



Appendix G: Test Data for E-UTRA Band 7

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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G.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	21.46	PASS
Band7	5MHz	16QAM	20775	1RB#0	21.32	PASS
Band7	5MHz	QPSK	20775	1RB#12	21.27	PASS
Band7	5MHz	16QAM	20775	1RB#12	21.23	PASS
Band7	5MHz	QPSK	20775	1RB#24	21.21	PASS
Band7	5MHz	16QAM	20775	1RB#24	21.19	PASS
Band7	5MHz	QPSK	20775	12RB#0	21.18	PASS
Band7	5MHz	16QAM	20775	12RB#0	21.16	PASS
Band7	5MHz	QPSK	20775	12RB#6	21.15	PASS
Band7	5MHz	16QAM	20775	12RB#6	21.14	PASS
Band7	5MHz	QPSK	20775	12RB#13	21.15	PASS
Band7	5MHz	16QAM	20775	12RB#13	21.14	PASS
Band7	5MHz	QPSK	20775	25RB#0	21.14	PASS
Band7	5MHz	16QAM	20775	25RB#0	21.13	PASS
Band7	5MHz	QPSK	21100	1RB#0	21.12	PASS
Band7	5MHz	16QAM	21100	1RB#0	19.95	PASS
Band7	5MHz	QPSK	21100	1RB#12	21.14	PASS
Band7	5MHz	16QAM	21100	1RB#12	20.12	PASS
Band7	5MHz	QPSK	21100	1RB#24	21.26	PASS
Band7	5MHz	16QAM	21100	1RB#24	20.19	PASS
Band7	5MHz	QPSK	21100	12RB#0	20.42	PASS
Band7	5MHz	16QAM	21100	12RB#0	19.51	PASS
Band7	5MHz	QPSK	21100	12RB#6	20.39	PASS
Band7	5MHz	16QAM	21100	12RB#6	19.52	PASS
Band7	5MHz	QPSK	21100	12RB#13	20.31	PASS
Band7	5MHz	16QAM	21100	12RB#13	19.32	PASS
Band7	5MHz	QPSK	21100	25RB#0	20.26	PASS
Band7	5MHz	16QAM	21100	25RB#0	19.53	PASS
Band7	5MHz	QPSK	21425	1RB#0	21.27	PASS
Band7	5MHz	16QAM	21425	1RB#0	20.93	PASS
Band7	5MHz	QPSK	21425	1RB#12	21.76	PASS
Band7	5MHz	16QAM	21425	1RB#12	21.06	PASS
Band7	5MHz	QPSK	21425	1RB#24	21.46	PASS
Band7	5MHz	16QAM	21425	1RB#24	21.02	PASS
Band7	5MHz	QPSK	21425	12RB#0	21.32	PASS



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Band7	5MHz	16QAM	21425	12RB#0	20.58	PASS
Band7	5MHz	QPSK	21425	12RB#6	21.31	PASS
Band7	5MHz	16QAM	21425	12RB#6	20.57	PASS
Band7	5MHz	QPSK	21425	12RB#13	21.31	PASS
Band7	5MHz	16QAM	21425	12RB#13	20.56	PASS
Band7	5MHz	QPSK	21425	25RB#0	21.33	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.74	PASS
Band7	10MHz	QPSK	20800	1RB#0	21.07	PASS
Band7	10MHz	16QAM	20800	1RB#0	21.05	PASS
Band7	10MHz	QPSK	20800	1RB#24	21.12	PASS
Band7	10MHz	16QAM	20800	1RB#24	21.14	PASS
Band7	10MHz	QPSK	20800	1RB#49	21.19	PASS
Band7	10MHz	16QAM	20800	1RB#49	21.11	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.13	PASS
Band7	10MHz	16QAM	20800	25RB#0	20.41	PASS
Band7	10MHz	QPSK	20800	25RB#12	21.14	PASS
Band7	10MHz	16QAM	20800	25RB#12	20.40	PASS
Band7	10MHz	QPSK	20800	25RB#25	21.23	PASS
Band7	10MHz	16QAM	20800	25RB#25	20.52	PASS
Band7	10MHz	QPSK	20800	50RB#0	21.17	PASS
Band7	10MHz	16QAM	20800	50RB#0	20.60	PASS
Band7	10MHz	QPSK	21100	1RB#0	22.09	PASS
Band7	10MHz	16QAM	21100	1RB#0	21.15	PASS
Band7	10MHz	QPSK	21100	1RB#24	21.96	PASS
Band7	10MHz	16QAM	21100	1RB#24	21.08	PASS
Band7	10MHz	QPSK	21100	1RB#49	22.01	PASS
Band7	10MHz	16QAM	21100	1RB#49	21.16	PASS
Band7	10MHz	QPSK	21100	25RB#0	21.24	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.39	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.14	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.41	PASS
Band7	10MHz	QPSK	21100	25RB#25	21.15	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.62	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.01	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.34	PASS
Band7	10MHz	QPSK	21400	1RB#0	20.94	PASS
Band7	10MHz	16QAM	21400	1RB#0	20.94	PASS
Band7	10MHz	QPSK	21400	1RB#24	21.40	PASS
Band7	10MHz	16QAM	21400	1RB#24	21.37	PASS
Band7	10MHz	QPSK	21400	1RB#49	21.77	PASS



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Band7	10MHz	16QAM	21400	1RB#49	21.46	PASS
Band7	10MHz	QPSK	21400	25RB#0	21.24	PASS
Band7	10MHz	16QAM	21400	25RB#0	20.64	PASS
Band7	10MHz	QPSK	21400	25RB#12	21.23	PASS
Band7	10MHz	16QAM	21400	25RB#12	20.61	PASS
Band7	10MHz	QPSK	21400	25RB#25	21.38	PASS
Band7	10MHz	16QAM	21400	25RB#25	20.62	PASS
Band7	10MHz	QPSK	21400	50RB#0	21.35	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.63	PASS
Band7	15MHz	QPSK	20825	1RB#0	21.06	PASS
Band7	15MHz	16QAM	20825	1RB#0	21.05	PASS
Band7	15MHz	QPSK	20825	1RB#38	21.03	PASS
Band7	15MHz	16QAM	20825	1RB#38	21.05	PASS
Band7	15MHz	QPSK	20825	1RB#74	21.00	PASS
Band7	15MHz	16QAM	20825	1RB#74	21.04	PASS
Band7	15MHz	QPSK	20825	38RB#0	21.09	PASS
Band7	15MHz	16QAM	20825	38RB#0	21.08	PASS
Band7	15MHz	QPSK	20825	38RB#18	21.08	PASS
Band7	15MHz	16QAM	20825	38RB#18	21.08	PASS
Band7	15MHz	QPSK	20825	38RB#37	21.07	PASS
Band7	15MHz	16QAM	20825	38RB#37	21.07	PASS
Band7	15MHz	QPSK	20825	75RB#0	21.07	PASS
Band7	15MHz	16QAM	20825	75RB#0	20.49	PASS
Band7	15MHz	QPSK	21100	1RB#0	21.59	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.32	PASS
Band7	15MHz	QPSK	21100	1RB#38	21.60	PASS
Band7	15MHz	16QAM	21100	1RB#38	21.24	PASS
Band7	15MHz	QPSK	21100	1RB#74	21.57	PASS
Band7	15MHz	16QAM	21100	1RB#74	21.30	PASS
Band7	15MHz	QPSK	21100	38RB#0	21.20	PASS
Band7	15MHz	16QAM	21100	38RB#0	21.15	PASS
Band7	15MHz	QPSK	21100	38RB#18	21.15	PASS
Band7	15MHz	16QAM	21100	38RB#18	21.15	PASS
Band7	15MHz	QPSK	21100	38RB#37	21.15	PASS
Band7	15MHz	16QAM	21100	38RB#37	21.16	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.16	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.24	PASS
Band7	15MHz	QPSK	21375	1RB#0	21.08	PASS
Band7	15MHz	16QAM	21375	1RB#0	20.85	PASS
Band7	15MHz	QPSK	21375	1RB#38	21.20	PASS



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Band7	15MHz	16QAM	21375	1RB#38	20.99	PASS
Band7	15MHz	QPSK	21375	1RB#74	21.43	PASS
Band7	15MHz	16QAM	21375	1RB#74	21.21	PASS
Band7	15MHz	QPSK	21375	38RB#0	21.26	PASS
Band7	15MHz	16QAM	21375	38RB#0	21.25	PASS
Band7	15MHz	QPSK	21375	38RB#18	21.24	PASS
Band7	15MHz	16QAM	21375	38RB#18	21.24	PASS
Band7	15MHz	QPSK	21375	38RB#37	21.23	PASS
Band7	15MHz	16QAM	21375	38RB#37	21.22	PASS
Band7	15MHz	QPSK	21375	75RB#0	21.22	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.65	PASS
Band7	20MHz	QPSK	20850	1RB#0	21.10	PASS
Band7	20MHz	16QAM	20850	1RB#0	20.86	PASS
Band7	20MHz	QPSK	20850	1RB#49	21.03	PASS
Band7	20MHz	16QAM	20850	1RB#49	20.93	PASS
Band7	20MHz	QPSK	20850	1RB#99	21.88	PASS
Band7	20MHz	16QAM	20850	1RB#99	20.94	PASS
Band7	20MHz	QPSK	20850	50RB#0	20.91	PASS
Band7	20MHz	16QAM	20850	50RB#0	20.62	PASS
Band7	20MHz	QPSK	20850	50RB#25	20.91	PASS
Band7	20MHz	16QAM	20850	50RB#25	20.62	PASS
Band7	20MHz	QPSK	20850	50RB#50	21.25	PASS
Band7	20MHz	16QAM	20850	50RB#50	20.59	PASS
Band7	20MHz	QPSK	20850	100RB#0	21.13	PASS
Band7	20MHz	16QAM	20850	100RB#0	20.45	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.15	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.75	PASS
Band7	20MHz	QPSK	21100	1RB#49	21.95	PASS
Band7	20MHz	16QAM	21100	1RB#49	21.72	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.12	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.73	PASS
Band7	20MHz	QPSK	21100	50RB#0	21.22	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.37	PASS
Band7	20MHz	QPSK	21100	50RB#25	21.11	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.47	PASS
Band7	20MHz	QPSK	21100	50RB#50	21.07	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.38	PASS
Band7	20MHz	QPSK	21100	100RB#0	21.19	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.49	PASS
Band7	20MHz	QPSK	21350	1RB#0	21.27	PASS



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Band7	20MHz	16QAM	21350	1RB#0	21.12	PASS
Band7	20MHz	QPSK	21350	1RB#49	20.99	PASS
Band7	20MHz	16QAM	21350	1RB#49	20.87	PASS
Band7	20MHz	QPSK	21350	1RB#99	21.83	PASS
Band7	20MHz	16QAM	21350	1RB#99	21.29	PASS
Band7	20MHz	QPSK	21350	50RB#0	21.07	PASS
Band7	20MHz	16QAM	21350	50RB#0	20.63	PASS
Band7	20MHz	QPSK	21350	50RB#25	21.07	PASS
Band7	20MHz	16QAM	21350	50RB#25	20.62	PASS
Band7	20MHz	QPSK	21350	50RB#50	21.43	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.66	PASS
Band7	20MHz	QPSK	21350	100RB#0	21.24	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.54	PASS





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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	4.53	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	4.73	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.10	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.68	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	4.50	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	5.26	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.32	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.99	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	4.60	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	4.78	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.03	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.68	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	4.41	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	4.68	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.13	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.74	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	4.40	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	5.28	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.32	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.03	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	4.65	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	4.98	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.08	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.77	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	4.43	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	4.67	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.41	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	5.83	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	4.29	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	5.20	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.55	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.09	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	4.65	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	5.00	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.32	13	PASS



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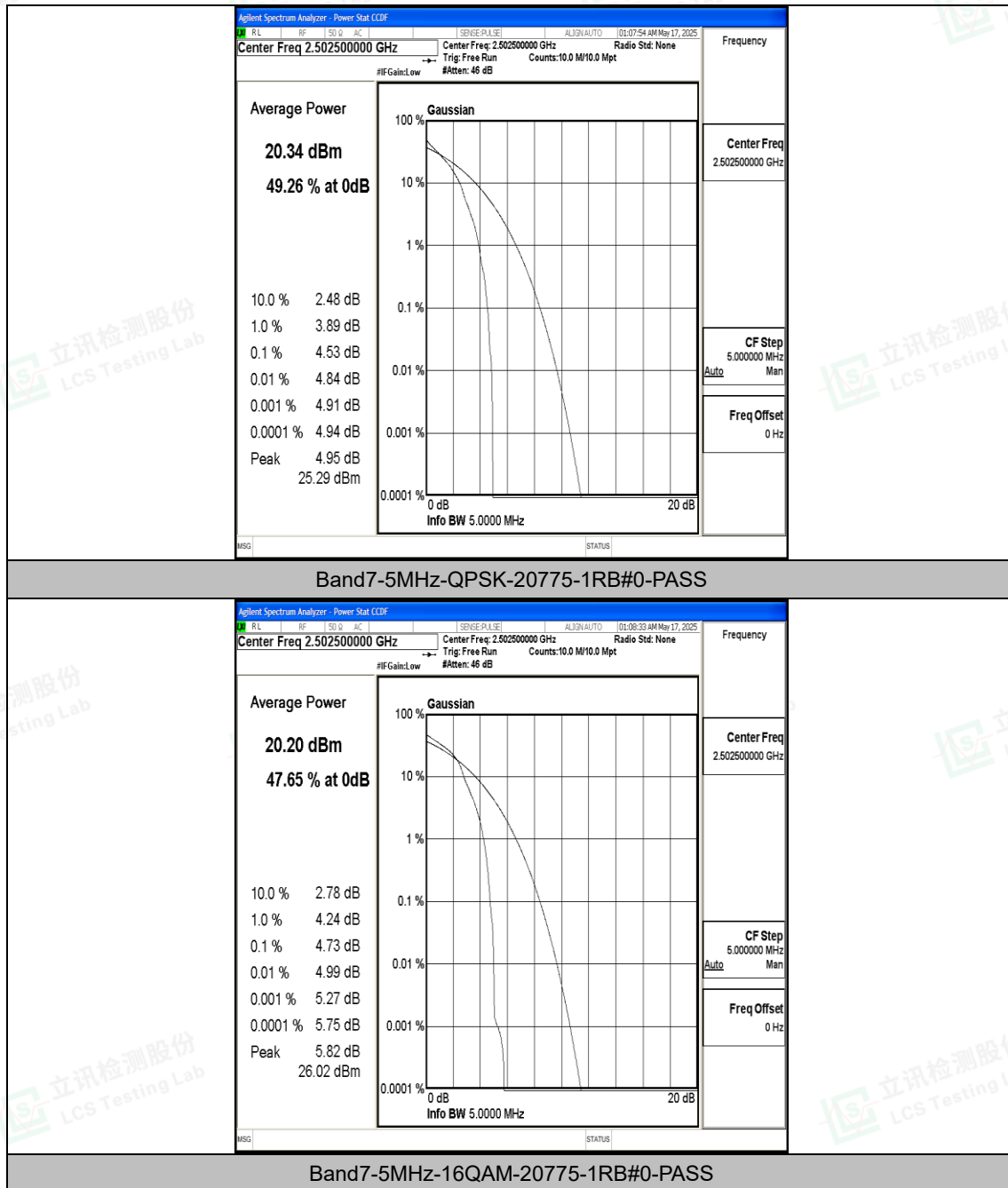


Band7	15MHz	16QAM	21375	75RB#0	5.87	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	4.33	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	4.54	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.17	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.81	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	4.02	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	5.03	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.27	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.00	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	4.56	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	4.96	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.09	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.83	13	PASS





Test Graphs

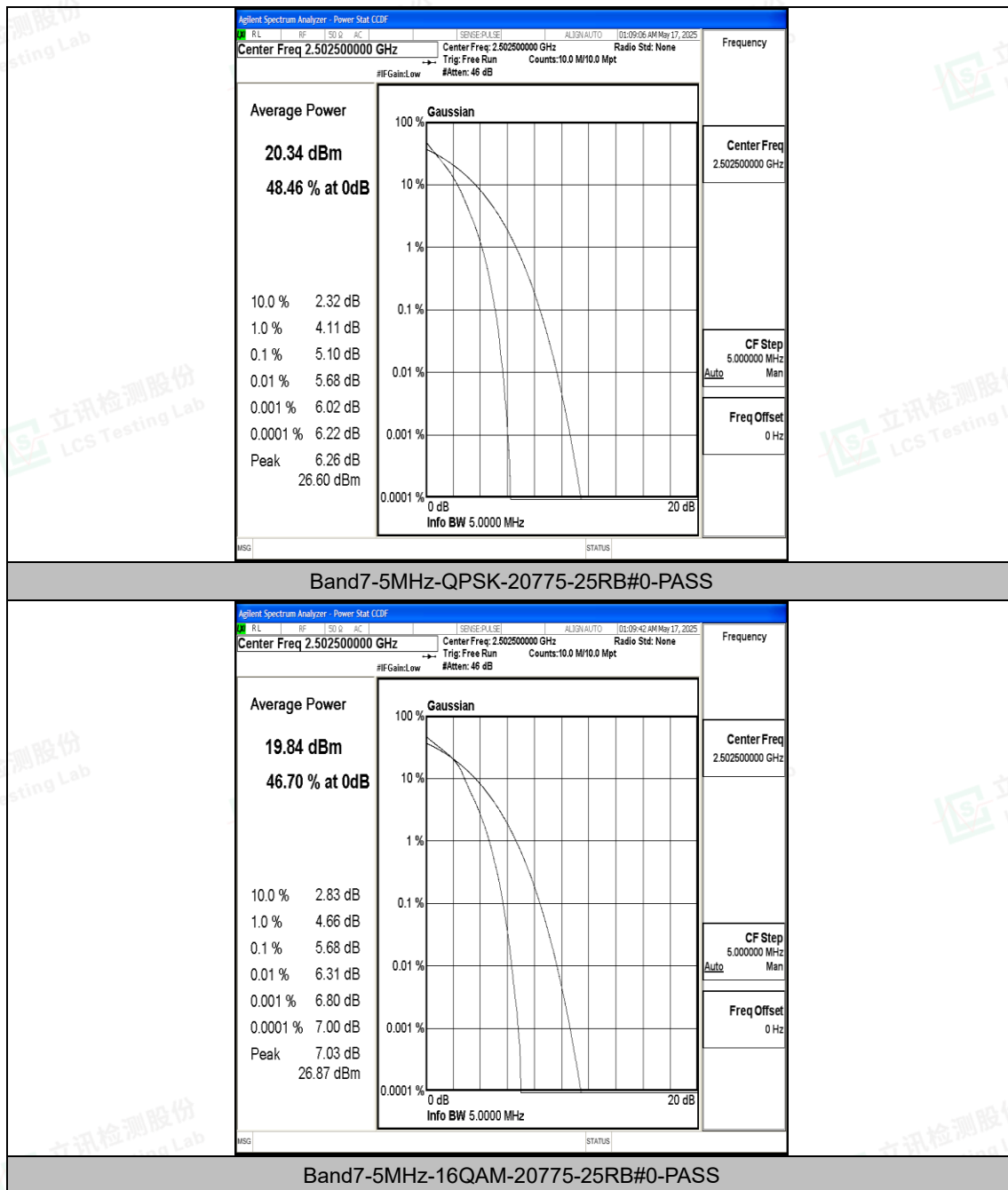


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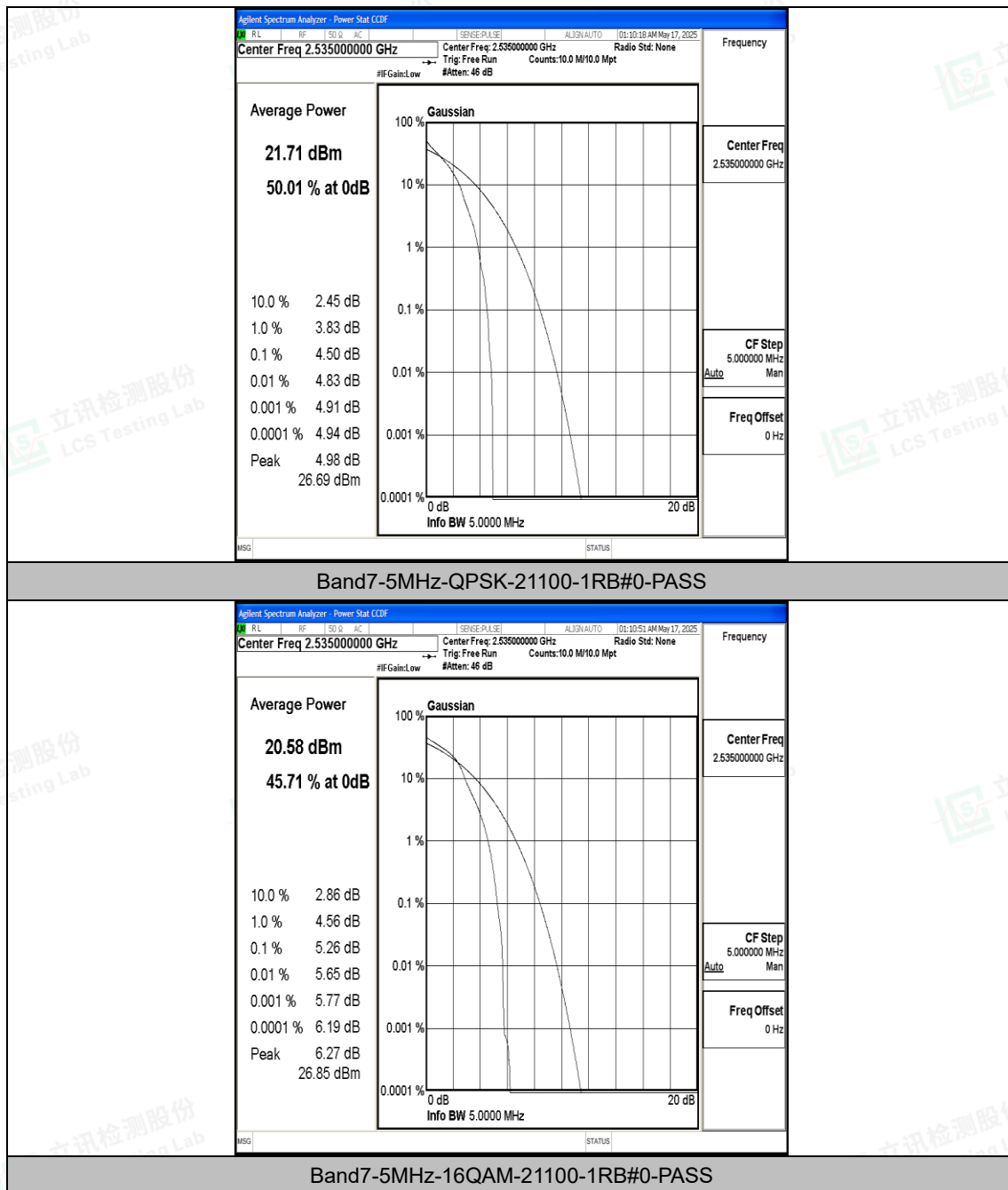


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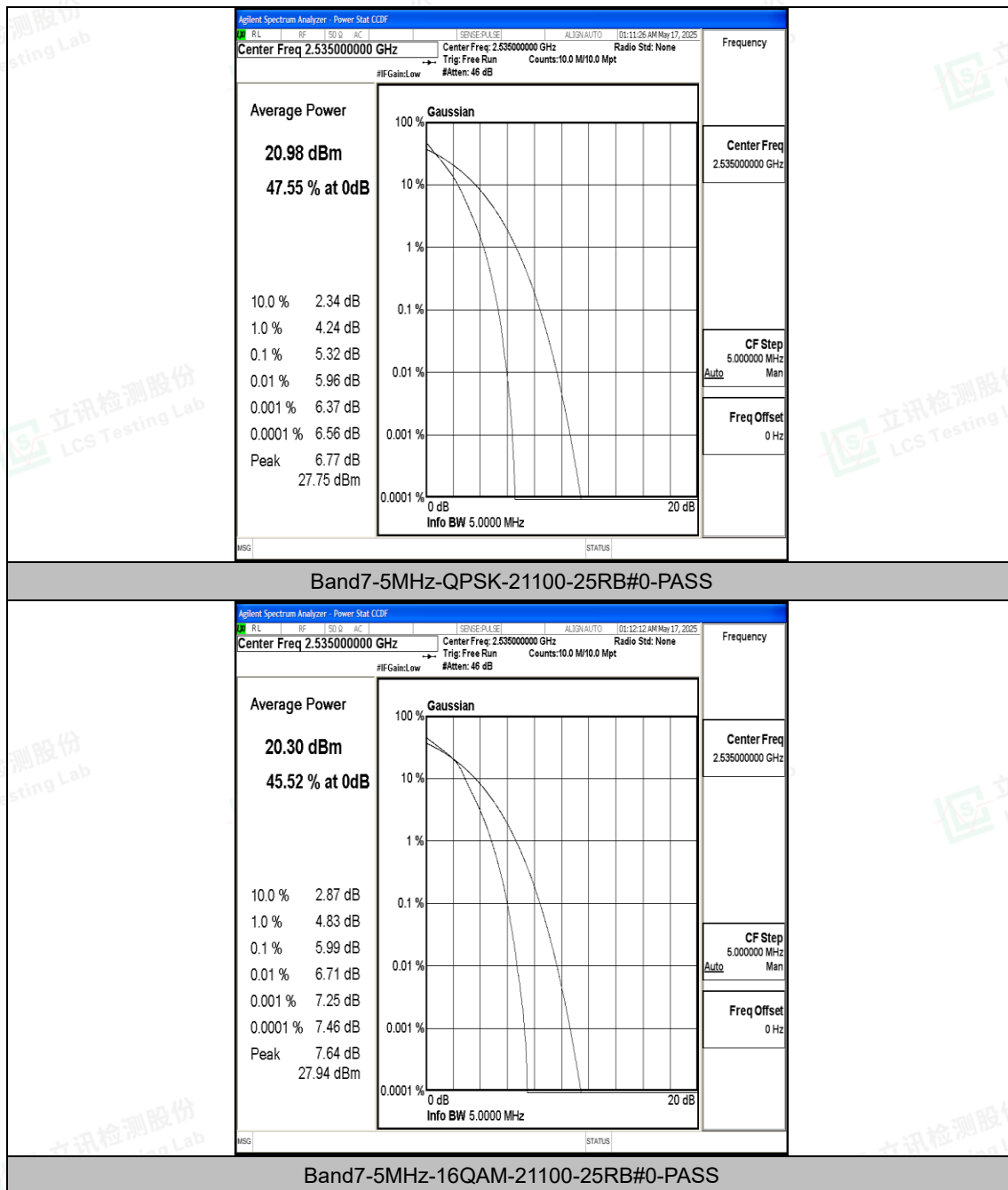


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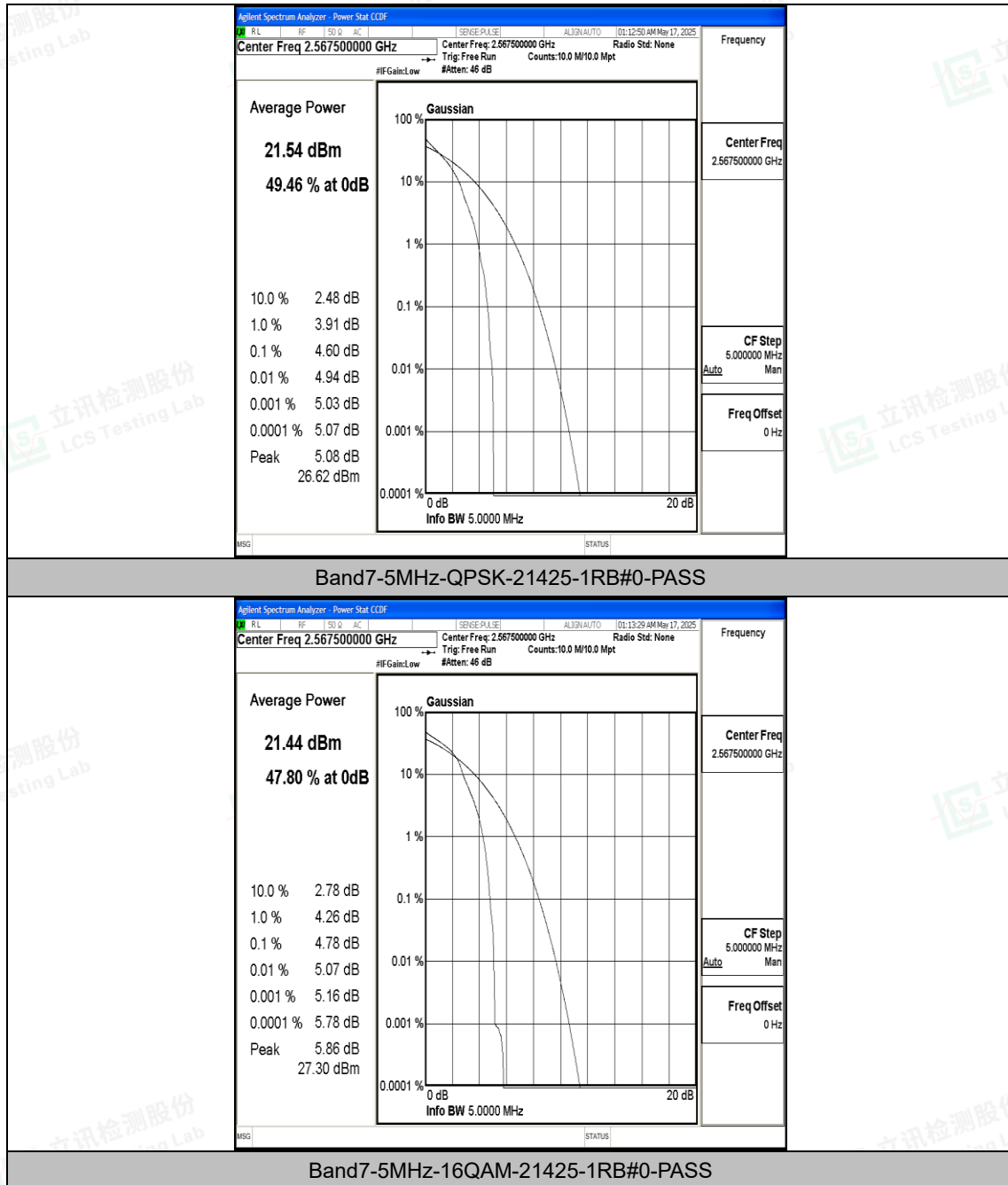


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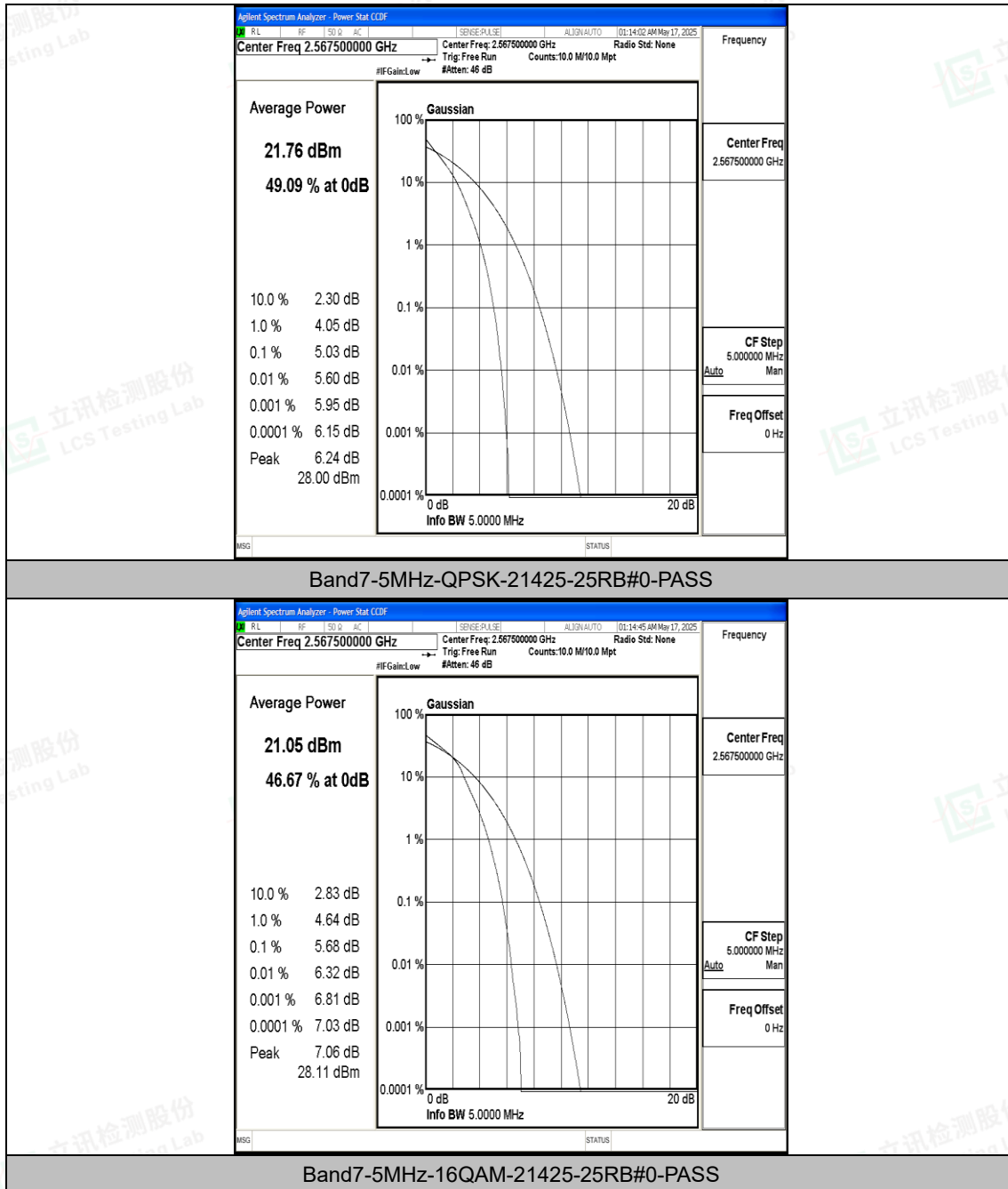


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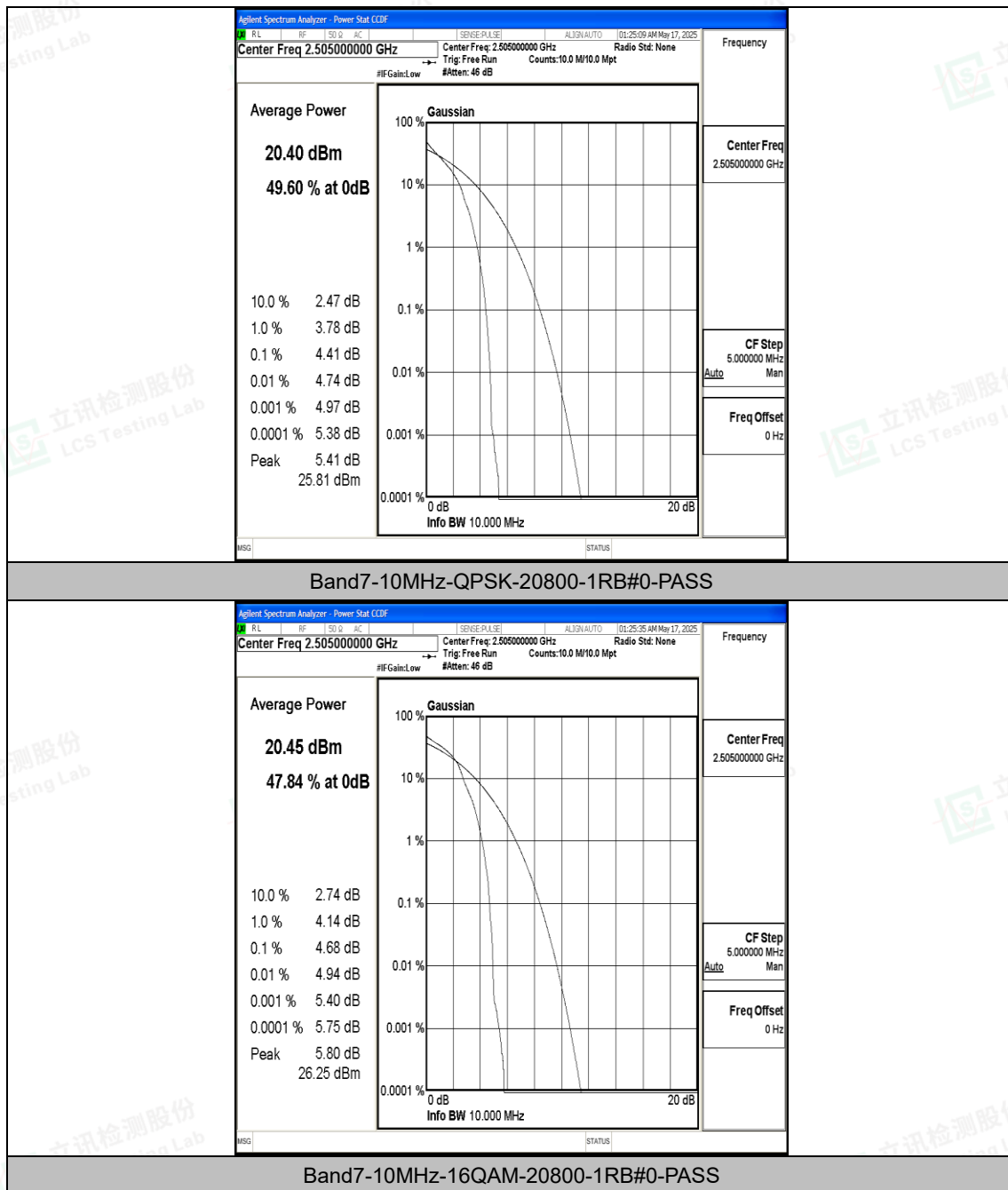


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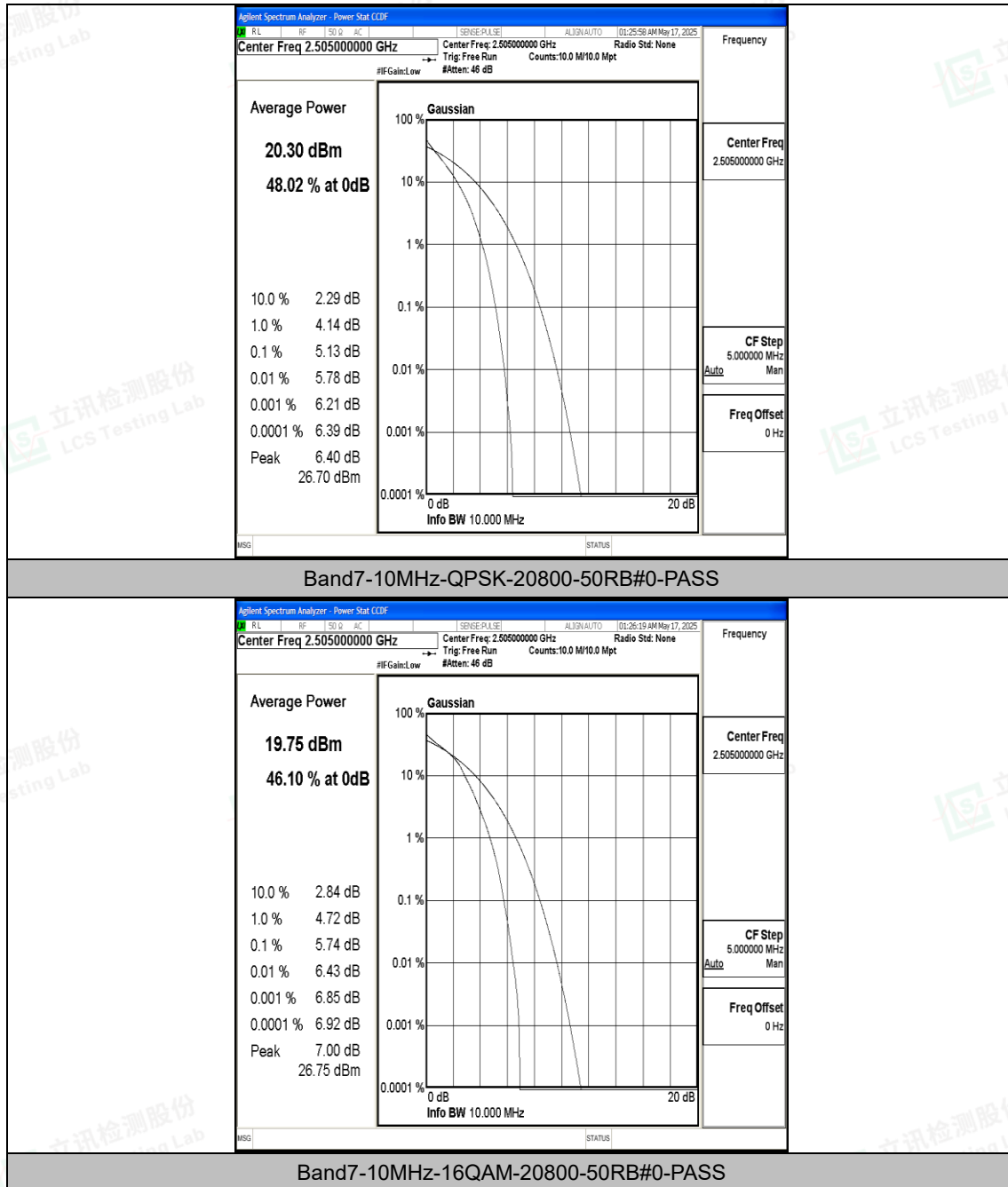


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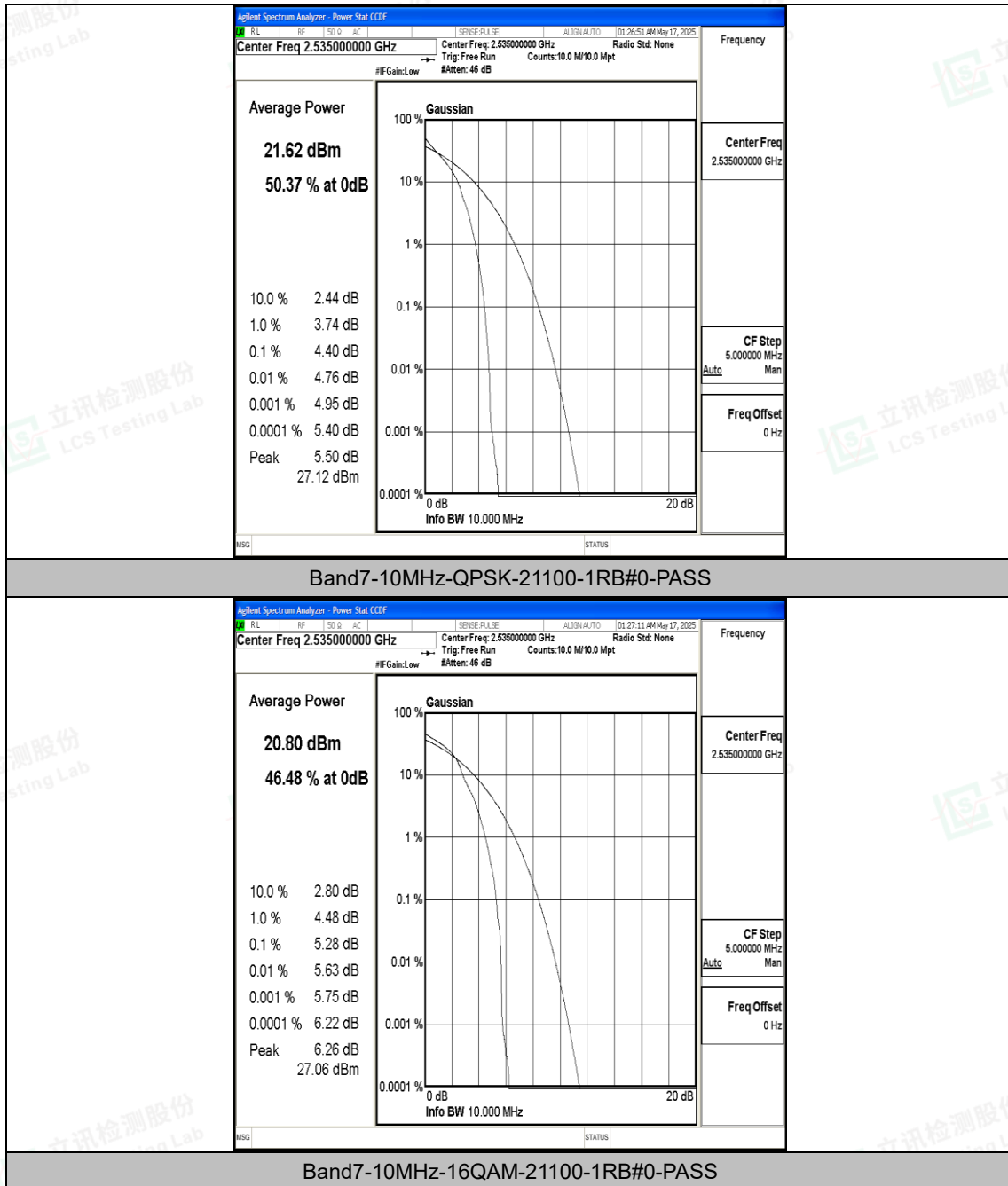


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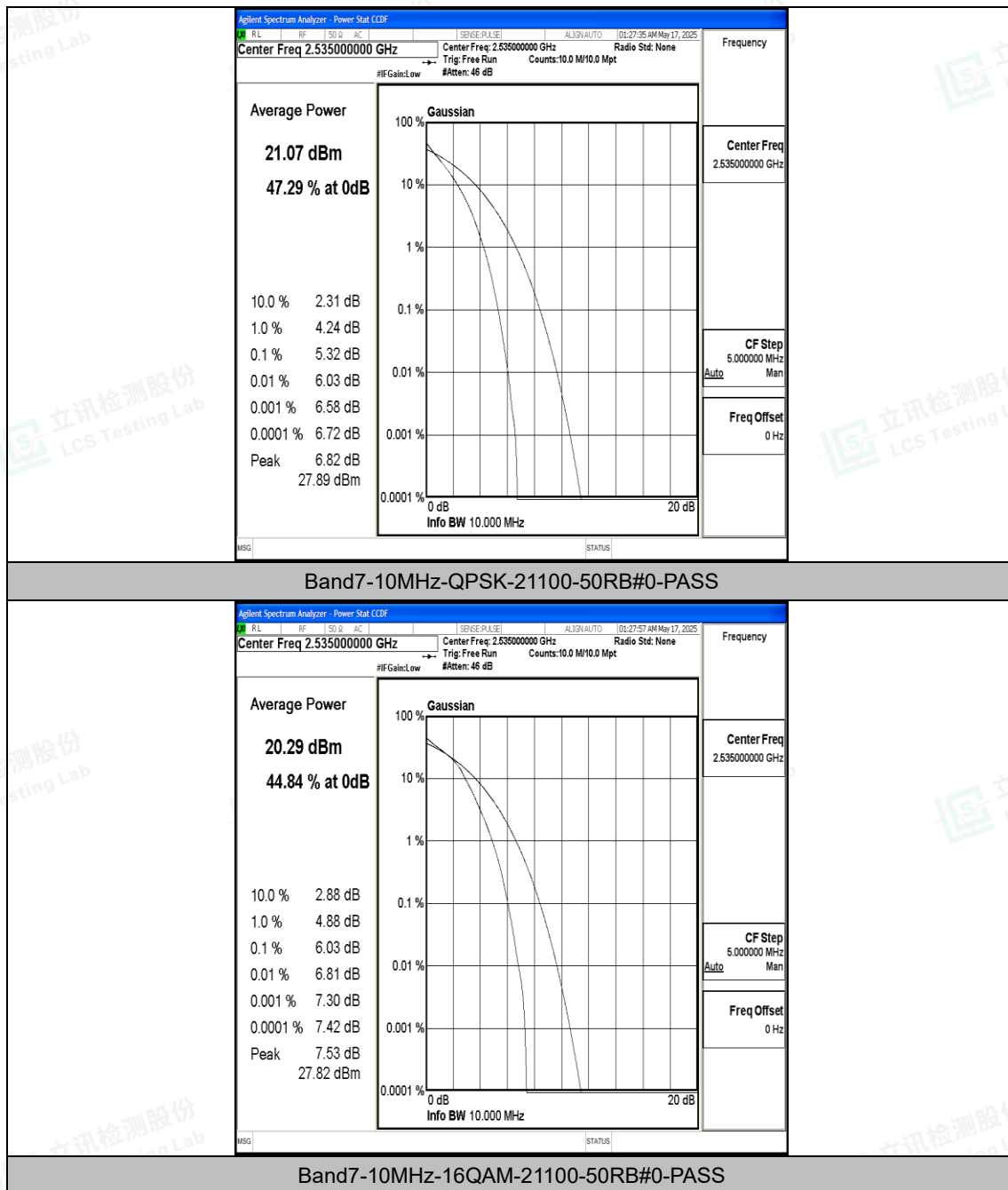


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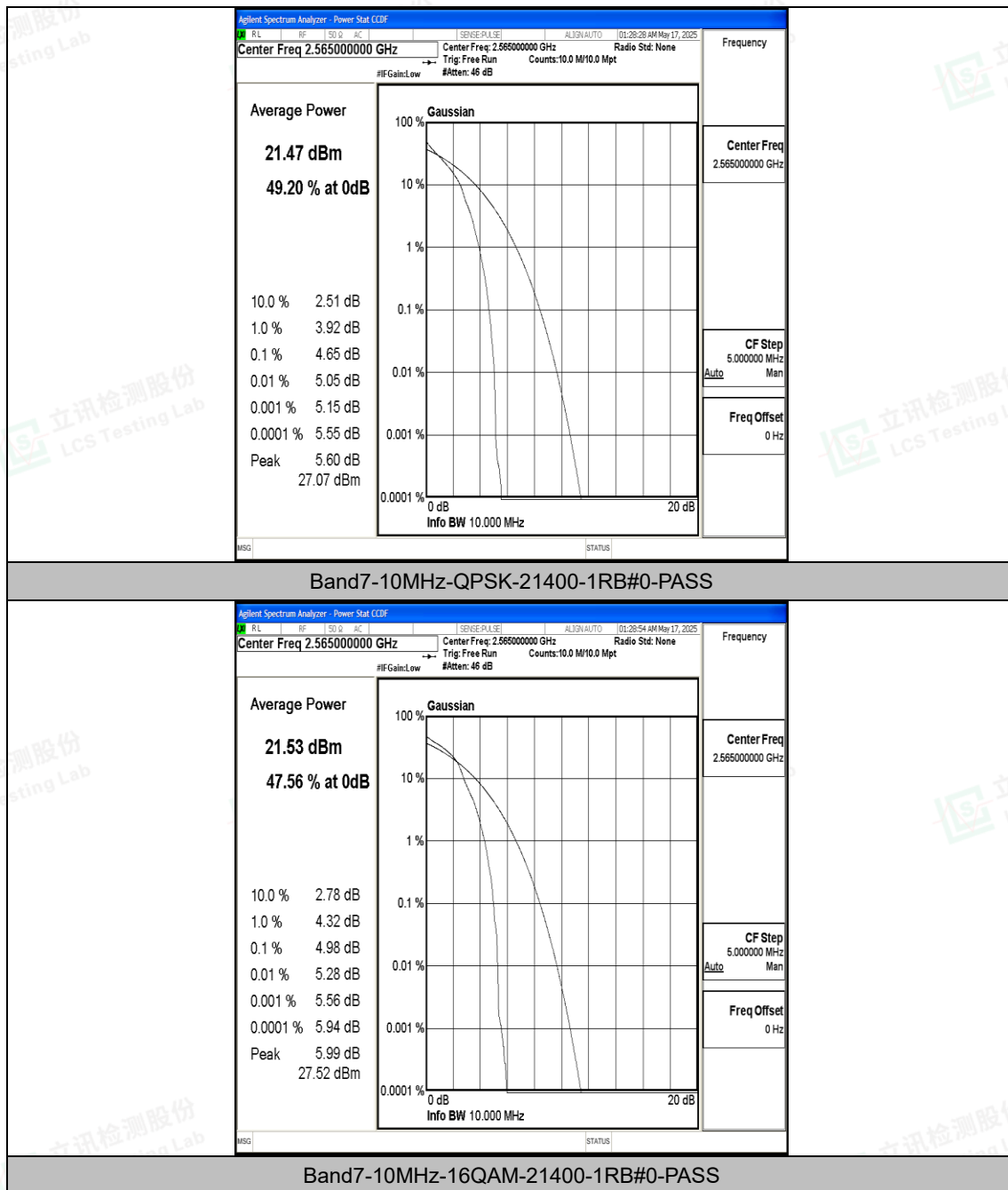


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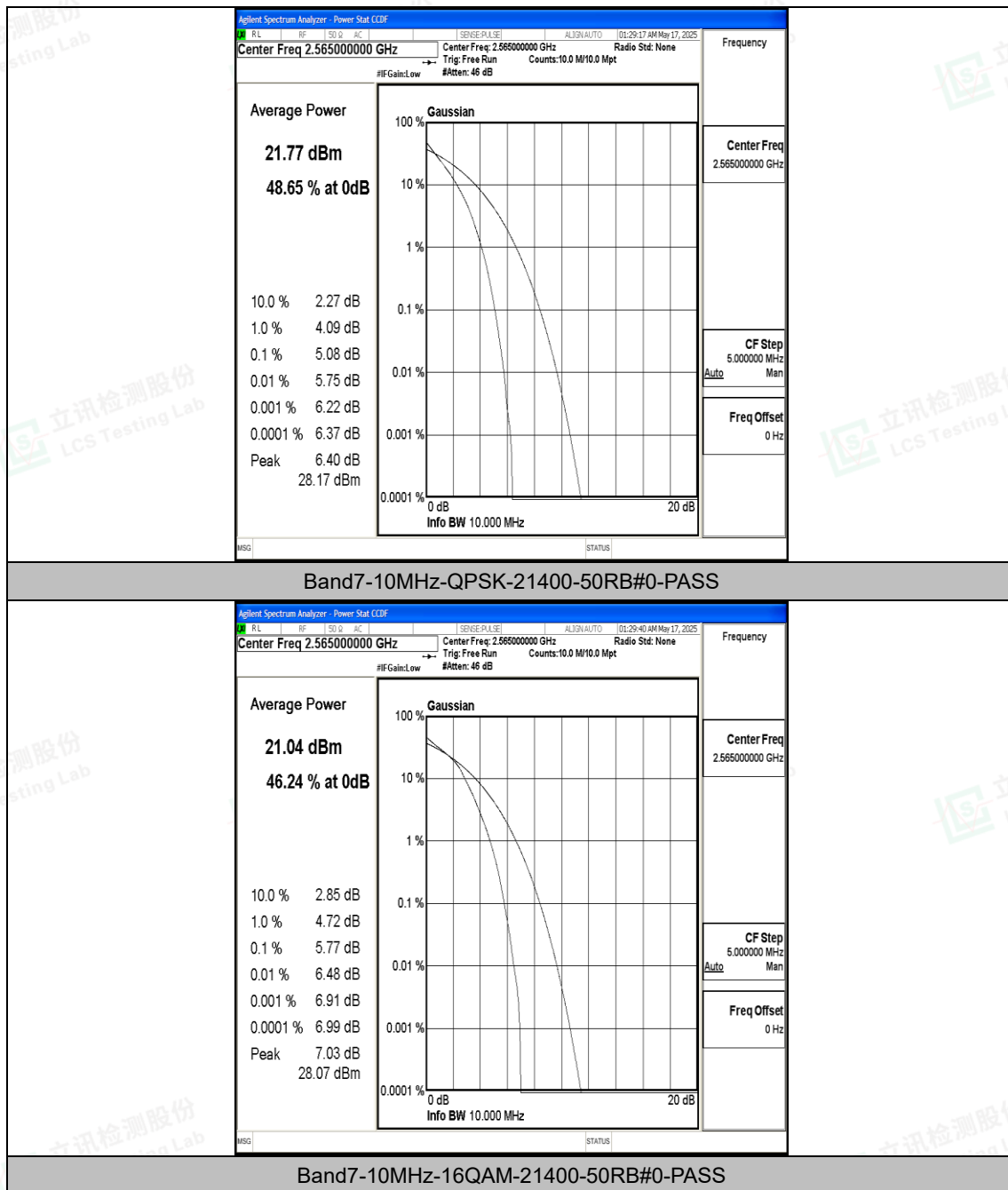


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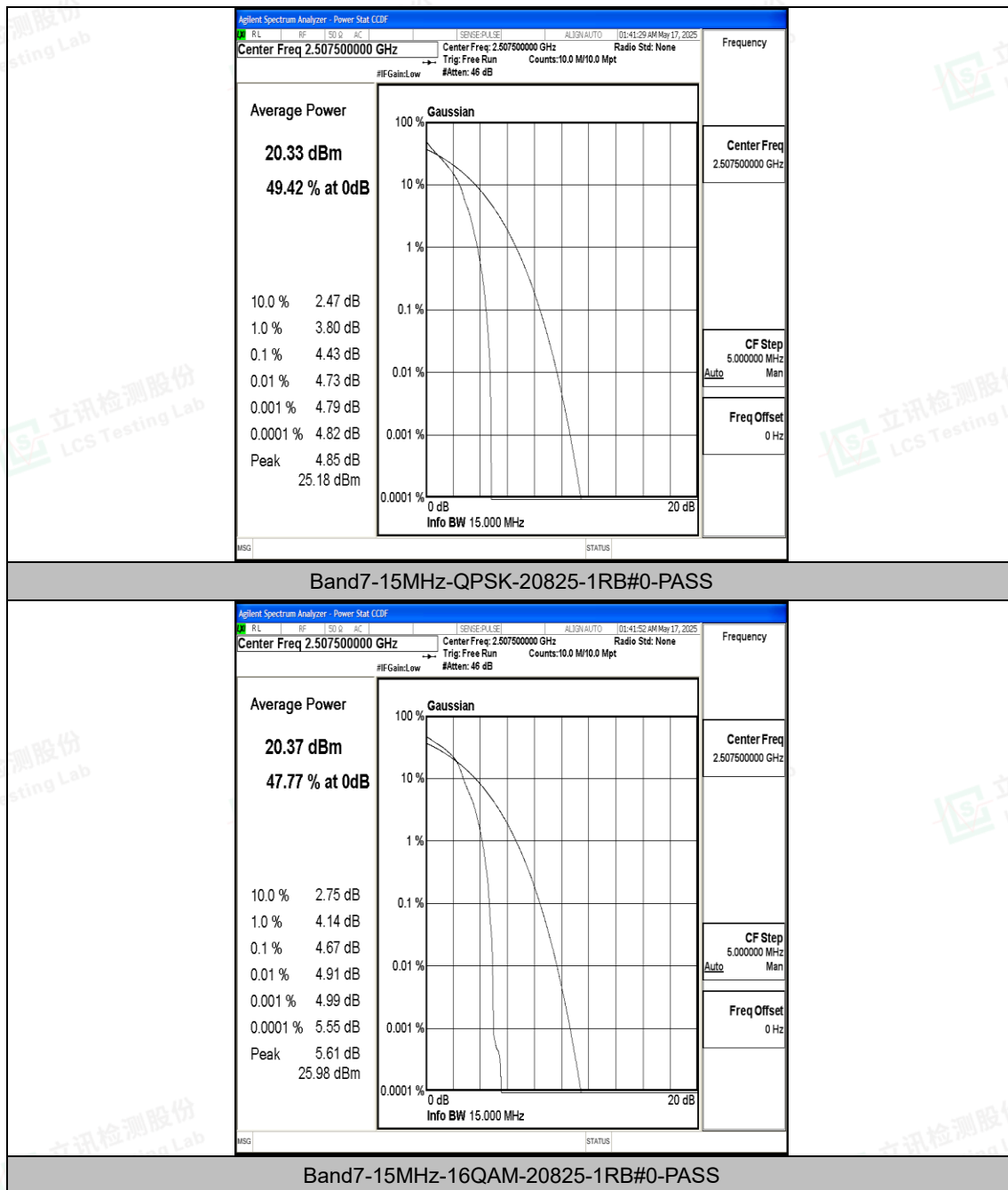


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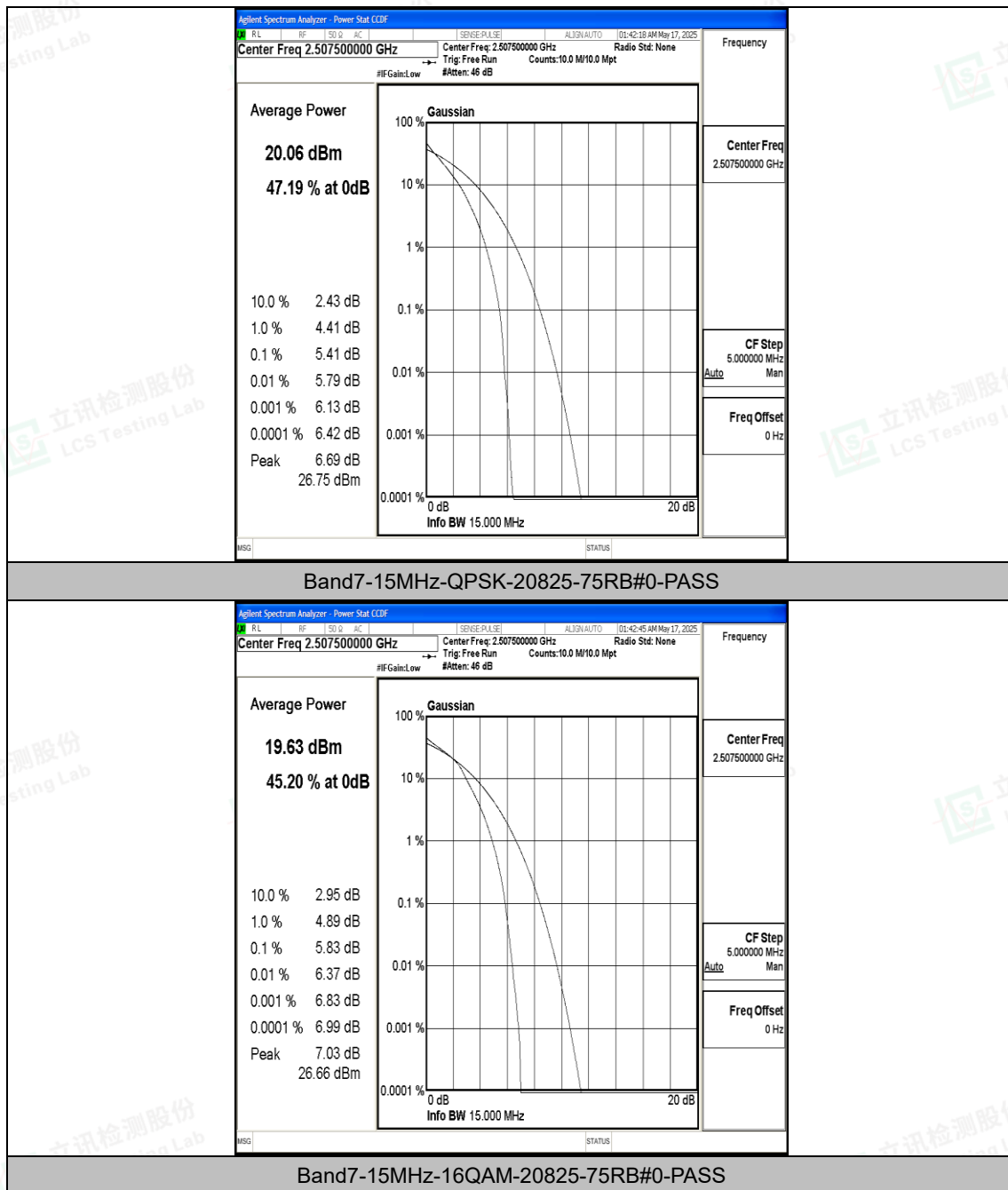


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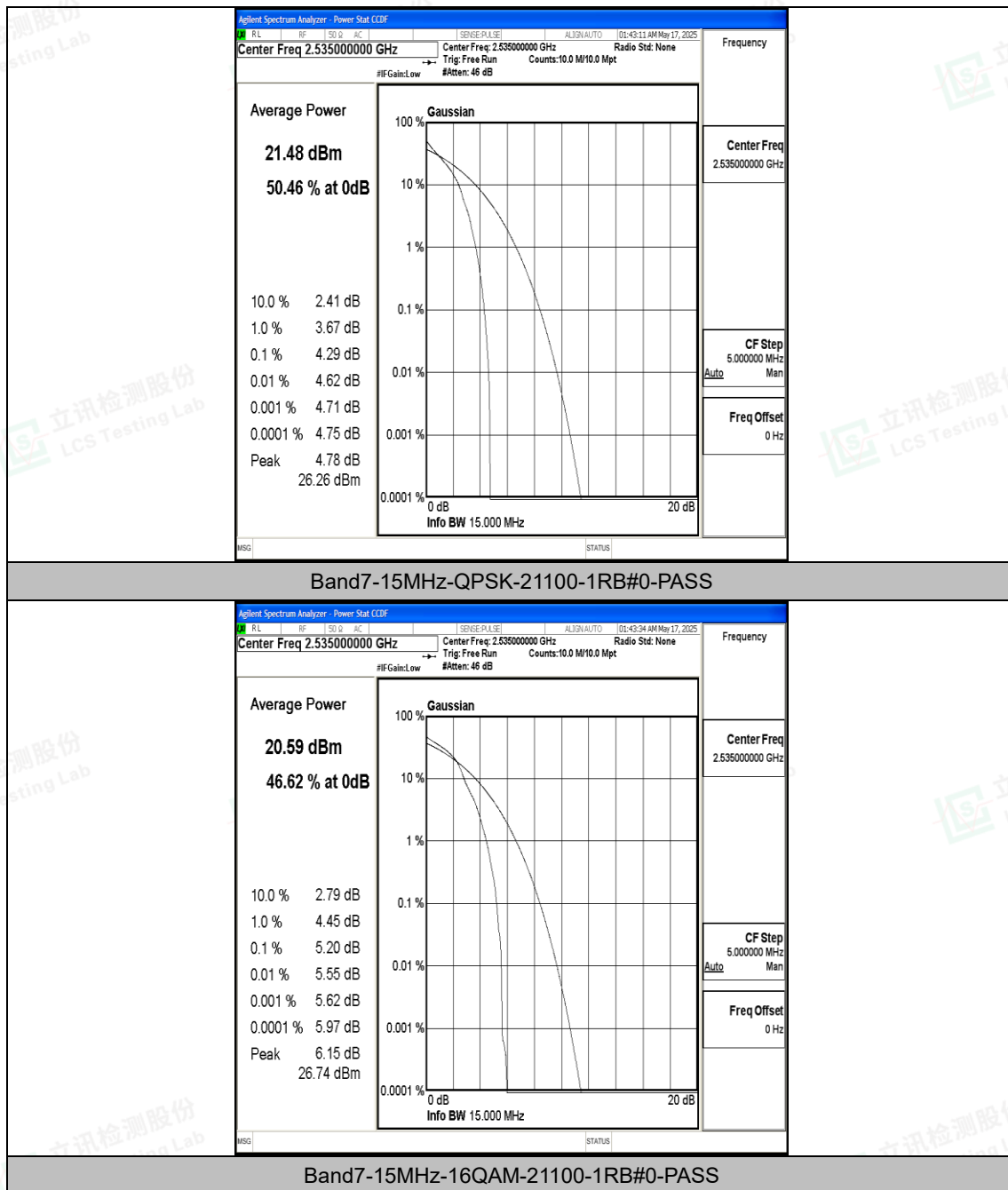


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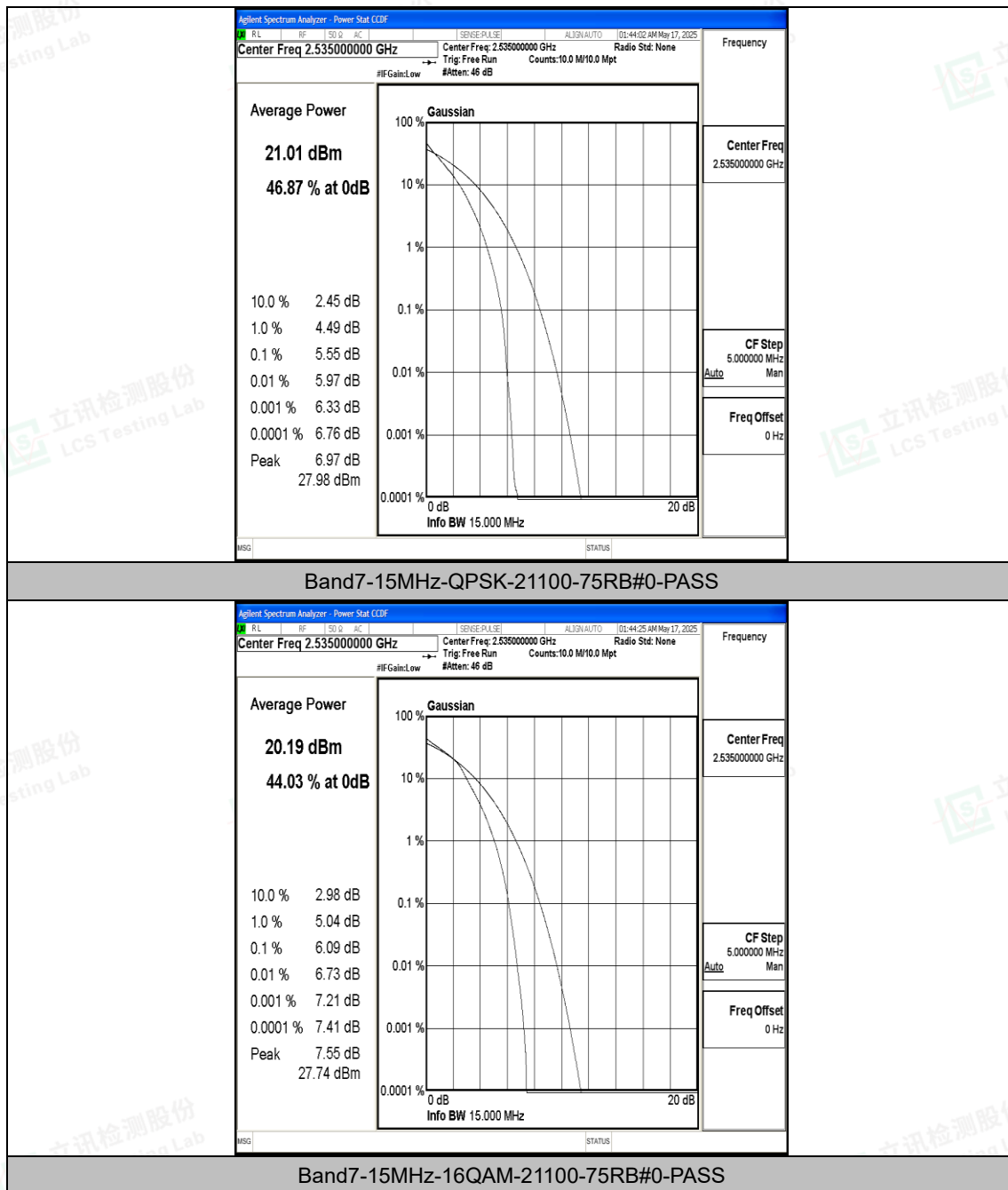


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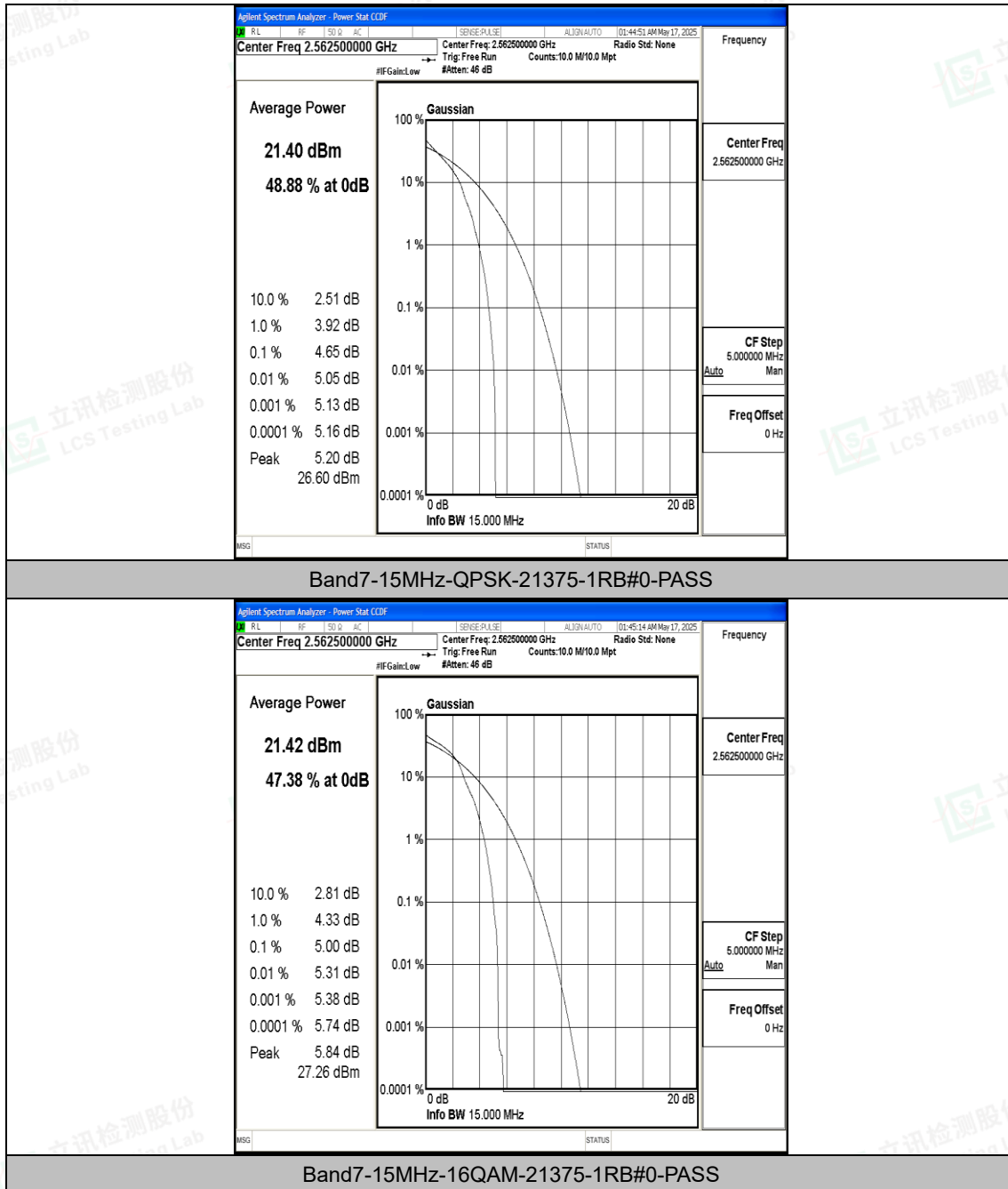


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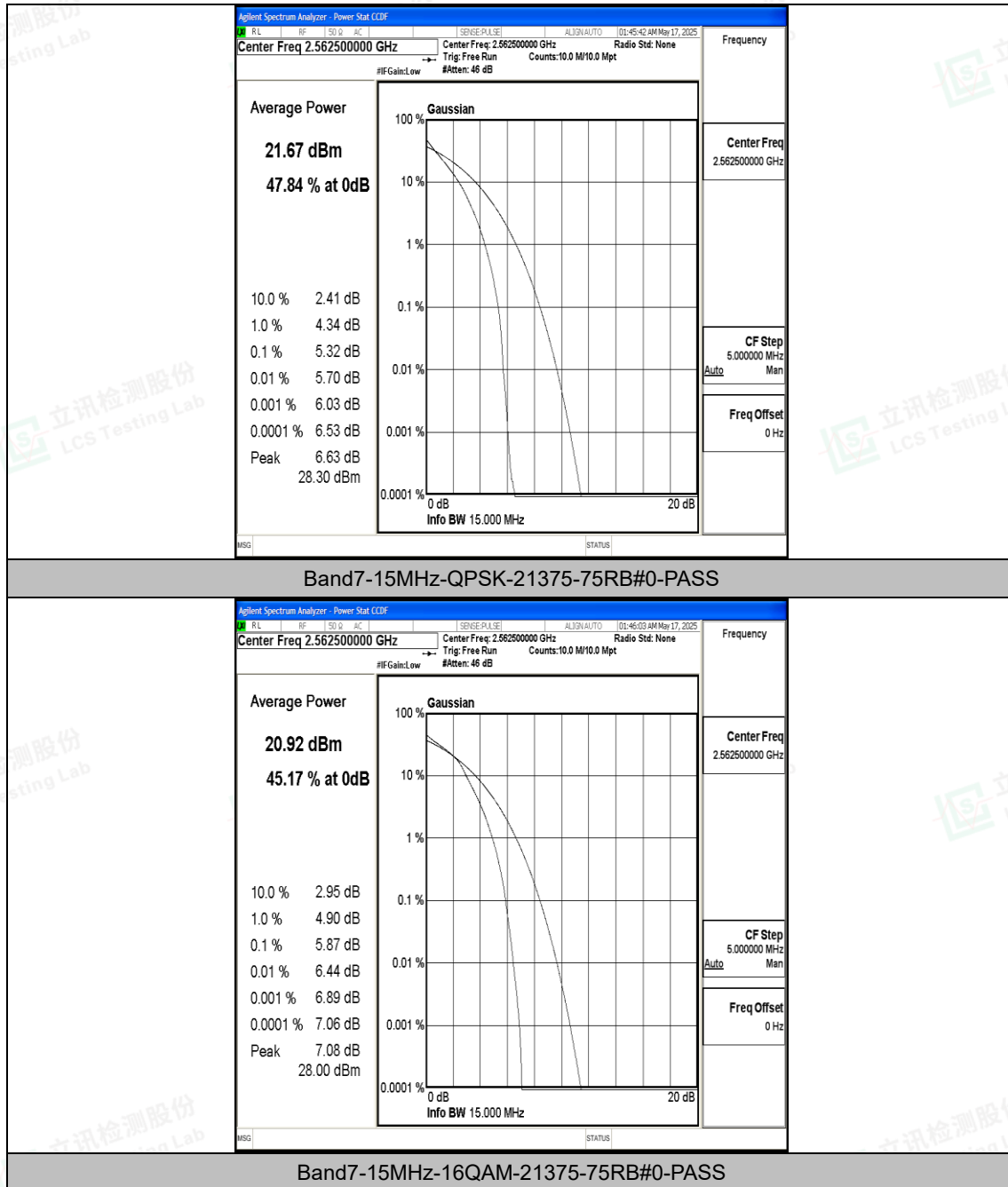


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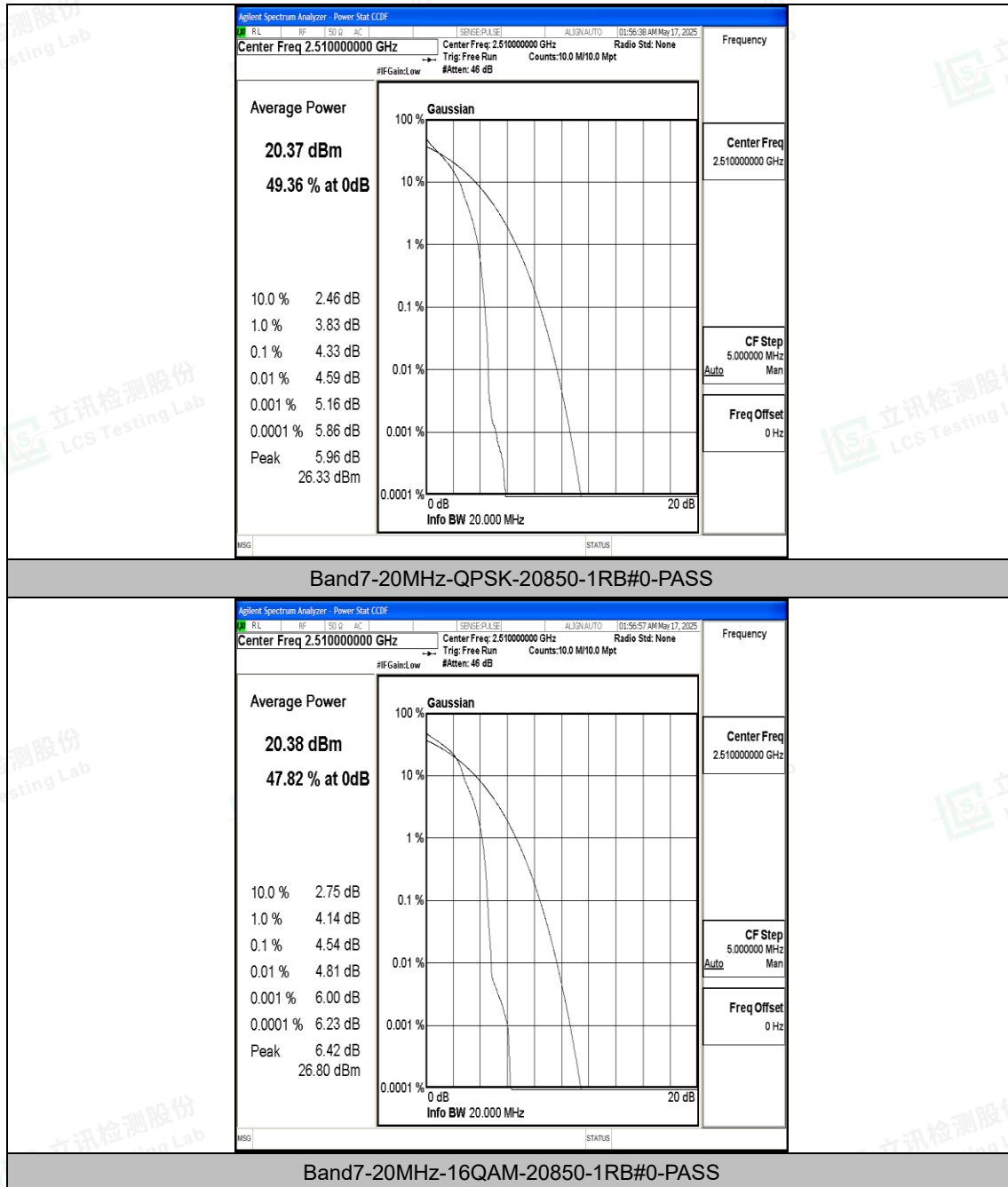


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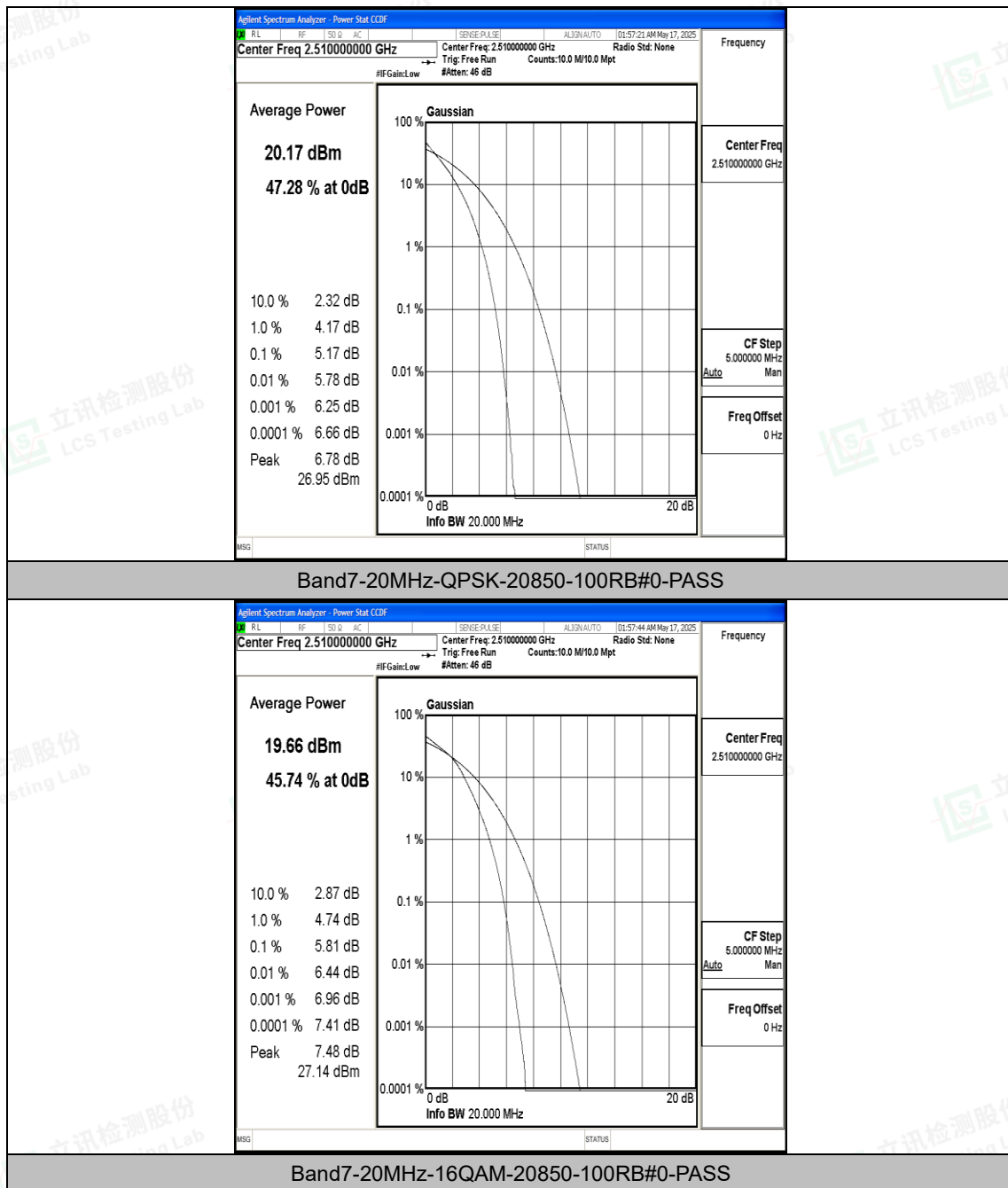


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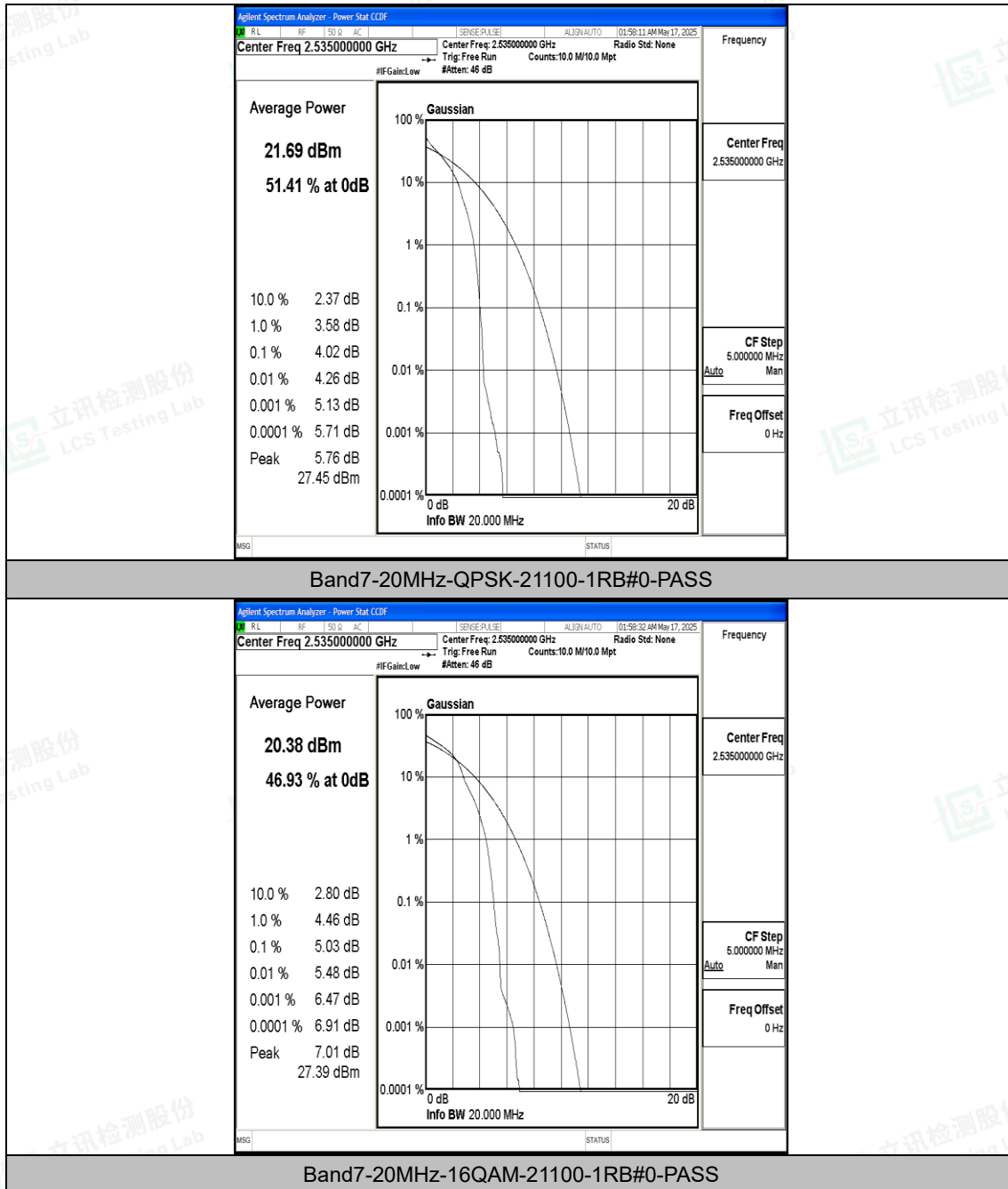


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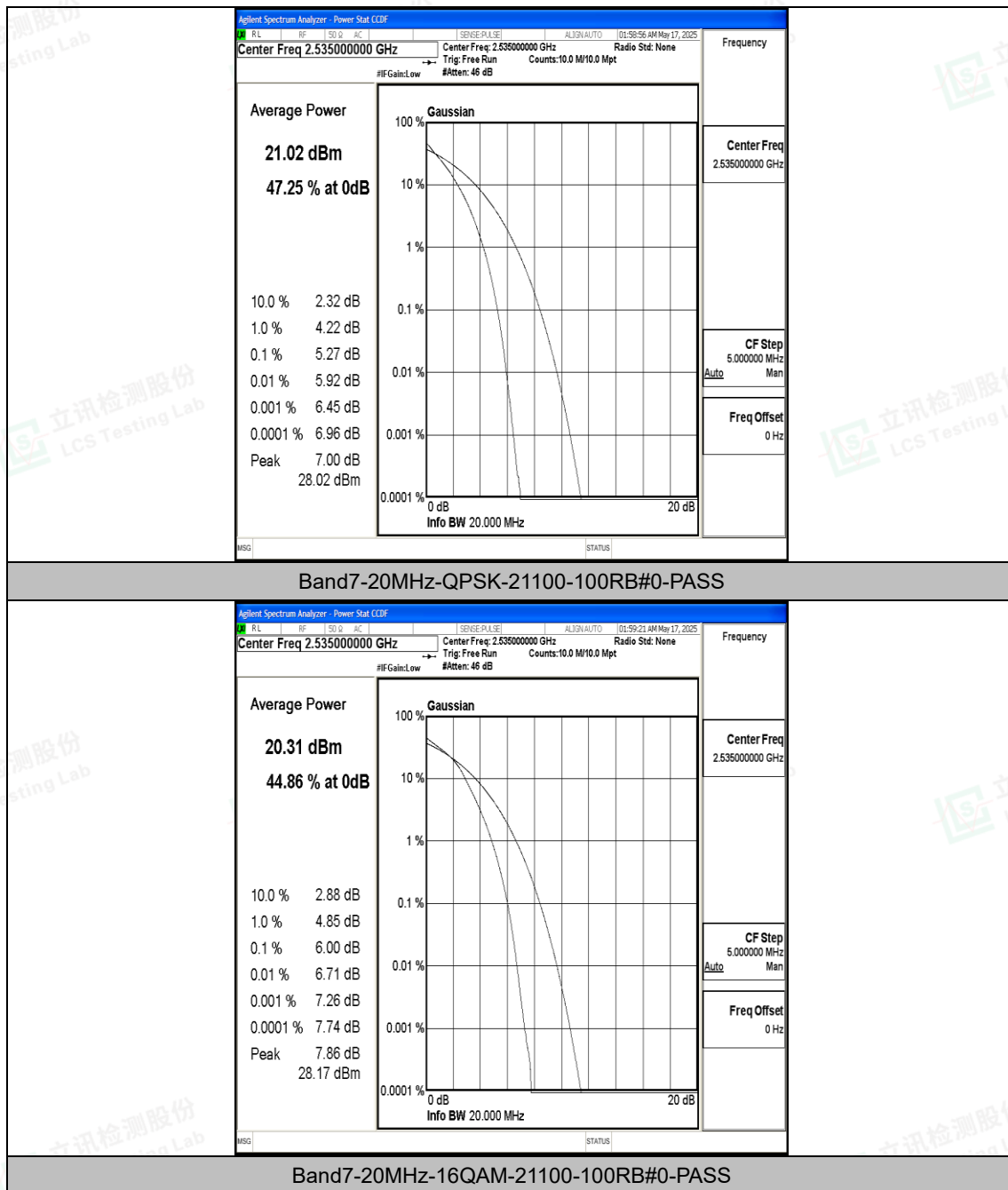


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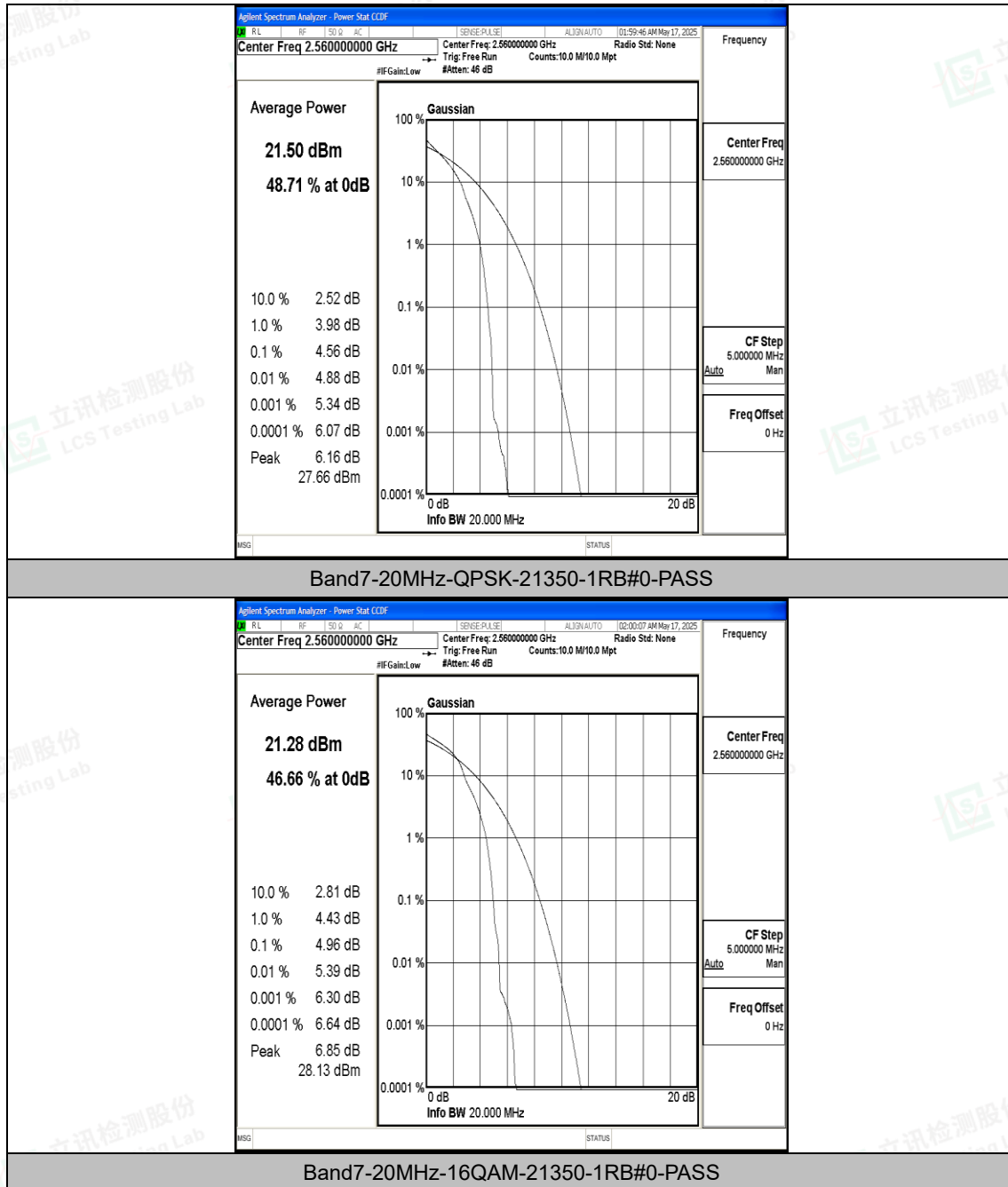


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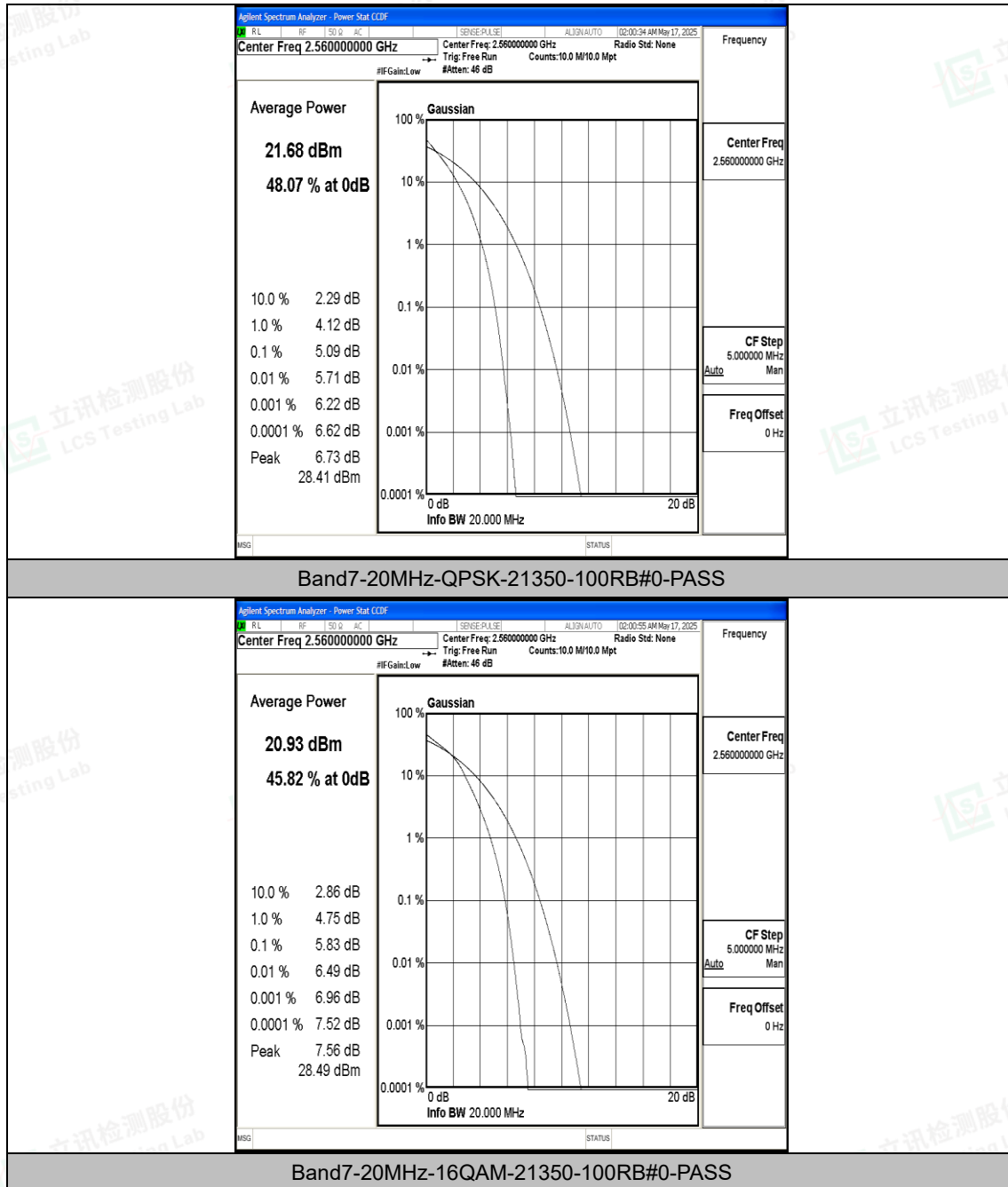


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G.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5251	5.390	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5181	5.257	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5261	5.375	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5243	5.302	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5158	5.452	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5373	5.374	PASS
Band7	10MHz	QPSK	20800	50RB#0	9.0002	10.07	PASS
Band7	10MHz	16QAM	20800	50RB#0	9.0127	10.25	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9928	10.16	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9877	9.984	PASS
Band7	10MHz	QPSK	21400	50RB#0	9.0295	10.32	PASS
Band7	10MHz	16QAM	21400	50RB#0	9.0038	10.49	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.549	15.51	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.527	14.92	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.495	15.36	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.487	14.98	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.507	15.87	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.507	15.03	PASS
Band7	20MHz	QPSK	20850	100RB#0	18.025	20.05	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.018	20.28	PASS
Band7	20MHz	QPSK	21100	100RB#0	18.023	19.95	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.012	19.86	PASS
Band7	20MHz	QPSK	21350	100RB#0	18.053	20.19	PASS
Band7	20MHz	16QAM	21350	100RB#0	18.035	20.36	PASS



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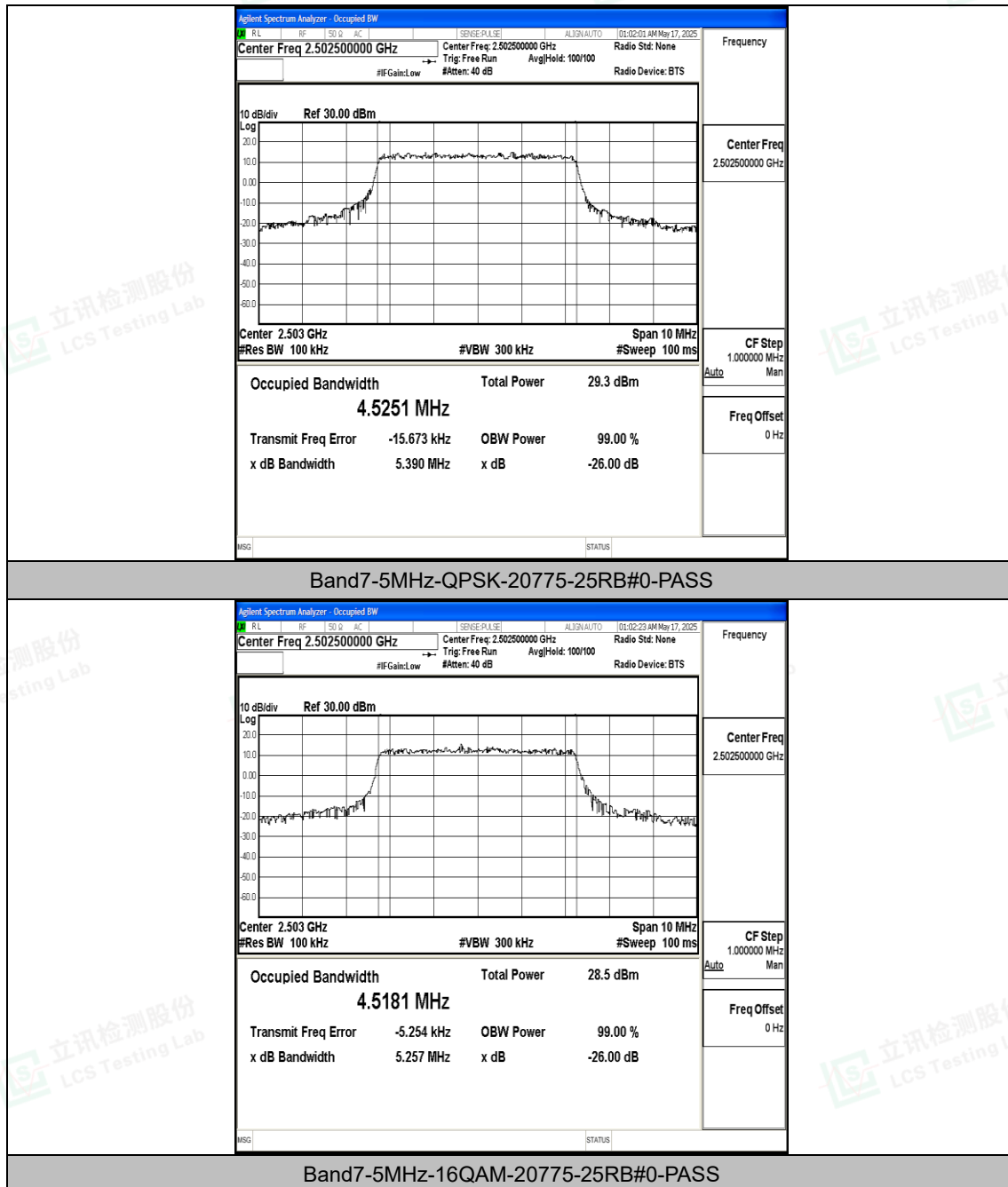
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Test Graphs

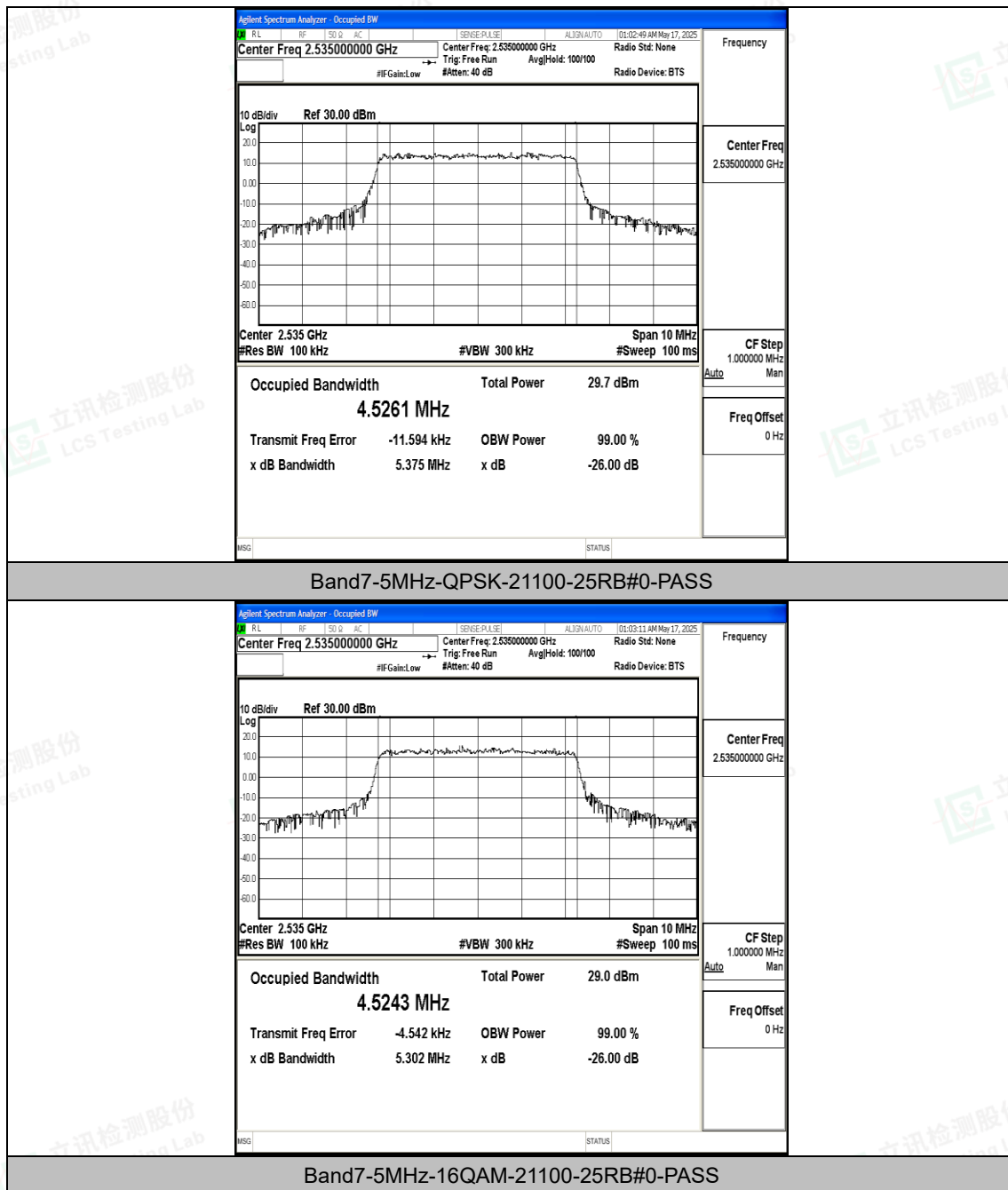


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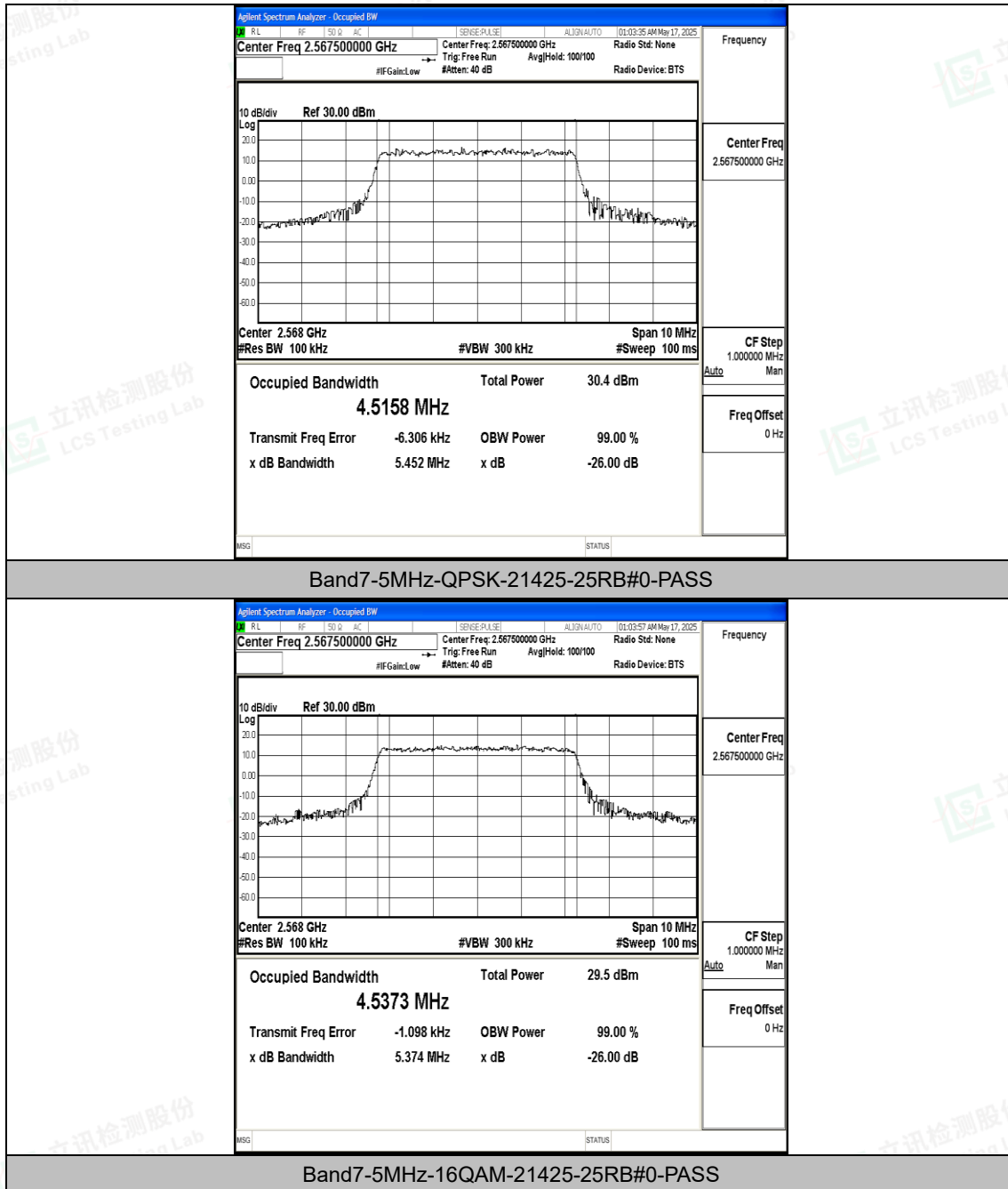


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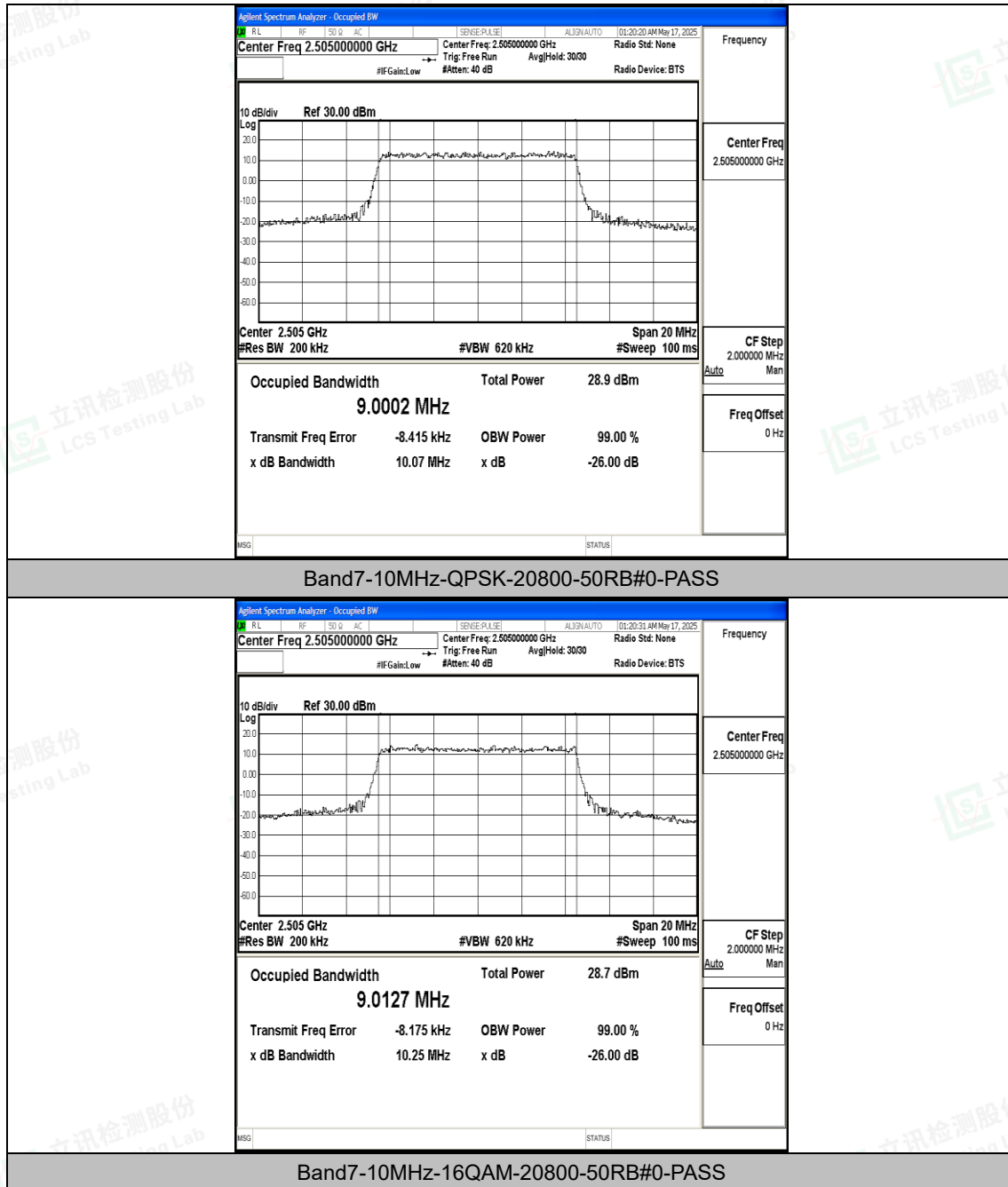


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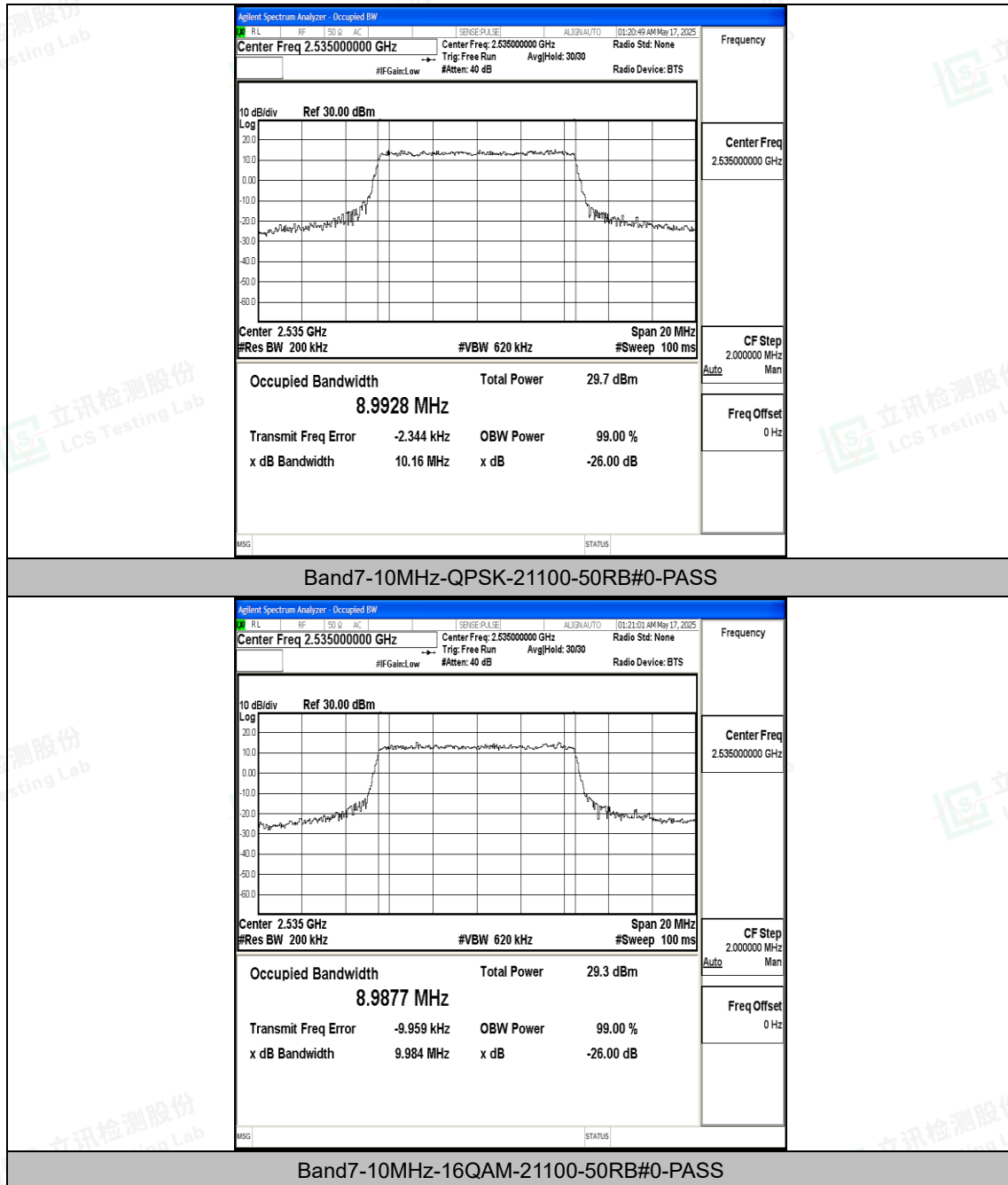


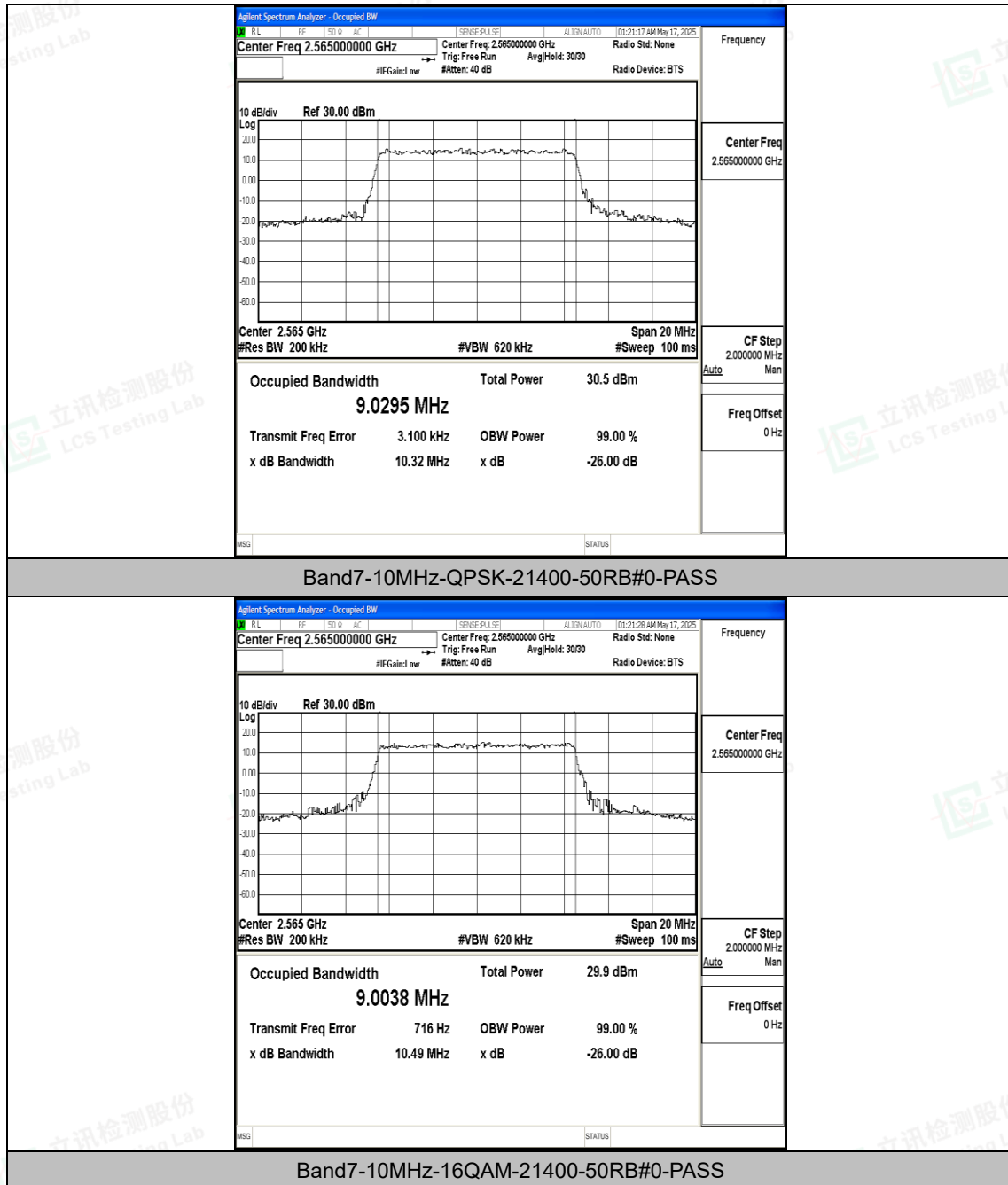
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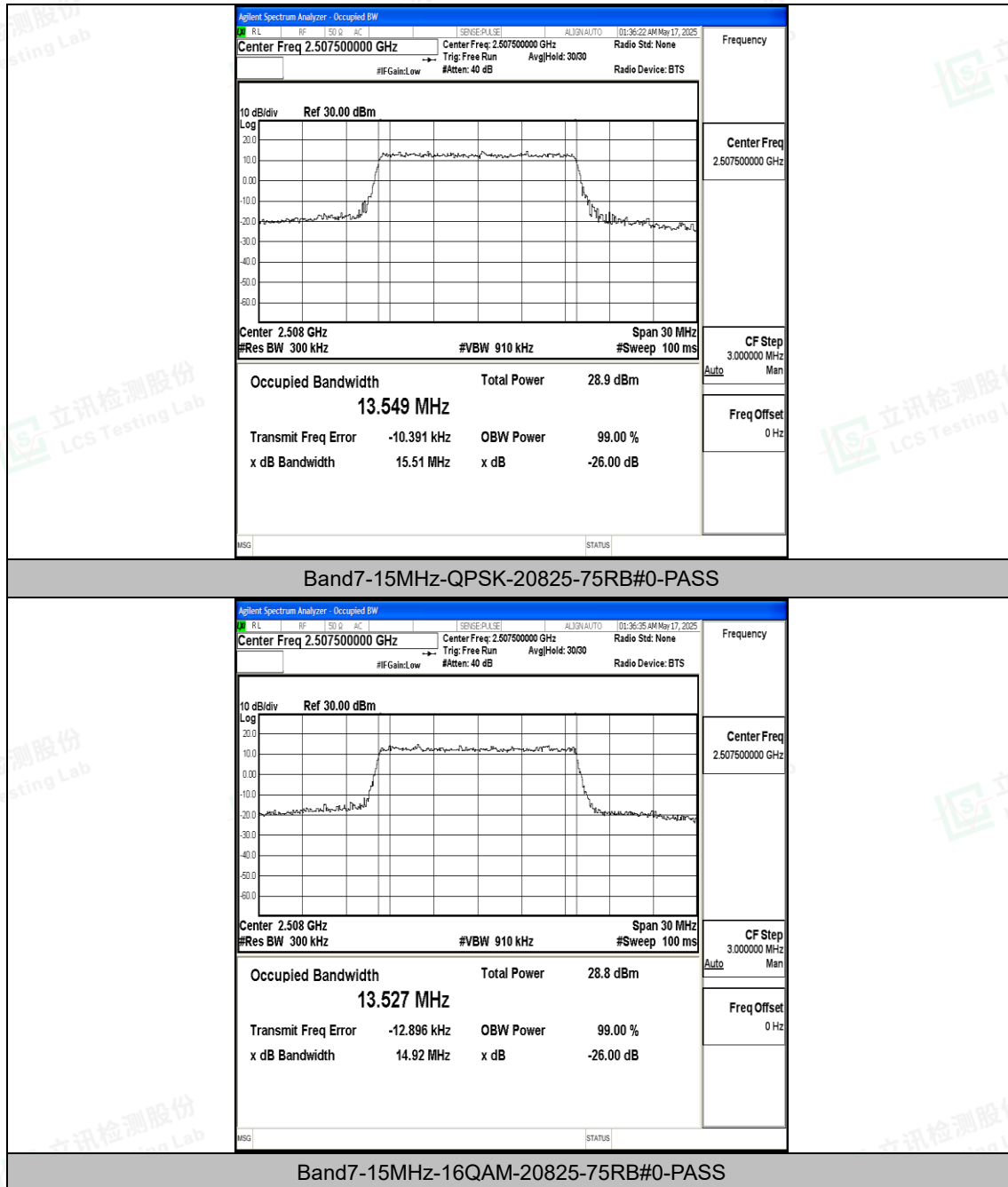


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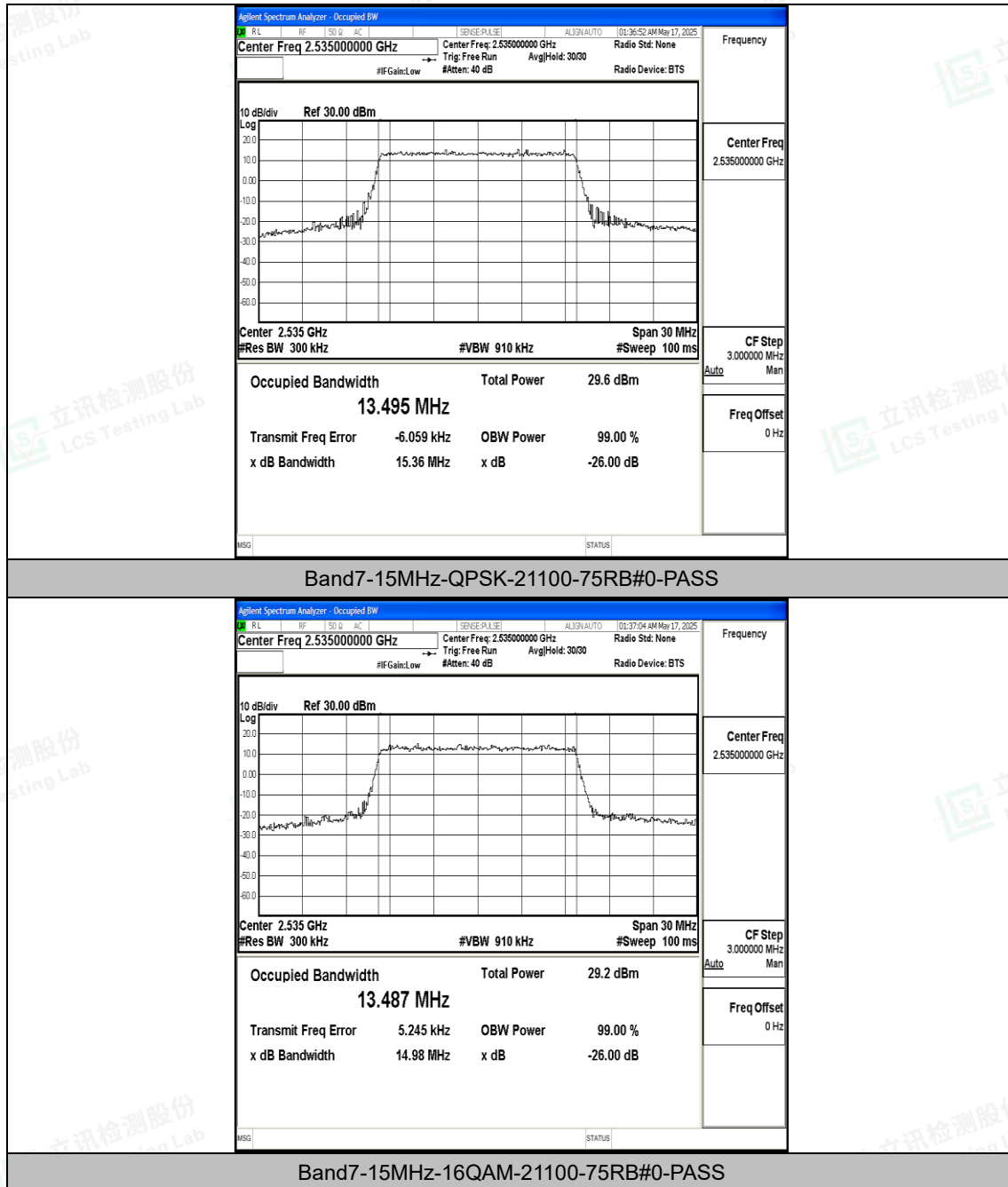


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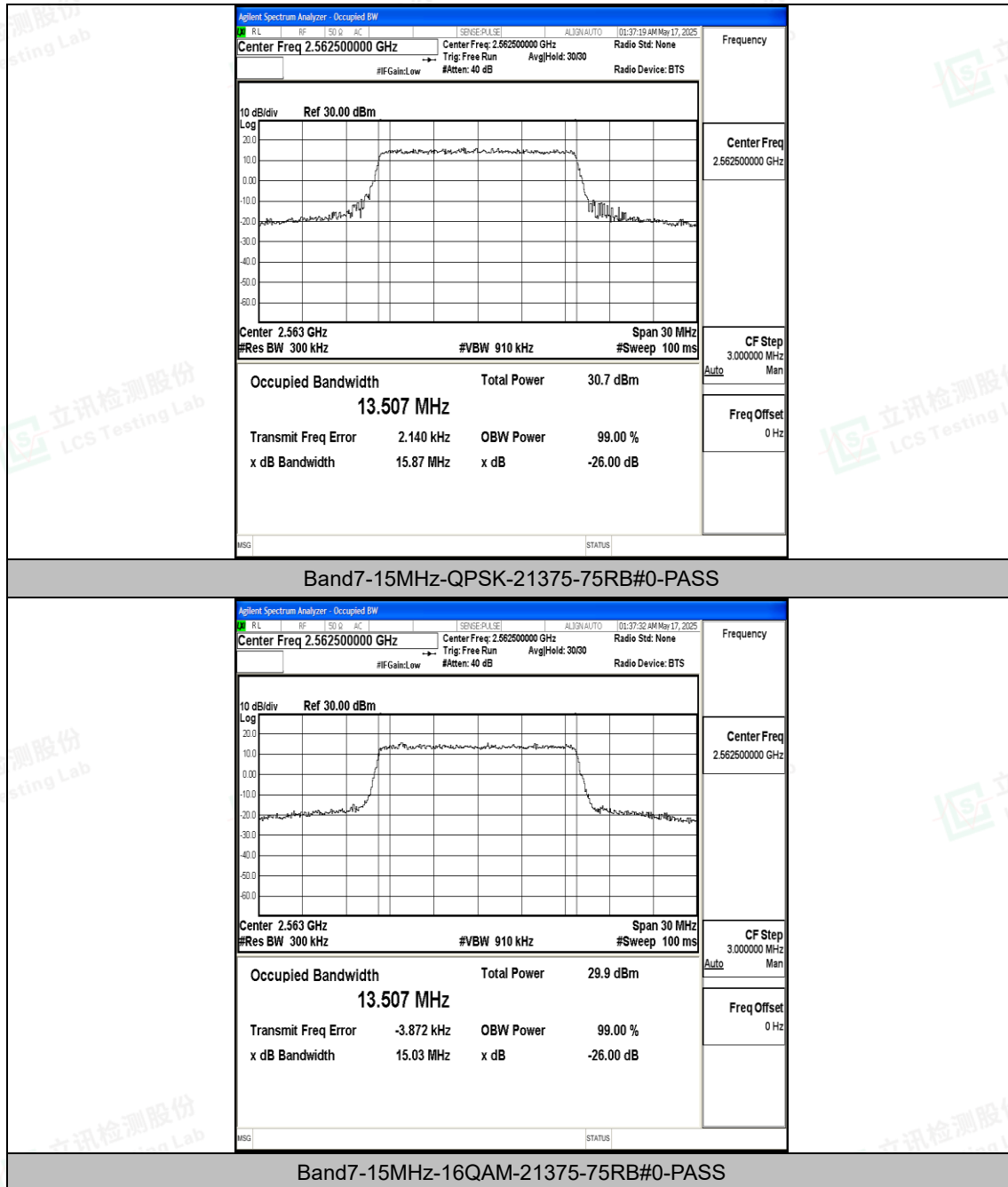


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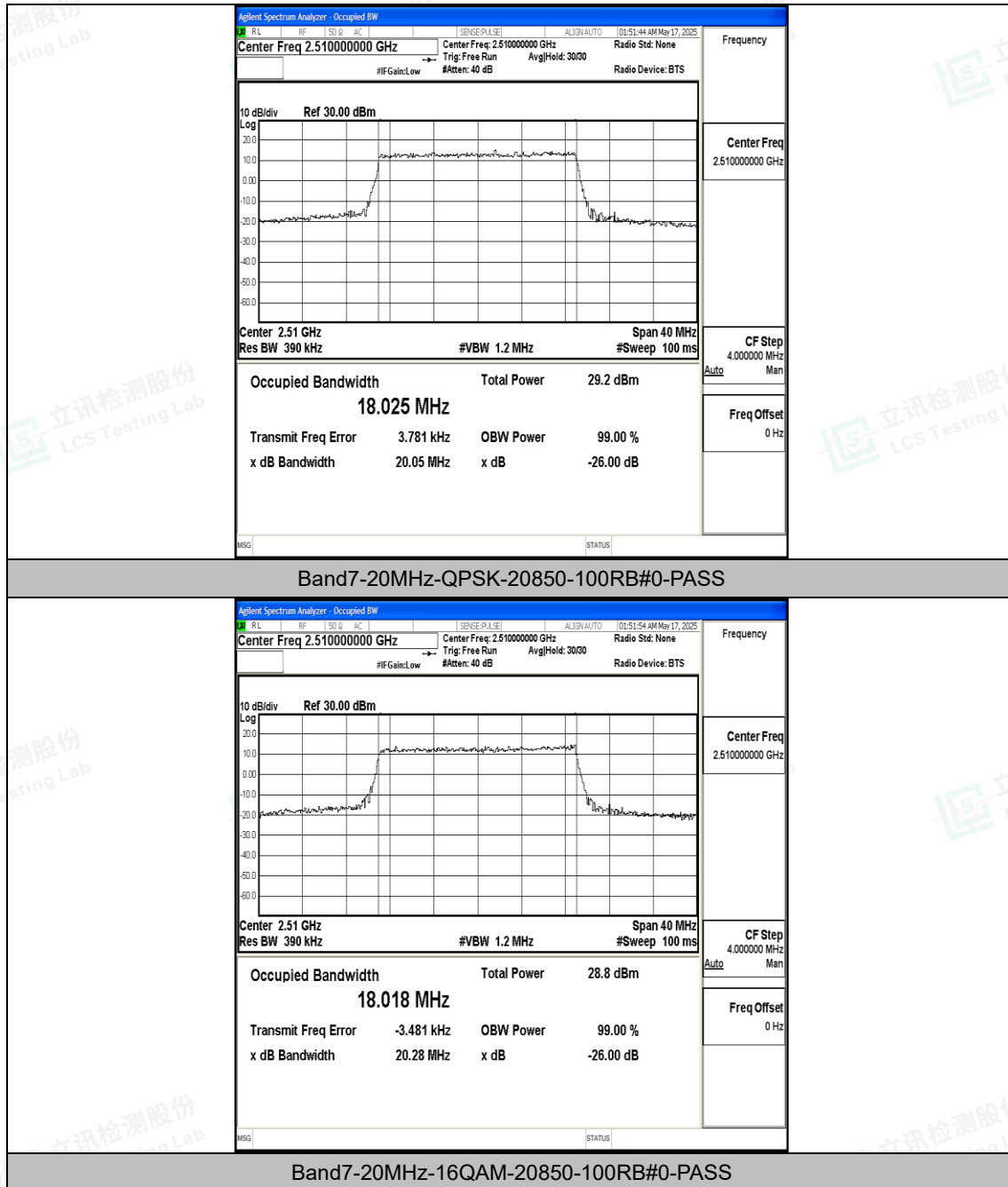


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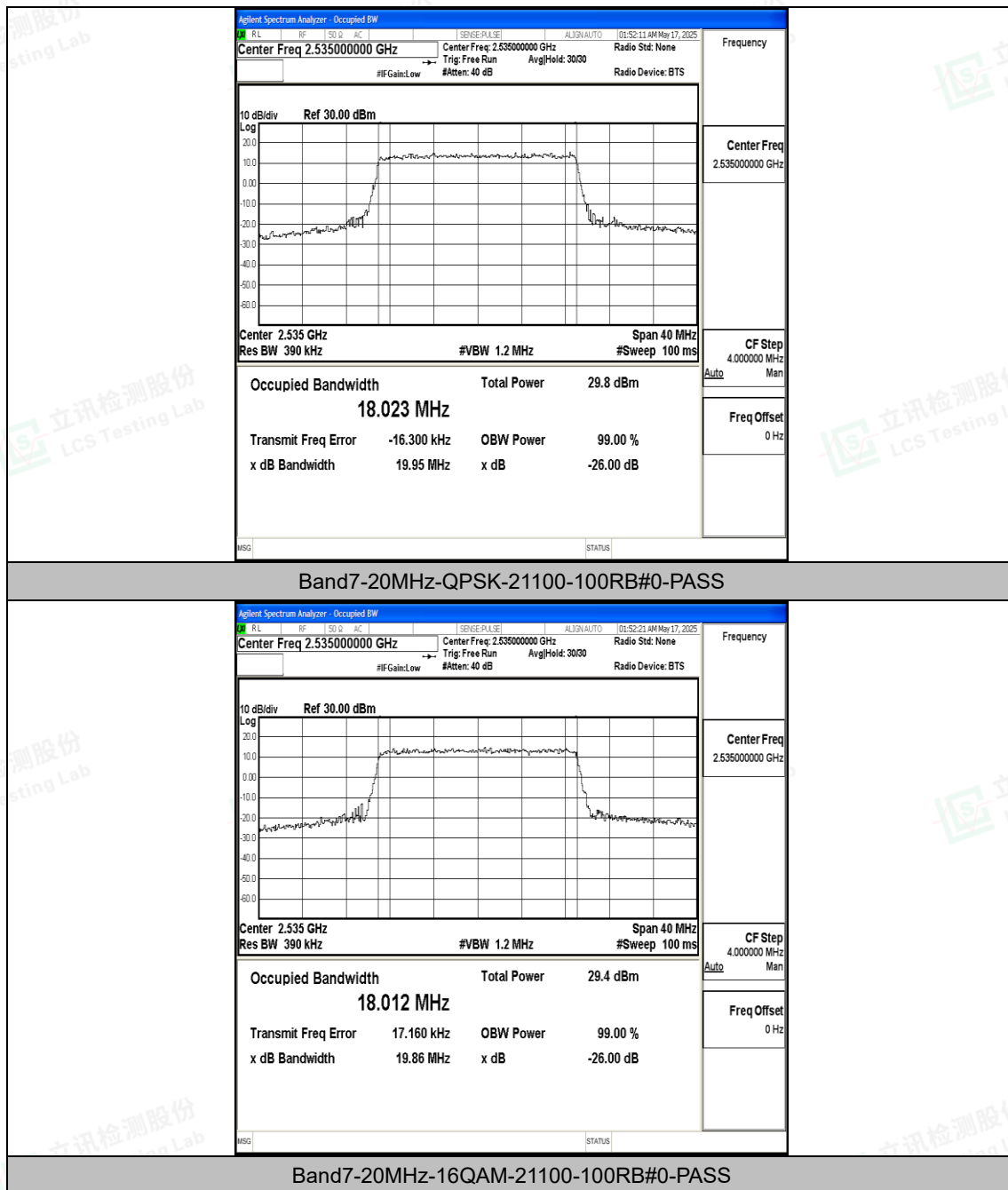


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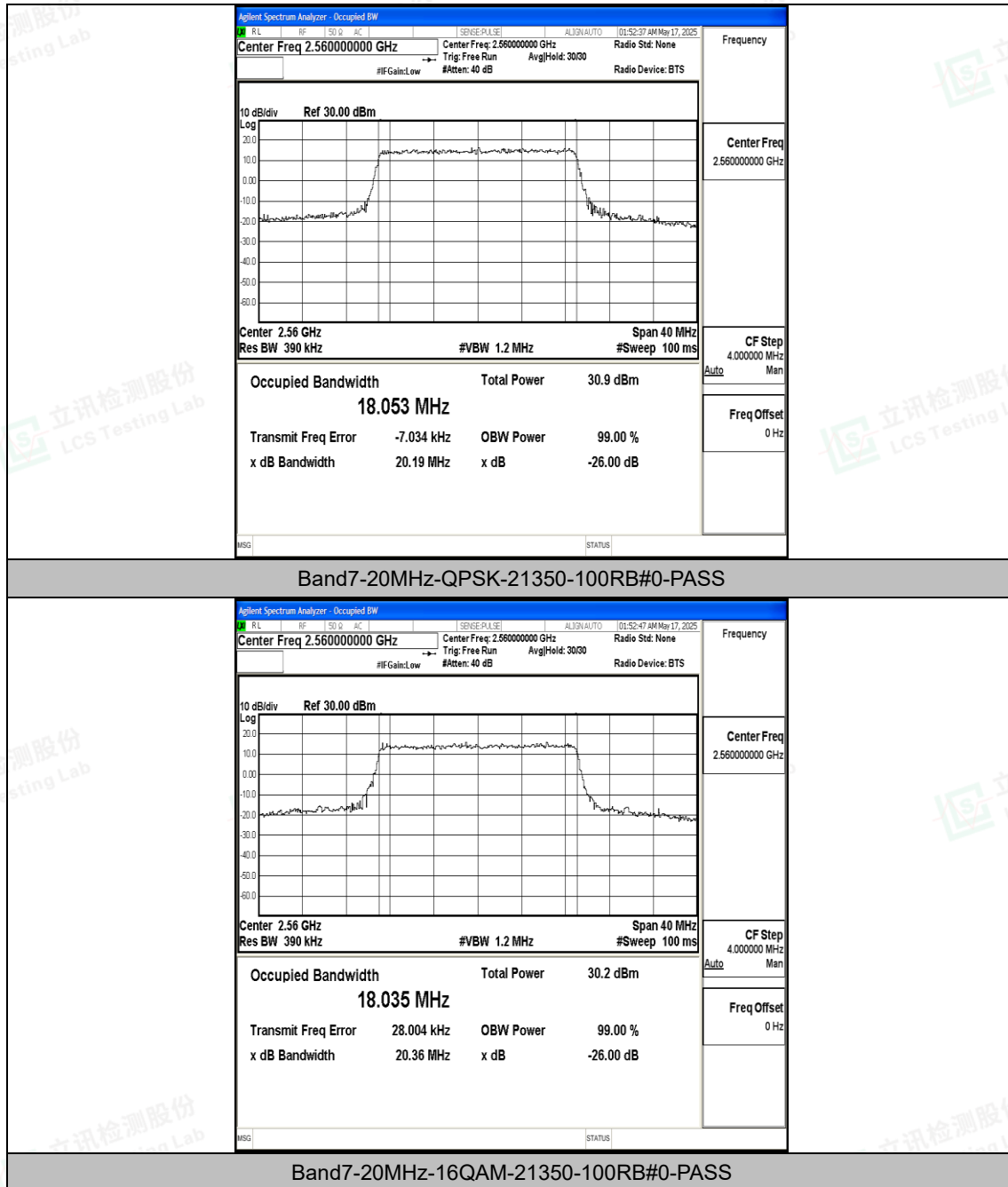


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