



Appendix I: Test Data for E-UTRA Band 12

Product Name: POC radio/4G Network intercom

Test Model: CJ-1UV

Environmental Conditions

Temperature:	23.4°C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Jay Luo
Supervised by:	Paddi Chen



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I.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.36	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.11	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.32	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.11	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.31	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.49	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.09	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.48	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.30	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.21	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.38	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.16	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.38	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.70	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	22.92	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.45	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.04	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.68	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	22.91	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.61	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.19	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.11	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.04	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.04	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.04	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.02	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.25	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.35	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.85	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.49	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.85	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.86	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.95	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.80	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.00	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.06	PASS



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Band12	1.4MHz	QPSK	23173	3RB#1	22.95	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	21.90	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	22.94	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	21.86	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.12	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.56	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.16	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.98	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.04	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.19	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.98	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.12	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.19	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.58	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.19	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.42	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.18	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.40	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.17	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.41	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.02	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.81	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.00	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.13	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.20	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.11	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.05	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.41	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.03	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.53	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.01	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.47	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.05	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.09	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.92	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.51	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.89	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.42	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.86	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.41	PASS





Band12	3MHz	QPSK	23165	8RB#0	21.95	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.34	PASS
Band12	3MHz	QPSK	23165	8RB#4	21.95	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.33	PASS
Band12	3MHz	QPSK	23165	8RB#7	21.93	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.33	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.02	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.22	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.14	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.85	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.01	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.80	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.03	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.56	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.20	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.36	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.20	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.36	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.05	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.24	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.16	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.43	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.80	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.34	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.81	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.39	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.78	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.35	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.01	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.26	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.01	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.24	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.03	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.24	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.11	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.25	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.21	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.98	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.16	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.93	PASS





Band12	5MHz	QPSK	23155	1RB#24	23.12	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.02	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.03	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.12	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.03	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.10	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.93	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.26	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.03	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.27	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.02	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.01	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.87	PASS
Band12	10MHz	16QAM	23060	1RB#24	21.89	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.89	PASS
Band12	10MHz	16QAM	23060	1RB#49	21.86	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.05	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.27	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.08	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.23	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.04	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.16	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.04	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.36	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.26	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.18	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.08	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.14	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.07	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.09	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.08	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.36	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.09	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.34	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.06	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.34	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.12	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.33	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.85	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.80	PASS





Band12	10MHz	QPSK	23130	1RB#24	22.78	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.19	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.92	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.31	PASS
Band12	10MHz	QPSK	23130	25RB#0	21.94	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.28	PASS
Band12	10MHz	QPSK	23130	25RB#12	21.95	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.16	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.94	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.25	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.06	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.26	PASS





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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	4.87	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.37	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.44	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.18	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.69	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.19	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.30	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.01	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	4.38	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	4.96	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.94	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.63	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	4.98	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	5.79	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.51	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.24	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.83	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.62	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.34	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.10	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	4.73	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.48	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.12	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.85	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	5.08	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.76	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.60	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.23	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.96	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.64	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.51	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.11	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	4.95	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	5.63	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.36	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.02	13	PASS



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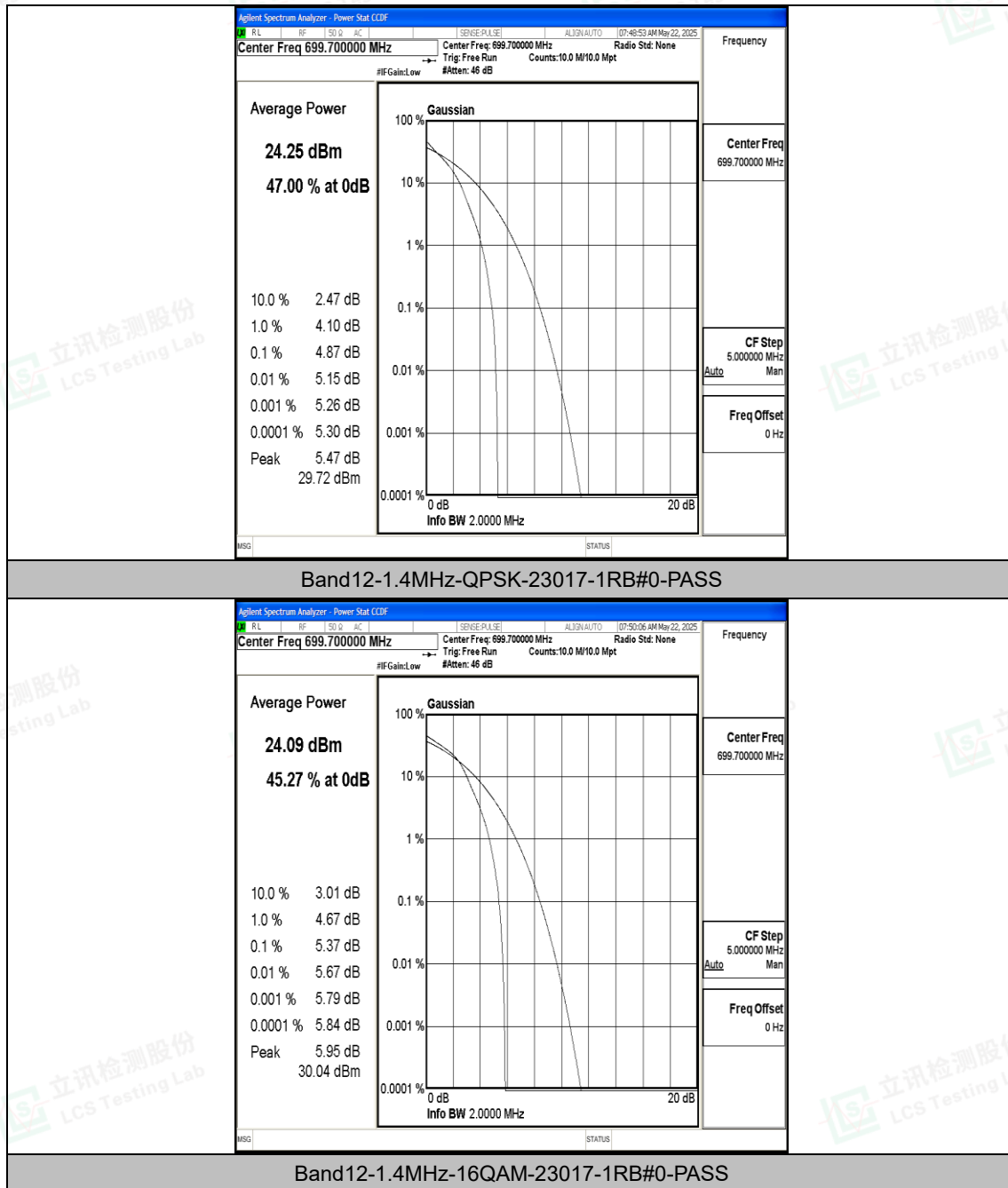


Band12	10MHz	QPSK	23060	1RB#0	5.00	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	5.68	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.47	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.19	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	5.03	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.88	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.54	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.20	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.83	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.61	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.49	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.16	13	PASS





Test Graphs

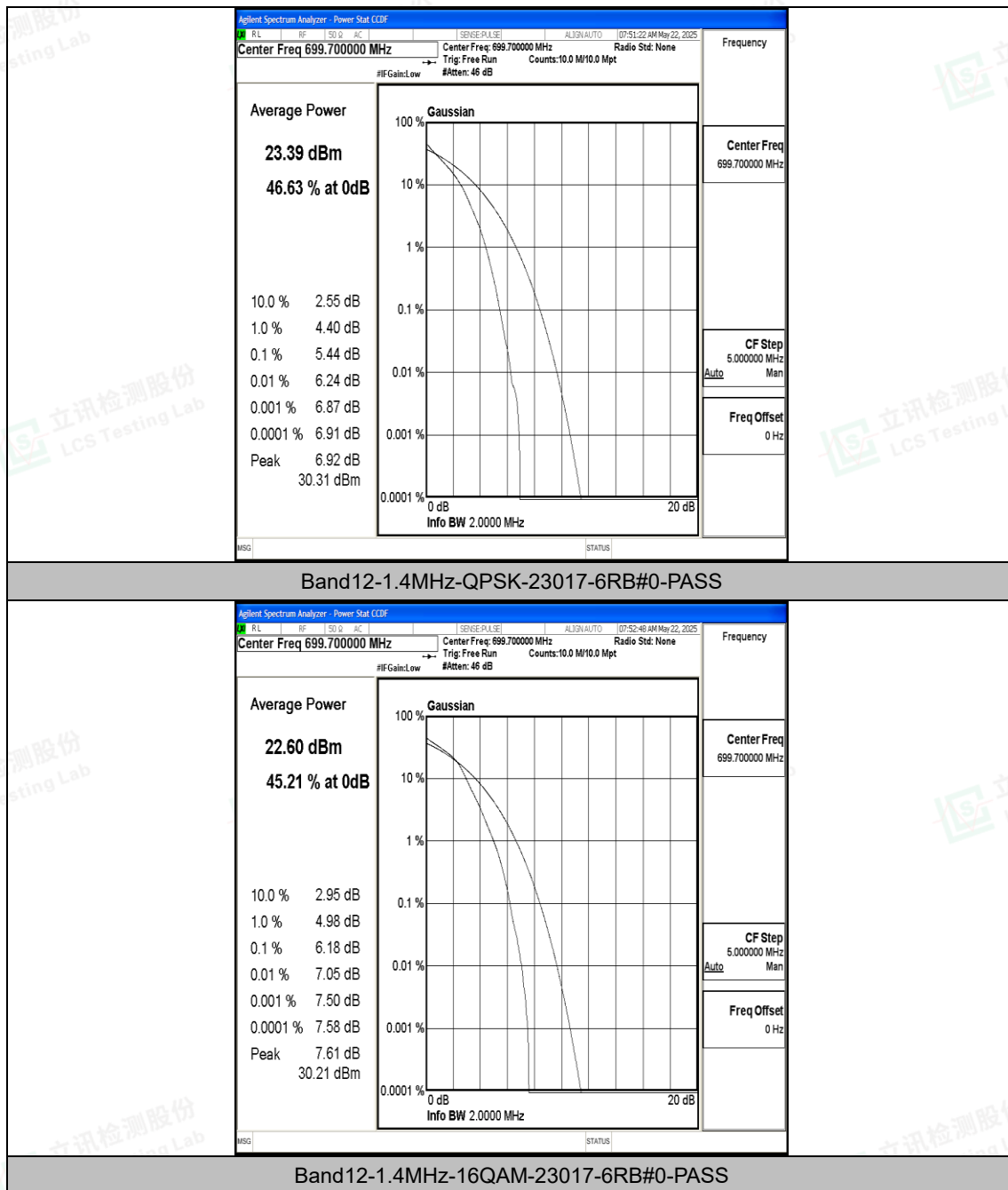


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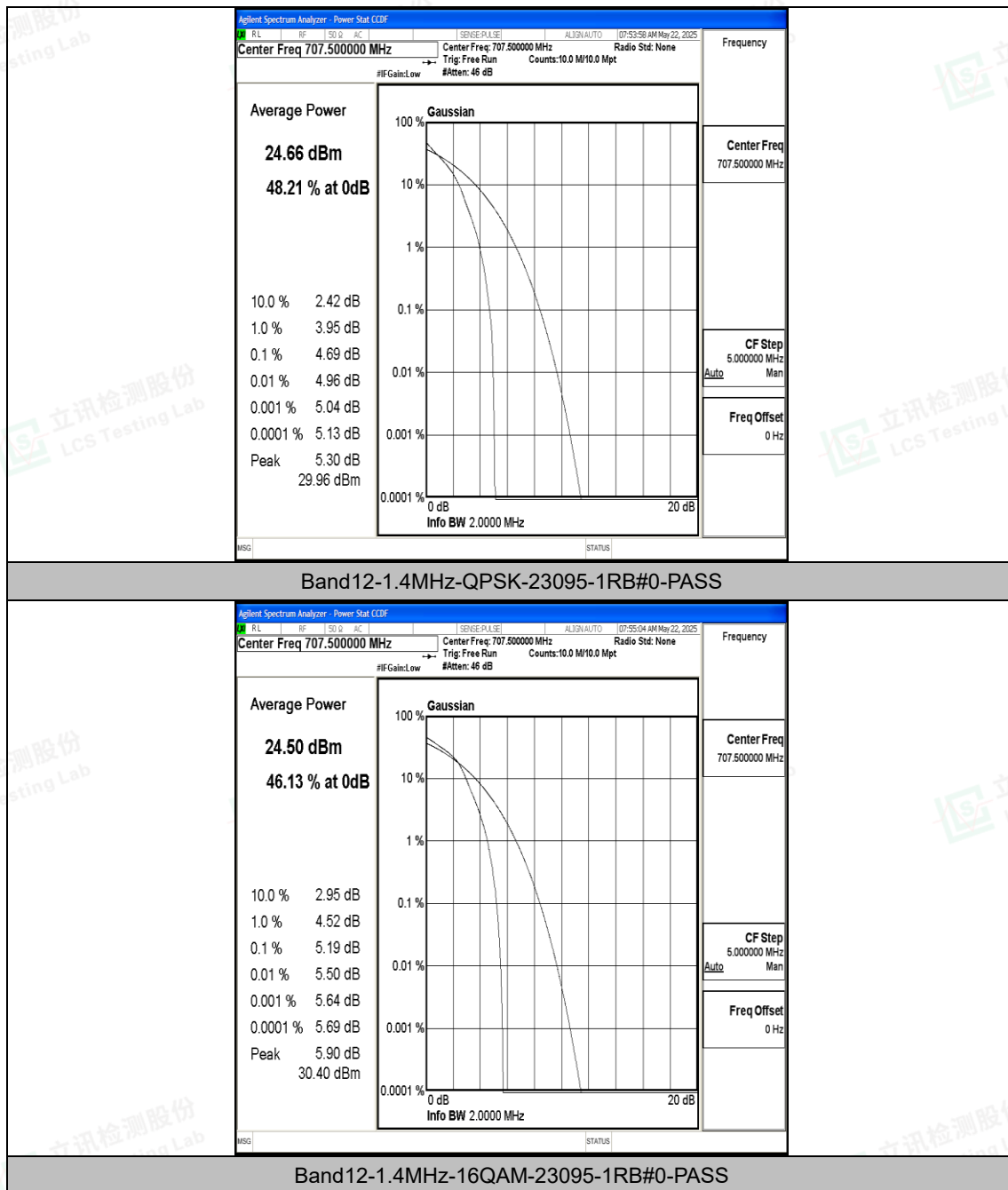


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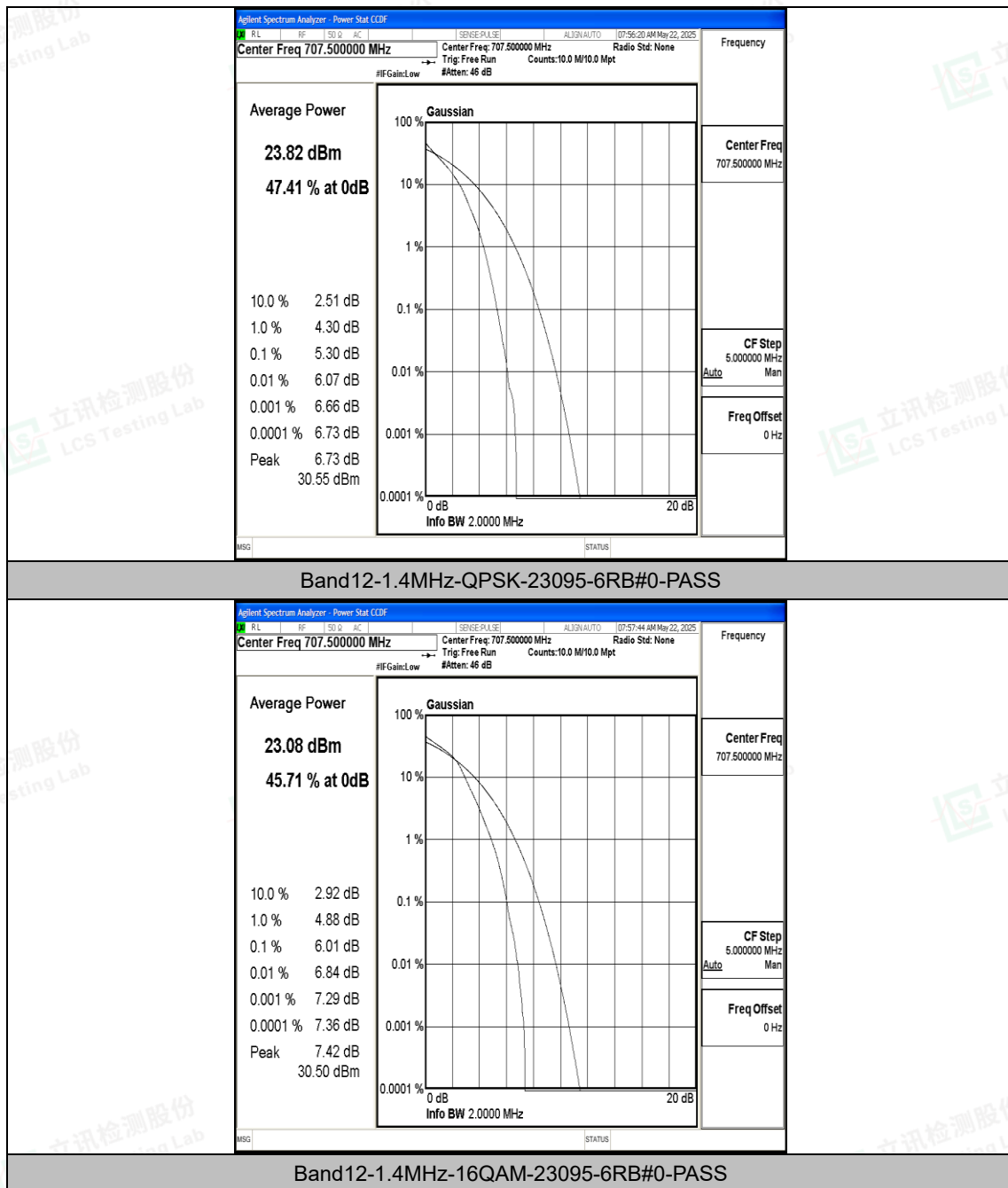


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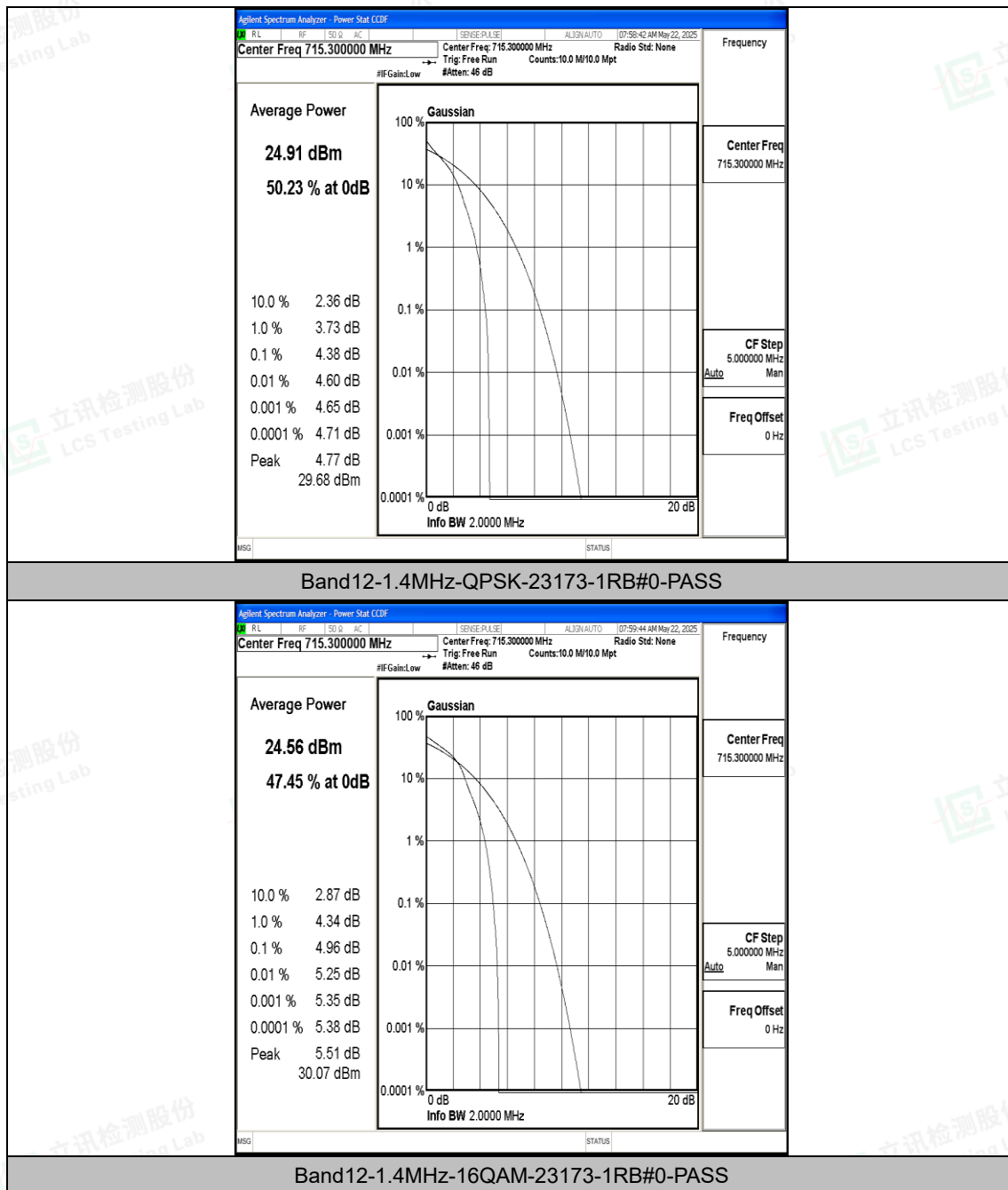


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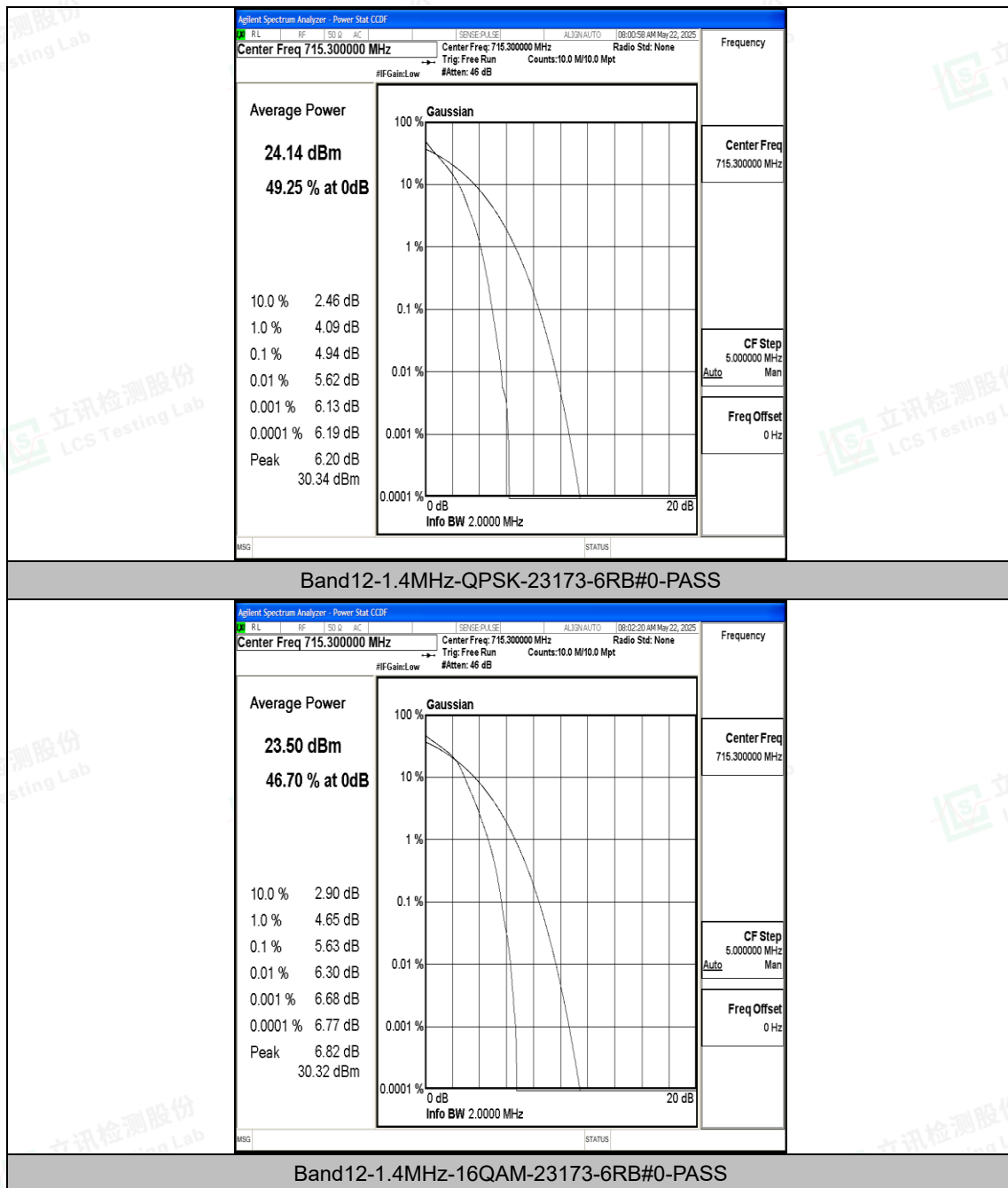


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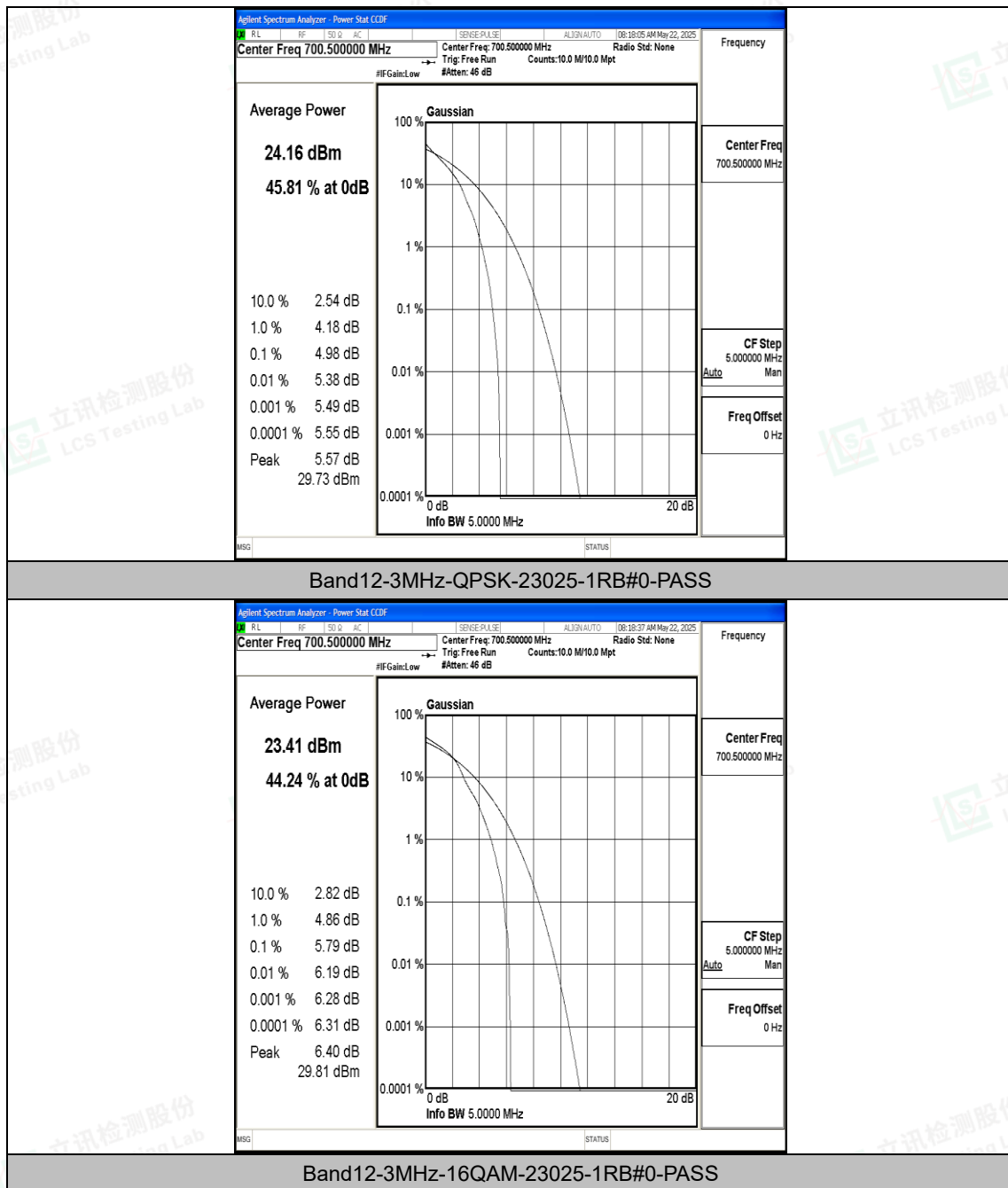


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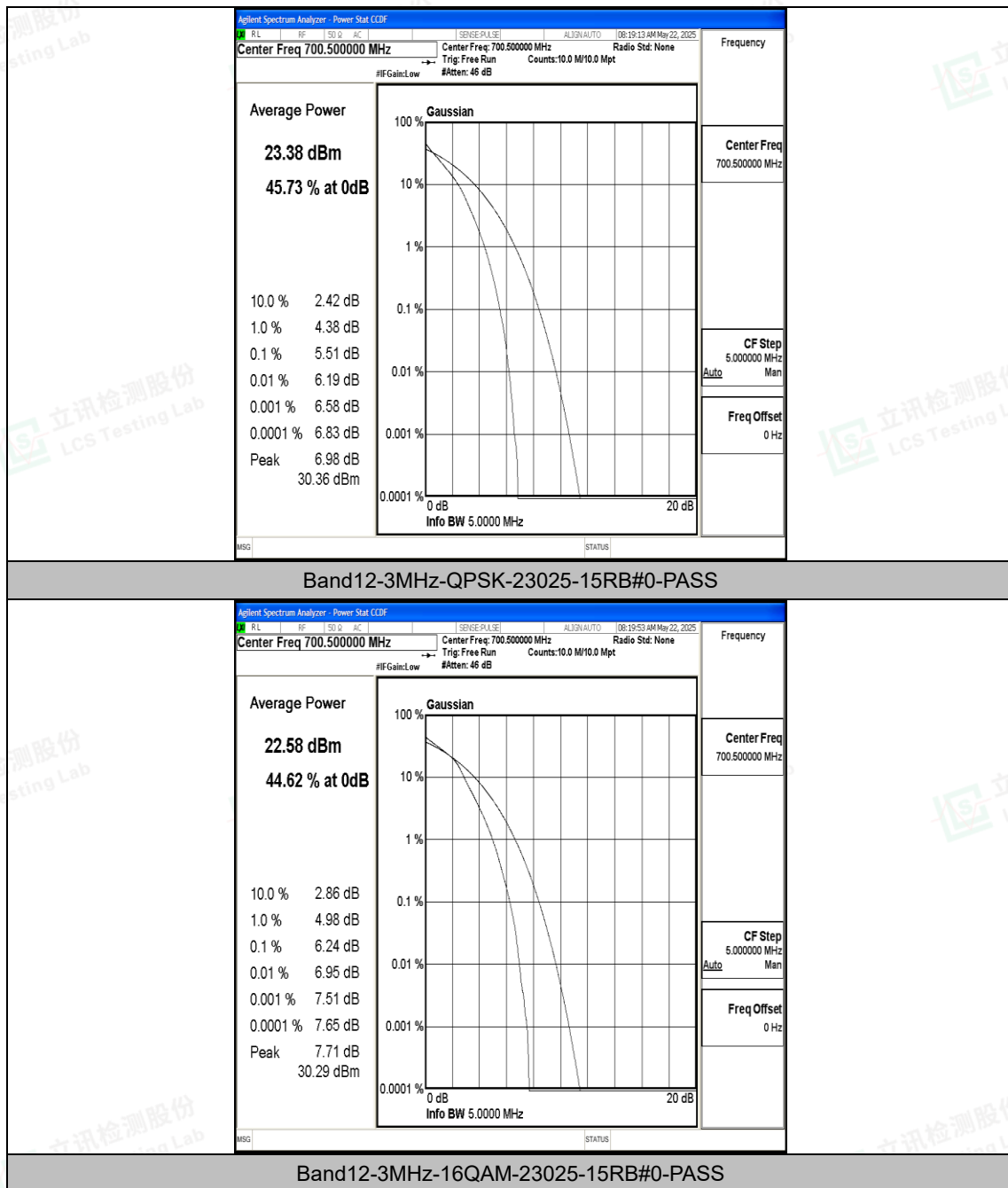


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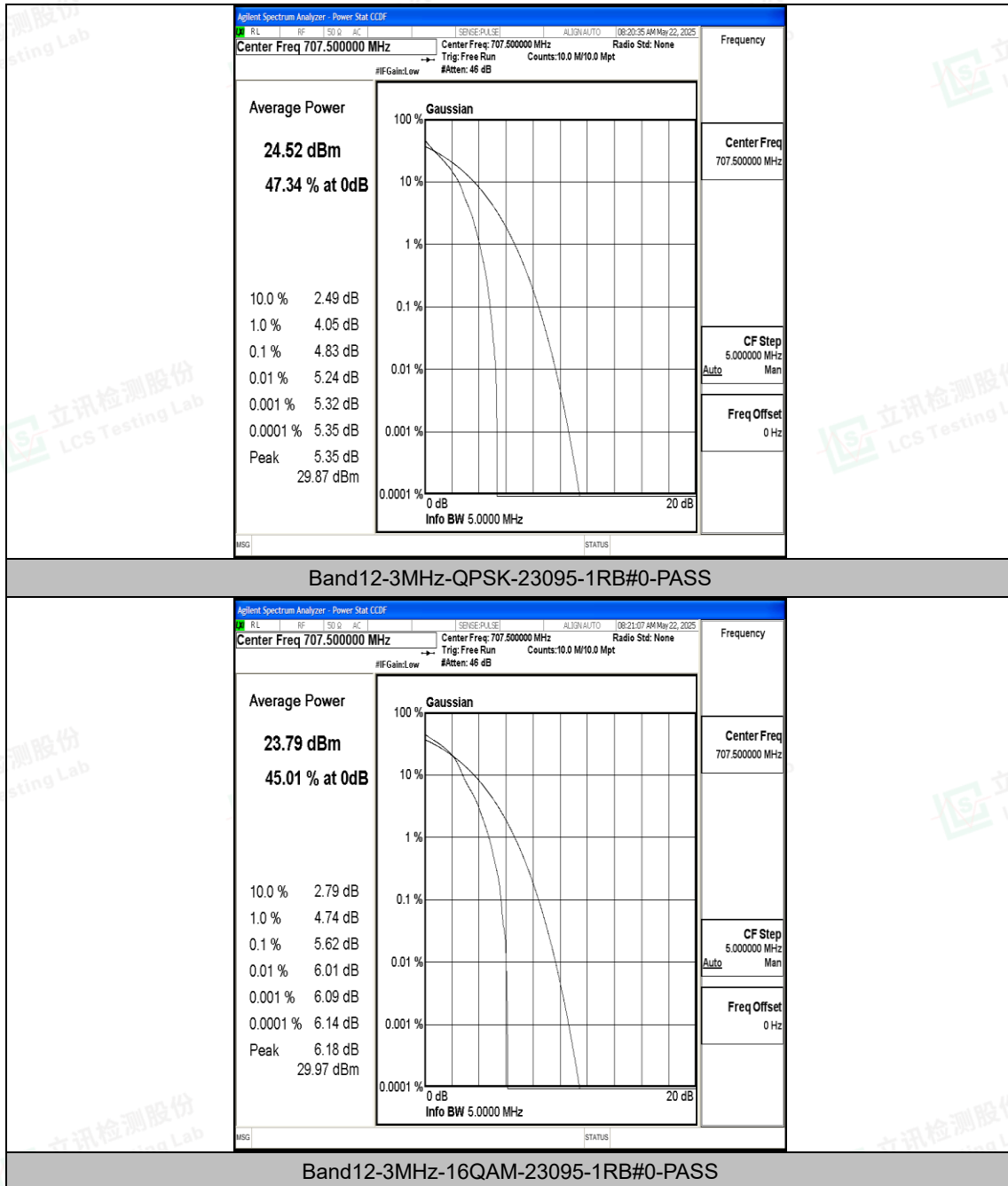


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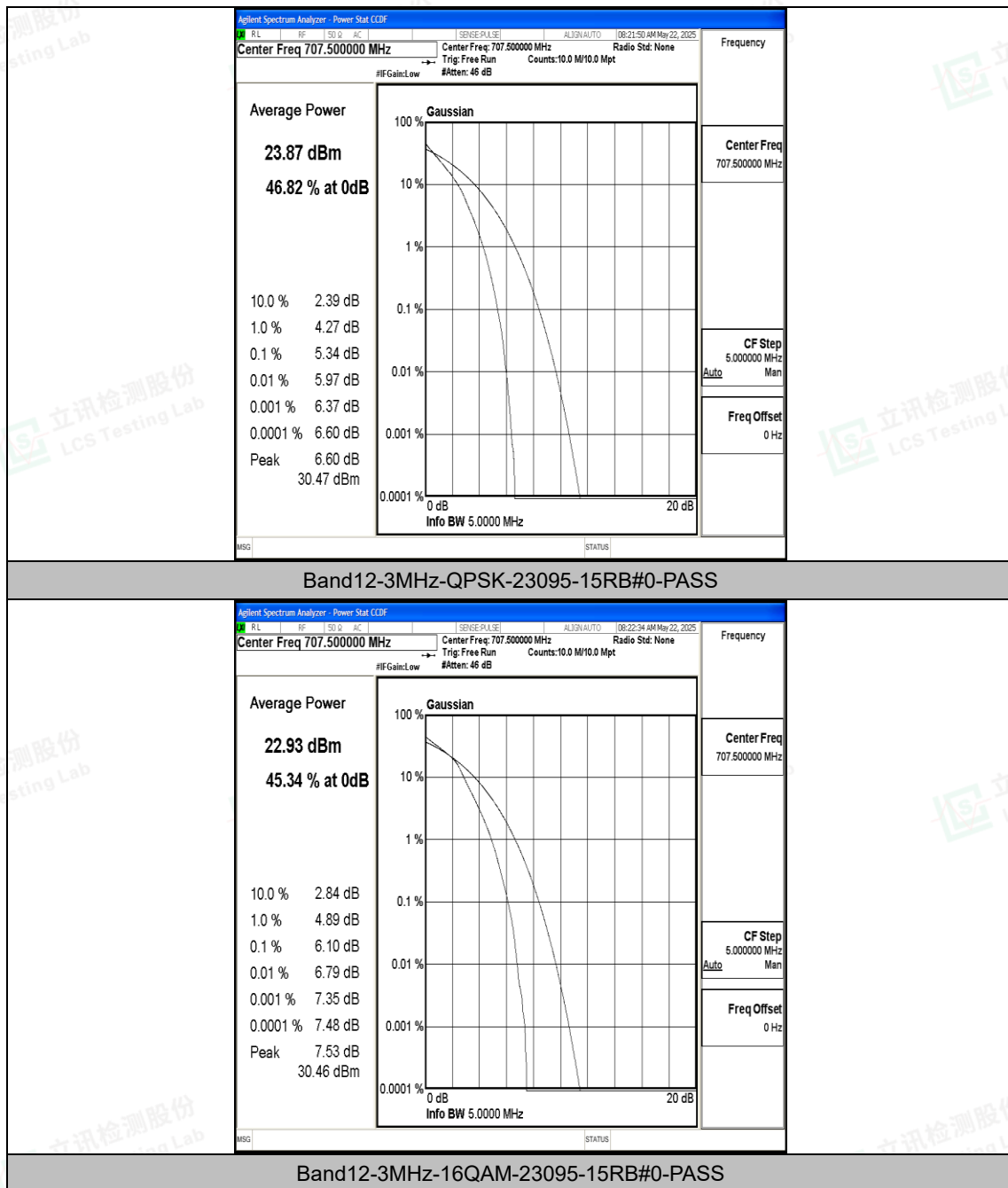


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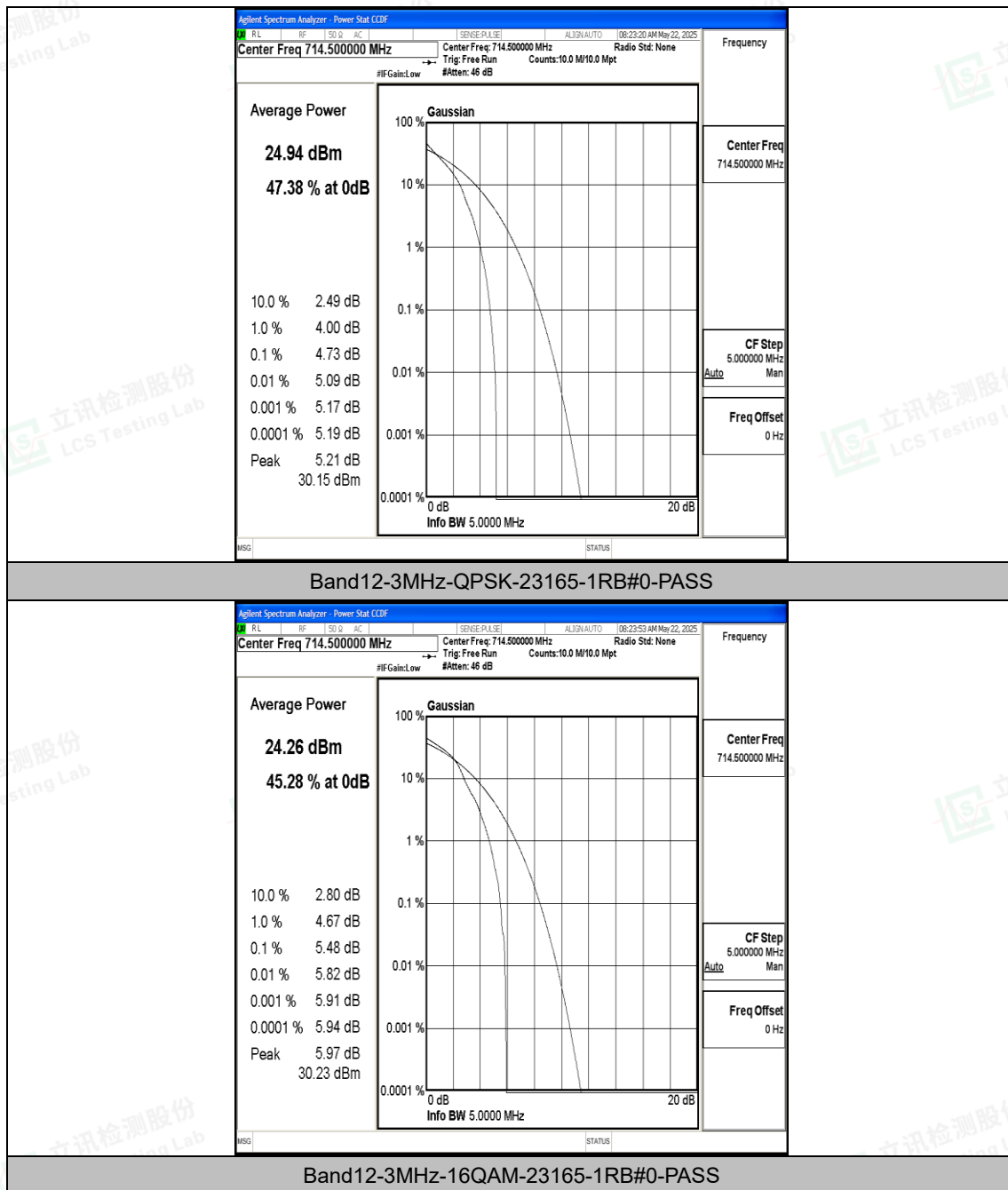


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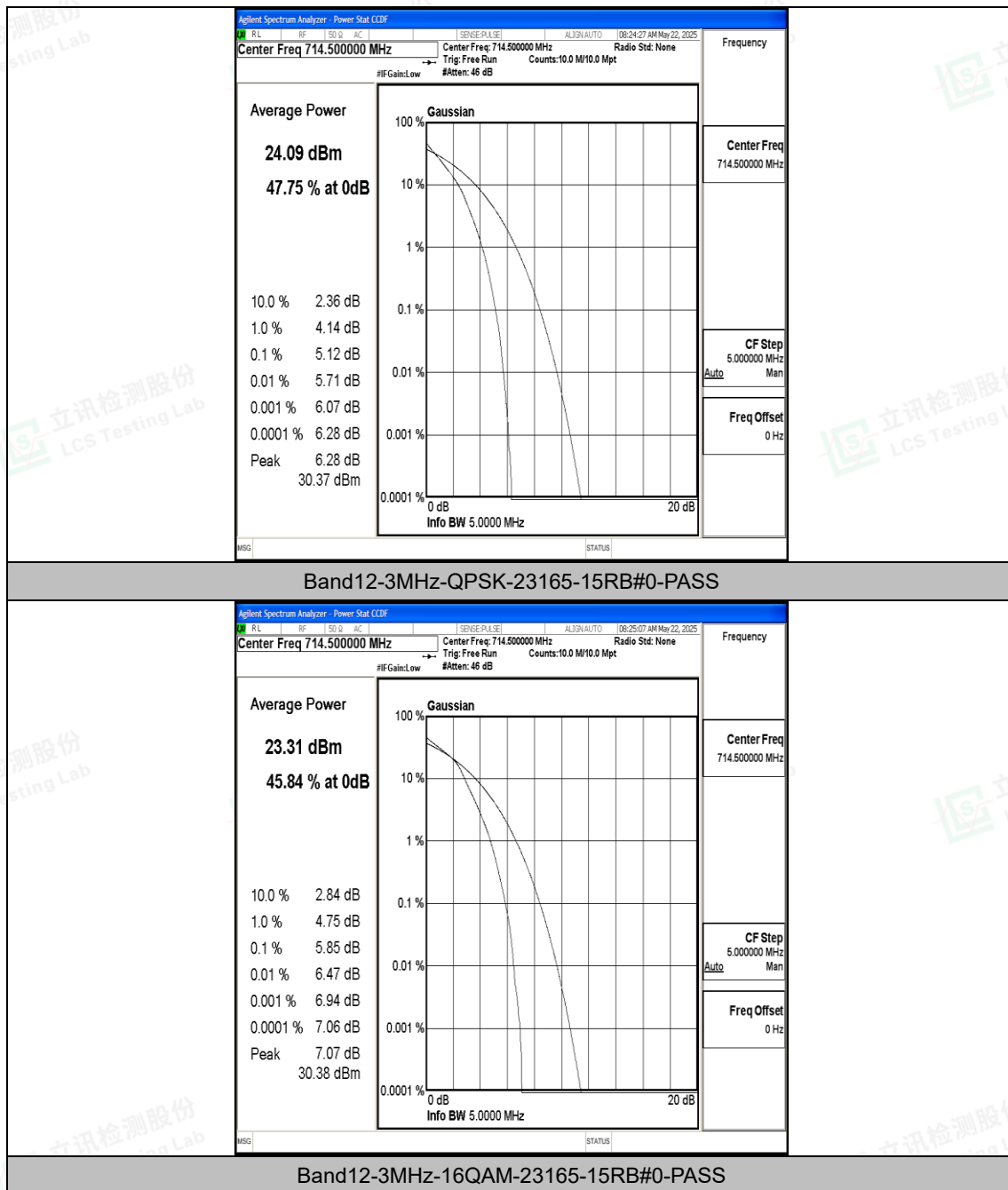


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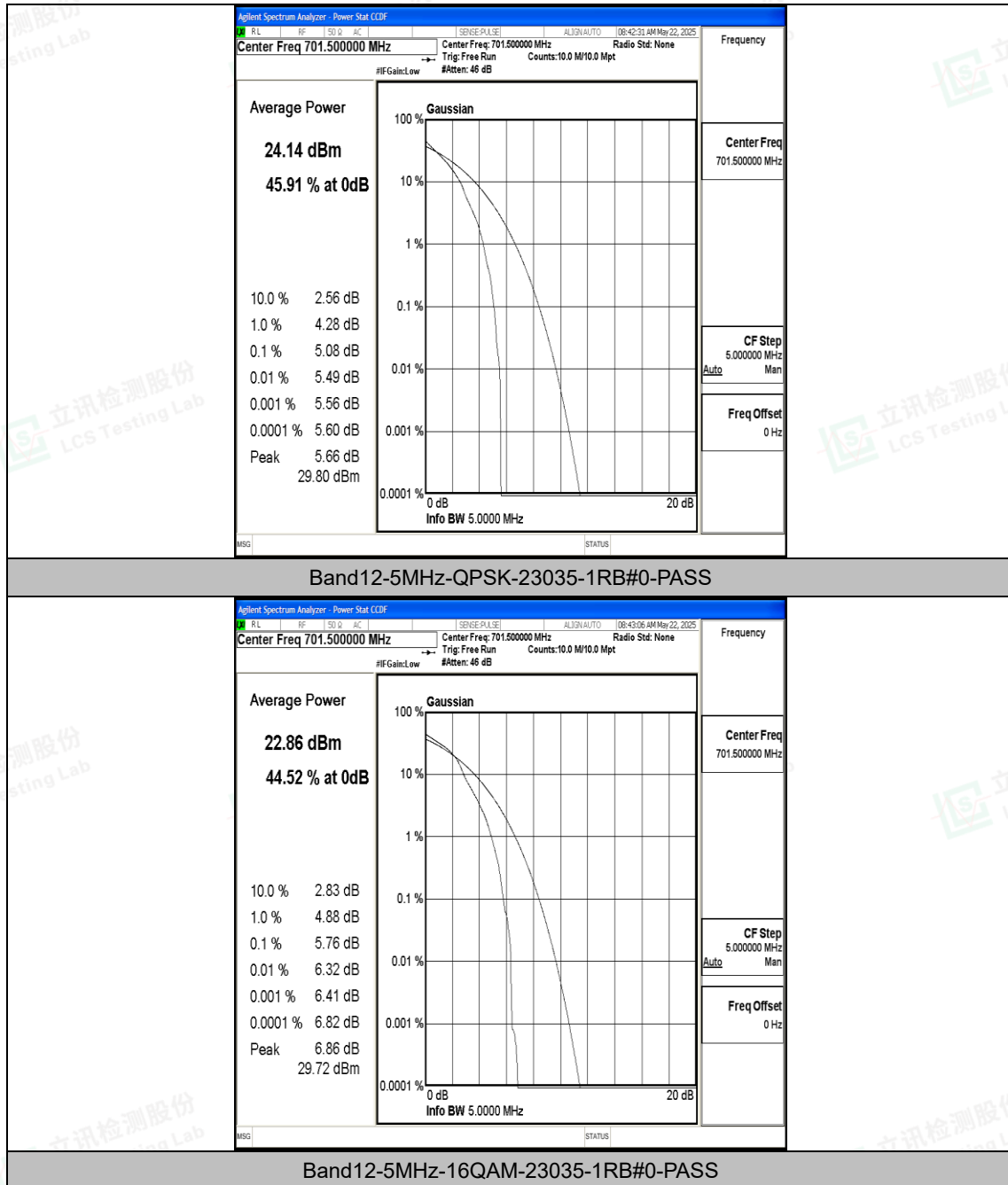


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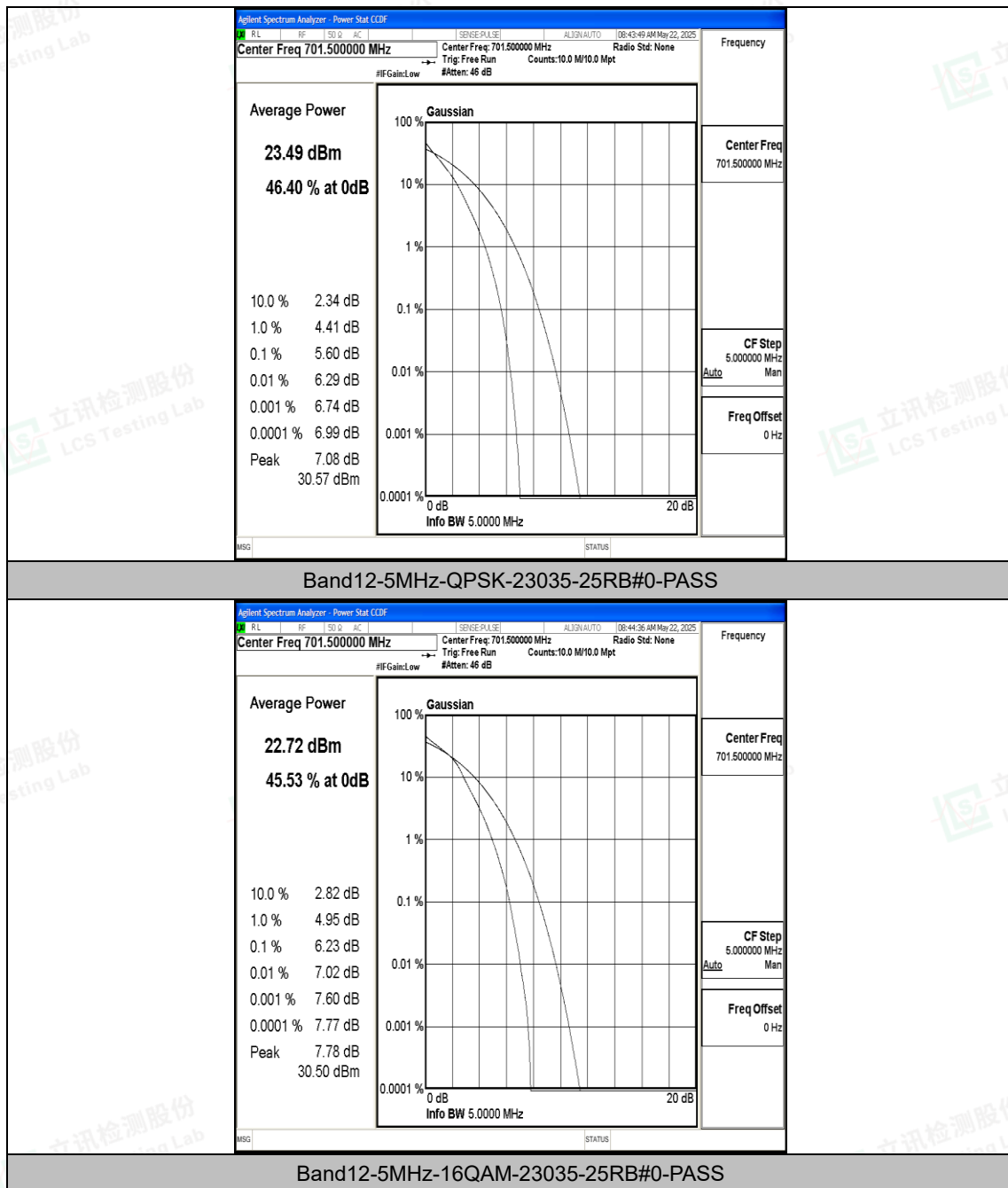


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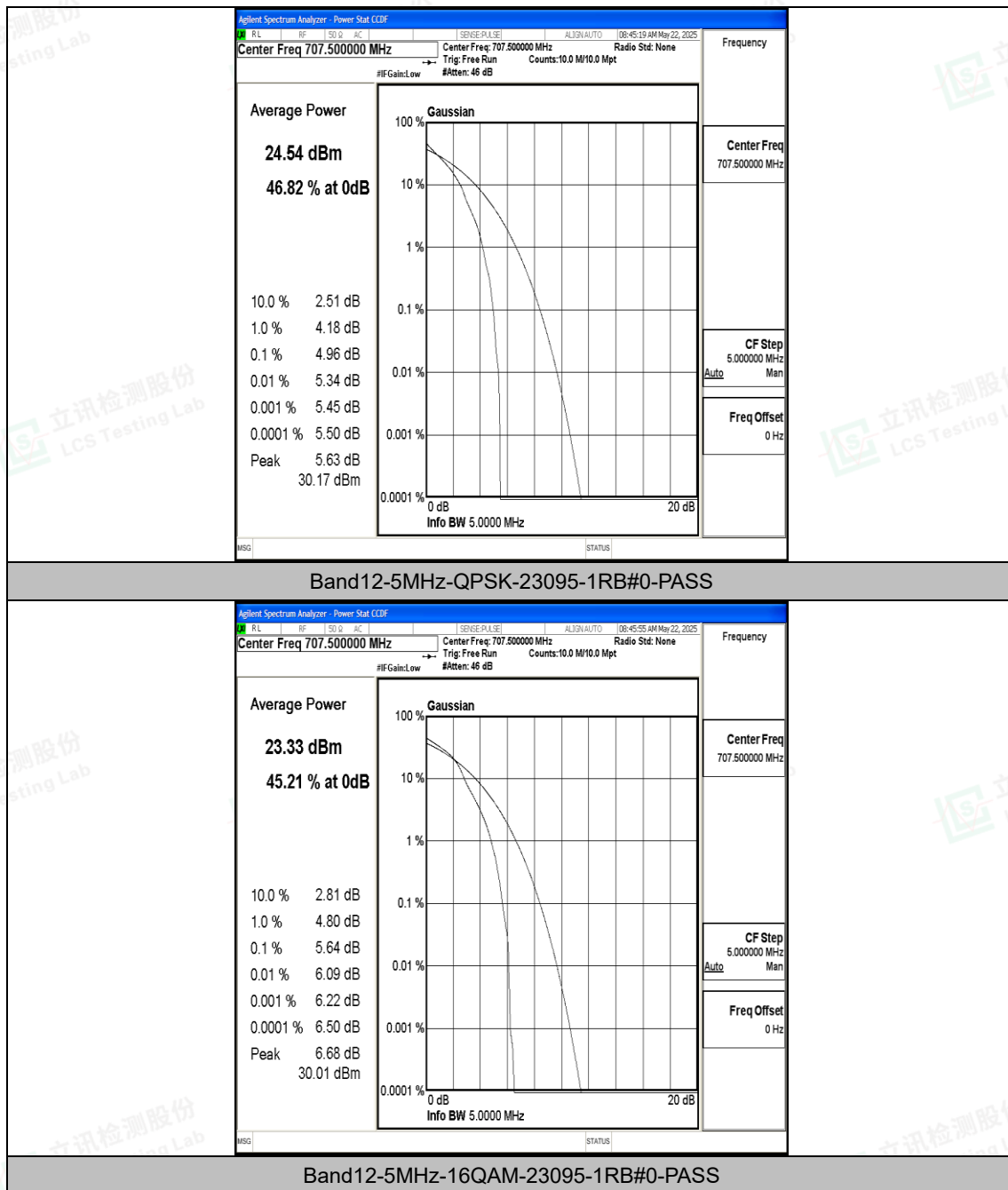


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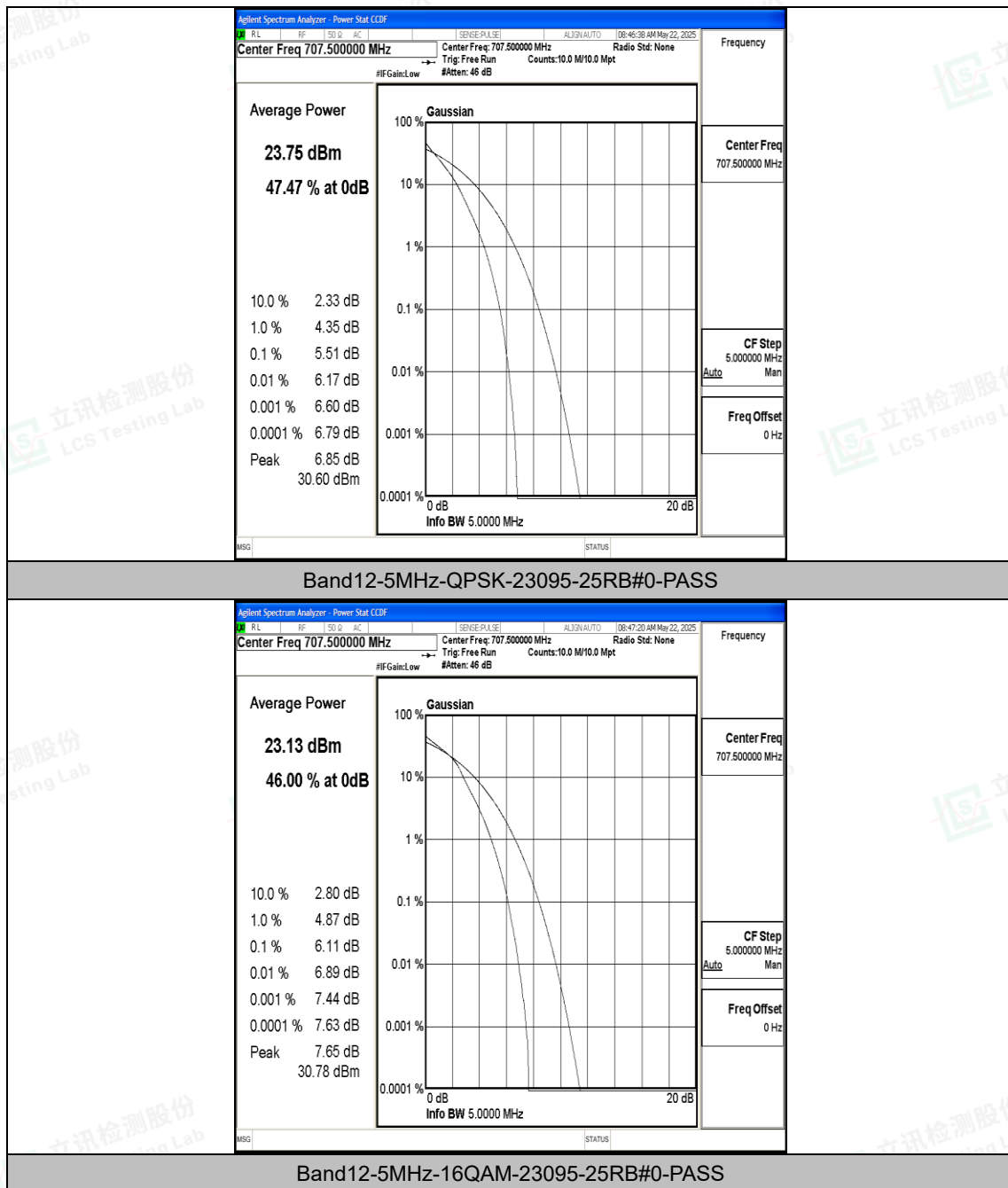


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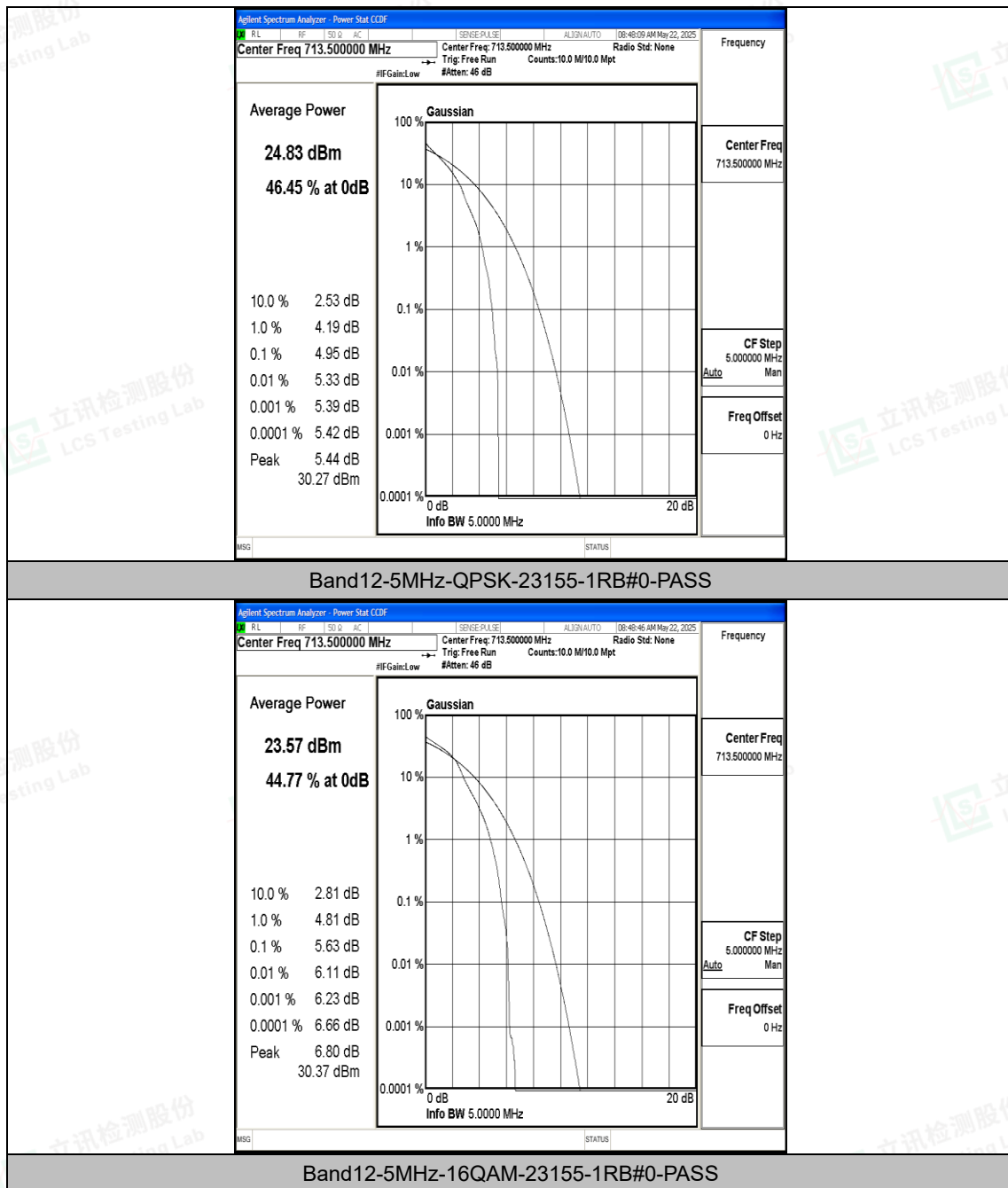


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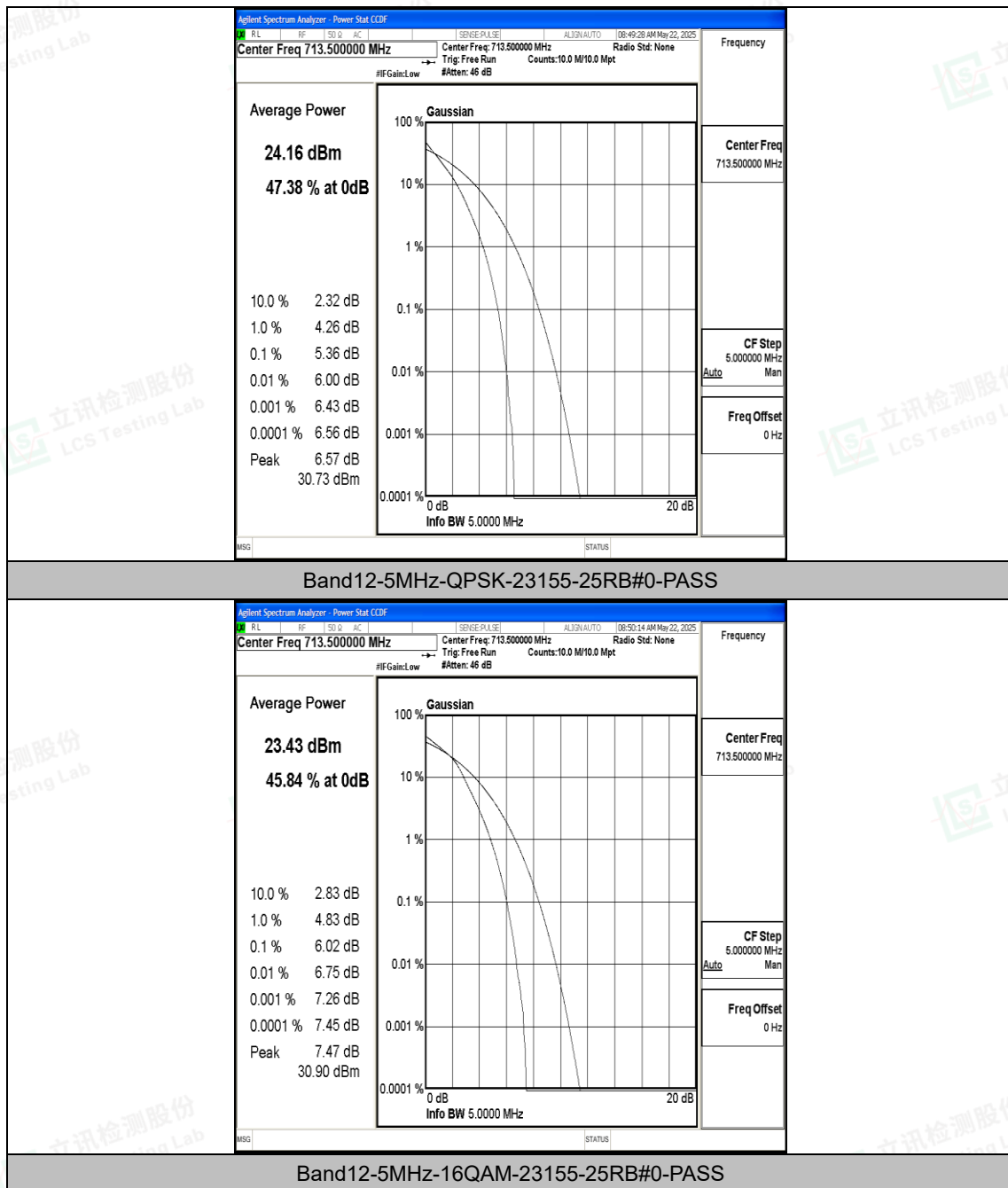


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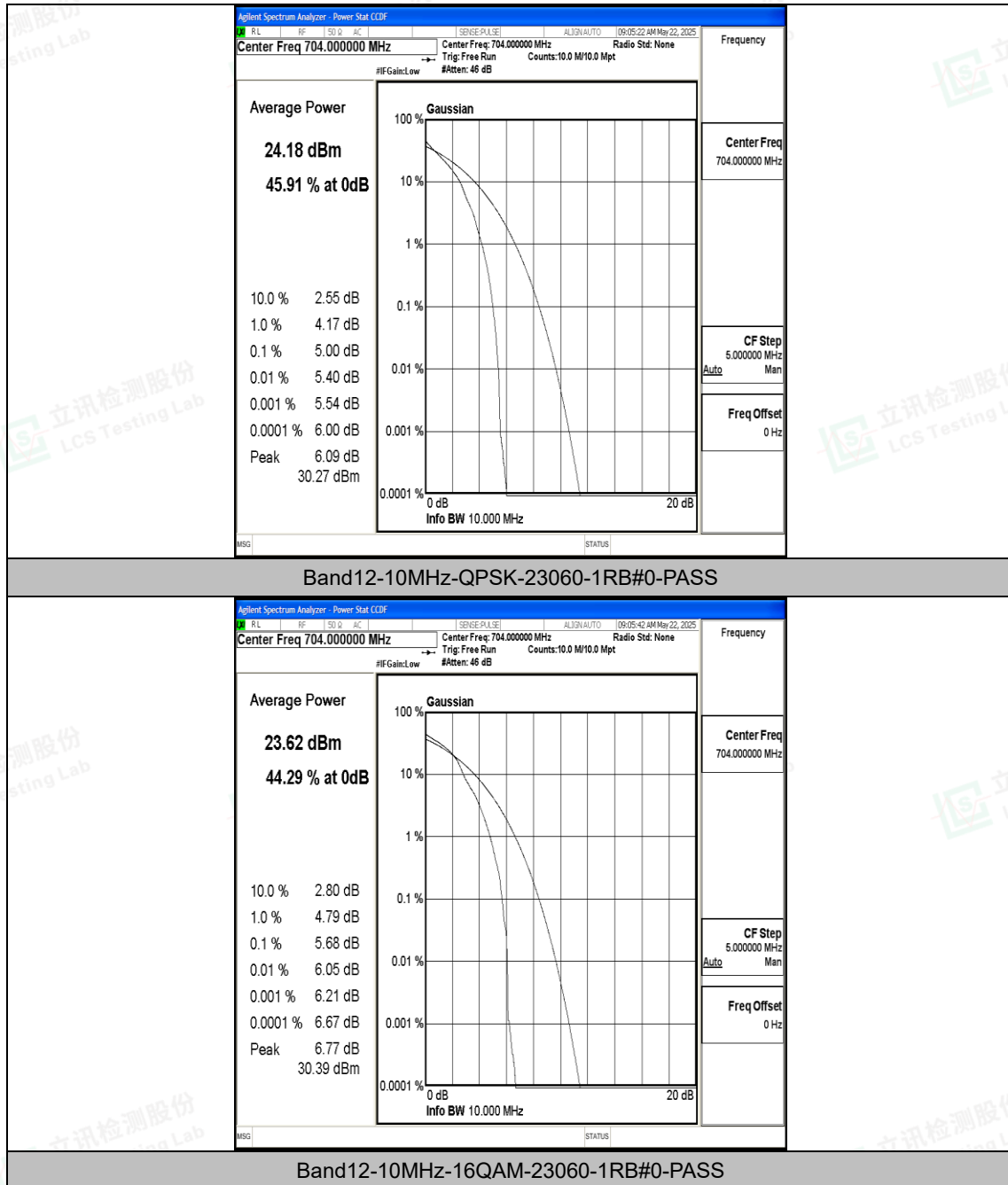


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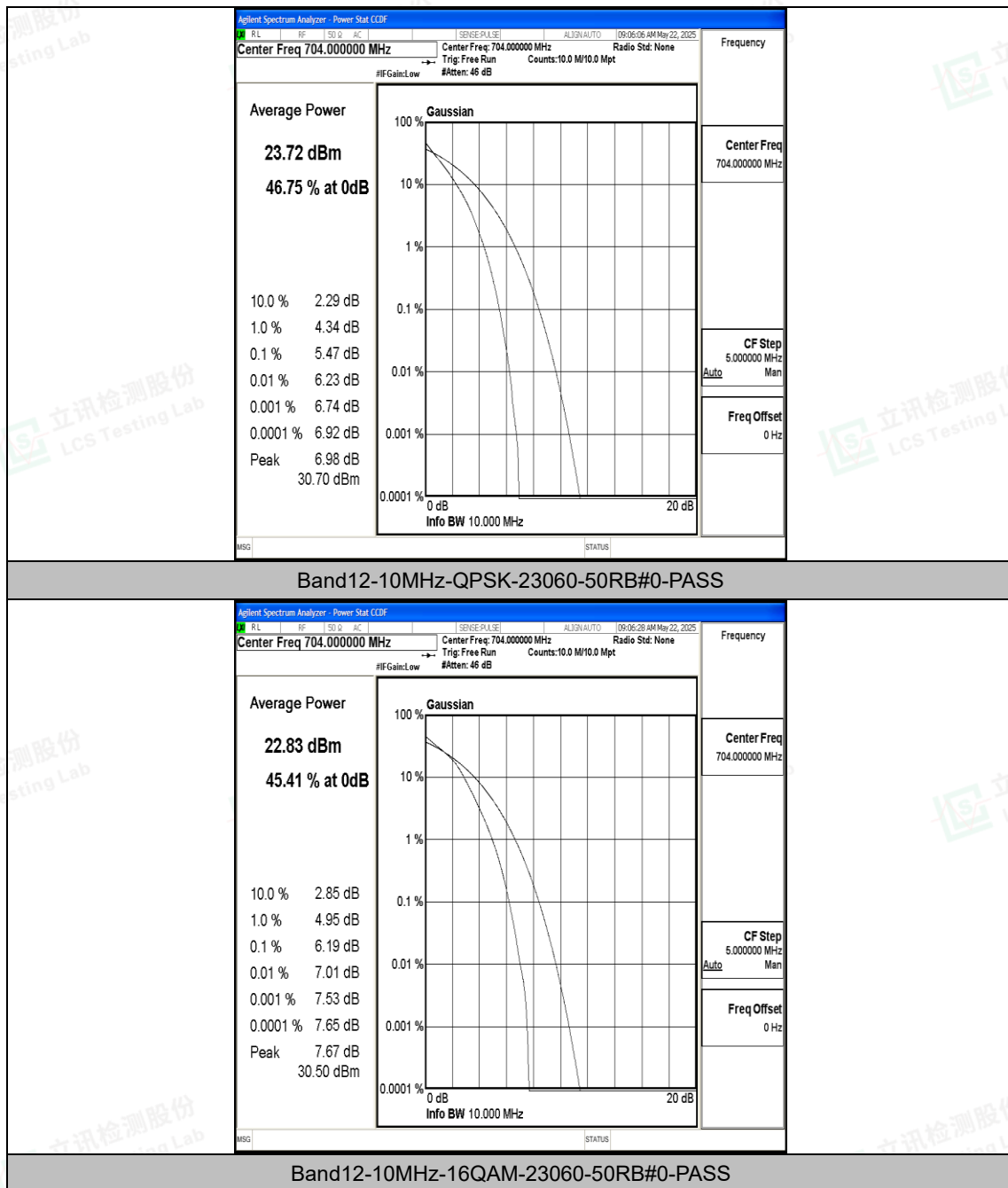


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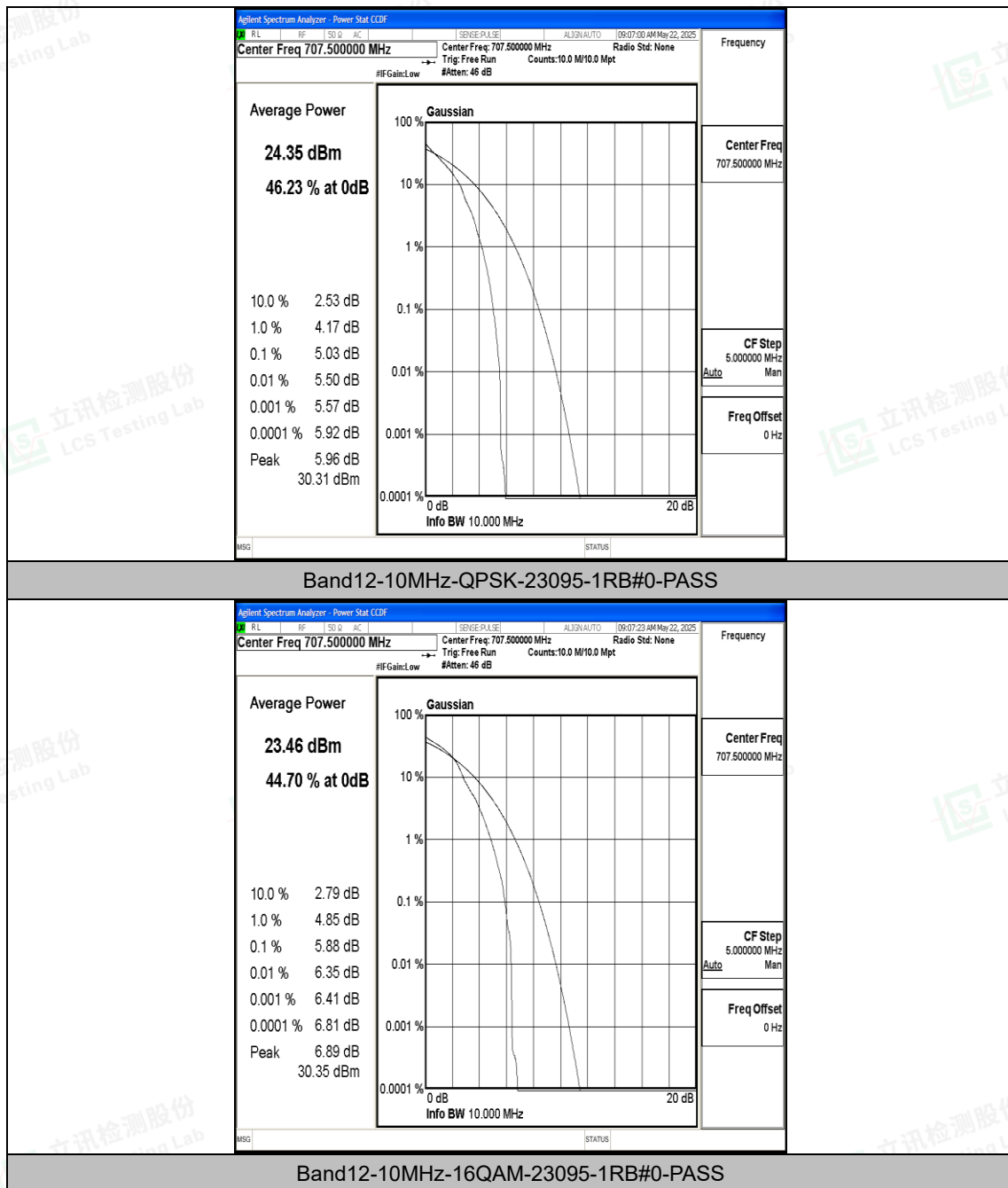


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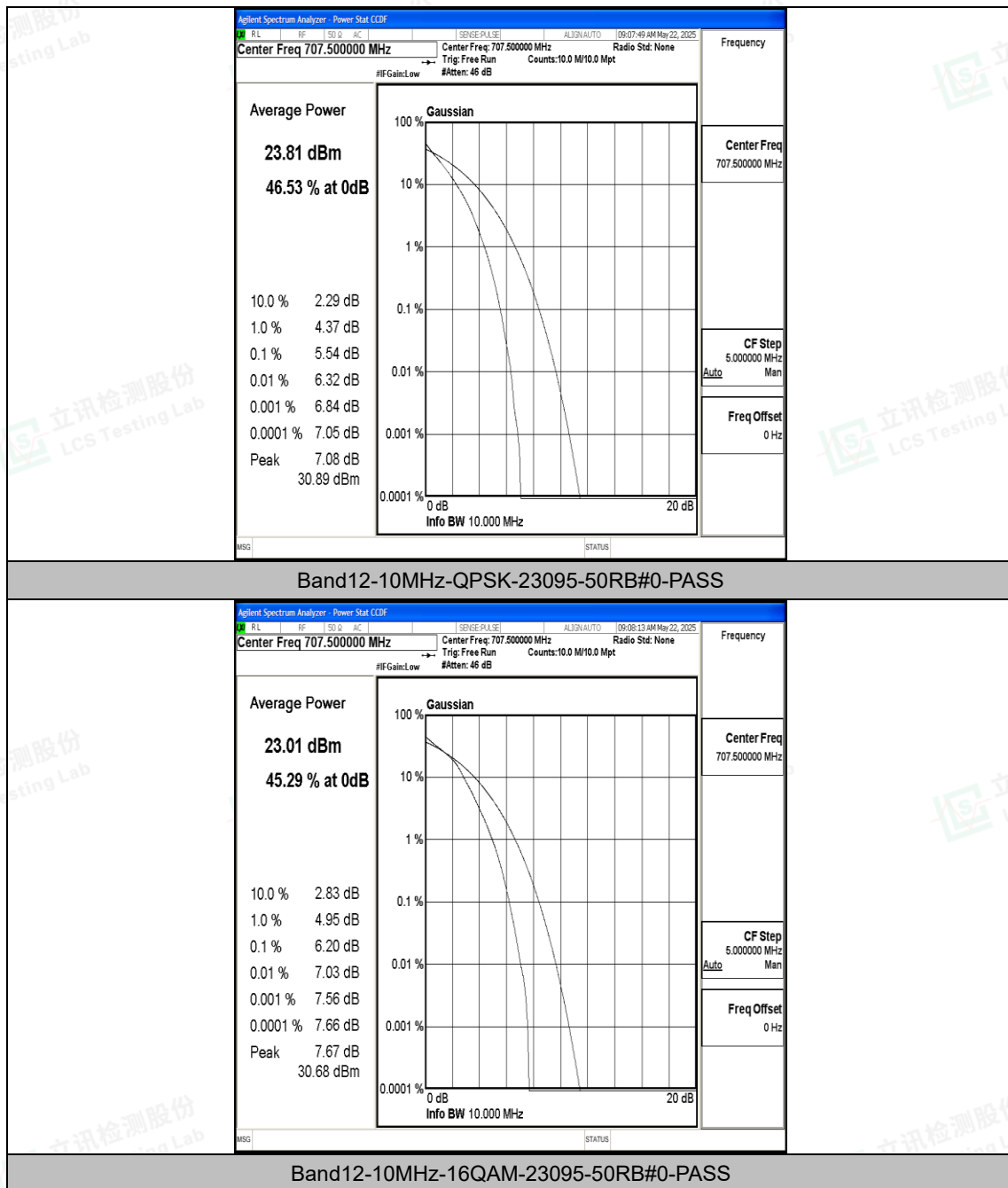


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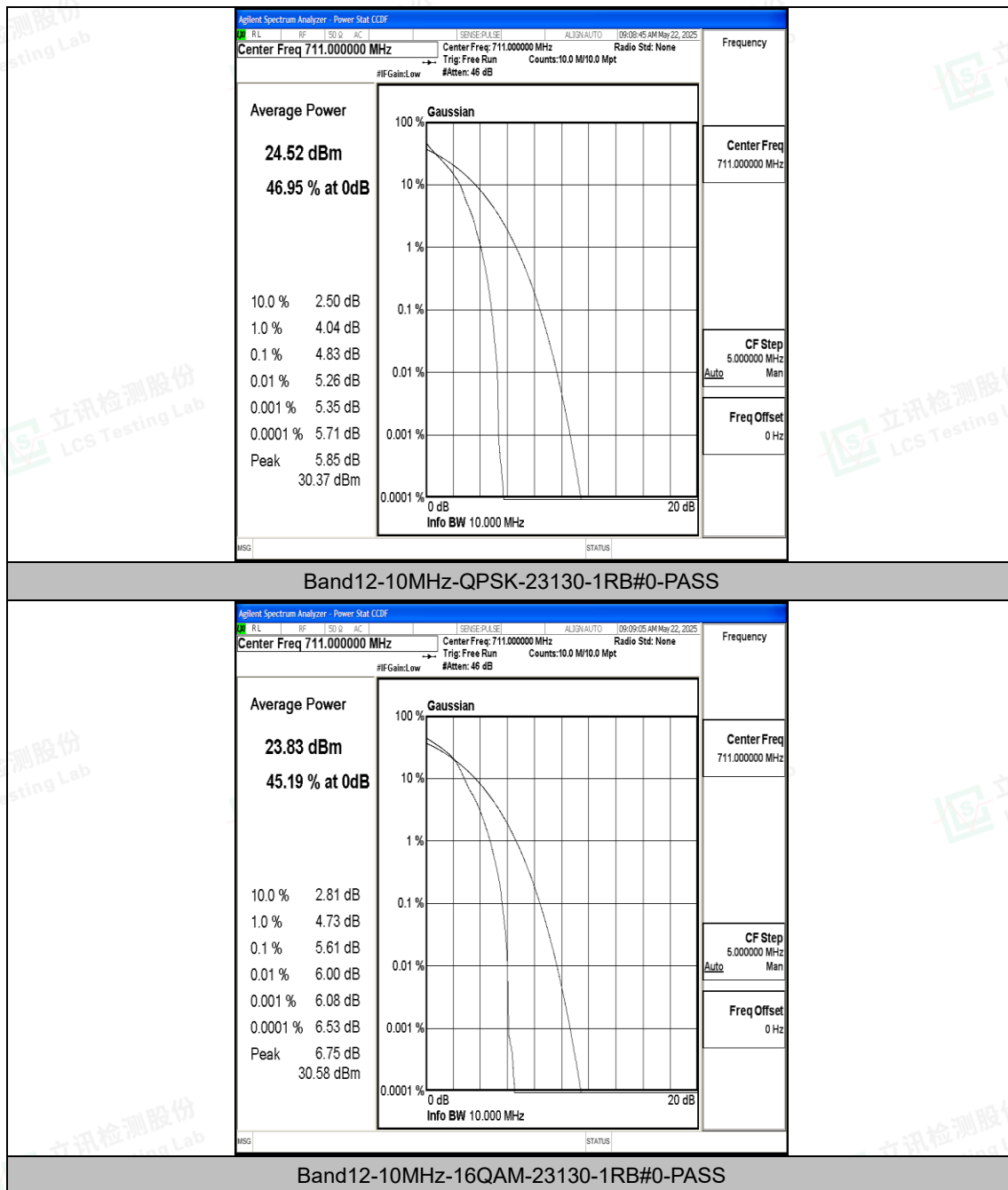


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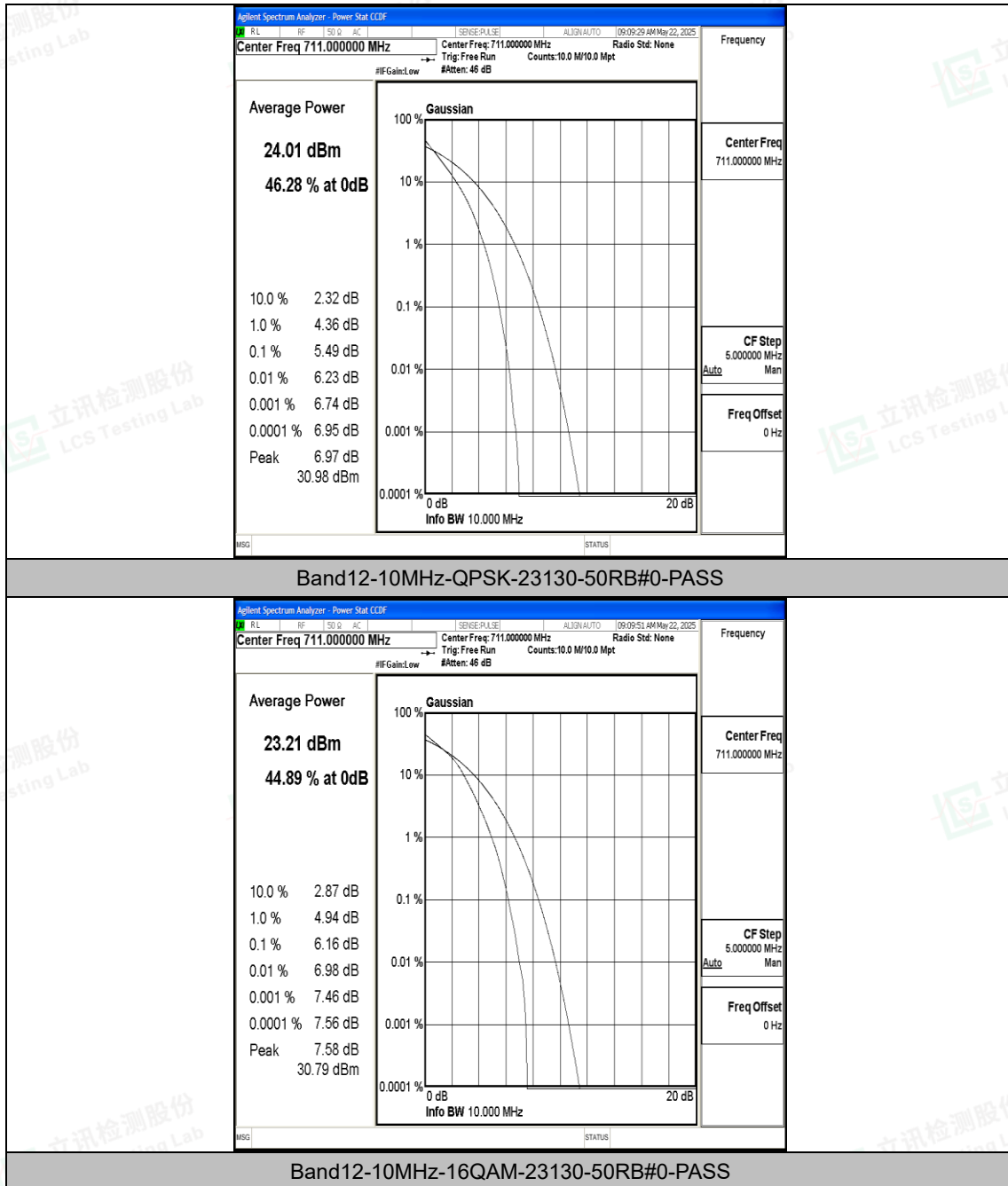


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I.3 26dB Bandwidth and Occupied Bandwidth

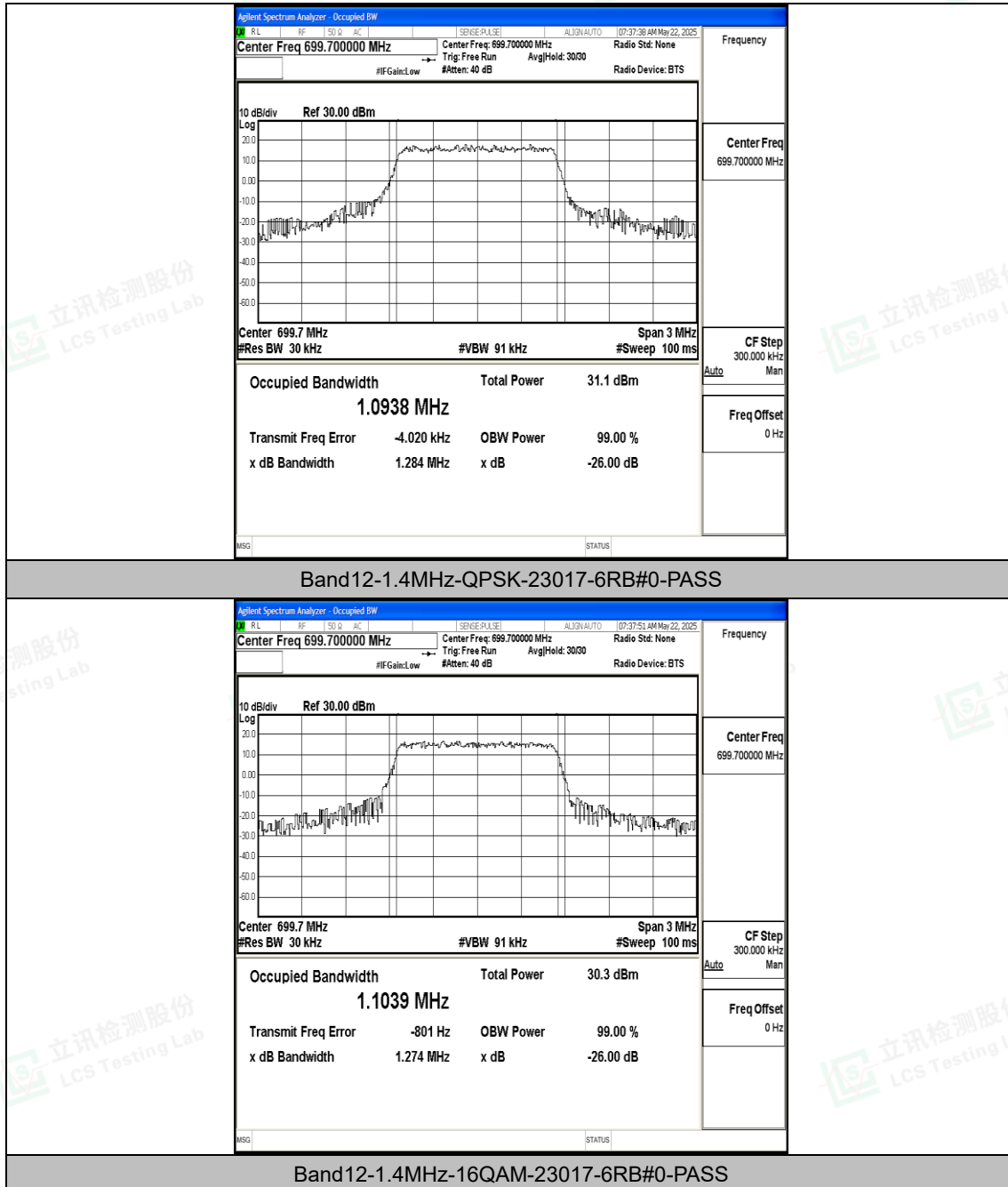
Test Result

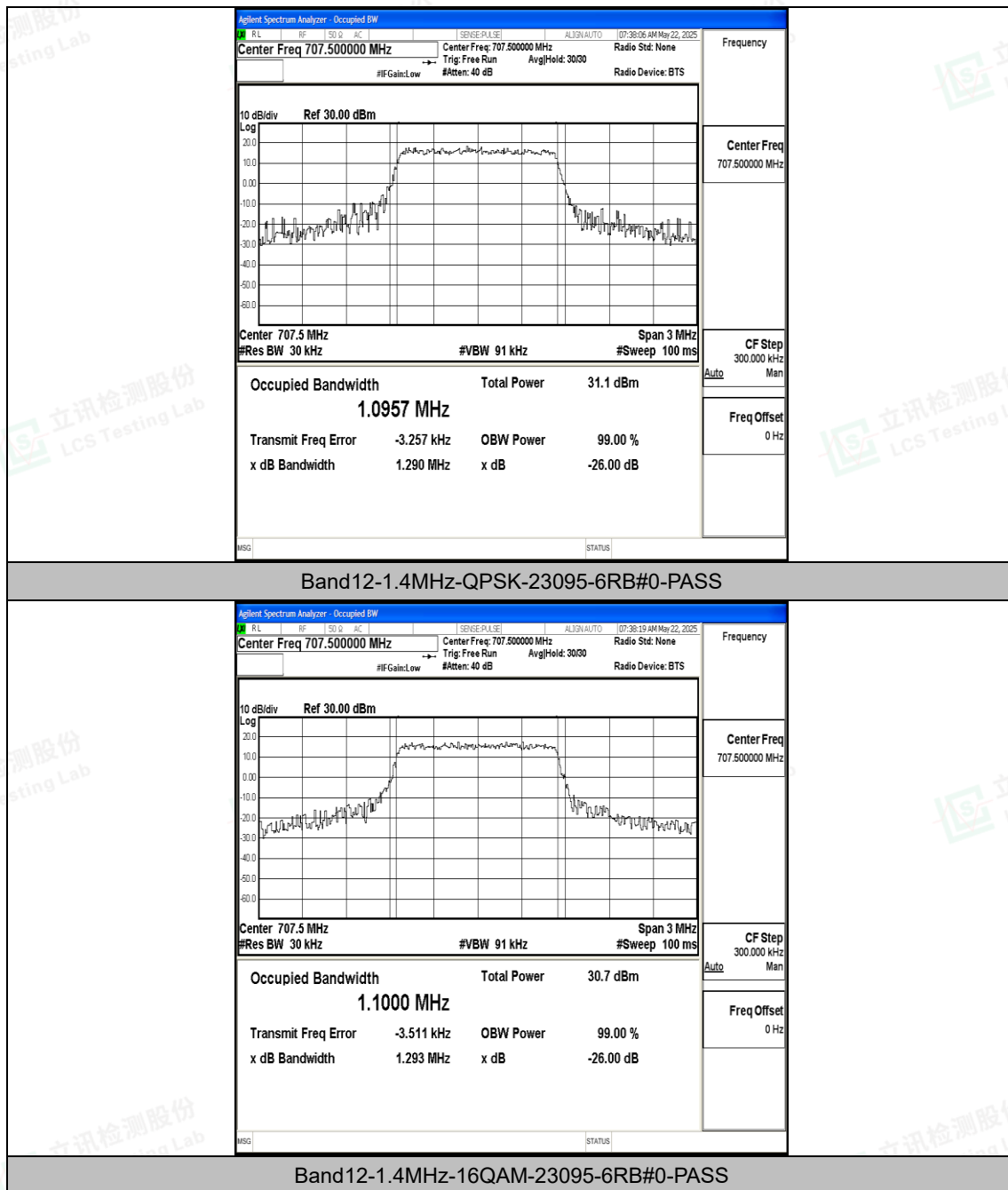
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0938	1.284	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.1039	1.274	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0957	1.290	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1000	1.293	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0918	1.278	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.1070	1.340	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7722	3.376	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.7456	3.351	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7760	3.445	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.7572	3.287	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7650	3.393	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7545	3.213	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5165	5.282	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5331	5.207	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5383	5.344	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5140	5.284	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5246	5.246	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5170	5.269	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9789	9.990	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9903	10.14	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9902	10.02	PASS
Band12	10MHz	16QAM	23095	50RB#0	9.0018	10.09	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9944	10.05	PASS
Band12	10MHz	16QAM	23130	50RB#0	9.0049	10.06	PASS





Test Graphs



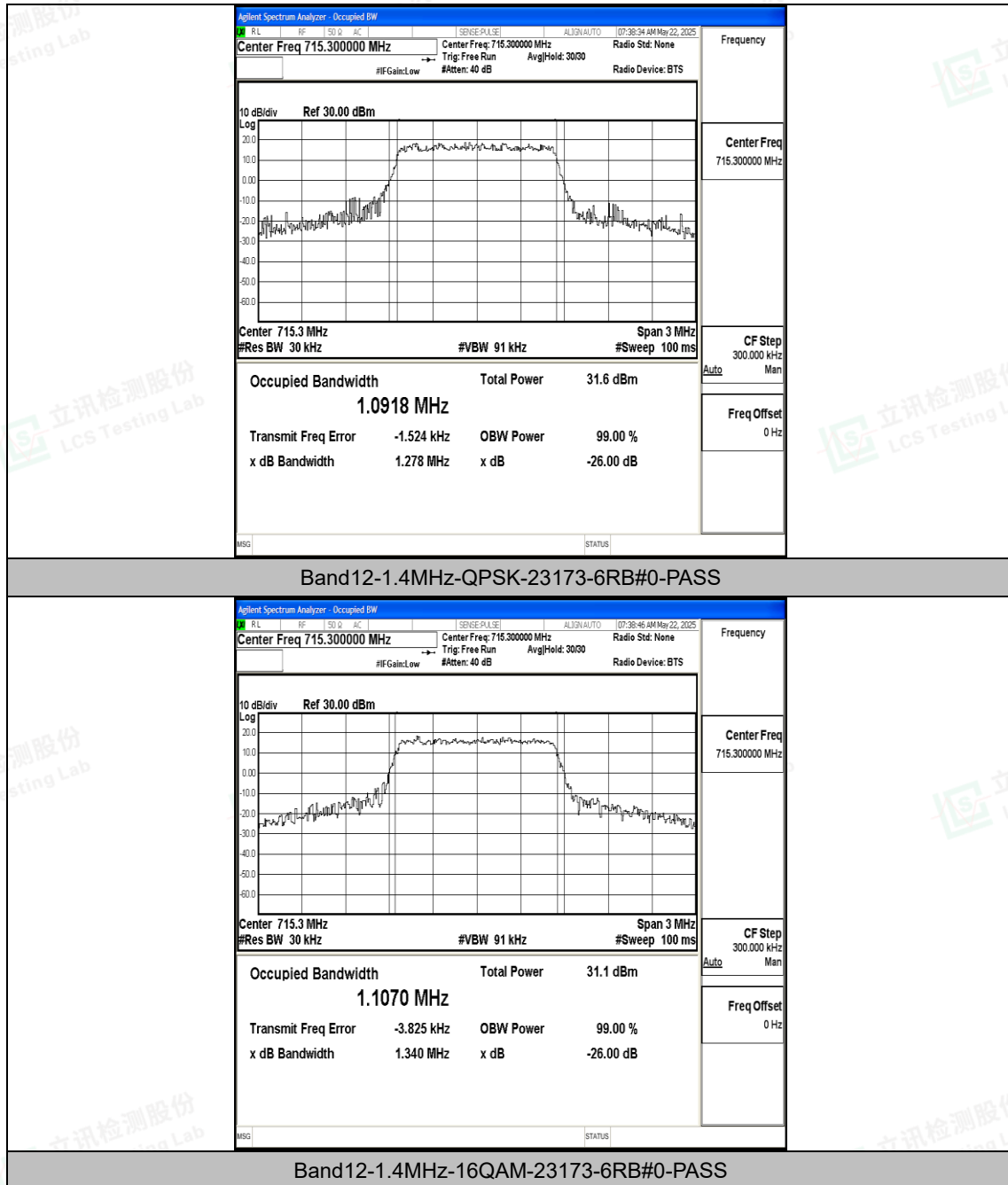


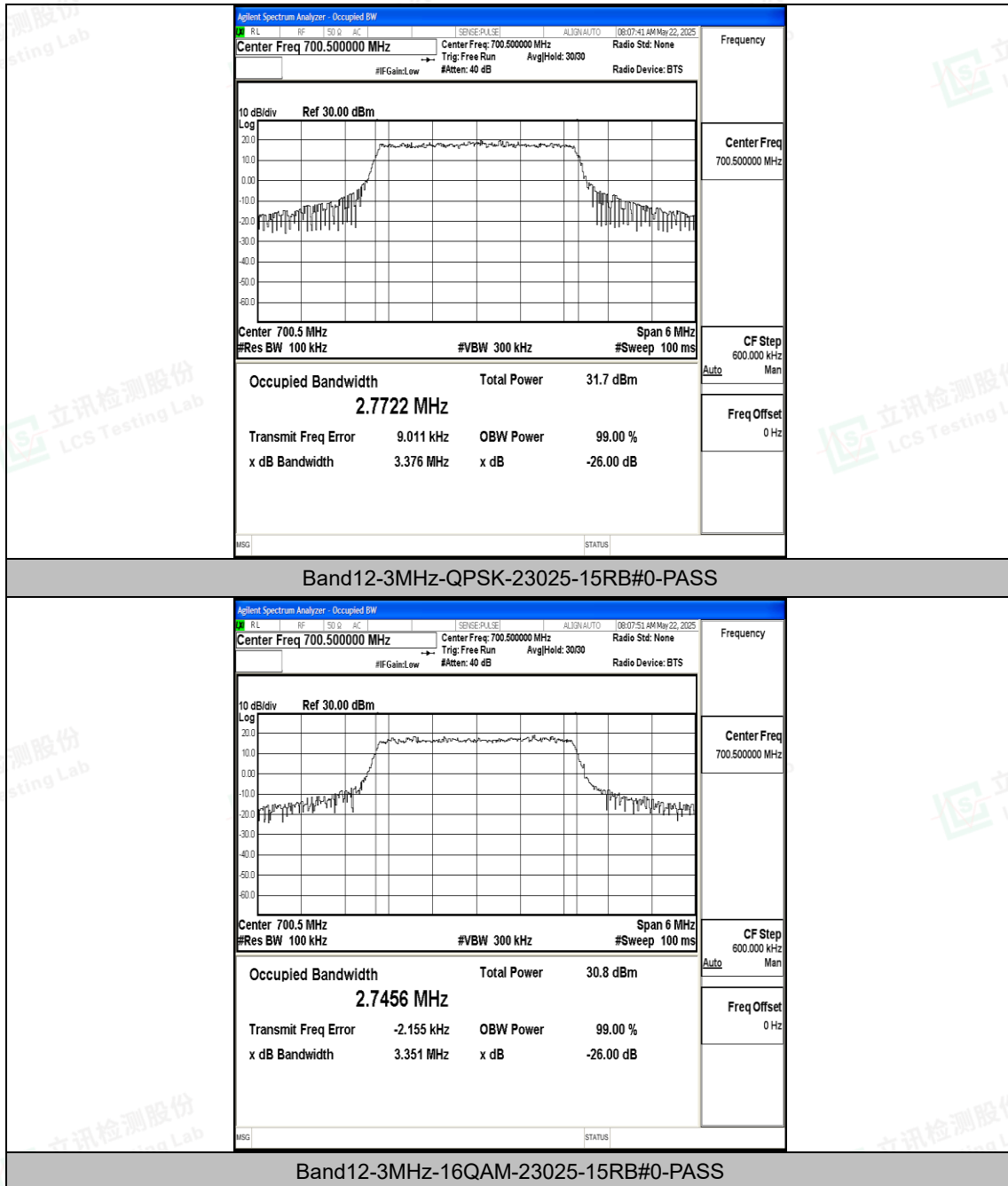
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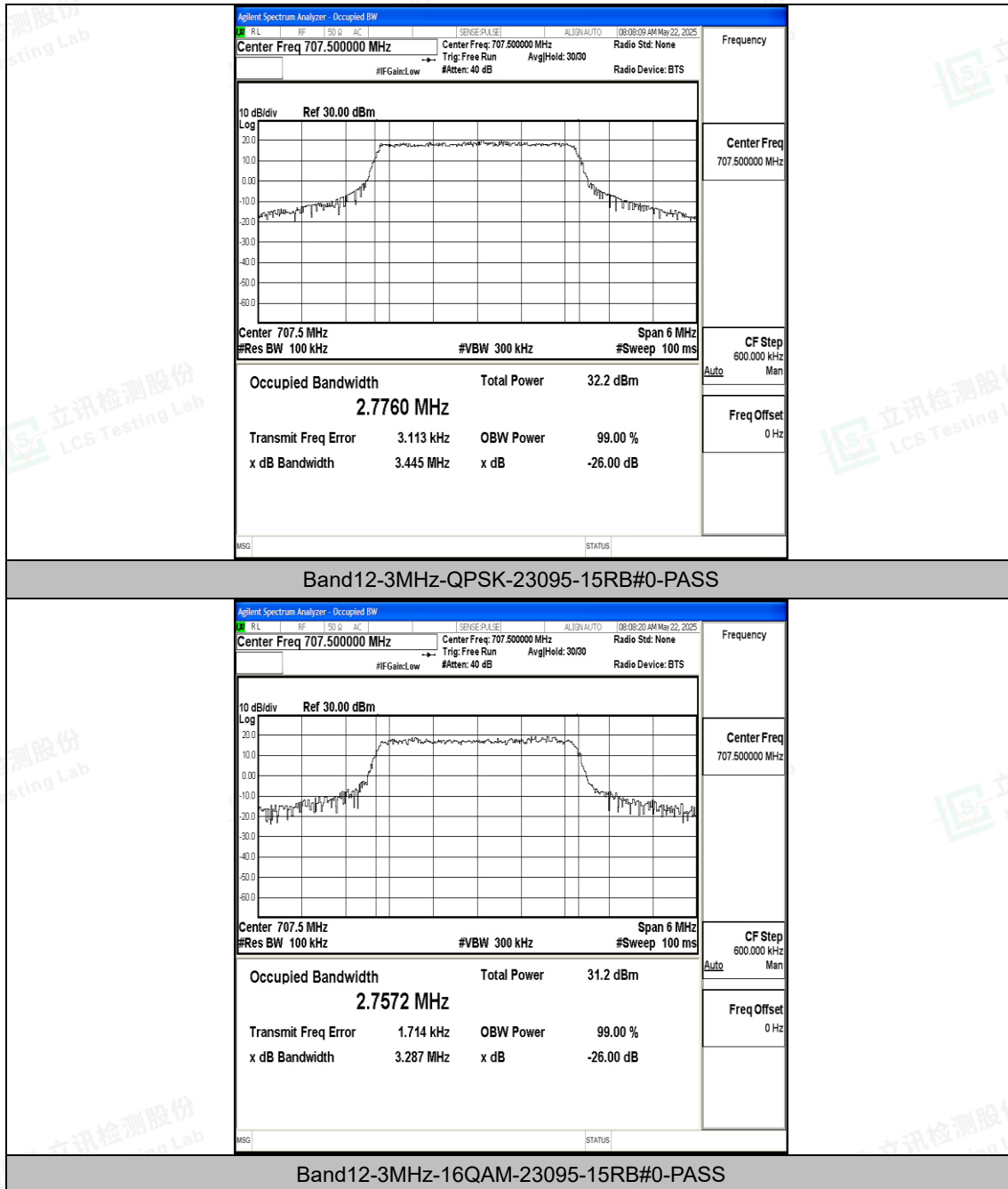


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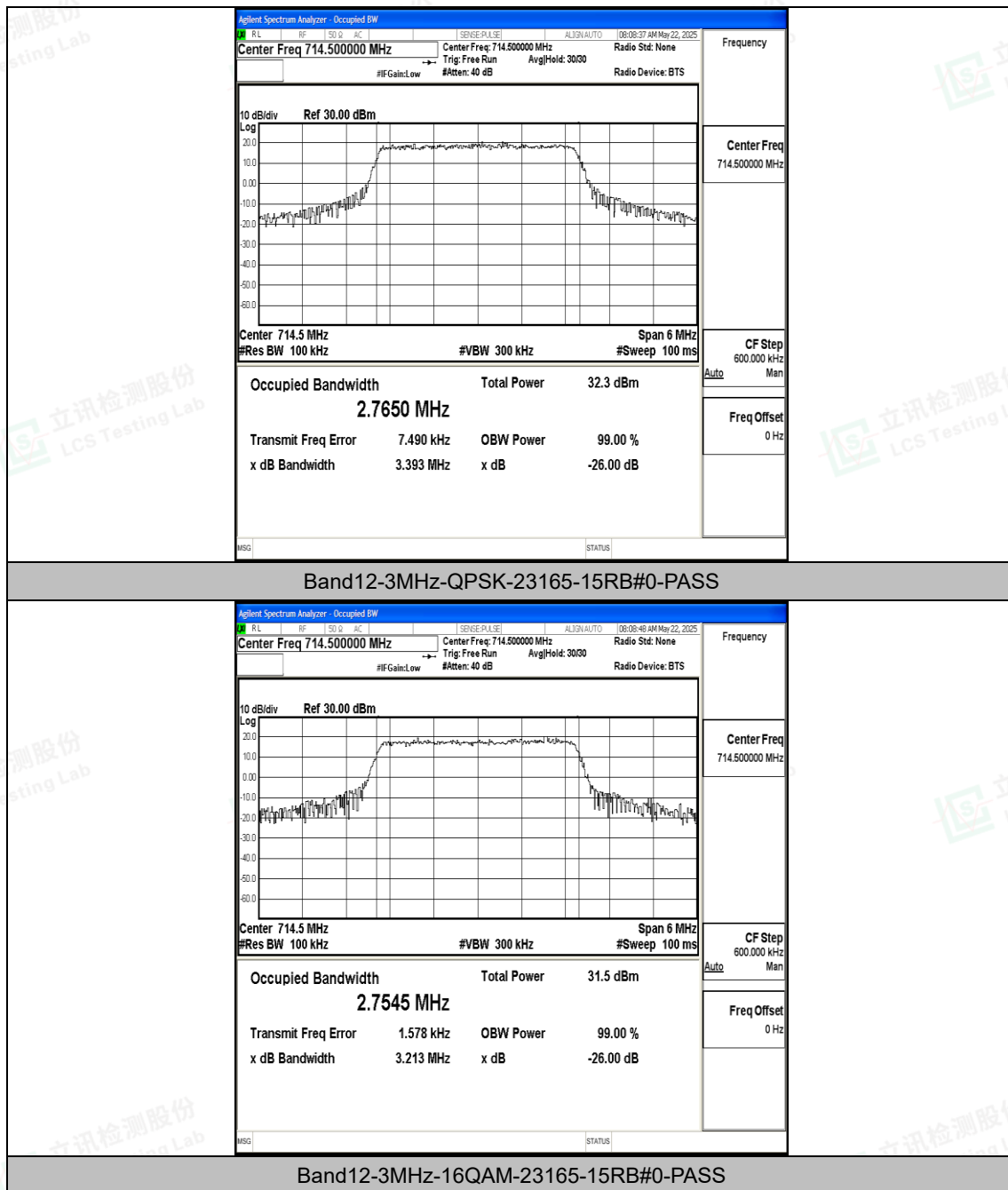


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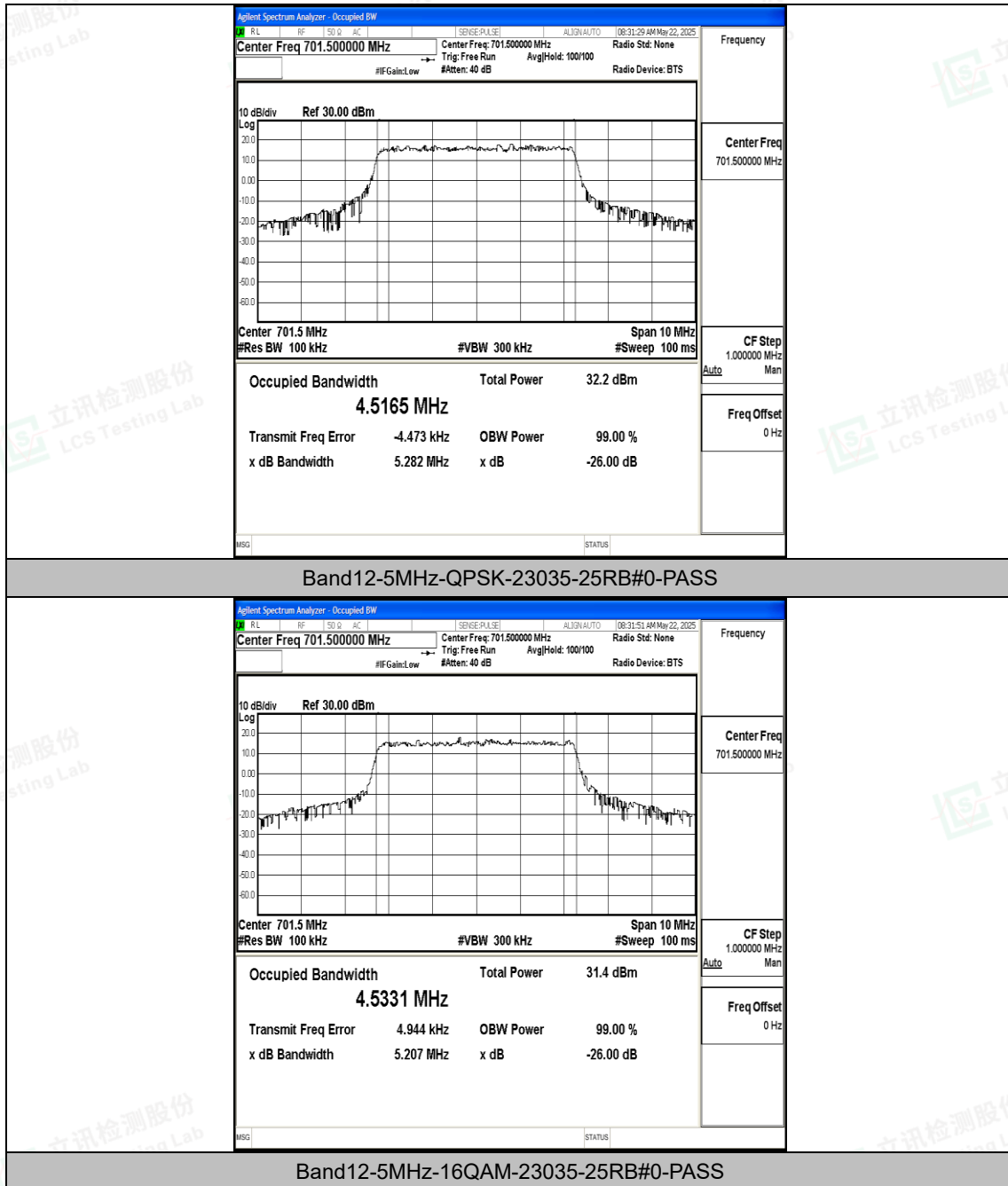


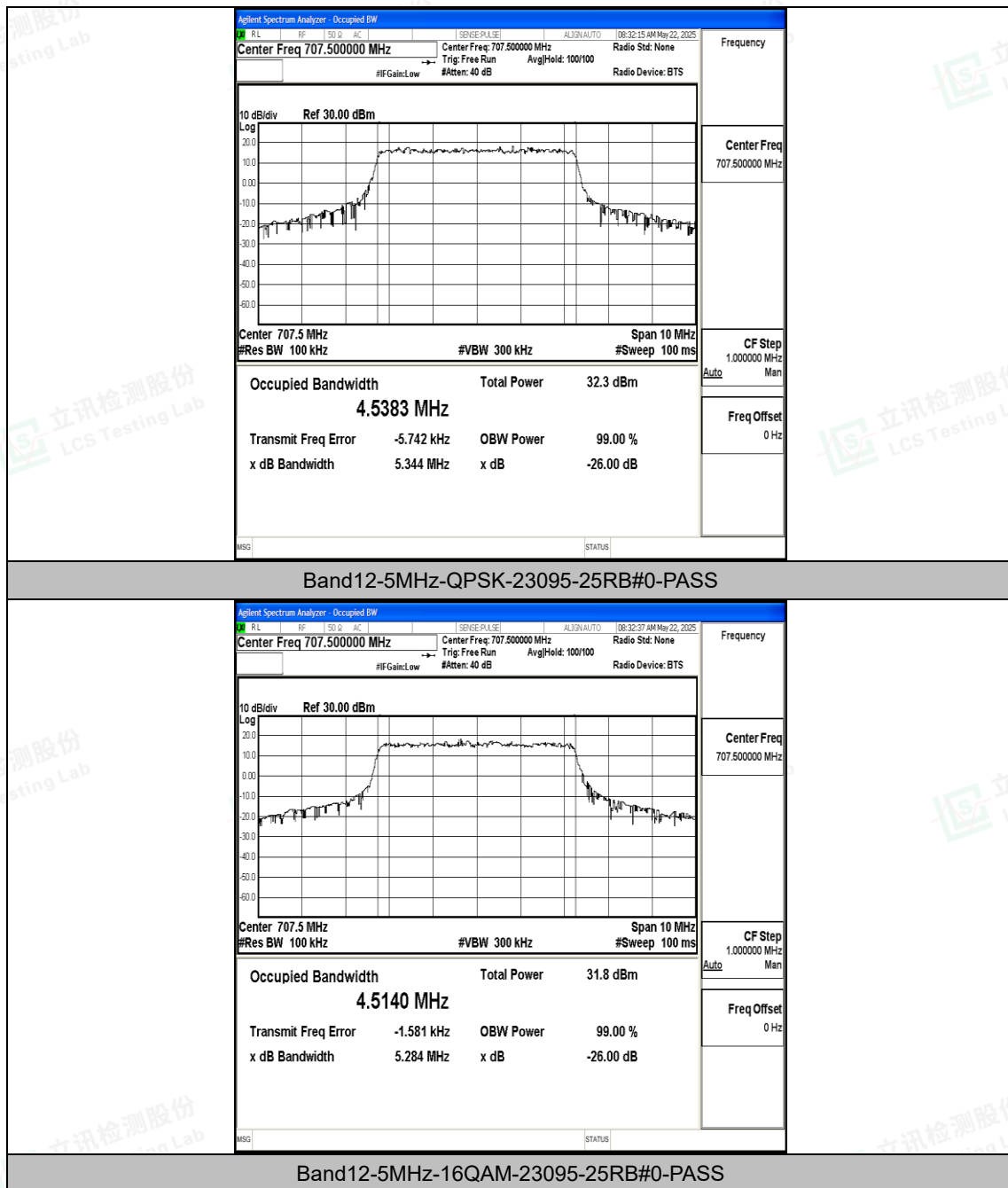
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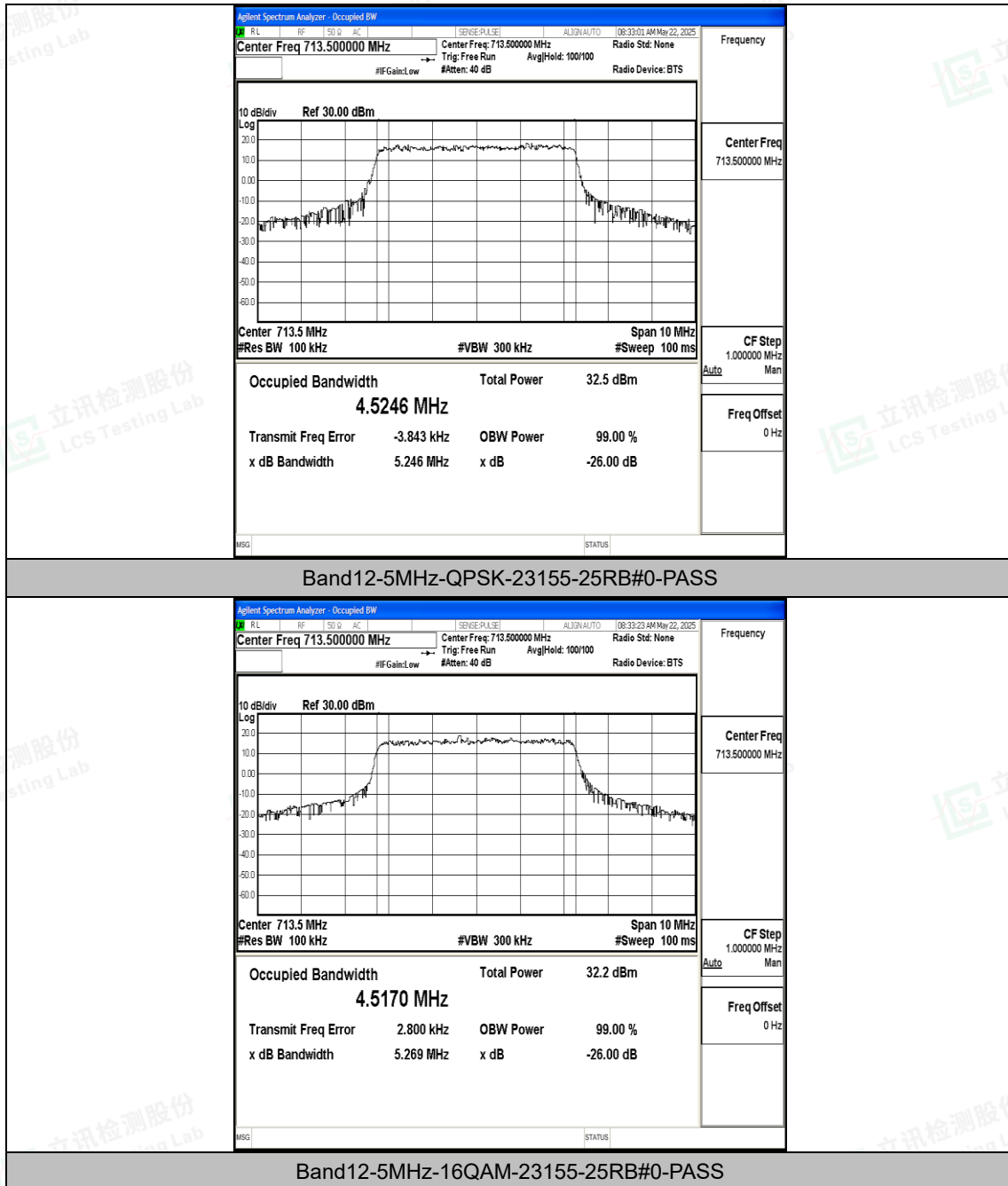


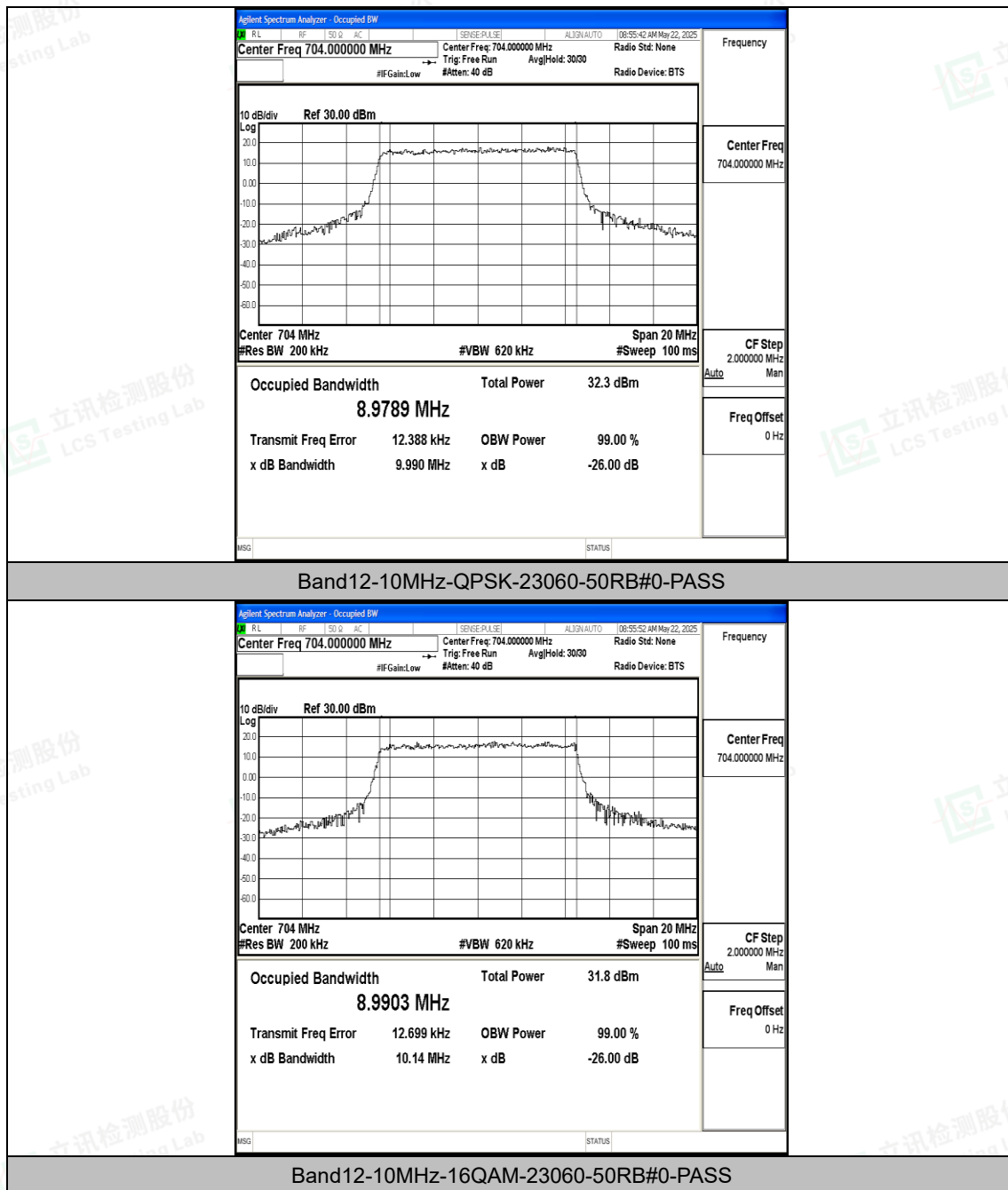
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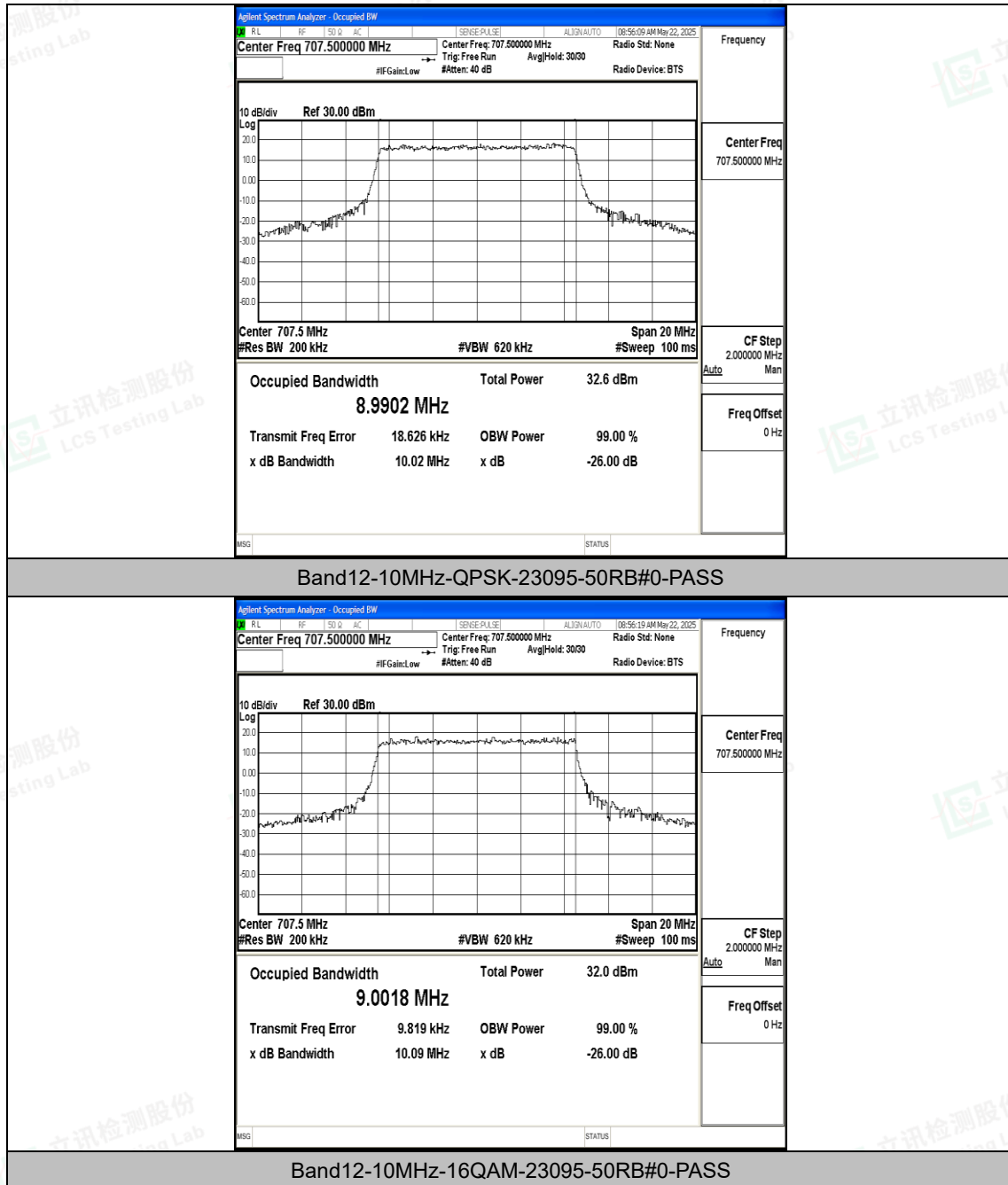


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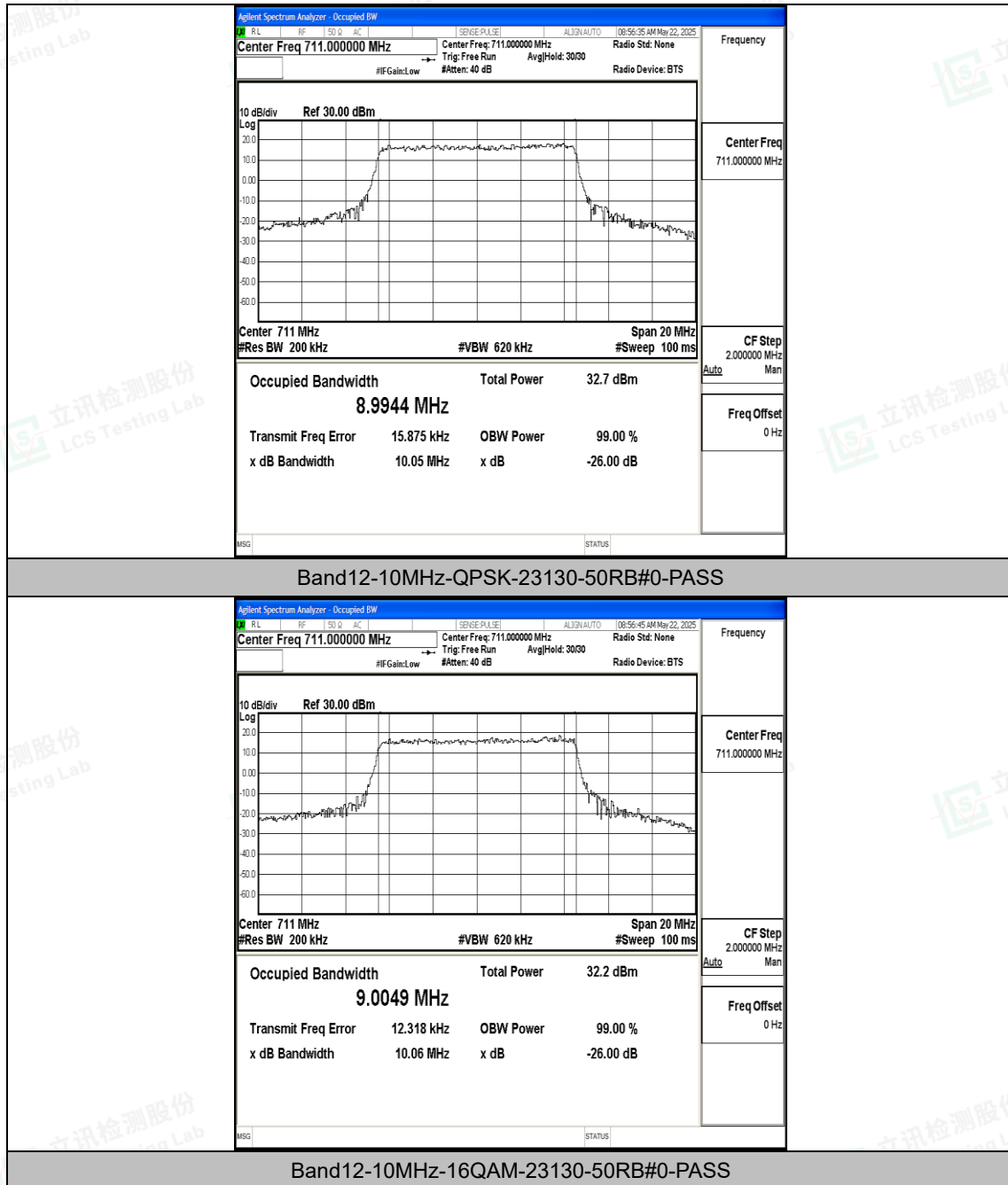


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I.4 Band Edge

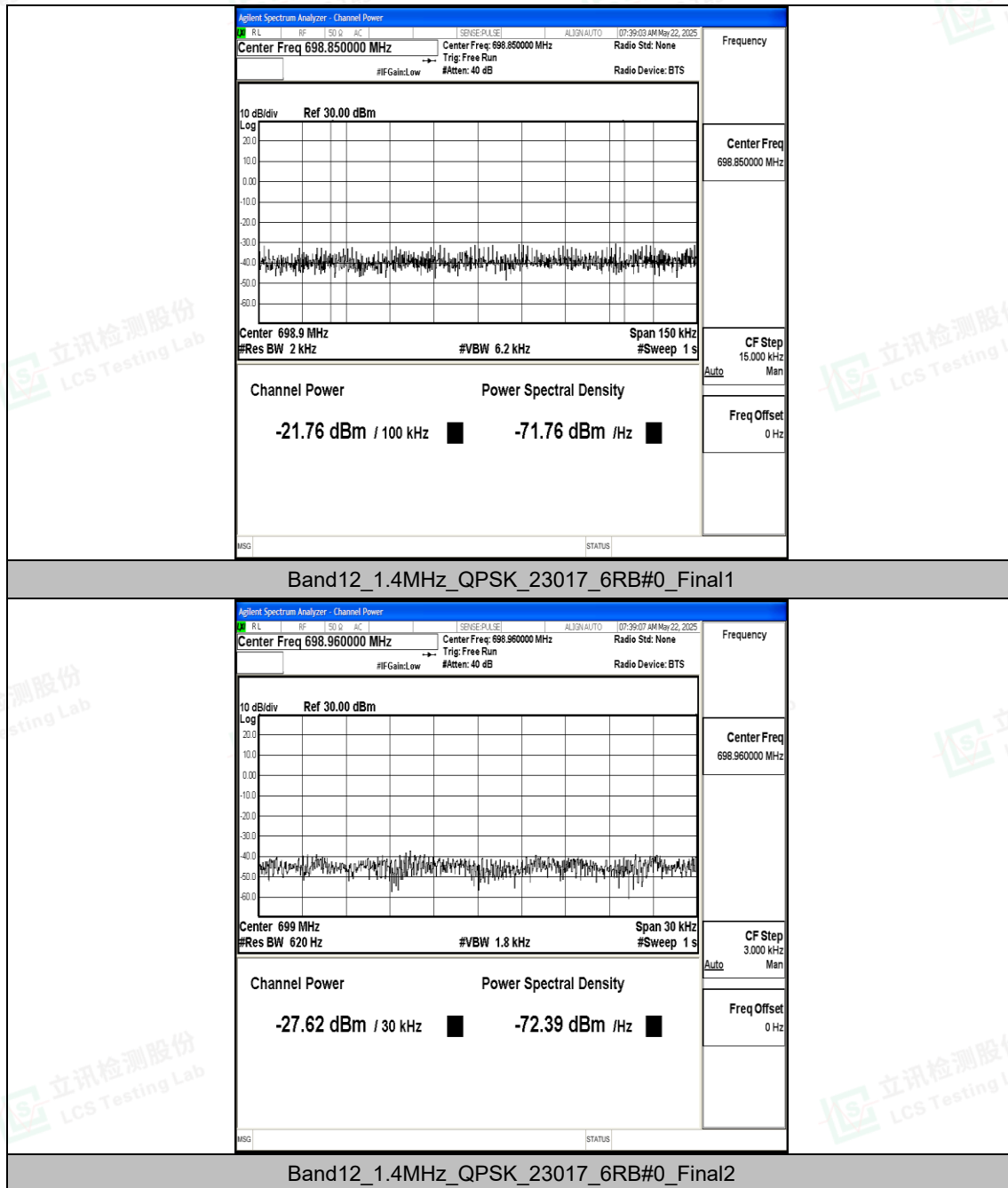
Test Result

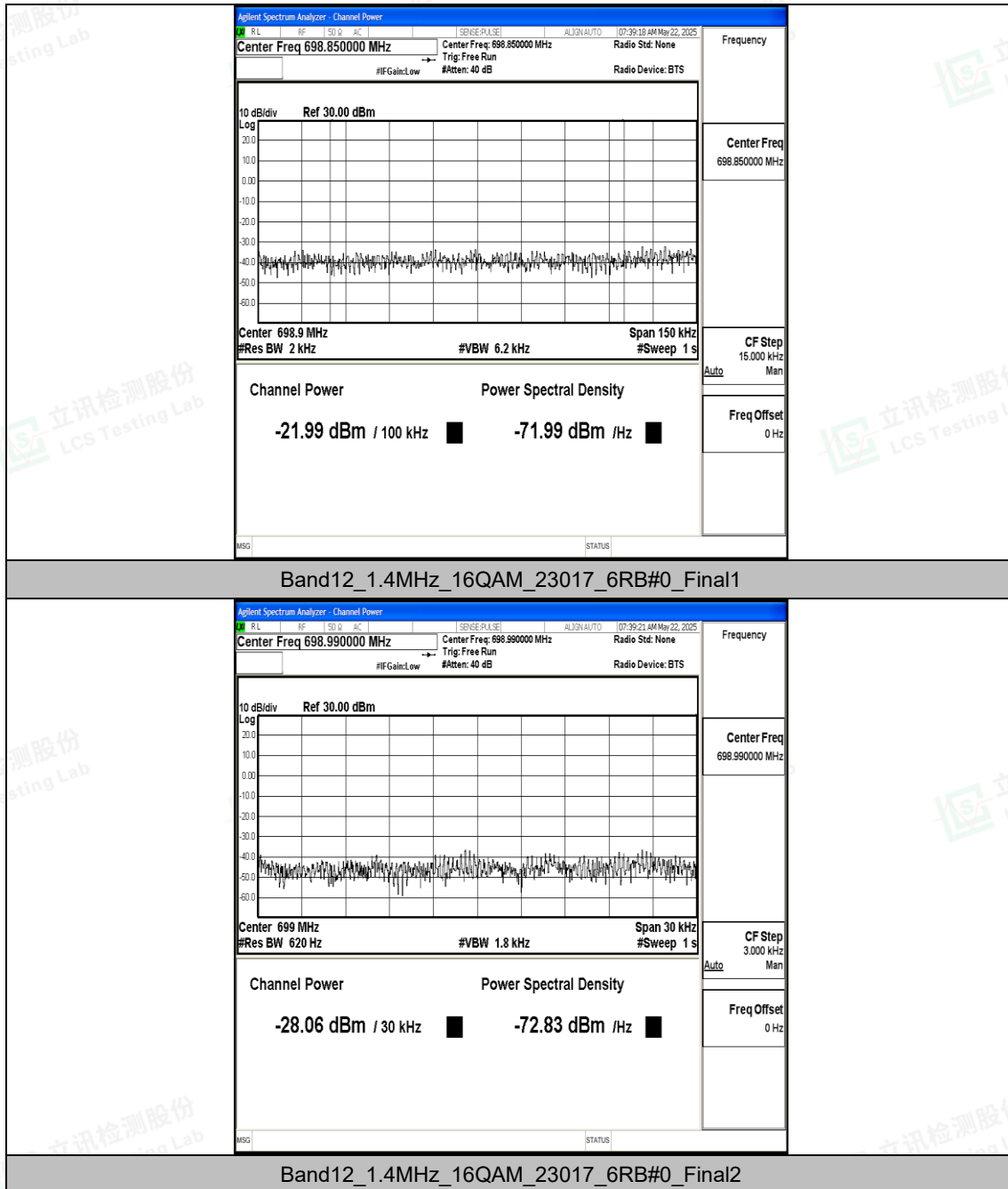
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	698.85	-21.76	PASS_Final1
Band12	1.4MHz	QPSK	23017	6RB#0	698.96	-27.62	PASS_Final2
Band12	1.4MHz	16QAM	23017	6RB#0	698.85	-21.99	PASS_Final1
Band12	1.4MHz	16QAM	23017	6RB#0	698.99	-28.06	PASS_Final2
Band12	1.4MHz	QPSK	23017	6RB#0	698.87	-25.03	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	698.90	-27.90	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	716.20	-26.33	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	716.02	-25.83	PASS_Final1
Band12	1.4MHz	QPSK	23173	6RB#0	716.20	-20.10	PASS_Final2
Band12	1.4MHz	16QAM	23173	6RB#0	716.02	-26.10	PASS_Final1
Band12	1.4MHz	16QAM	23173	6RB#0	716.15	-19.78	PASS_Final2
Band12	3MHz	QPSK	23025	15RB#0	698.85	-24.03	PASS_Final1
Band12	3MHz	QPSK	23025	15RB#0	698.99	-22.75	PASS_Final2
Band12	1.4MHz	16QAM	23173	6RB#0	716.12	-27.09	PASS
Band12	3MHz	QPSK	23025	15RB#0	698.90	-28.72	PASS
Band12	3MHz	16QAM	23025	15RB#0	698.85	-24.89	PASS_Final1
Band12	3MHz	16QAM	23025	15RB#0	698.98	-25.25	PASS_Final2
Band12	3MHz	QPSK	23165	15RB#0	716.02	-23.31	PASS_Final1
Band12	3MHz	QPSK	23165	15RB#0	716.15	-22.49	PASS_Final2
Band12	3MHz	16QAM	23165	15RB#0	716.02	-23.62	PASS_Final1
Band12	3MHz	16QAM	23025	15RB#0	698.89	-30.98	PASS
Band12	3MHz	QPSK	23165	15RB#0	716.12	-27.82	PASS
Band12	3MHz	16QAM	23165	15RB#0	716.10	-30.79	PASS
Band12	3MHz	16QAM	23165	15RB#0	716.15	-23.85	PASS_Final2
Band12	5MHz	QPSK	23155	25RB#0	716.15	-25.49	PASS_Final1
Band12	5MHz	16QAM	23155	25RB#0	716.15	-26.40	PASS_Final1
Band12	10MHz	QPSK	23060	50RB#0	698.87	-25.22	PASS
Band12	5MHz	QPSK	23035	25RB#0	698.79	-32.48	PASS
Band12	5MHz	16QAM	23035	25RB#0	698.86	-32.96	PASS
Band12	5MHz	QPSK	23155	25RB#0	716.10	-31.85	PASS
Band12	5MHz	16QAM	23155	25RB#0	716.12	-30.44	PASS
Band12	10MHz	16QAM	23060	50RB#0	698.85	-25.72	PASS
Band12	10MHz	QPSK	23130	50RB#0	716.11	-24.32	PASS
Band12	10MHz	16QAM	23130	50RB#0	716.16	-23.77	PASS





Test Graphs



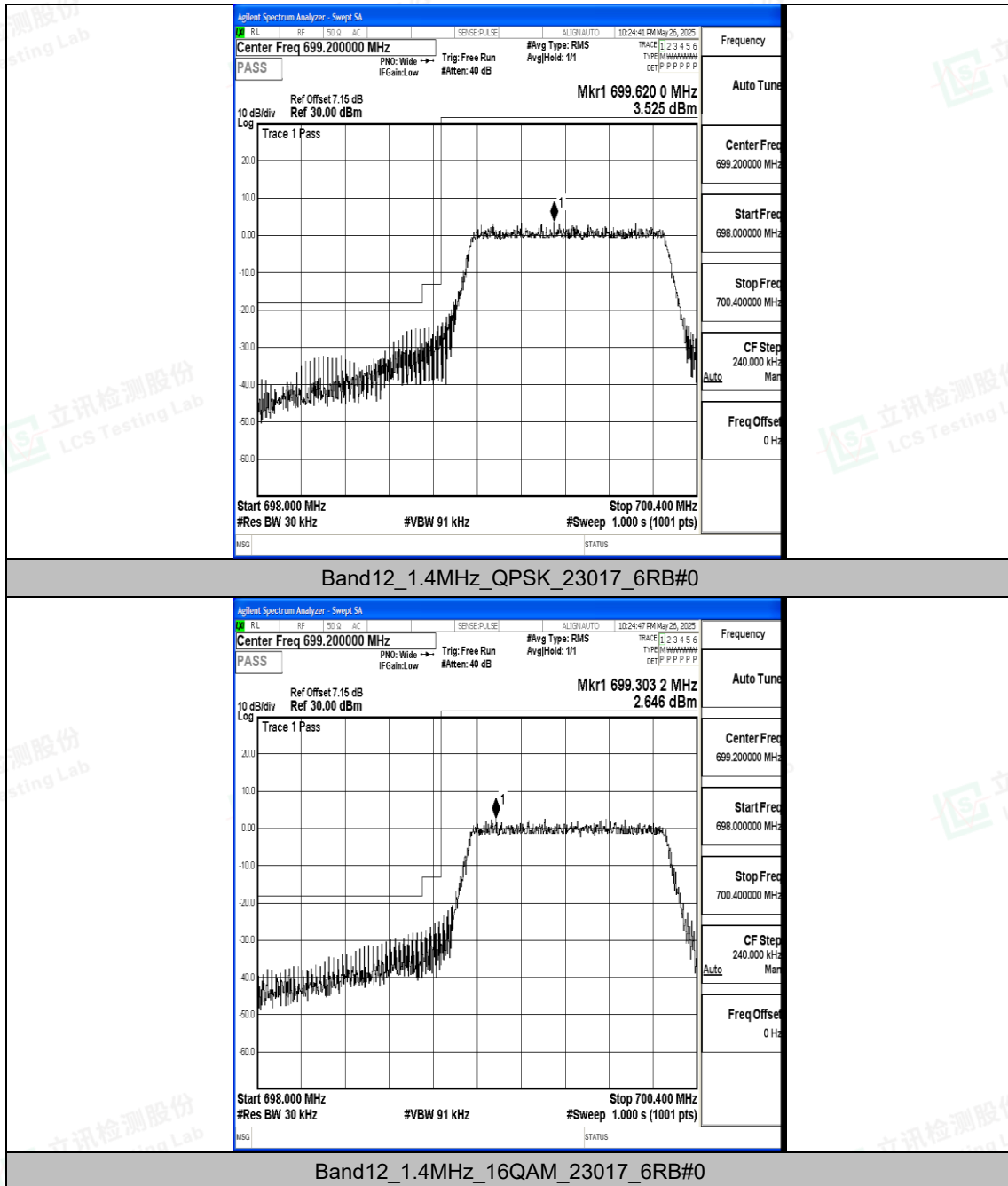


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