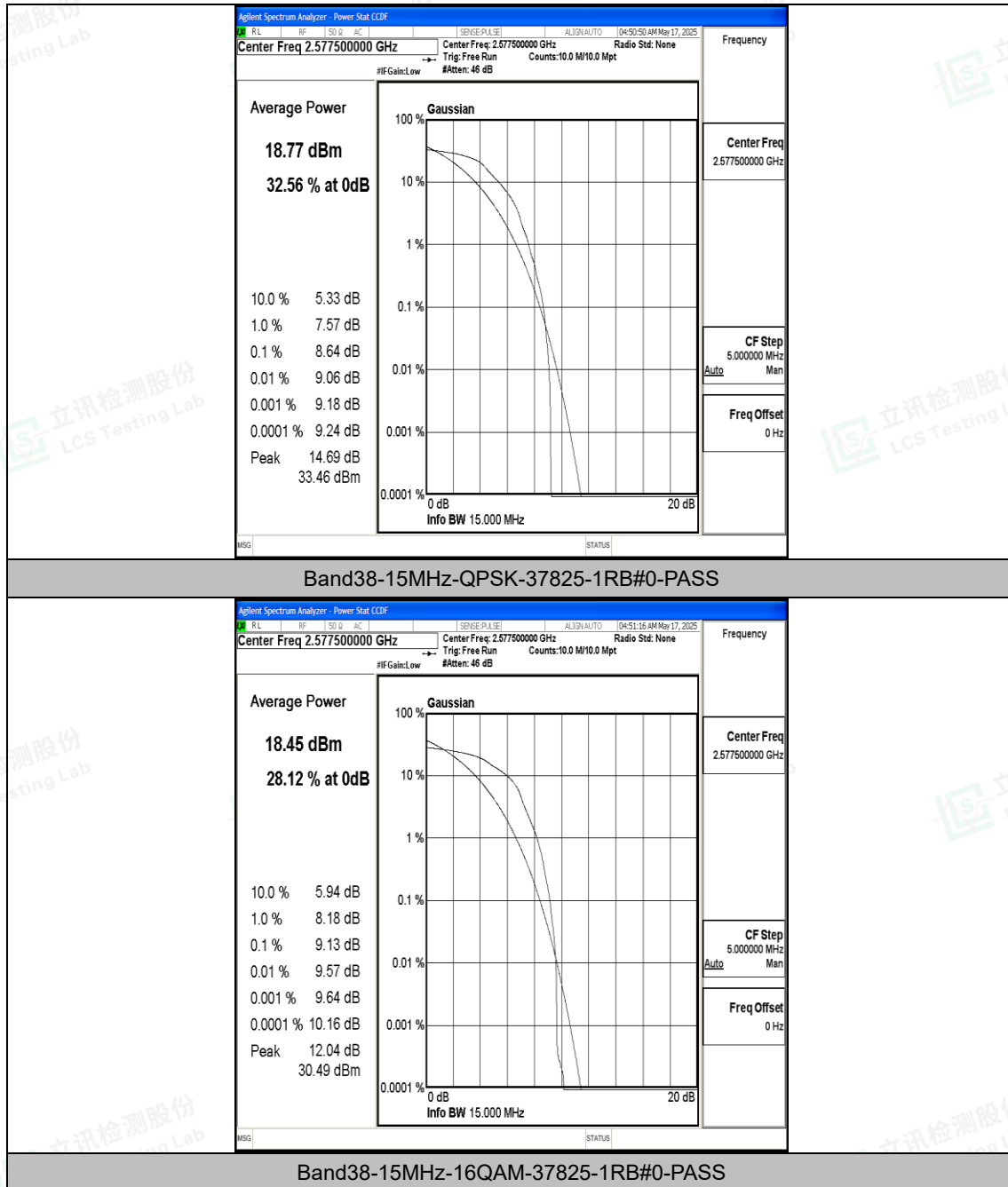


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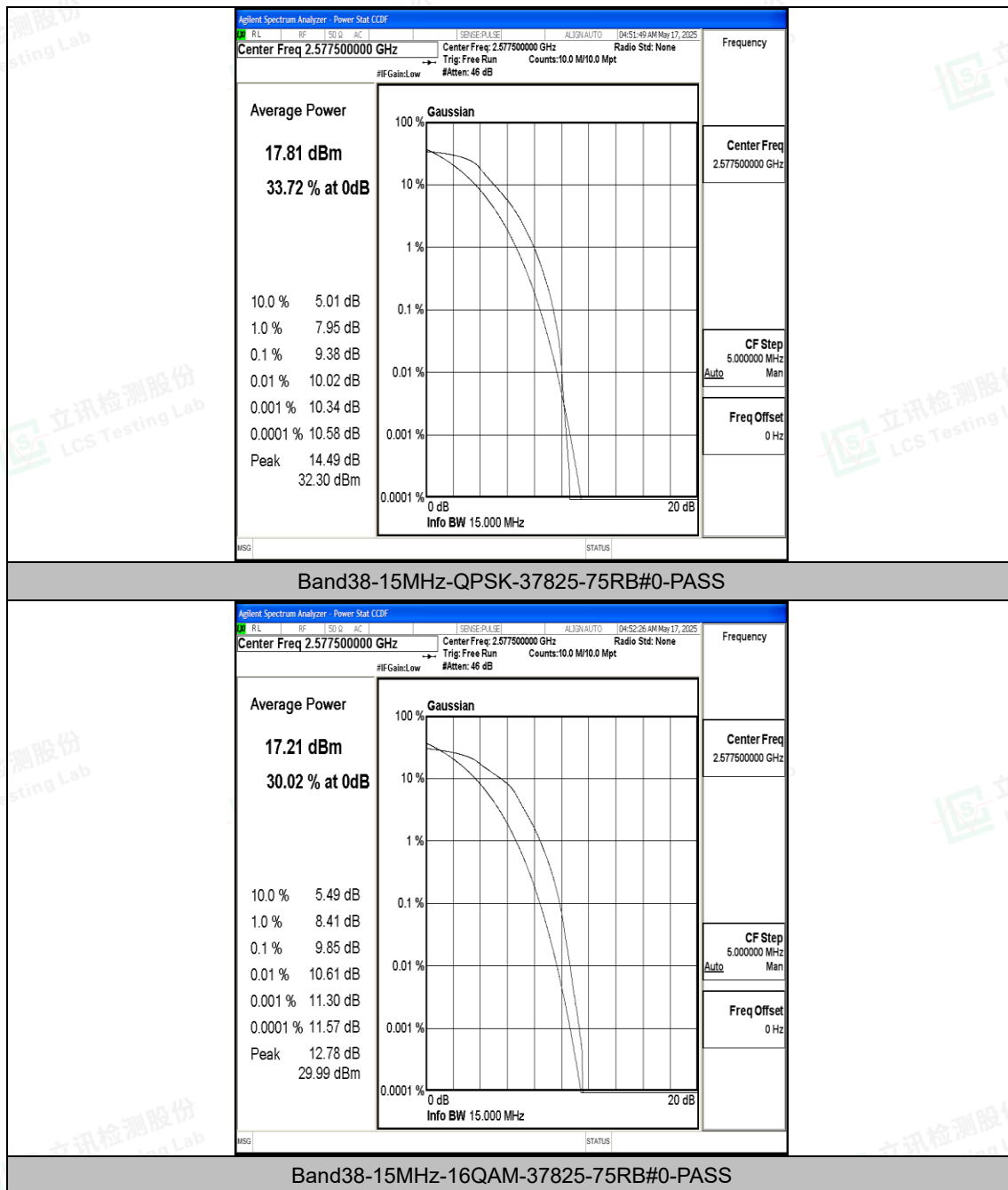


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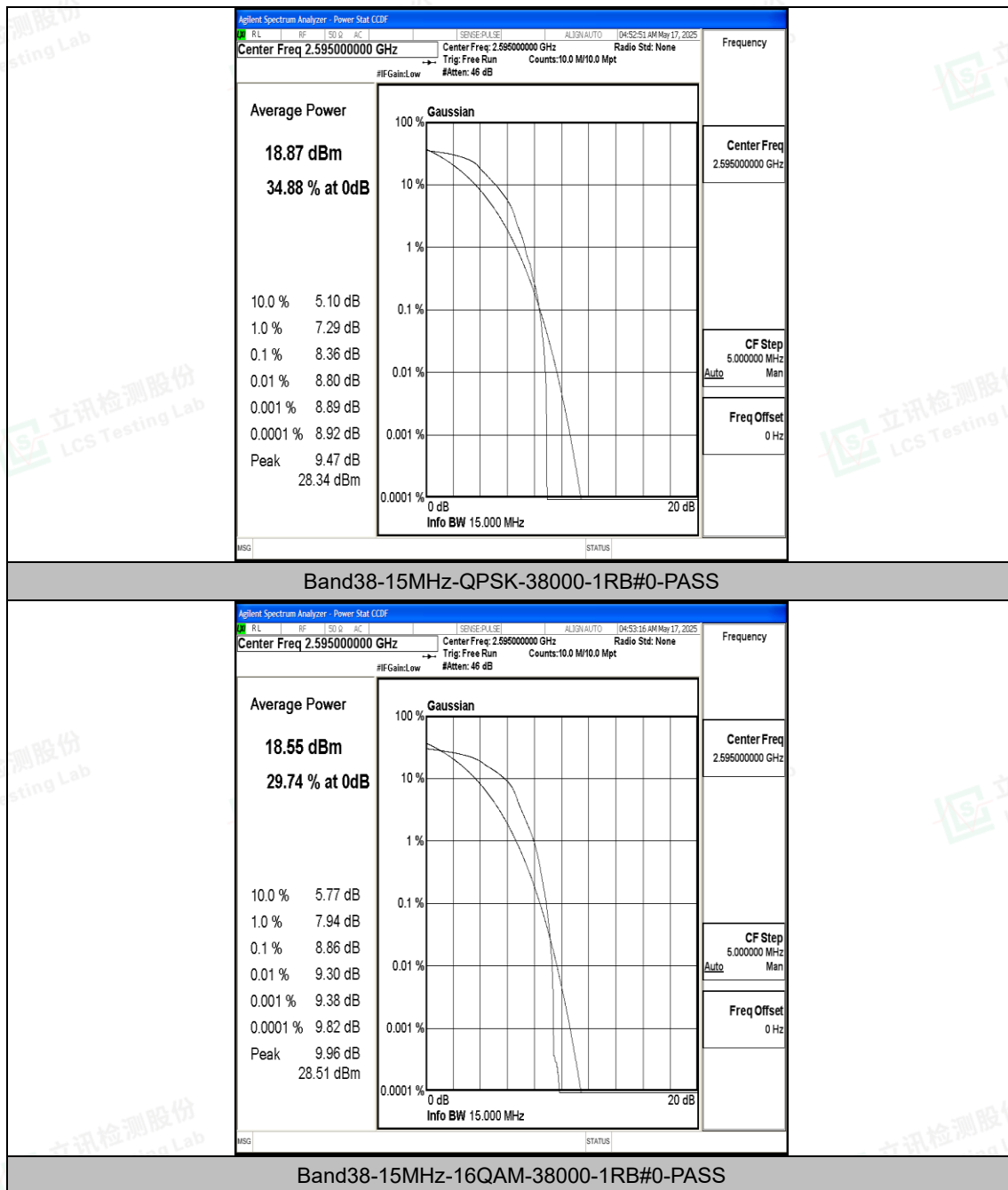


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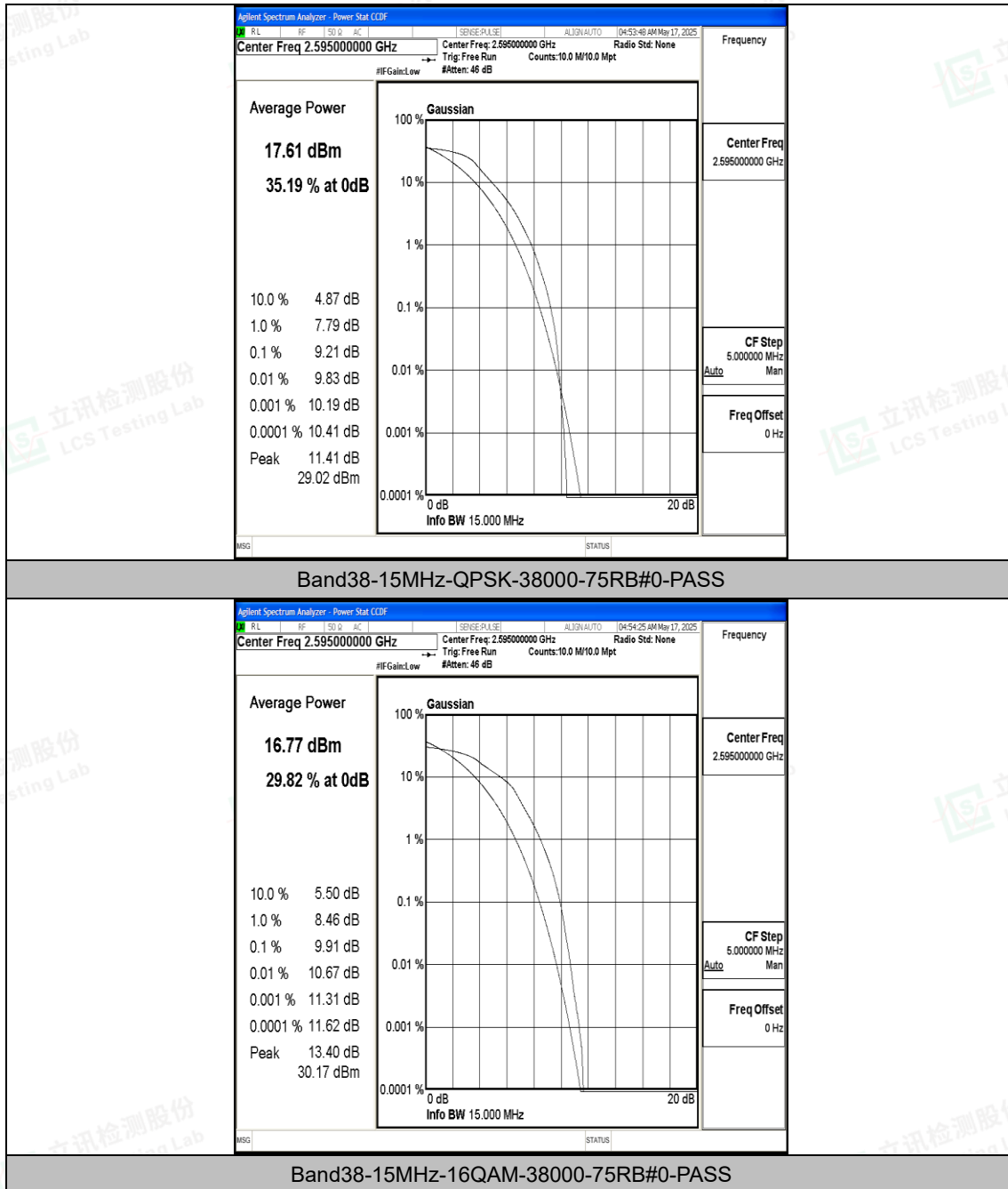


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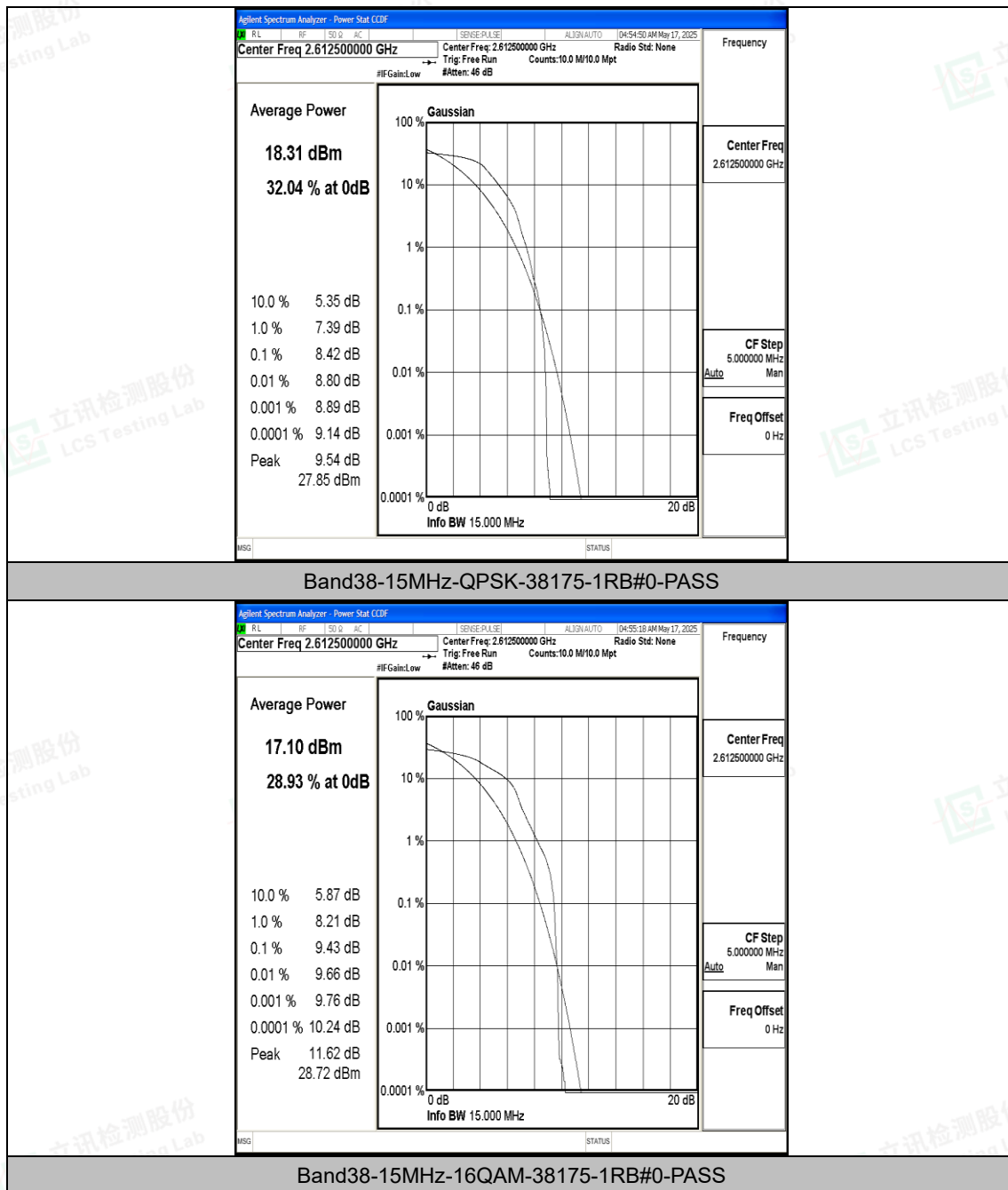


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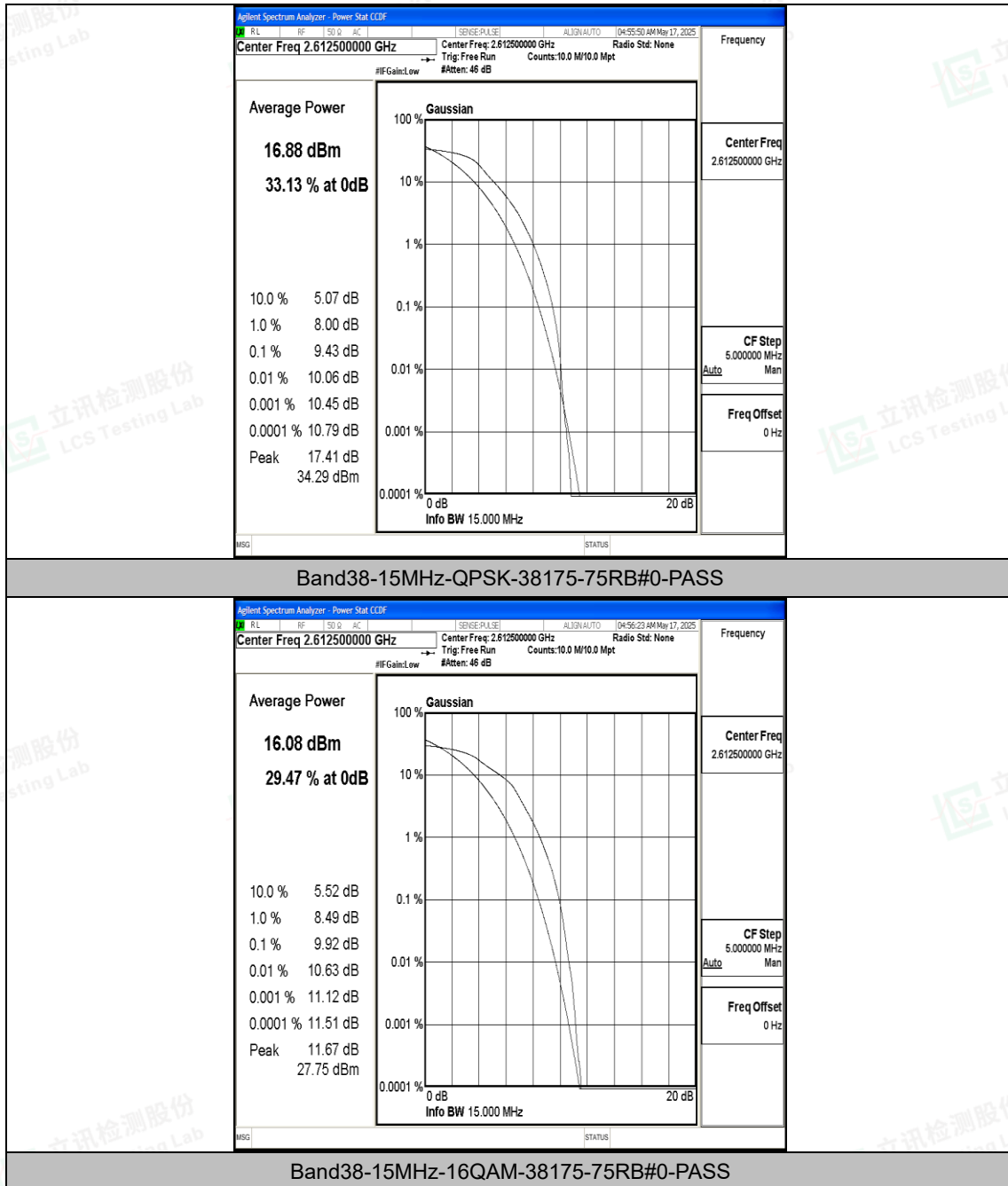


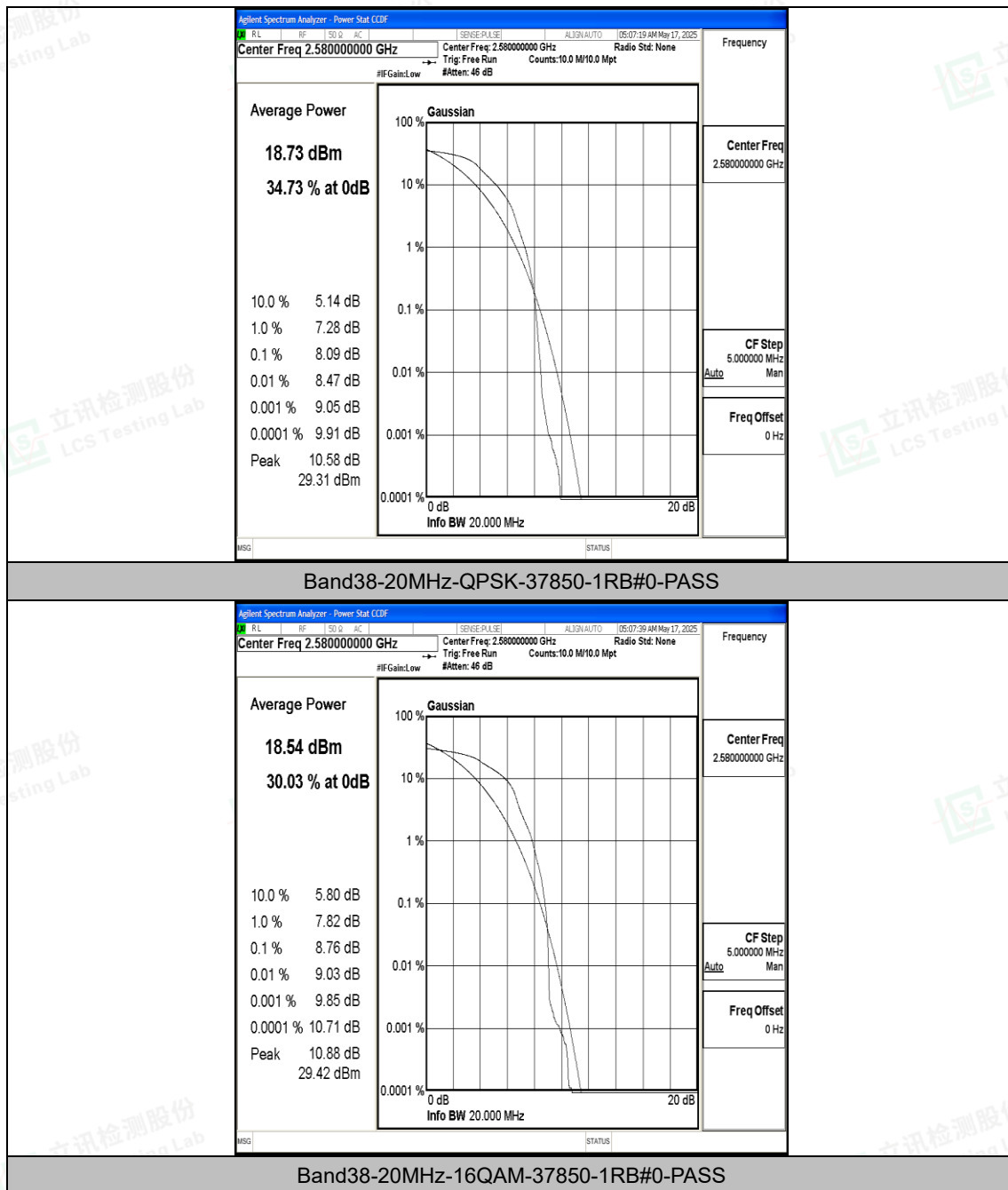
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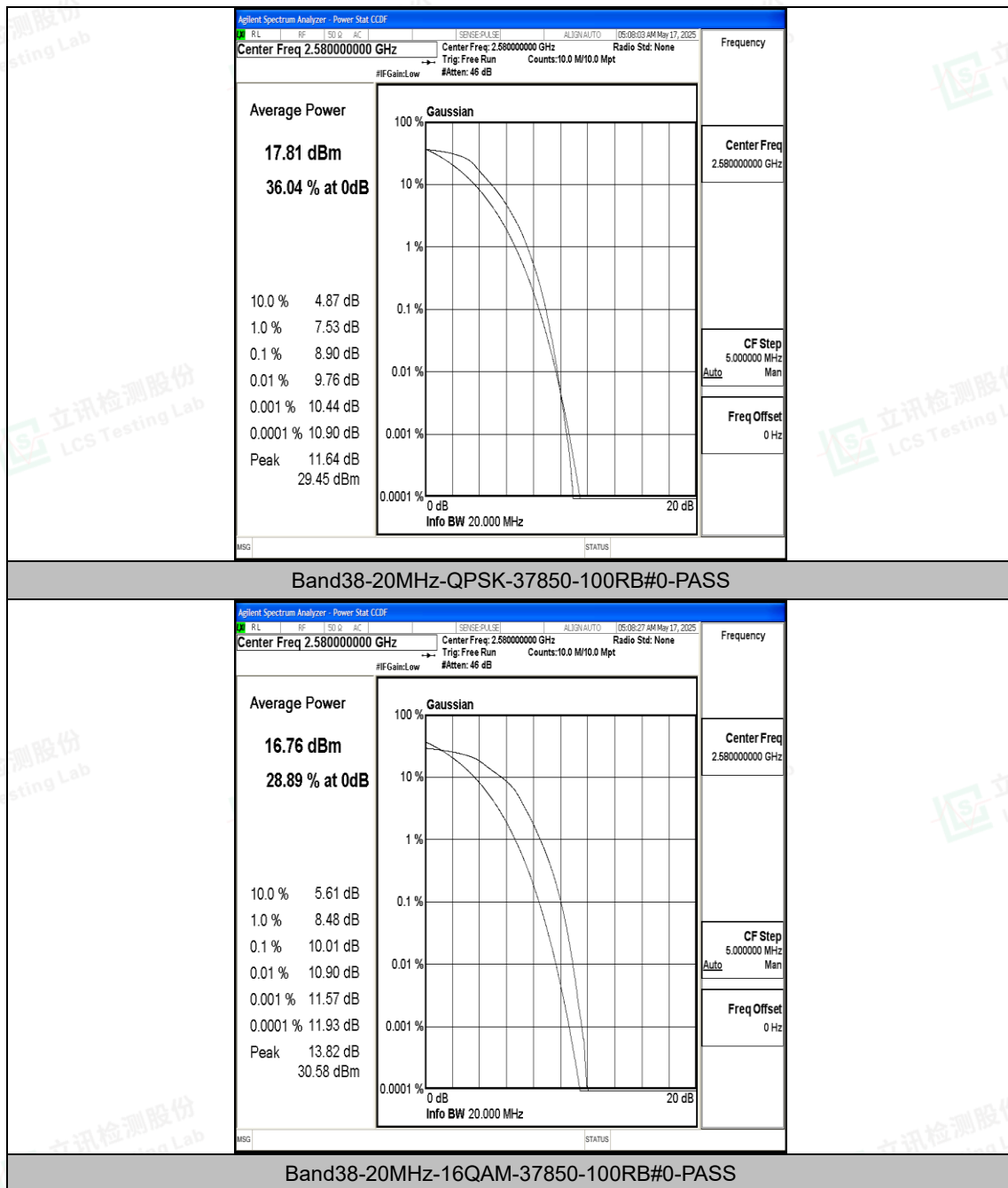


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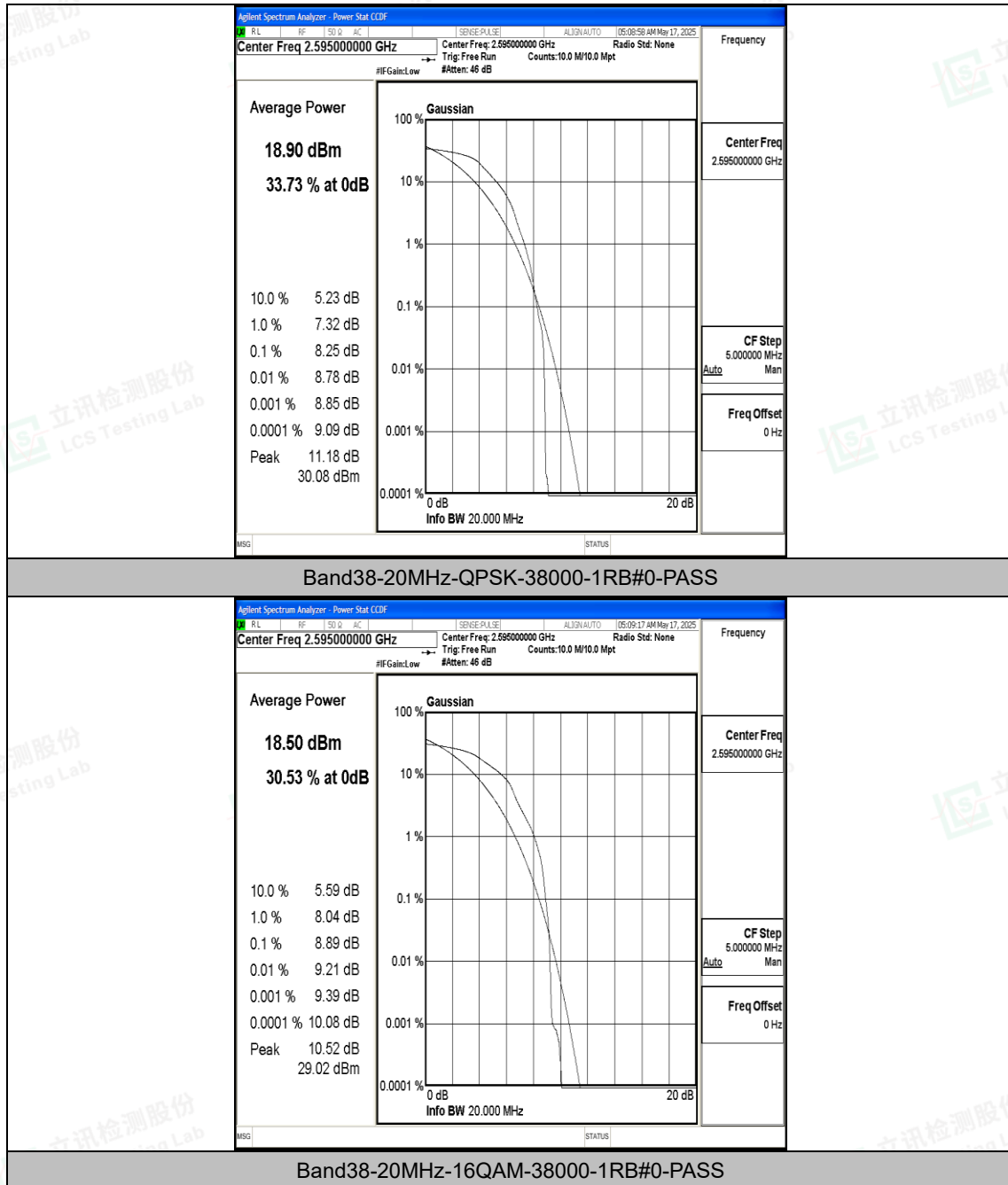


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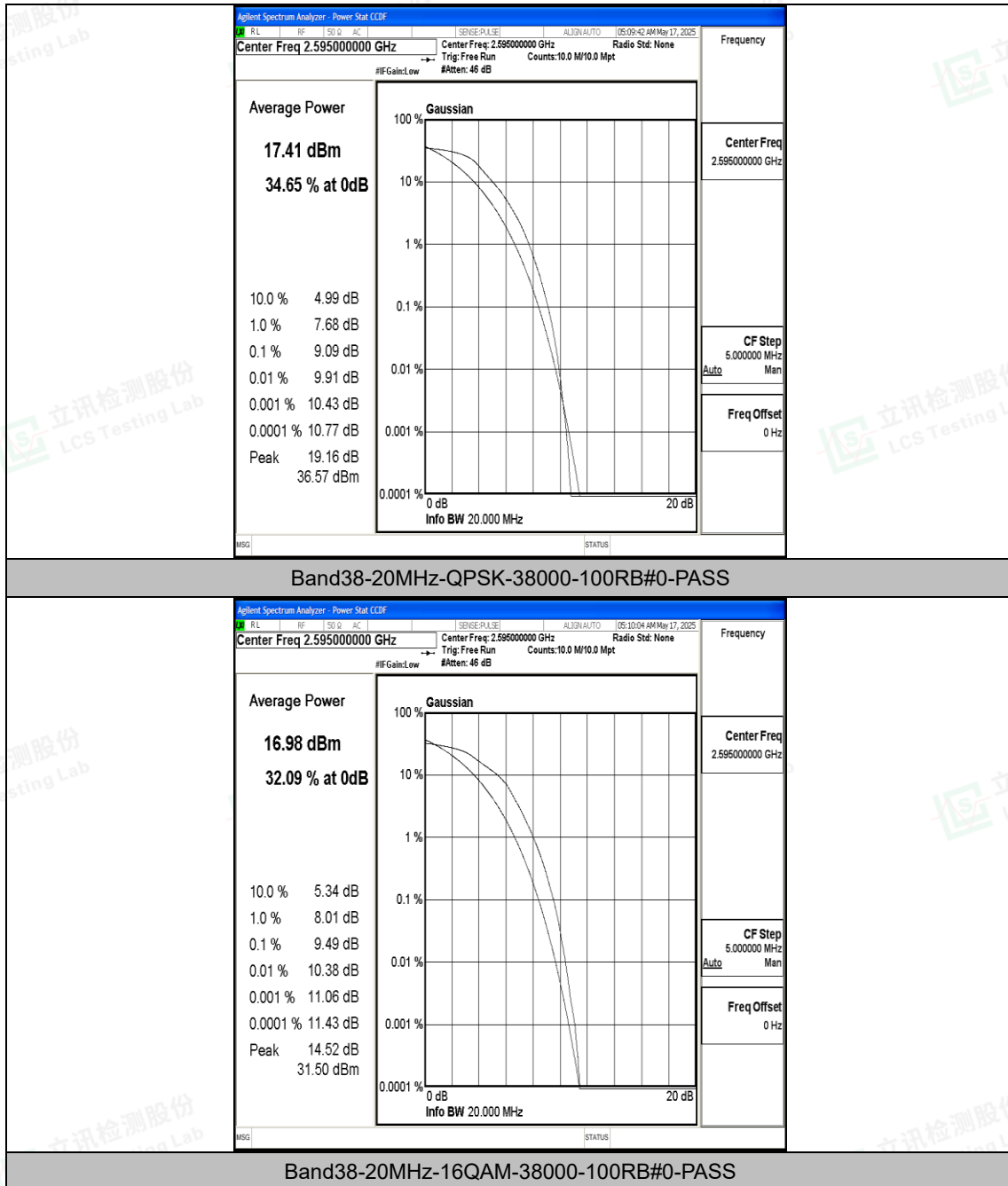


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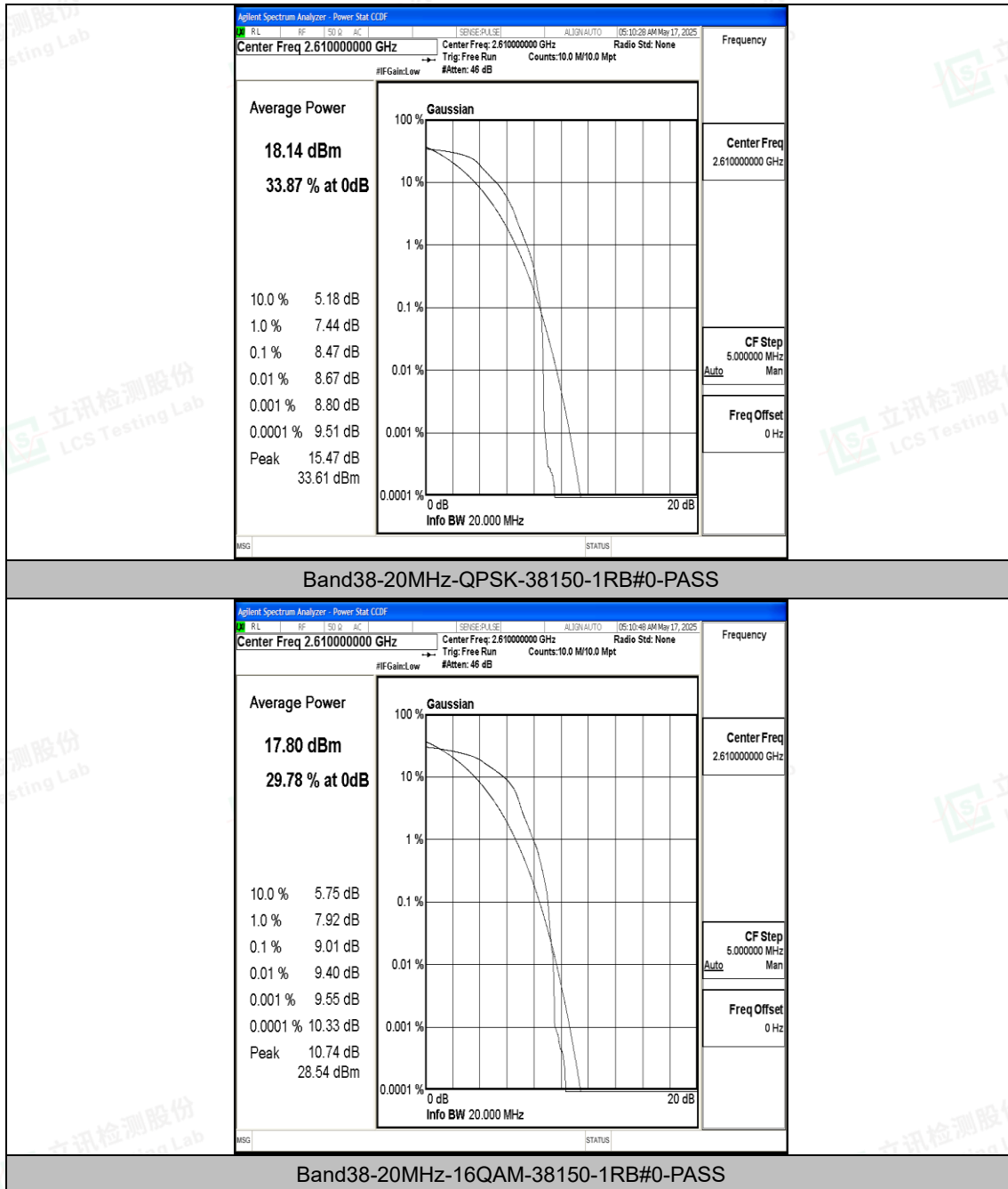


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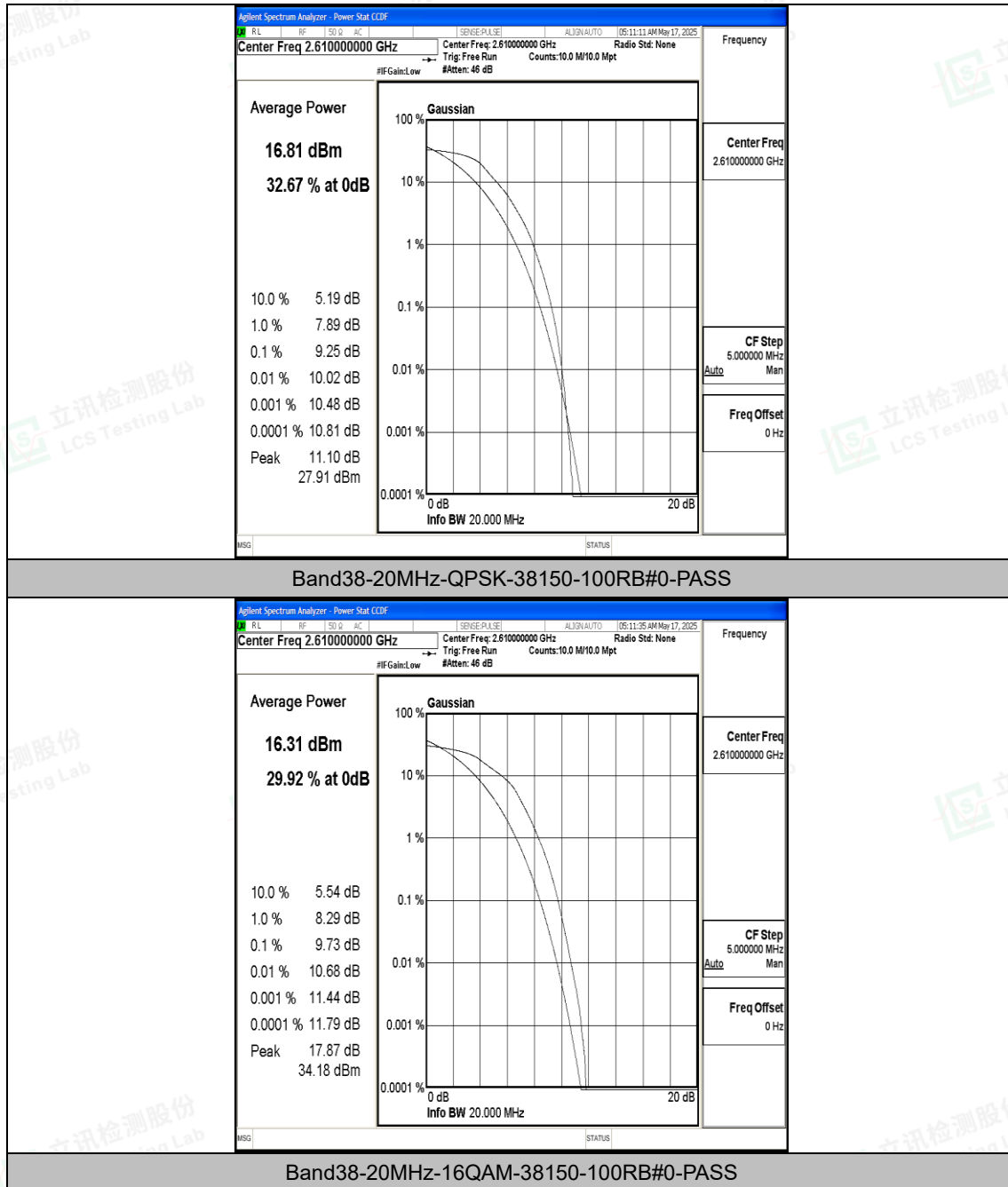


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I.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.5047	5.252	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.5101	5.351	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.5193	5.235	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.5050	5.422	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.4960	5.251	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.4961	5.275	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.9784	9.914	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.9994	10.12	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9809	10.12	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9853	9.896	PASS
Band38	10MHz	QPSK	38200	50RB#0	9.0002	10.09	PASS
Band38	10MHz	16QAM	38200	50RB#0	9.0014	11.08	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.501	16.52	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.476	15.10	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.974	20.61	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.975	20.33	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.985	20.10	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.977	20.43	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.982	19.47	PASS
Band38	20MHz	16QAM	38150	100RB#0	18.027	19.70	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.520	15.26	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.522	15.77	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.464	15.92	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.508	16.37	PASS



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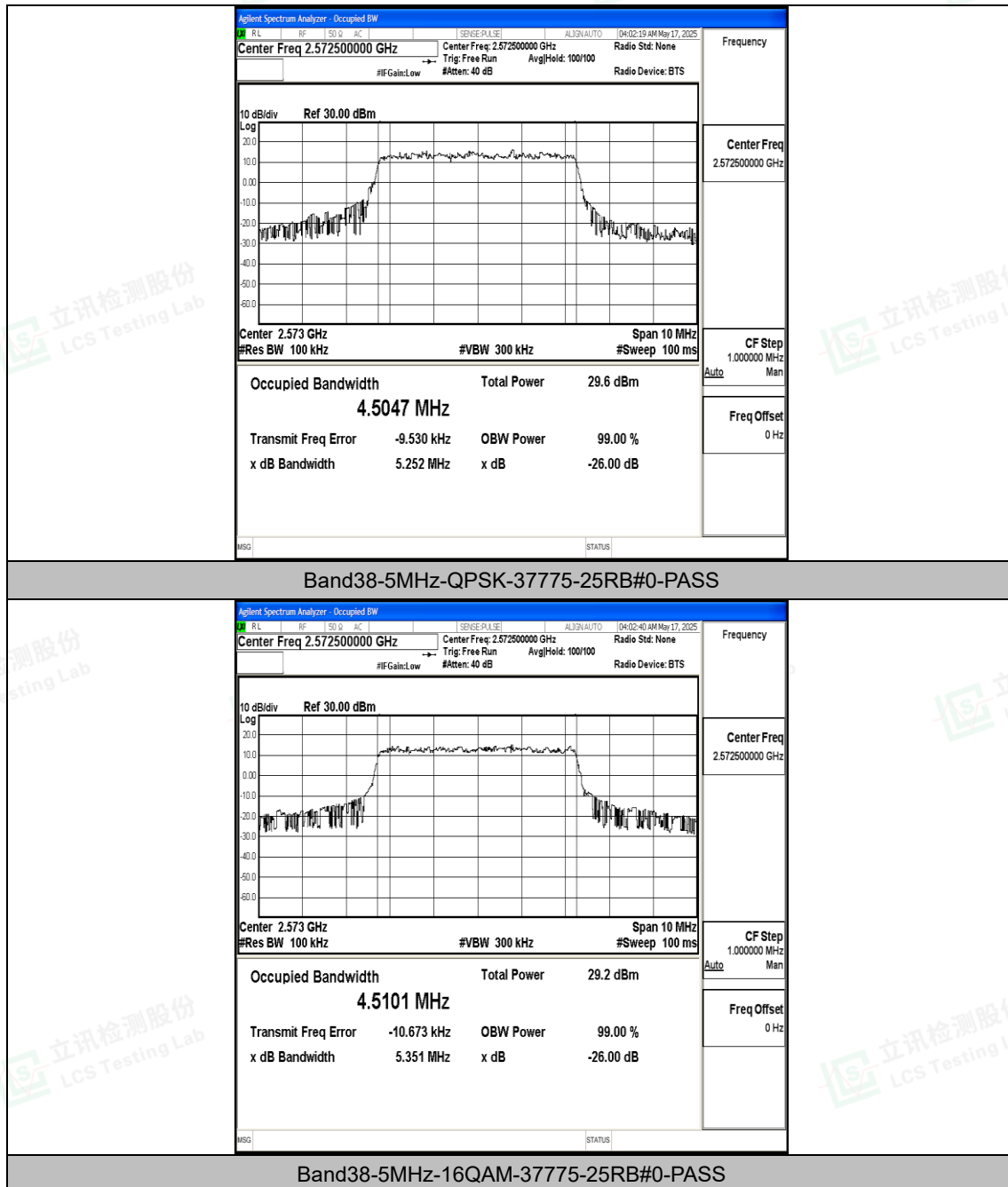
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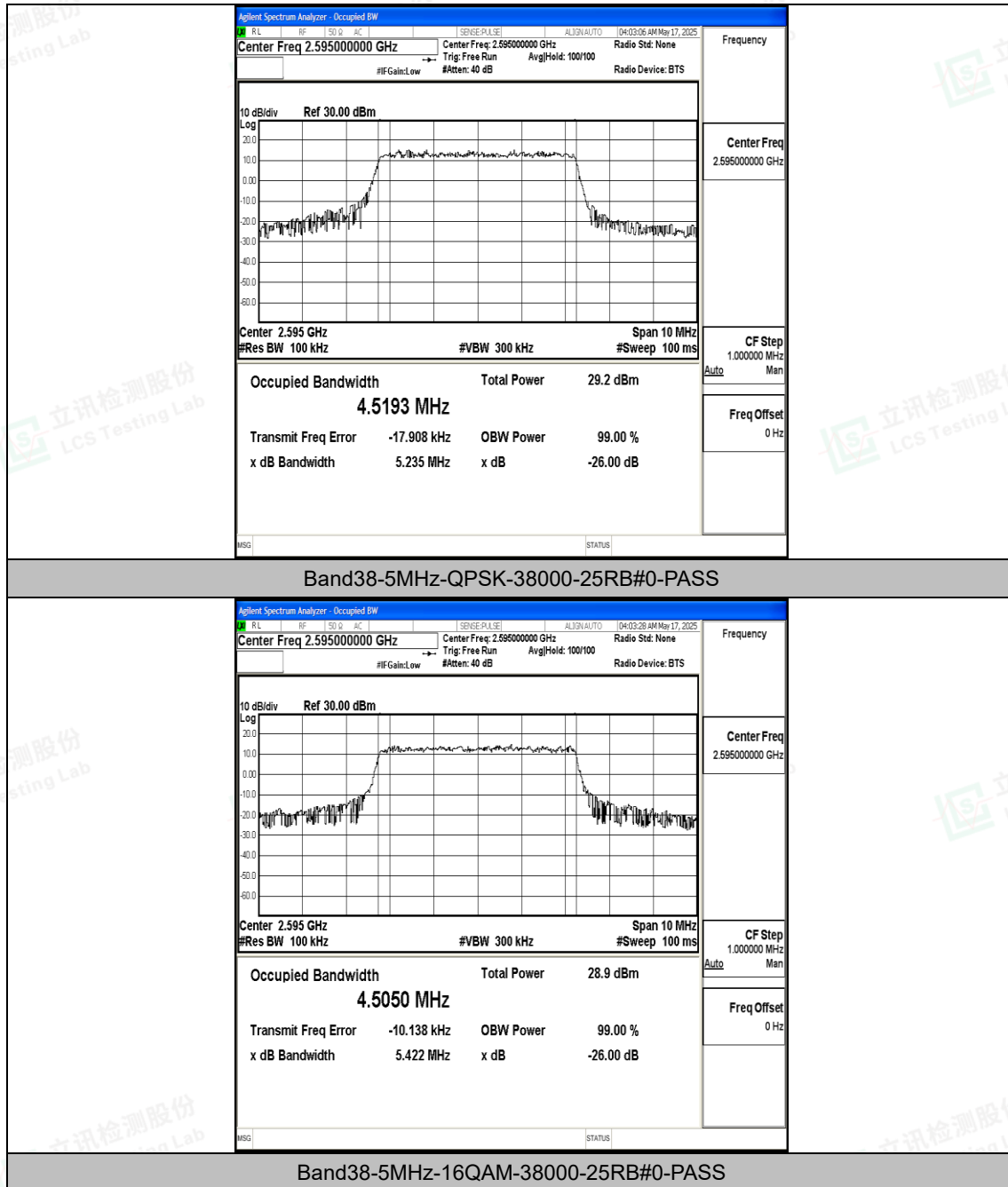
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Test Graphs



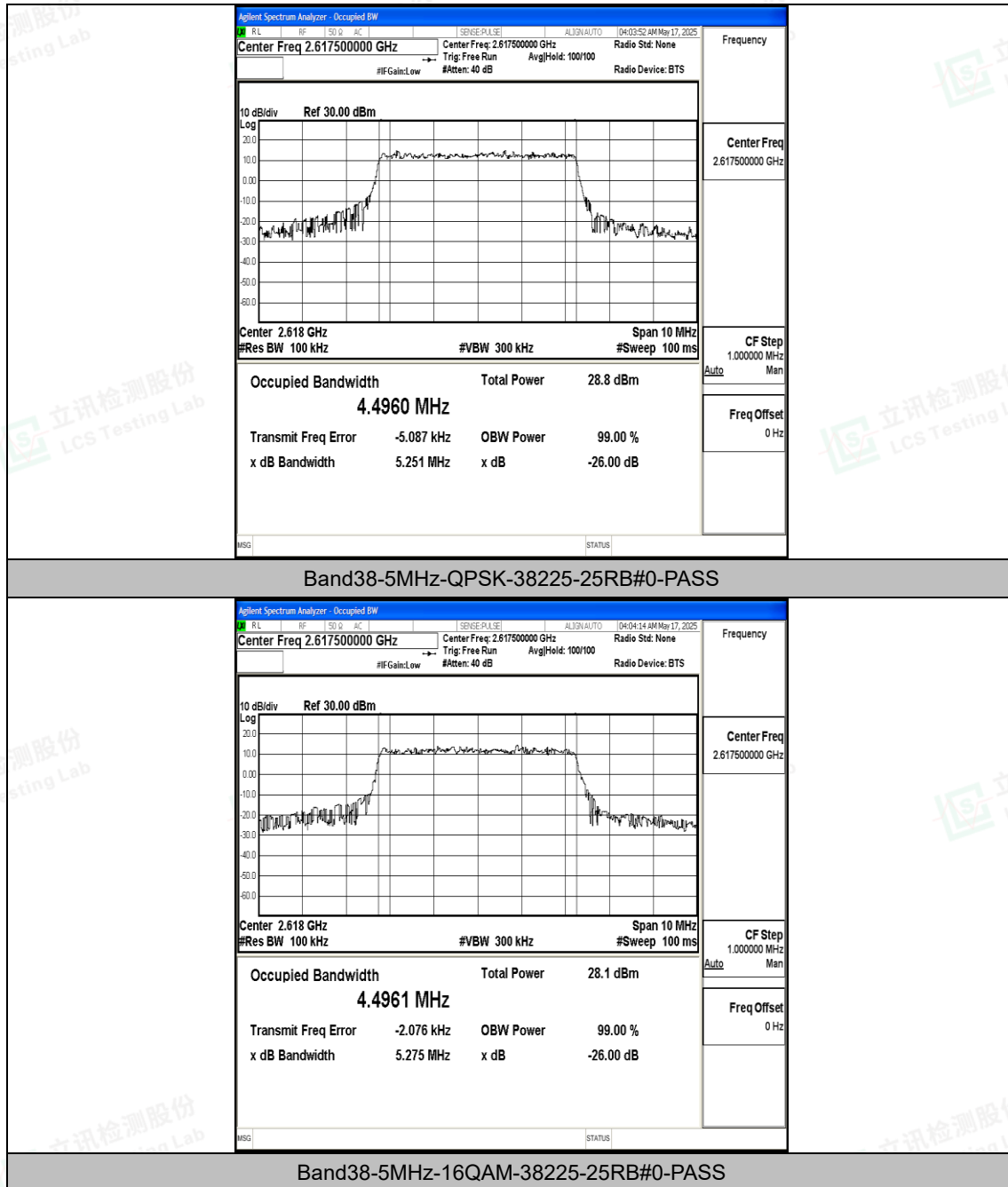


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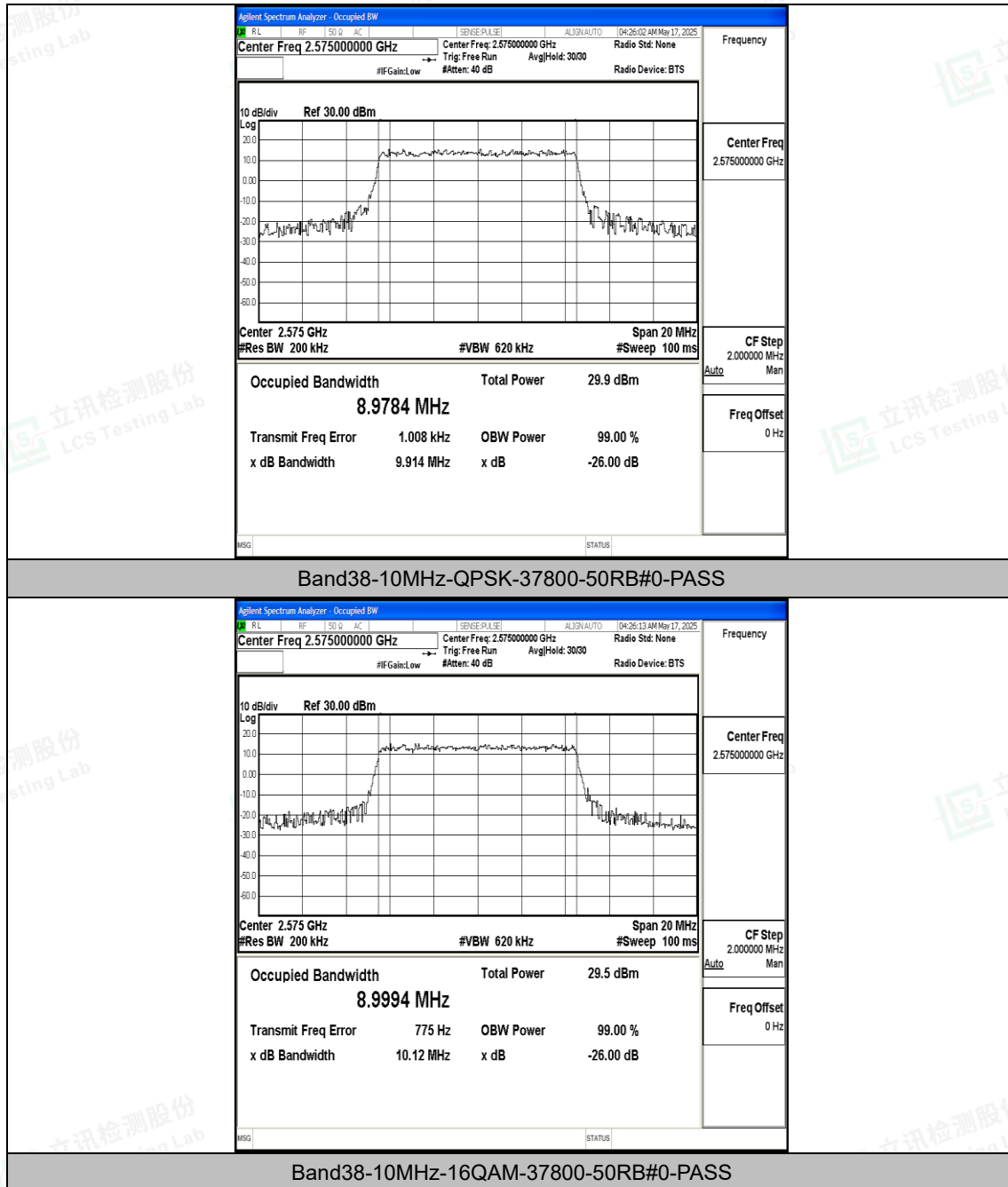


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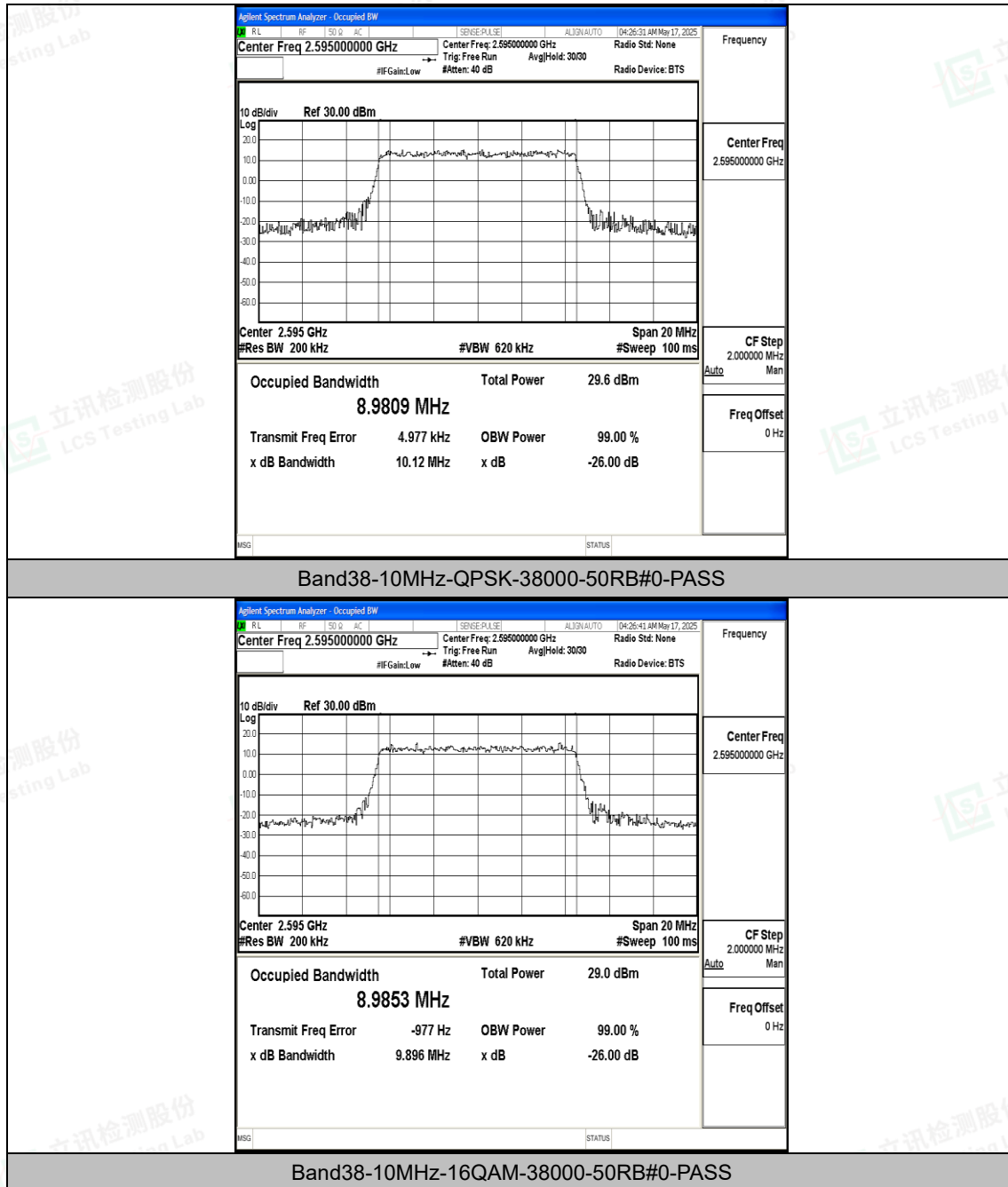


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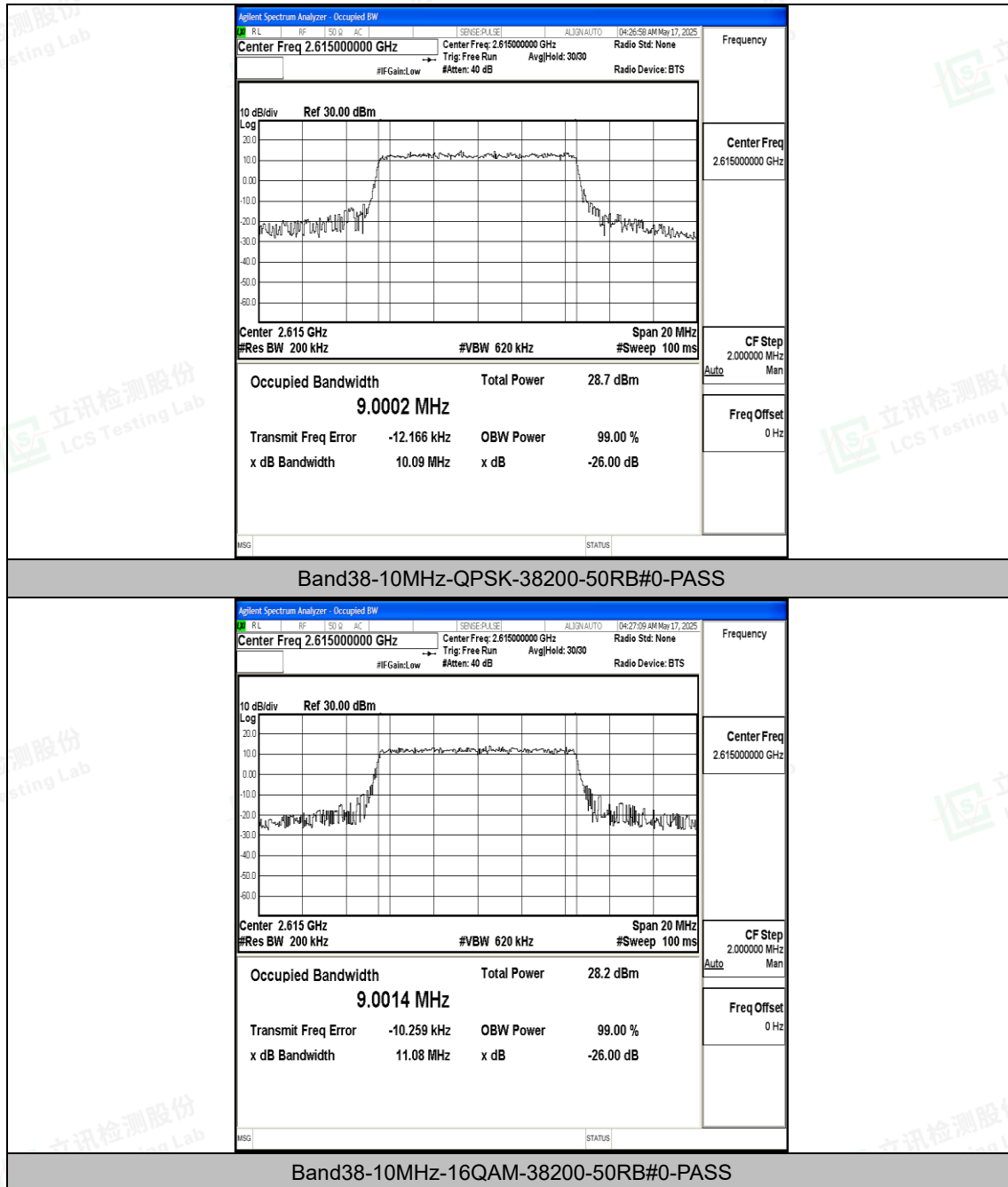


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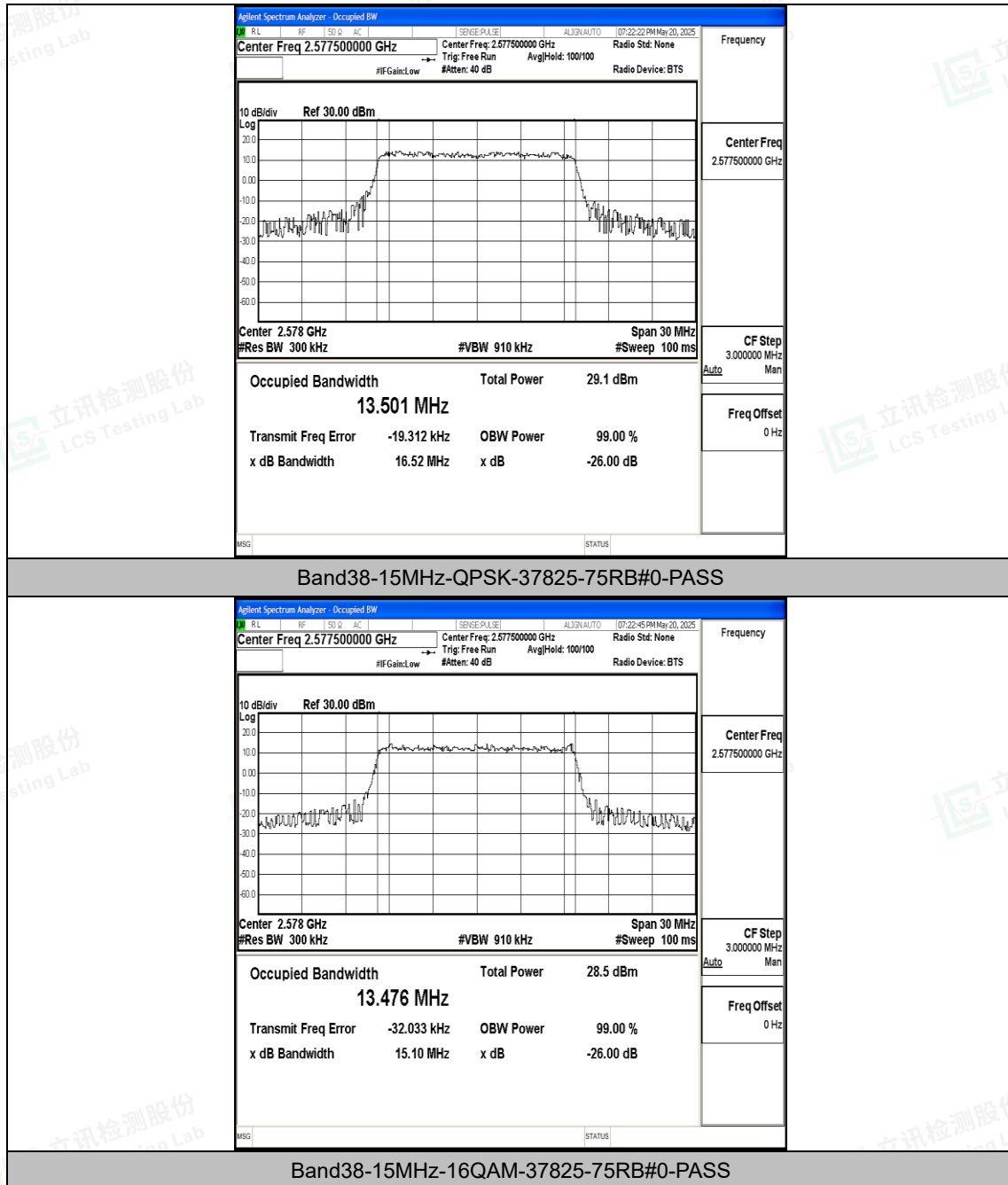


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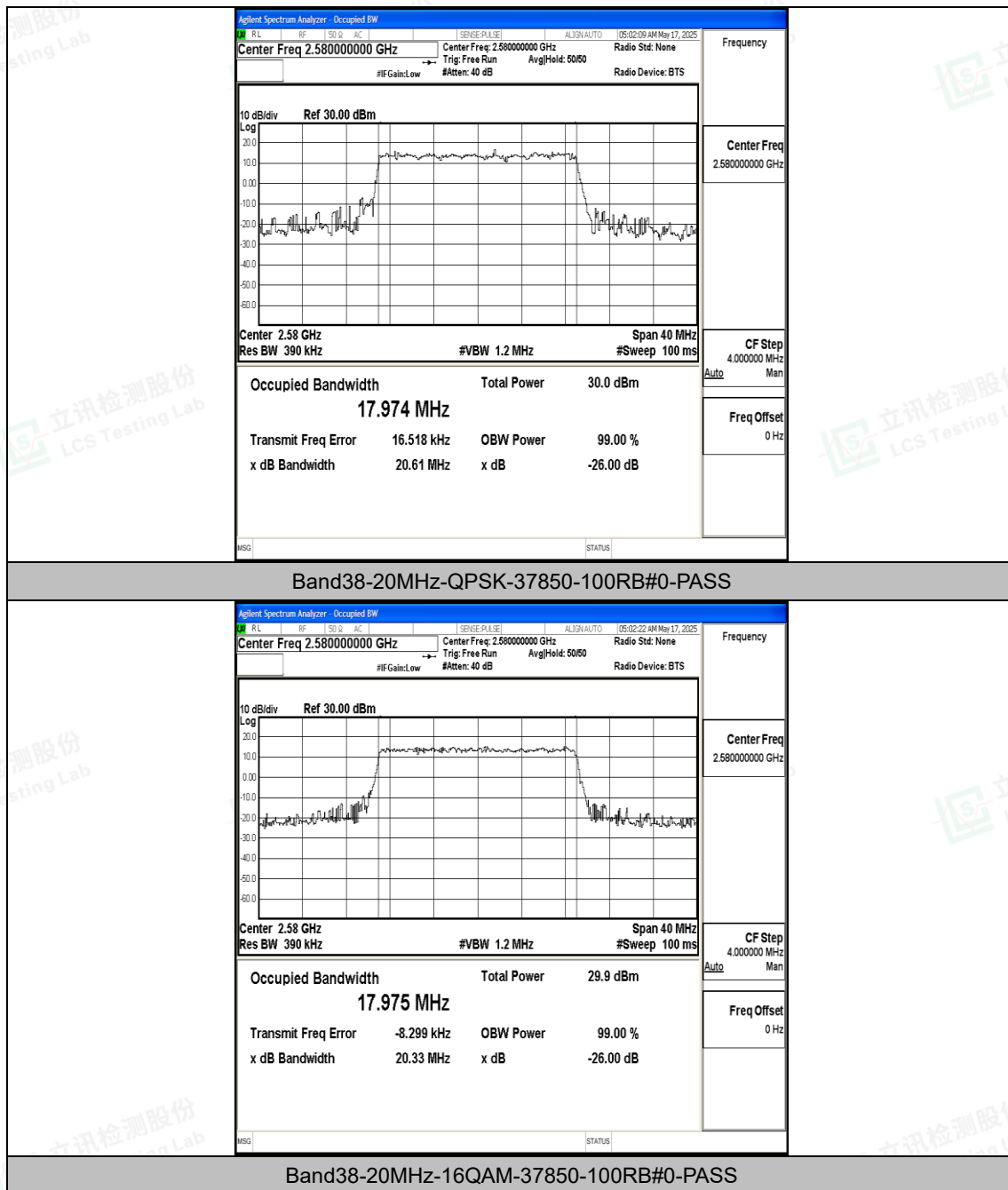


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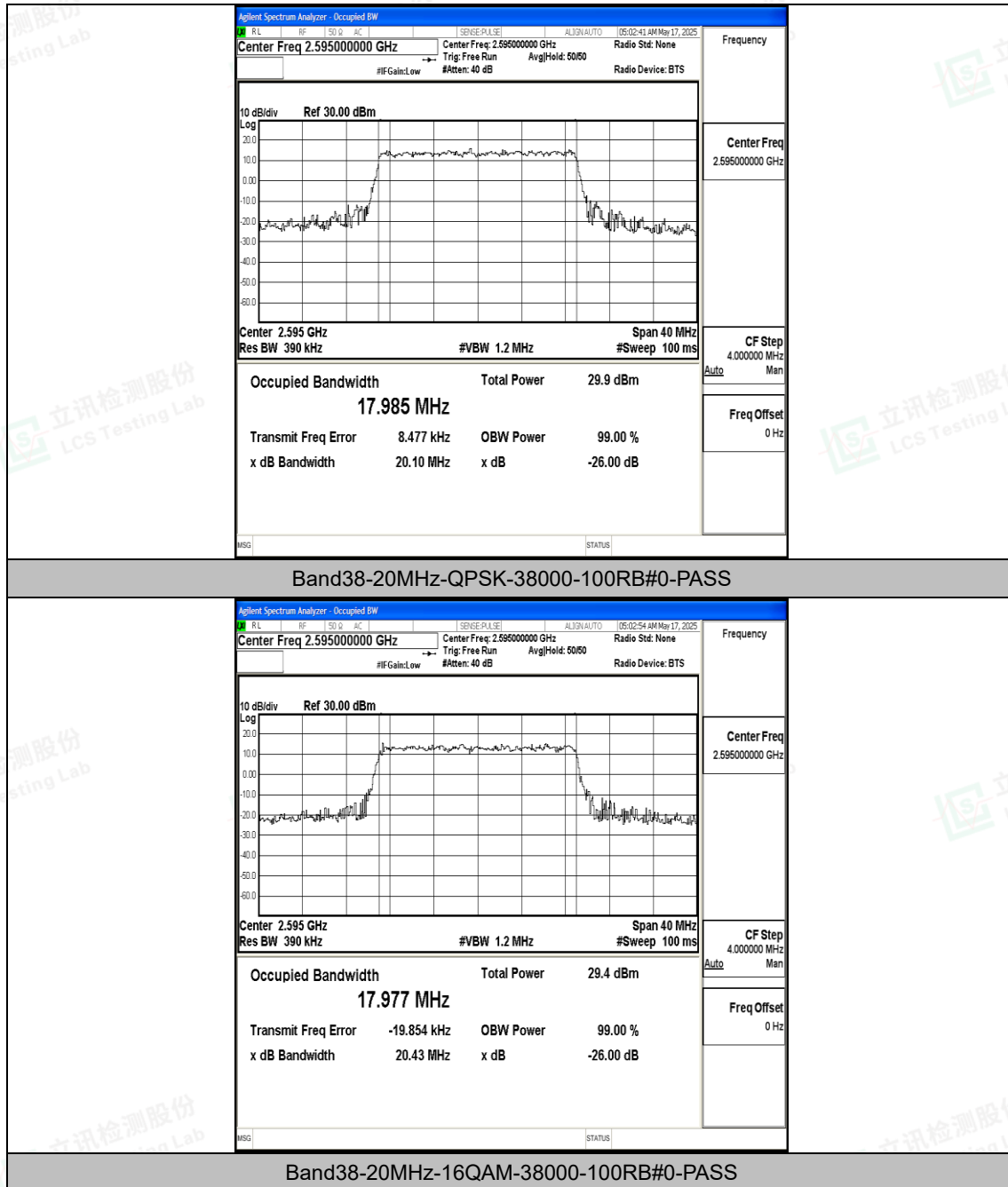


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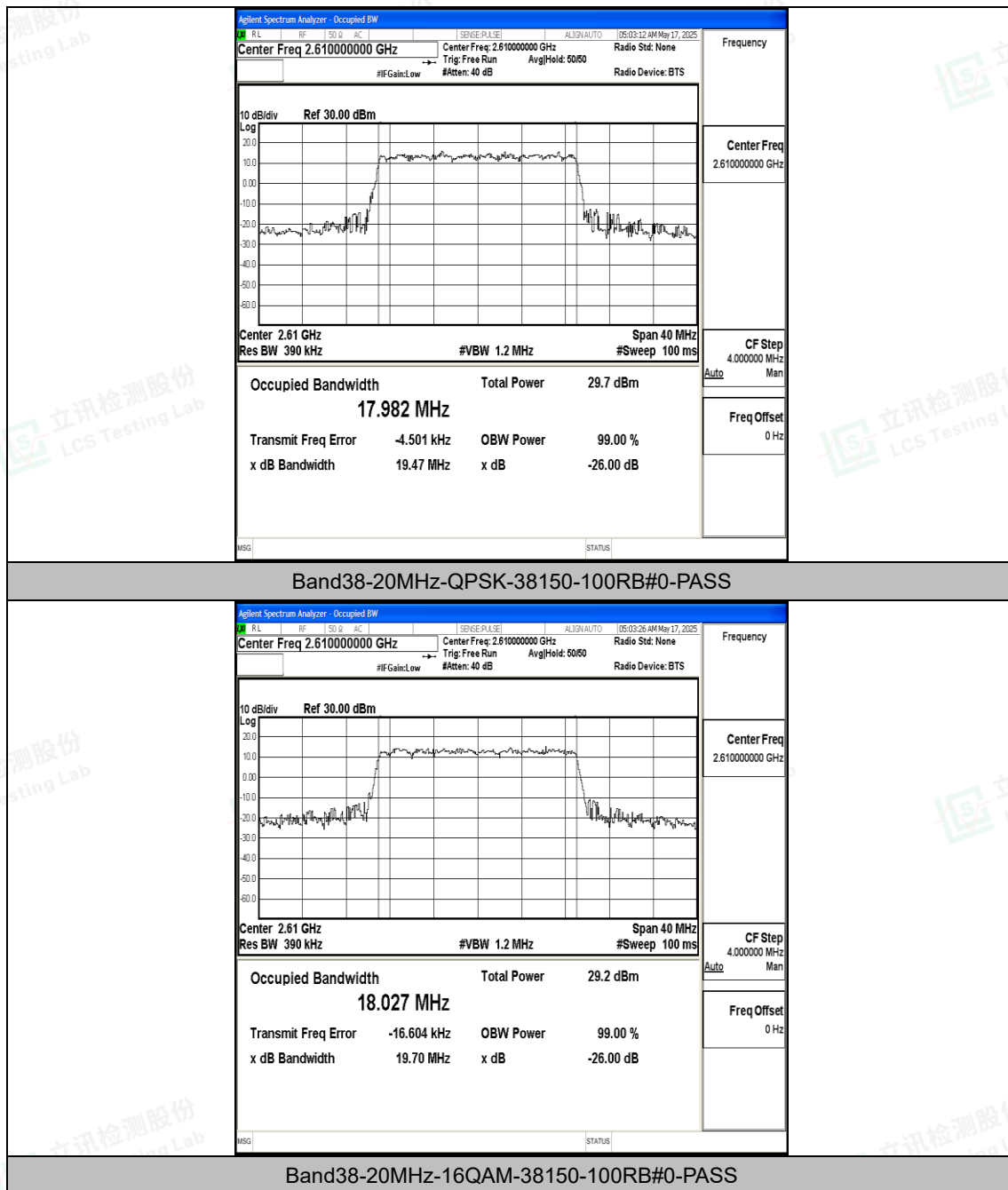


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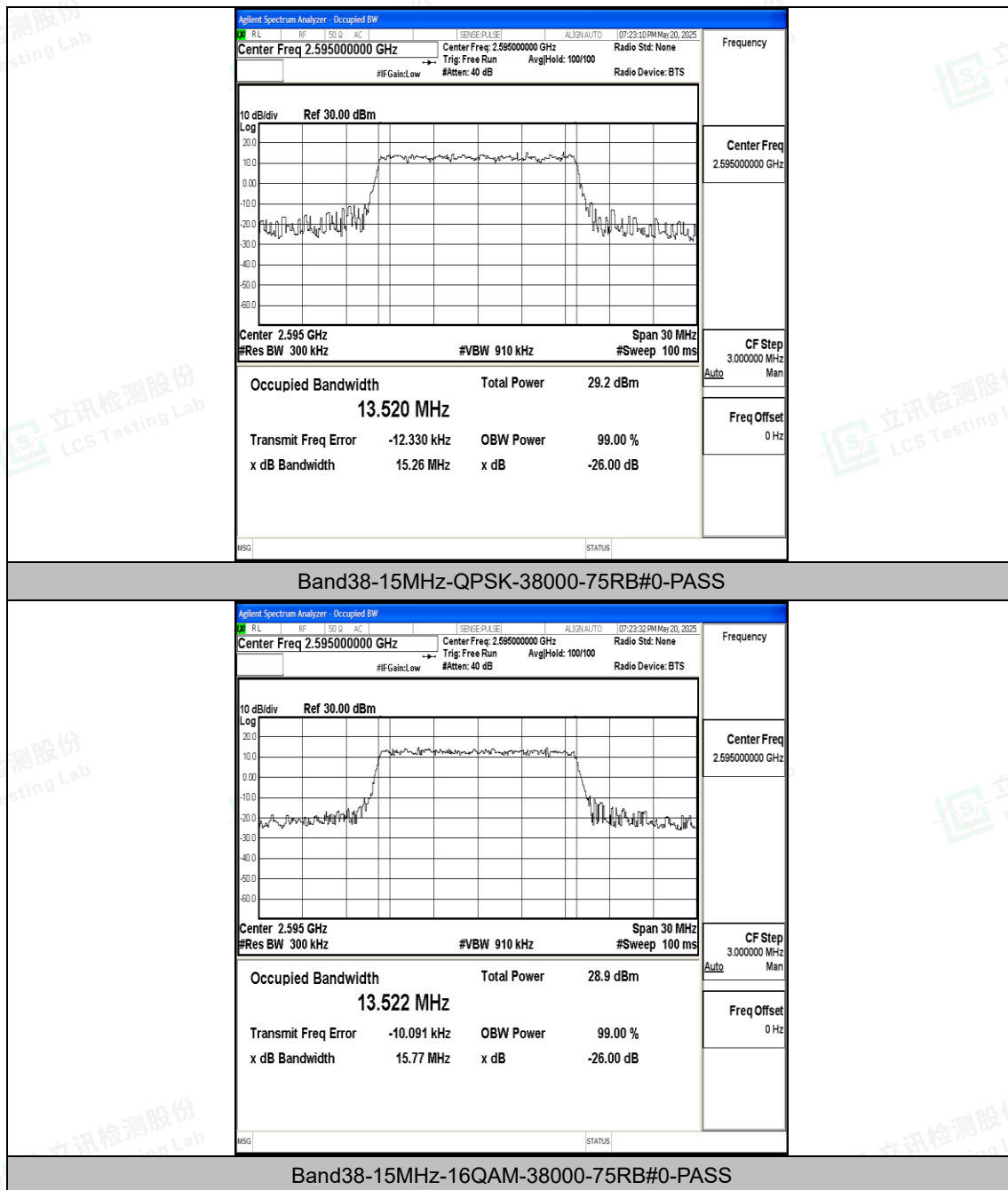


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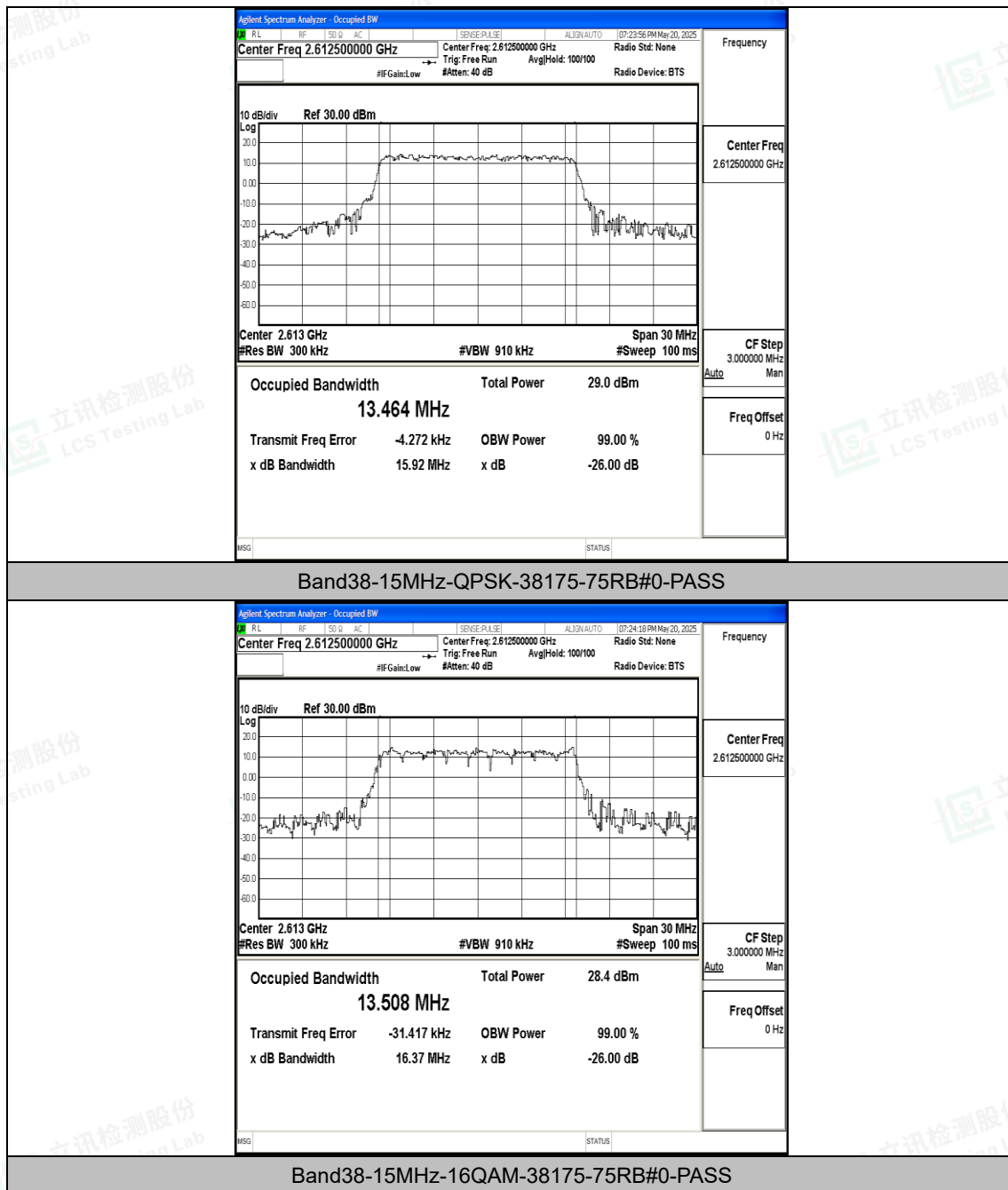


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