



Appendix I: Test Data for E-UTRA Band 7

Product Name: Voter Registration and Authentication Device

Test Model: VIU Tablet 100 R2

Environmental Conditions

Temperature:	23.9°C
Relative Humidity:	54.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Billy Yu
Supervised by:	Can Kun





I.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	22.31	PASS
Band7	5MHz	16QAM	20775	1RB#0	20.84	PASS
Band7	5MHz	QPSK	20775	1RB#12	22.40	PASS
Band7	5MHz	16QAM	20775	1RB#12	20.80	PASS
Band7	5MHz	QPSK	20775	1RB#24	22.38	PASS
Band7	5MHz	16QAM	20775	1RB#24	20.98	PASS
Band7	5MHz	QPSK	20775	12RB#0	21.23	PASS
Band7	5MHz	16QAM	20775	12RB#0	20.38	PASS
Band7	5MHz	QPSK	20775	12RB#6	21.29	PASS
Band7	5MHz	16QAM	20775	12RB#6	20.31	PASS
Band7	5MHz	QPSK	20775	12RB#13	21.30	PASS
Band7	5MHz	16QAM	20775	12RB#13	20.39	PASS
Band7	5MHz	QPSK	20775	25RB#0	21.26	PASS
Band7	5MHz	16QAM	20775	25RB#0	20.41	PASS
Band7	5MHz	QPSK	21100	1RB#0	22.29	PASS
Band7	5MHz	16QAM	21100	1RB#0	20.60	PASS
Band7	5MHz	QPSK	21100	1RB#12	22.40	PASS
Band7	5MHz	16QAM	21100	1RB#12	20.53	PASS
Band7	5MHz	QPSK	21100	1RB#24	22.36	PASS
Band7	5MHz	16QAM	21100	1RB#24	20.57	PASS
Band7	5MHz	QPSK	21100	12RB#0	21.25	PASS
Band7	5MHz	16QAM	21100	12RB#0	20.30	PASS
Band7	5MHz	QPSK	21100	12RB#6	21.27	PASS
Band7	5MHz	16QAM	21100	12RB#6	20.30	PASS
Band7	5MHz	QPSK	21100	12RB#13	21.26	PASS
Band7	5MHz	16QAM	21100	12RB#13	20.25	PASS
Band7	5MHz	QPSK	21100	25RB#0	21.22	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.43	PASS
Band7	5MHz	QPSK	21425	1RB#0	22.18	PASS
Band7	5MHz	16QAM	21425	1RB#0	20.29	PASS
Band7	5MHz	QPSK	21425	1RB#12	22.18	PASS
Band7	5MHz	16QAM	21425	1RB#12	20.43	PASS
Band7	5MHz	QPSK	21425	1RB#24	22.14	PASS
Band7	5MHz	16QAM	21425	1RB#24	20.36	PASS
Band7	5MHz	QPSK	21425	12RB#0	21.03	PASS
Band7	5MHz	16QAM	21425	12RB#0	20.09	PASS
Band7	5MHz	QPSK	21425	12RB#6	21.04	PASS



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Scan code to check authenticity



Band7	5MHz	16QAM	21425	12RB#6	20.09	PASS
Band7	5MHz	QPSK	21425	12RB#13	21.06	PASS
Band7	5MHz	16QAM	21425	12RB#13	20.03	PASS
Band7	5MHz	QPSK	21425	25RB#0	21.00	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.19	PASS
Band7	10MHz	QPSK	20800	1RB#0	22.11	PASS
Band7	10MHz	16QAM	20800	1RB#0	21.18	PASS
Band7	10MHz	QPSK	20800	1RB#24	22.11	PASS
Band7	10MHz	16QAM	20800	1RB#24	21.32	PASS
Band7	10MHz	QPSK	20800	1RB#49	22.09	PASS
Band7	10MHz	16QAM	20800	1RB#49	21.30	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.19	PASS
Band7	10MHz	16QAM	20800	25RB#0	20.30	PASS
Band7	10MHz	QPSK	20800	25RB#12	21.20	PASS
Band7	10MHz	16QAM	20800	25RB#12	20.31	PASS
Band7	10MHz	QPSK	20800	25RB#25	21.23	PASS
Band7	10MHz	16QAM	20800	25RB#25	20.23	PASS
Band7	10MHz	QPSK	20800	50RB#0	21.28	PASS
Band7	10MHz	16QAM	20800	50RB#0	20.30	PASS
Band7	10MHz	QPSK	21100	1RB#0	22.21	PASS
Band7	10MHz	16QAM	21100	1RB#0	20.53	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.18	PASS
Band7	10MHz	16QAM	21100	1RB#24	20.51	PASS
Band7	10MHz	QPSK	21100	1RB#49	22.11	PASS
Band7	10MHz	16QAM	21100	1RB#49	20.47	PASS
Band7	10MHz	QPSK	21100	25RB#0	21.20	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.40	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.20	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.39	PASS
Band7	10MHz	QPSK	21100	25RB#25	21.28	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.42	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.17	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.41	PASS
Band7	10MHz	QPSK	21400	1RB#0	22.11	PASS
Band7	10MHz	16QAM	21400	1RB#0	20.81	PASS
Band7	10MHz	QPSK	21400	1RB#24	21.92	PASS
Band7	10MHz	16QAM	21400	1RB#24	20.72	PASS
Band7	10MHz	QPSK	21400	1RB#49	22.01	PASS
Band7	10MHz	16QAM	21400	1RB#49	20.73	PASS
Band7	10MHz	QPSK	21400	25RB#0	21.00	PASS
Band7	10MHz	16QAM	21400	25RB#0	20.07	PASS
Band7	10MHz	QPSK	21400	25RB#12	21.02	PASS



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Band7	10MHz	16QAM	21400	25RB#12	20.08	PASS
Band7	10MHz	QPSK	21400	25RB#25	21.08	PASS
Band7	10MHz	16QAM	21400	25RB#25	19.83	PASS
Band7	10MHz	QPSK	21400	50RB#0	21.09	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.17	PASS
Band7	15MHz	QPSK	20825	1RB#0	22.17	PASS
Band7	15MHz	16QAM	20825	1RB#0	20.97	PASS
Band7	15MHz	QPSK	20825	1RB#38	22.17	PASS
Band7	15MHz	16QAM	20825	1RB#38	20.96	PASS
Band7	15MHz	QPSK	20825	1RB#74	22.12	PASS
Band7	15MHz	16QAM	20825	1RB#74	20.93	PASS
Band7	15MHz	QPSK	20825	38RB#0	21.24	PASS
Band7	15MHz	16QAM	20825	38RB#0	21.24	PASS
Band7	15MHz	QPSK	20825	38RB#18	21.24	PASS
Band7	15MHz	16QAM	20825	38RB#18	21.24	PASS
Band7	15MHz	QPSK	20825	38RB#37	20.95	PASS
Band7	15MHz	16QAM	20825	38RB#37	20.95	PASS
Band7	15MHz	QPSK	20825	75RB#0	20.96	PASS
Band7	15MHz	16QAM	20825	75RB#0	20.08	PASS
Band7	15MHz	QPSK	21100	1RB#0	21.86	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.12	PASS
Band7	15MHz	QPSK	21100	1RB#38	21.94	PASS
Band7	15MHz	16QAM	21100	1RB#38	21.30	PASS
Band7	15MHz	QPSK	21100	1RB#74	21.89	PASS
Band7	15MHz	16QAM	21100	1RB#74	21.26	PASS
Band7	15MHz	QPSK	21100	38RB#0	20.93	PASS
Band7	15MHz	16QAM	21100	38RB#0	20.92	PASS
Band7	15MHz	QPSK	21100	38RB#18	20.92	PASS
Band7	15MHz	16QAM	21100	38RB#18	21.07	PASS
Band7	15MHz	QPSK	21100	38RB#37	21.07	PASS
Band7	15MHz	16QAM	21100	38RB#37	21.07	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.07	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.29	PASS
Band7	15MHz	QPSK	21375	1RB#0	21.91	PASS
Band7	15MHz	16QAM	21375	1RB#0	20.91	PASS
Band7	15MHz	QPSK	21375	1RB#38	21.76	PASS
Band7	15MHz	16QAM	21375	1RB#38	20.92	PASS
Band7	15MHz	QPSK	21375	1RB#74	21.80	PASS
Band7	15MHz	16QAM	21375	1RB#74	20.91	PASS
Band7	15MHz	QPSK	21375	38RB#0	20.80	PASS
Band7	15MHz	16QAM	21375	38RB#0	20.81	PASS
Band7	15MHz	QPSK	21375	38RB#18	20.81	PASS



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Band7	15MHz	16QAM	21375	38RB#18	20.81	PASS
Band7	15MHz	QPSK	21375	38RB#37	20.81	PASS
Band7	15MHz	16QAM	21375	38RB#37	20.81	PASS
Band7	15MHz	QPSK	21375	75RB#0	20.81	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.00	PASS
Band7	20MHz	QPSK	20850	1RB#0	22.17	PASS
Band7	20MHz	16QAM	20850	1RB#0	20.78	PASS
Band7	20MHz	QPSK	20850	1RB#49	22.26	PASS
Band7	20MHz	16QAM	20850	1RB#49	20.80	PASS
Band7	20MHz	QPSK	20850	1RB#99	22.08	PASS
Band7	20MHz	16QAM	20850	1RB#99	20.75	PASS
Band7	20MHz	QPSK	20850	50RB#0	21.05	PASS
Band7	20MHz	16QAM	20850	50RB#0	20.28	PASS
Band7	20MHz	QPSK	20850	50RB#25	21.07	PASS
Band7	20MHz	16QAM	20850	50RB#25	20.28	PASS
Band7	20MHz	QPSK	20850	50RB#50	21.05	PASS
Band7	20MHz	16QAM	20850	50RB#50	20.19	PASS
Band7	20MHz	QPSK	20850	100RB#0	21.05	PASS
Band7	20MHz	16QAM	20850	100RB#0	20.07	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.29	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.59	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.12	PASS
Band7	20MHz	16QAM	21100	1RB#49	21.48	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.07	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.42	PASS
Band7	20MHz	QPSK	21100	50RB#0	21.02	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.16	PASS
Band7	20MHz	QPSK	21100	50RB#25	21.03	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.16	PASS
Band7	20MHz	QPSK	21100	50RB#50	21.01	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.07	PASS
Band7	20MHz	QPSK	21100	100RB#0	20.98	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.43	PASS
Band7	20MHz	QPSK	21350	1RB#0	21.92	PASS
Band7	20MHz	16QAM	21350	1RB#0	21.07	PASS
Band7	20MHz	QPSK	21350	1RB#49	21.85	PASS
Band7	20MHz	16QAM	21350	1RB#49	20.99	PASS
Band7	20MHz	QPSK	21350	1RB#99	21.85	PASS
Band7	20MHz	16QAM	21350	1RB#99	20.92	PASS
Band7	20MHz	QPSK	21350	50RB#0	20.98	PASS
Band7	20MHz	16QAM	21350	50RB#0	20.20	PASS
Band7	20MHz	QPSK	21350	50RB#25	20.89	PASS



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Band7	20MHz	16QAM	21350	50RB#25	20.21	PASS
Band7	20MHz	QPSK	21350	50RB#50	20.82	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.02	PASS
Band7	20MHz	QPSK	21350	100RB#0	20.98	PASS
Band7	20MHz	16QAM	21350	100RB#0	19.97	PASS



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I.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	4.70	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	5.54	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.40	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.05	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	5.19	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	5.79	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.55	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.17	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	4.96	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	5.75	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.52	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	6.15	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	4.68	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	5.67	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.43	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.10	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	5.25	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	5.99	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.57	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.23	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	5.10	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	6.07	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.57	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.24	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	4.64	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	5.64	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.70	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.18	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	5.31	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	6.12	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.87	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.32	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	5.11	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	6.02	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.87	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.32	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	4.56	13	PASS



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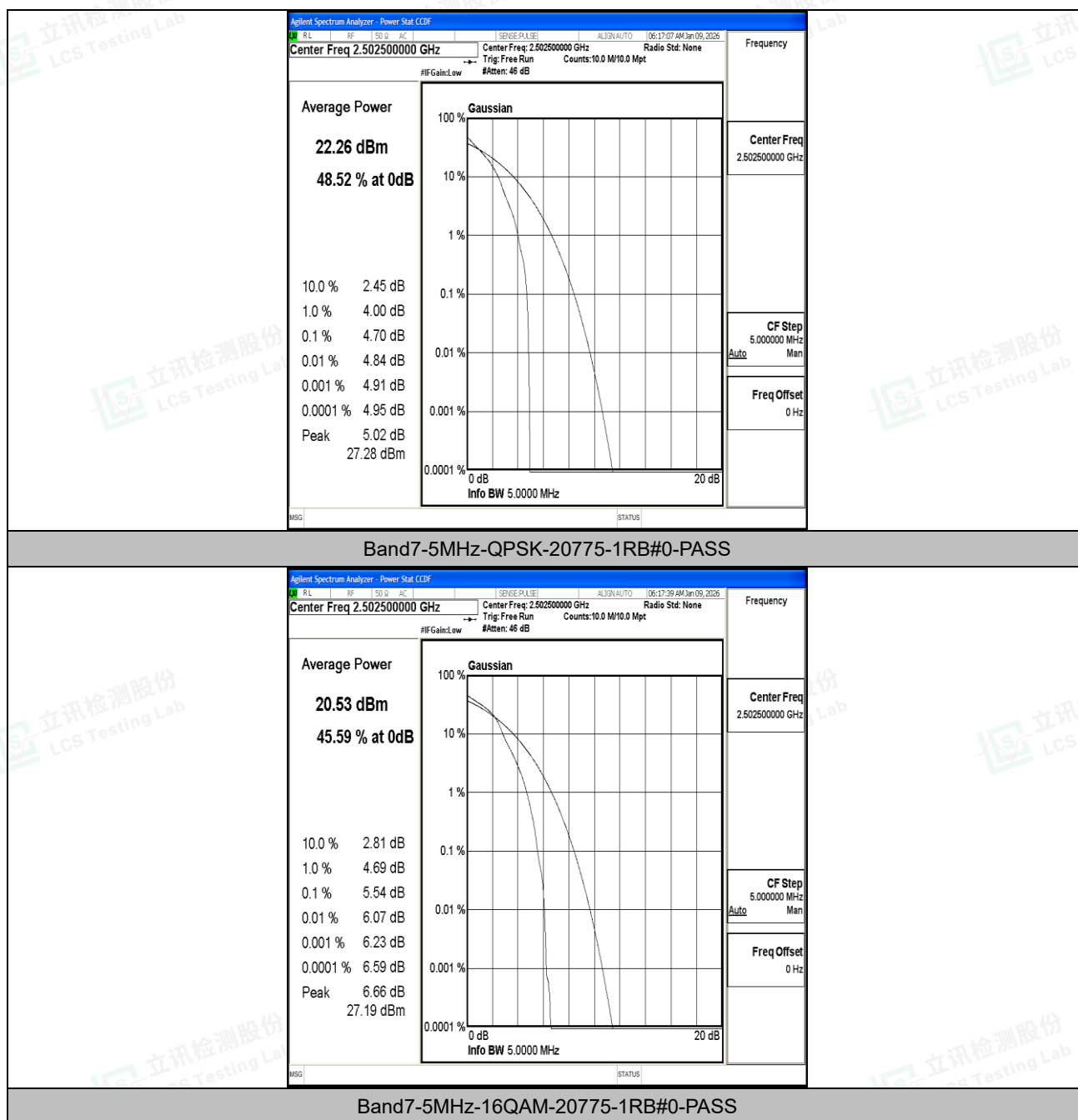


Band7	20MHz	16QAM	20850	1RB#0	5.41	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.45	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.17	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	5.12	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	5.71	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.59	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.28	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	4.88	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	5.62	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.57	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.30	13	PASS





Test Graphs

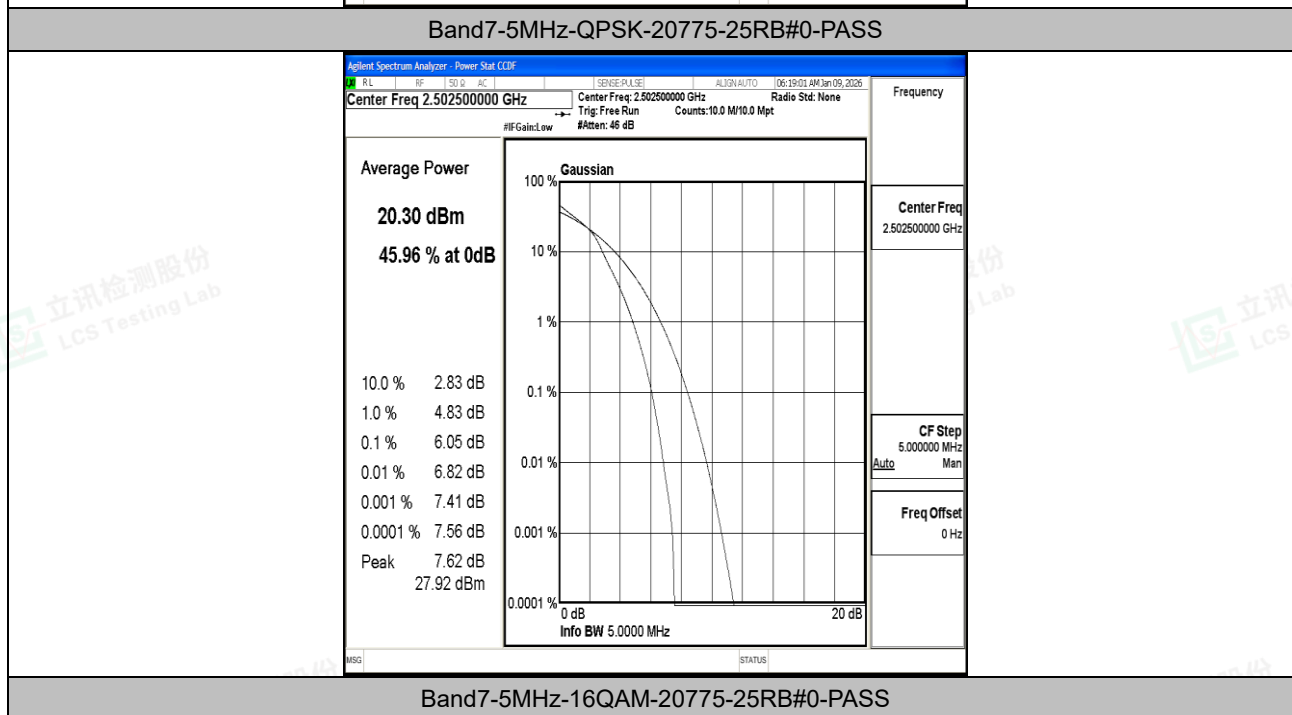
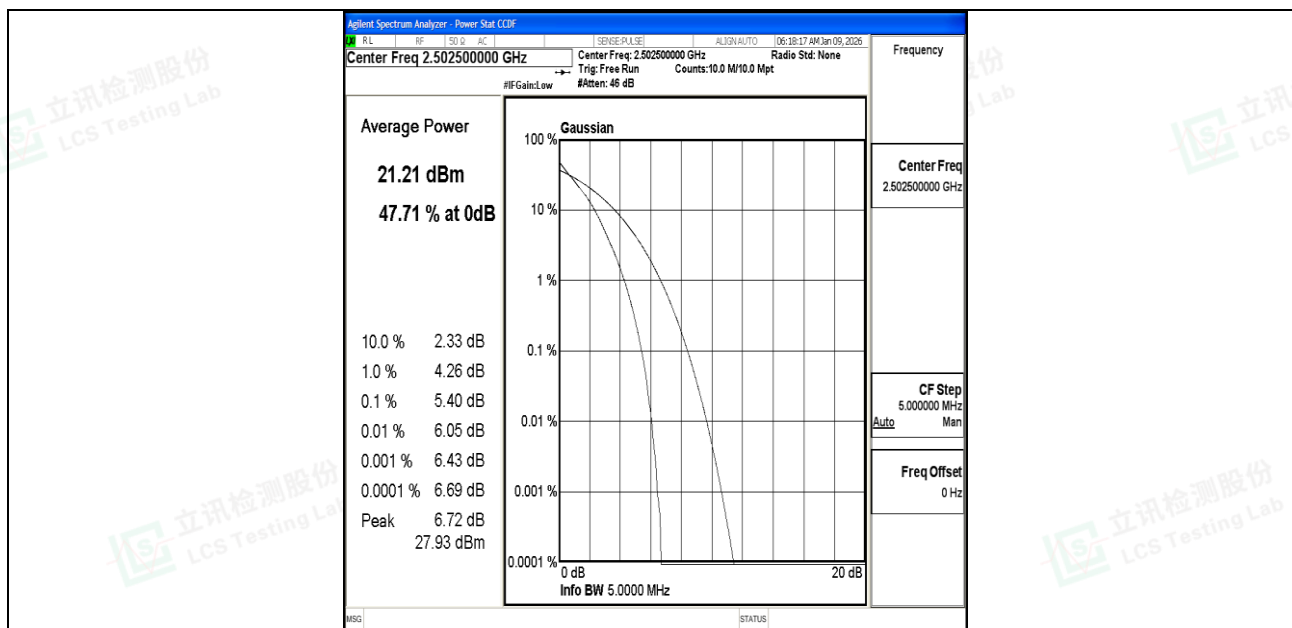


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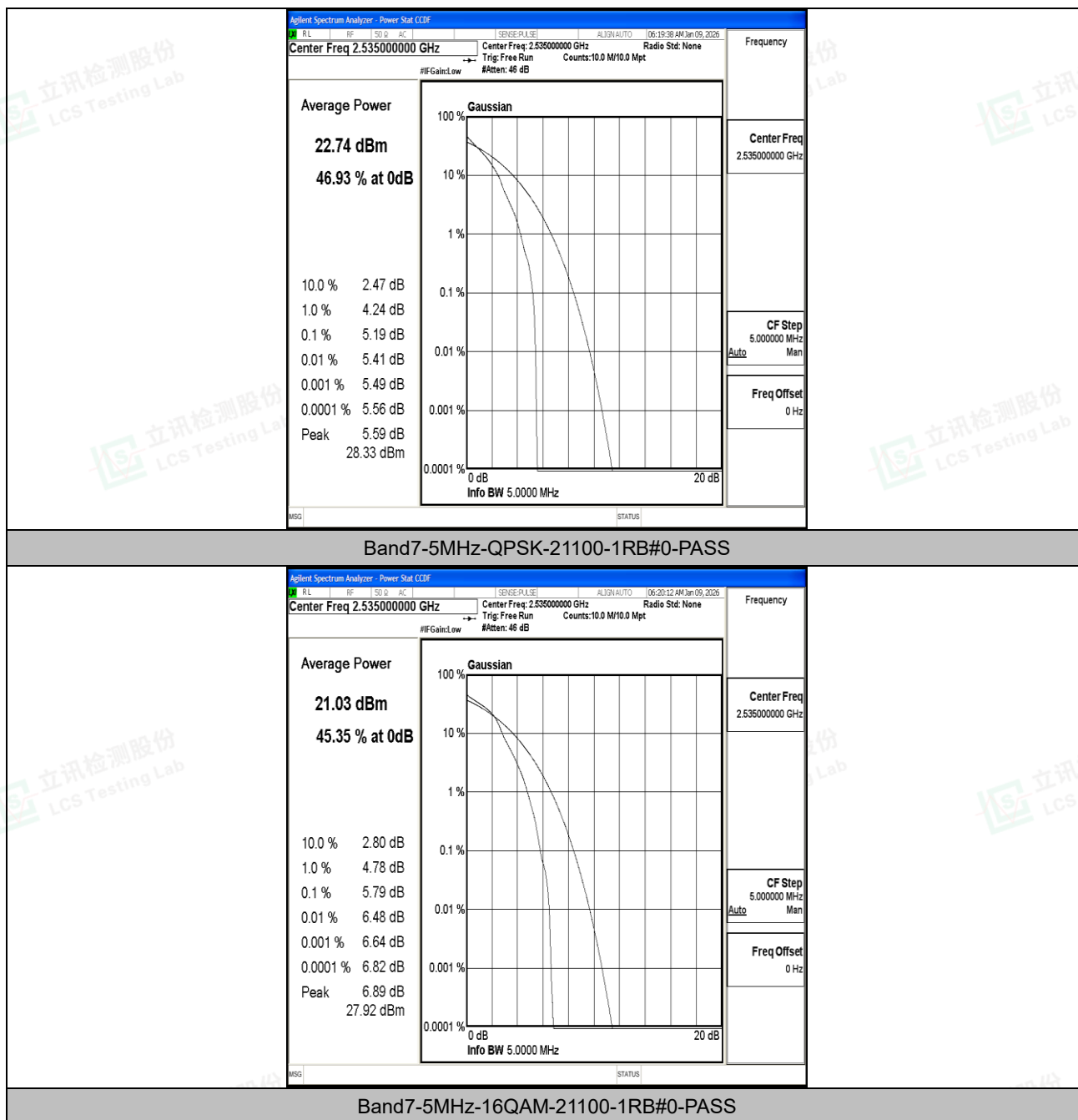


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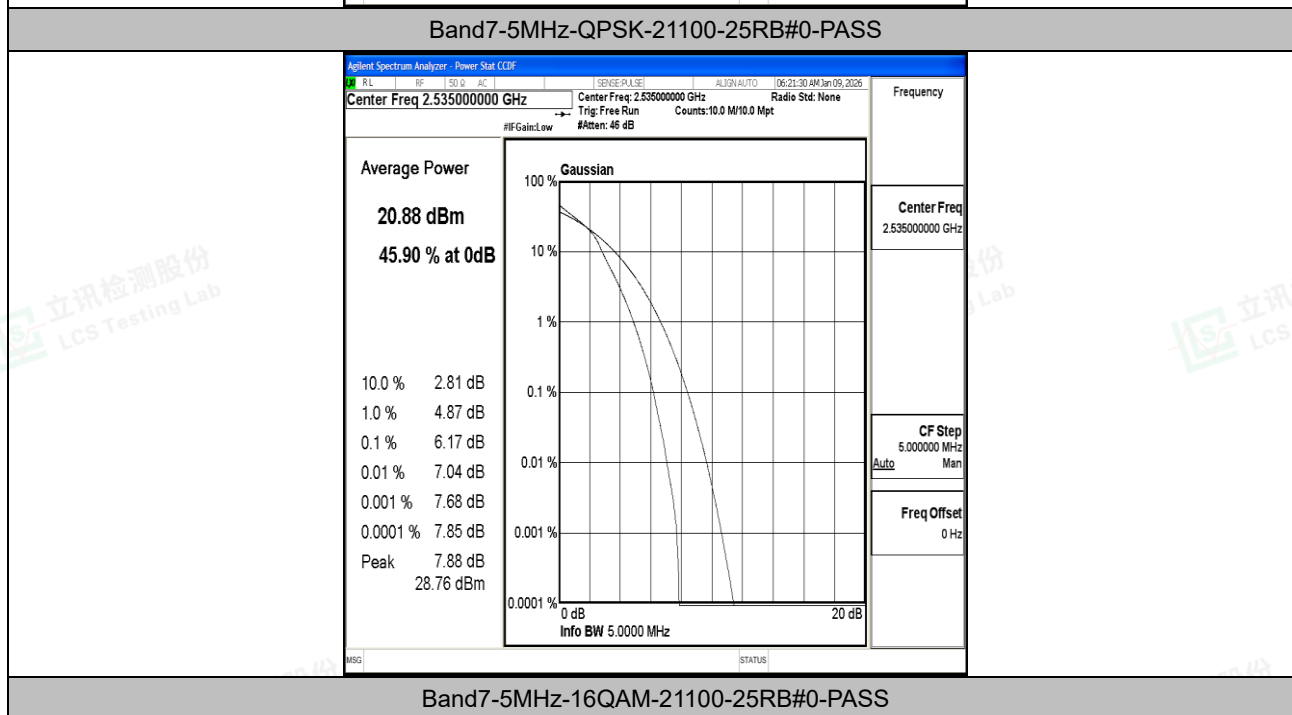
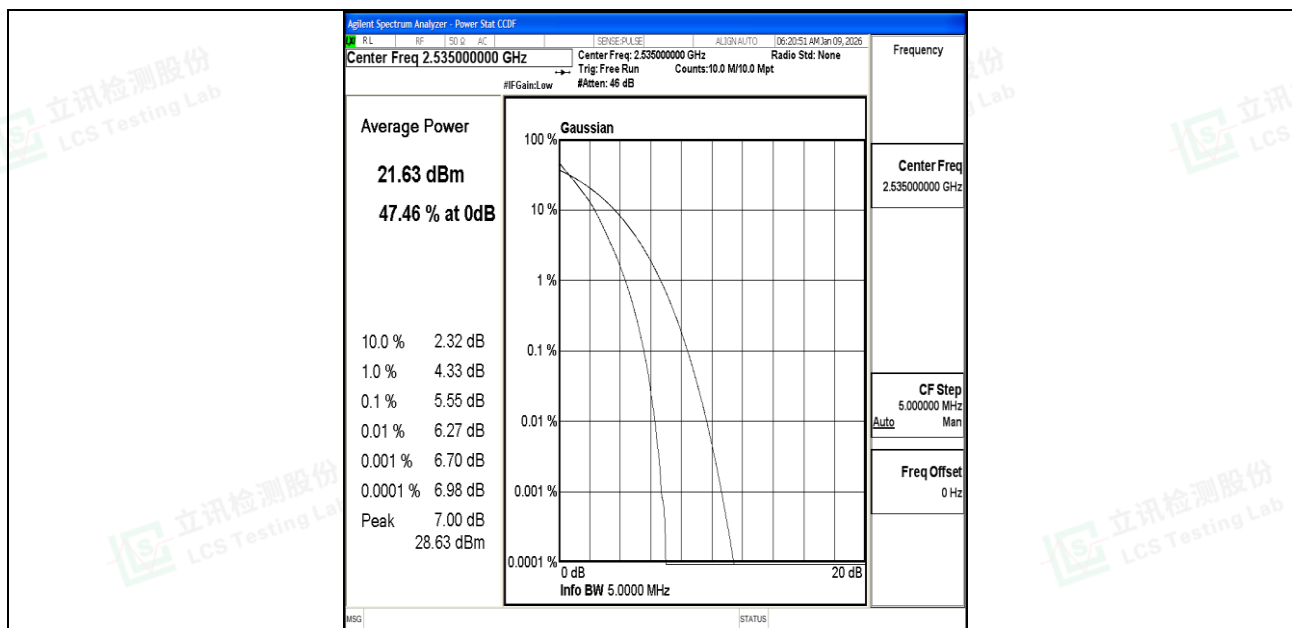


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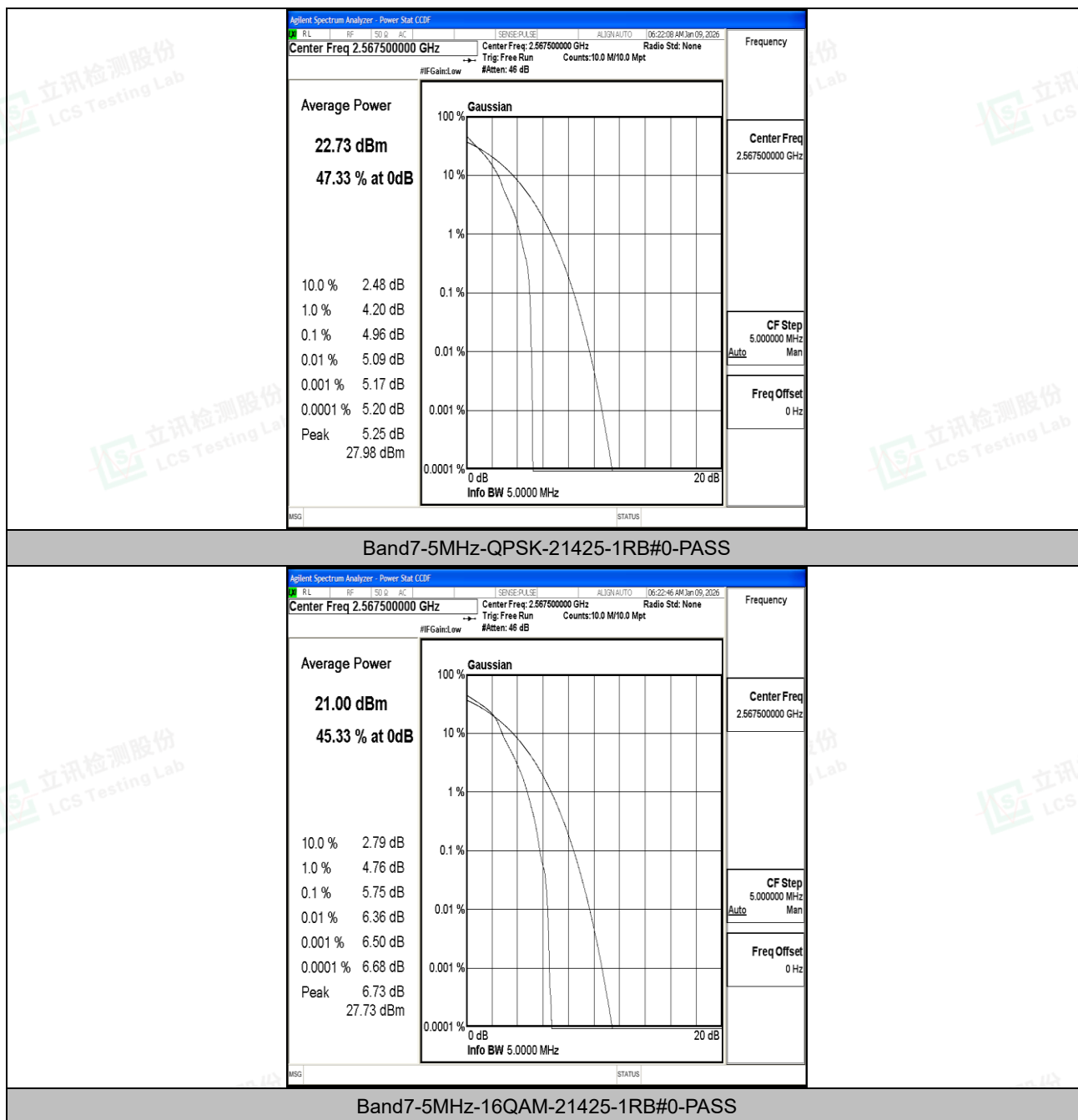


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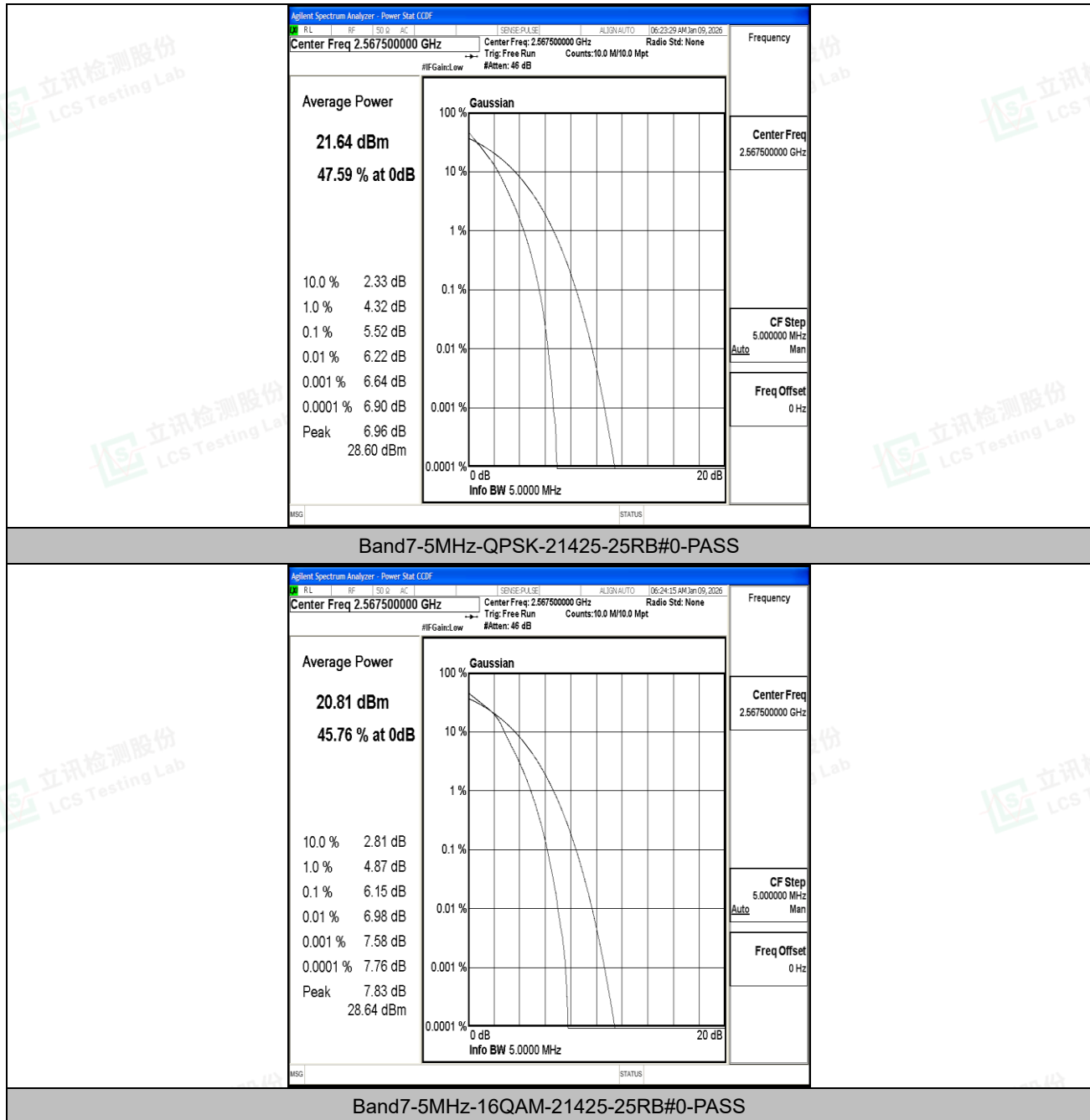


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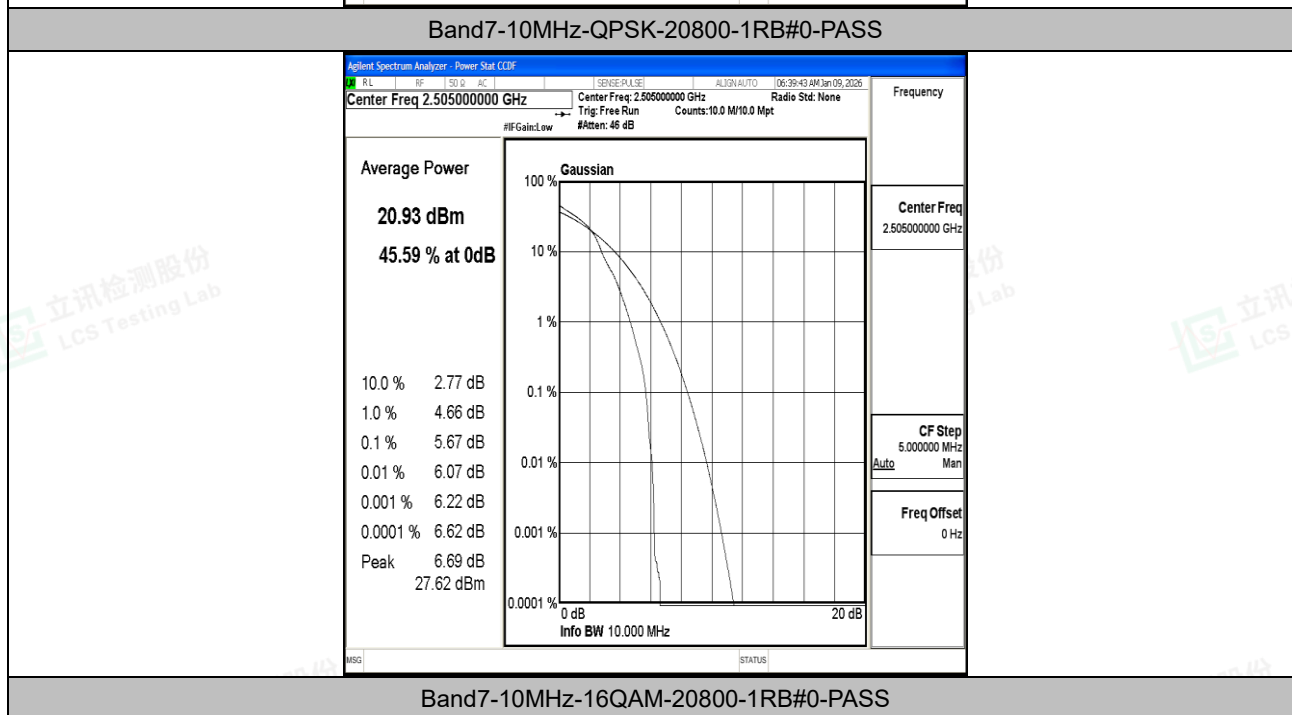
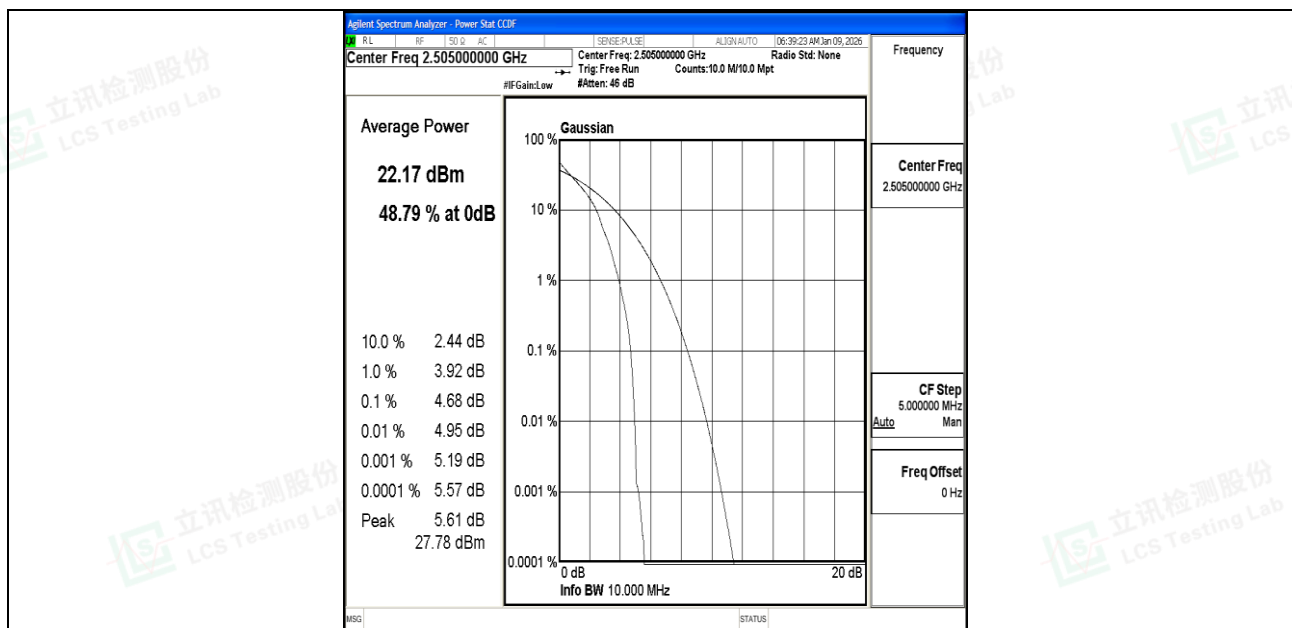


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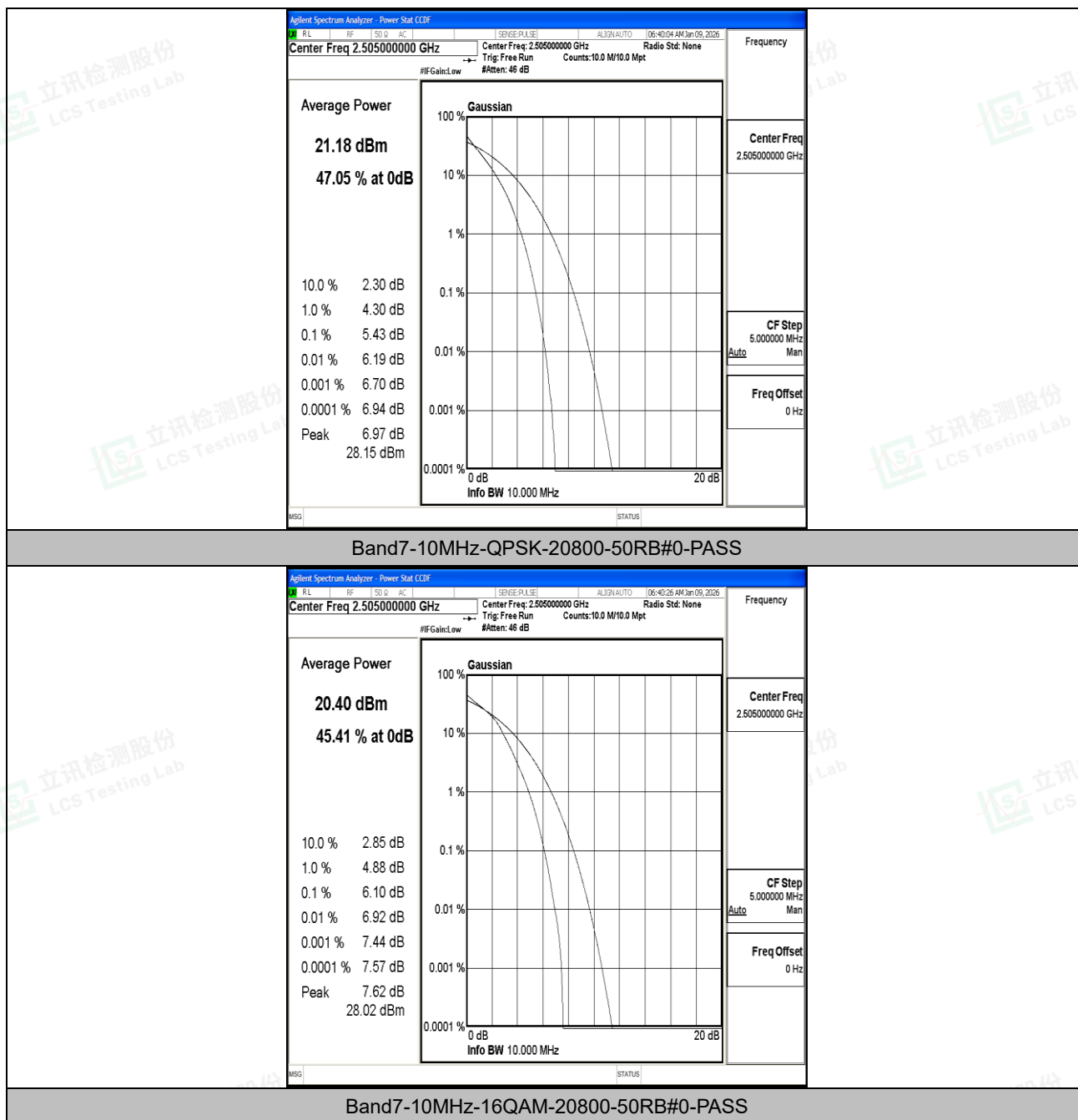


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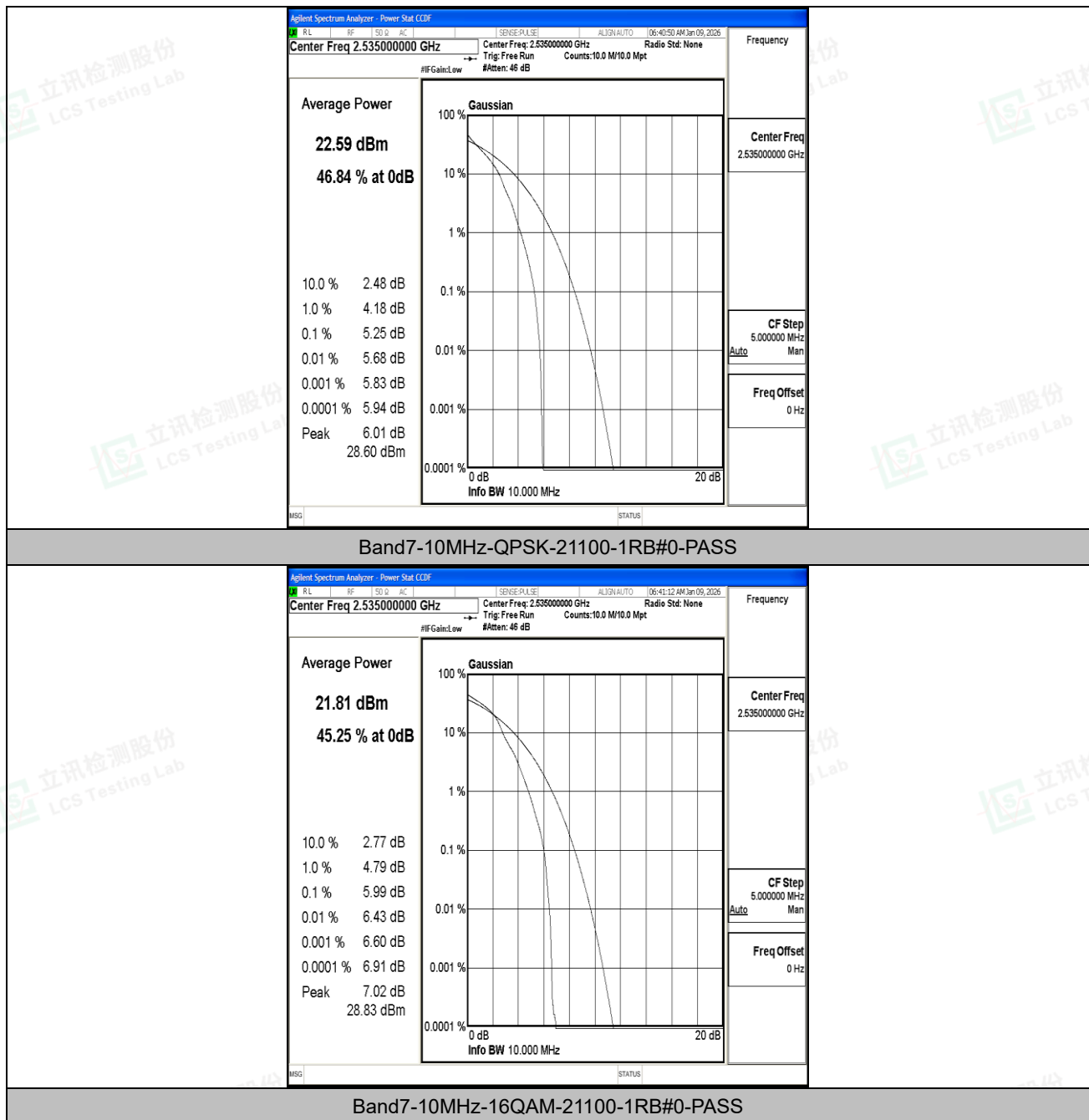


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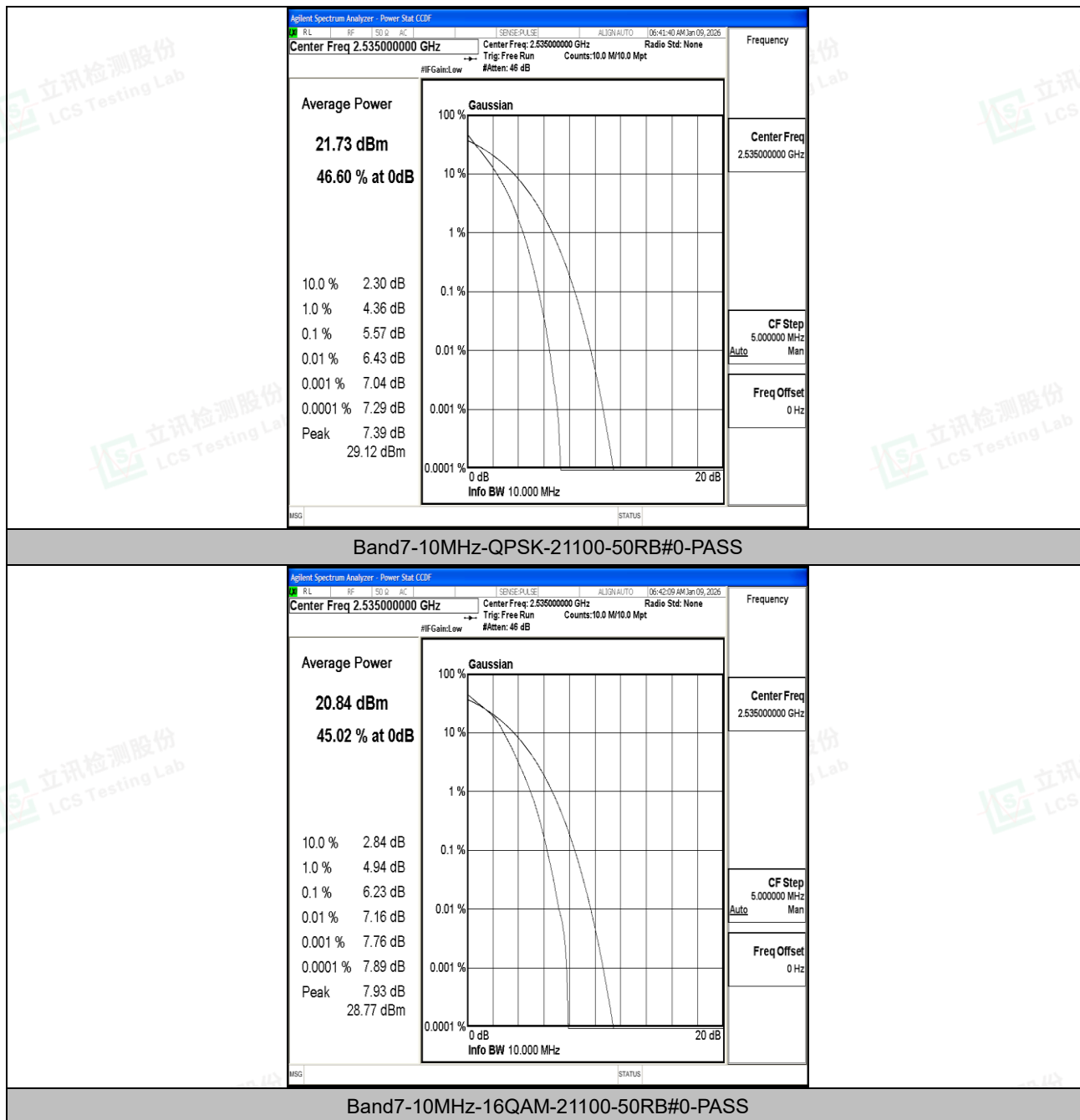


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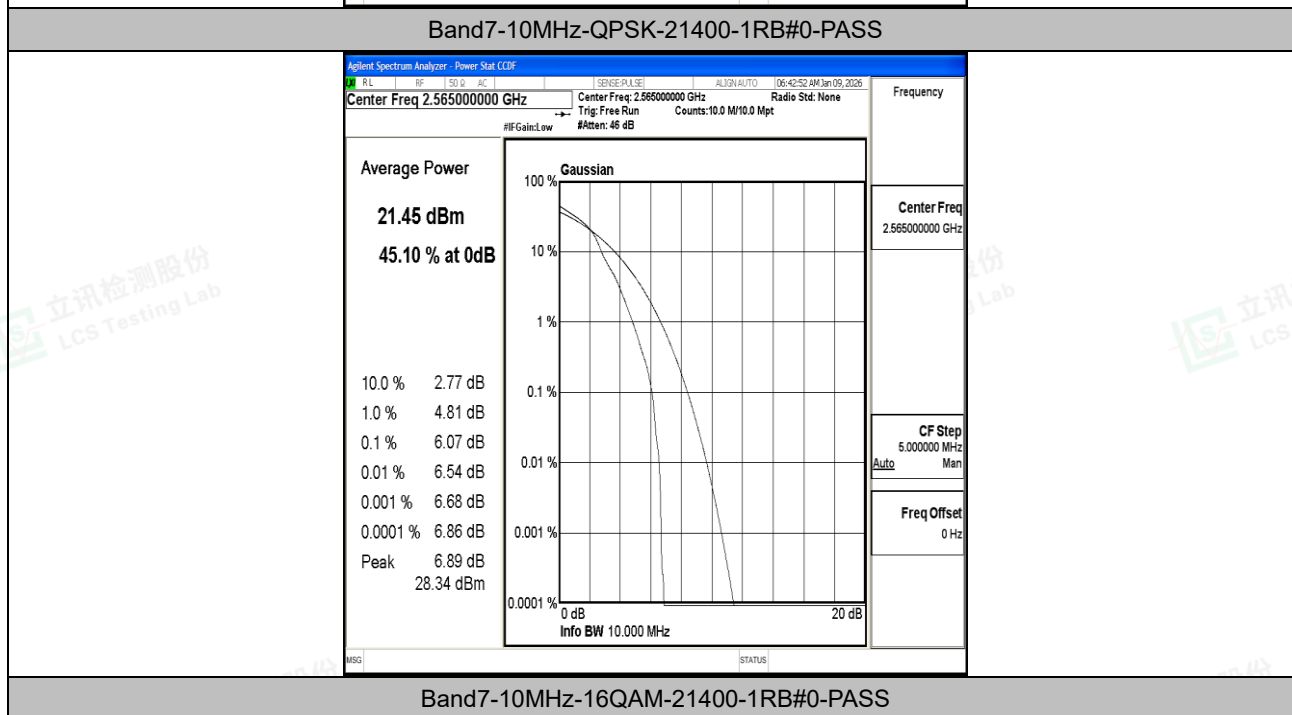
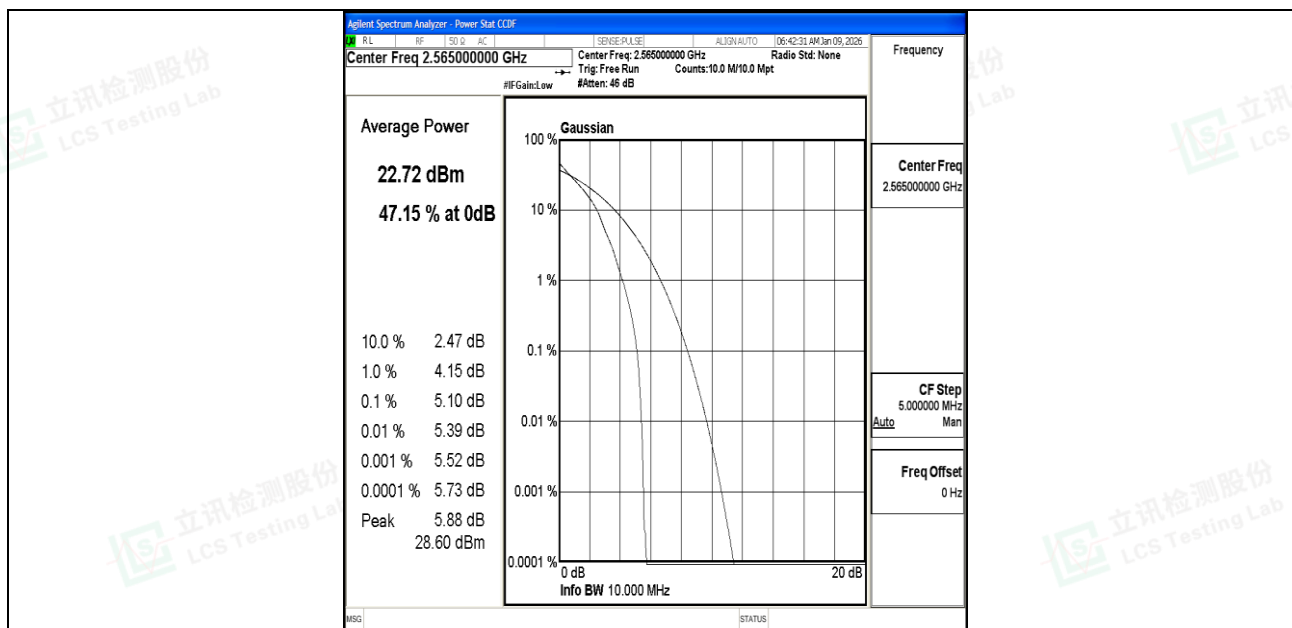


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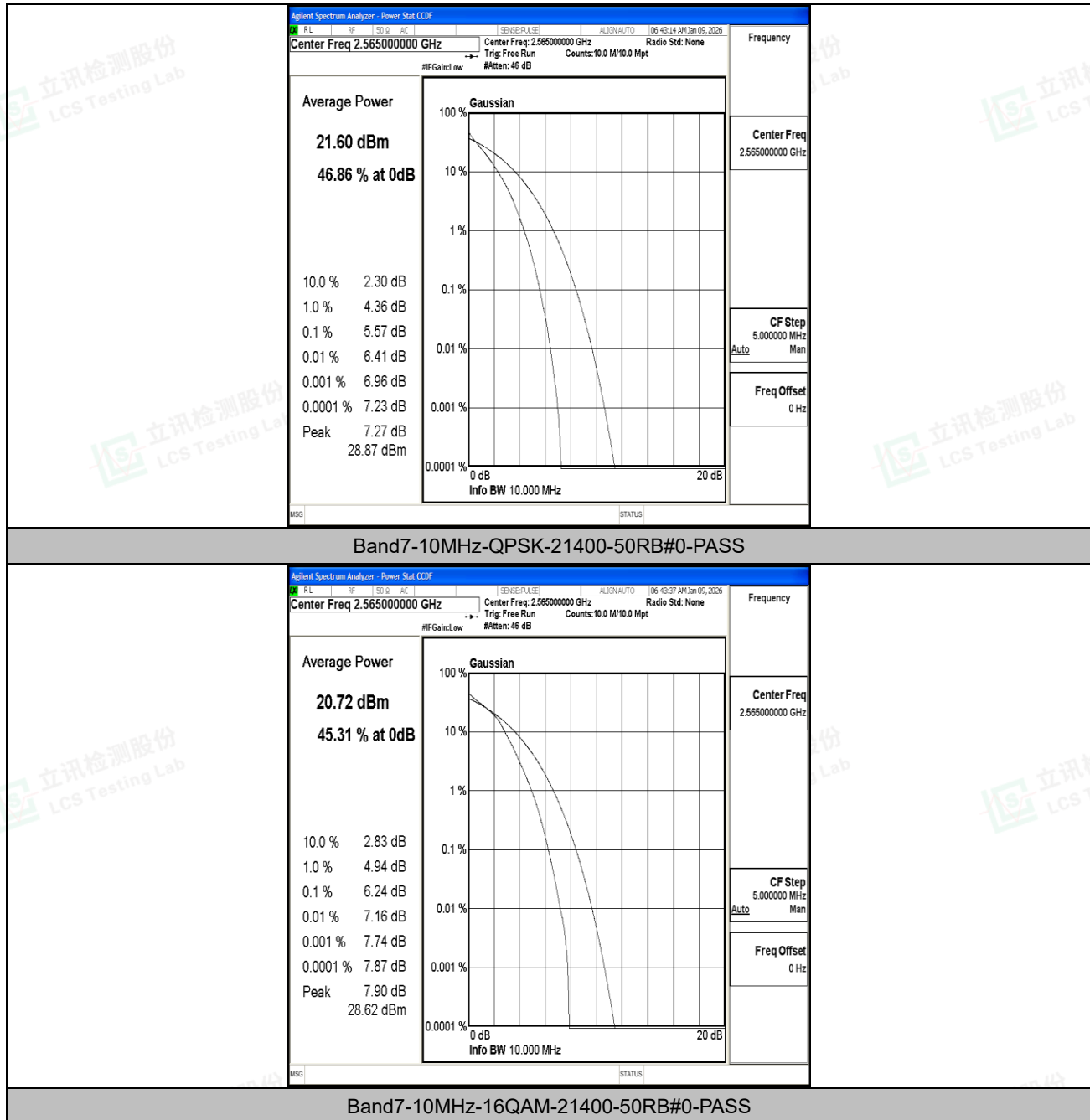


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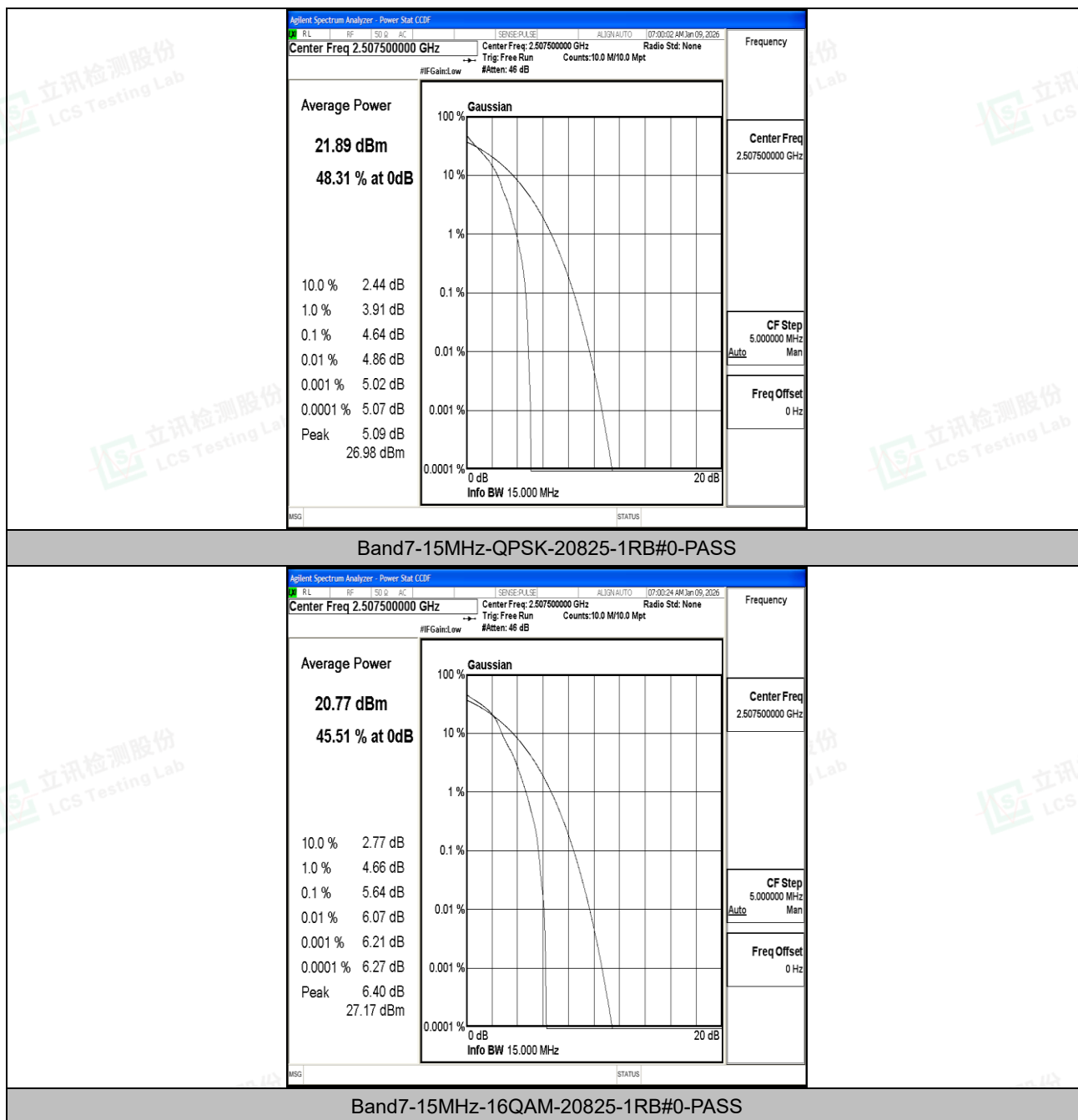


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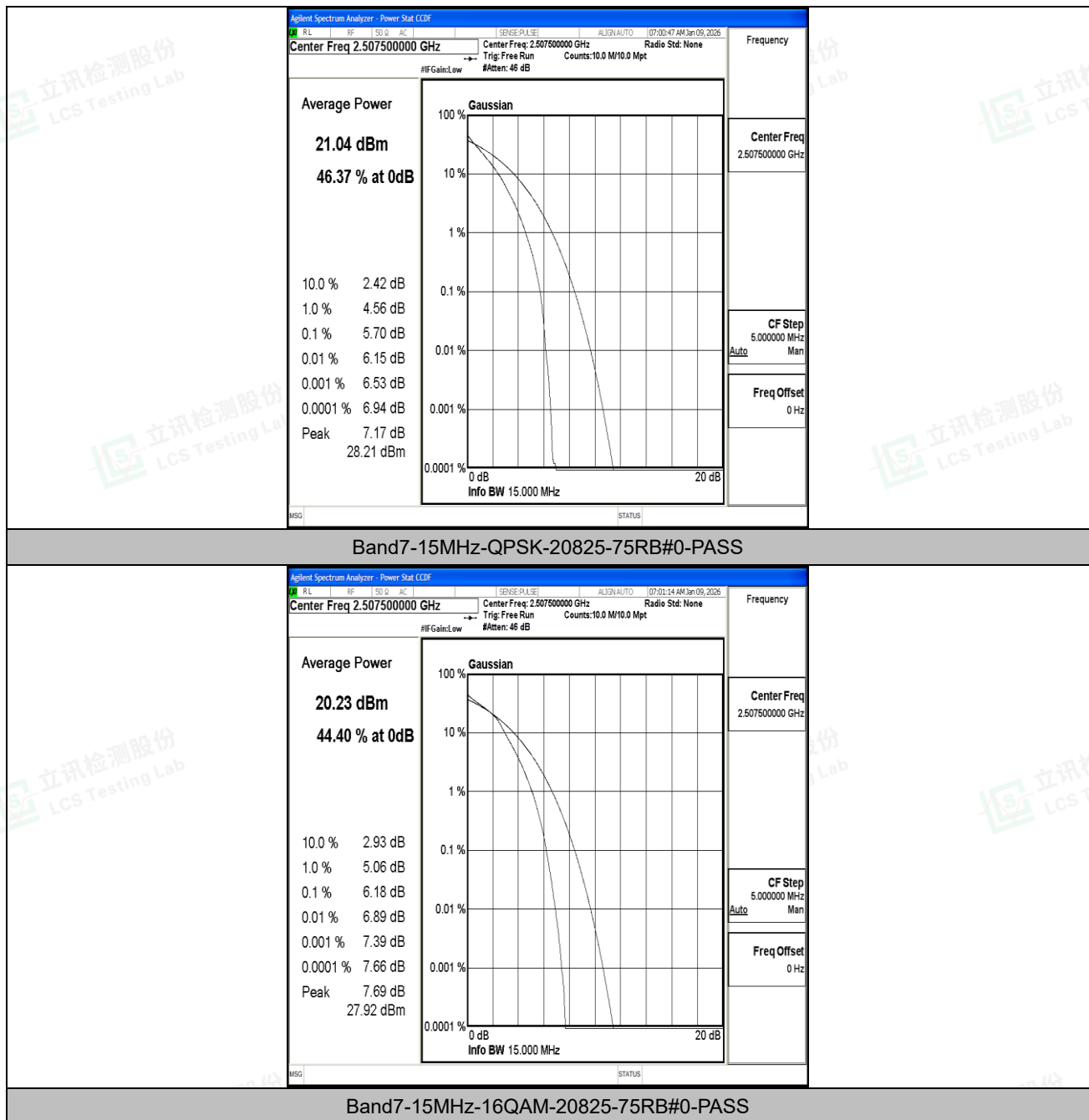


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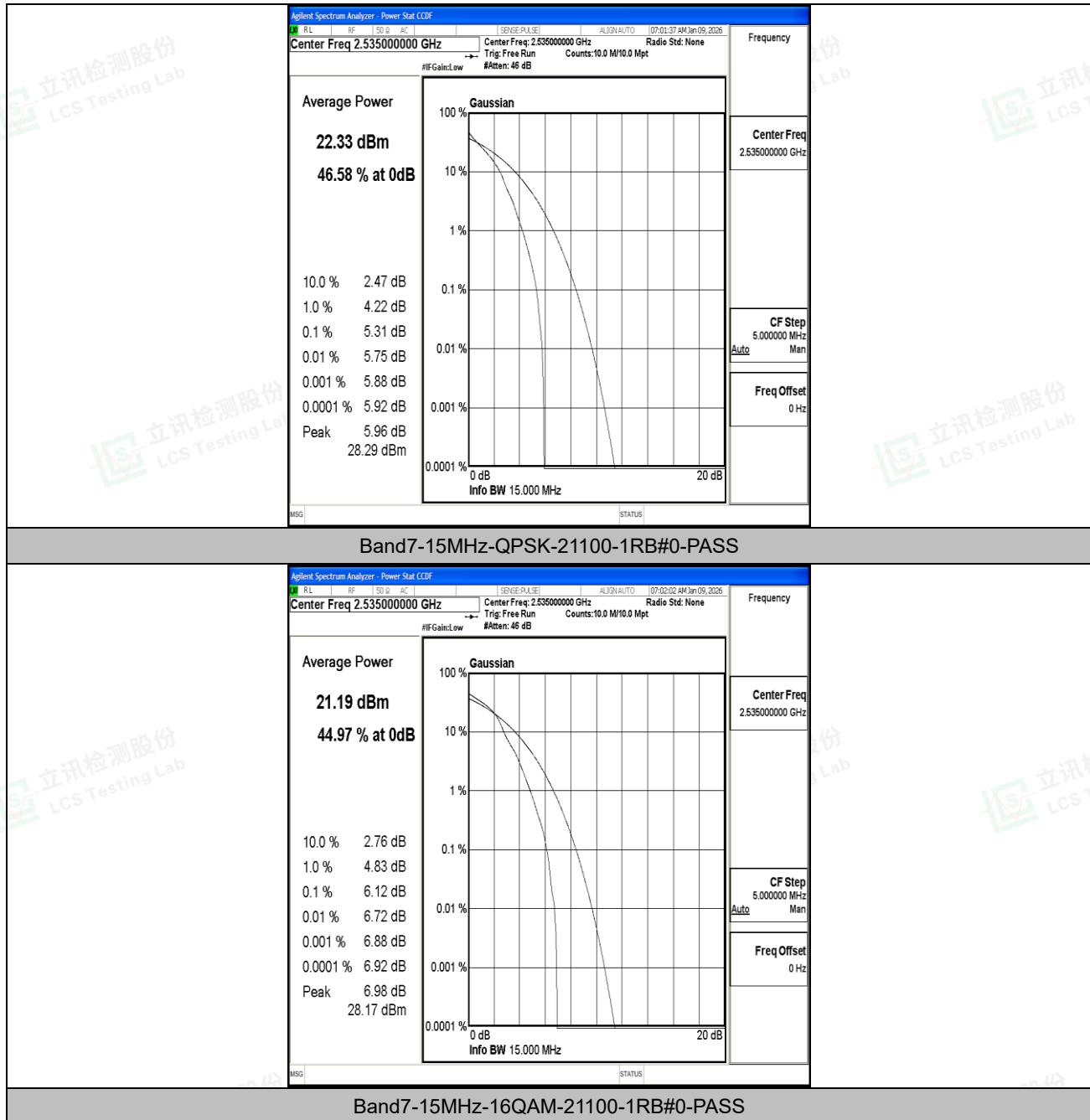


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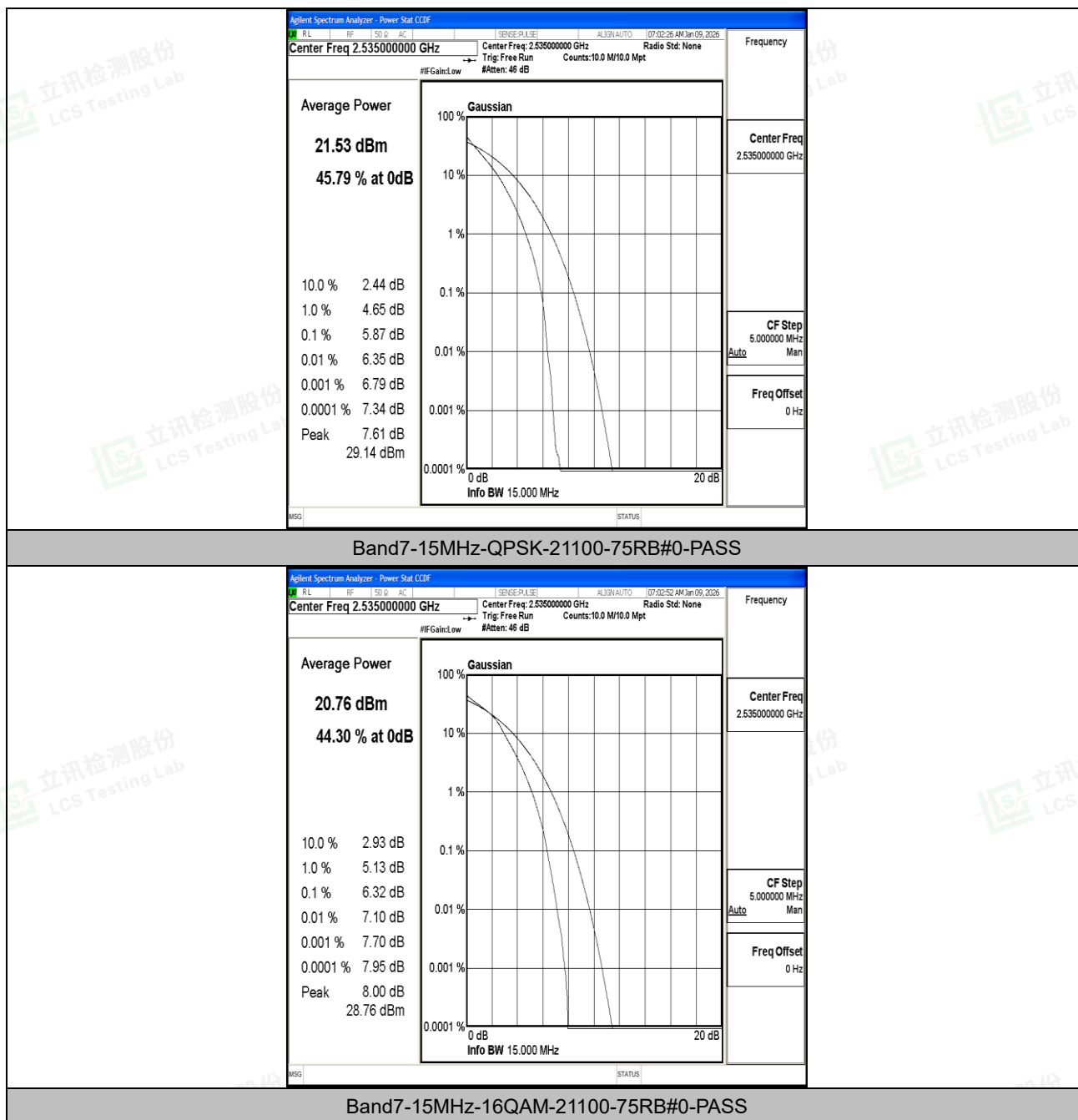


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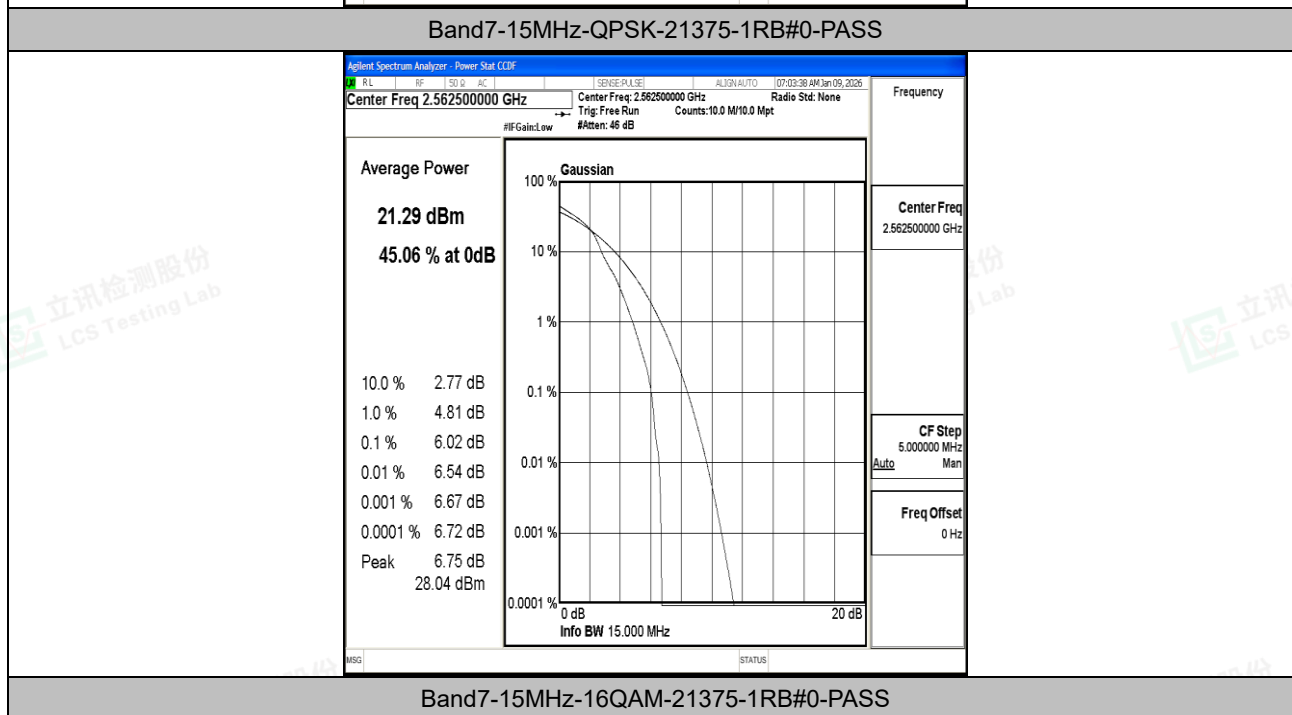
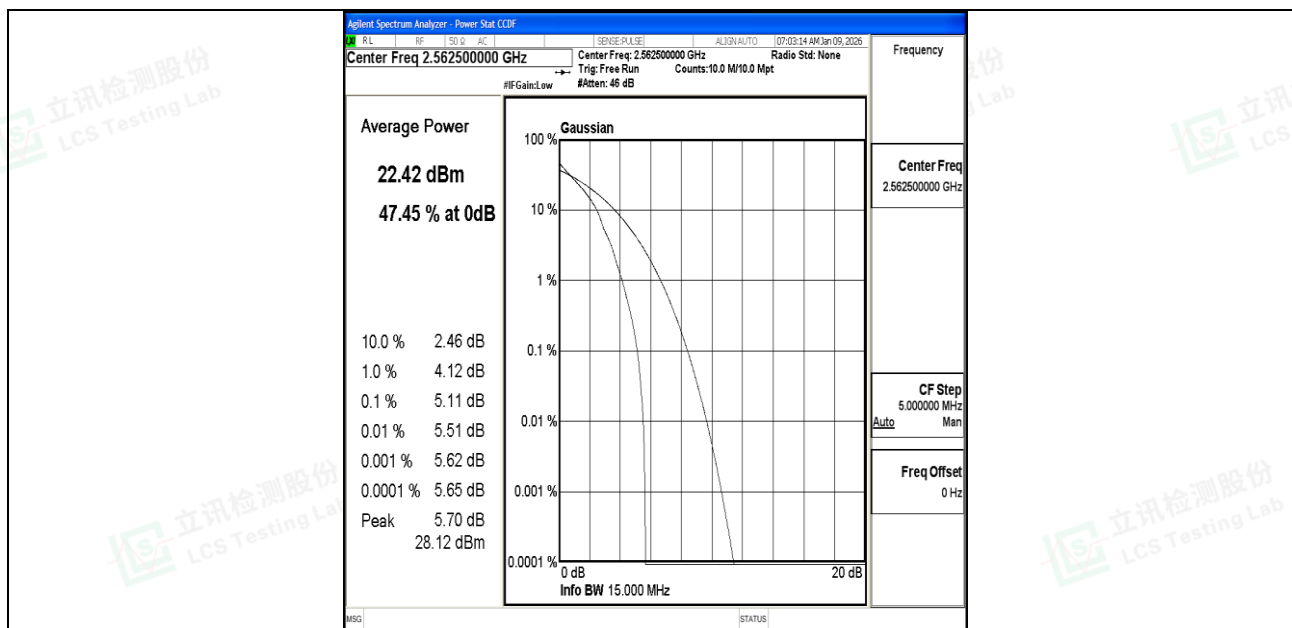


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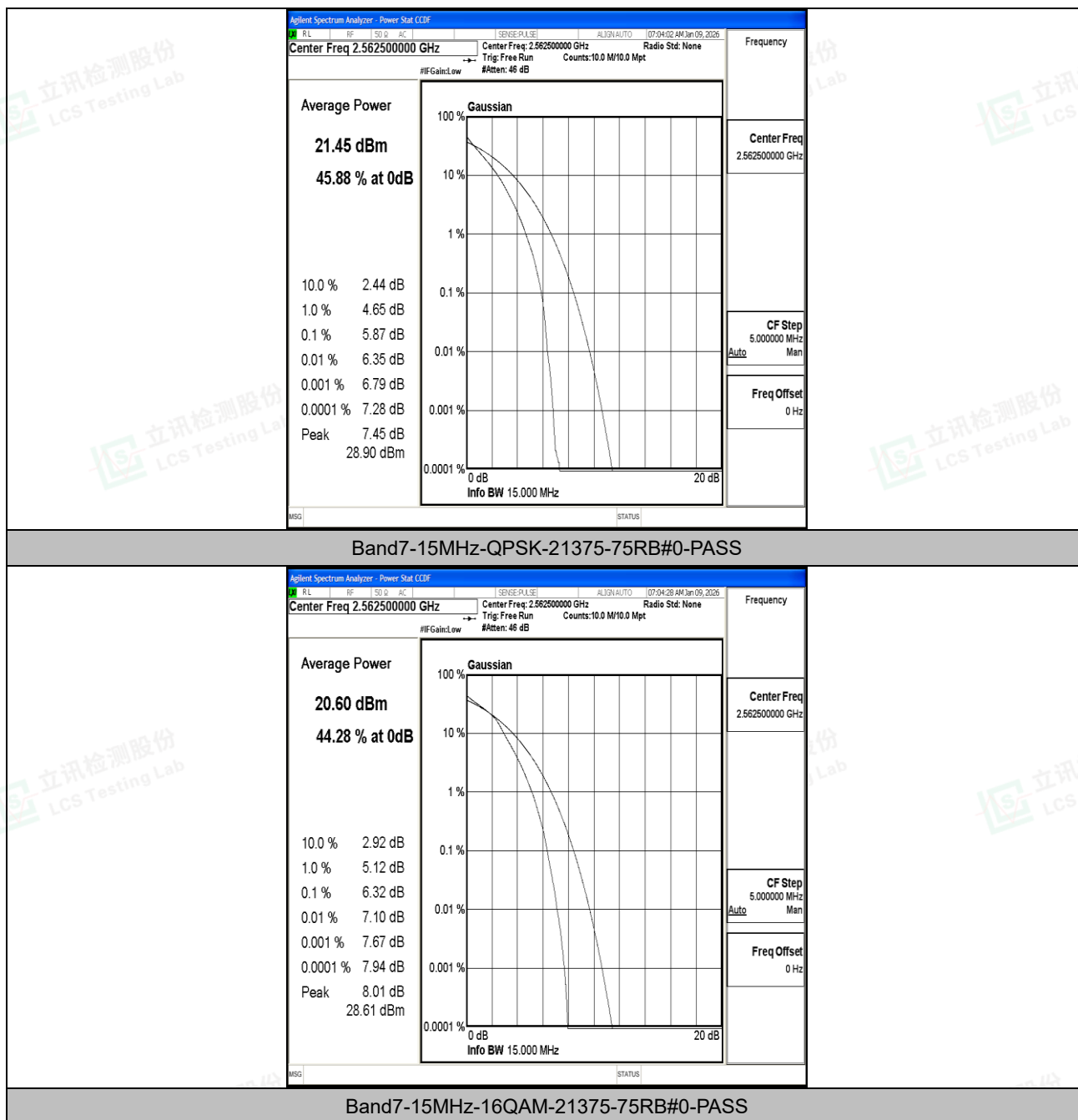


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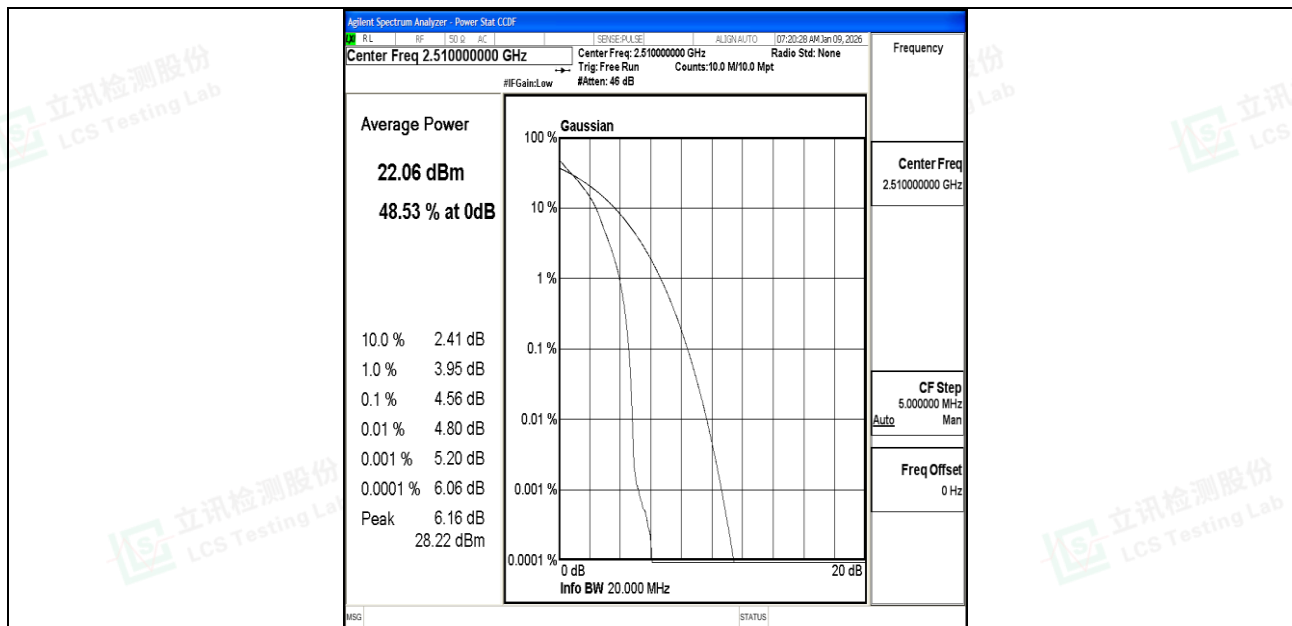


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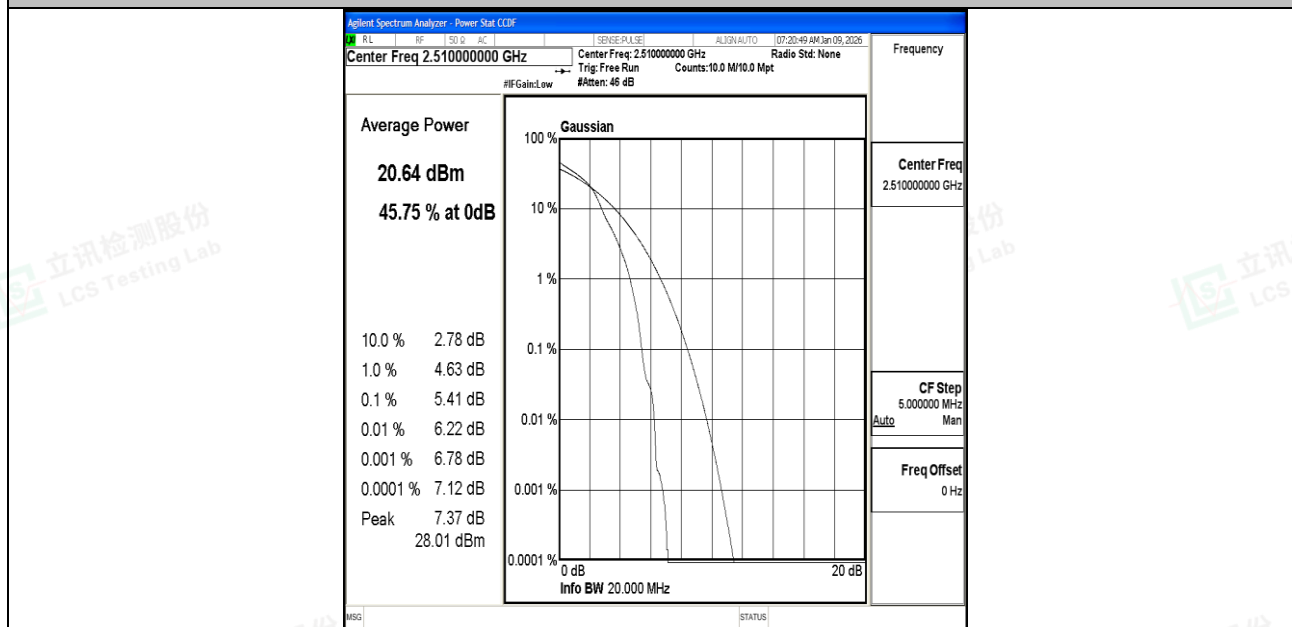
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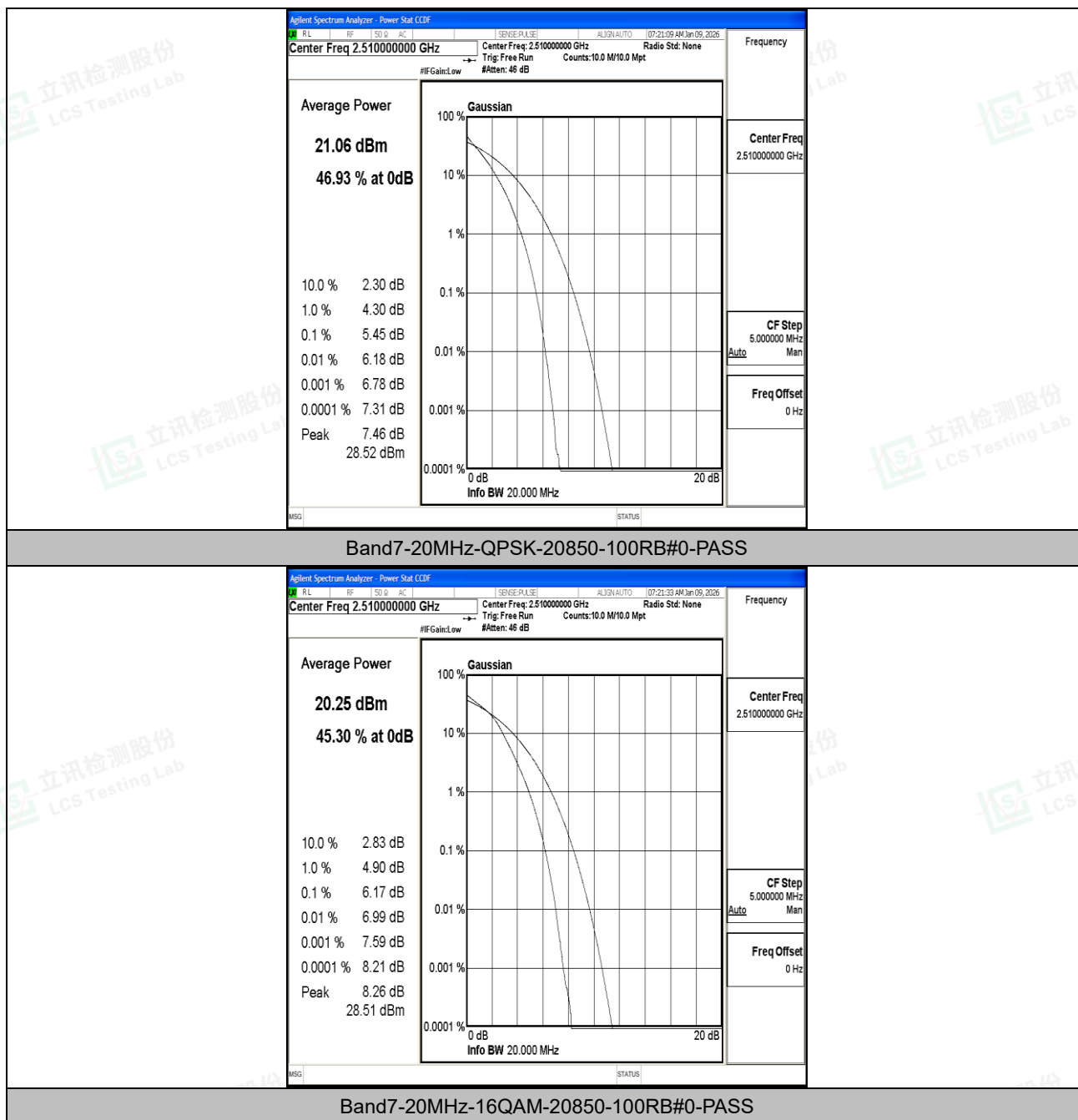


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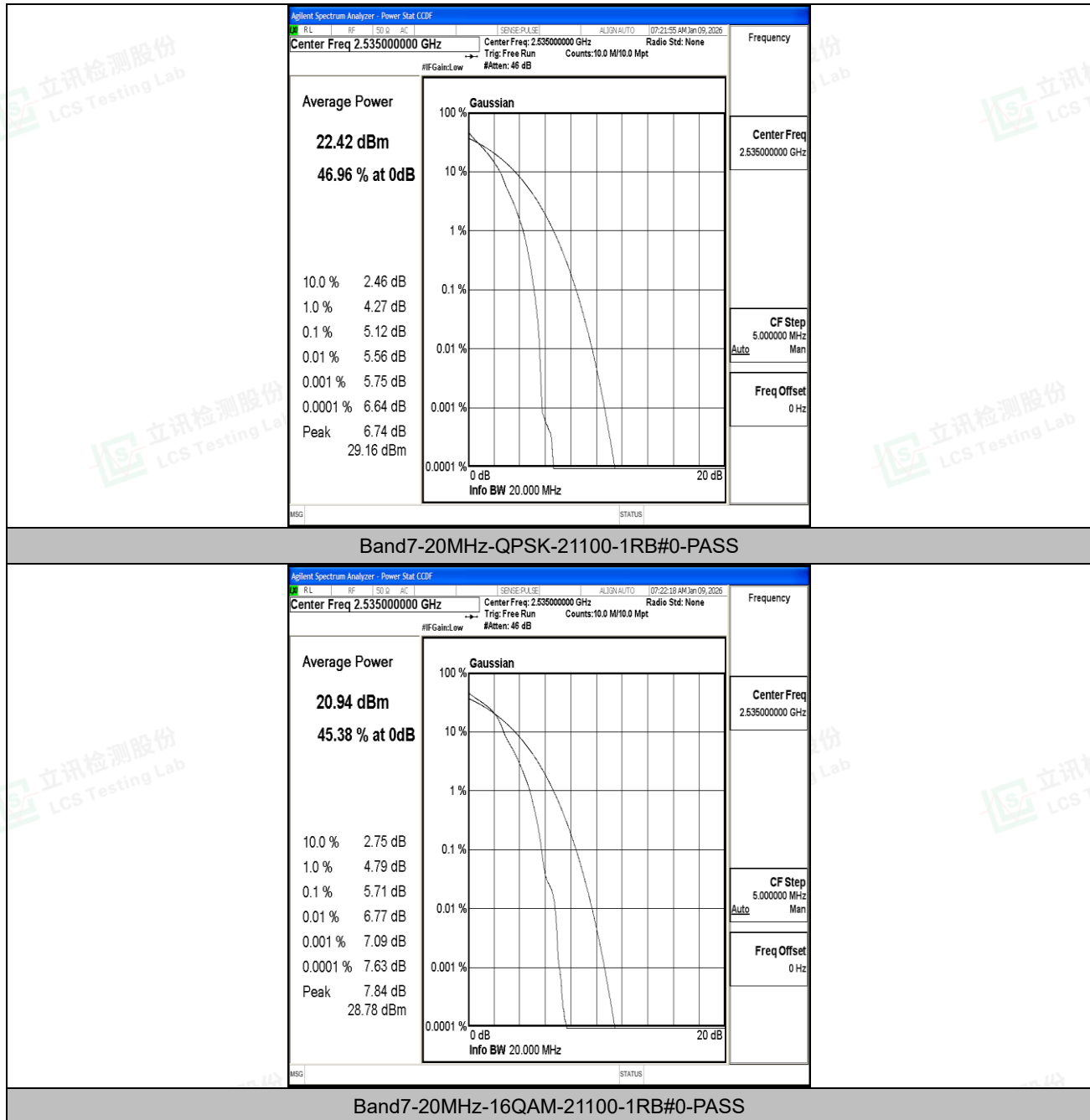


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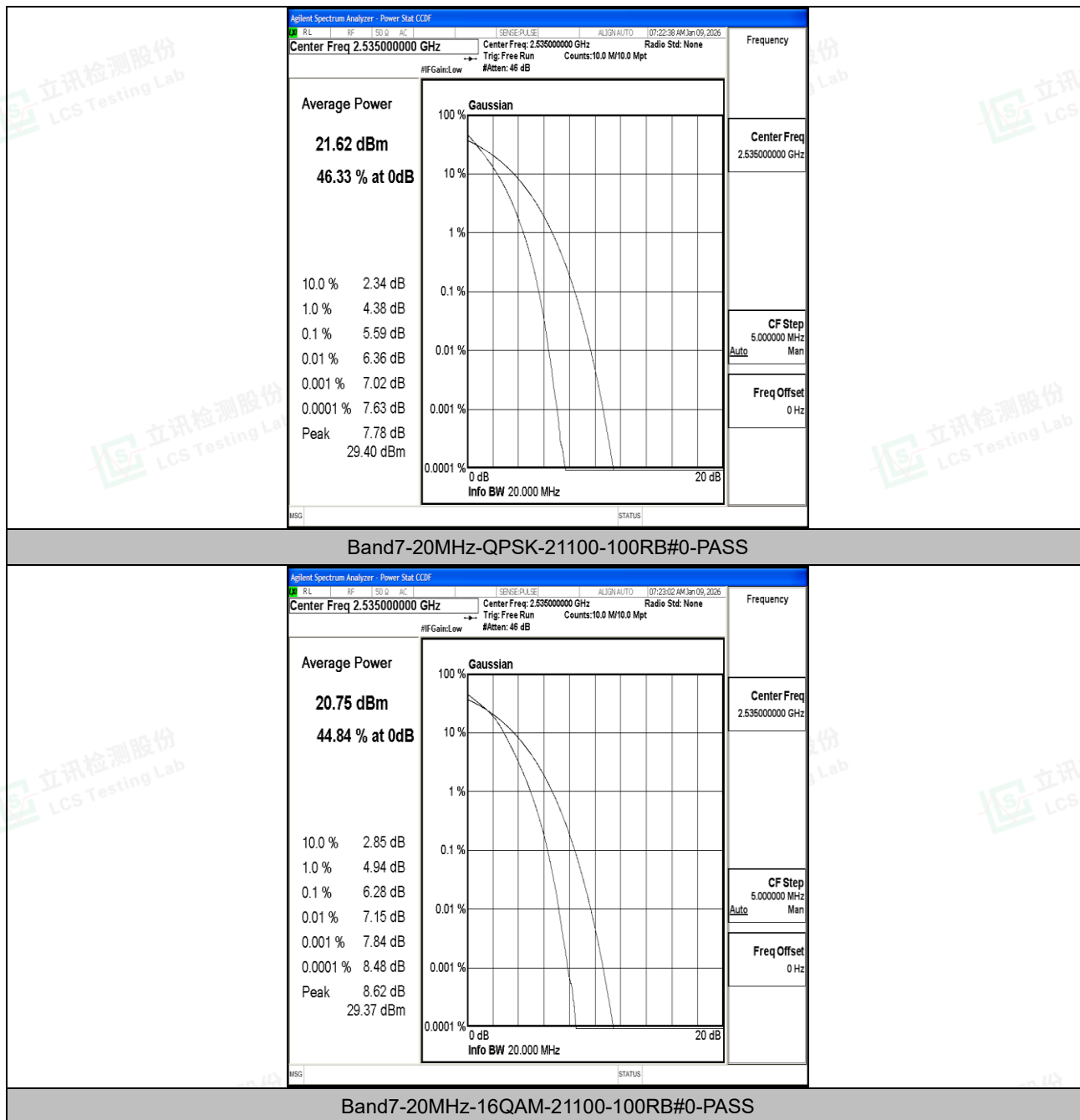


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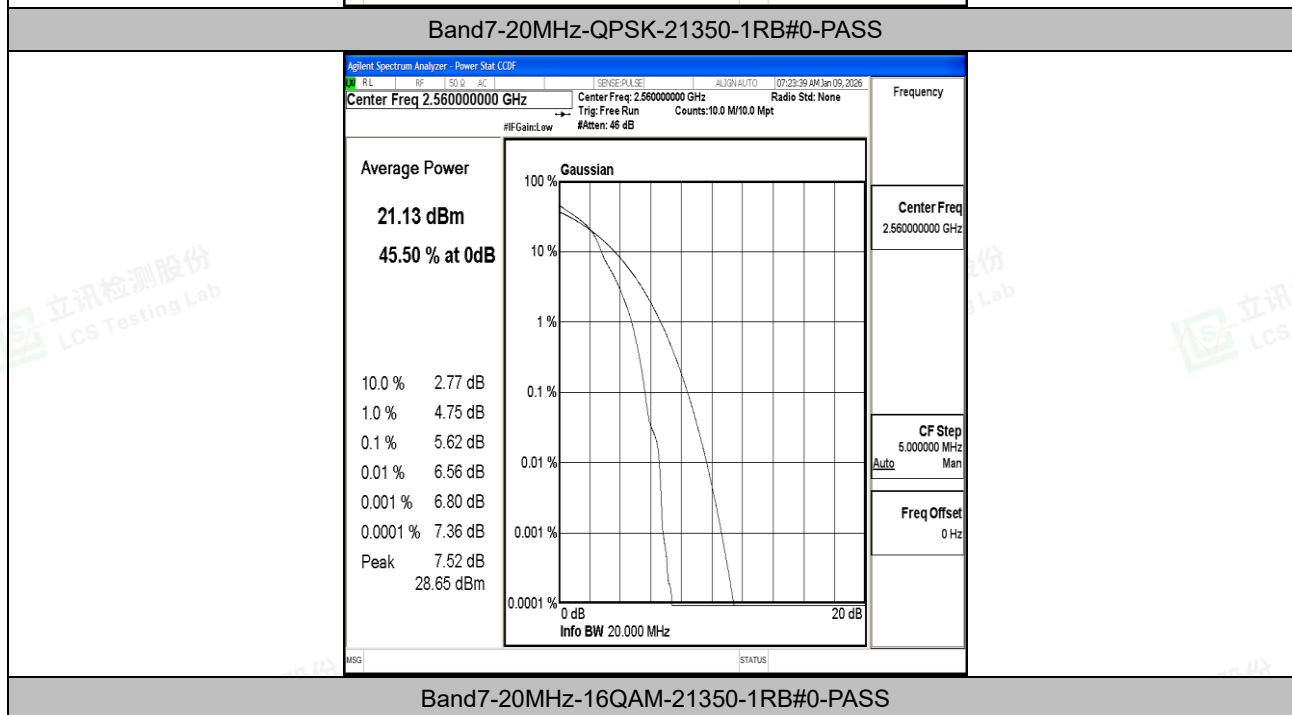
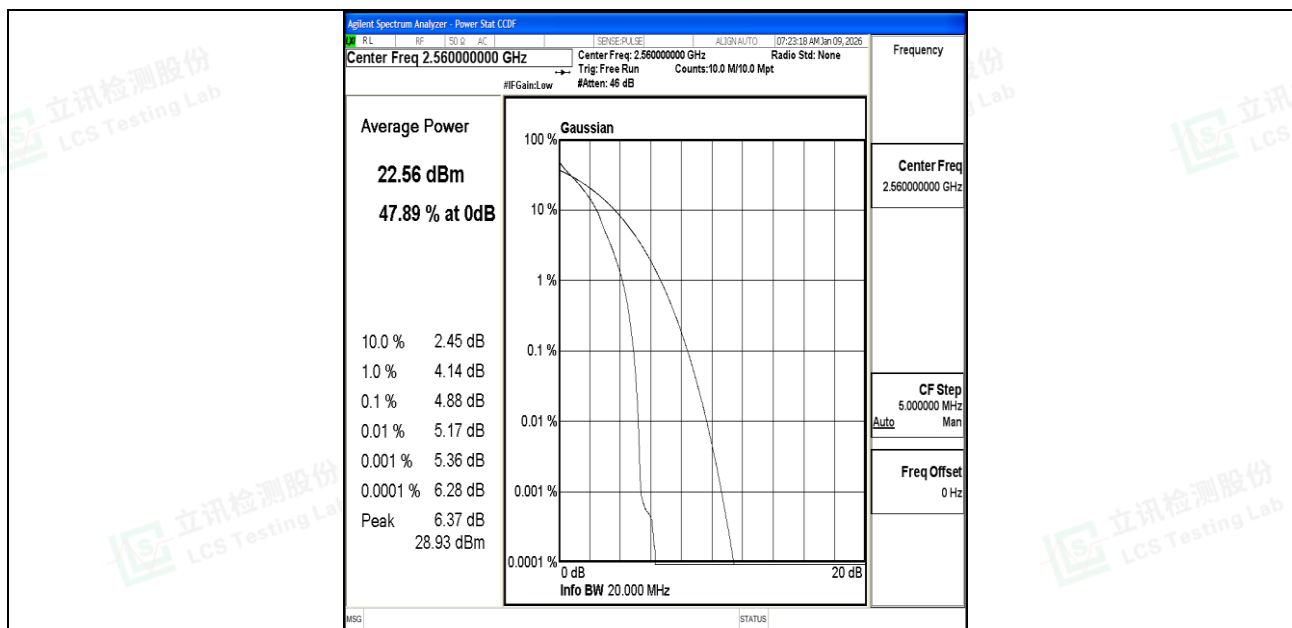


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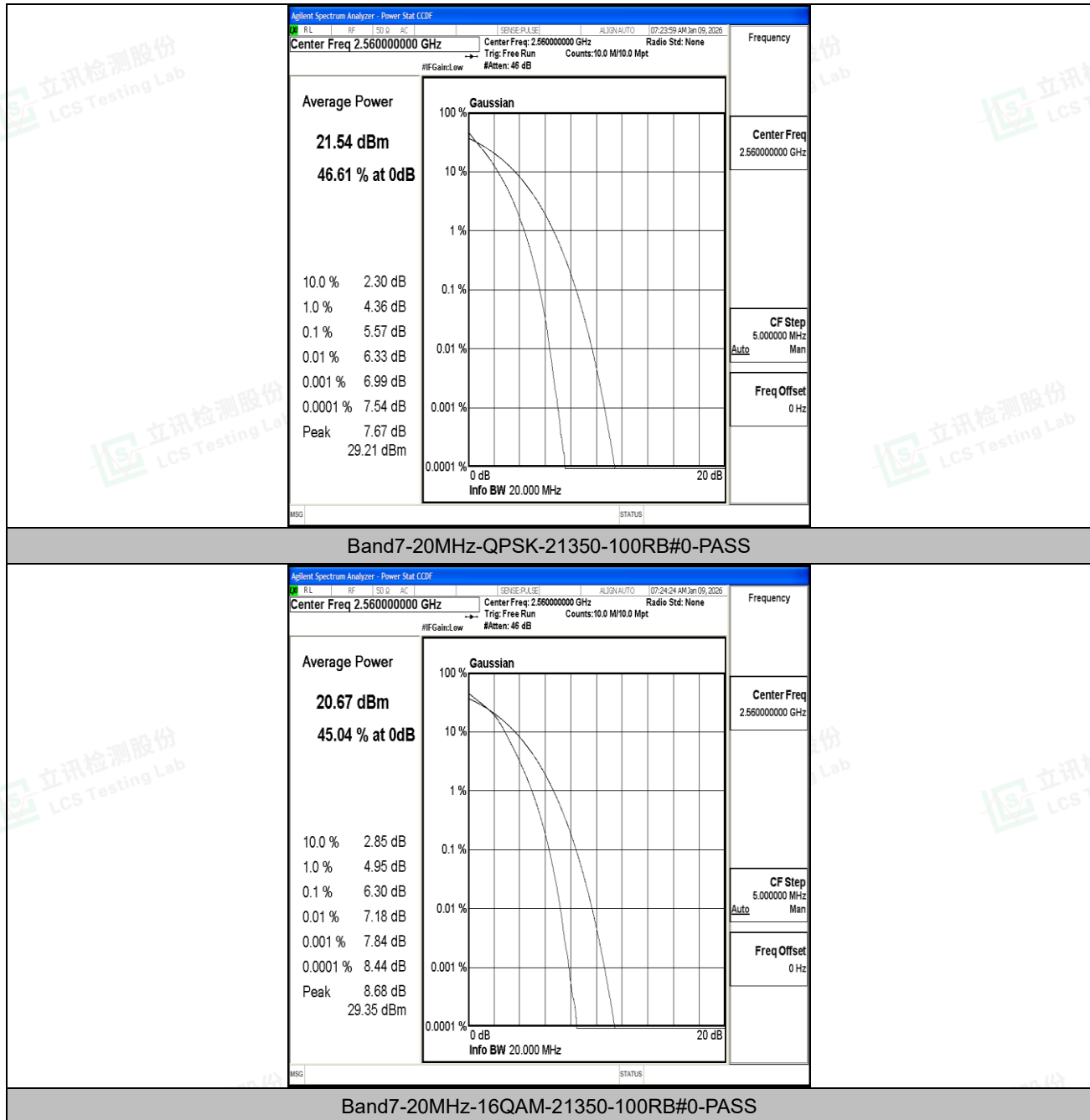


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I.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5129	4.979	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5017	4.958	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5029	4.970	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5028	4.985	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5019	4.984	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5048	4.998	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9941	9.884	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9728	9.890	PASS
Band7	10MHz	QPSK	21100	50RB#0	9.0123	9.852	PASS
Band7	10MHz	16QAM	21100	50RB#0	9.0012	9.952	PASS
Band7	10MHz	QPSK	21400	50RB#0	9.0141	9.903	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9982	9.920	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.482	14.99	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.482	14.87	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.523	14.90	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.537	14.96	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.513	14.94	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.461	14.88	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.962	19.78	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.995	19.75	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.984	19.81	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.038	19.67	PASS
Band7	20MHz	QPSK	21350	100RB#0	18.063	19.80	PASS
Band7	20MHz	16QAM	21350	100RB#0	18.021	19.73	PASS



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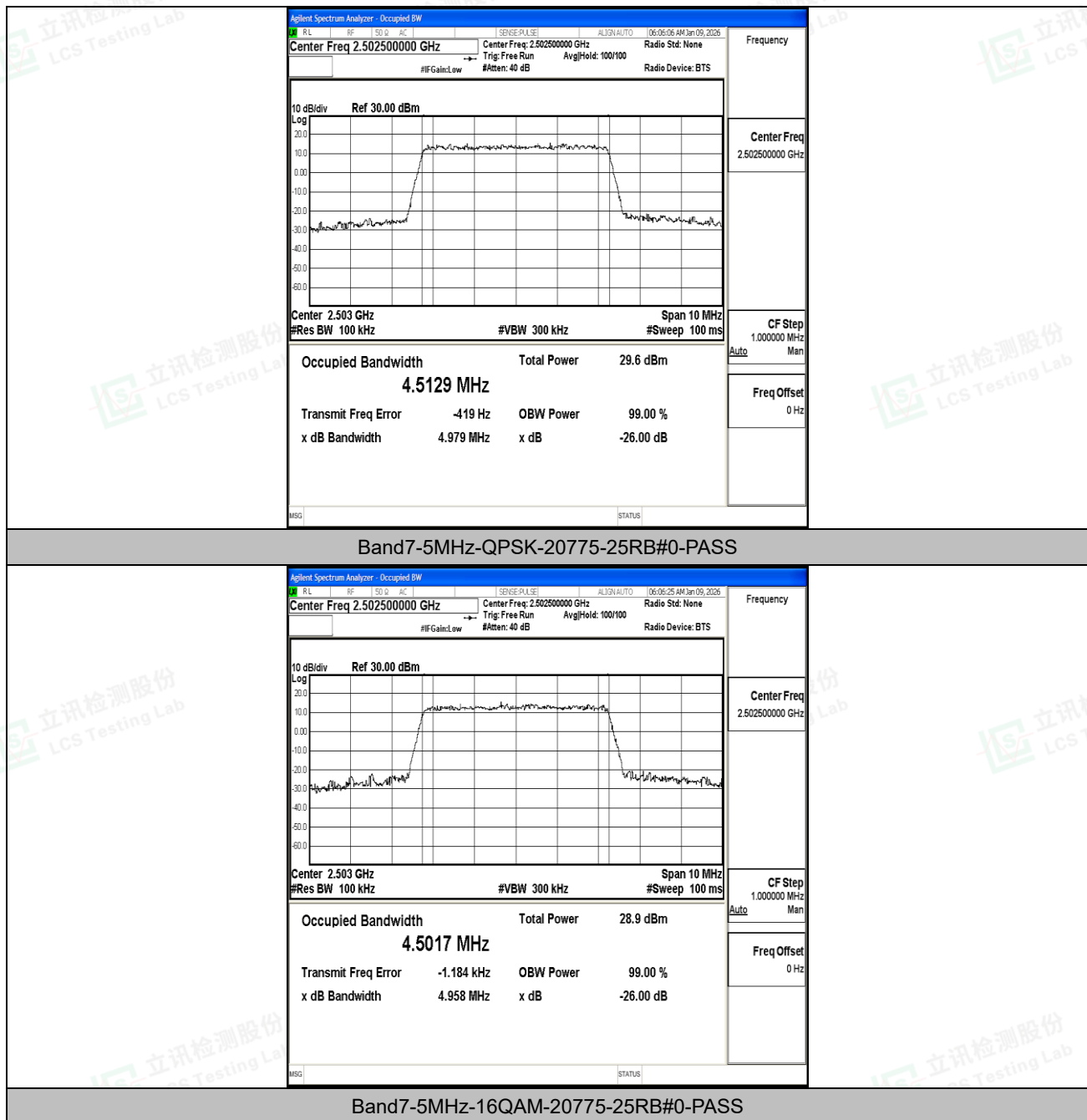
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Test Graphs

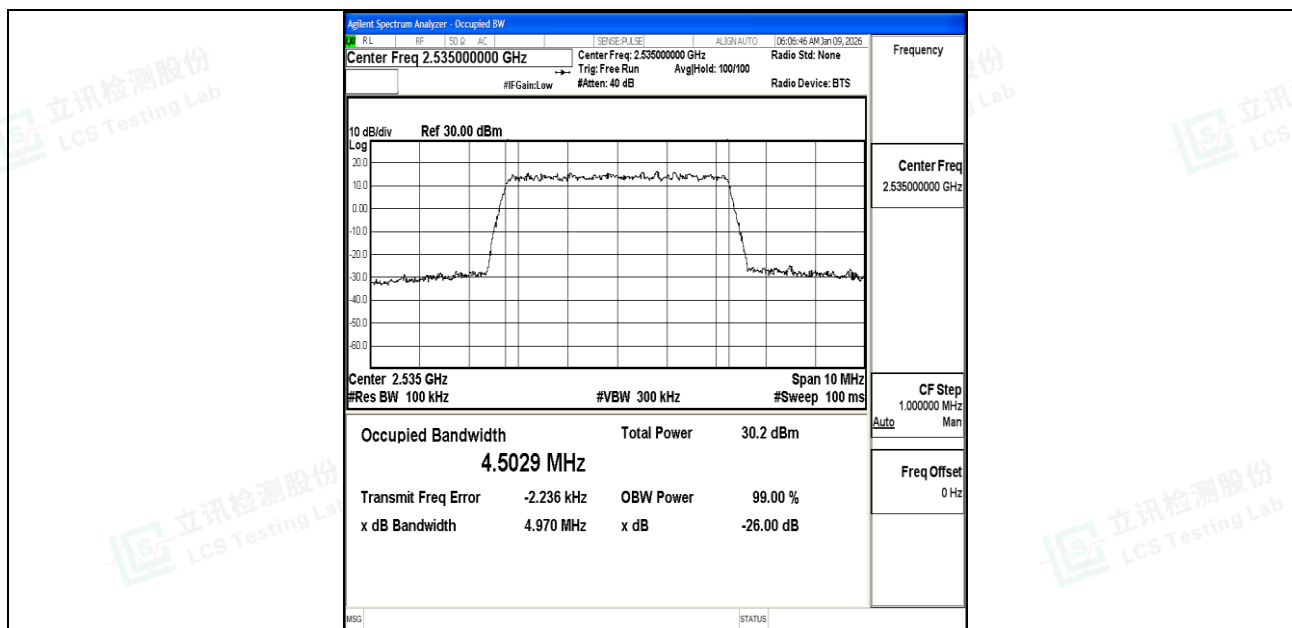


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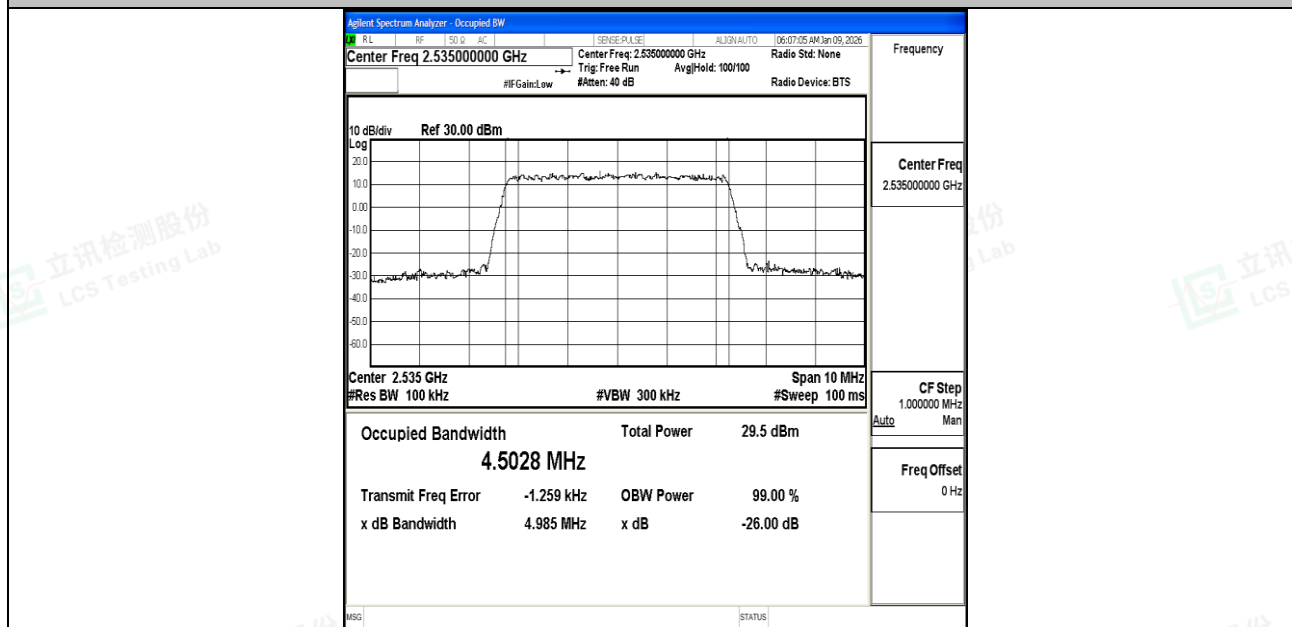
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Band7-5MHz-16QAM-21100-25RB#0-PASS

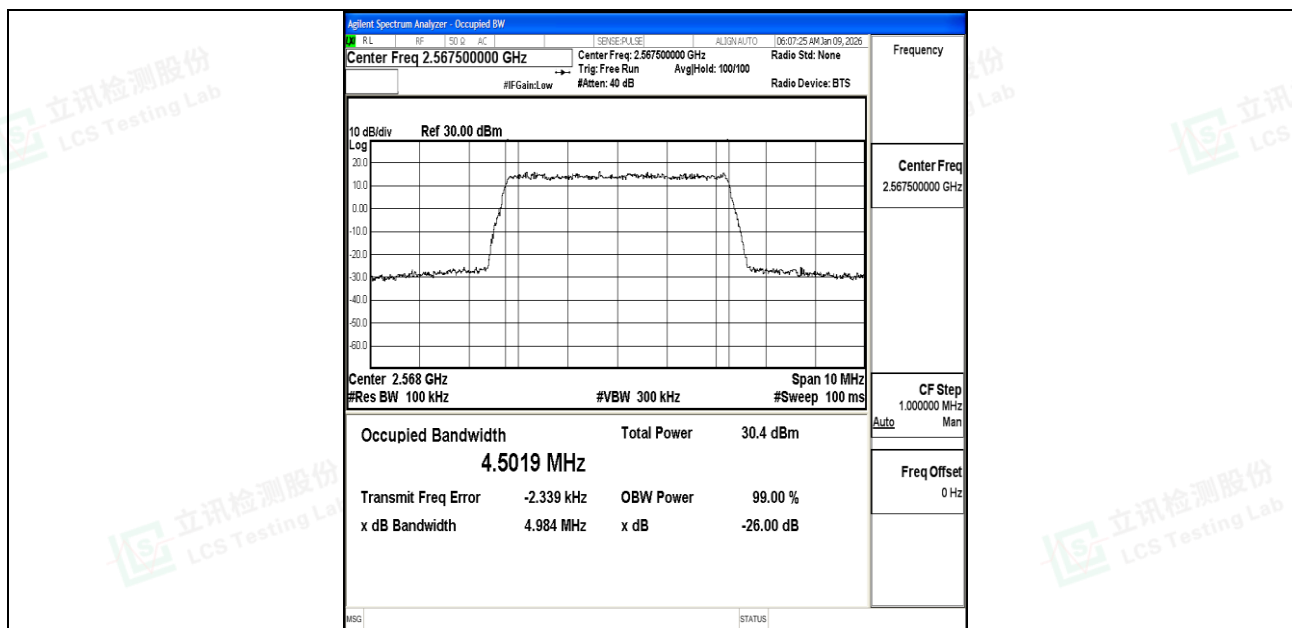


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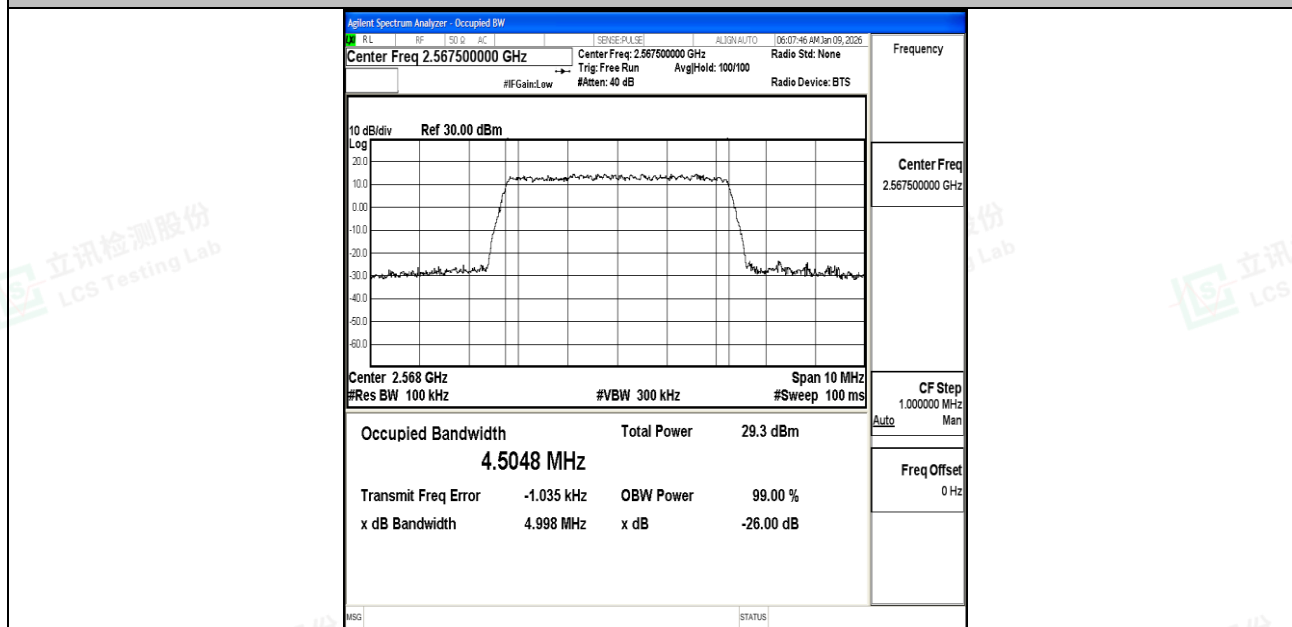
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Band7-5MHz-QPSK-21425-25RB#0-PASS



Band7-5MHz-16QAM-21425-25RB#0-PASS

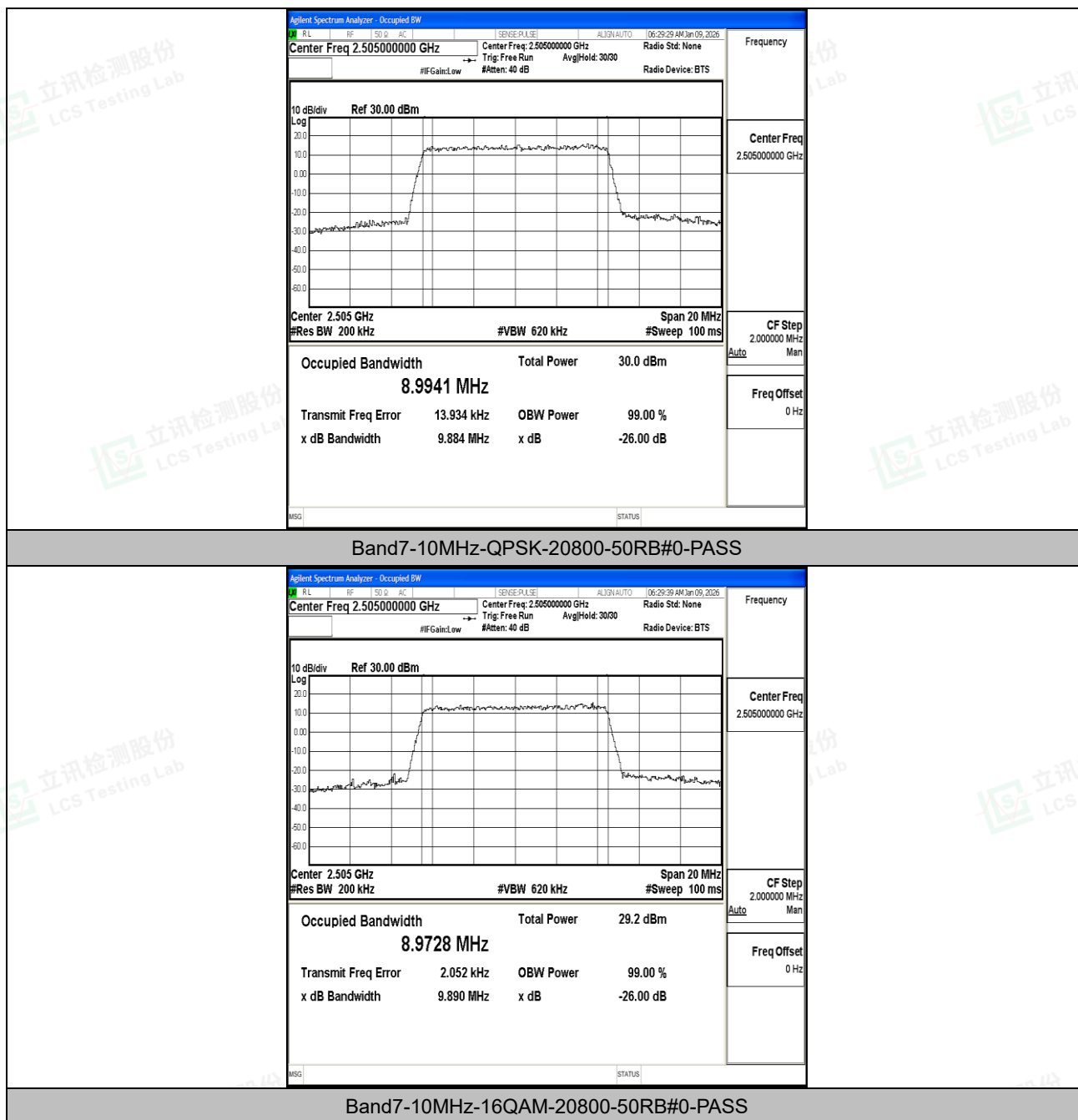


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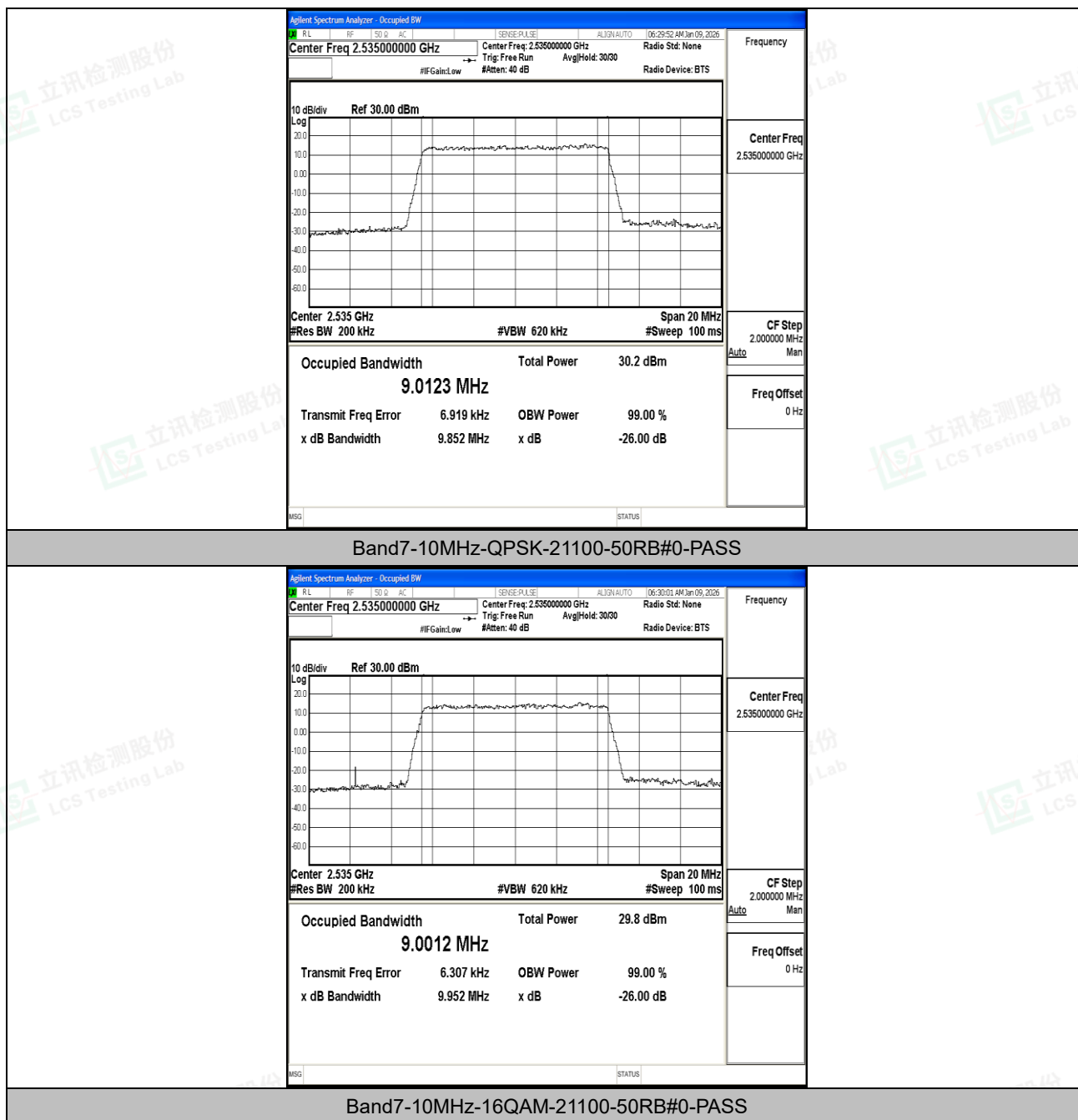


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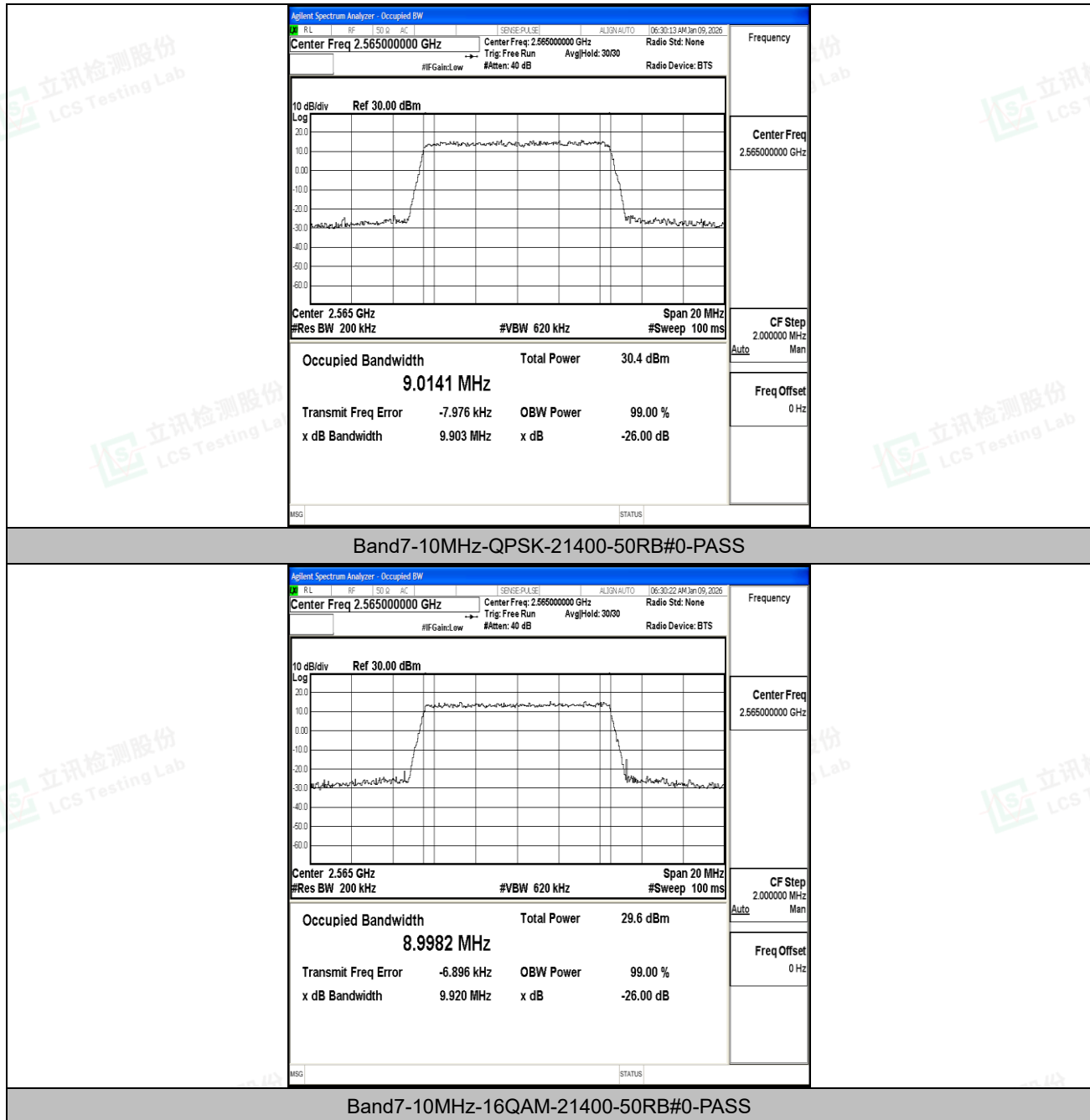


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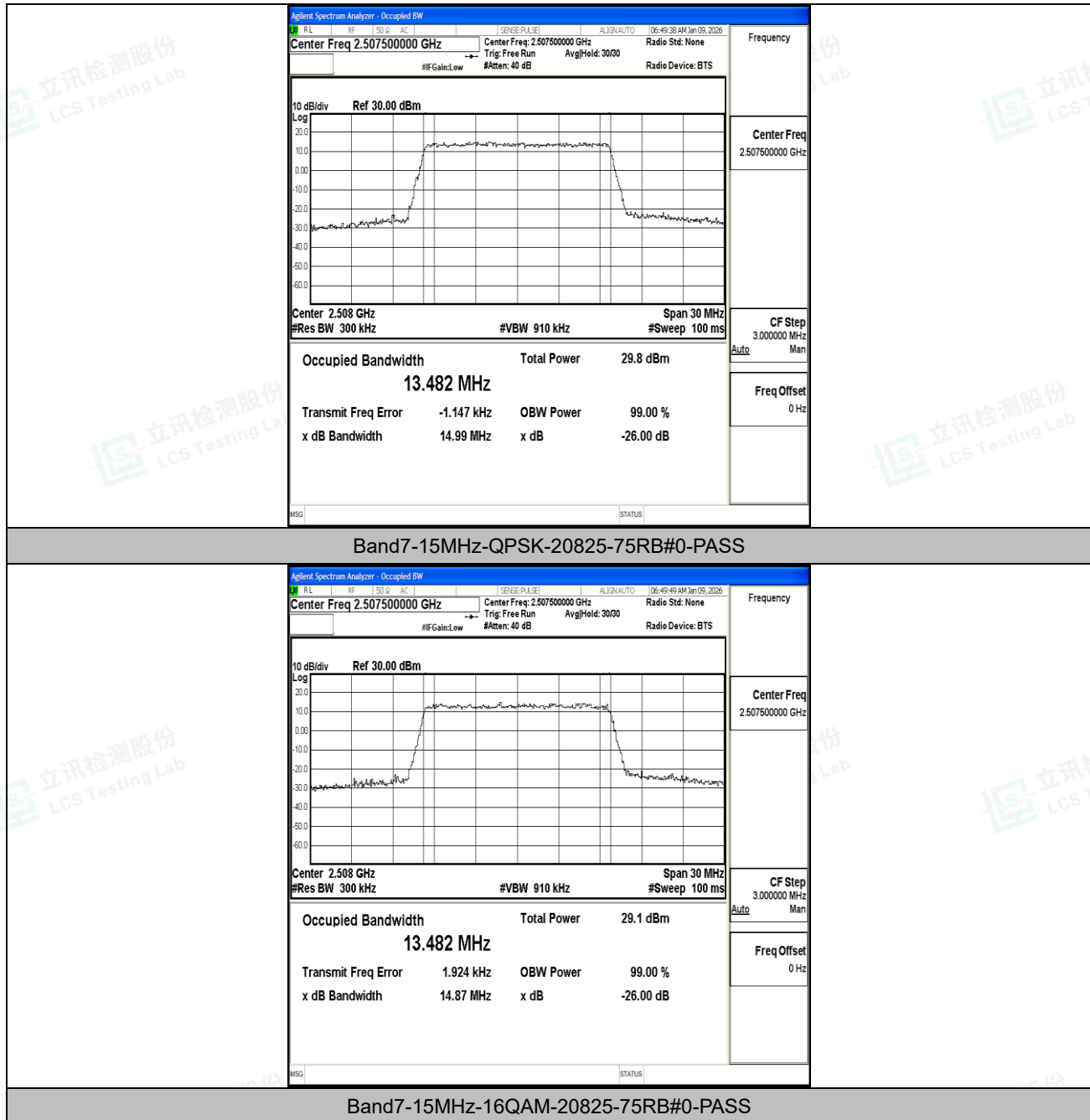


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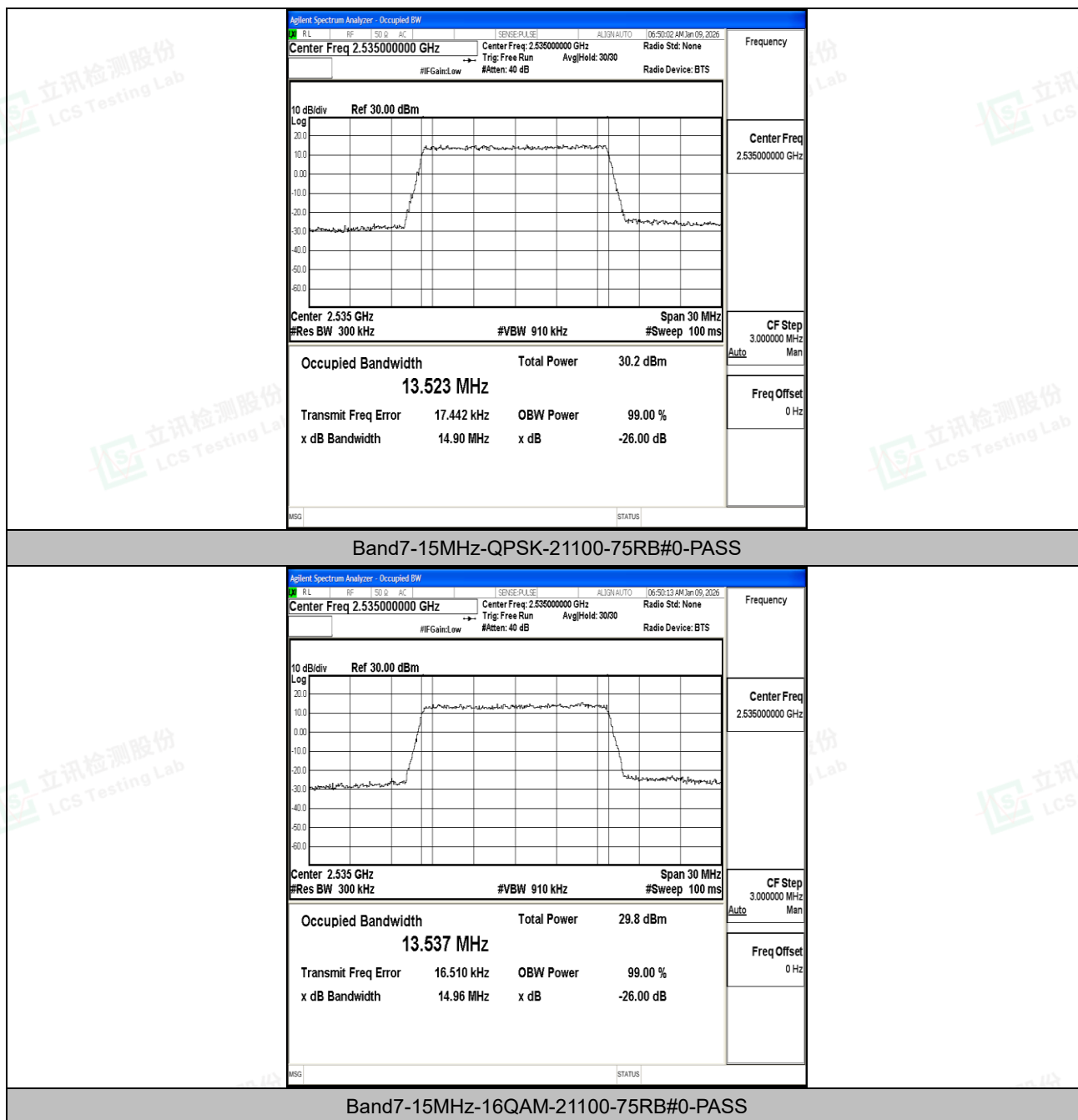


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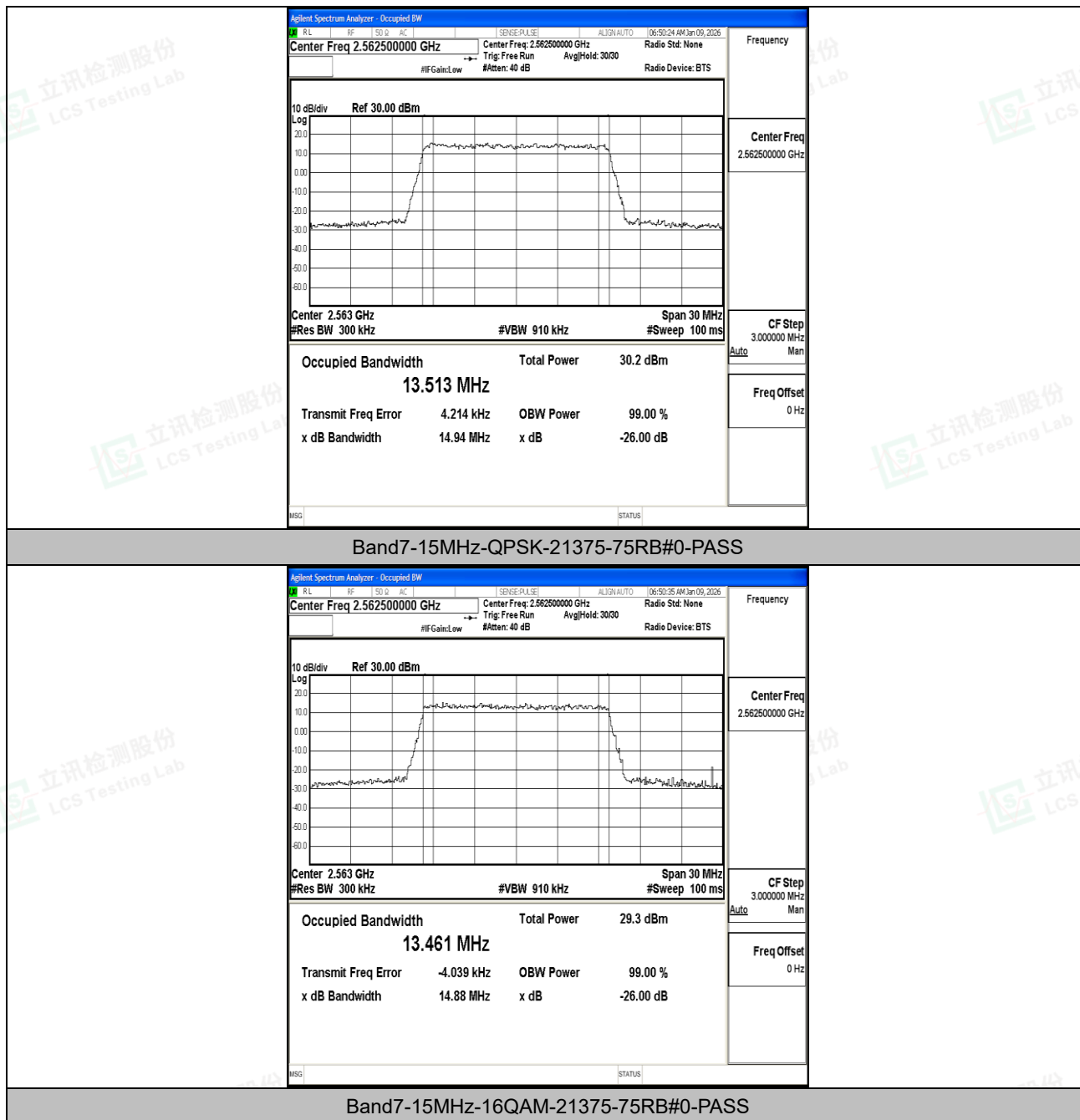


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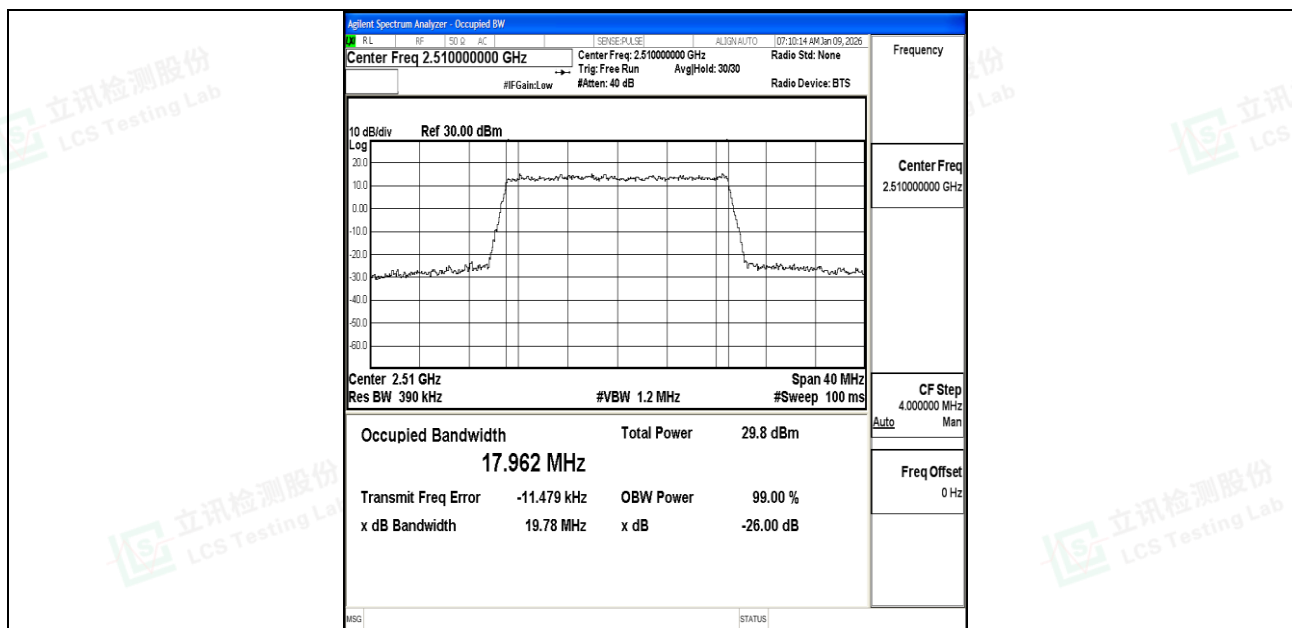


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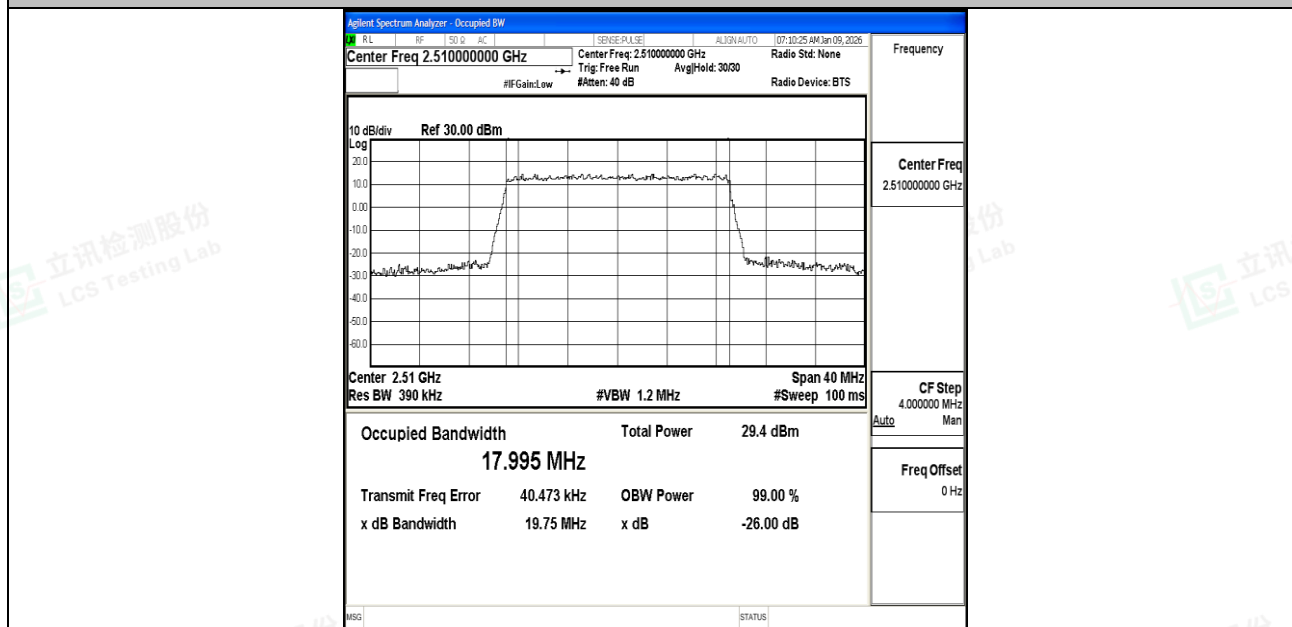
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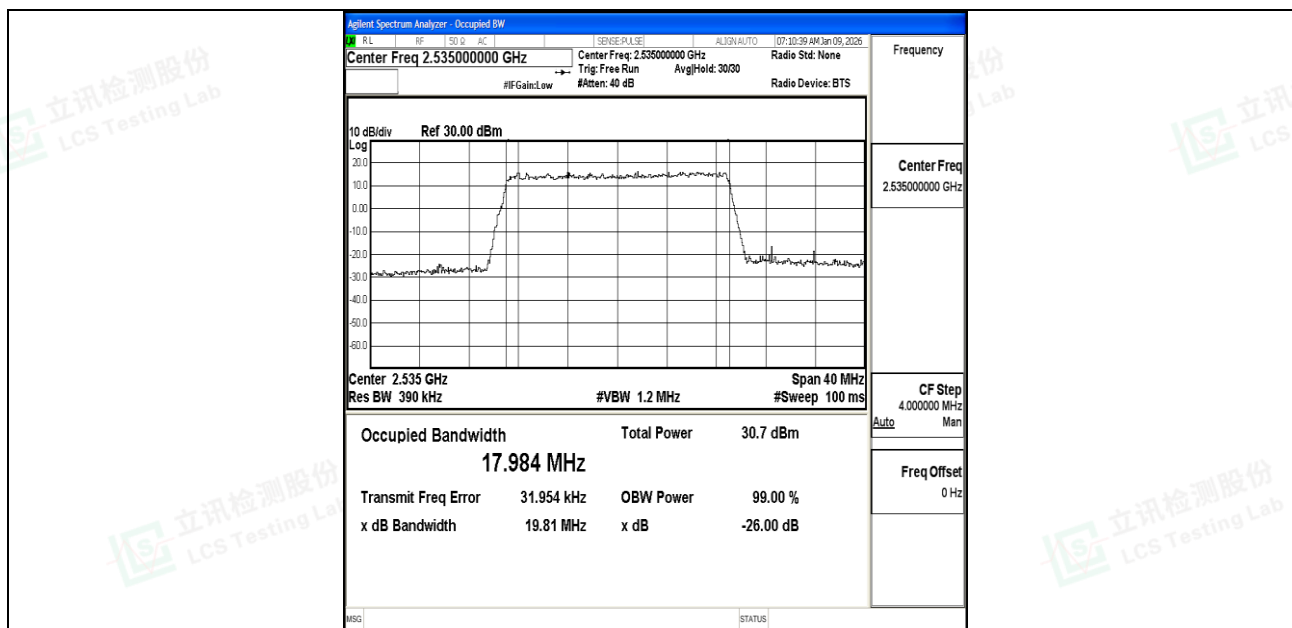


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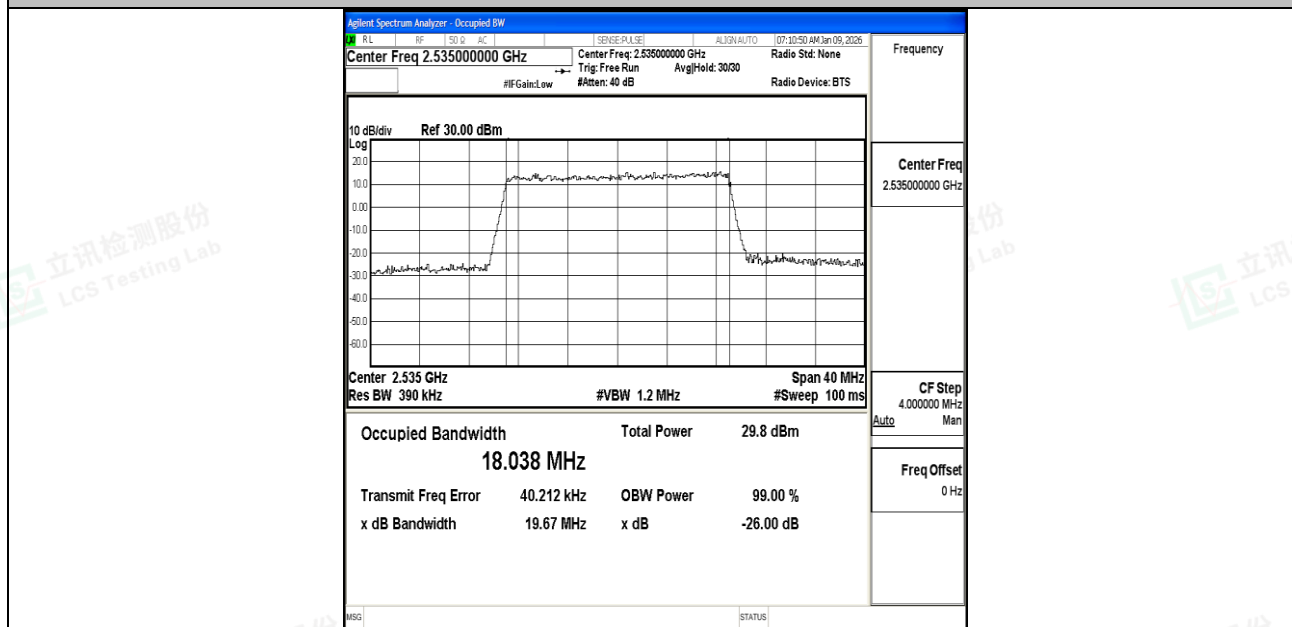
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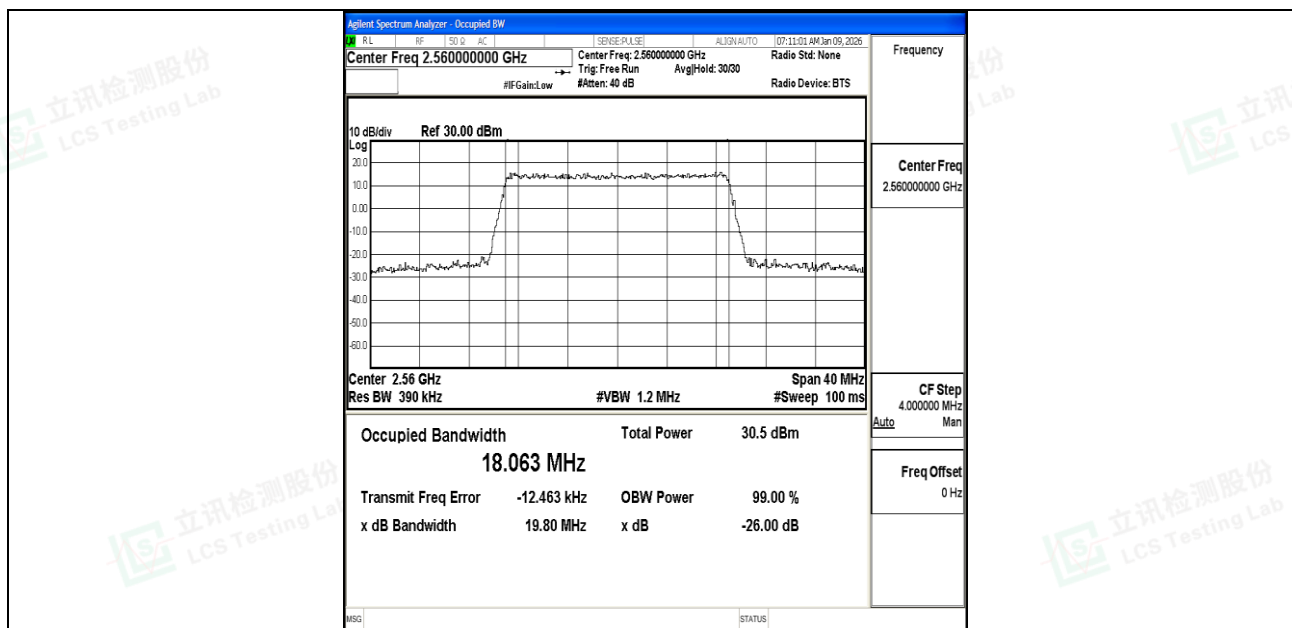


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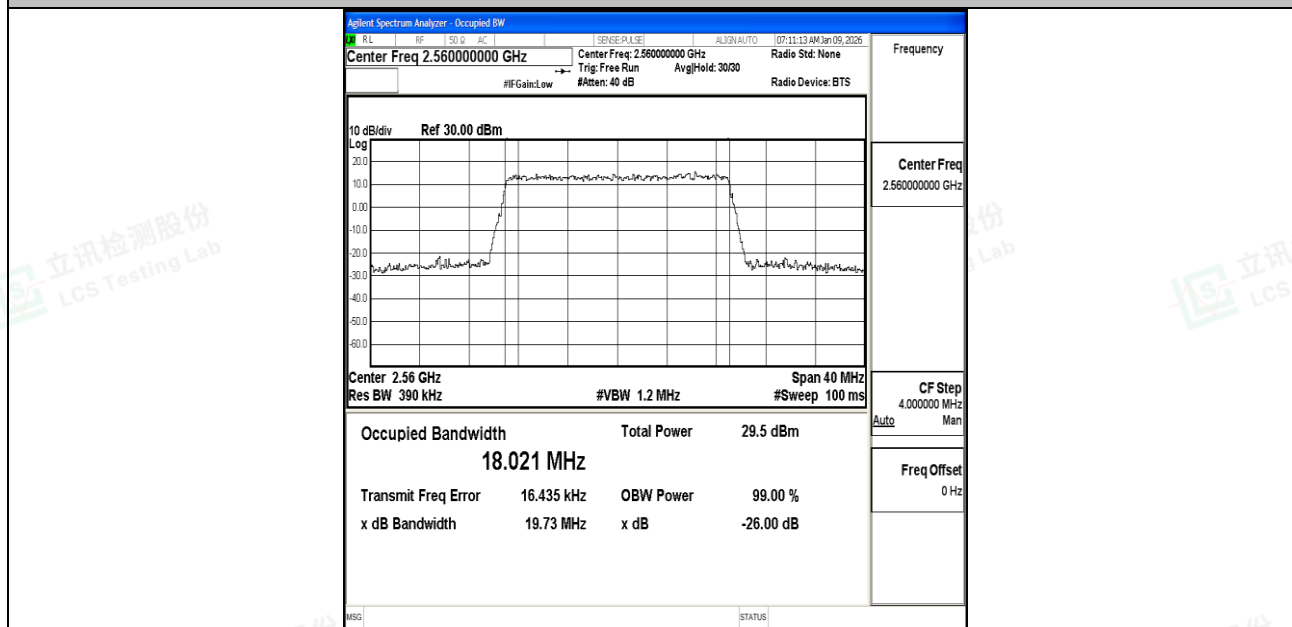
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