



Appendix F: Test Data for E-UTRA Band 12

Product Name: Sensorfact EnOcean Gateway 902MHz

Test Model: GW-ENOC-902

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	54.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Jerry Chu
Supervised by:	Can Kun





F.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	24.16	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	24.31	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	24.09	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	24.26	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	24.10	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	24.26	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	24.22	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	23.41	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	24.21	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	23.41	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	24.27	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	23.36	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	23.69	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	22.78	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	24.05	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	23.72	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	24.04	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	23.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.98	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	23.72	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	24.10	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	23.10	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	24.09	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	23.10	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	24.08	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	23.09	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	23.61	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	22.62	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	24.15	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	23.14	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	24.11	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	23.11	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	24.05	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	23.05	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	24.22	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	23.34	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	24.22	PASS





Band12	1.4MHz	16QAM	23173	3RB#1	23.34	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	24.11	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	23.33	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	23.62	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	22.65	PASS
Band12	3MHz	QPSK	23025	1RB#0	24.07	PASS
Band12	3MHz	16QAM	23025	1RB#0	23.78	PASS
Band12	3MHz	QPSK	23025	1RB#8	24.13	PASS
Band12	3MHz	16QAM	23025	1RB#8	23.82	PASS
Band12	3MHz	QPSK	23025	1RB#14	24.10	PASS
Band12	3MHz	16QAM	23025	1RB#14	23.82	PASS
Band12	3MHz	QPSK	23025	8RB#0	23.71	PASS
Band12	3MHz	16QAM	23025	8RB#0	22.98	PASS
Band12	3MHz	QPSK	23025	8RB#4	23.74	PASS
Band12	3MHz	16QAM	23025	8RB#4	22.96	PASS
Band12	3MHz	QPSK	23025	8RB#7	23.69	PASS
Band12	3MHz	16QAM	23025	8RB#7	22.96	PASS
Band12	3MHz	QPSK	23025	15RB#0	23.73	PASS
Band12	3MHz	16QAM	23025	15RB#0	22.79	PASS
Band12	3MHz	QPSK	23095	1RB#0	24.14	PASS
Band12	3MHz	16QAM	23095	1RB#0	23.02	PASS
Band12	3MHz	QPSK	23095	1RB#8	24.13	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.92	PASS
Band12	3MHz	QPSK	23095	1RB#14	24.11	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.93	PASS
Band12	3MHz	QPSK	23095	8RB#0	23.58	PASS
Band12	3MHz	16QAM	23095	8RB#0	22.80	PASS
Band12	3MHz	QPSK	23095	8RB#4	23.57	PASS
Band12	3MHz	16QAM	23095	8RB#4	22.79	PASS
Band12	3MHz	QPSK	23095	8RB#7	23.60	PASS
Band12	3MHz	16QAM	23095	8RB#7	22.72	PASS
Band12	3MHz	QPSK	23095	15RB#0	23.61	PASS
Band12	3MHz	16QAM	23095	15RB#0	22.46	PASS
Band12	3MHz	QPSK	23165	1RB#0	24.19	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.95	PASS
Band12	3MHz	QPSK	23165	1RB#8	24.19	PASS
Band12	3MHz	16QAM	23165	1RB#8	23.71	PASS
Band12	3MHz	QPSK	23165	1RB#14	24.21	PASS
Band12	3MHz	16QAM	23165	1RB#14	23.87	PASS
Band12	3MHz	QPSK	23165	8RB#0	23.70	PASS
Band12	3MHz	16QAM	23165	8RB#0	22.67	PASS
Band12	3MHz	QPSK	23165	8RB#4	23.74	PASS
Band12	3MHz	16QAM	23165	8RB#4	22.81	PASS





Band12	3MHz	QPSK	23165	8RB#7	23.68	PASS
Band12	3MHz	16QAM	23165	8RB#7	22.78	PASS
Band12	3MHz	QPSK	23165	15RB#0	23.74	PASS
Band12	3MHz	16QAM	23165	15RB#0	22.58	PASS
Band12	5MHz	QPSK	23035	1RB#0	24.18	PASS
Band12	5MHz	16QAM	23035	1RB#0	23.12	PASS
Band12	5MHz	QPSK	23035	1RB#12	24.20	PASS
Band12	5MHz	16QAM	23035	1RB#12	23.08	PASS
Band12	5MHz	QPSK	23035	1RB#24	24.14	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.95	PASS
Band12	5MHz	QPSK	23035	12RB#0	23.69	PASS
Band12	5MHz	16QAM	23035	12RB#0	22.62	PASS
Band12	5MHz	QPSK	23035	12RB#6	23.67	PASS
Band12	5MHz	16QAM	23035	12RB#6	22.62	PASS
Band12	5MHz	QPSK	23035	12RB#13	23.72	PASS
Band12	5MHz	16QAM	23035	12RB#13	22.61	PASS
Band12	5MHz	QPSK	23035	25RB#0	23.70	PASS
Band12	5MHz	16QAM	23035	25RB#0	22.69	PASS
Band12	5MHz	QPSK	23095	1RB#0	24.14	PASS
Band12	5MHz	16QAM	23095	1RB#0	23.88	PASS
Band12	5MHz	QPSK	23095	1RB#12	24.09	PASS
Band12	5MHz	16QAM	23095	1RB#12	23.79	PASS
Band12	5MHz	QPSK	23095	1RB#24	24.15	PASS
Band12	5MHz	16QAM	23095	1RB#24	23.89	PASS
Band12	5MHz	QPSK	23095	12RB#0	23.56	PASS
Band12	5MHz	16QAM	23095	12RB#0	22.72	PASS
Band12	5MHz	QPSK	23095	12RB#6	23.57	PASS
Band12	5MHz	16QAM	23095	12RB#6	22.73	PASS
Band12	5MHz	QPSK	23095	12RB#13	23.65	PASS
Band12	5MHz	16QAM	23095	12RB#13	22.61	PASS
Band12	5MHz	QPSK	23095	25RB#0	23.66	PASS
Band12	5MHz	16QAM	23095	25RB#0	22.62	PASS
Band12	5MHz	QPSK	23155	1RB#0	24.08	PASS
Band12	5MHz	16QAM	23155	1RB#0	23.27	PASS
Band12	5MHz	QPSK	23155	1RB#12	24.02	PASS
Band12	5MHz	16QAM	23155	1RB#12	23.22	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.89	PASS
Band12	5MHz	16QAM	23155	1RB#24	23.23	PASS
Band12	5MHz	QPSK	23155	12RB#0	23.54	PASS
Band12	5MHz	16QAM	23155	12RB#0	22.51	PASS
Band12	5MHz	QPSK	23155	12RB#6	23.55	PASS
Band12	5MHz	16QAM	23155	12RB#6	22.51	PASS
Band12	5MHz	QPSK	23155	12RB#13	23.71	PASS





Band12	5MHz	16QAM	23155	12RB#13	22.61	PASS
Band12	5MHz	QPSK	23155	25RB#0	23.84	PASS
Band12	5MHz	16QAM	23155	25RB#0	22.76	PASS
Band12	10MHz	QPSK	23060	1RB#0	24.10	PASS
Band12	10MHz	16QAM	23060	1RB#0	23.34	PASS
Band12	10MHz	QPSK	23060	1RB#24	24.03	PASS
Band12	10MHz	16QAM	23060	1RB#24	23.20	PASS
Band12	10MHz	QPSK	23060	1RB#49	24.04	PASS
Band12	10MHz	16QAM	23060	1RB#49	23.21	PASS
Band12	10MHz	QPSK	23060	25RB#0	23.64	PASS
Band12	10MHz	16QAM	23060	25RB#0	22.62	PASS
Band12	10MHz	QPSK	23060	25RB#12	23.63	PASS
Band12	10MHz	16QAM	23060	25RB#12	22.62	PASS
Band12	10MHz	QPSK	23060	25RB#25	23.55	PASS
Band12	10MHz	16QAM	23060	25RB#25	22.63	PASS
Band12	10MHz	QPSK	23060	50RB#0	23.57	PASS
Band12	10MHz	16QAM	23060	50RB#0	22.64	PASS
Band12	10MHz	QPSK	23095	1RB#0	24.16	PASS
Band12	10MHz	16QAM	23095	1RB#0	23.41	PASS
Band12	10MHz	QPSK	23095	1RB#24	24.11	PASS
Band12	10MHz	16QAM	23095	1RB#24	23.45	PASS
Band12	10MHz	QPSK	23095	1RB#49	24.19	PASS
Band12	10MHz	16QAM	23095	1RB#49	23.37	PASS
Band12	10MHz	QPSK	23095	25RB#0	23.57	PASS
Band12	10MHz	16QAM	23095	25RB#0	22.77	PASS
Band12	10MHz	QPSK	23095	25RB#12	23.70	PASS
Band12	10MHz	16QAM	23095	25RB#12	22.74	PASS
Band12	10MHz	QPSK	23095	25RB#25	23.64	PASS
Band12	10MHz	16QAM	23095	25RB#25	22.76	PASS
Band12	10MHz	QPSK	23095	50RB#0	23.53	PASS
Band12	10MHz	16QAM	23095	50RB#0	22.63	PASS
Band12	10MHz	QPSK	23130	1RB#0	24.13	PASS
Band12	10MHz	16QAM	23130	1RB#0	24.27	PASS
Band12	10MHz	QPSK	23130	1RB#24	24.03	PASS
Band12	10MHz	16QAM	23130	1RB#24	24.33	PASS
Band12	10MHz	QPSK	23130	1RB#49	24.11	PASS
Band12	10MHz	16QAM	23130	1RB#49	24.23	PASS
Band12	10MHz	QPSK	23130	25RB#0	23.58	PASS
Band12	10MHz	16QAM	23130	25RB#0	22.66	PASS
Band12	10MHz	QPSK	23130	25RB#12	23.54	PASS
Band12	10MHz	16QAM	23130	25RB#12	22.65	PASS
Band12	10MHz	QPSK	23130	25RB#25	23.72	PASS
Band12	10MHz	16QAM	23130	25RB#25	22.81	PASS





Band12	10MHz	QPSK	23130	50RB#0	23.82	PASS
Band12	10MHz	16QAM	23130	50RB#0	22.75	PASS





F.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	5.04	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.60	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.54	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.26	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	5.24	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.86	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.55	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.38	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	5.02	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	5.54	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.28	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.09	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	5.06	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	5.78	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.69	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.47	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	5.32	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	6.11	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.61	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.43	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	5.08	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.80	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.44	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.27	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	5.08	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.85	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.53	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.29	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	5.27	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	6.03	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.66	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.39	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	5.18	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	5.13	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	5.63	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.73	13	PASS



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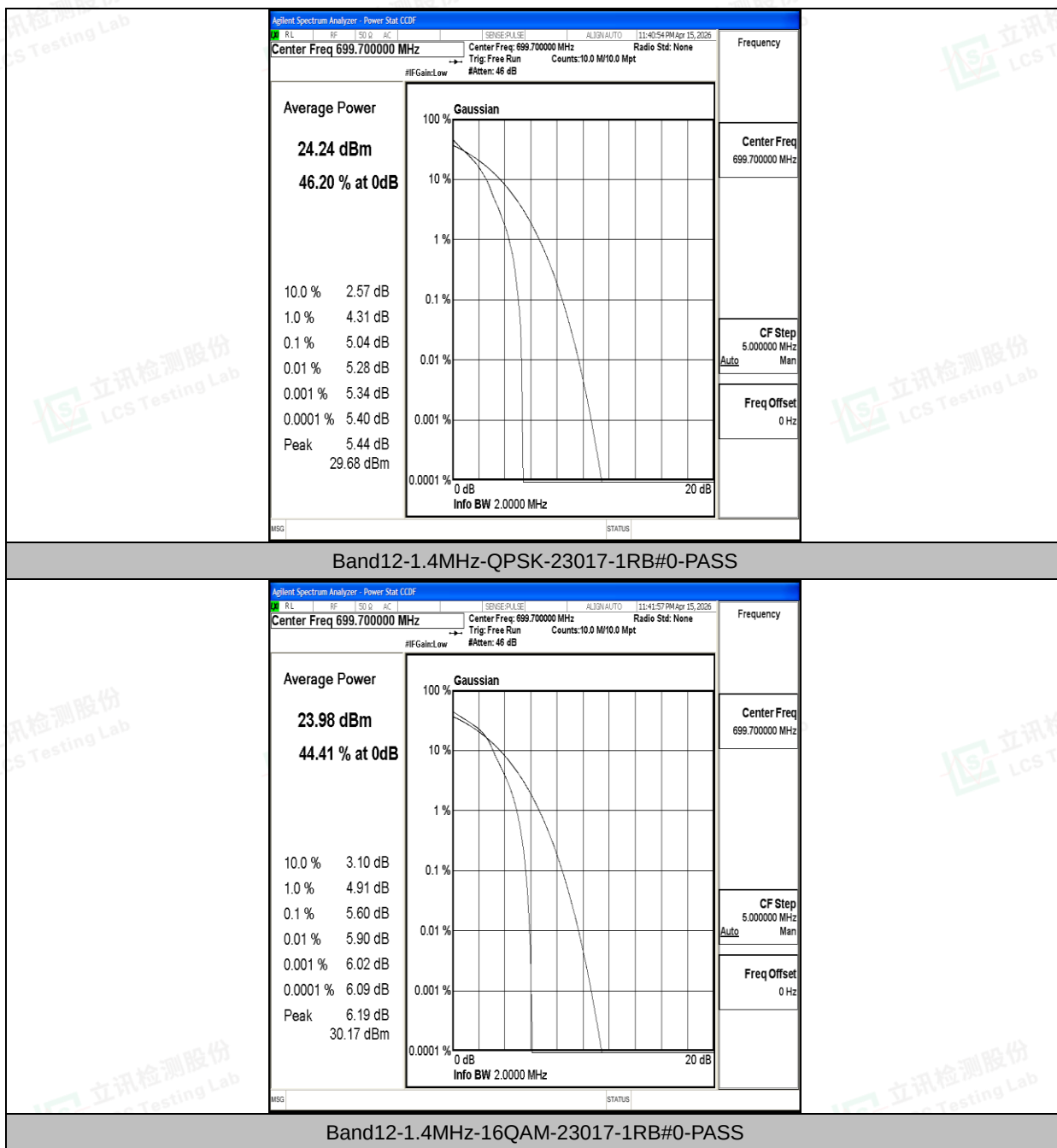


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Band12	10MHz	QPSK	23095	1RB#0	5.00	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.50	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	5.93	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.52	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.22	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.64	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.37	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	5.30	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.81	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.71	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.40	13	PASS





Test Graphs

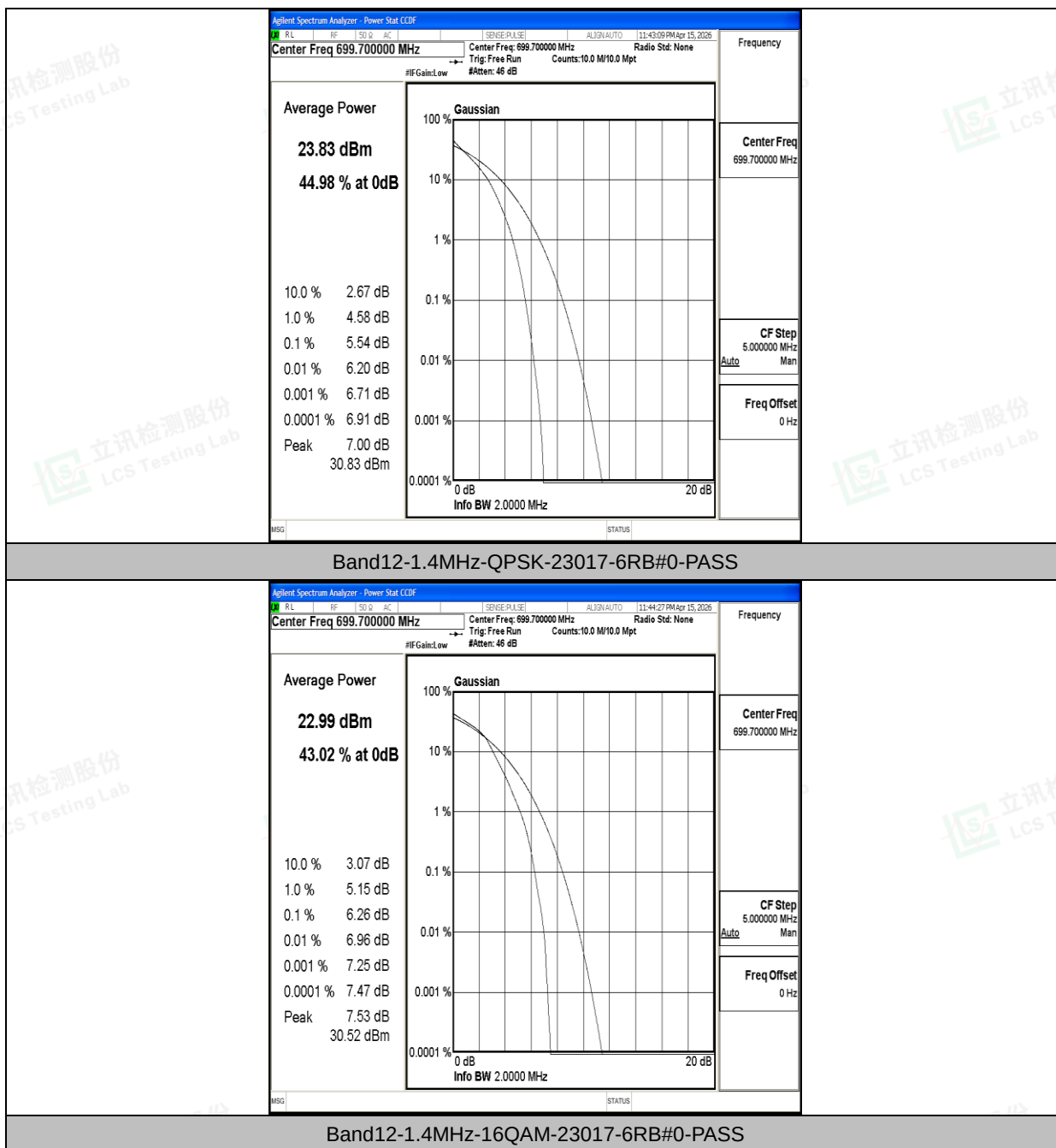


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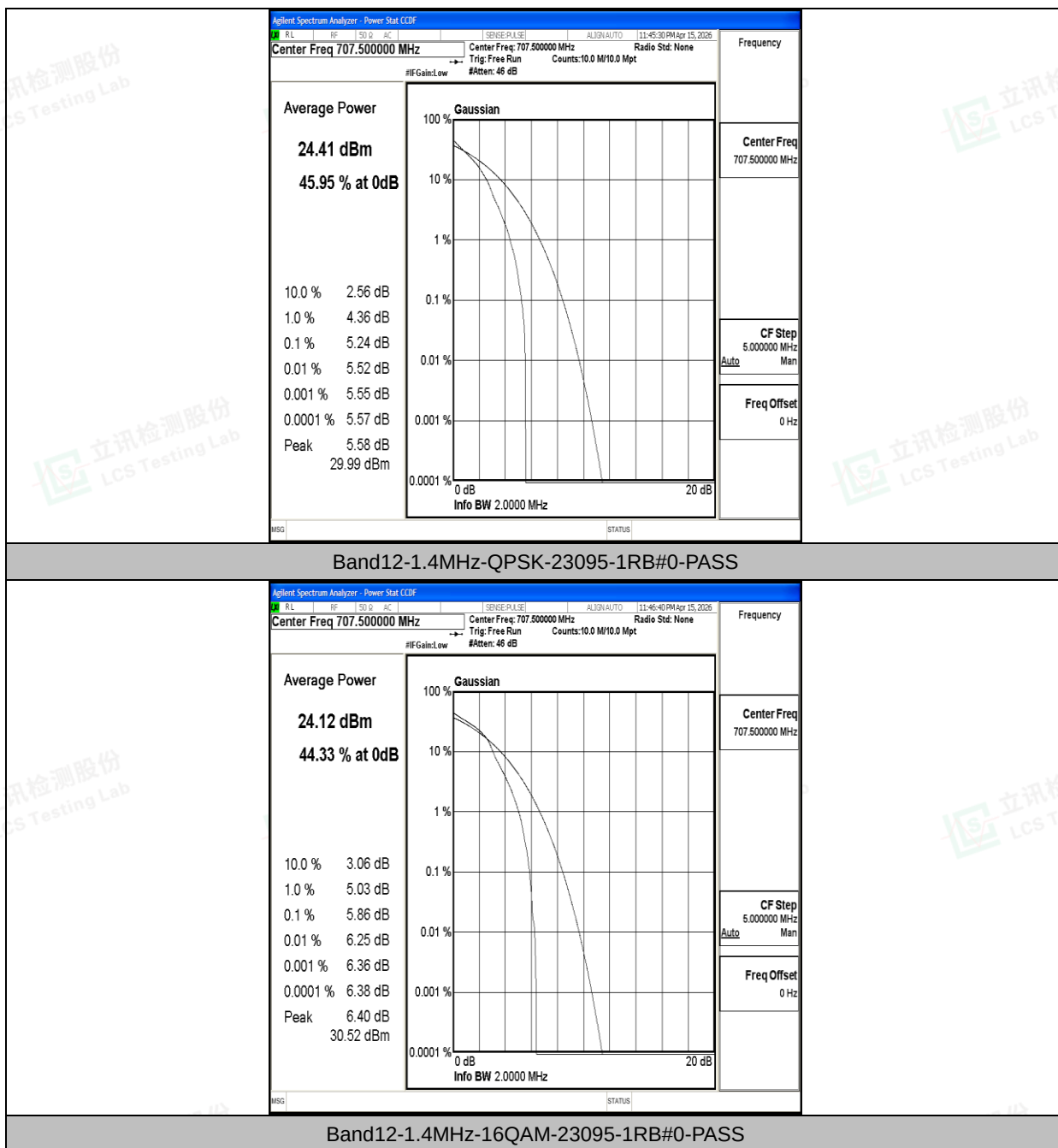


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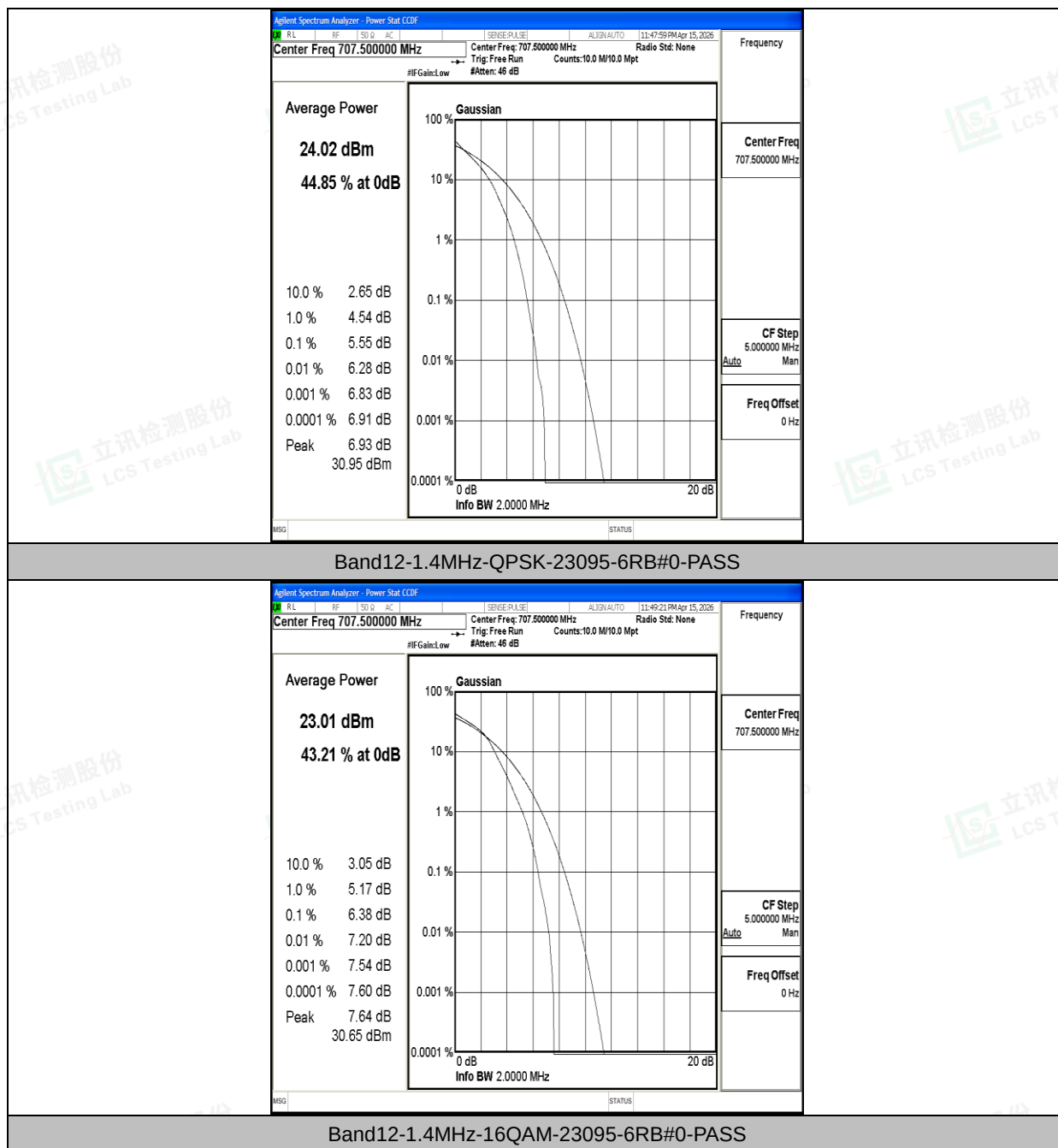


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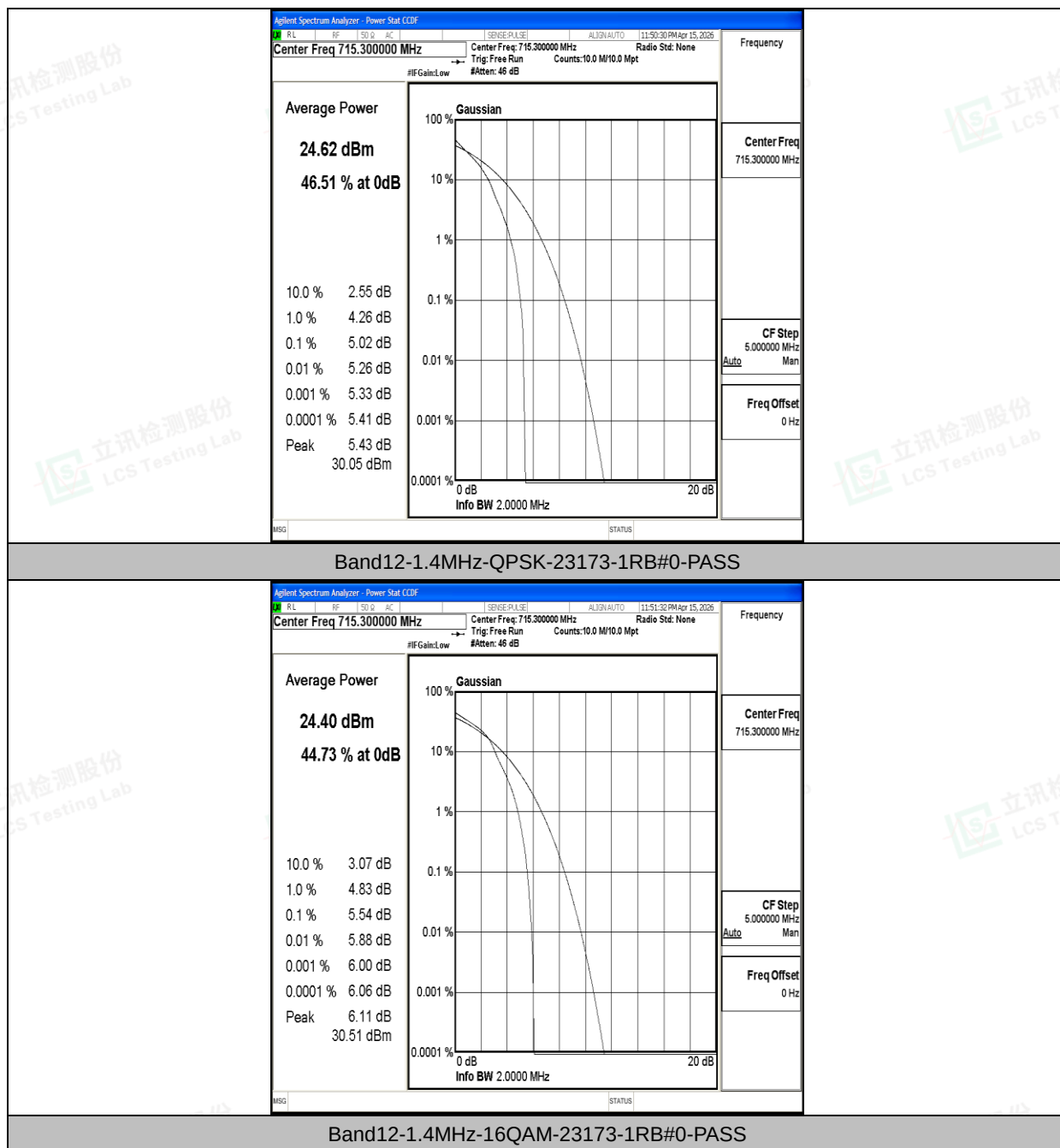


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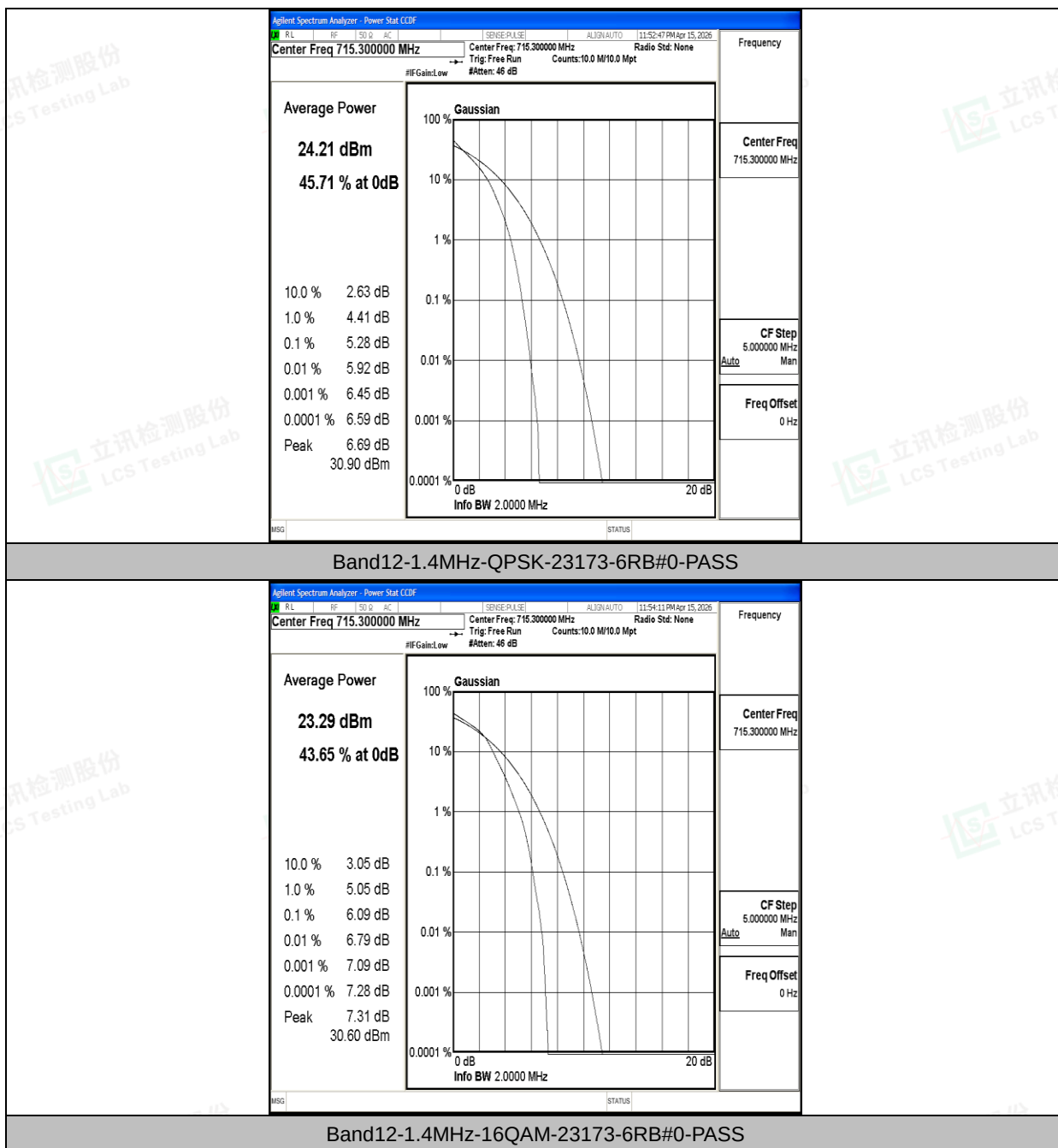


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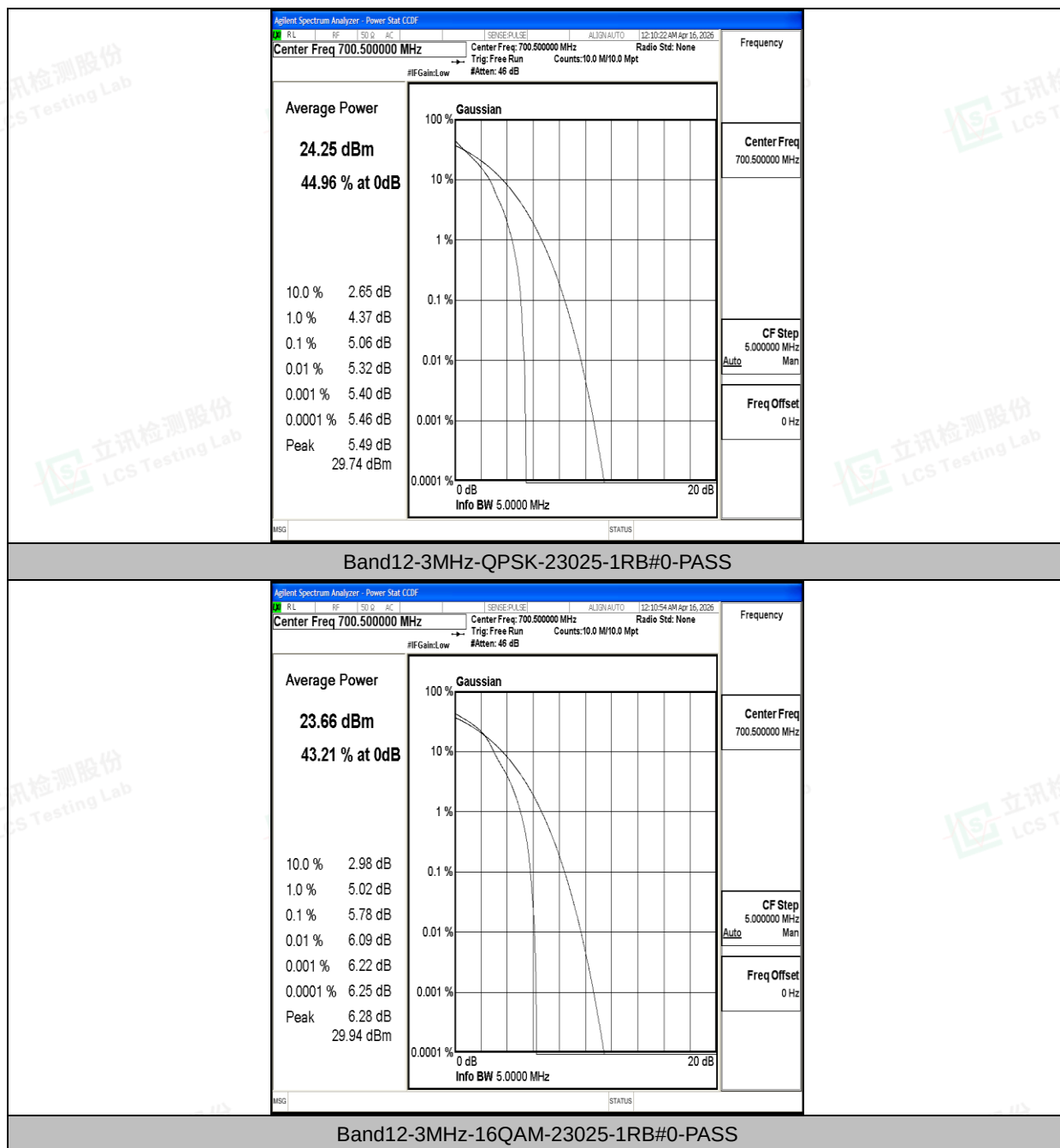


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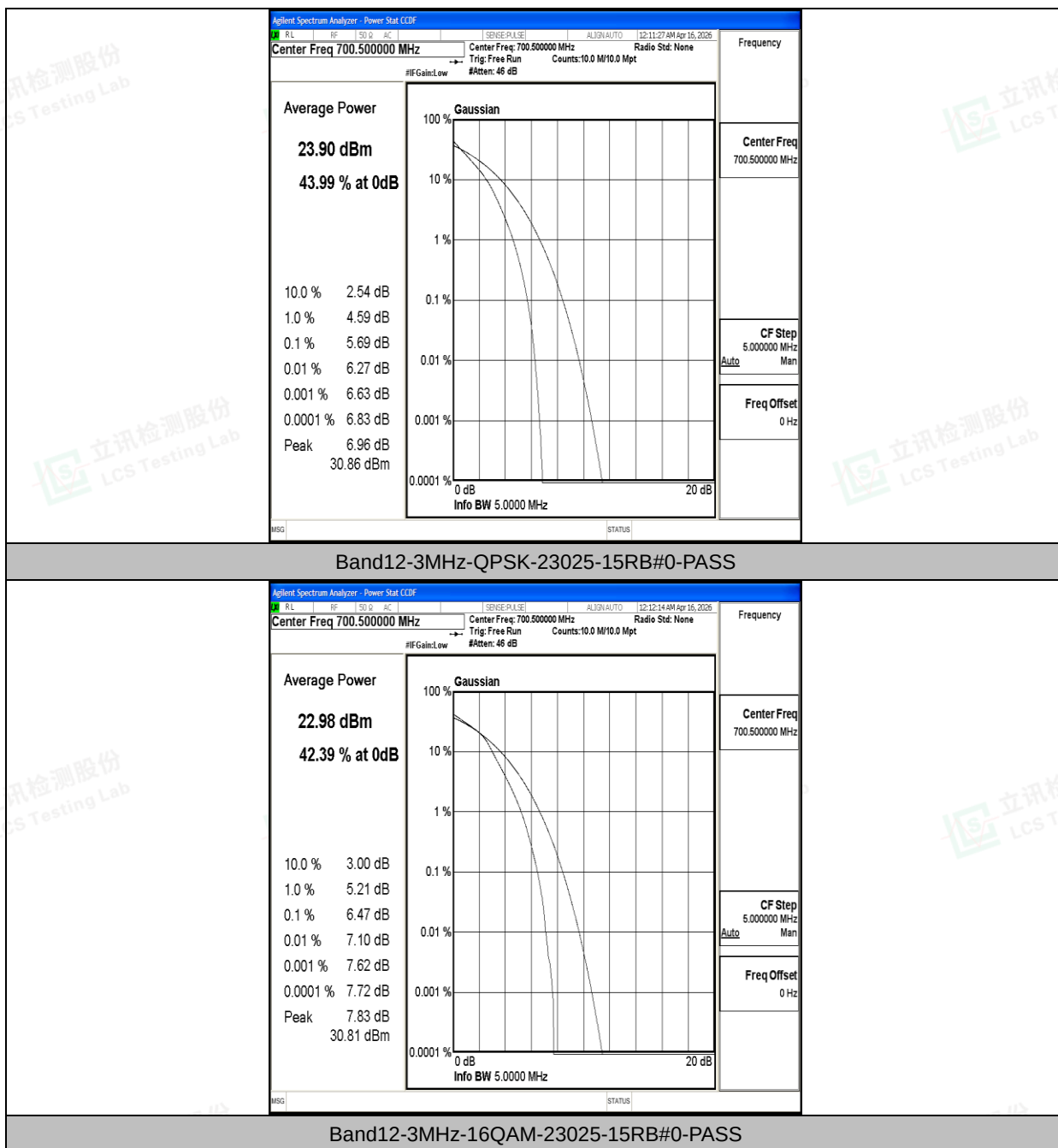


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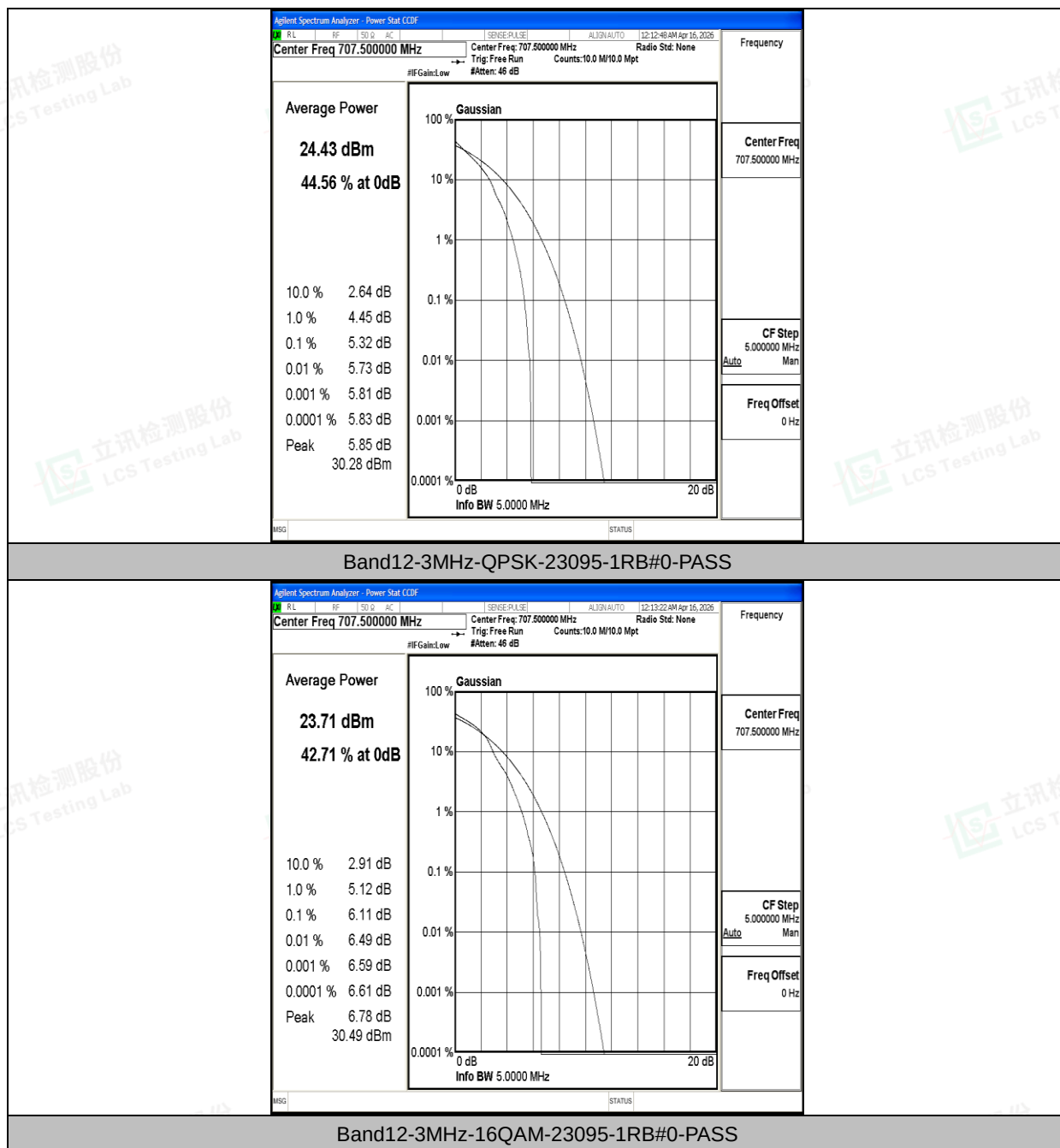


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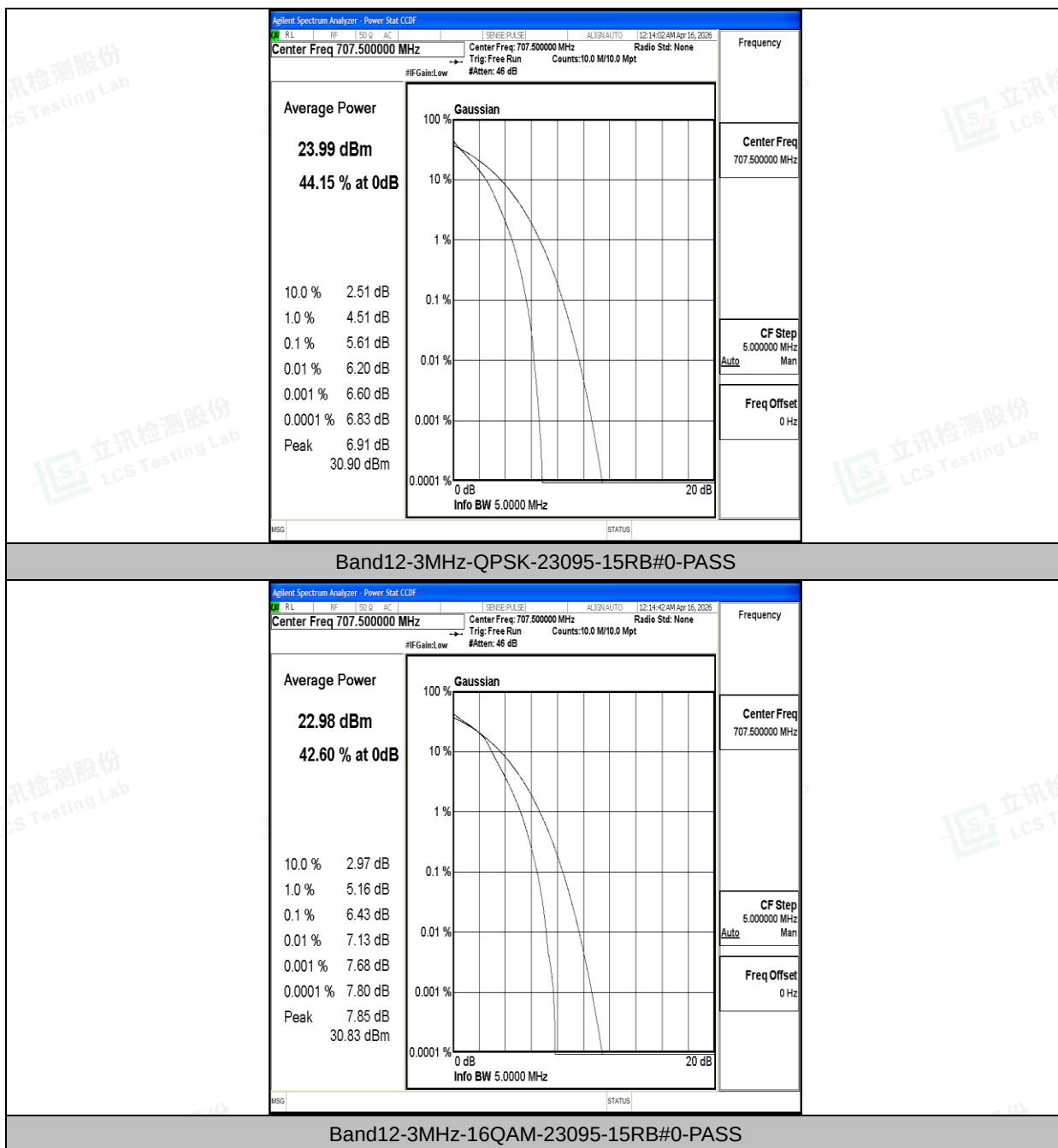


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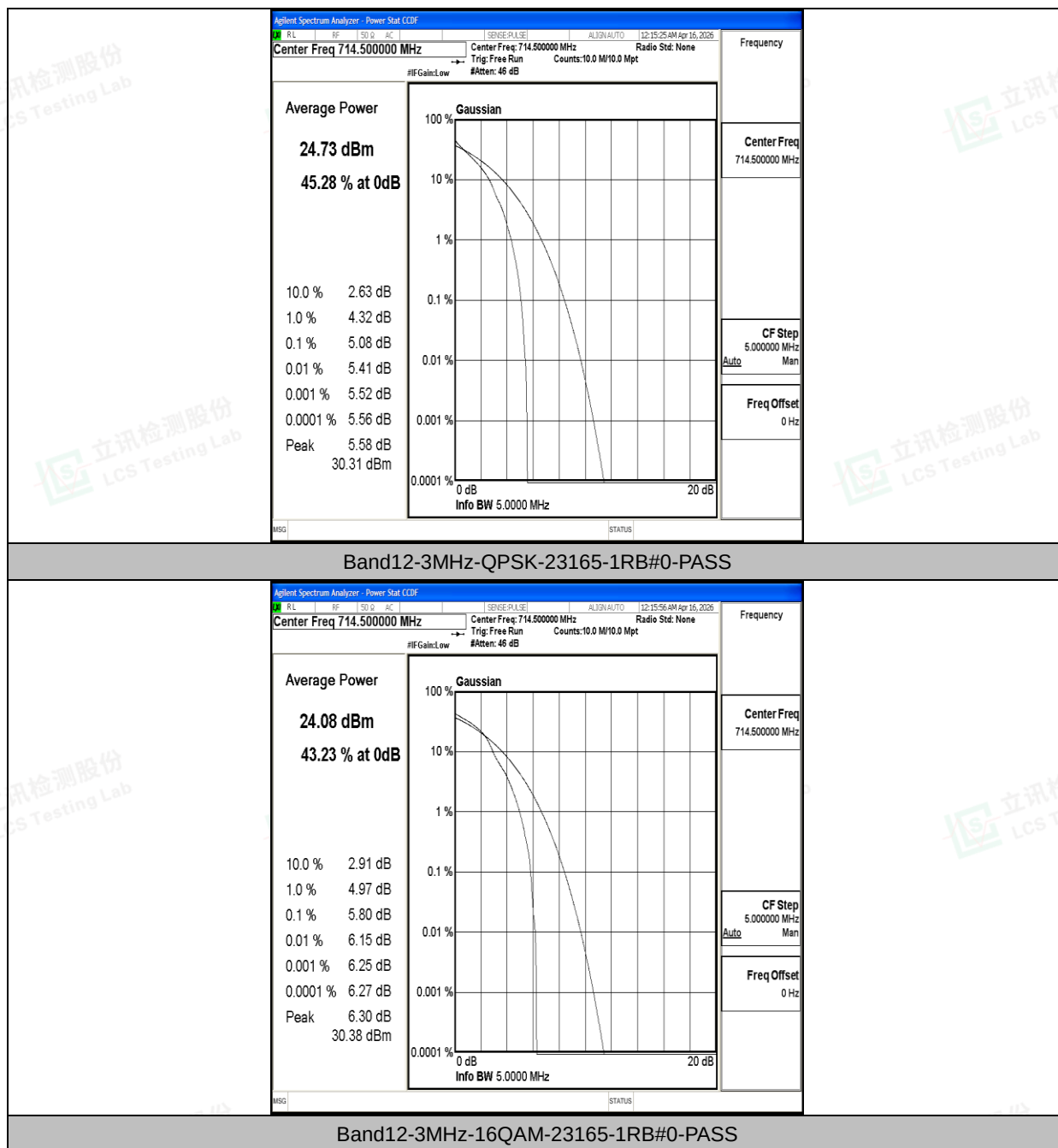


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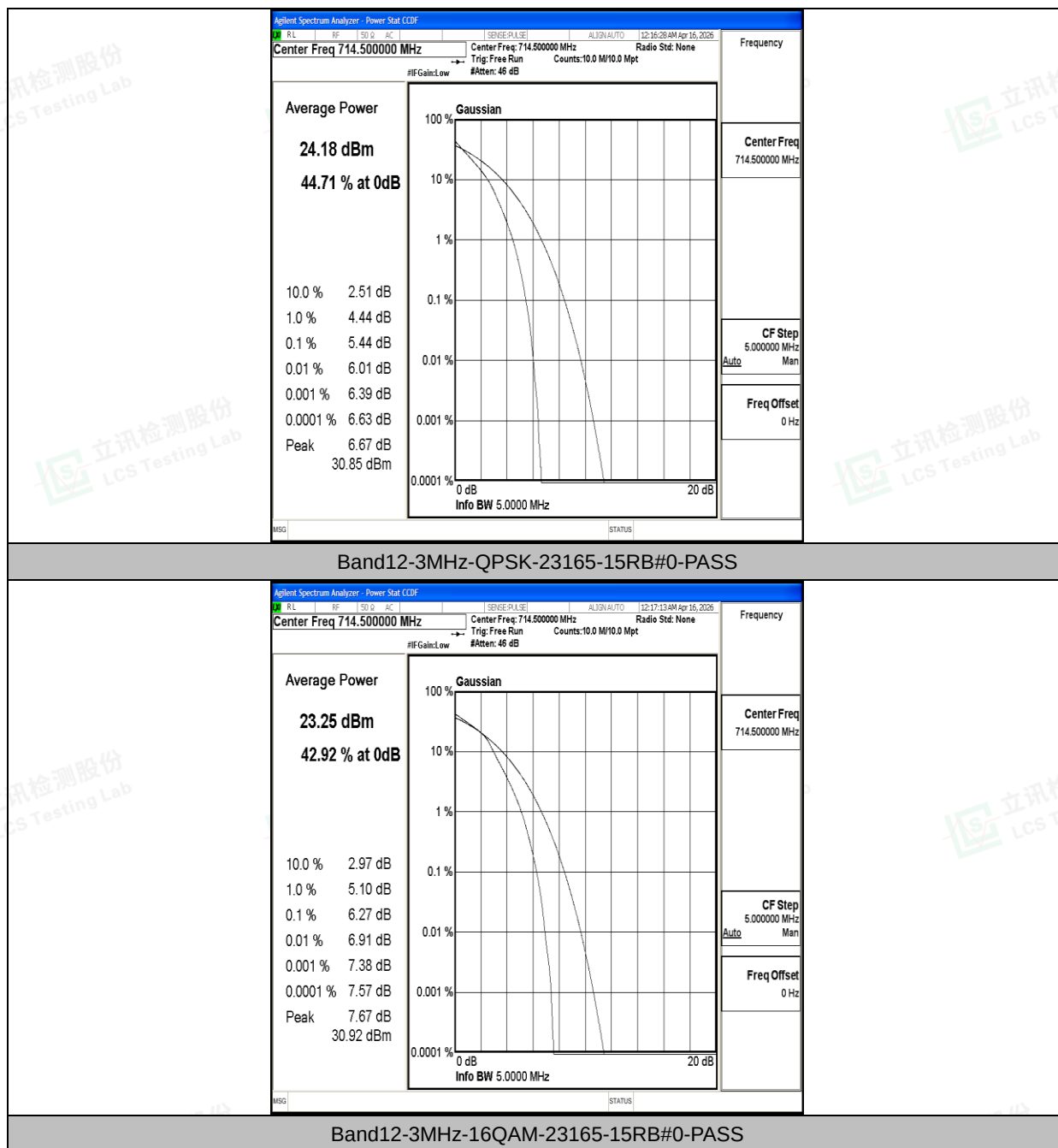


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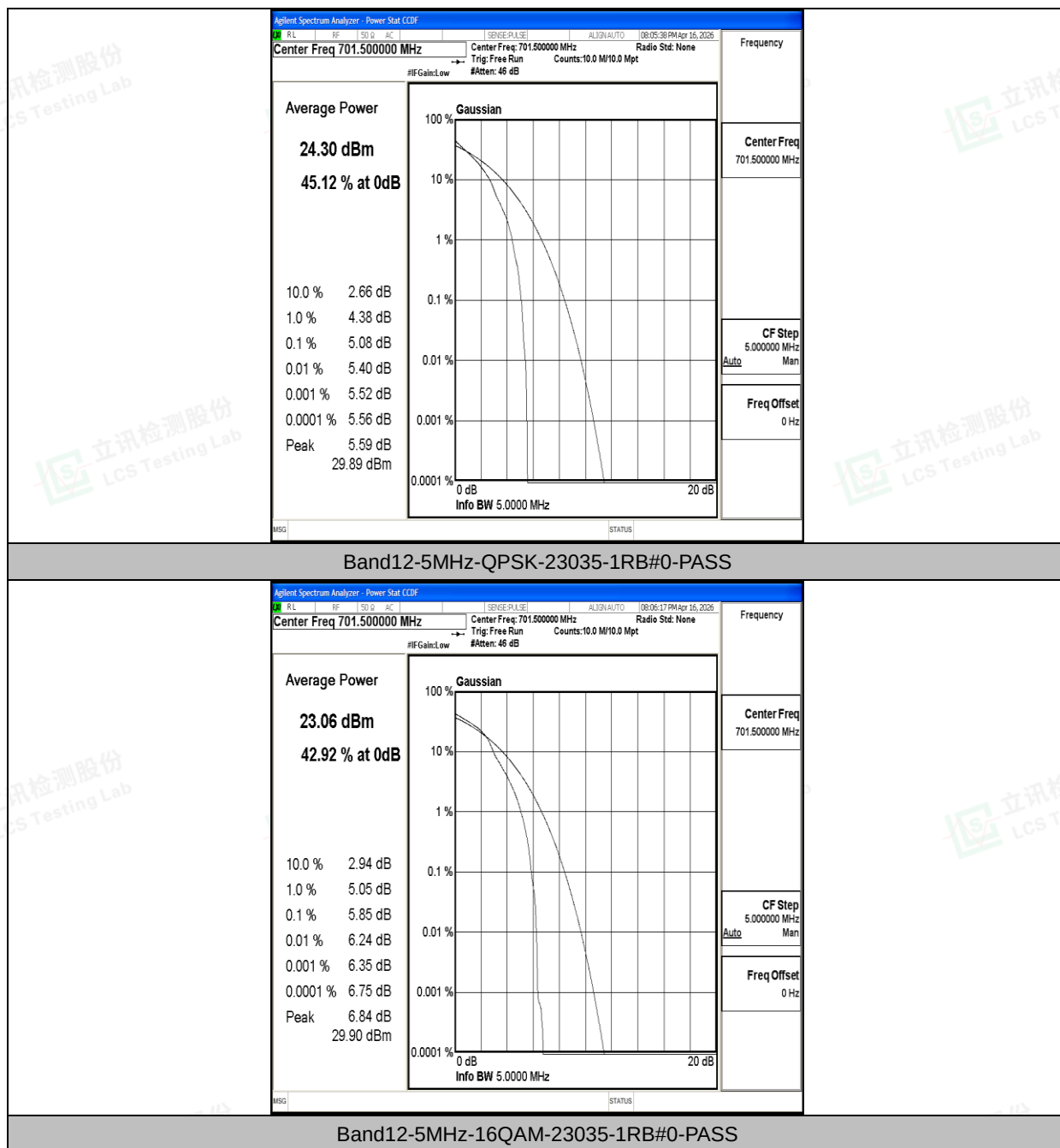


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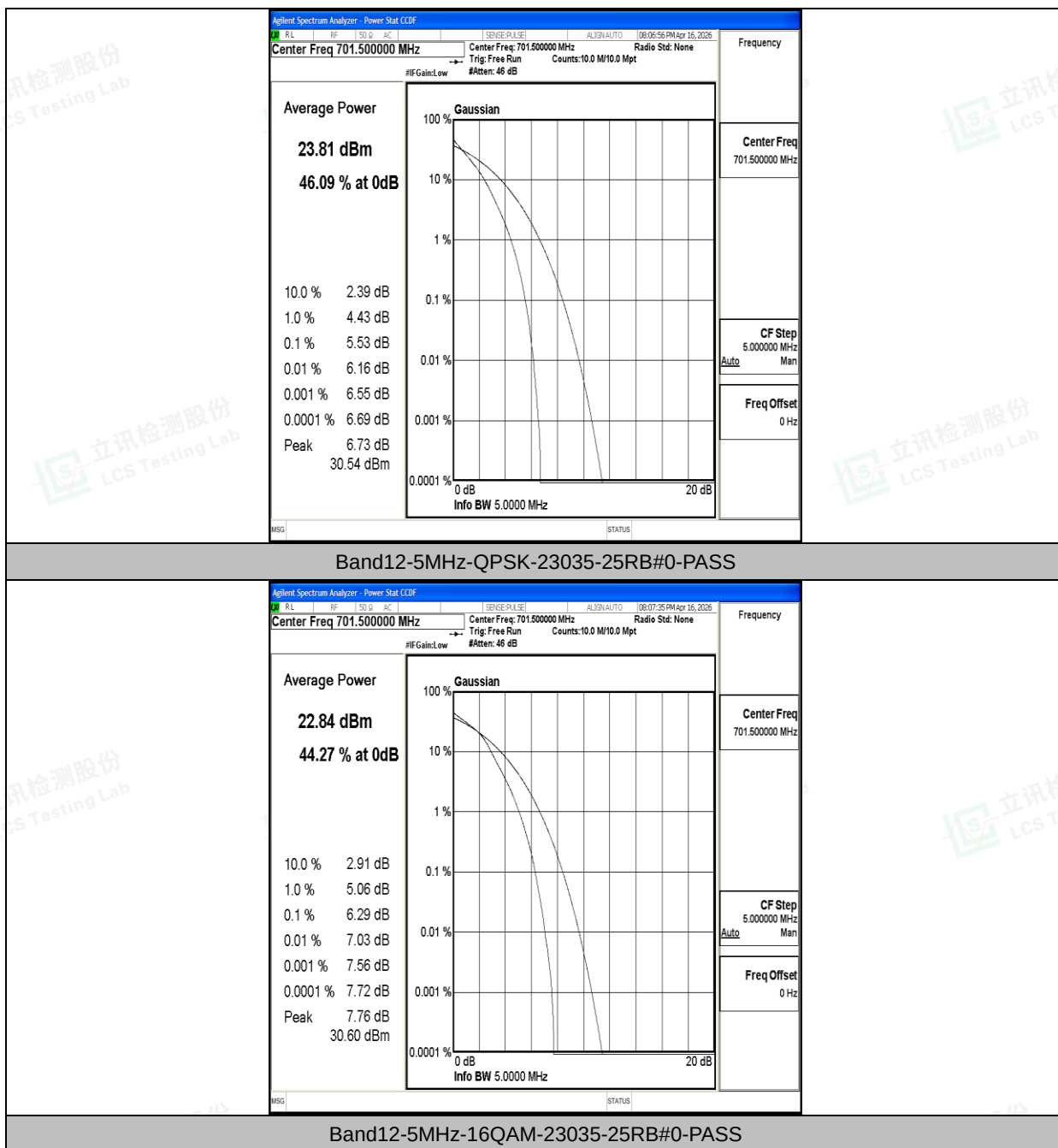


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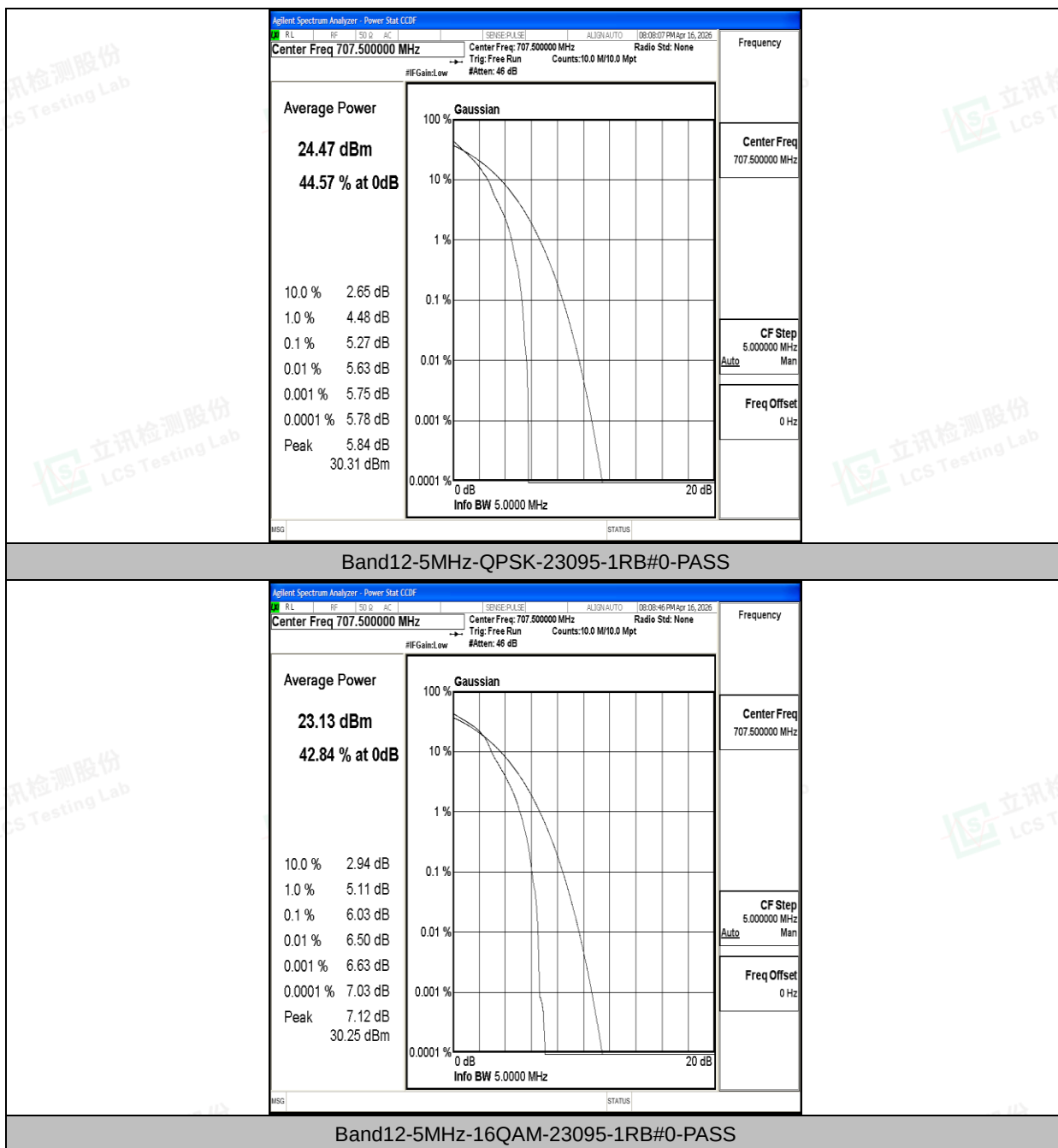


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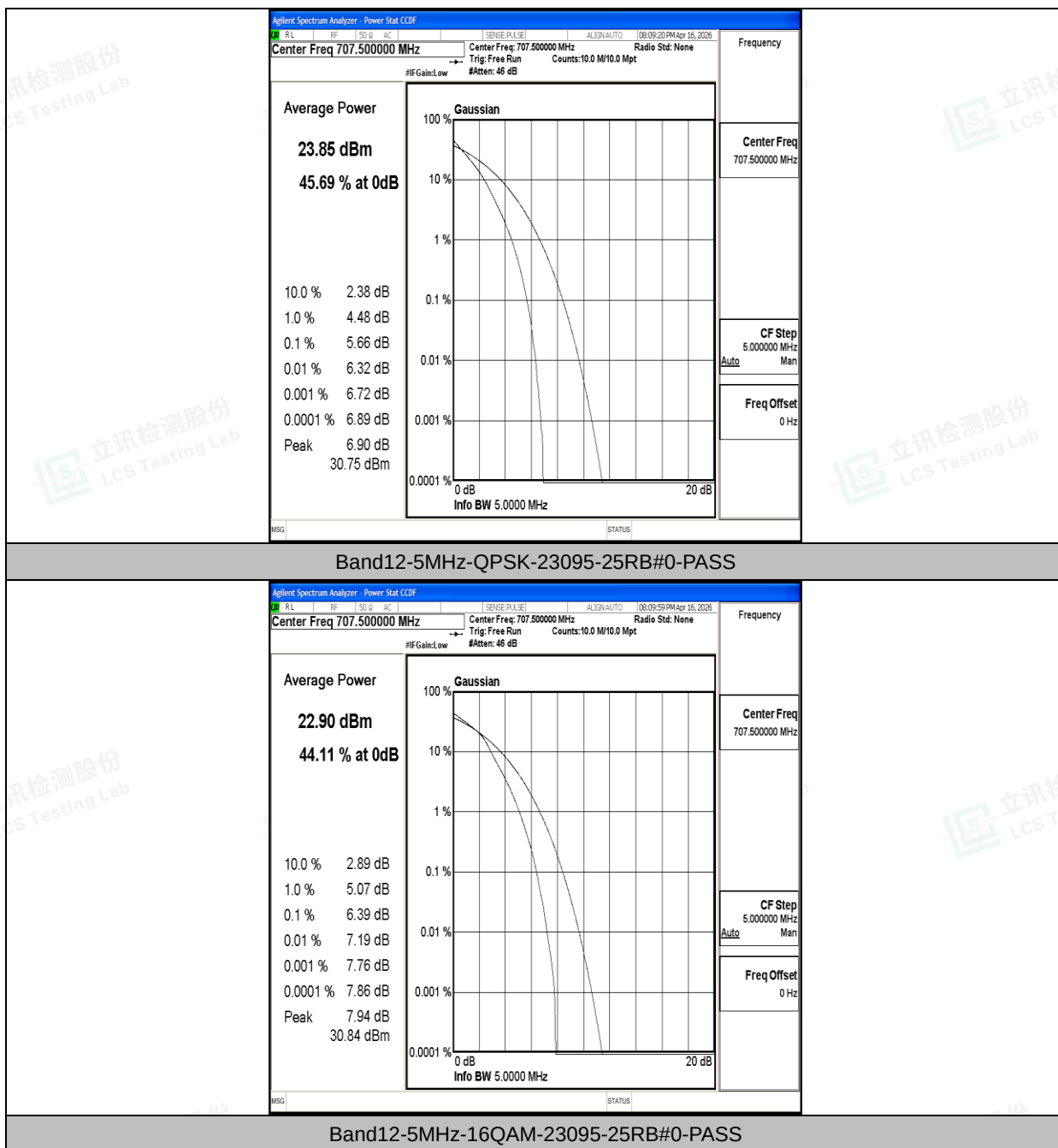


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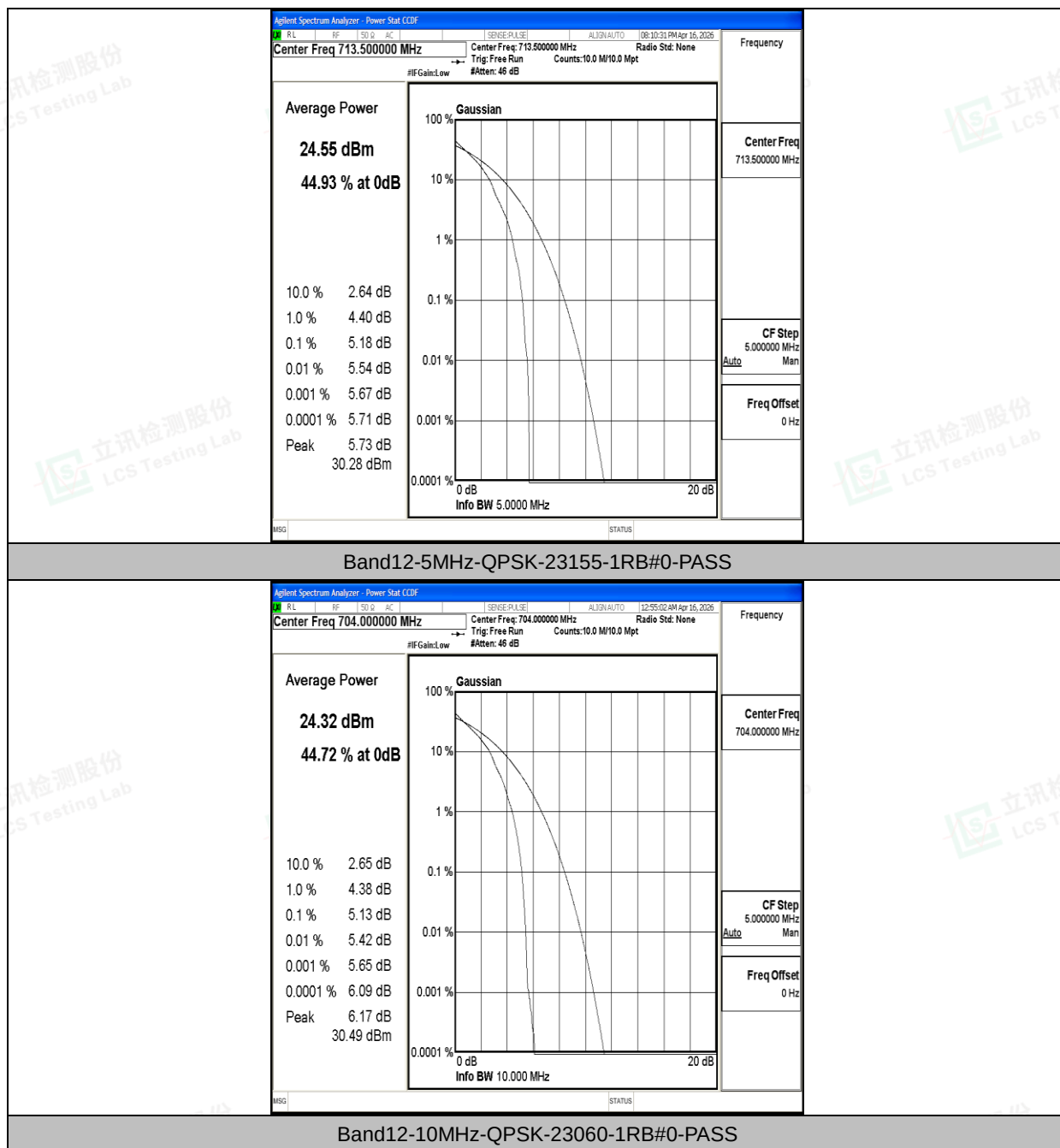


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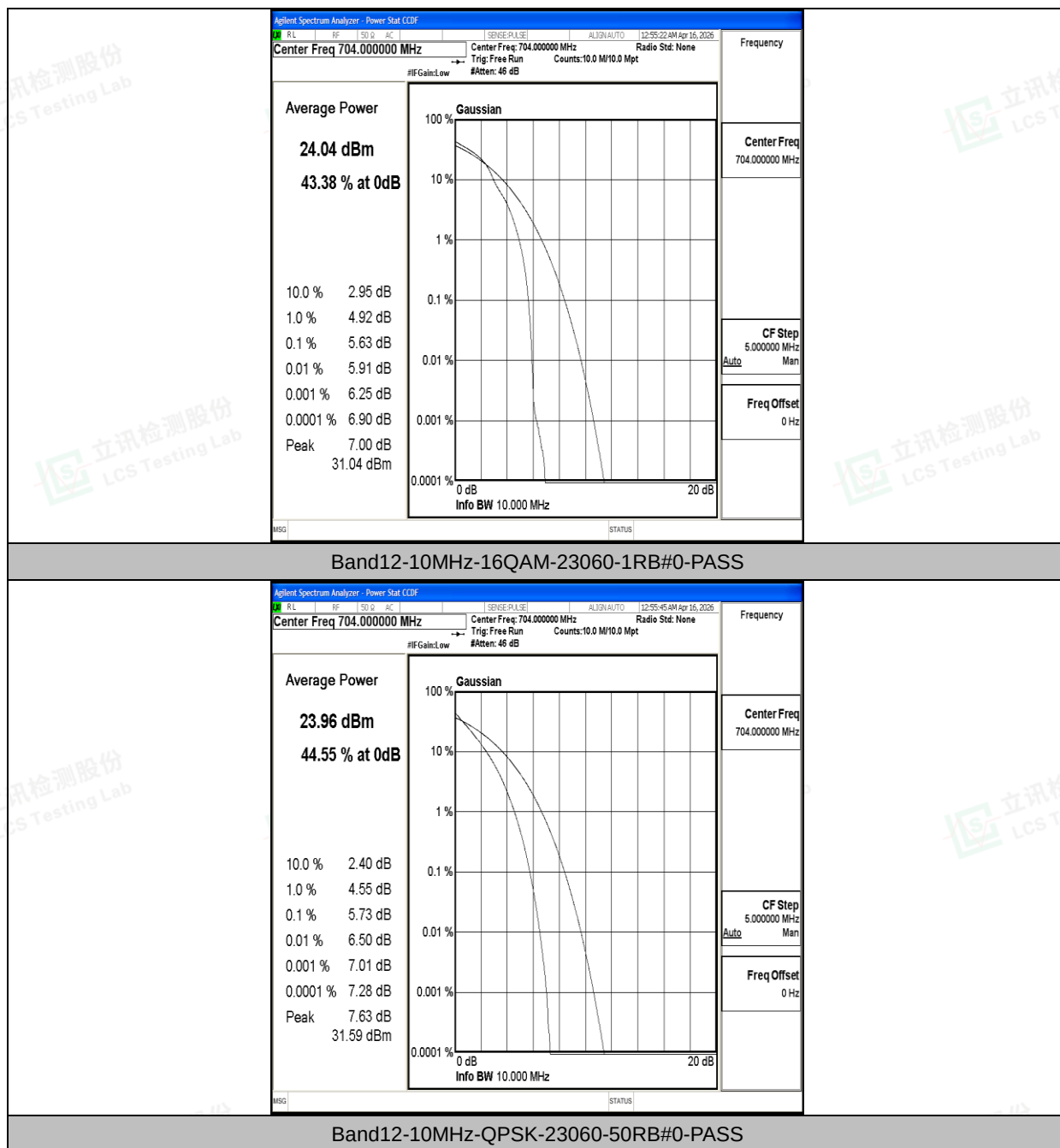


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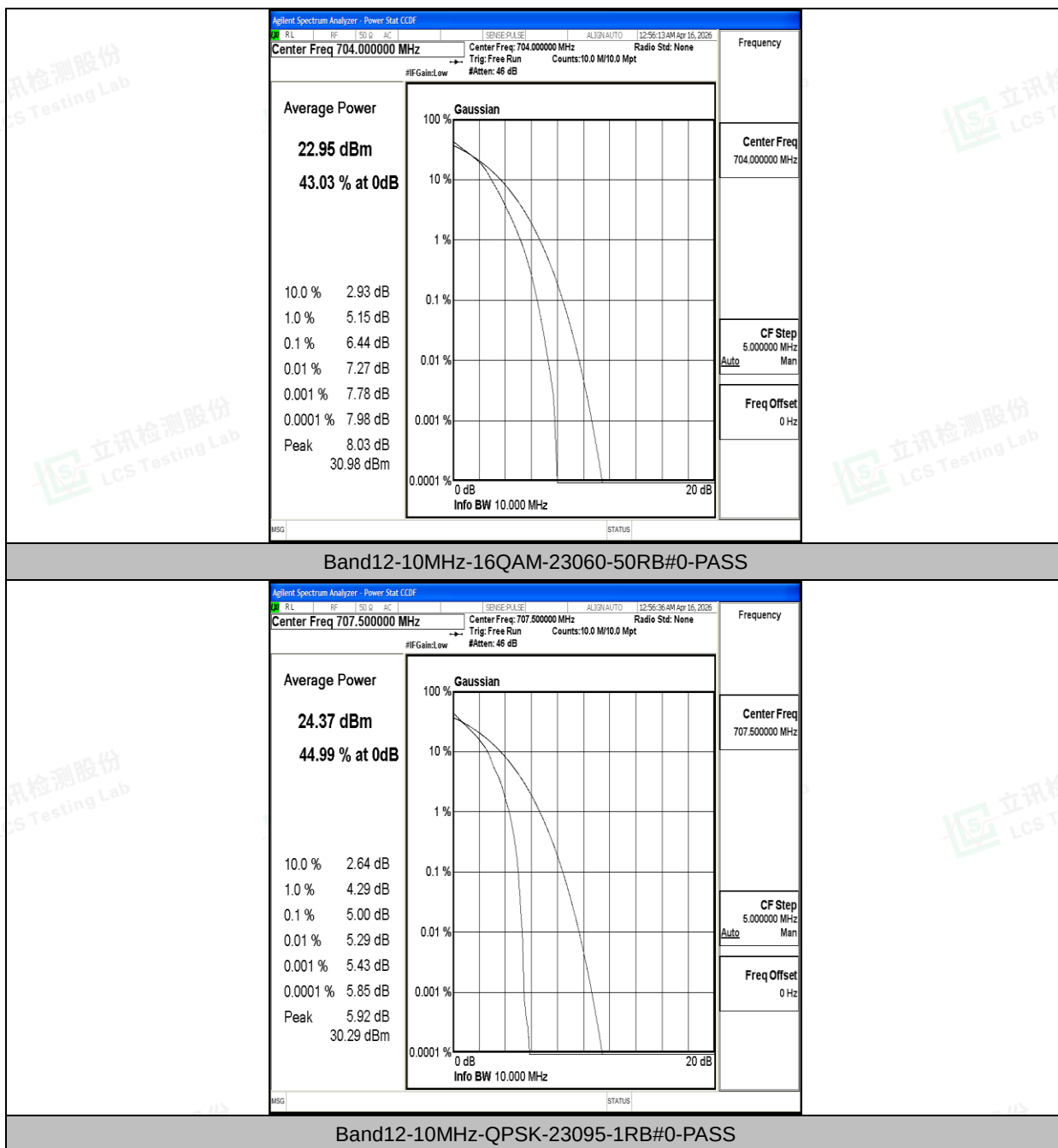


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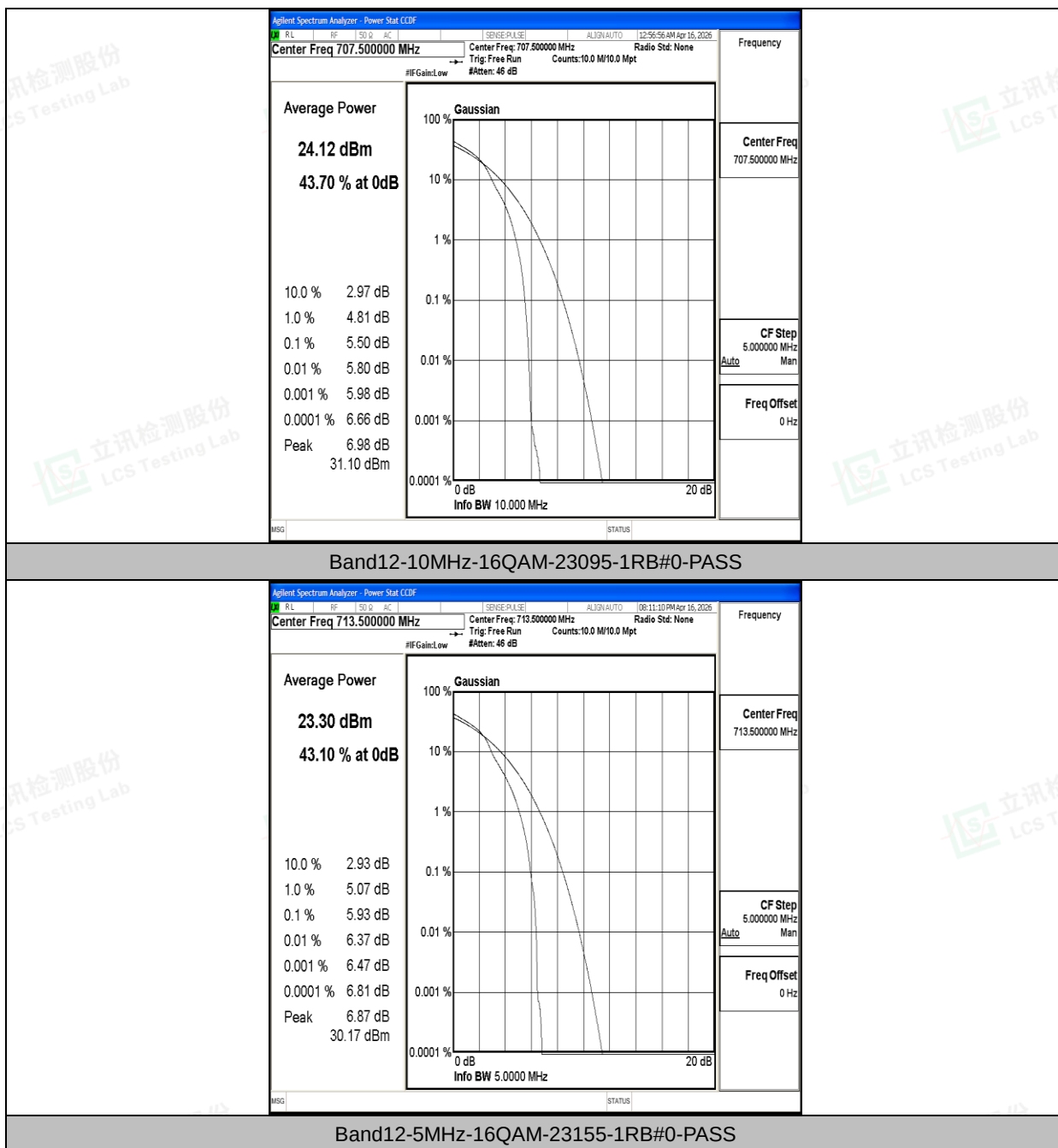


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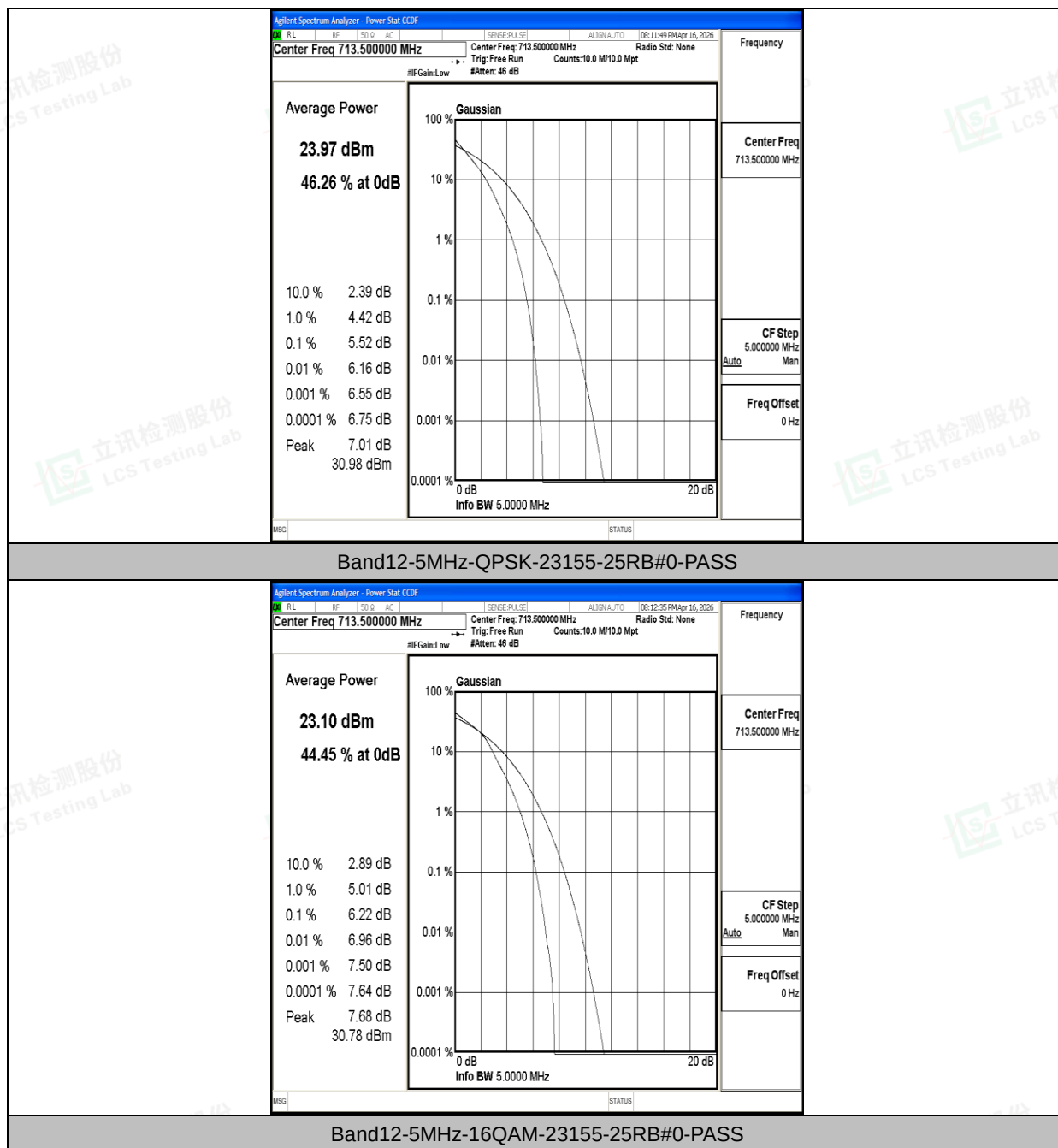


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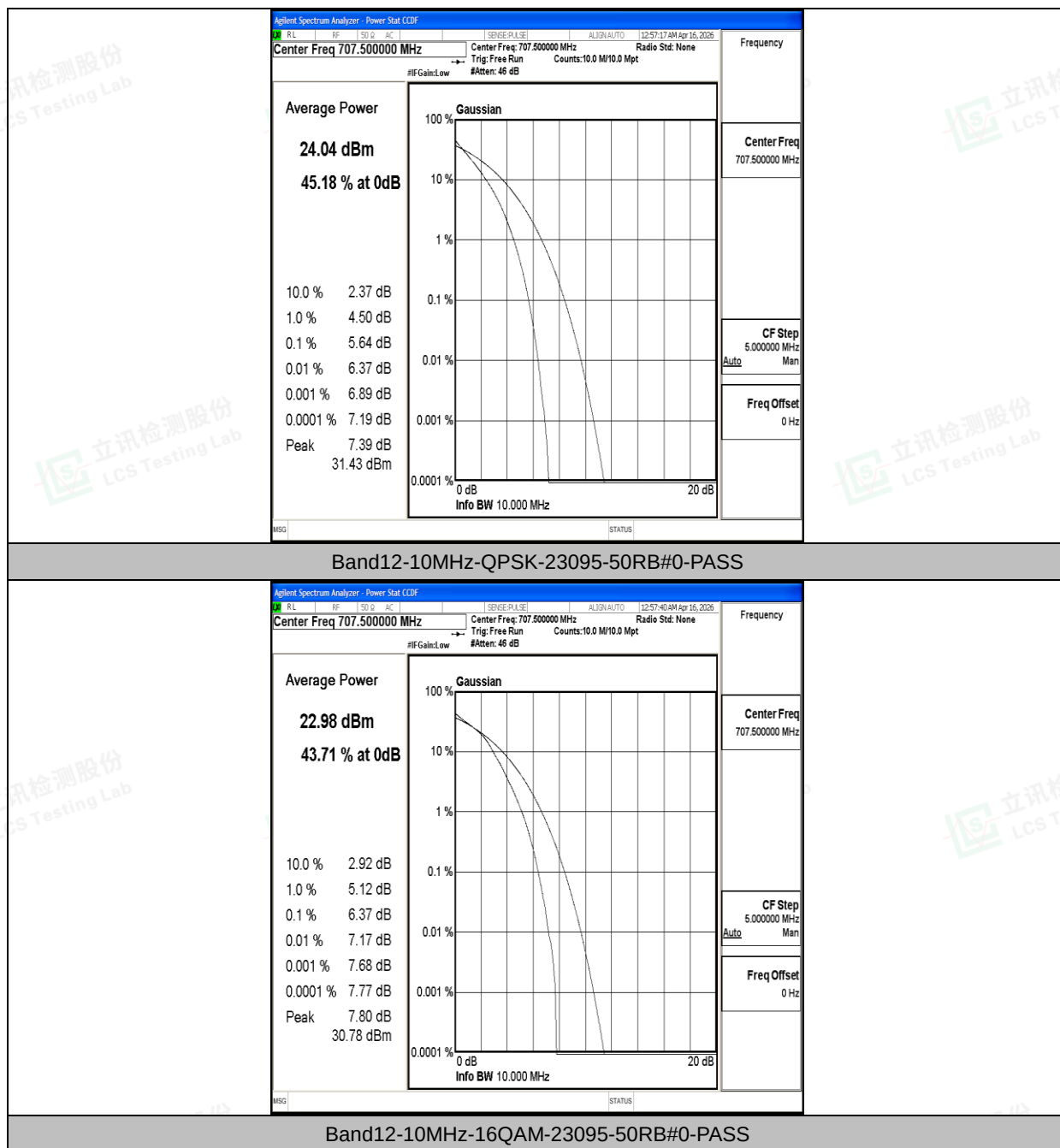


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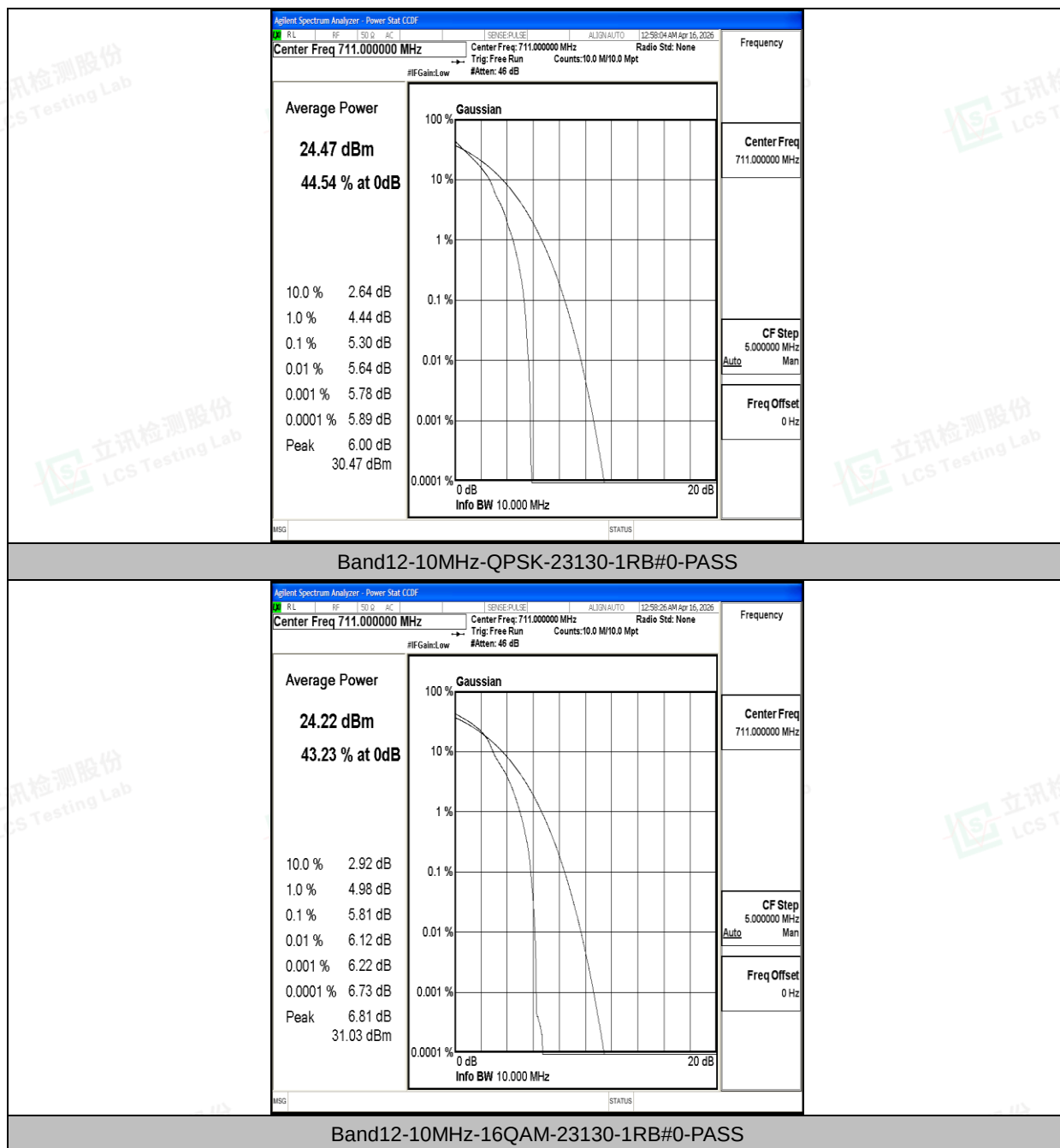


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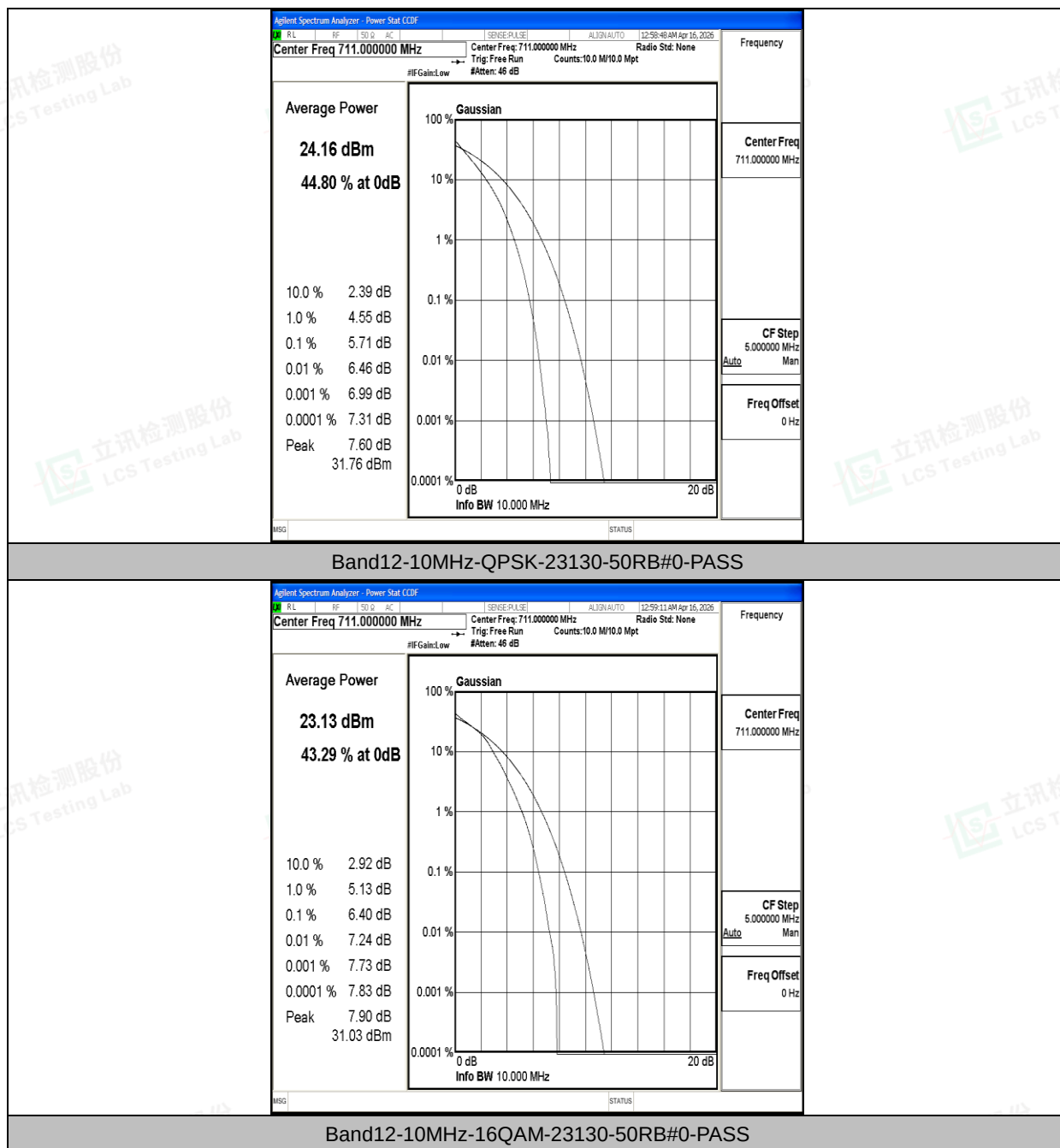


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F.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0924	1.243	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.1038	1.248	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0887	1.234	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1021	1.247	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0941	1.232	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.1005	1.247	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7517	3.096	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.7405	3.101	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7498	3.091	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.7328	3.072	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7525	3.094	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7358	3.088	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5054	4.968	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5067	4.953	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4995	4.974	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5066	4.943	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5058	4.976	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4988	4.962	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9811	9.837	PASS
Band12	10MHz	16QAM	23060	50RB#0	9.0026	9.936	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9866	9.906	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9812	9.921	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9900	9.883	PASS
Band12	10MHz	16QAM	23130	50RB#0	9.0028	9.947	PASS



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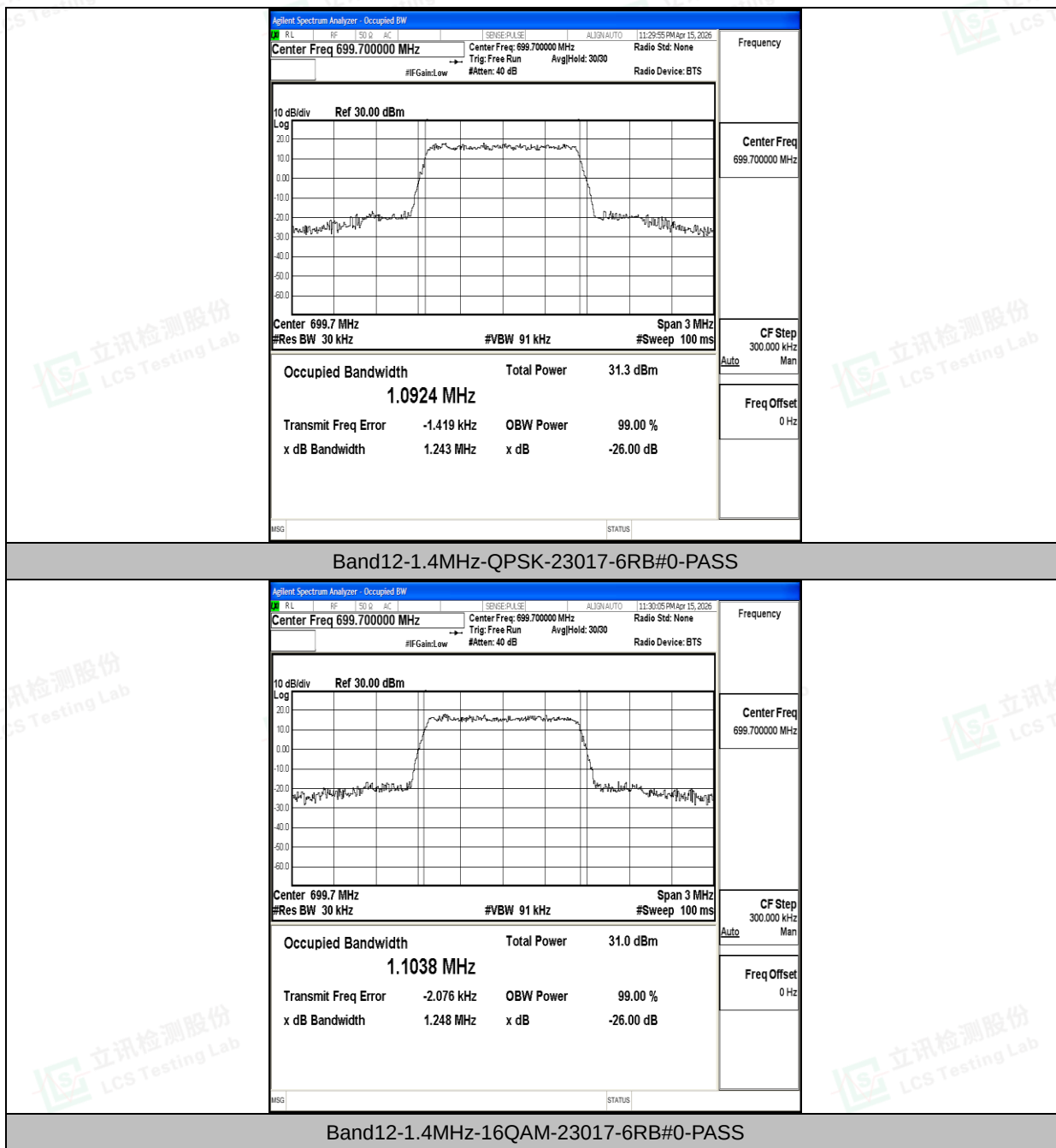
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Test Graphs

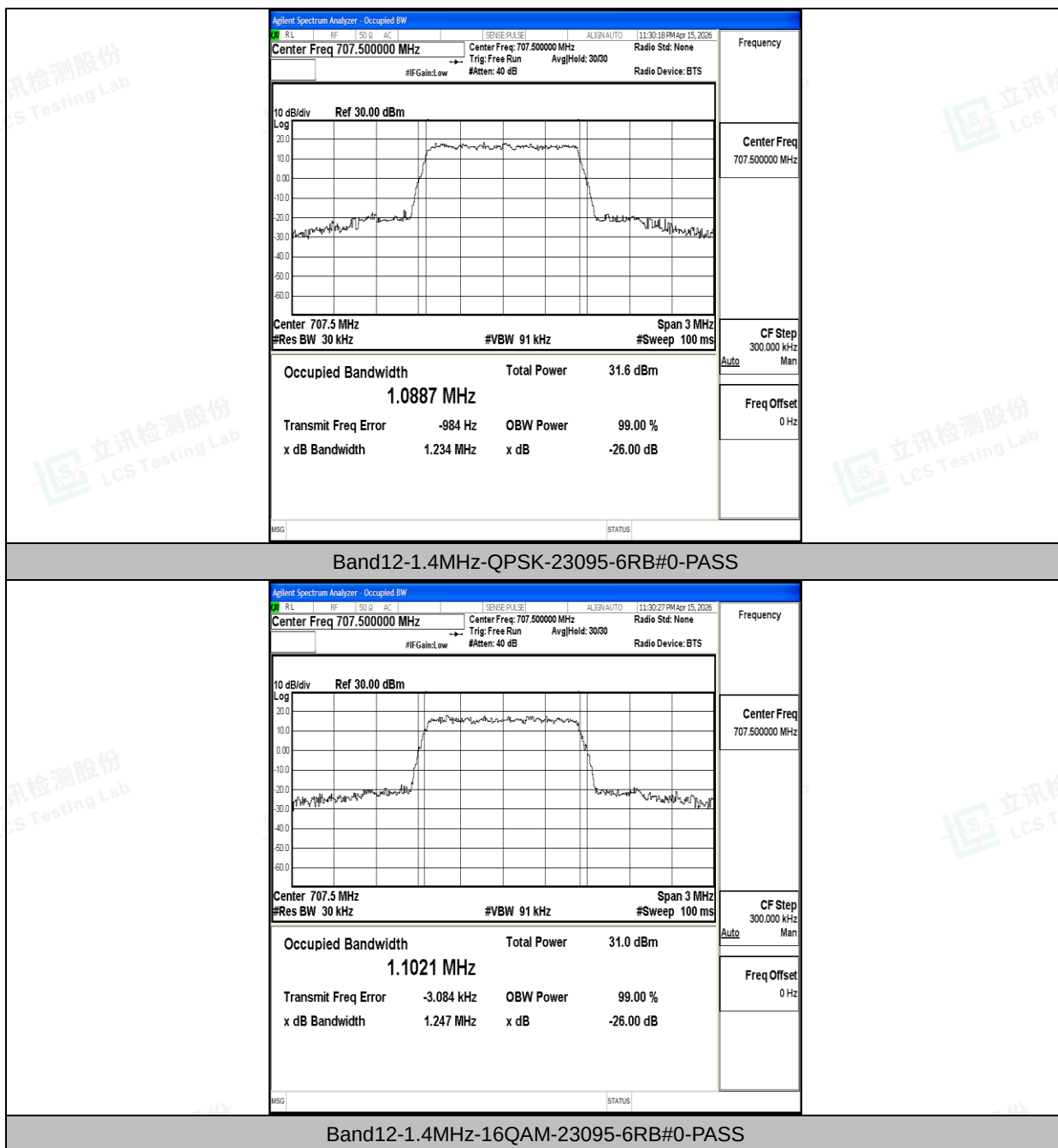


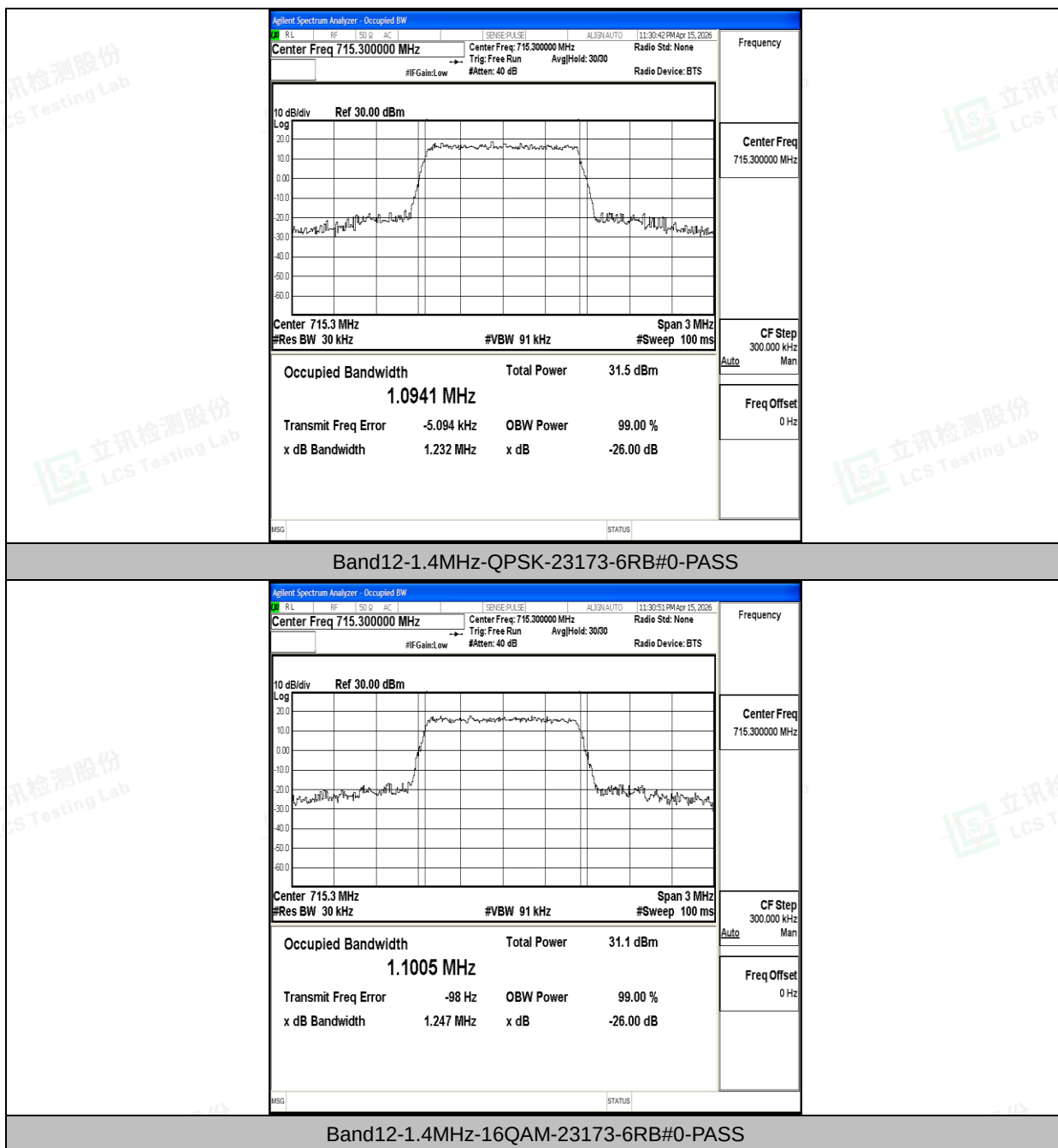
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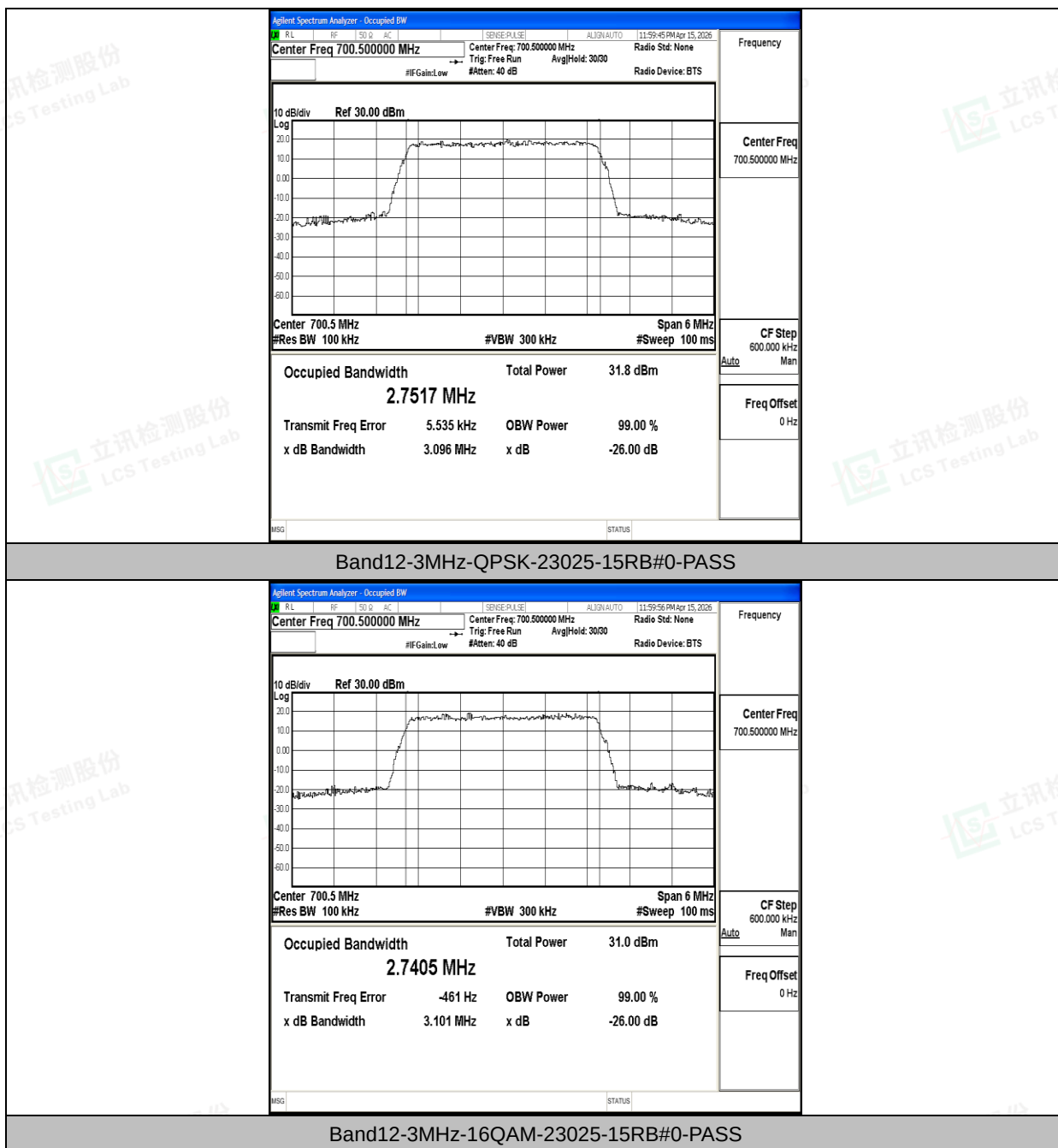
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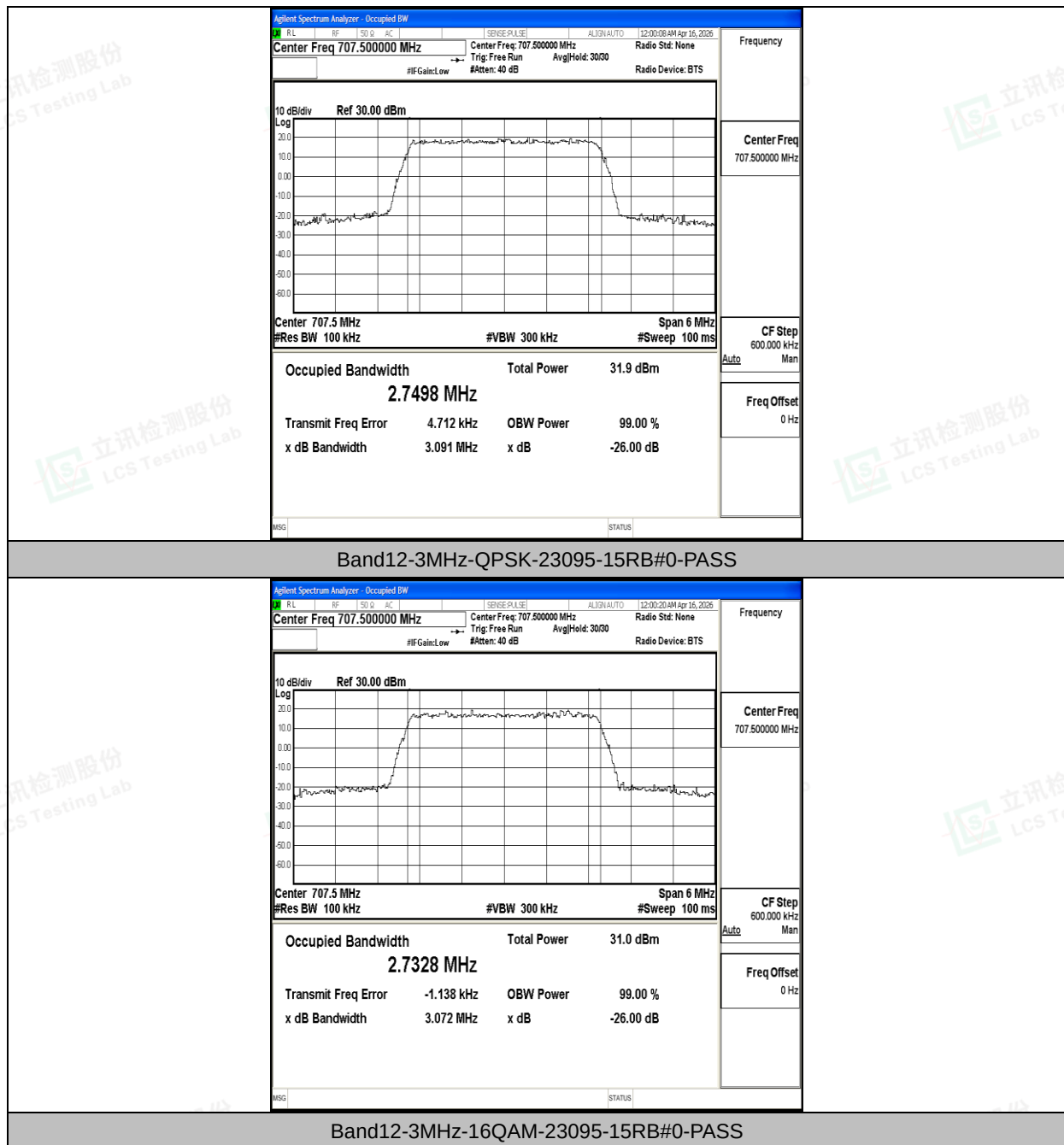
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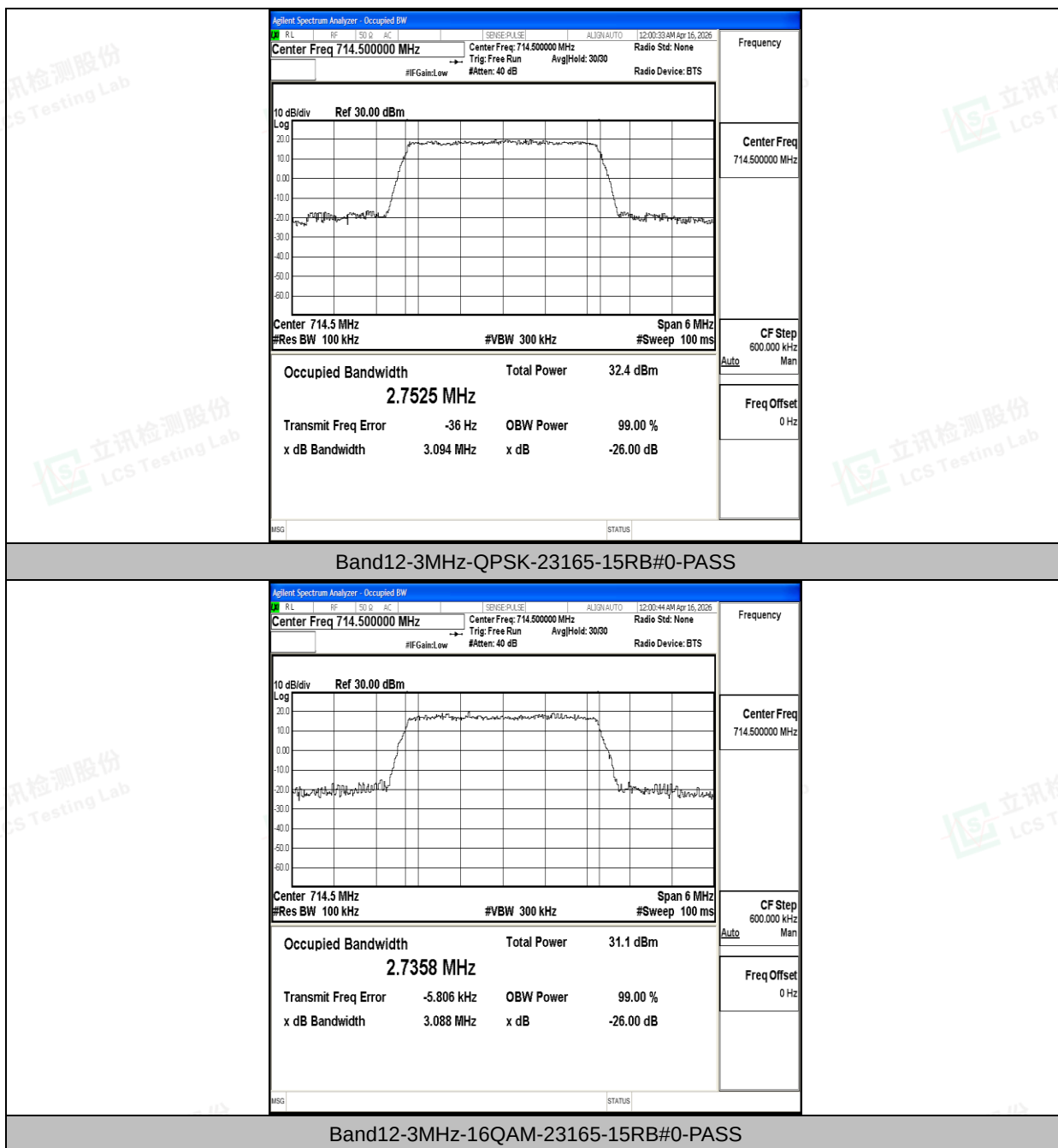
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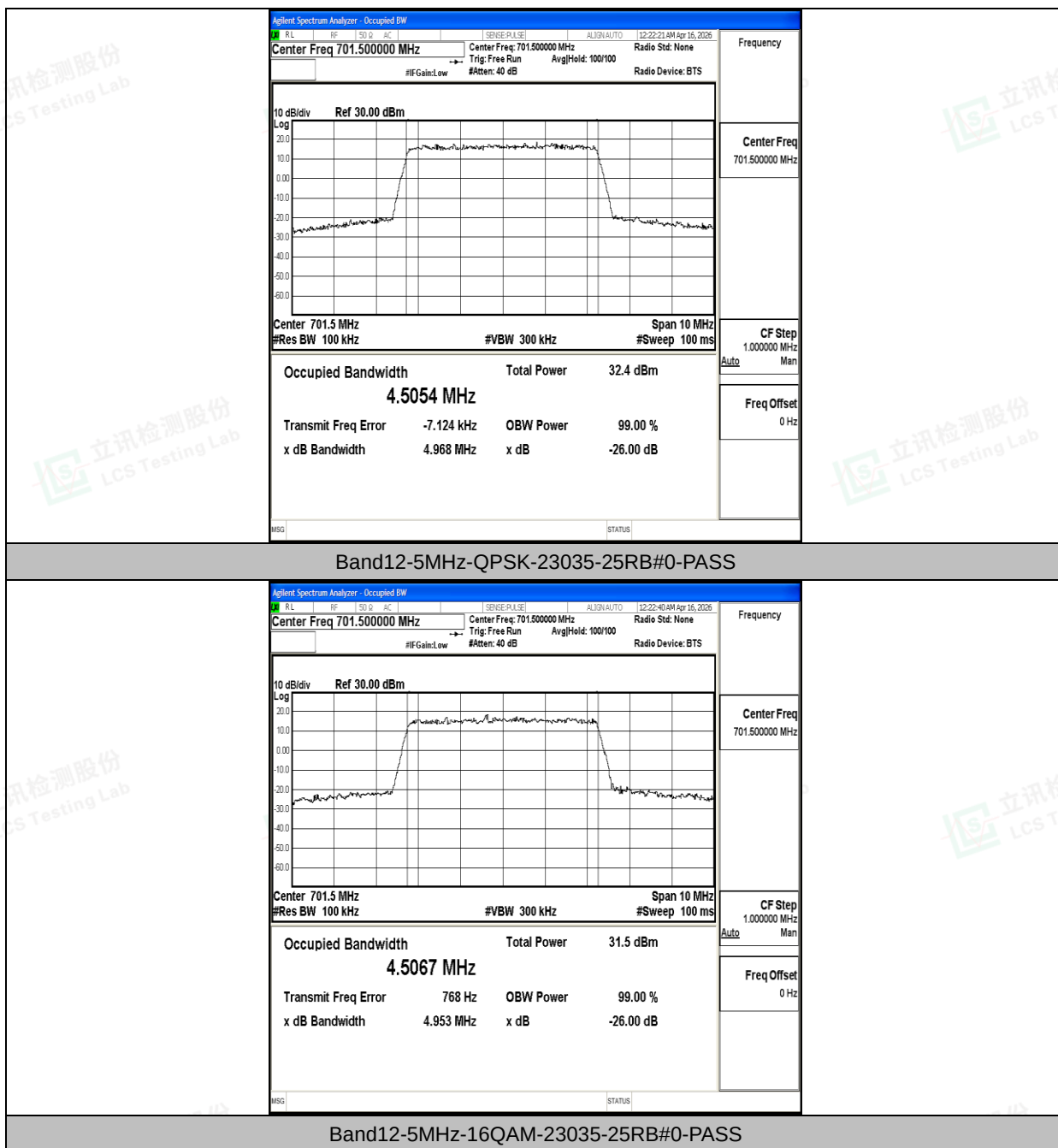










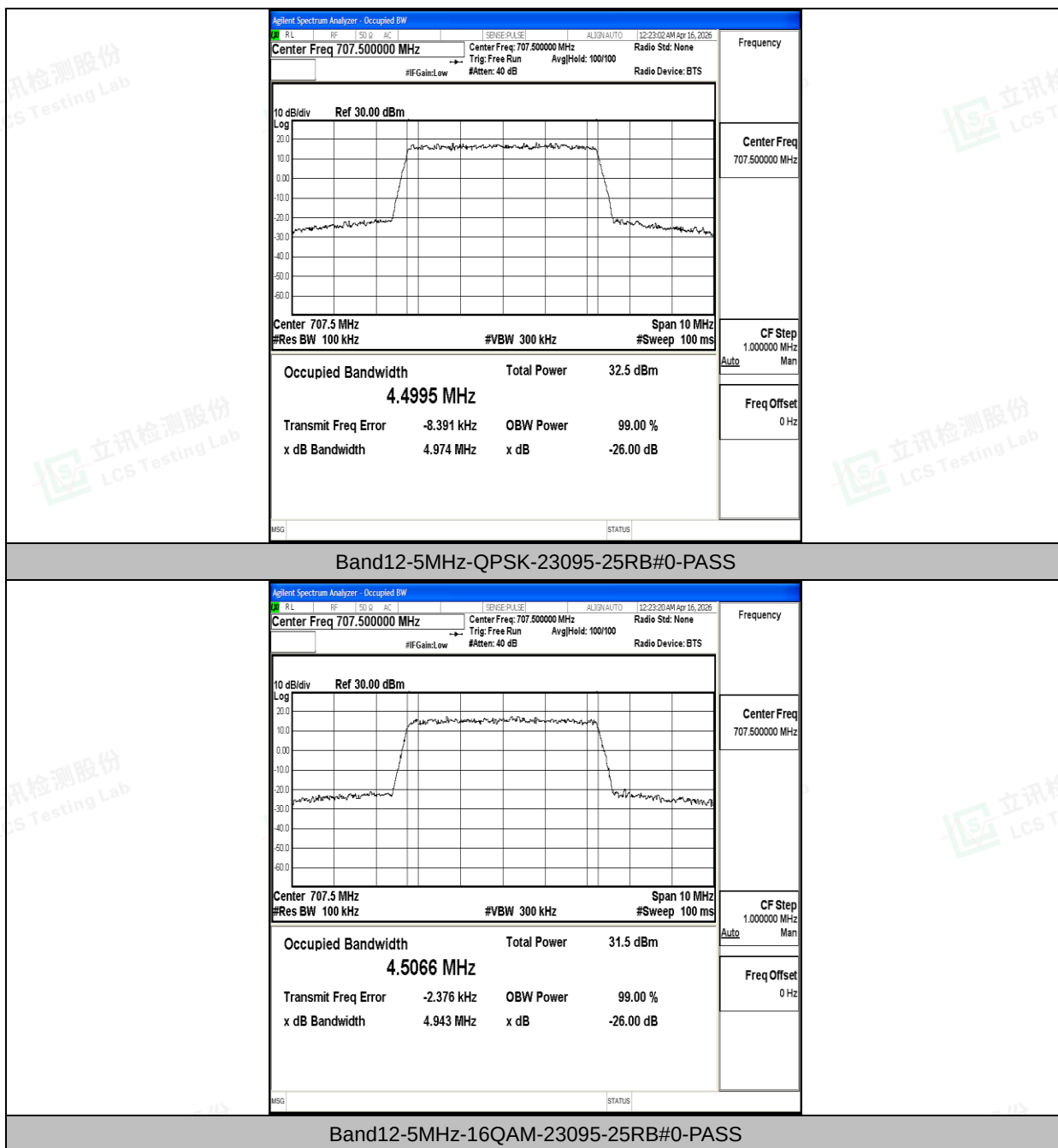


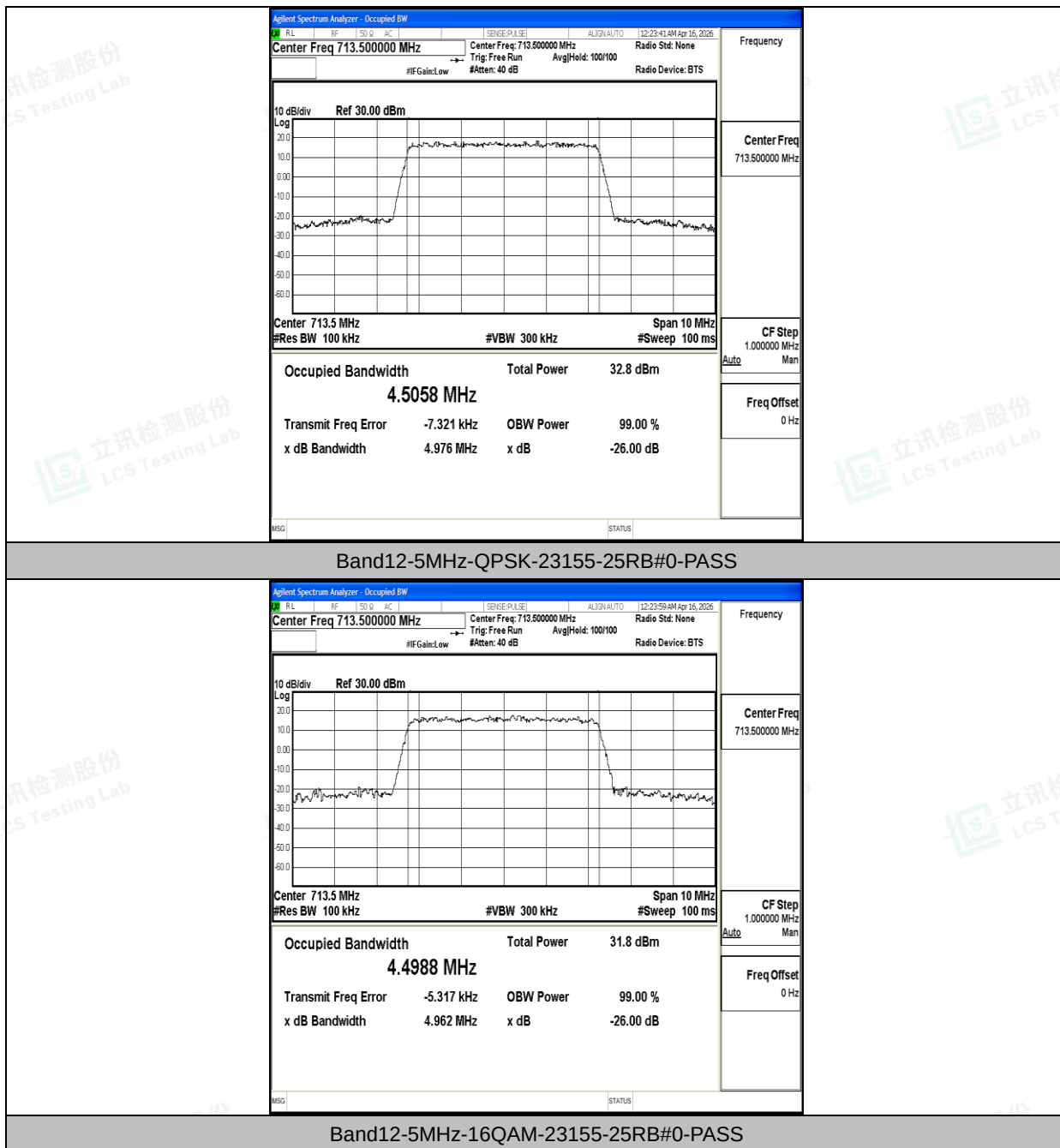
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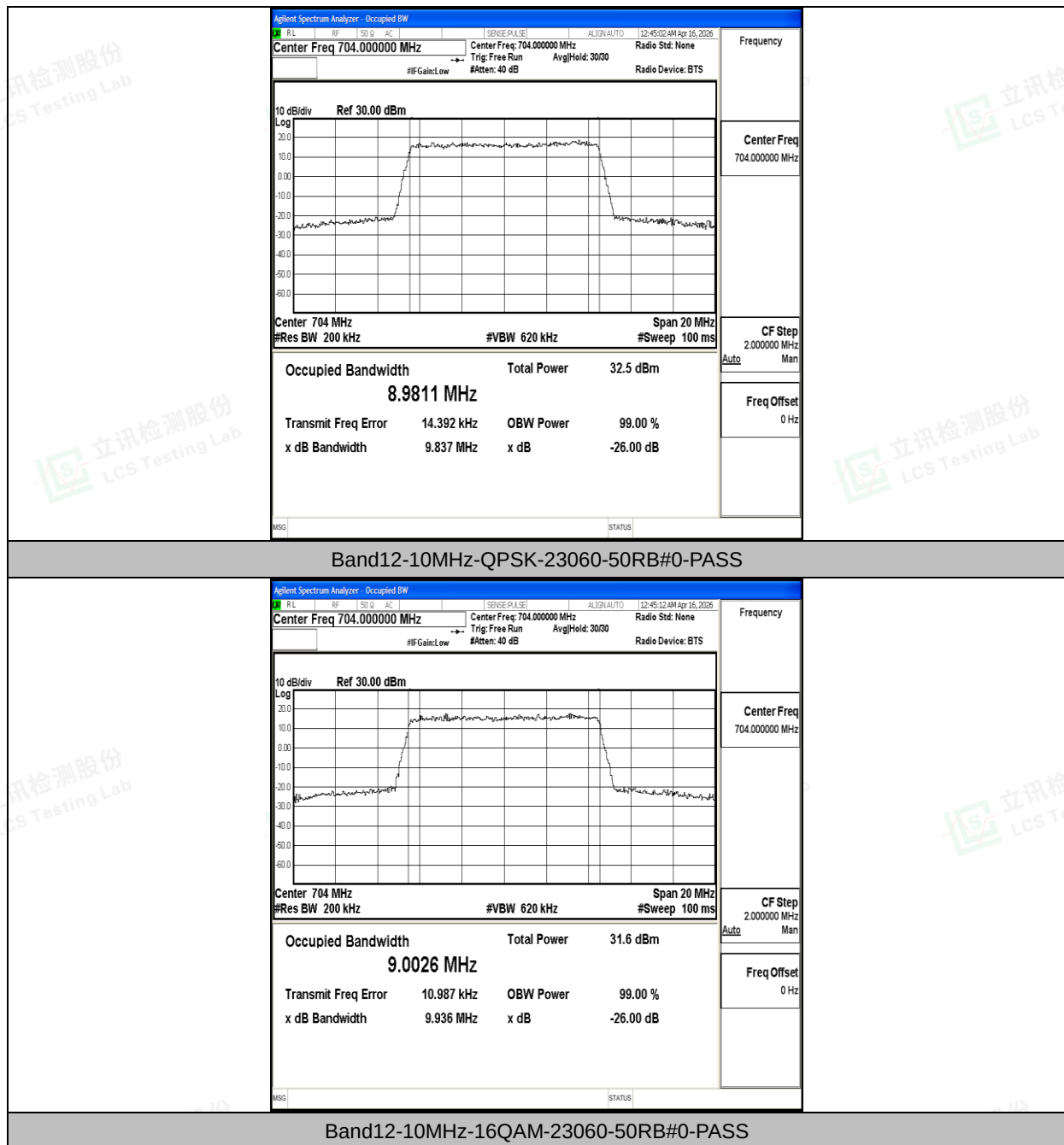


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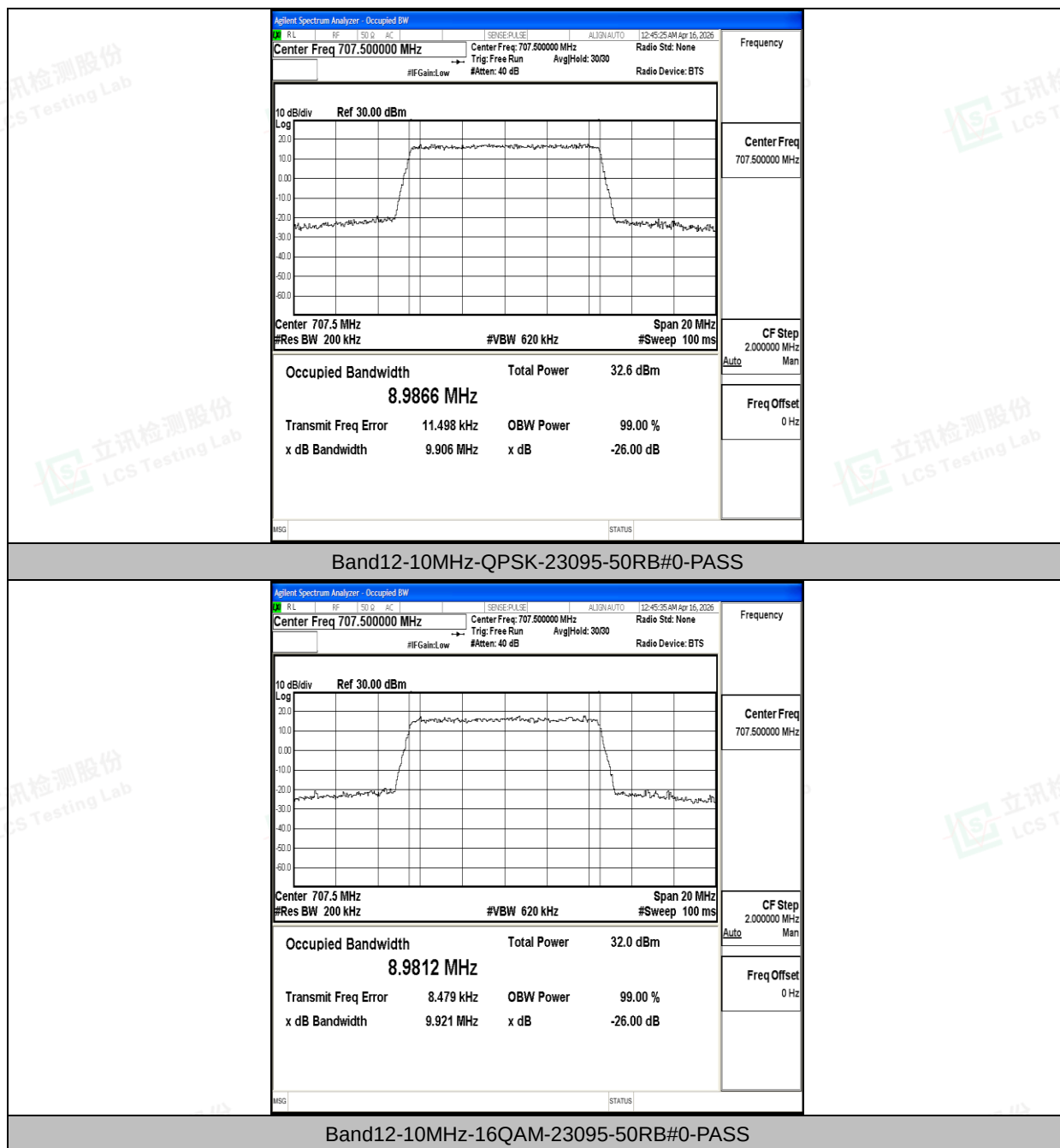


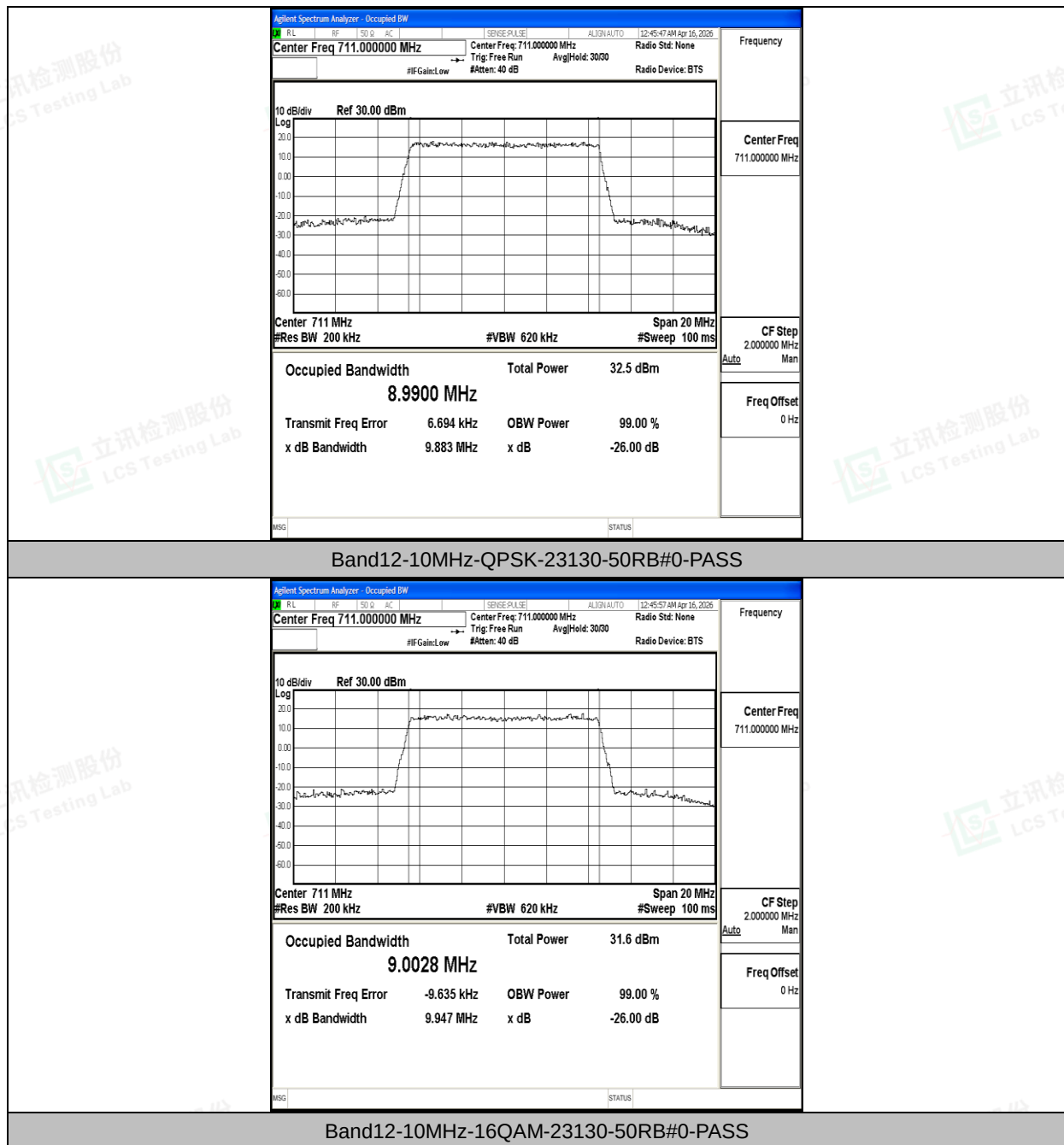
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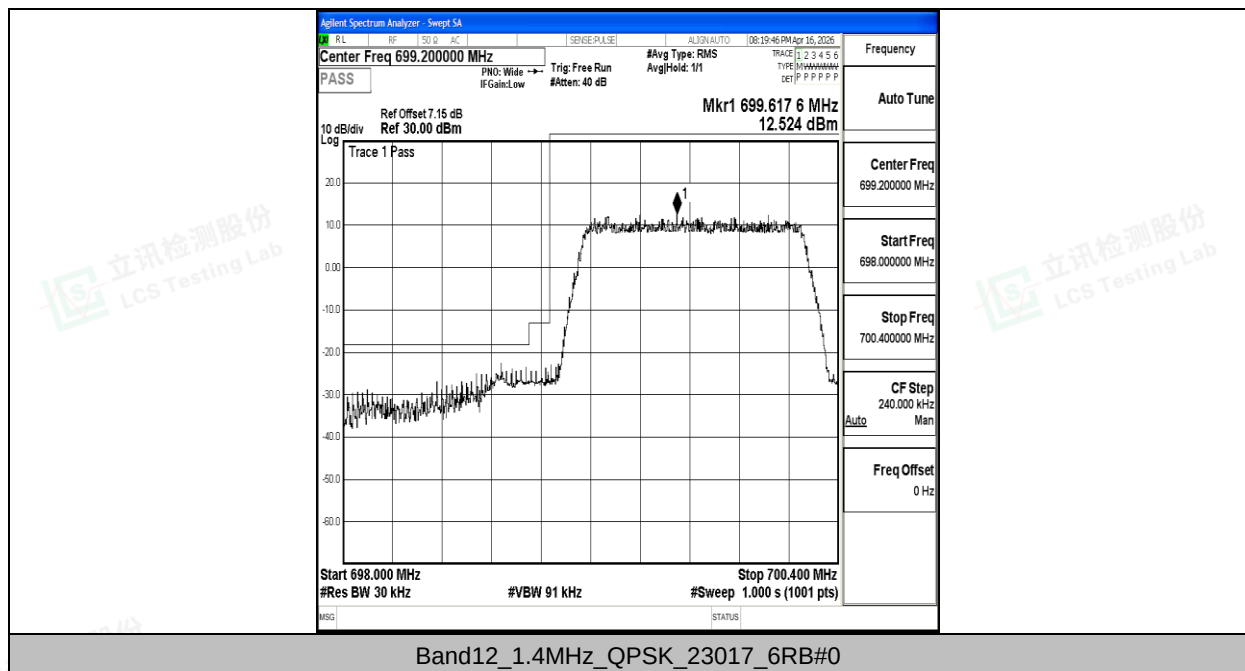


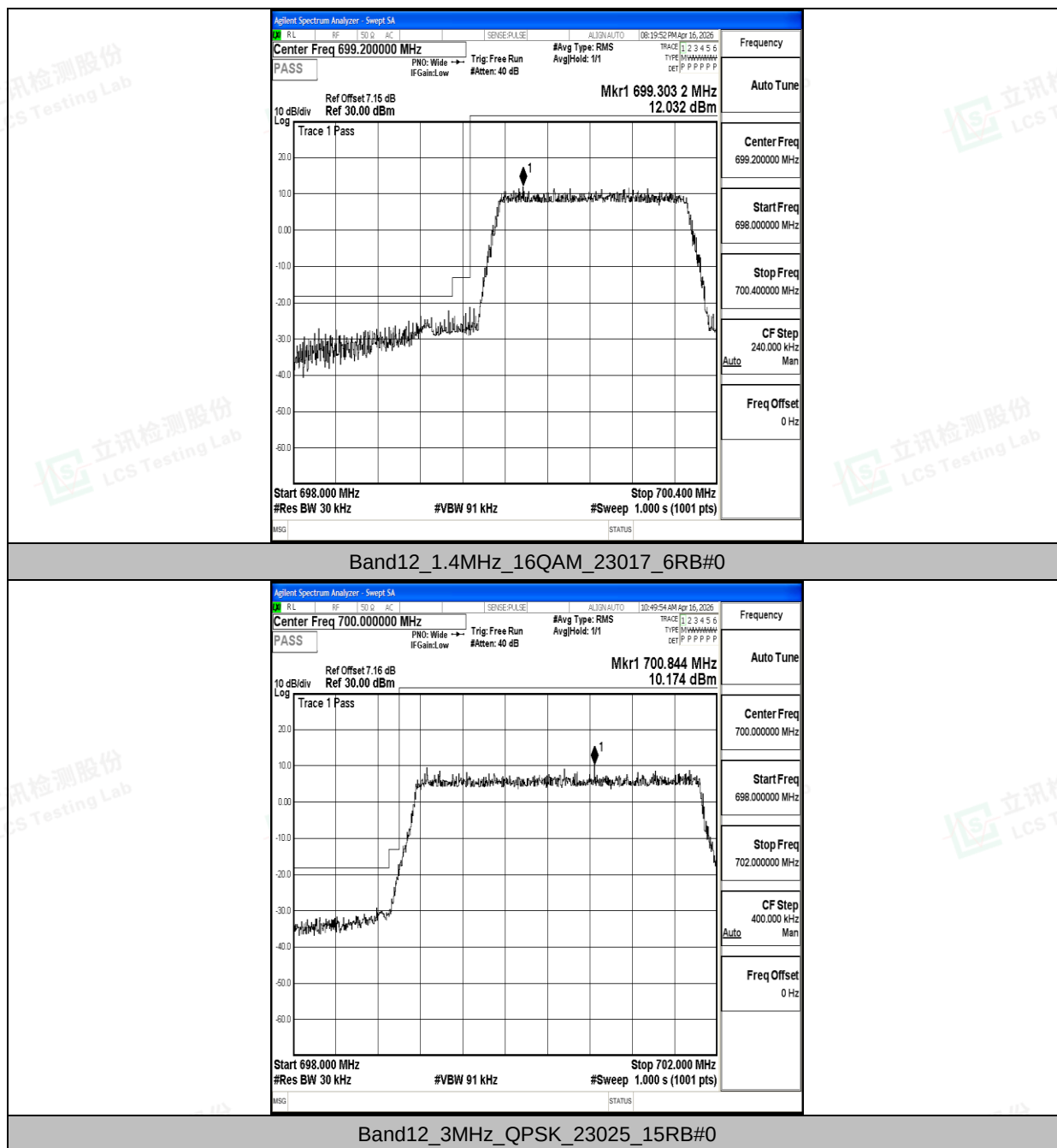
F.4 Band Edge

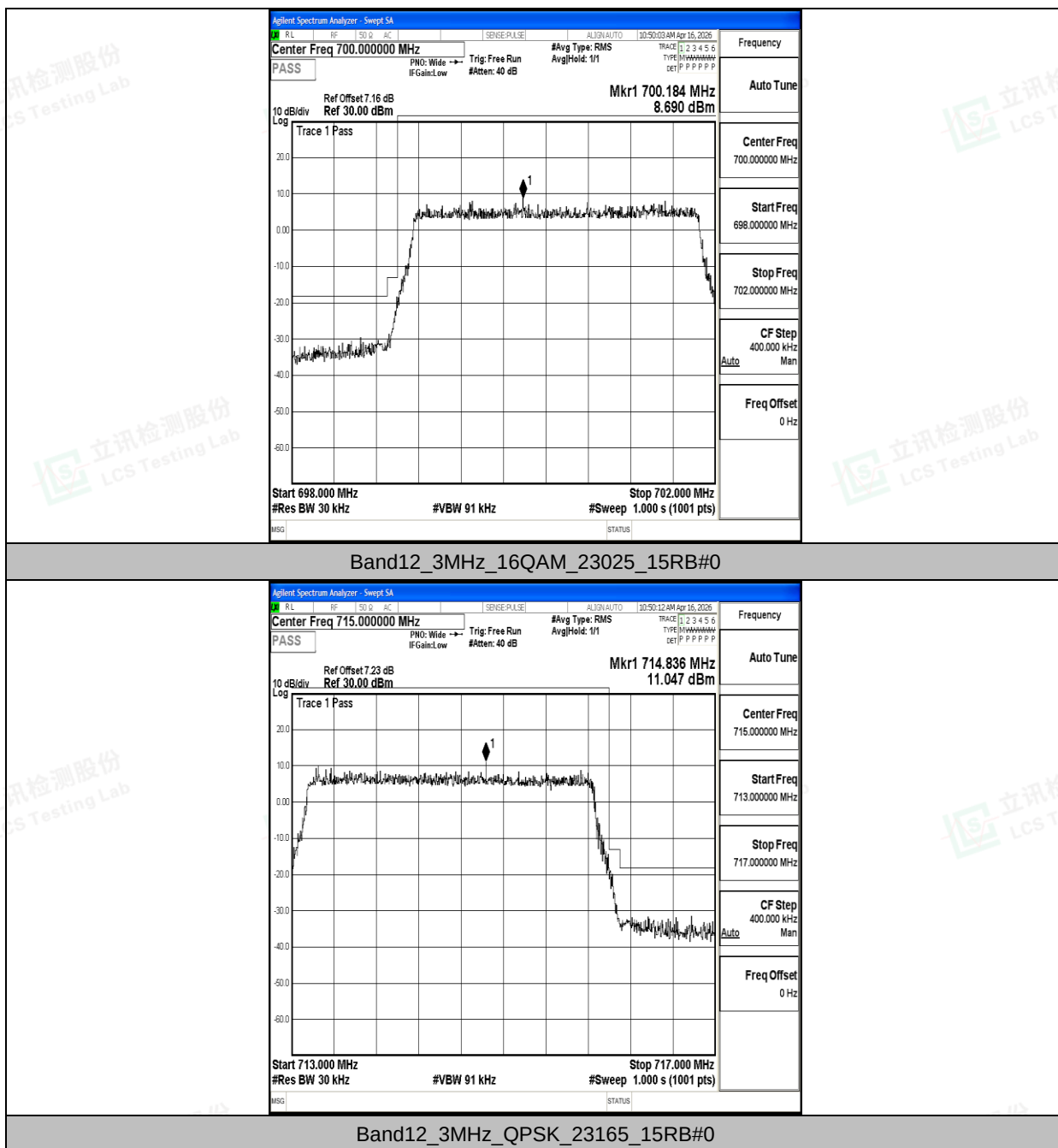
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	698.77	-22.61	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	698.88	-22.10	PASS
Band12	3MHz	QPSK	23025	15RB#0	699.00	-17.30	PASS
Band12	3MHz	16QAM	23025	15RB#0	699.00	-18.35	PASS
Band12	3MHz	QPSK	23165	15RB#0	716.01	-18.87	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	716.13	-23.36	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	716.26	-23.72	PASS
Band12	5MHz	QPSK	23035	25RB#0	698.63	-24.85	PASS
Band12	5MHz	16QAM	23035	25RB#0	698.70	-26.02	PASS
Band12	5MHz	QPSK	23155	25RB#0	716.63	-26.66	PASS
Band12	5MHz	16QAM	23155	25RB#0	716.34	-25.88	PASS
Band12	10MHz	QPSK	23060	50RB#0	698.22	-29.16	PASS
Band12	3MHz	16QAM	23165	15RB#0	716.00	-17.57	PASS
Band12	10MHz	16QAM	23060	50RB#0	698.77	-29.31	PASS
Band12	10MHz	QPSK	23130	50RB#0	716.19	-29.43	PASS
Band12	10MHz	16QAM	23130	50RB#0	716.43	-30.21	PASS

Test Graphs





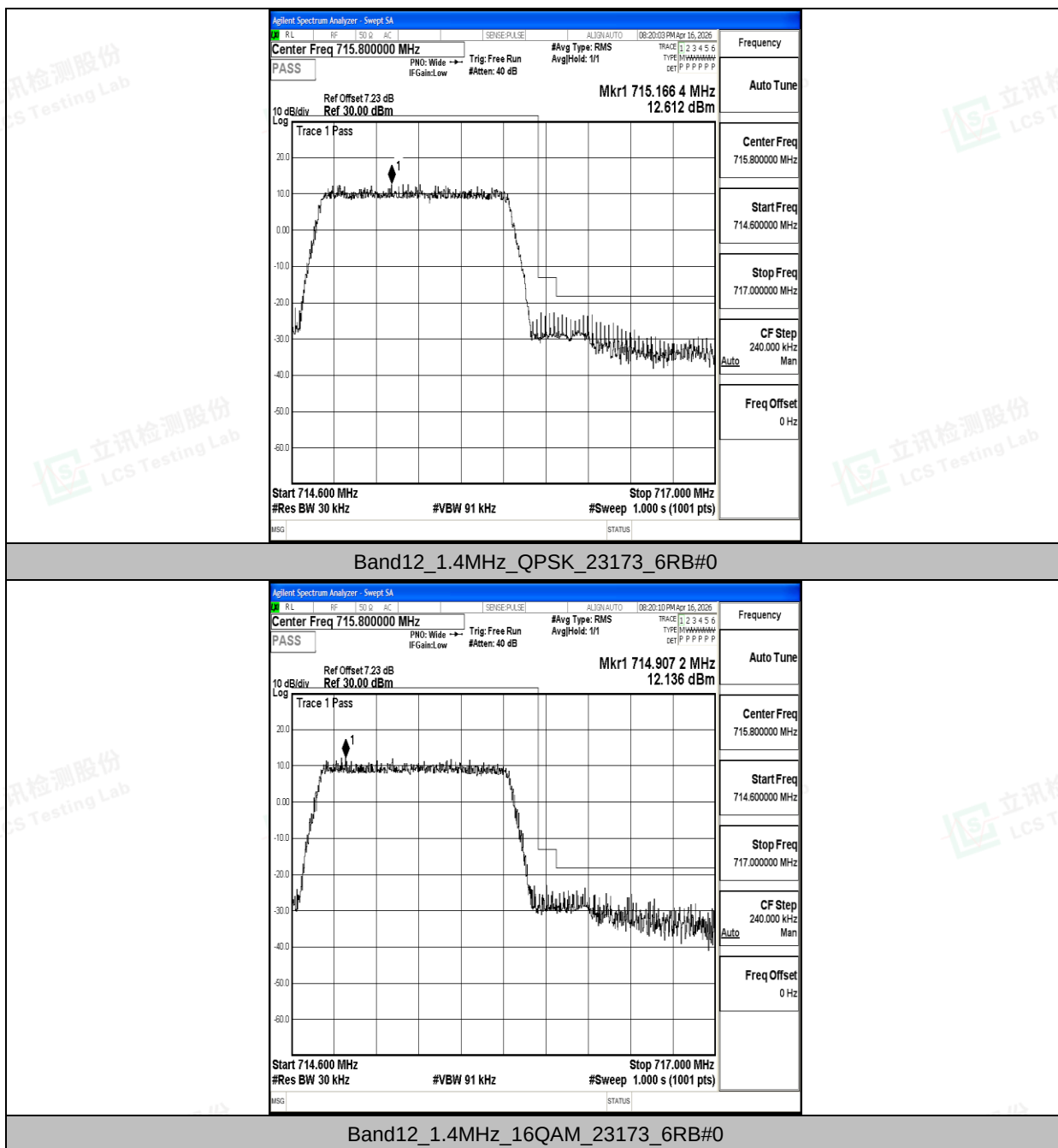


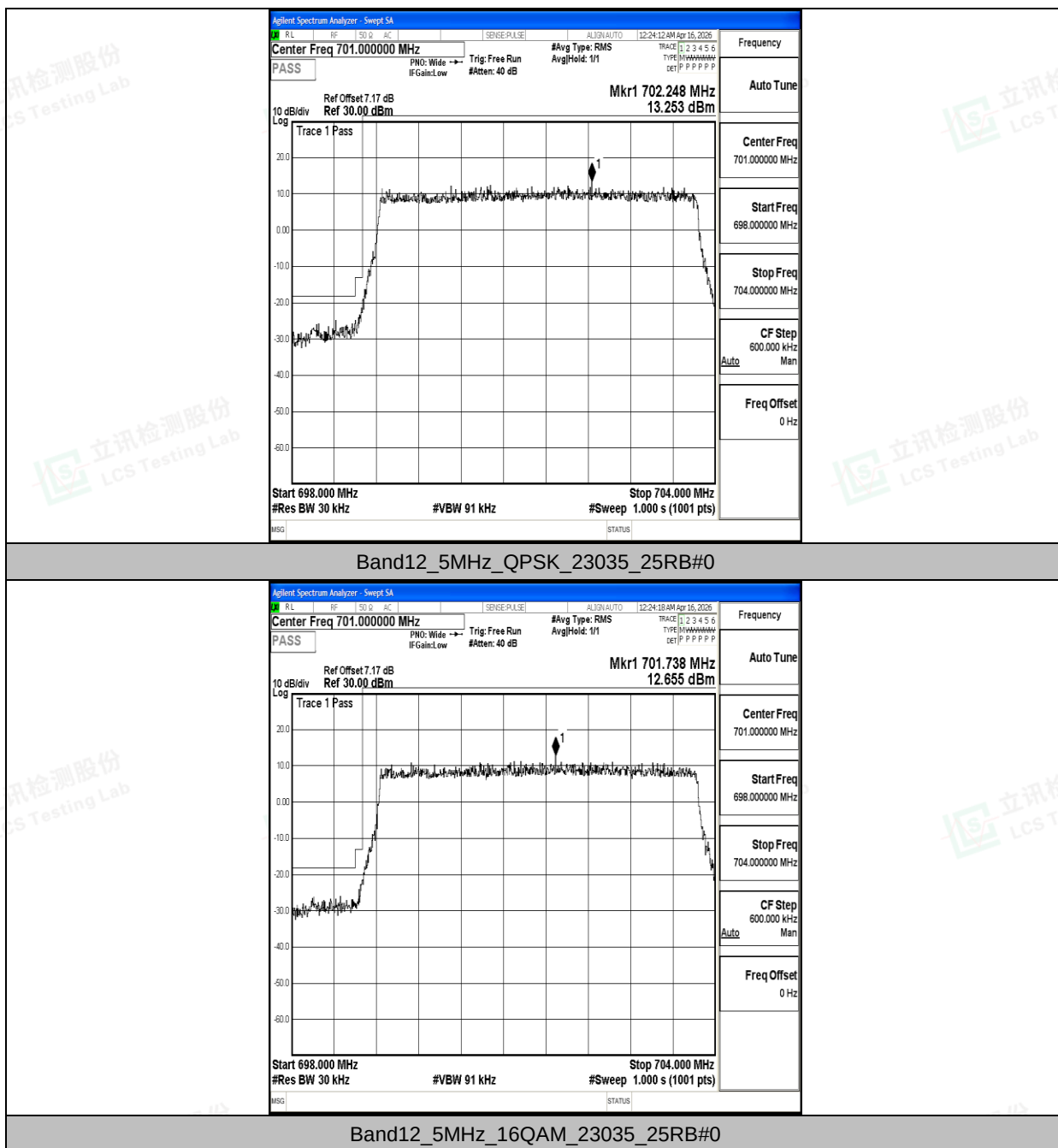
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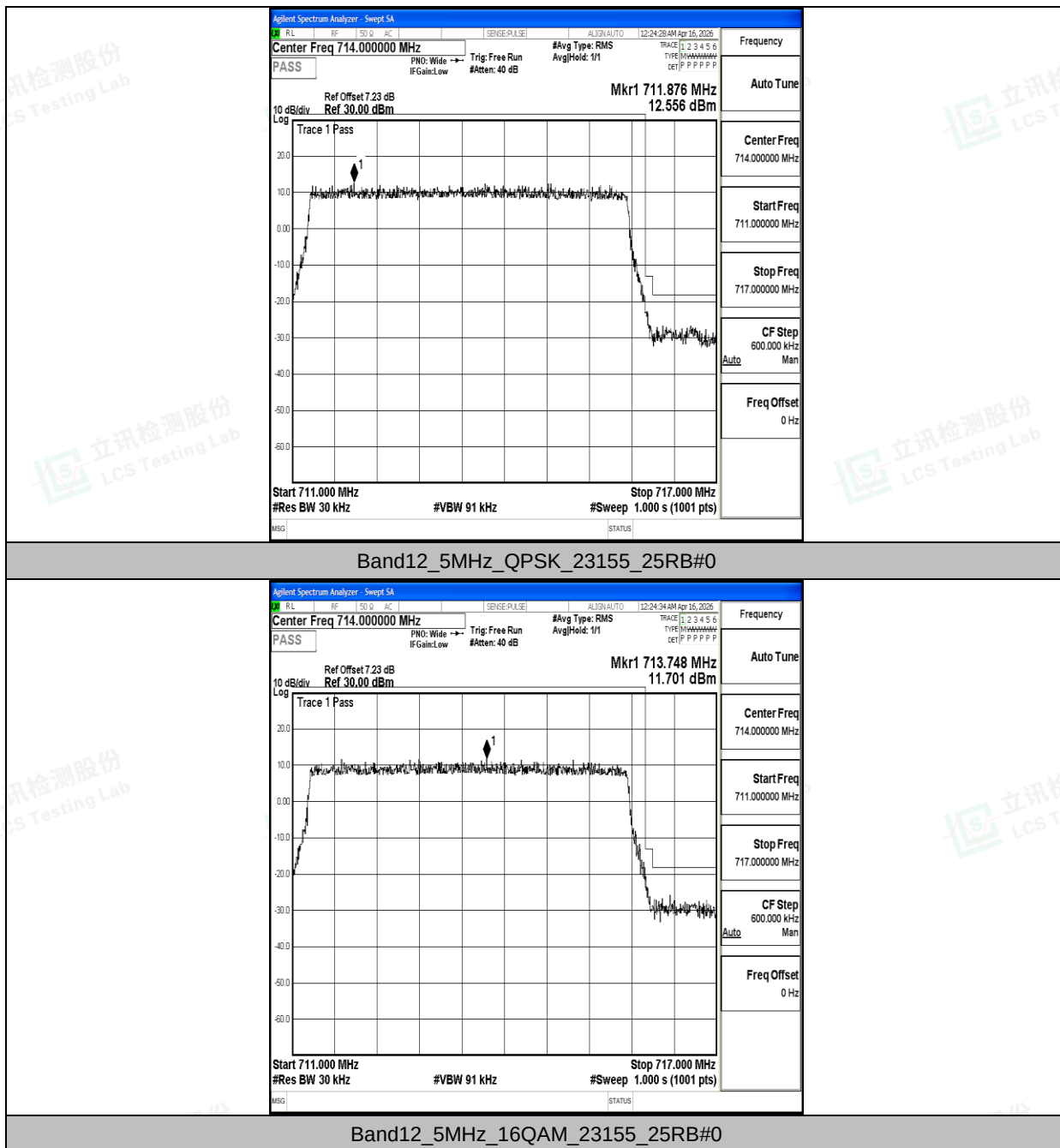
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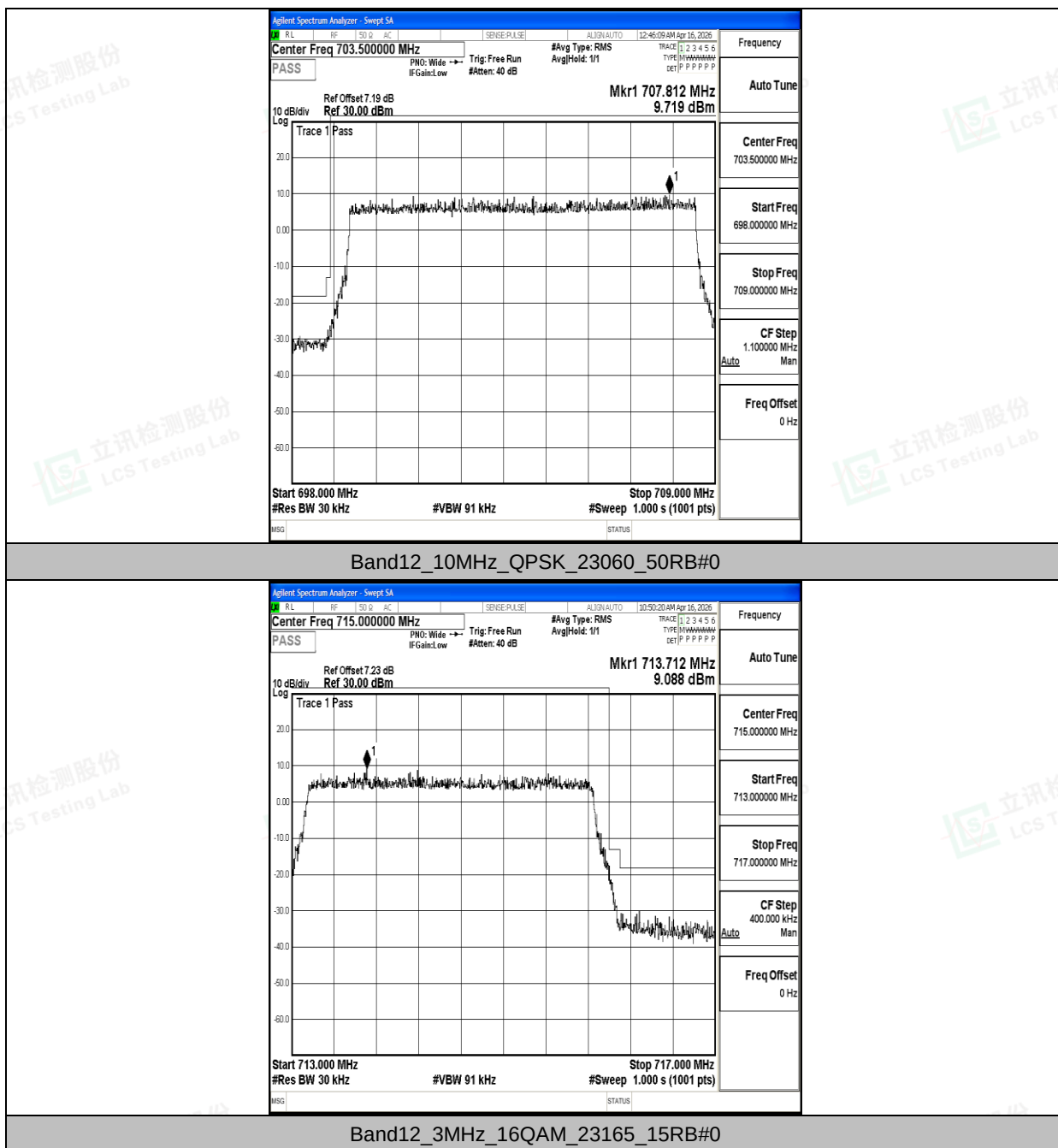


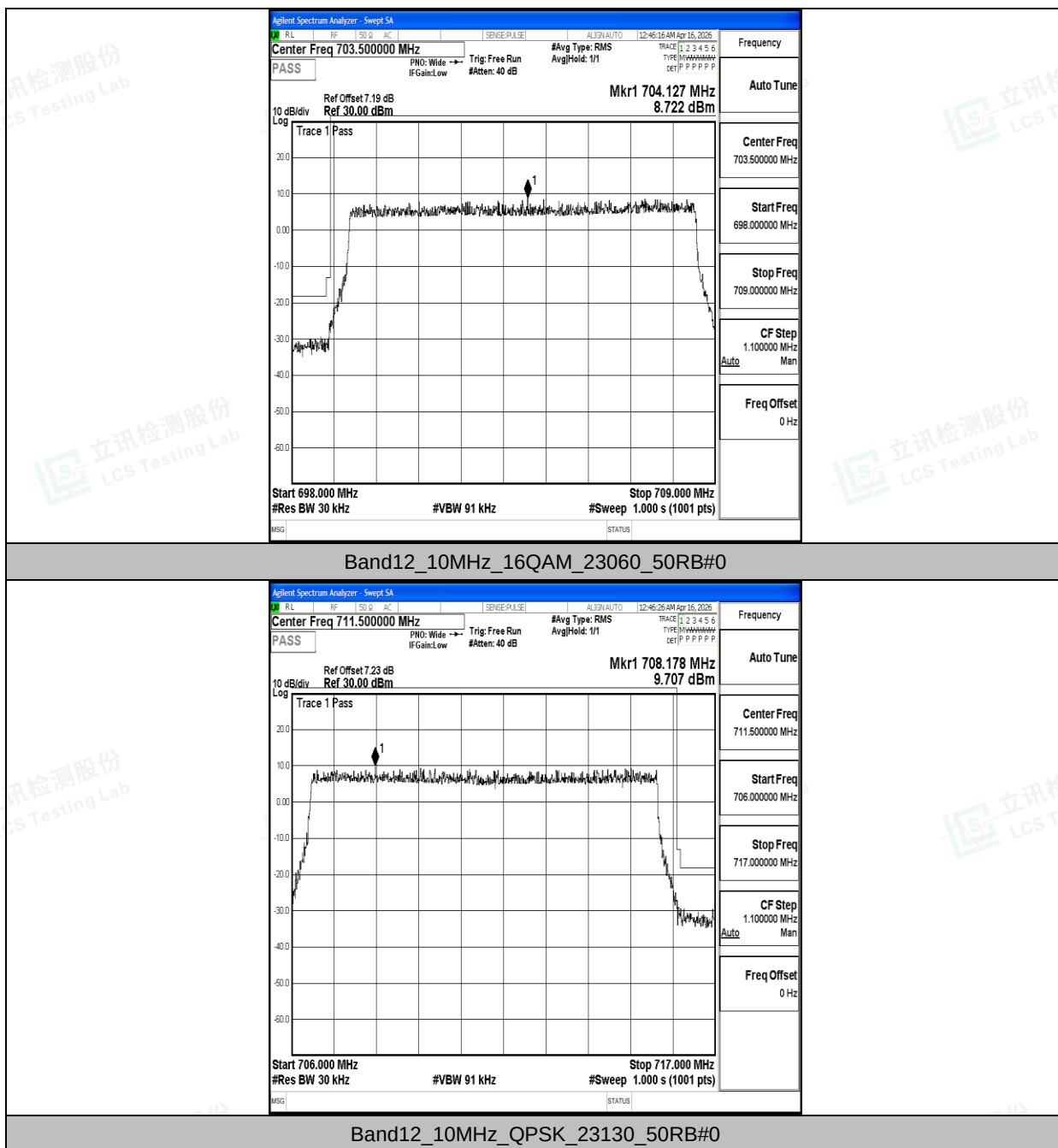
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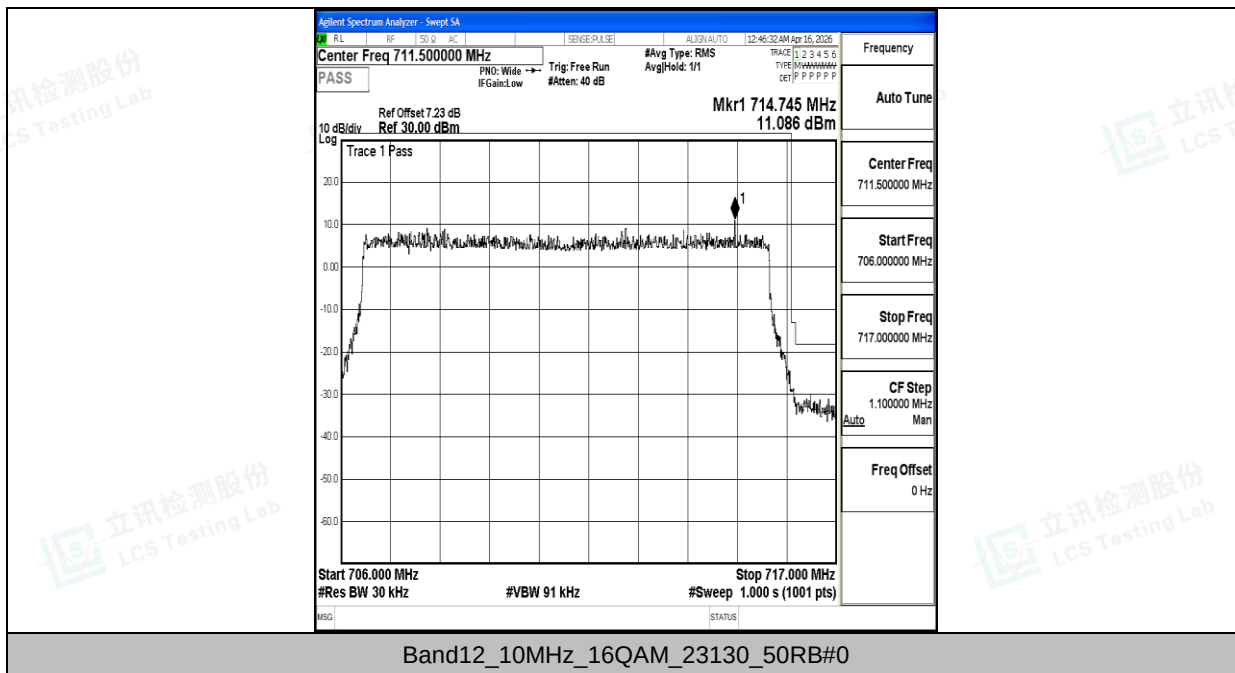


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F.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	0.009~0.15	-57.23	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	0.15~30	-33.50	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	30~1000	-50.61	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	1000~3000	-33.02	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	3000~10000	-35.44	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.009~0.15	-52.90	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.15~30	-36.61	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	30~1000	-50.94	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	1000~3000	-33.91	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	3000~10000	-35.10	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.009~0.15	-58.81	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.15~30	-35.21	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	30~1000	-49.90	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	1000~3000	-34.84	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3000~10000	-35.10	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.009~0.15	-58.01	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.15~30	-33.92	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	30~1000	-45.82	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	1000~3000	-33.23	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	3000~10000	-34.30	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.009~0.15	-58.58	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.15~30	-33.45	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	30~1000	-48.12	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	1000~3000	-32.90	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3000~10000	-35.28	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.009~0.15	-58.24	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.15~30	-36.51	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	30~1000	-45.71	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	1000~3000	-32.17	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	3000~10000	-35.12	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.009~0.15	-58.87	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.15~30	-45.25	PASS
Band12	3MHz	QPSK	23025	1RB#0	30~1000	-52.05	PASS
Band12	3MHz	QPSK	23025	1RB#0	1000~3000	-34.62	PASS
Band12	3MHz	QPSK	23025	1RB#0	3000~10000	-35.50	PASS
Band12	3MHz	16QAM	23025	1RB#0	0.009~0.15	-58.33	PASS



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Band12	3MHz	16QAM	23025	1RB#0	0.15~30	-44.99	PASS
Band12	3MHz	16QAM	23025	1RB#0	30~1000	-47.12	PASS
Band12	3MHz	16QAM	23025	1RB#0	1000~3000	-34.32	PASS
Band12	3MHz	16QAM	23025	1RB#0	3000~10000	-35.31	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.009~0.15	-57.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.15~30	-44.97	PASS
Band12	3MHz	QPSK	23095	1RB#0	30~1000	-37.78	PASS
Band12	3MHz	QPSK	23095	1RB#0	1000~3000	-35.98	PASS
Band12	3MHz	QPSK	23095	1RB#0	3000~10000	-35.37	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.009~0.15	-55.48	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.15~30	-46.50	PASS
Band12	3MHz	16QAM	23095	1RB#0	30~1000	-50.53	PASS
Band12	3MHz	16QAM	23095	1RB#0	1000~3000	-35.85	PASS
Band12	3MHz	16QAM	23095	1RB#0	3000~10000	-35.15	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.009~0.15	-61.25	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.15~30	-44.56	PASS
Band12	3MHz	QPSK	23165	1RB#0	30~1000	-48.43	PASS
Band12	3MHz	QPSK	23165	1RB#0	1000~3000	-34.57	PASS
Band12	3MHz	QPSK	23165	1RB#0	3000~10000	-34.40	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.009~0.15	-56.72	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.15~30	-45.96	PASS
Band12	3MHz	16QAM	23165	1RB#0	30~1000	-51.45	PASS
Band12	3MHz	16QAM	23165	1RB#0	1000~3000	-34.39	PASS
Band12	3MHz	16QAM	23165	1RB#0	3000~10000	-35.21	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.009~0.15	-61.08	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.15~30	-35.81	PASS
Band12	5MHz	QPSK	23035	1RB#0	30~1000	-46.89	PASS
Band12	5MHz	QPSK	23035	1RB#0	1000~3000	-34.51	PASS
Band12	5MHz	QPSK	23035	1RB#0	3000~10000	-34.93	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.009~0.15	-57.85	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.15~30	-33.71	PASS
Band12	5MHz	16QAM	23035	1RB#0	30~1000	-48.01	PASS
Band12	5MHz	16QAM	23035	1RB#0	1000~3000	-35.34	PASS
Band12	5MHz	16QAM	23035	1RB#0	3000~10000	-35.29	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.009~0.15	-54.98	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.15~30	-34.31	PASS
Band12	5MHz	QPSK	23095	1RB#0	30~1000	-51.79	PASS
Band12	5MHz	QPSK	23095	1RB#0	1000~3000	-32.08	PASS
Band12	5MHz	QPSK	23095	1RB#0	3000~10000	-35.54	PASS
Band12	5MHz	16QAM	23095	1RB#0	0.009~0.15	-59.59	PASS
Band12	5MHz	16QAM	23095	1RB#0	0.15~30	-34.38	PASS
Band12	5MHz	16QAM	23095	1RB#0	30~1000	-52.68	PASS
Band12	5MHz	16QAM	23095	1RB#0	1000~3000	-33.42	PASS



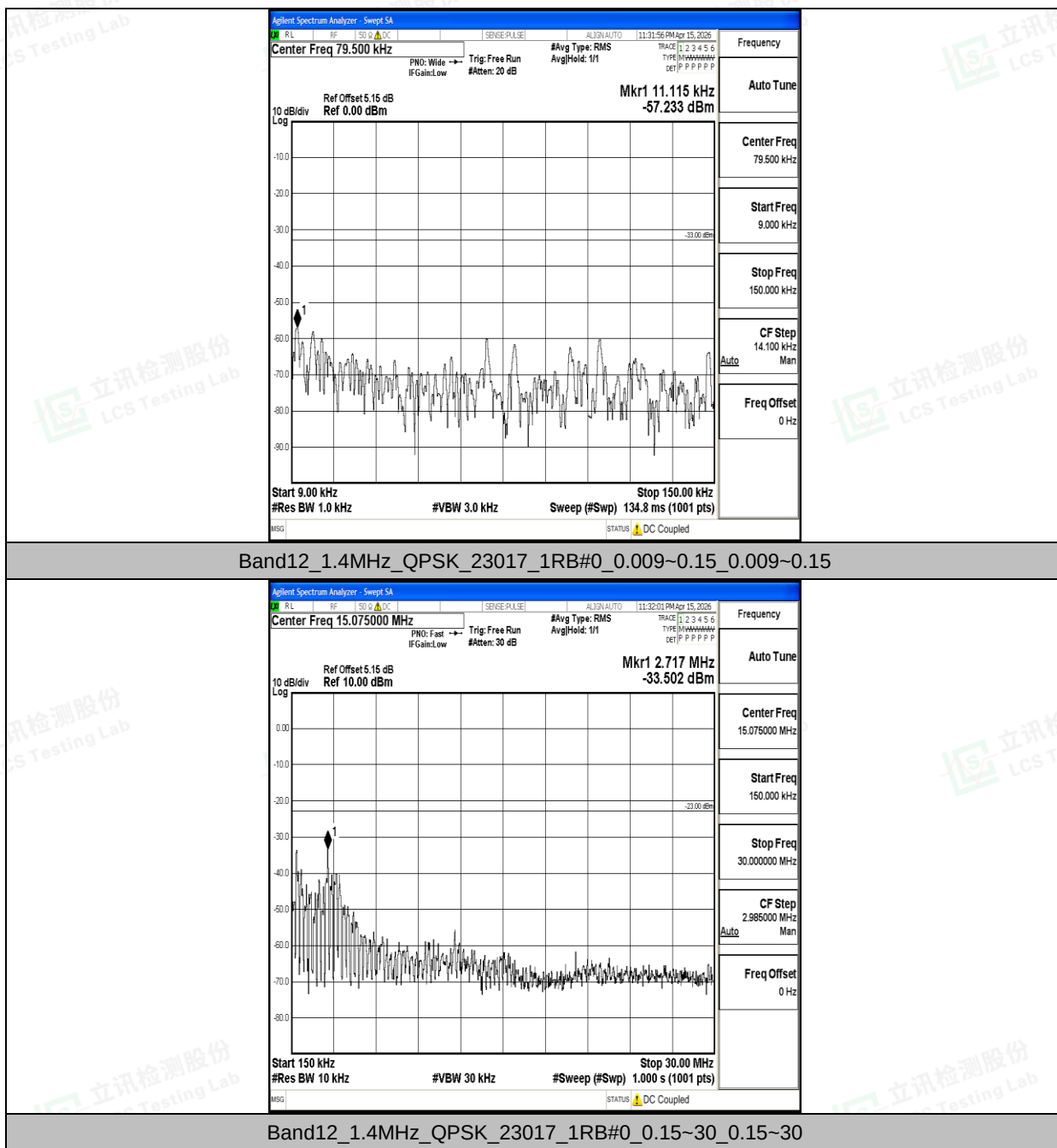


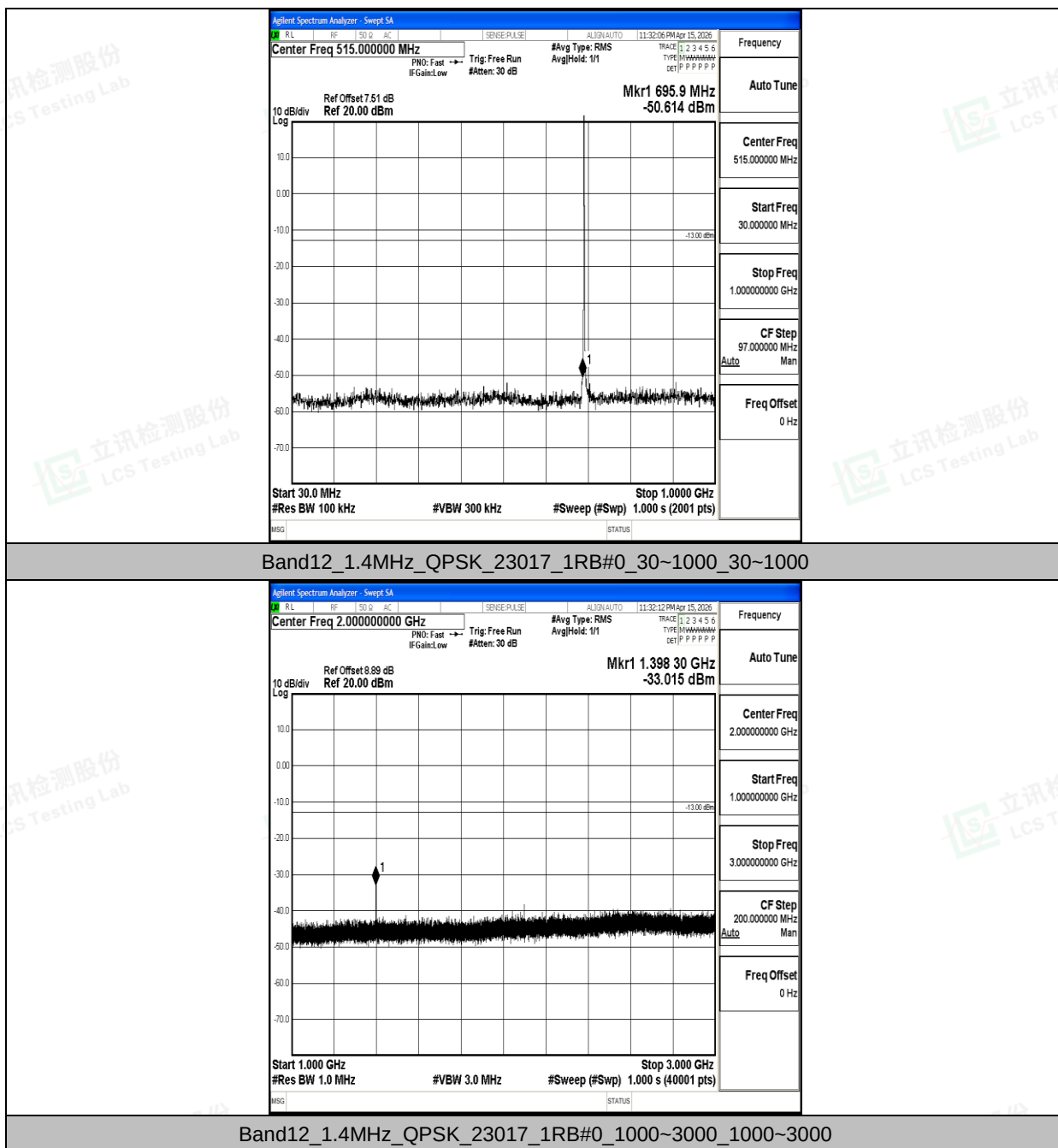
Band12	5MHz	16QAM	23095	1RB#0	3000~10000	-35.57	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.009~0.15	-56.08	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.15~30	-36.34	PASS
Band12	5MHz	QPSK	23155	1RB#0	30~1000	-41.75	PASS
Band12	5MHz	QPSK	23155	1RB#0	1000~3000	-34.69	PASS
Band12	5MHz	QPSK	23155	1RB#0	3000~10000	-35.63	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.009~0.15	-55.65	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.15~30	-31.57	PASS
Band12	5MHz	16QAM	23155	1RB#0	30~1000	-43.27	PASS
Band12	5MHz	16QAM	23155	1RB#0	1000~3000	-34.96	PASS
Band12	5MHz	16QAM	23155	1RB#0	3000~10000	-35.42	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.009~0.15	-57.40	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.15~30	-31.92	PASS
Band12	10MHz	QPSK	23060	1RB#0	30~1000	-52.81	PASS
Band12	10MHz	QPSK	23060	1RB#0	1000~3000	-36.72	PASS
Band12	10MHz	QPSK	23060	1RB#0	3000~10000	-35.41	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.009~0.15	-57.90	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.15~30	-31.94	PASS
Band12	10MHz	16QAM	23060	1RB#0	30~1000	-52.22	PASS
Band12	10MHz	16QAM	23060	1RB#0	1000~3000	-34.58	PASS
Band12	10MHz	16QAM	23060	1RB#0	3000~10000	-35.21	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.009~0.15	-58.82	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.15~30	-32.90	PASS
Band12	10MHz	QPSK	23095	1RB#0	30~1000	-51.66	PASS
Band12	10MHz	QPSK	23095	1RB#0	1000~3000	-34.10	PASS
Band12	10MHz	QPSK	23095	1RB#0	3000~10000	-35.60	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.009~0.15	-58.03	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.15~30	-36.56	PASS
Band12	10MHz	16QAM	23095	1RB#0	30~1000	-52.28	PASS
Band12	10MHz	16QAM	23095	1RB#0	1000~3000	-34.87	PASS
Band12	10MHz	16QAM	23095	1RB#0	3000~10000	-35.74	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.009~0.15	-57.73	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.15~30	-32.82	PASS
Band12	10MHz	QPSK	23130	1RB#0	30~1000	-51.93	PASS
Band12	10MHz	QPSK	23130	1RB#0	1000~3000	-35.60	PASS
Band12	10MHz	QPSK	23130	1RB#0	3000~10000	-35.42	PASS
Band12	10MHz	16QAM	23130	1RB#0	0.009~0.15	-53.83	PASS
Band12	10MHz	16QAM	23130	1RB#0	0.15~30	-33.59	PASS
Band12	10MHz	16QAM	23130	1RB#0	30~1000	-51.78	PASS
Band12	10MHz	16QAM	23130	1RB#0	1000~3000	-34.93	PASS
Band12	10MHz	16QAM	23130	1RB#0	3000~10000	-35.53	PASS

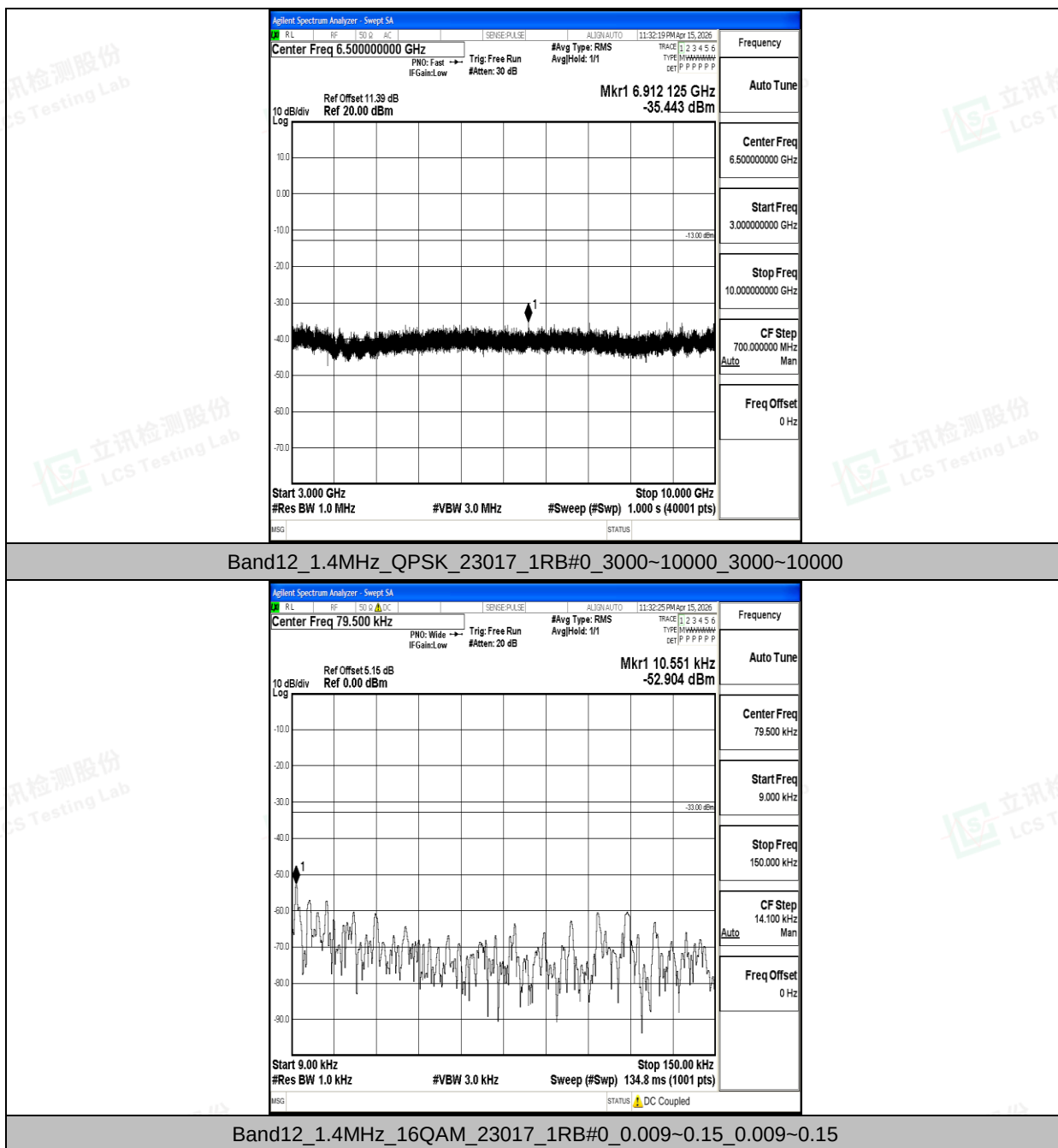




Test Graphs





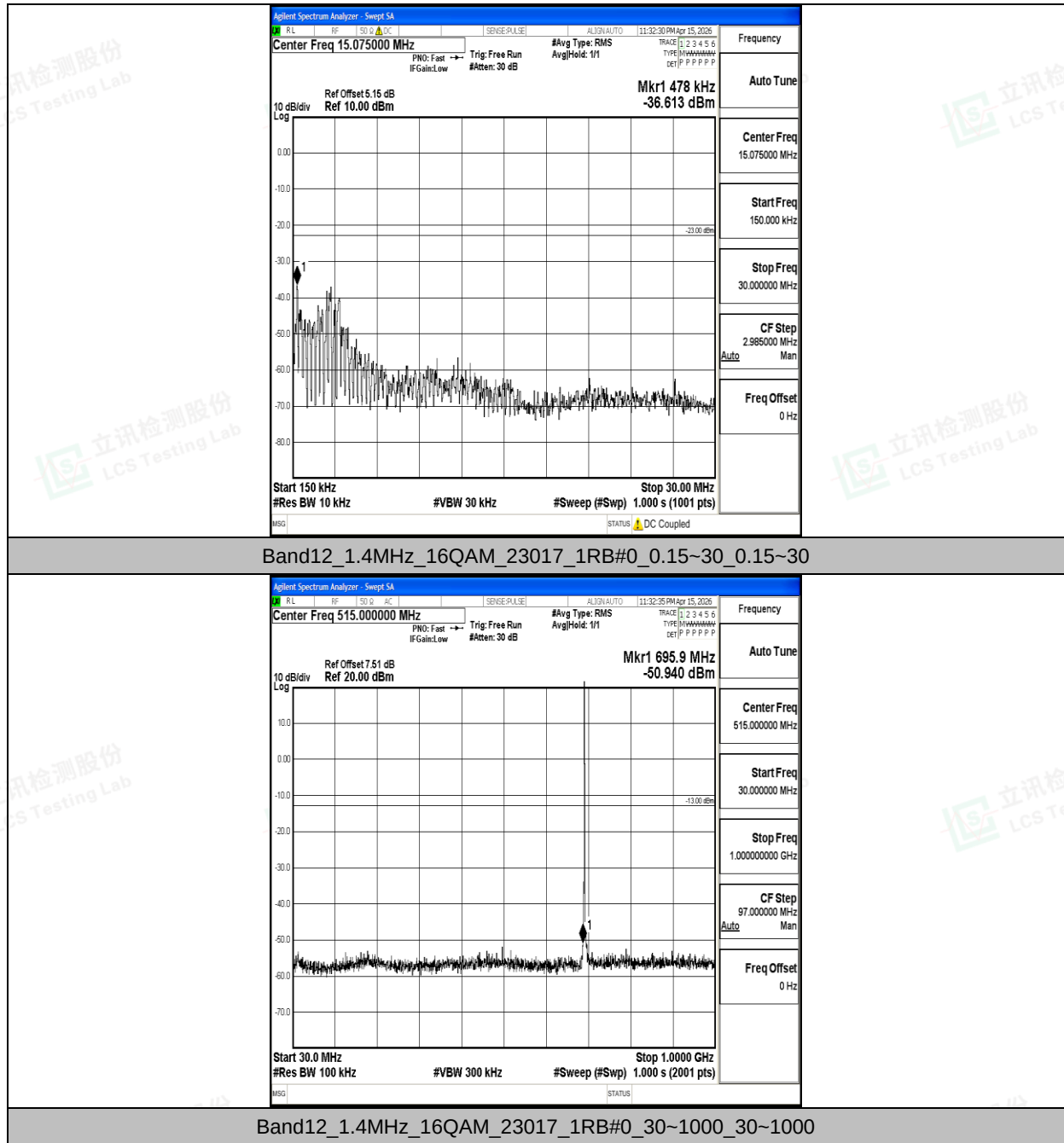


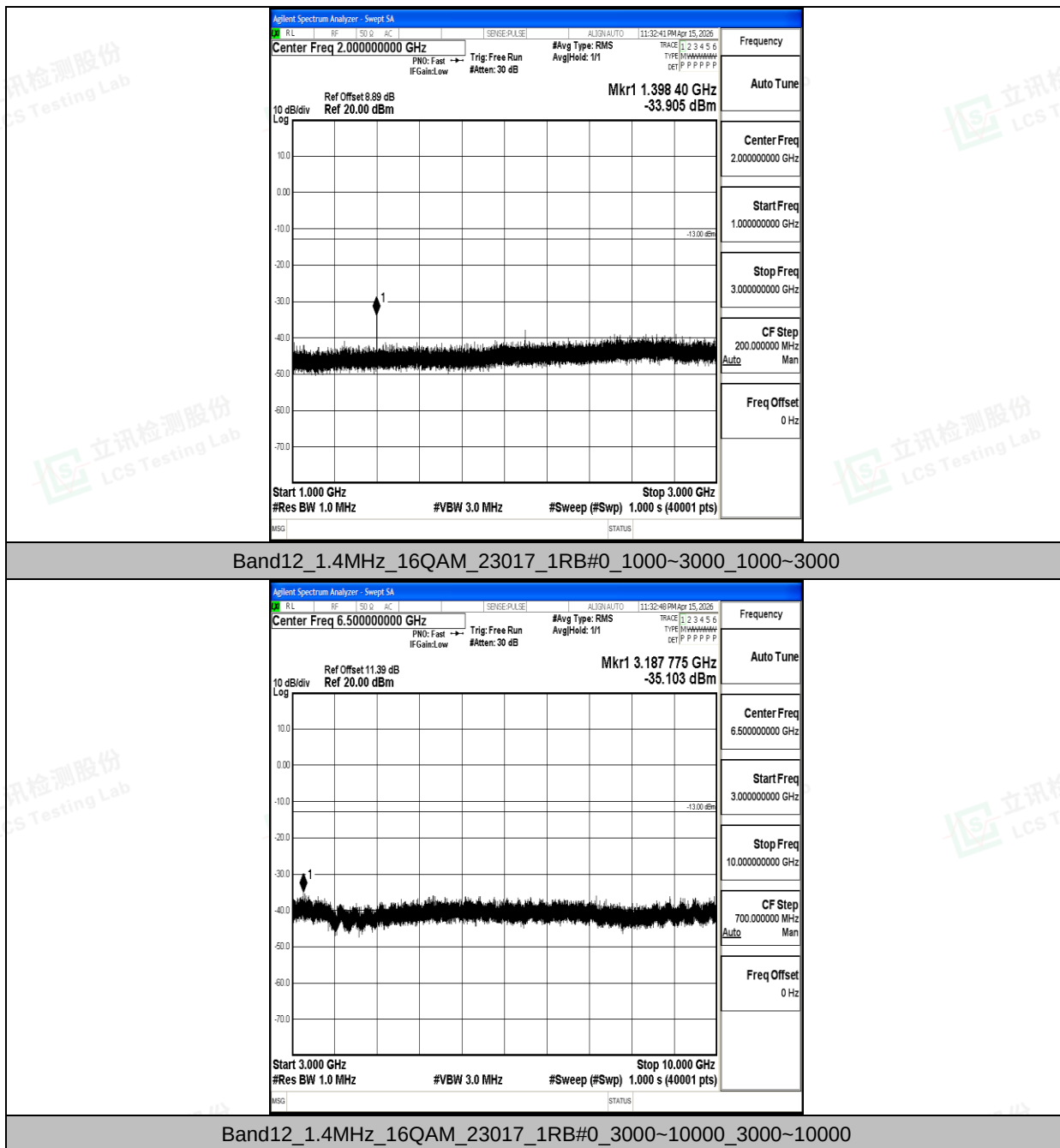
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