



Appendix G: Test Data for E-UTRA Band 38

Product Name: Remote controller

Test Model: PYK-200

Environmental Conditions

Temperature:	23.8°C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Paddi Chen
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
Band38	5MHz	QPSK	37775	25RB#0	20.64	PASS
Band38	5MHz	16QAM	37775	25RB#0	19.97	PASS
Band38	5MHz	QPSK	38000	25RB#0	20.46	PASS
Band38	5MHz	16QAM	38000	25RB#0	19.66	PASS
Band38	5MHz	QPSK	38225	25RB#0	20.20	PASS
Band38	5MHz	16QAM	38225	25RB#0	19.48	PASS
Band38	10MHz	QPSK	37800	50RB#0	20.50	PASS
Band38	10MHz	16QAM	37800	50RB#0	19.88	PASS
Band38	10MHz	QPSK	38000	50RB#0	20.46	PASS
Band38	10MHz	16QAM	38000	50RB#0	19.74	PASS
Band38	10MHz	QPSK	38200	50RB#0	20.47	PASS
Band38	10MHz	16QAM	38200	50RB#0	19.71	PASS
Band38	15MHz	QPSK	37825	75RB#0	20.38	PASS
Band38	15MHz	16QAM	37825	75RB#0	19.82	PASS
Band38	15MHz	QPSK	38000	75RB#0	20.58	PASS
Band38	15MHz	16QAM	38000	75RB#0	19.85	PASS
Band38	15MHz	QPSK	38175	75RB#0	20.56	PASS
Band38	15MHz	16QAM	38175	75RB#0	19.84	PASS
Band38	20MHz	QPSK	37850	100RB#0	20.70	PASS
Band38	20MHz	16QAM	37850	100RB#0	19.81	PASS
Band38	20MHz	QPSK	38000	100RB#0	20.86	PASS
Band38	20MHz	16QAM	38000	100RB#0	20.13	PASS
Band38	20MHz	QPSK	38150	100RB#0	20.86	PASS
Band38	20MHz	16QAM	38150	100RB#0	20.17	PASS



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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	9.17	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	9.62	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	9.12	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	9.77	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	9.03	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	9.61	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	9.10	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	9.64	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	9.18	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	9.92	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	9.15	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	9.62	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	9.42	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	9.93	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	9.50	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	9.90	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	9.27	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	10.03	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	9.19	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	10.35	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	9.42	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	10.00	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	8.83	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	9.53	13	PASS



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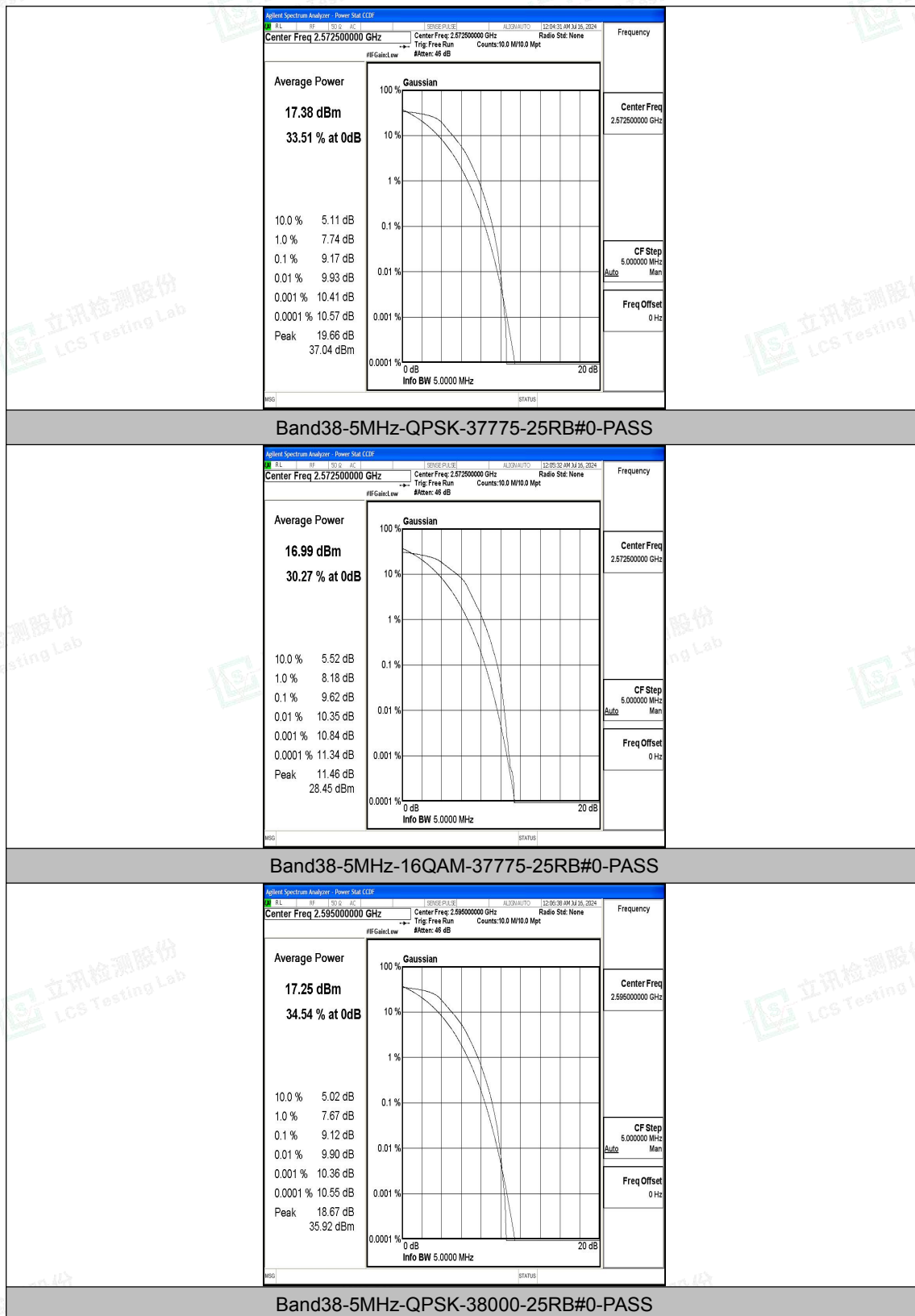
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Test Graphs

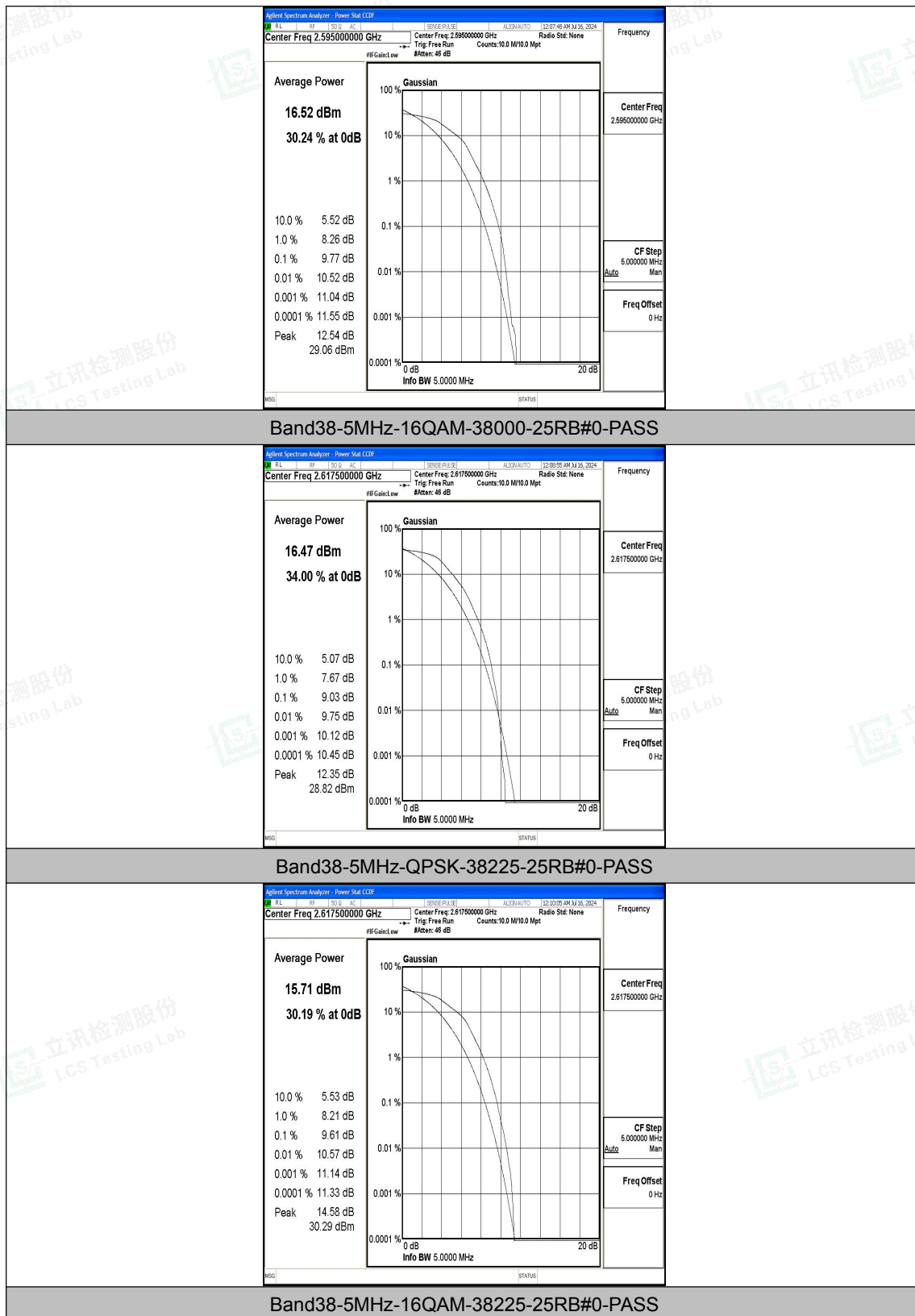


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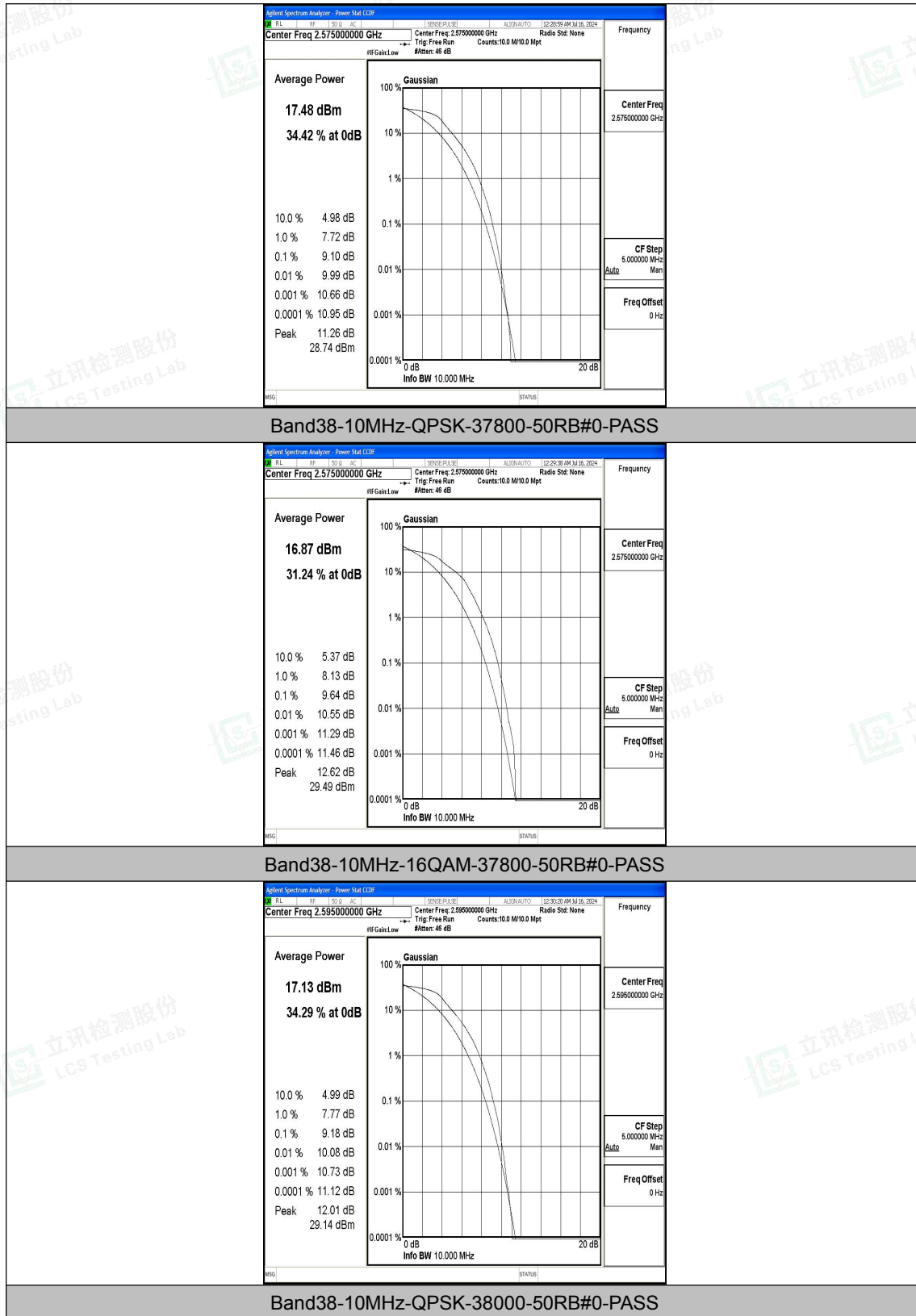


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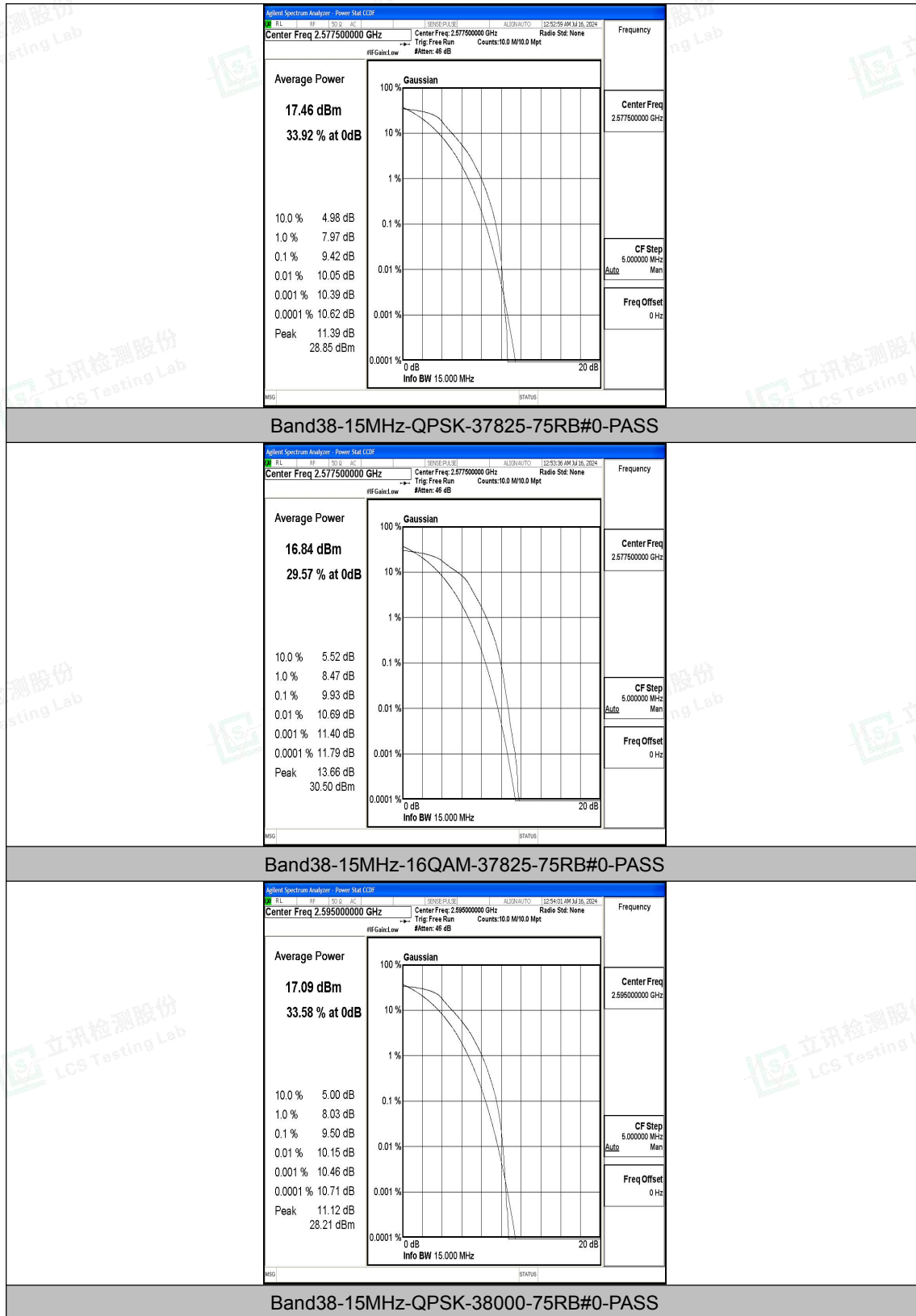


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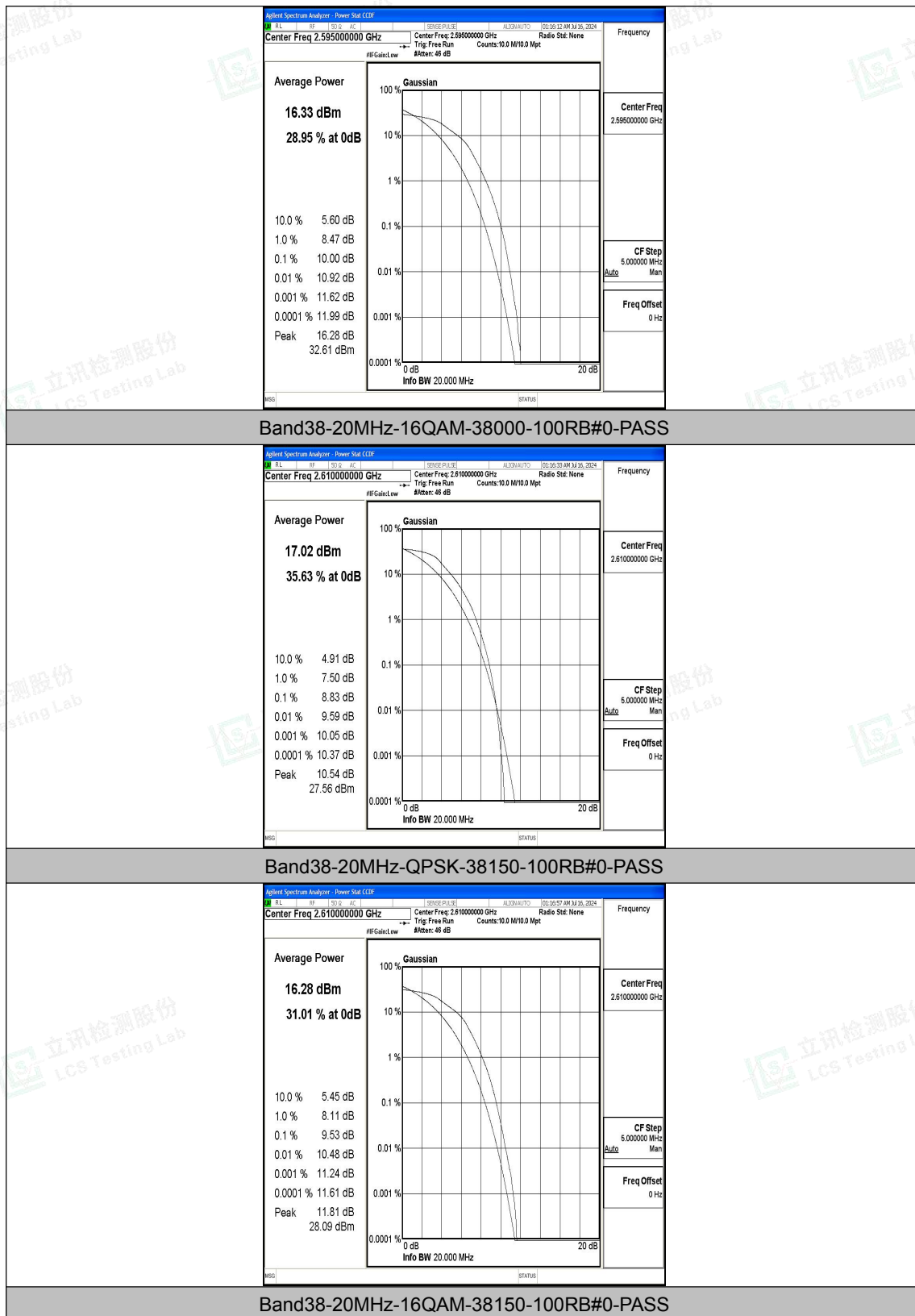


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G.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.5176	5.227	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.5055	5.288	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.5212	5.251	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.5273	5.406	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.4998	5.011	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.4992	5.327	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.9974	9.937	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.9889	10.17	PASS
Band38	10MHz	QPSK	38000	50RB#0	9.0085	9.996	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9821	10.20	PASS
Band38	10MHz	QPSK	38200	50RB#0	9.0287	10.28	PASS
Band38	10MHz	16QAM	38200	50RB#0	9.0336	11.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.534	15.32	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.513	15.27	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.540	16.16	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.516	15.37	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.507	16.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.540	16.69	PASS
Band38	20MHz	QPSK	37850	100RB#0	18.022	20.55	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.989	20.55	PASS
Band38	20MHz	QPSK	38000	100RB#0	18.001	21.29	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.974	21.01	PASS
Band38	20MHz	QPSK	38150	100RB#0	18.010	20.38	PASS
Band38	20MHz	16QAM	38150	100RB#0	18.008	20.32	PASS



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Test Graphs

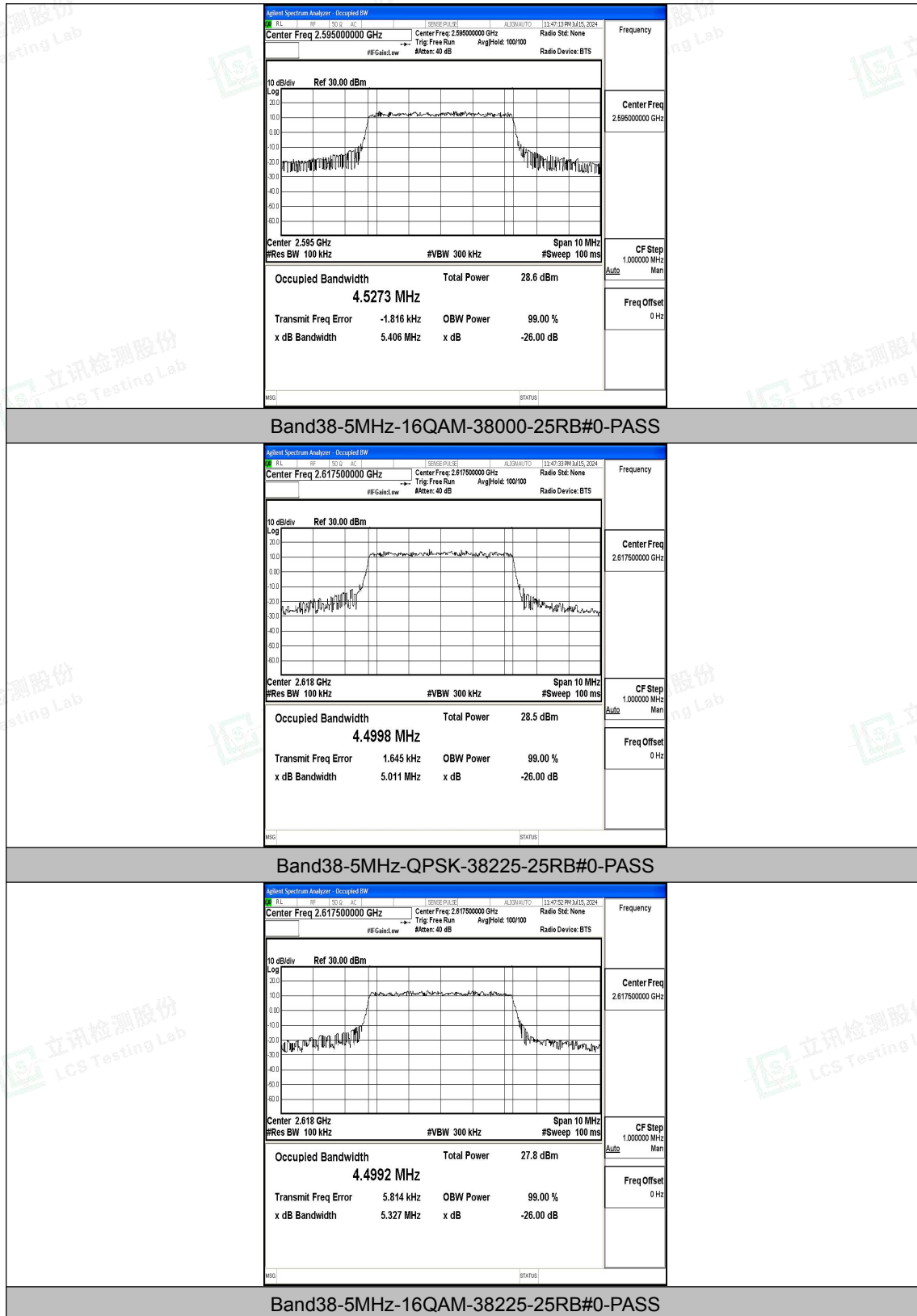


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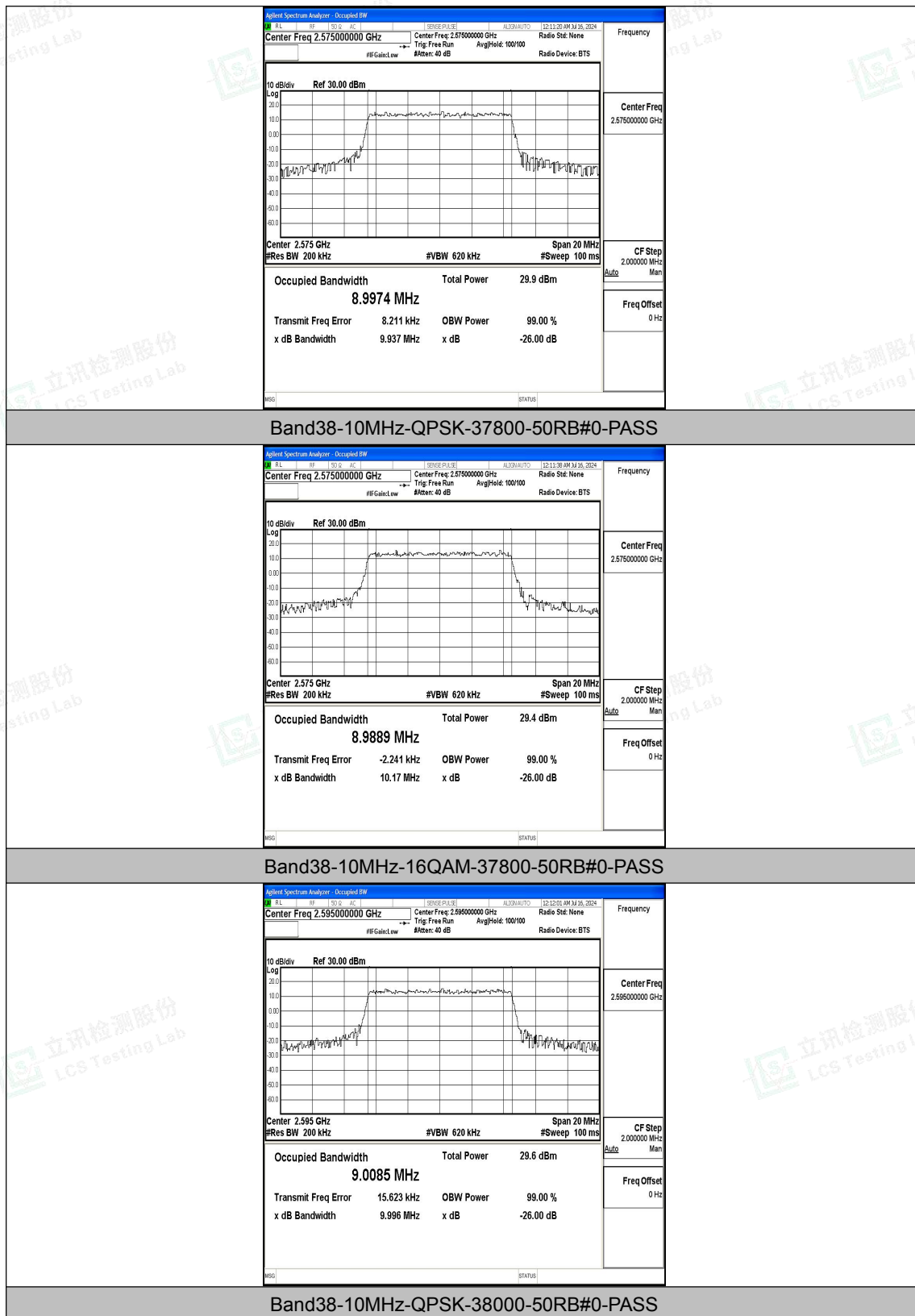


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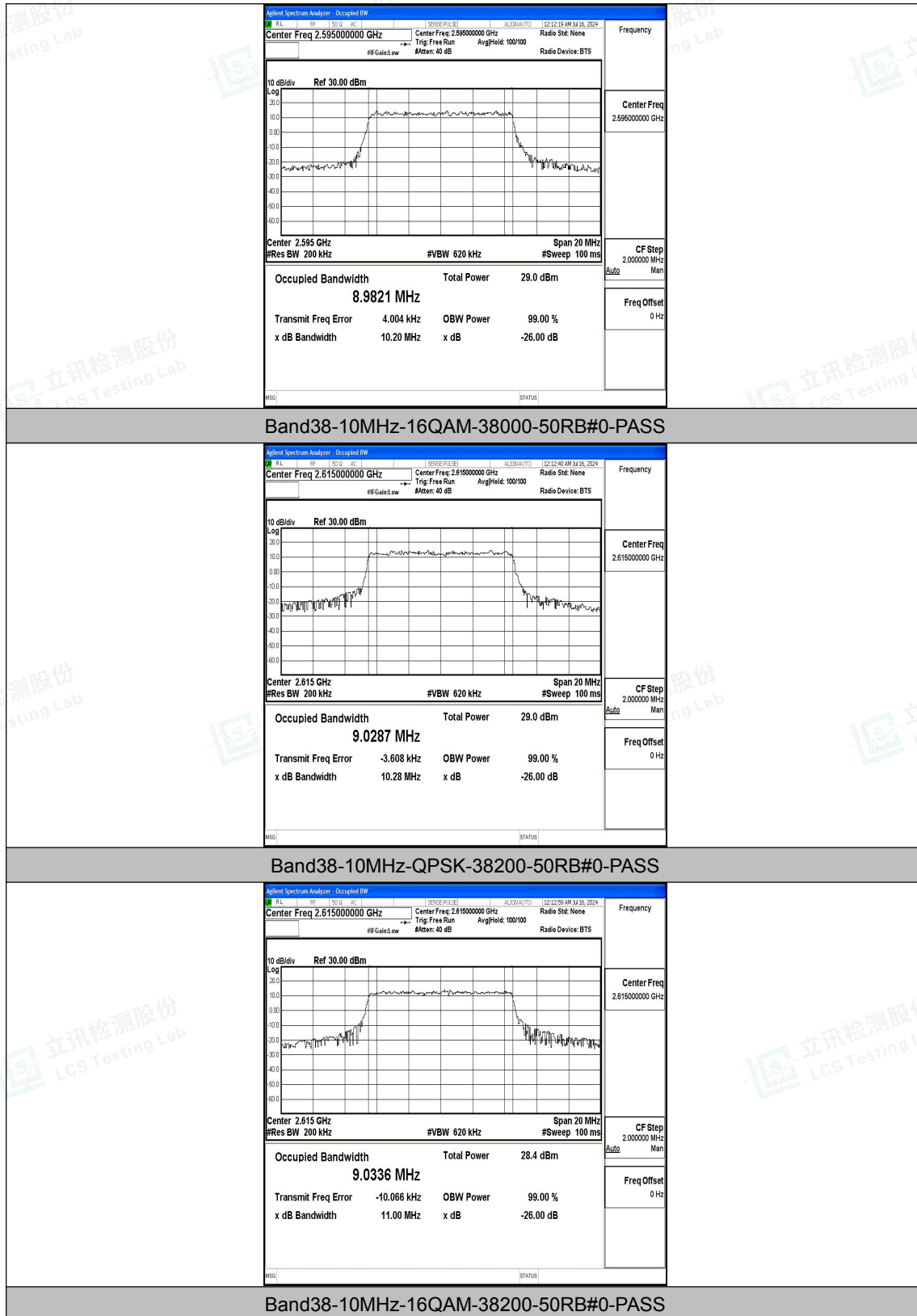


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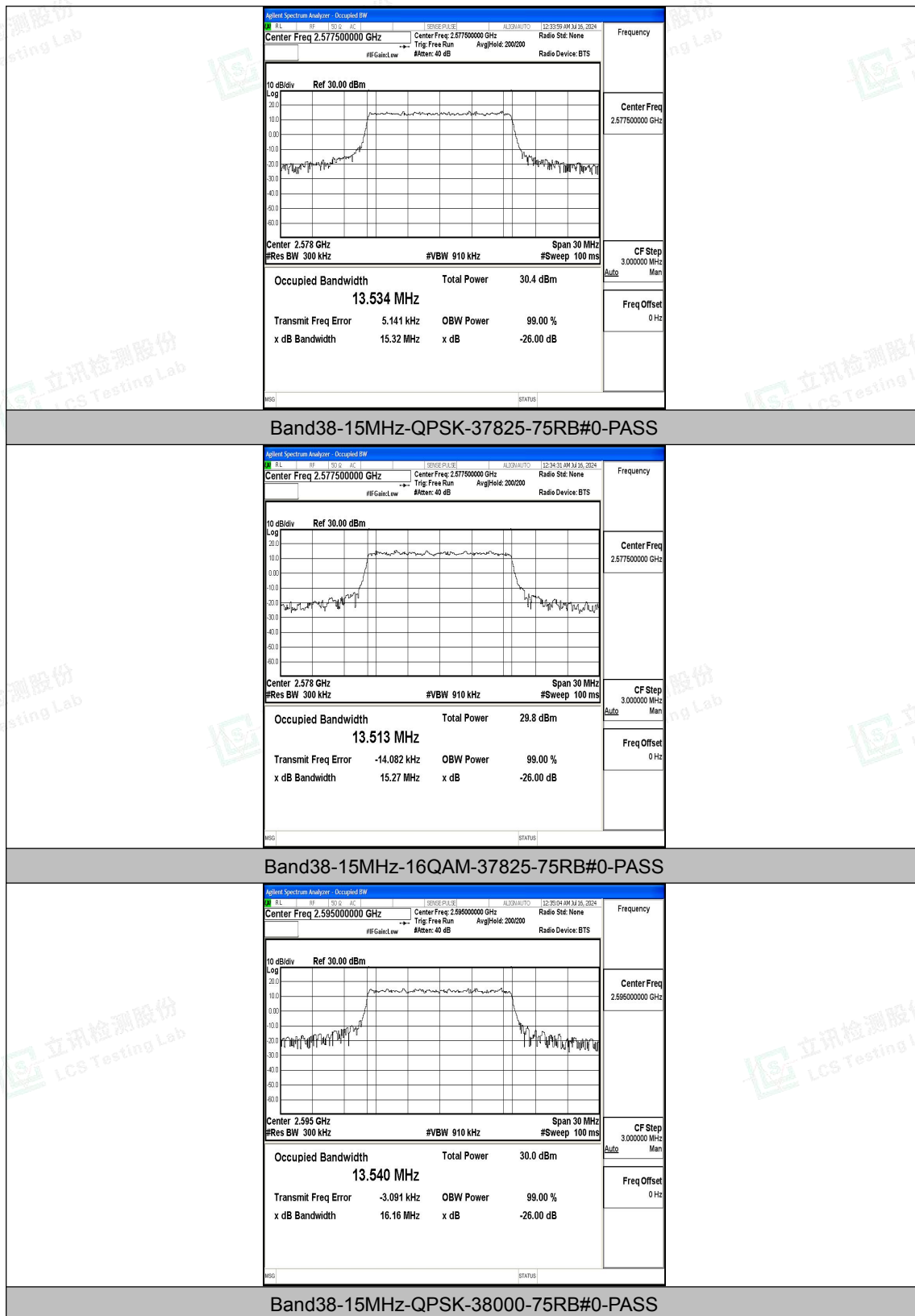


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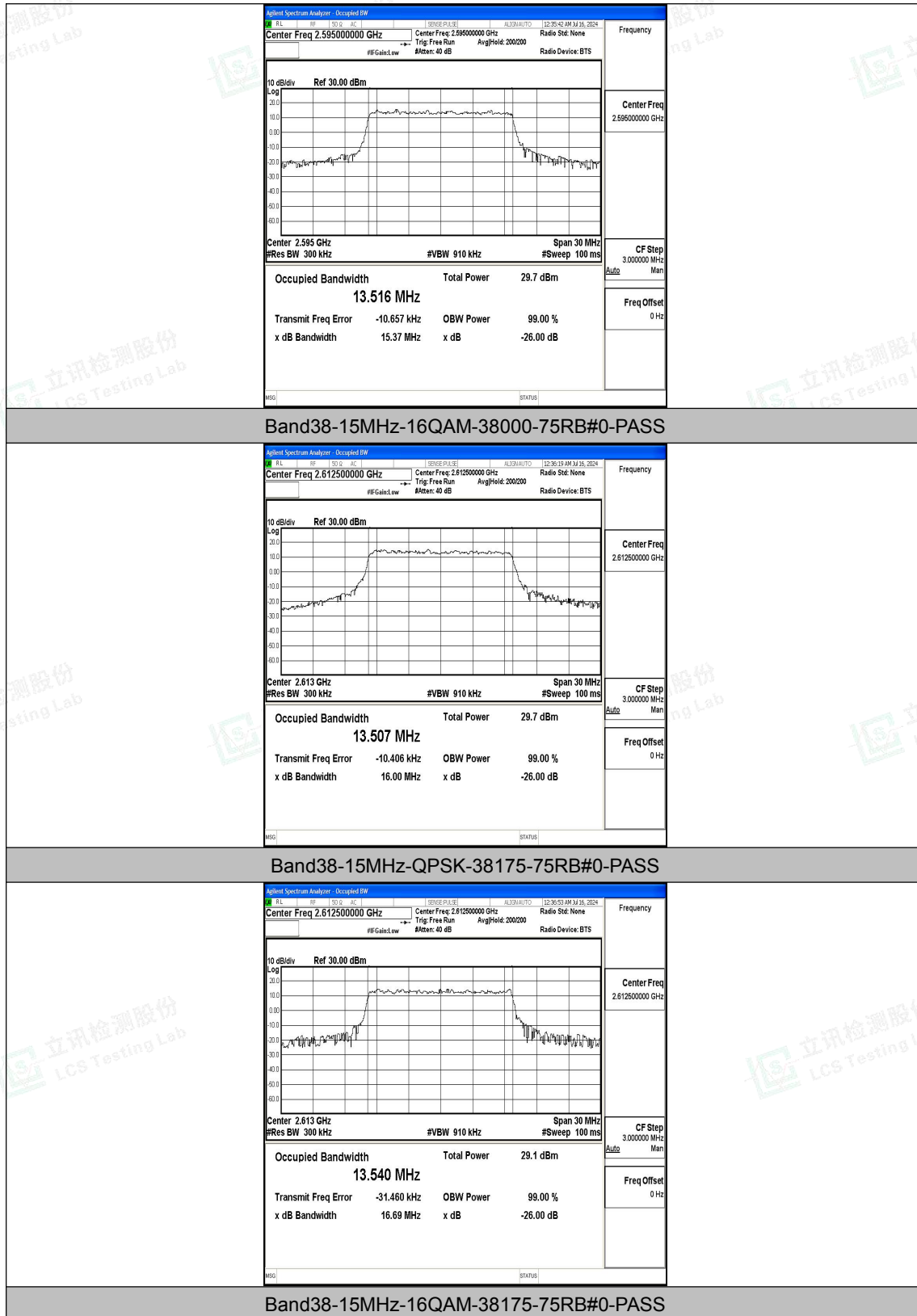


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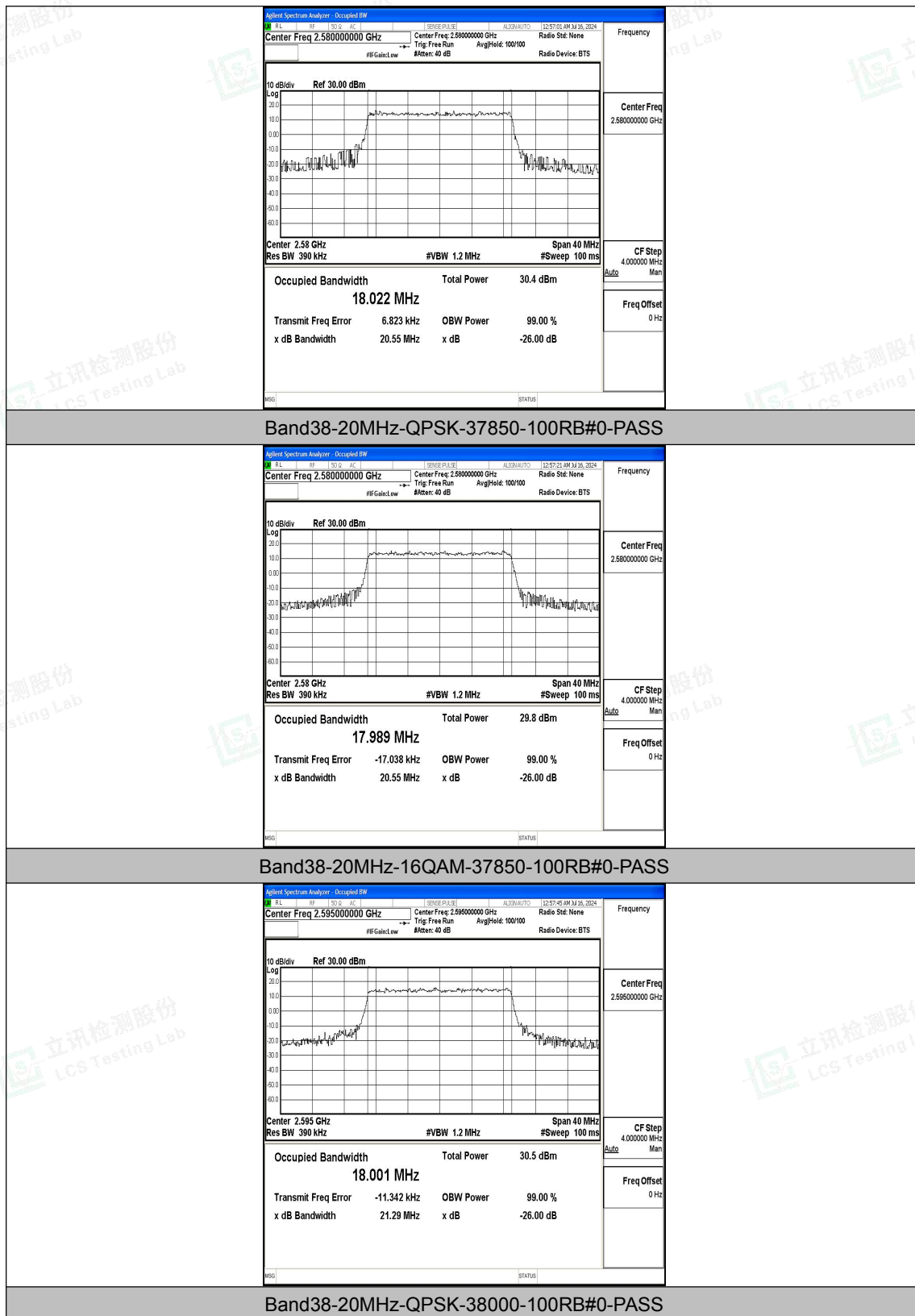


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