



Appendix K: Test Data for E-UTRA Band 12

Product Name: Mobile phone

Test Model: F175

Environmental Conditions

Temperature:	24.4°C
Relative Humidity:	53.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Jerry Chu
Supervised by:	Can Kun





K.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.94	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.86	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	24.04	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.52	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.81	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.51	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.89	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.67	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.59	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.75	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.98	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.84	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	22.19	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.42	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.82	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.55	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.93	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.32	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.92	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.58	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.69	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.62	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.68	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.59	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.65	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.74	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.90	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.35	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.95	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.37	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	23.00	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.14	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.98	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.44	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.54	PASS



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Scan code to check authenticity



Band12	1.4MHz	QPSK	23173	3RB#1	23.44	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.54	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.38	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.54	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.46	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	22.07	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.51	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.57	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.35	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.50	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.43	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.49	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.69	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.93	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.69	PASS
Band12	3MHz	16QAM	23025	8RB#4	22.11	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.76	PASS
Band12	3MHz	16QAM	23025	8RB#7	22.00	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.68	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.97	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.48	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.24	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.51	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.28	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.37	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.37	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.45	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.90	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.46	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.92	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.52	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.89	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.58	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.54	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.49	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.08	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.39	PASS
Band12	3MHz	16QAM	23165	1RB#8	23.00	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.30	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.94	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.31	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.93	PASS



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Band12	3MHz	QPSK	23165	8RB#4	22.37	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.93	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.52	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.85	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.45	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.70	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.56	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.15	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.53	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.03	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.61	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.17	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.82	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.91	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.68	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.91	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.71	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.73	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.73	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.97	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.15	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.84	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.29	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.78	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.51	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.38	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.65	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.69	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.49	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.70	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.67	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.86	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.64	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.78	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.71	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.57	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.75	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.59	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.32	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.25	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.56	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.54	PASS



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Band12	5MHz	QPSK	23155	12RB#6	22.56	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.54	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.48	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.72	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.54	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.74	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.46	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.82	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.35	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.37	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.28	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.32	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.57	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.78	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.56	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.78	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.48	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.62	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.62	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.70	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.56	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.60	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.46	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.64	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.60	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.53	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.63	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.85	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.61	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.85	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.67	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.78	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.67	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.68	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.36	PASS
Band12	10MHz	16QAM	23130	1RB#0	23.23	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.17	PASS
Band12	10MHz	16QAM	23130	1RB#24	23.21	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.19	PASS
Band12	10MHz	16QAM	23130	1RB#49	23.10	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.56	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.67	PASS



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Band12	10MHz	QPSK	23130	25RB#12	22.38	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.68	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.32	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.69	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.34	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.75	PASS





K.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	4.72	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.19	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.38	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.11	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.57	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.07	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.26	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.96	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	4.20	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	4.70	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.84	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.51	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	4.85	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	5.67	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.40	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.16	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.69	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.50	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.29	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.02	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	4.51	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.28	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.02	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.76	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	4.92	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.67	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.52	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.16	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.85	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.59	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.48	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.11	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	4.76	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	5.43	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.30	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.91	13	PASS



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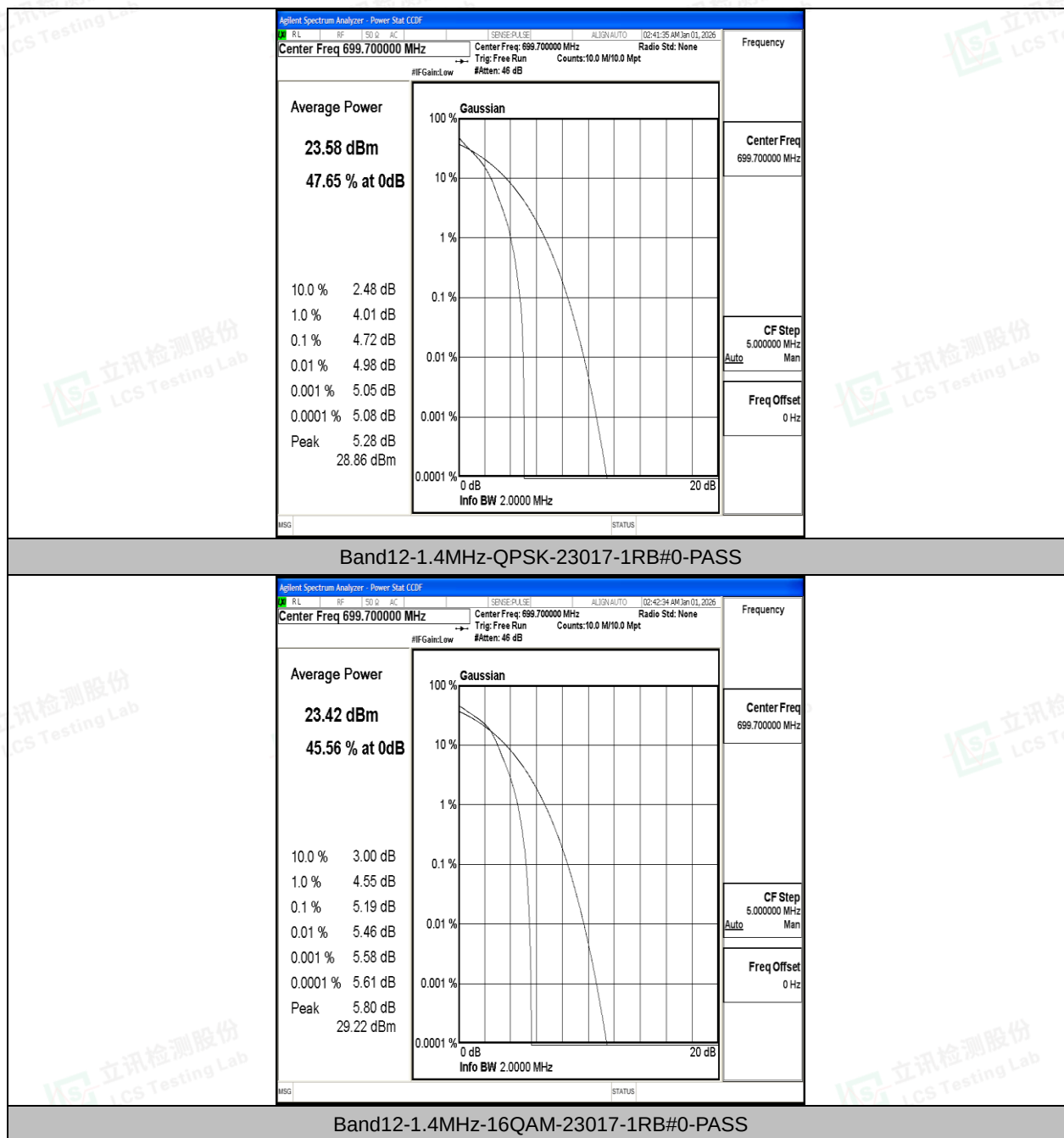


Band12	10MHz	QPSK	23060	1RB#0	4.76	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	5.60	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.49	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.17	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.86	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.57	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.49	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.15	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.75	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.42	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.43	13	PASS
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Test Graphs

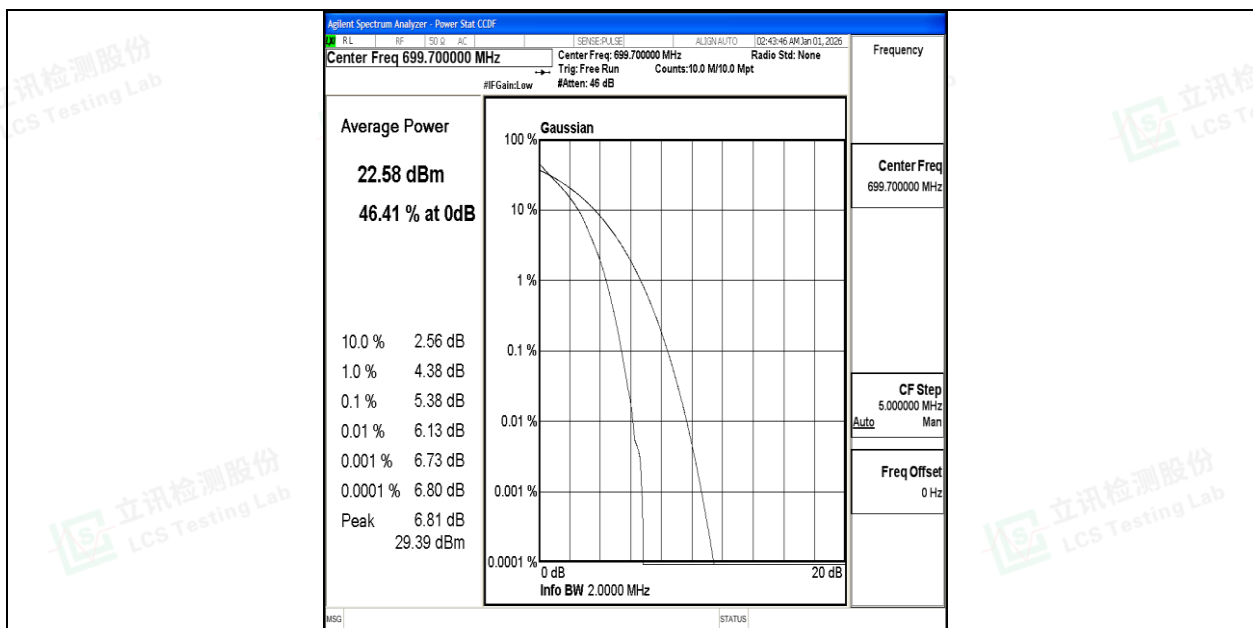


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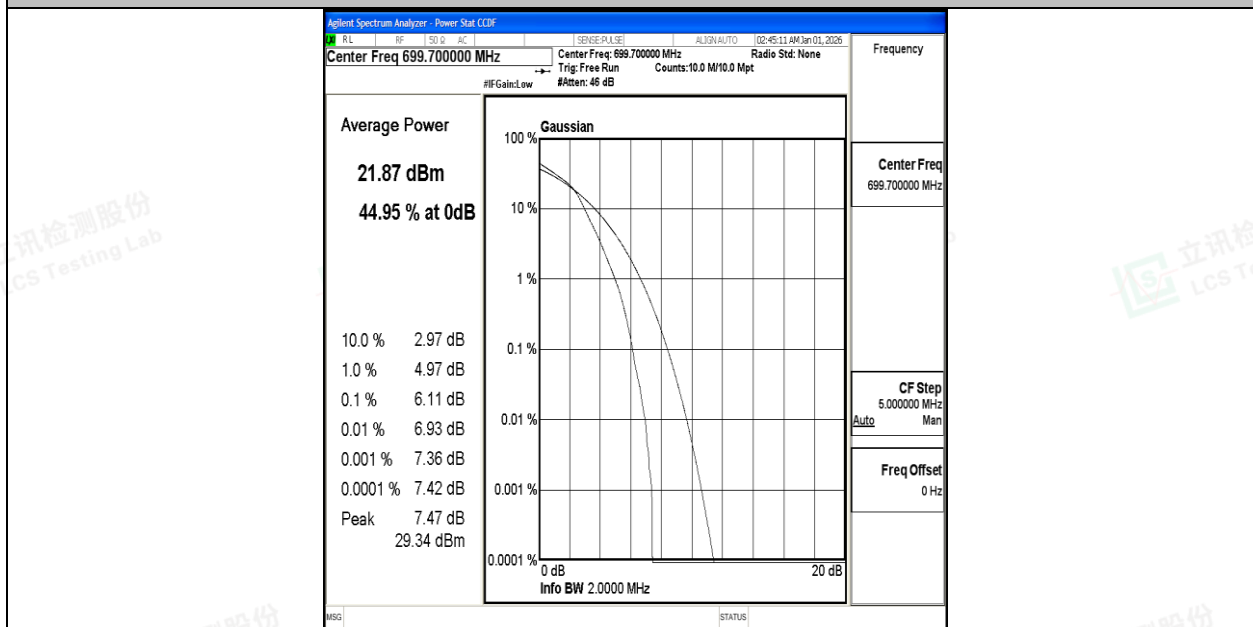
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Band12-1.4MHz-QPSK-23017-6RB#0-PASS



Band12-1.4MHz-16QAM-23017-6RB#0-PASS

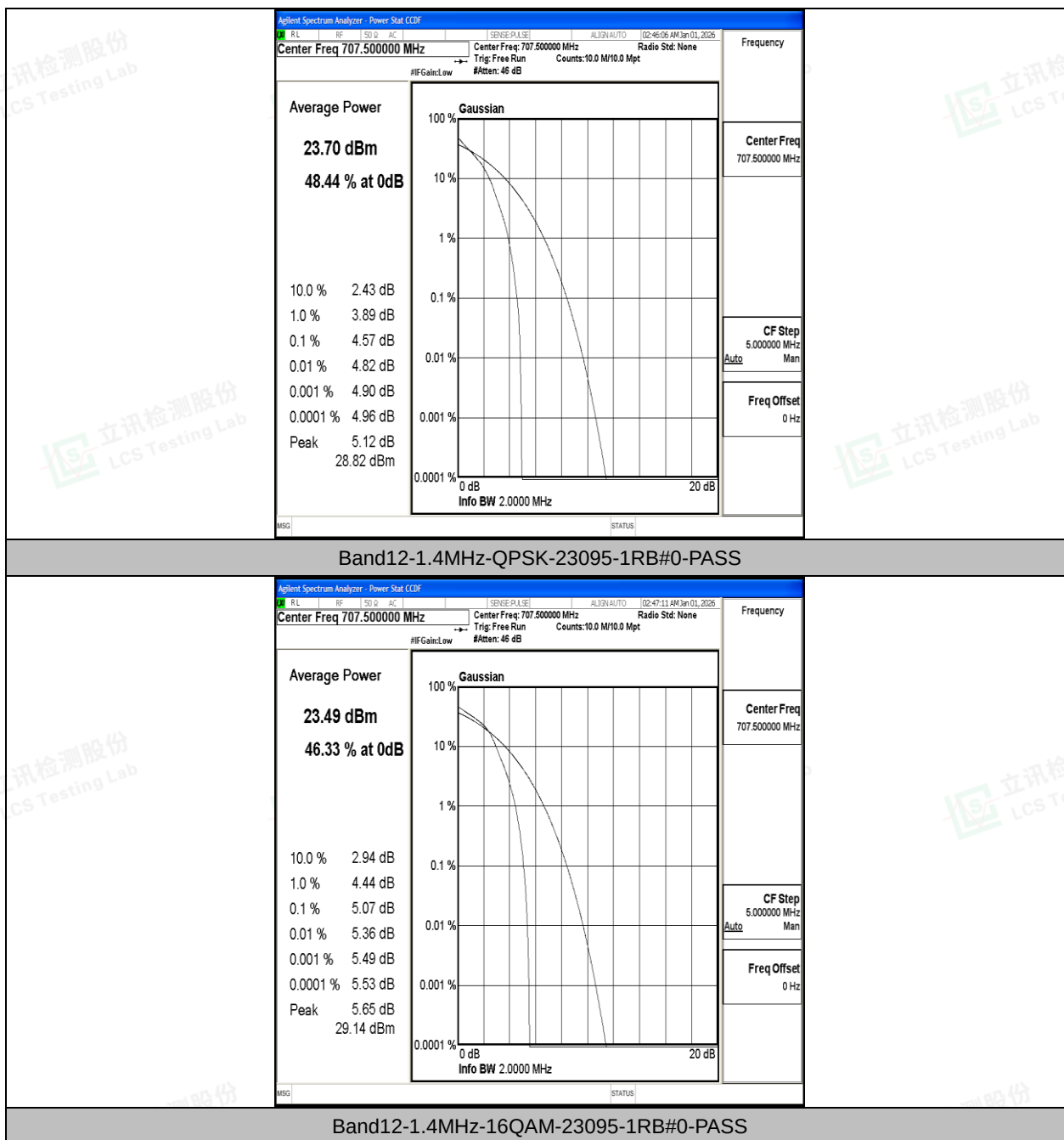


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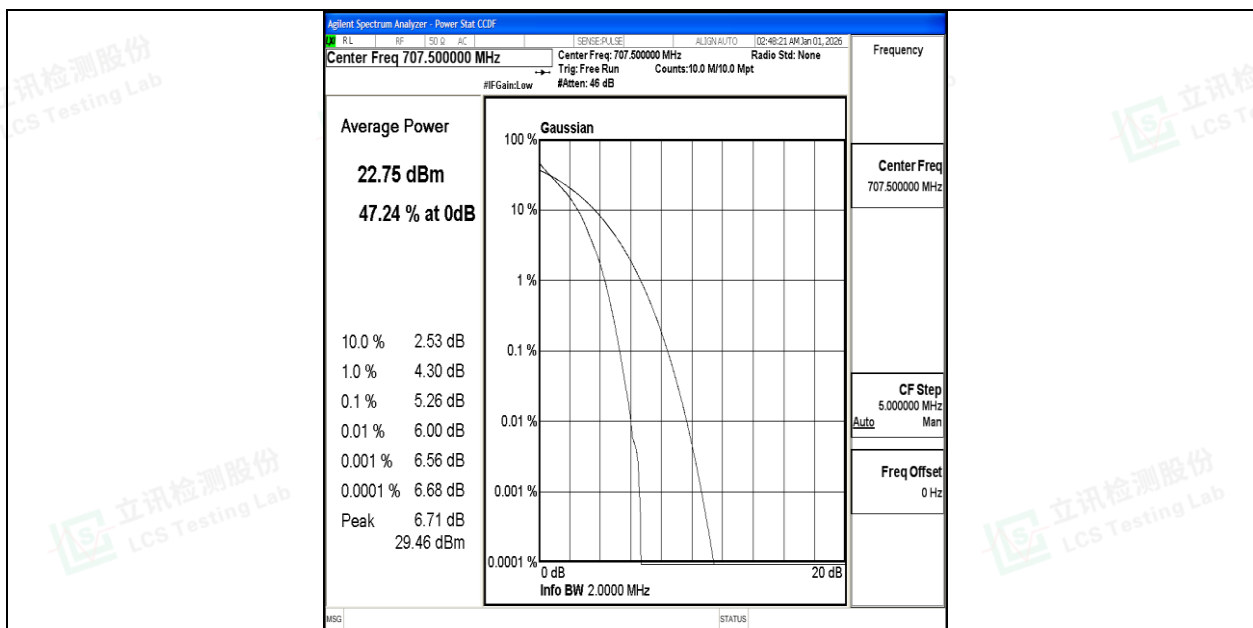


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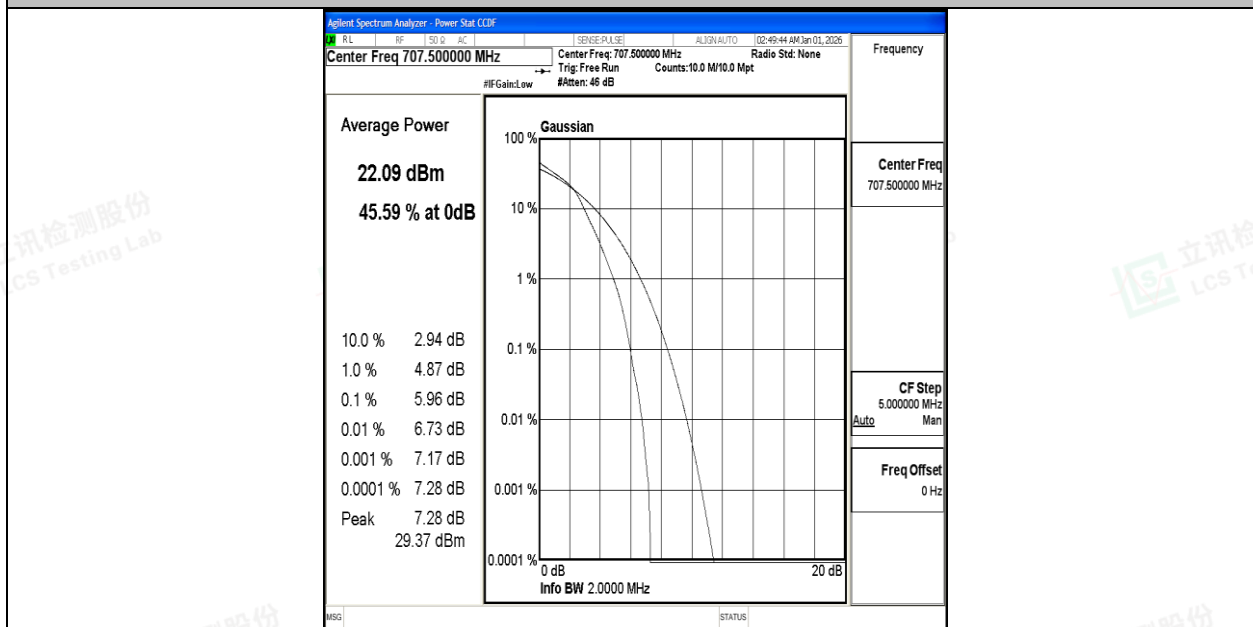
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Band12-1.4MHz-QPSK-23095-6RB#0-PASS



Band12-1.4MHz-16QAM-23095-6RB#0-PASS

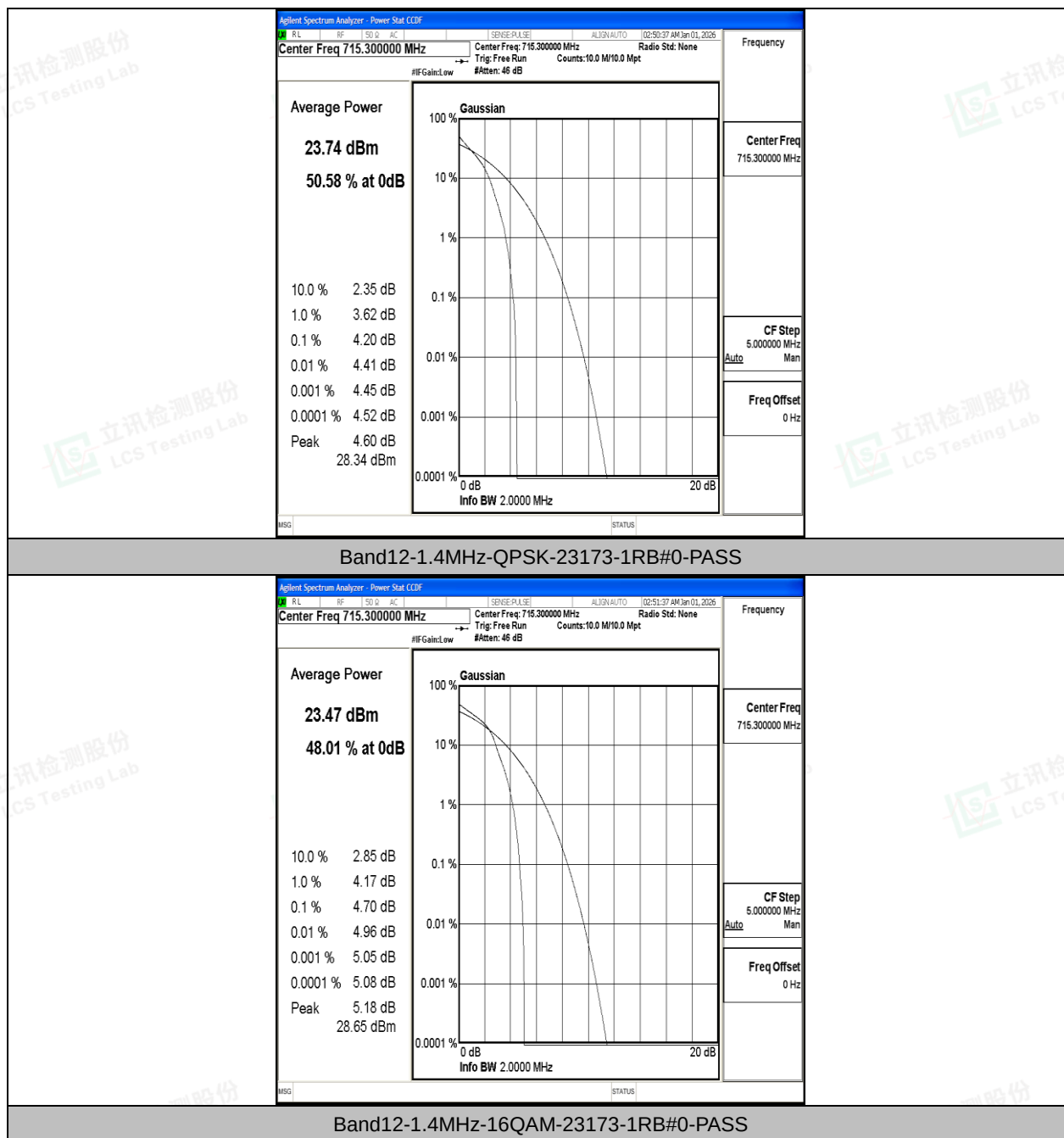


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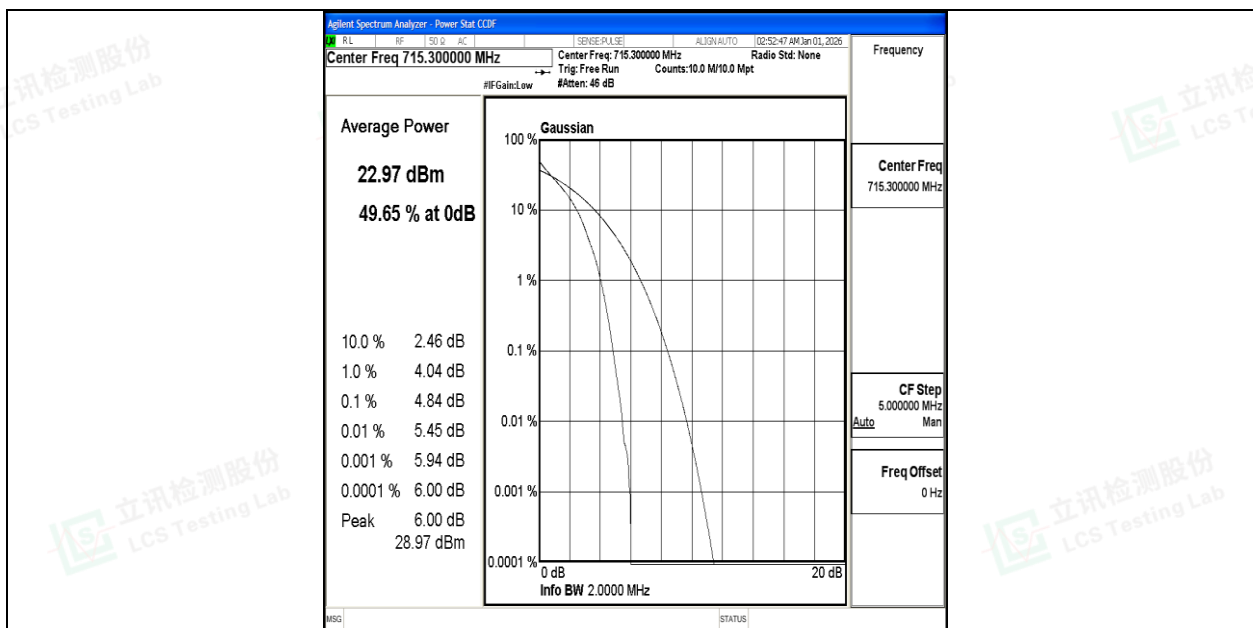


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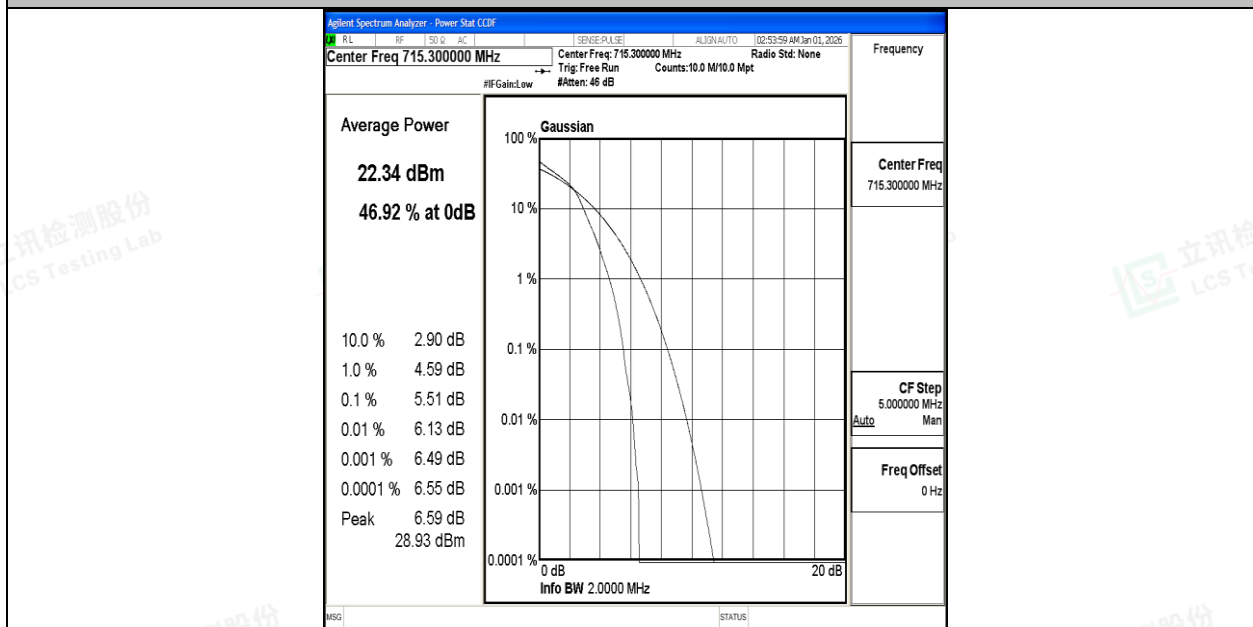
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Band12-1.4MHz-QPSK-23173-6RB#0-PASS



Band12-1.4MHz-16QAM-23173-6RB#0-PASS

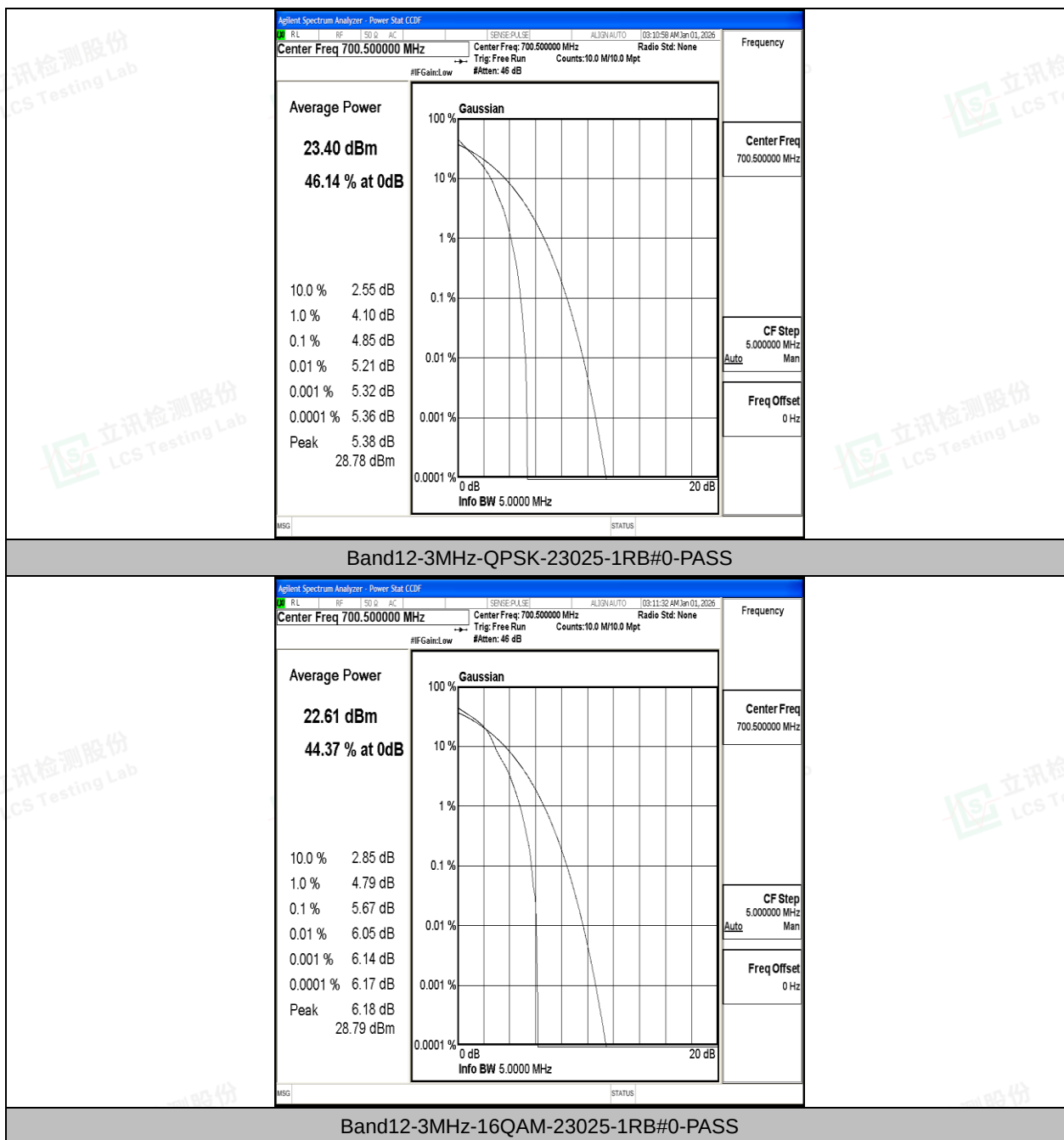


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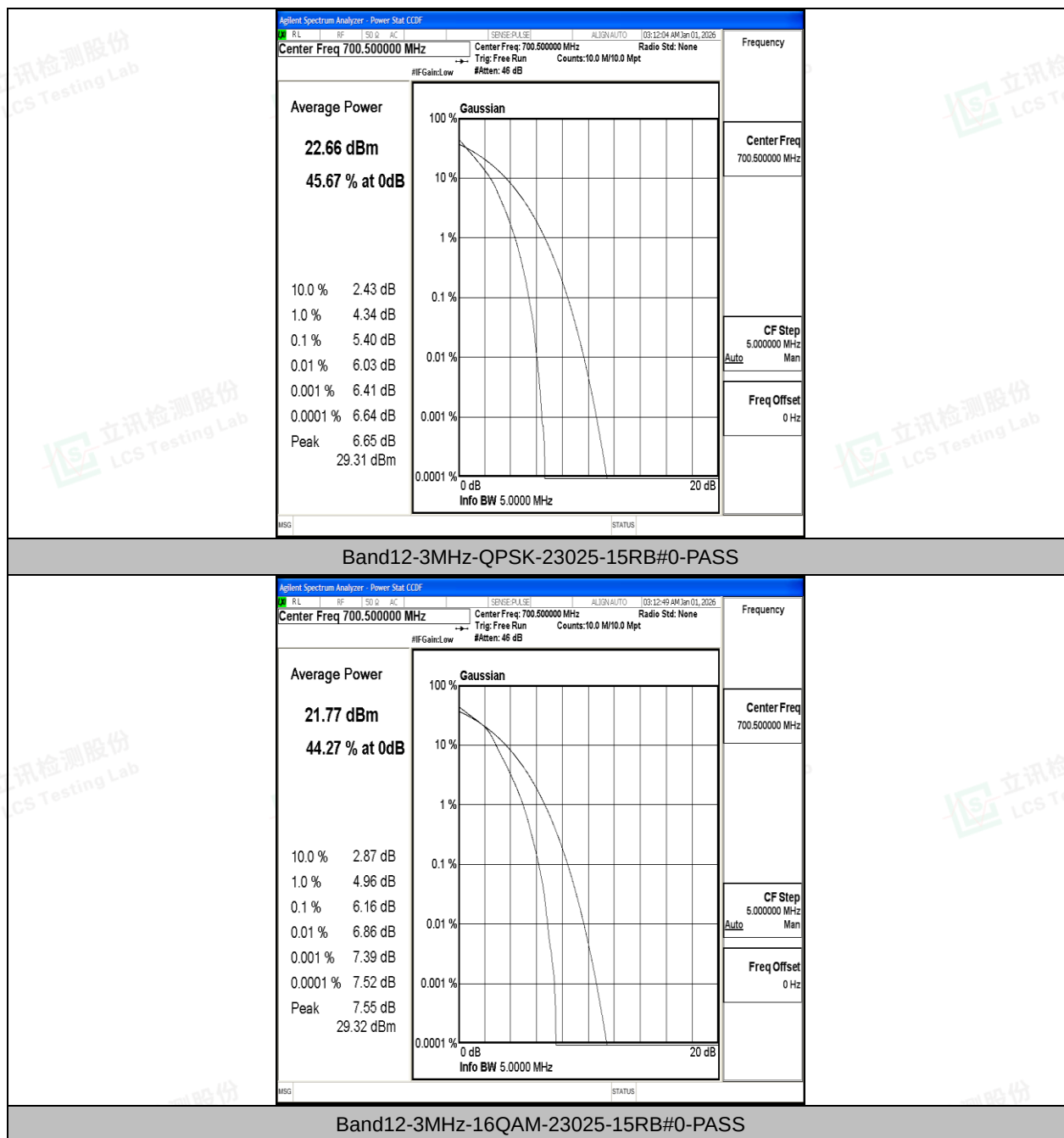


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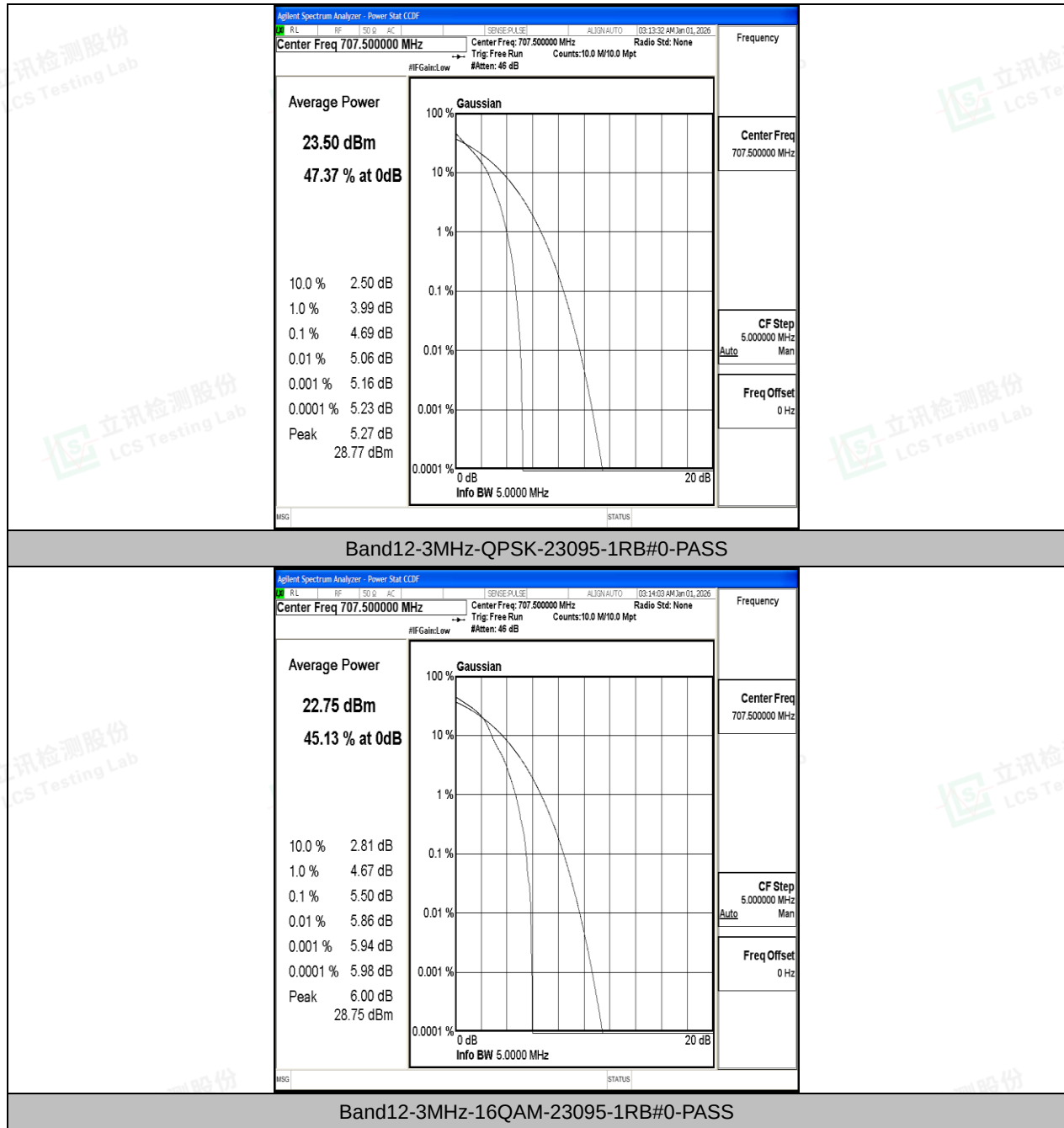


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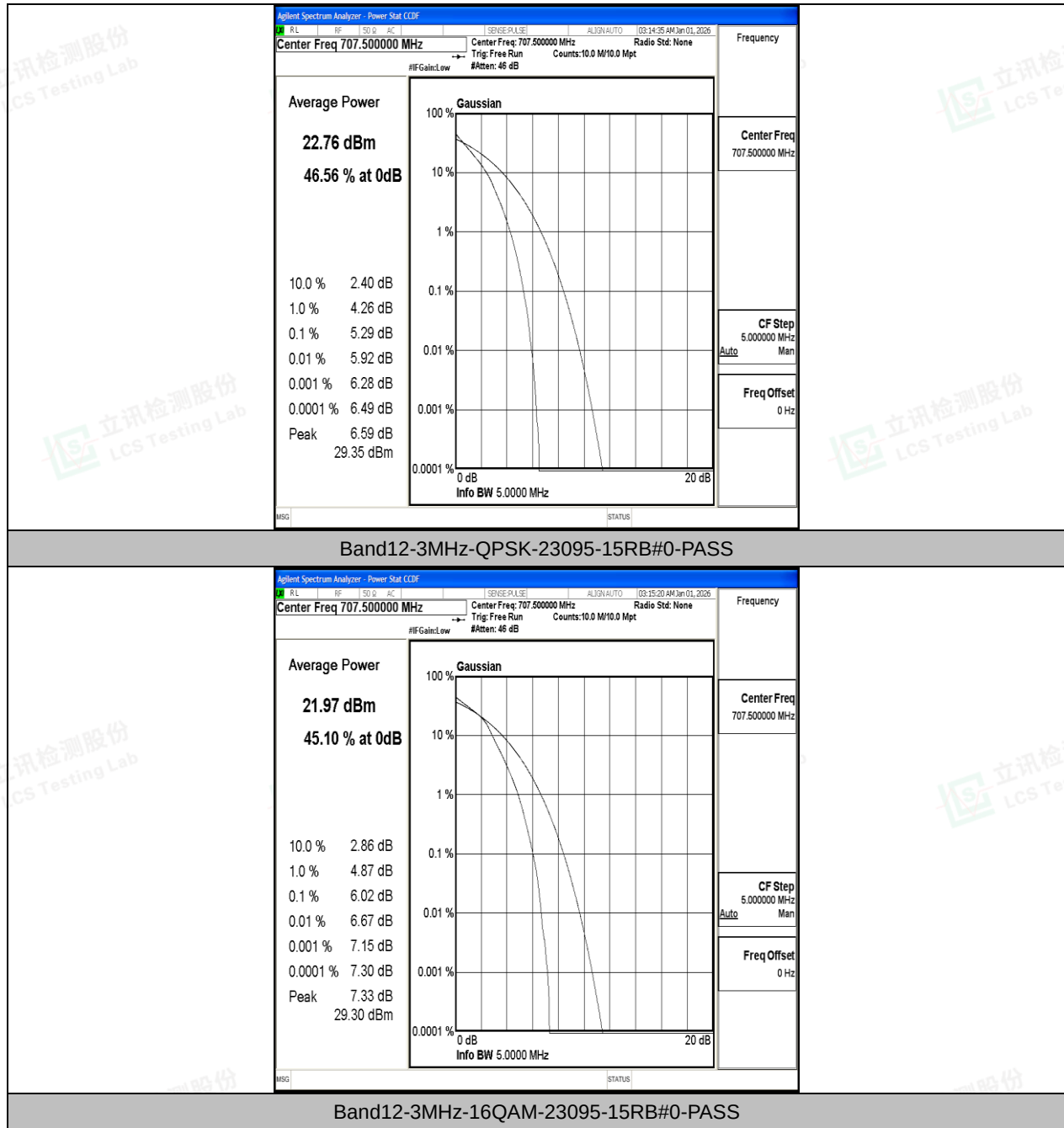


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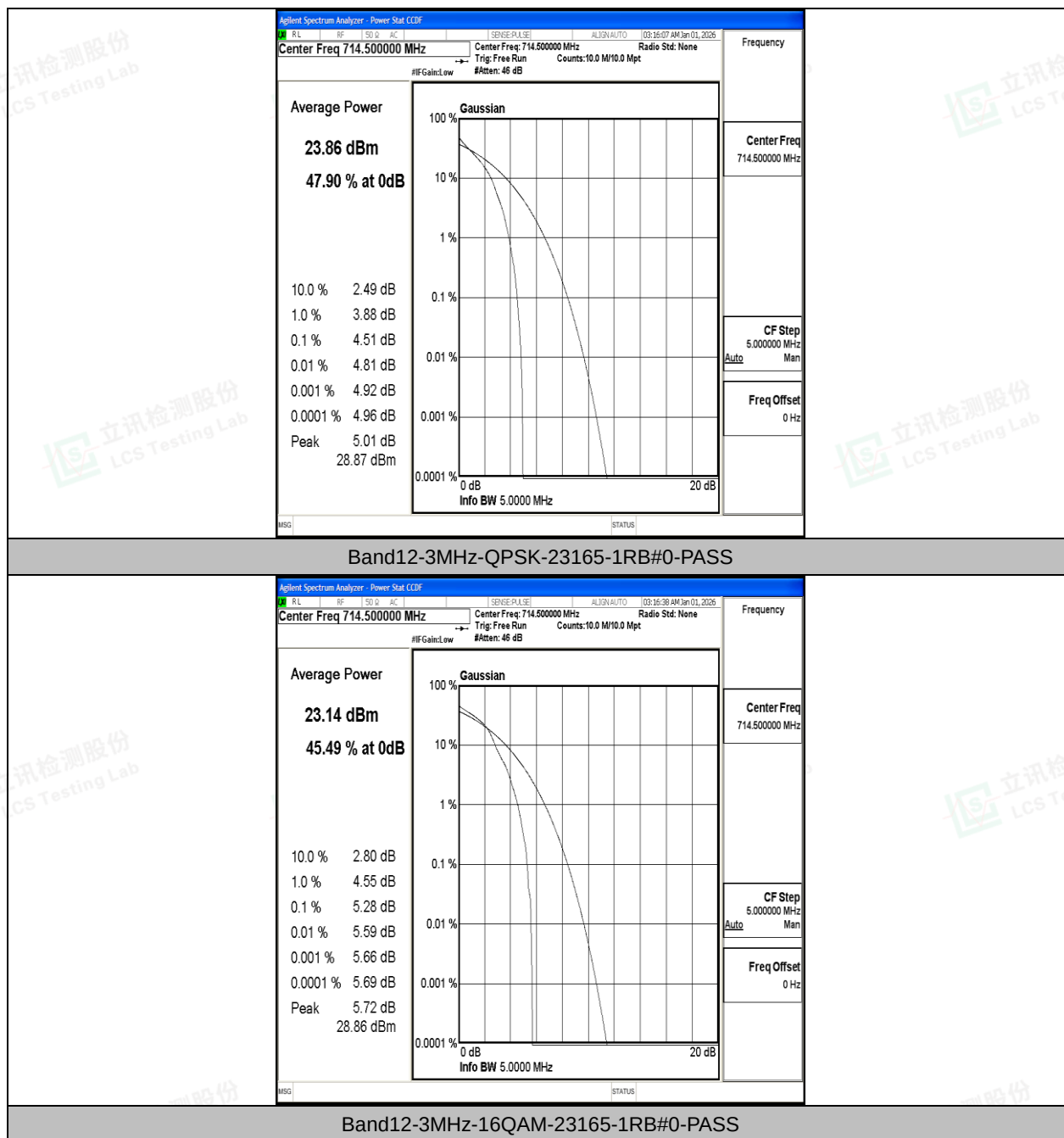


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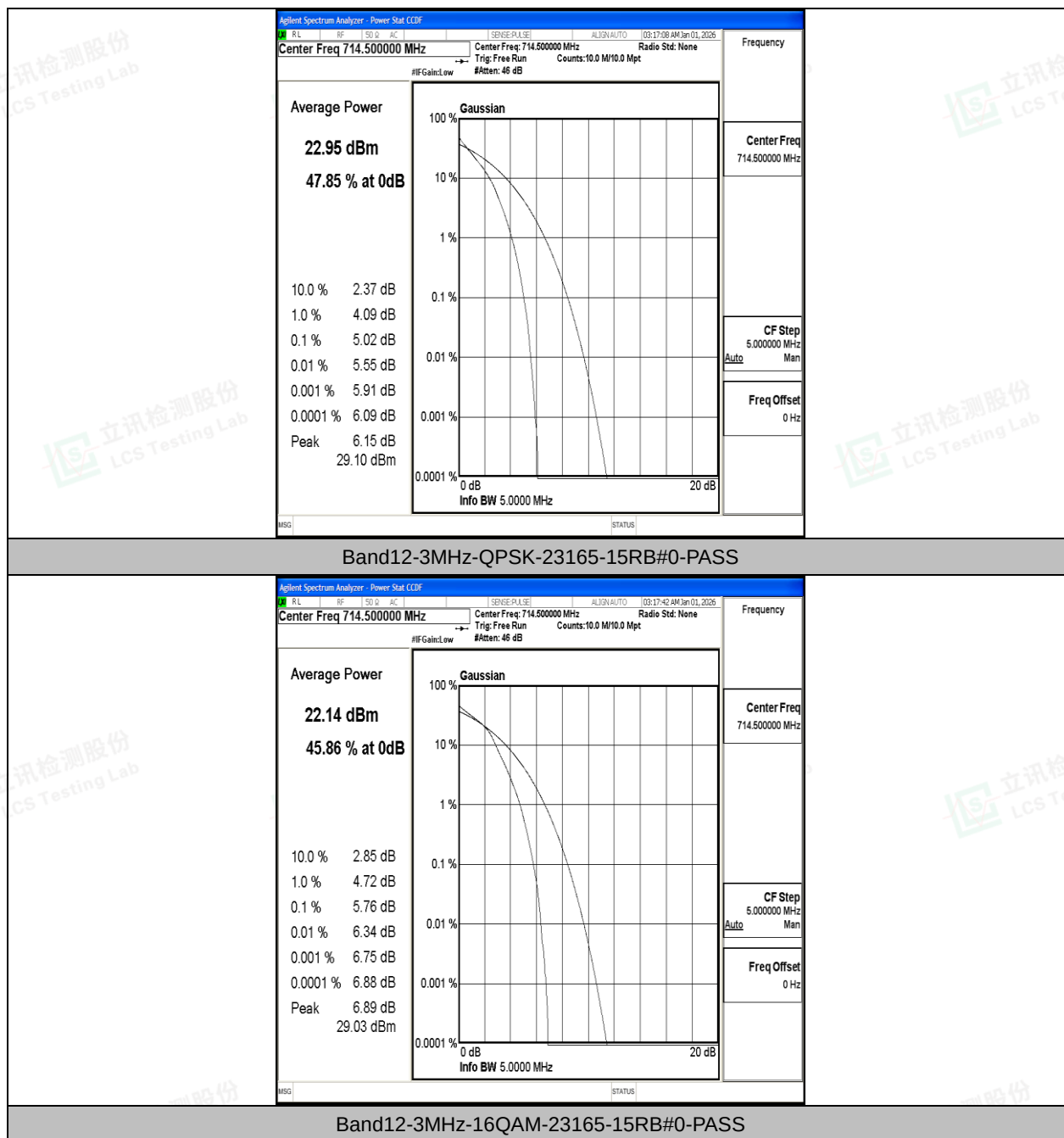


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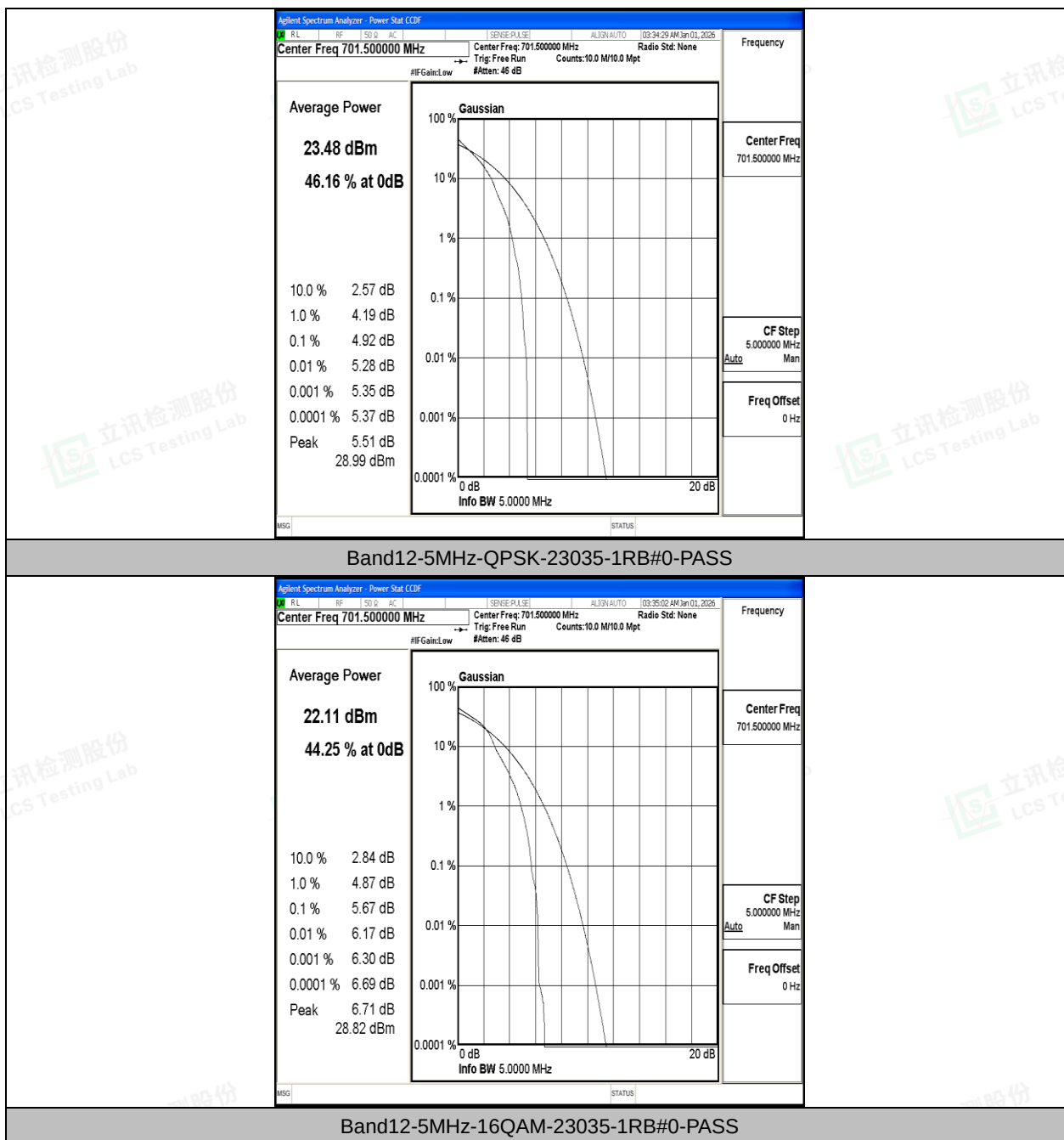


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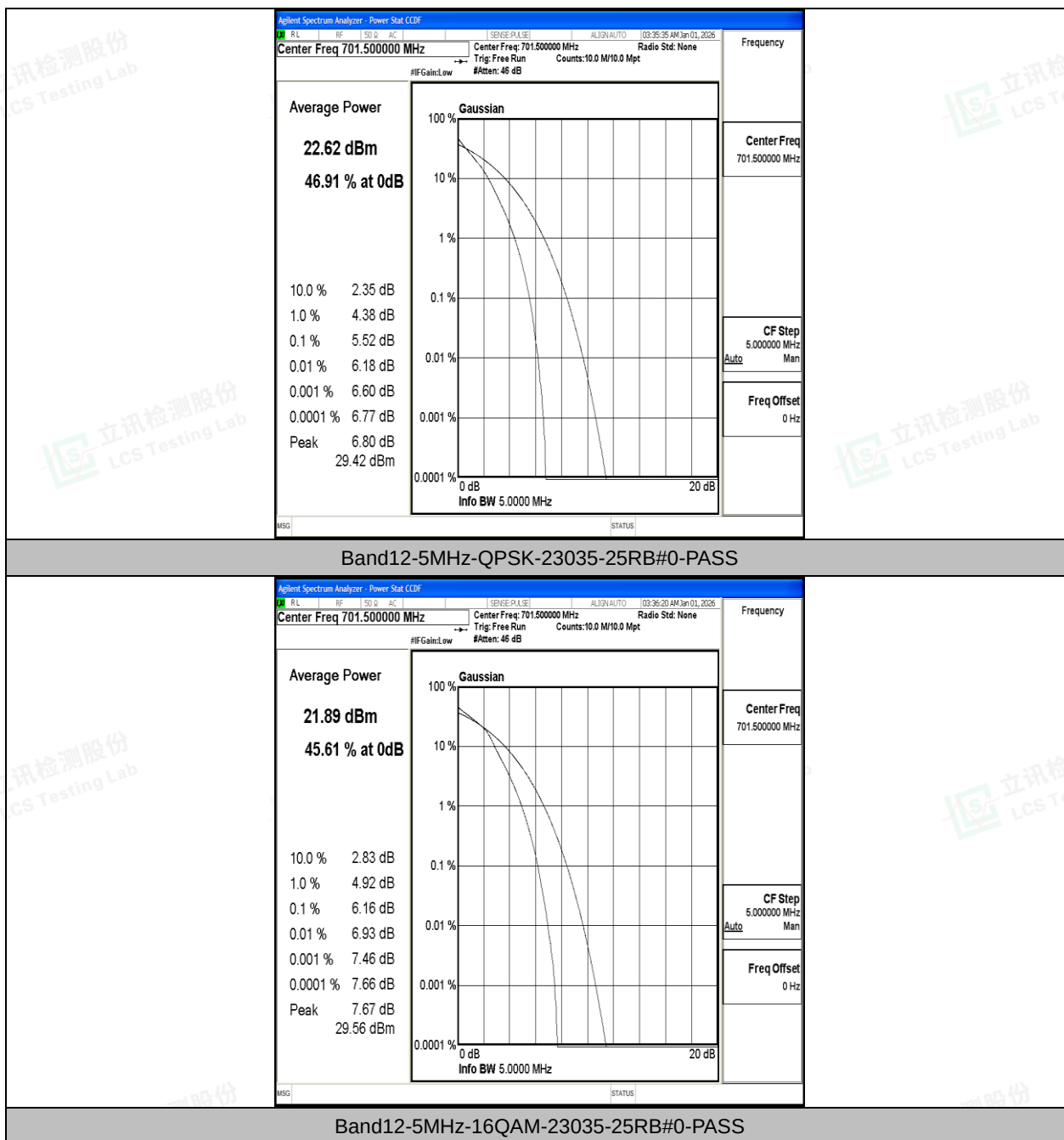


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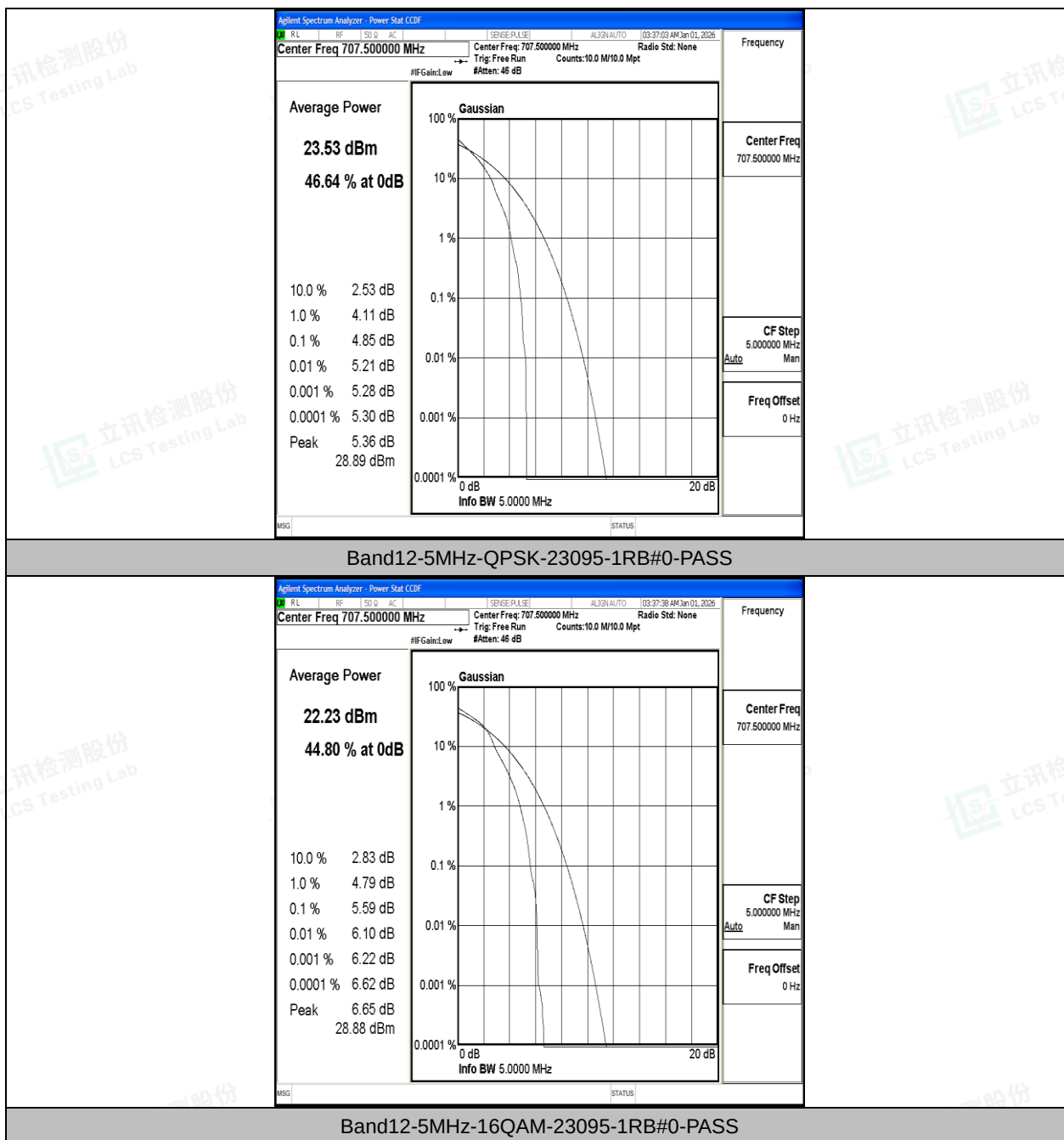


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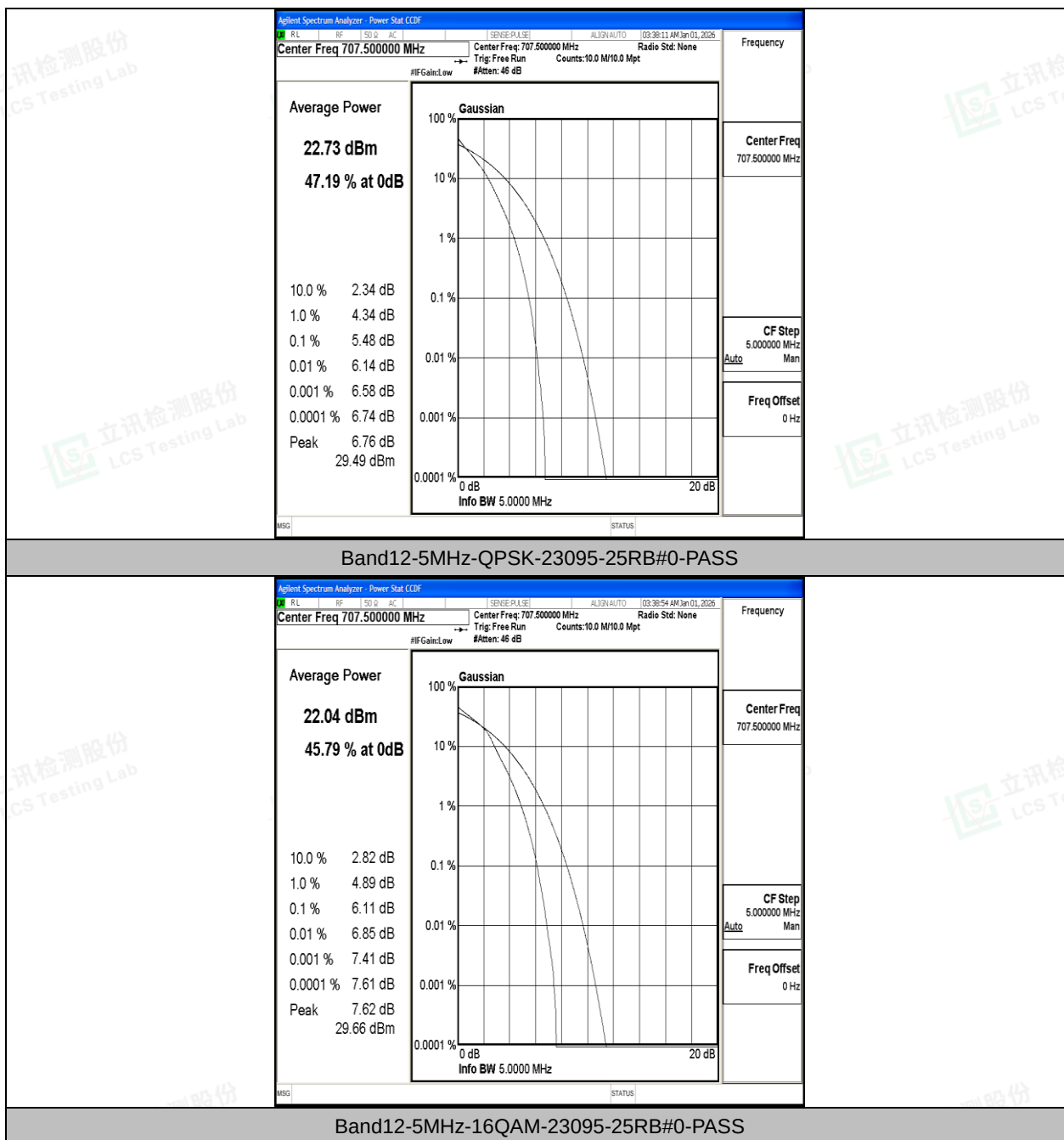


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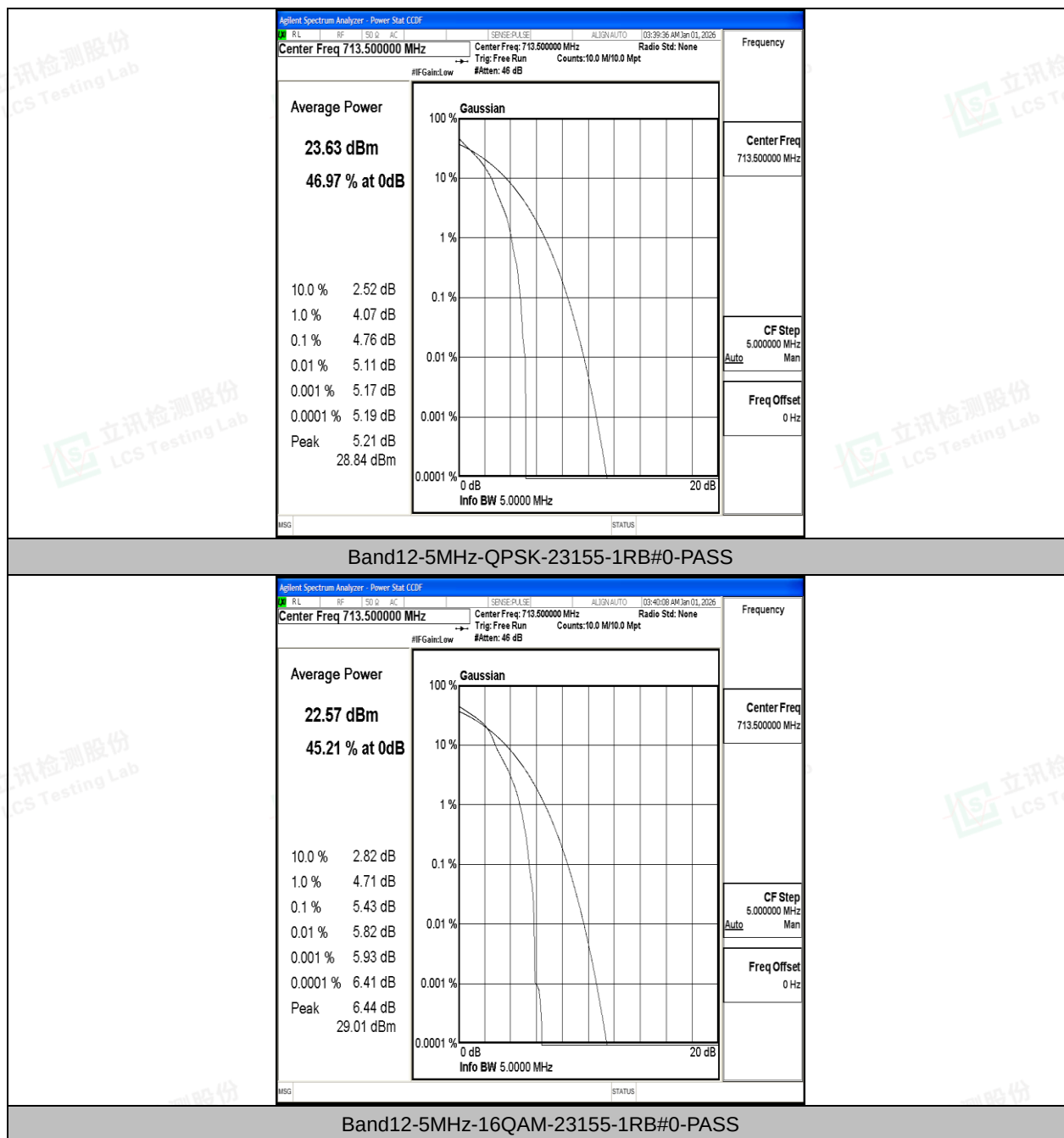


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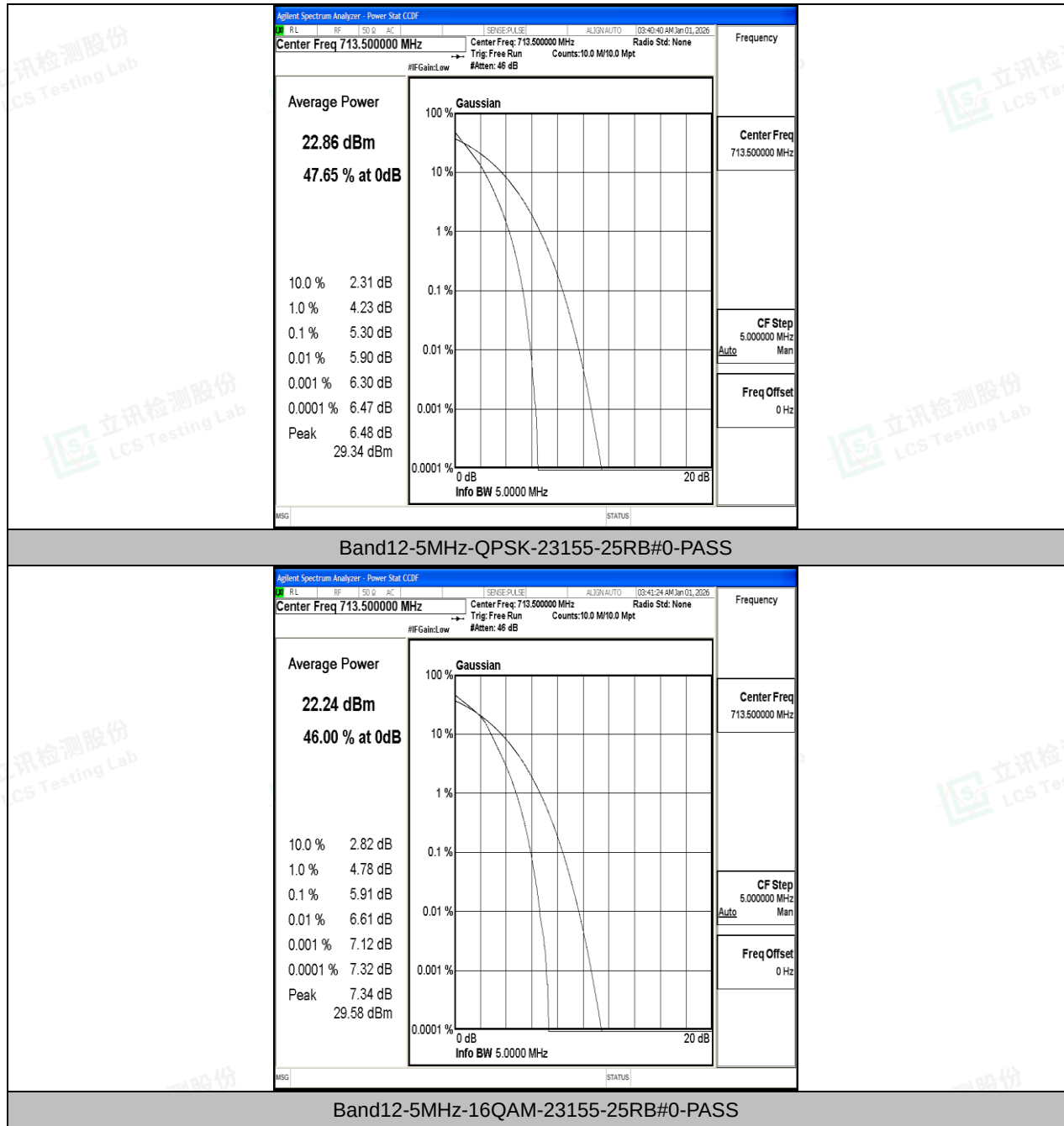


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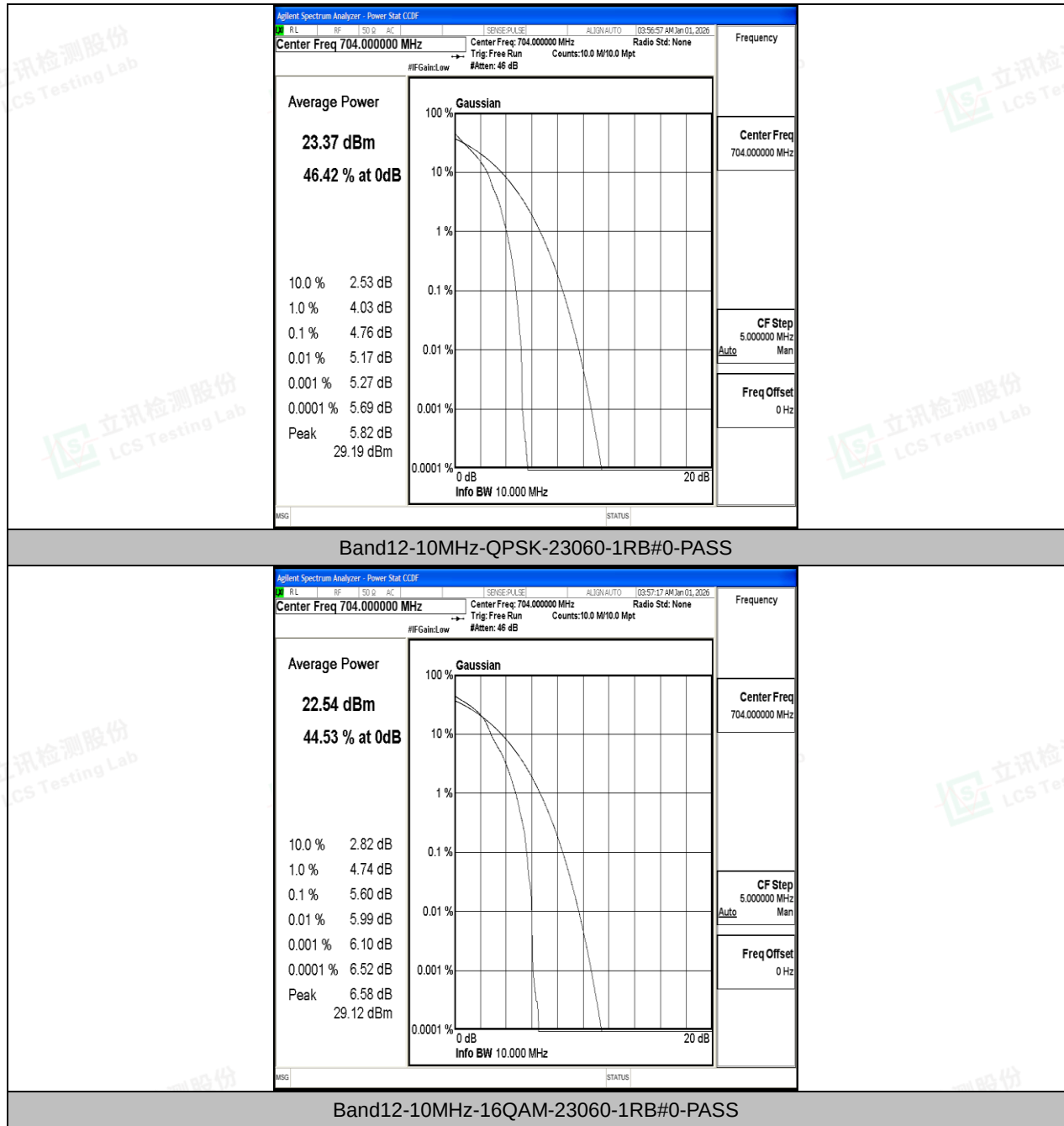


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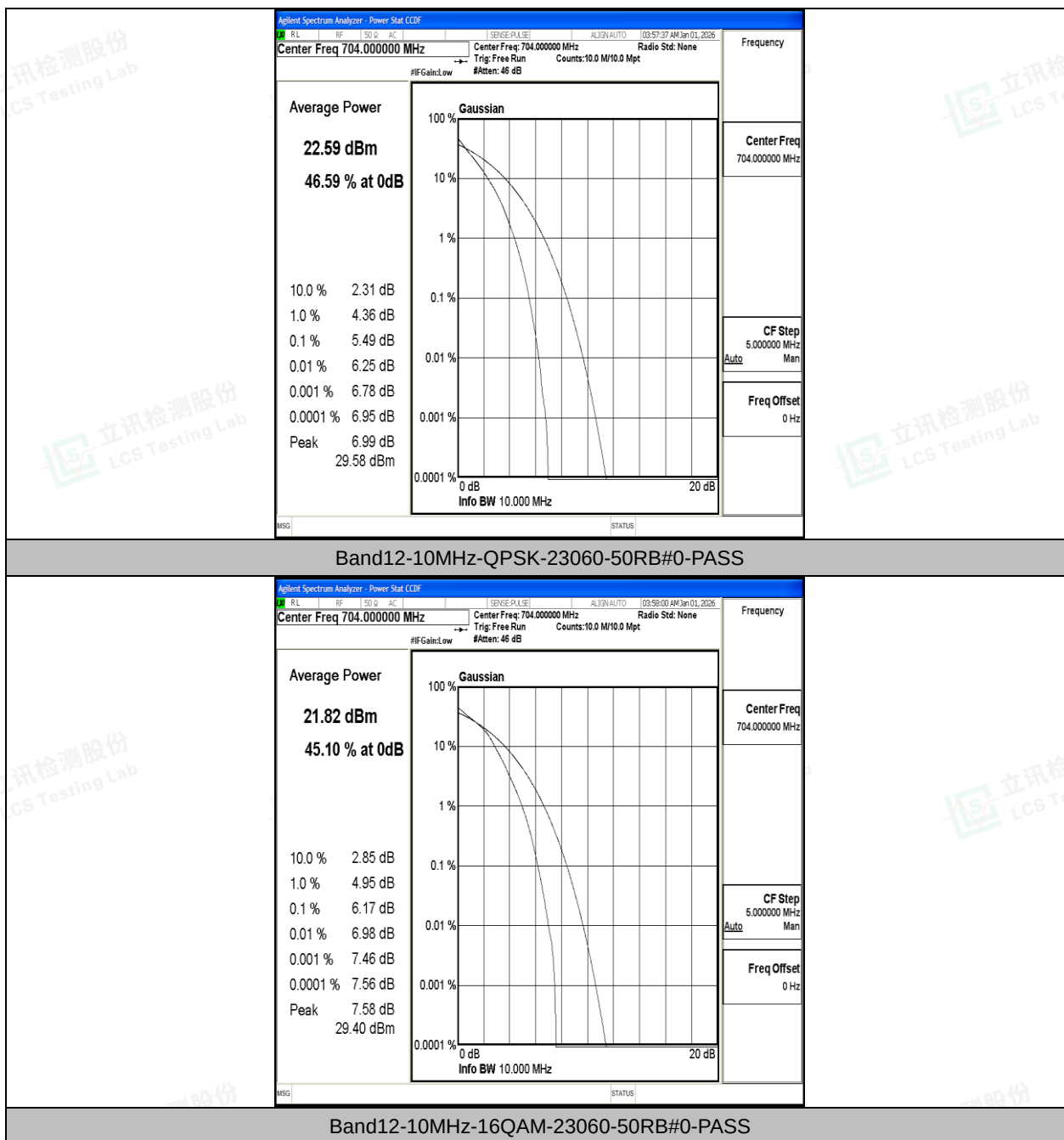


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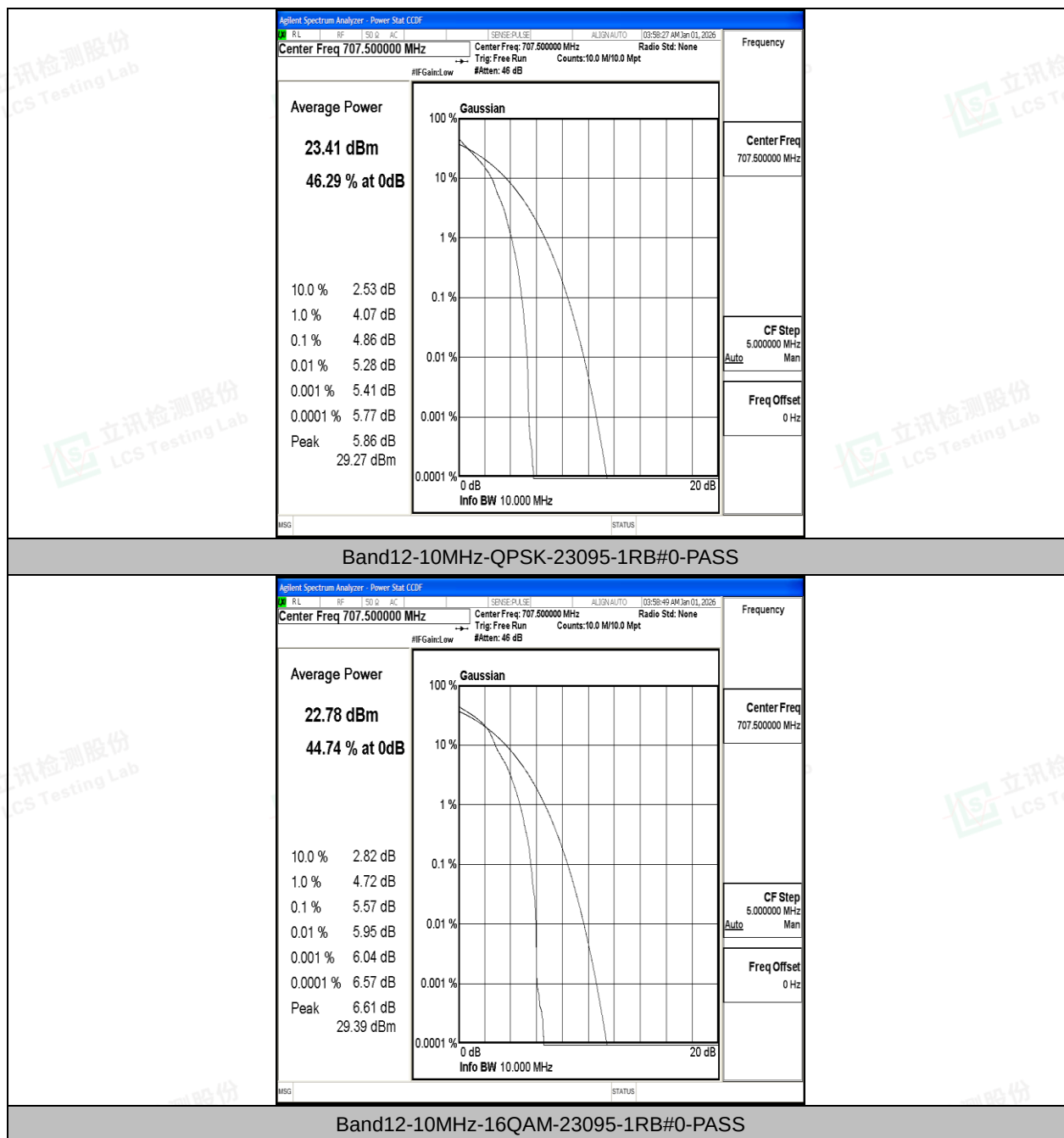


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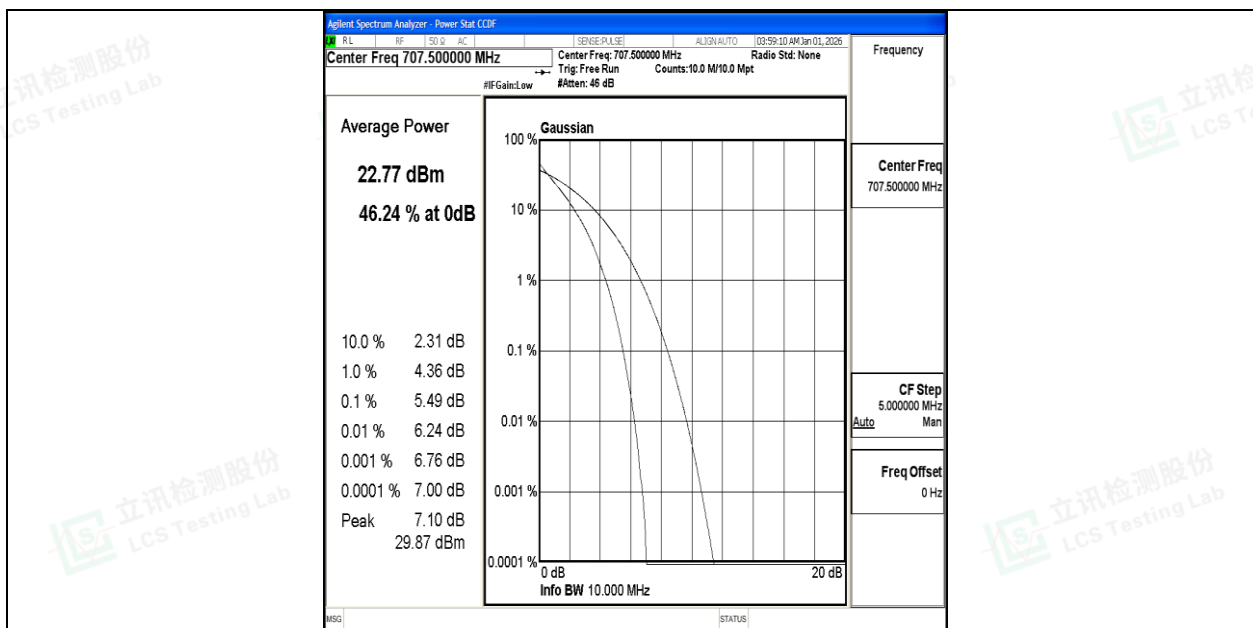


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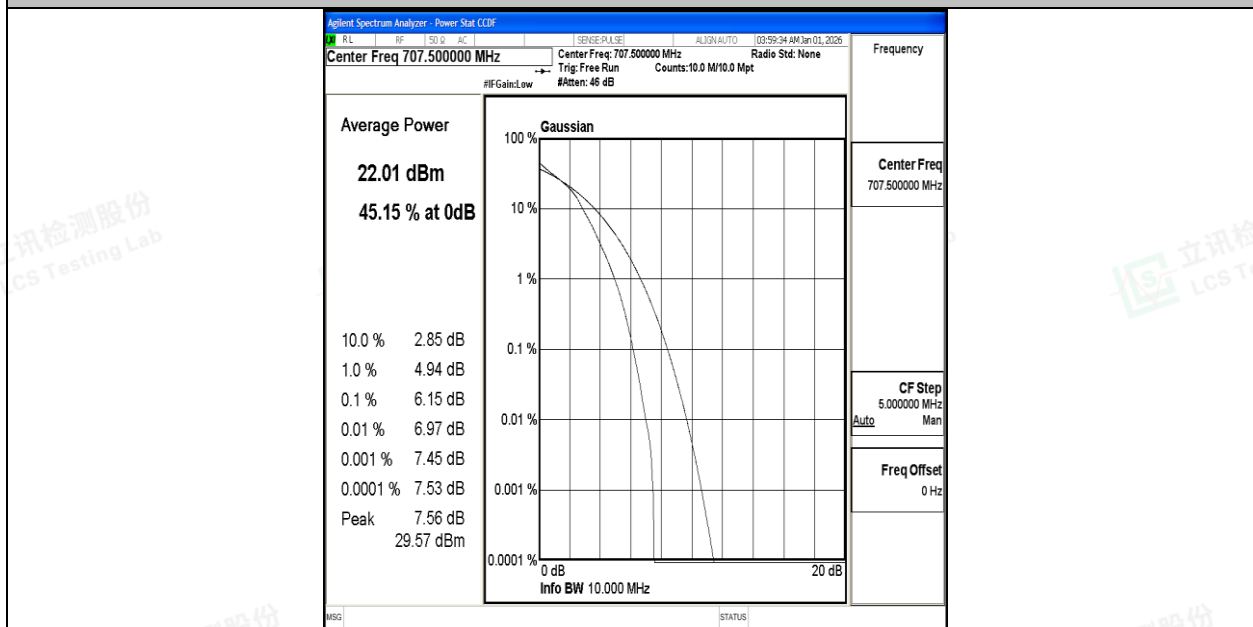
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Band12-10MHz-QPSK-23095-50RB#0-PASS



Band12-10MHz-16QAM-23095-50RB#0-PASS

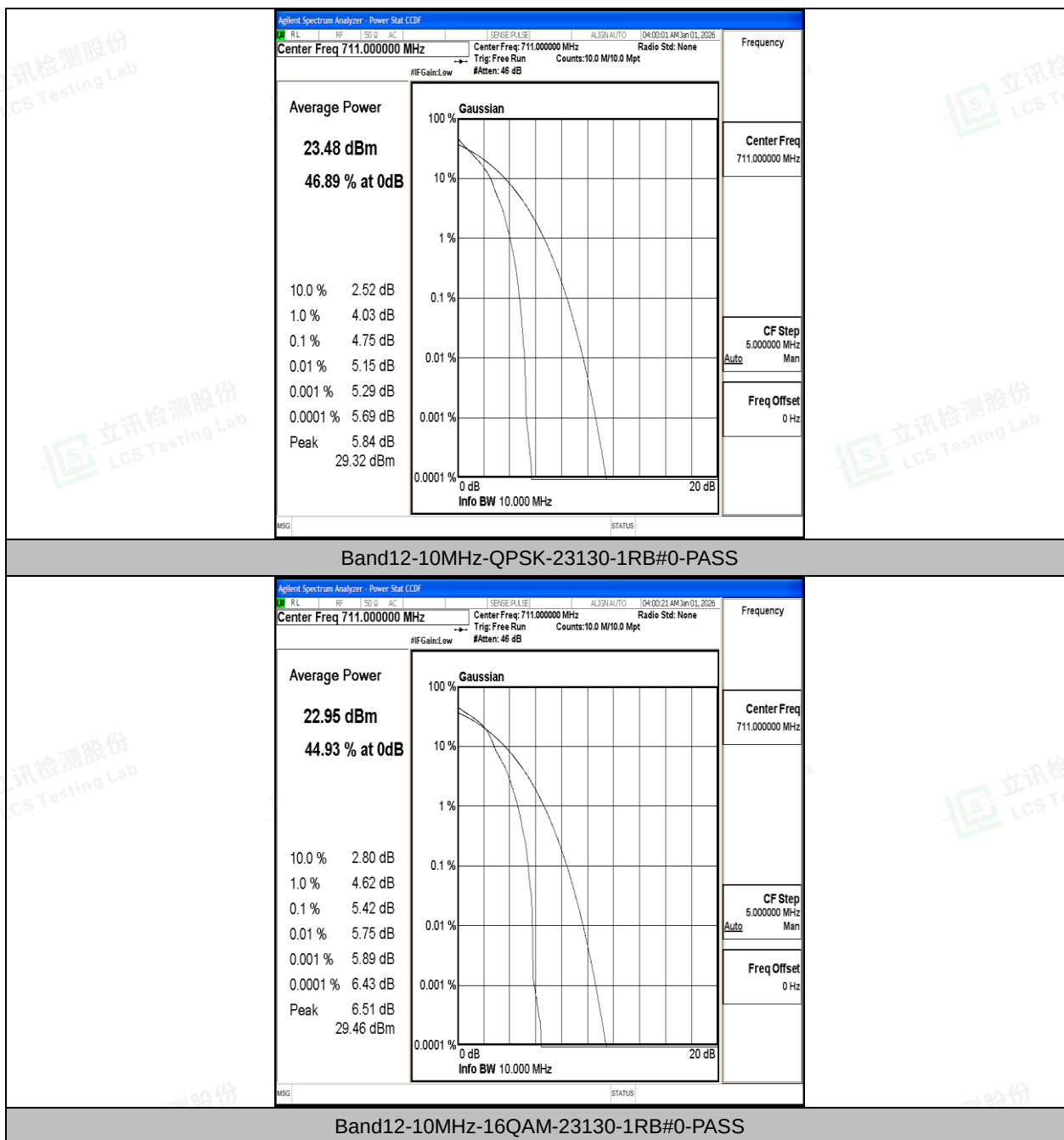


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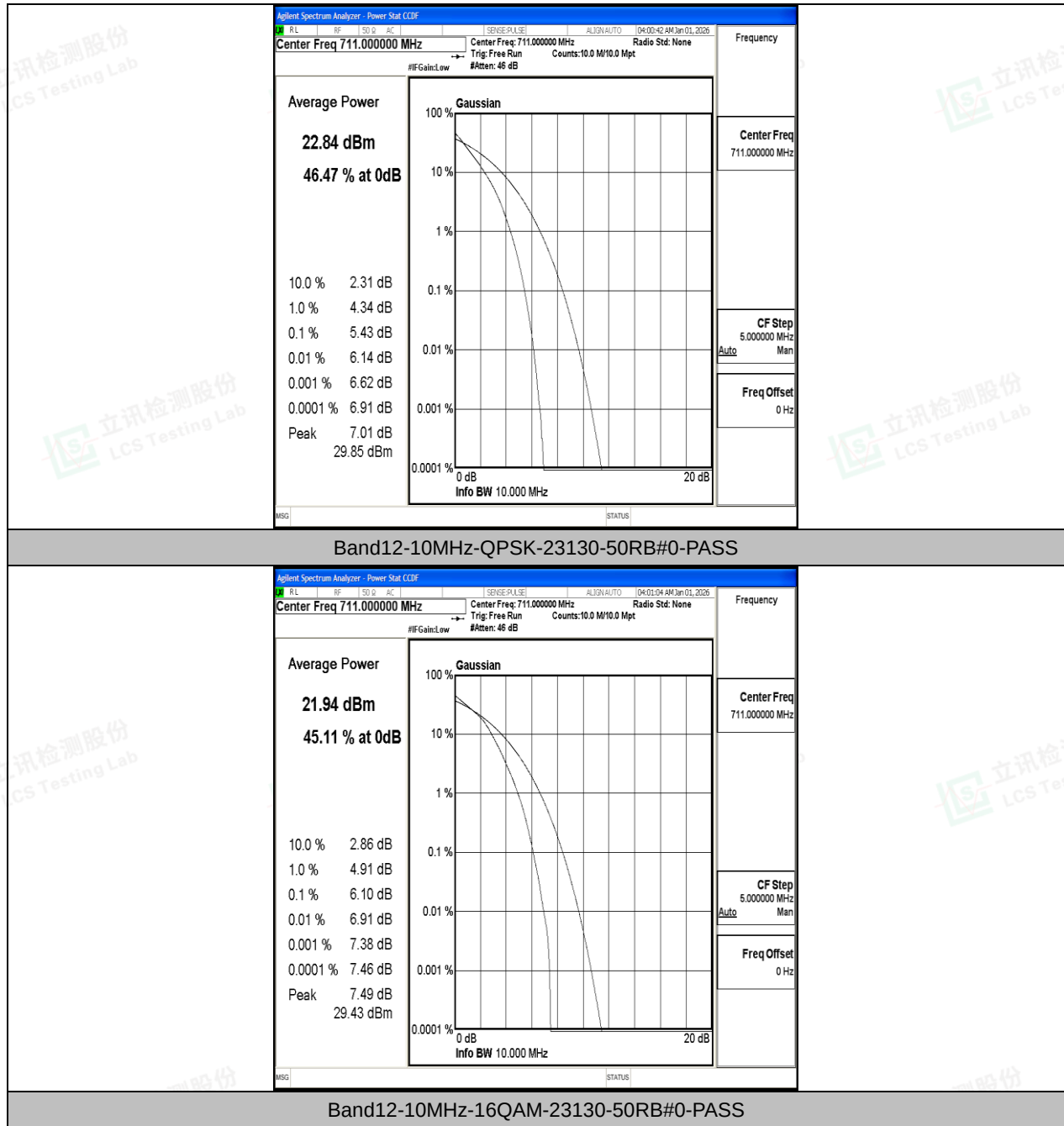


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K.3 26dB Bandwidth and Occupied Bandwidth

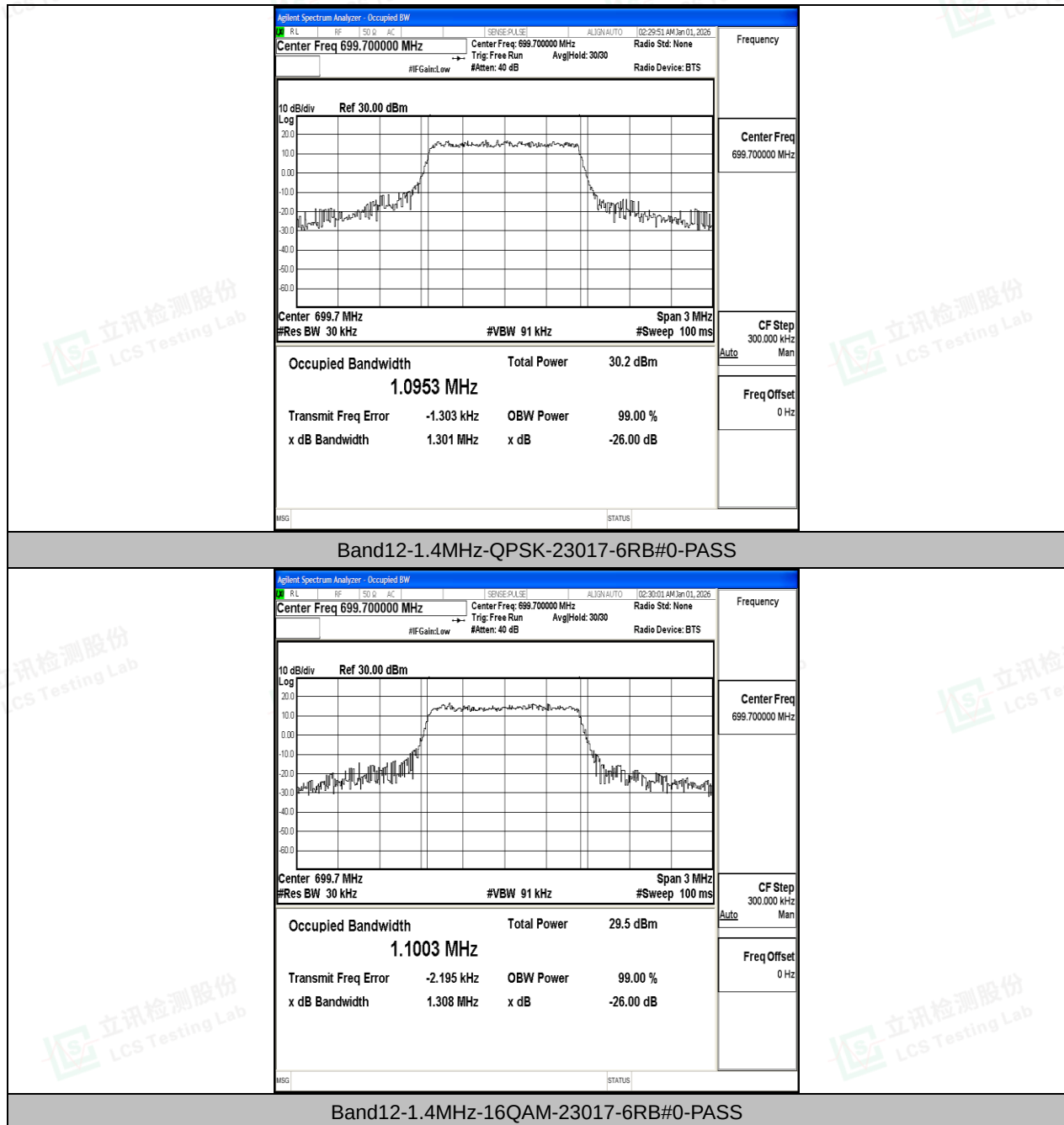
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0953	1.301	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.1003	1.308	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0971	1.292	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1046	1.274	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0922	1.277	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.1036	1.343	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7795	3.406	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.7481	3.285	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7720	3.491	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.7574	3.329	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7730	3.371	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7622	3.248	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5260	5.308	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5195	5.320	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5251	5.215	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5232	5.276	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5299	5.270	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5276	5.304	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9874	10.02	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9558	9.909	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9967	10.12	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9805	10.06	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9916	10.04	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9926	10.14	PASS





Test Graphs

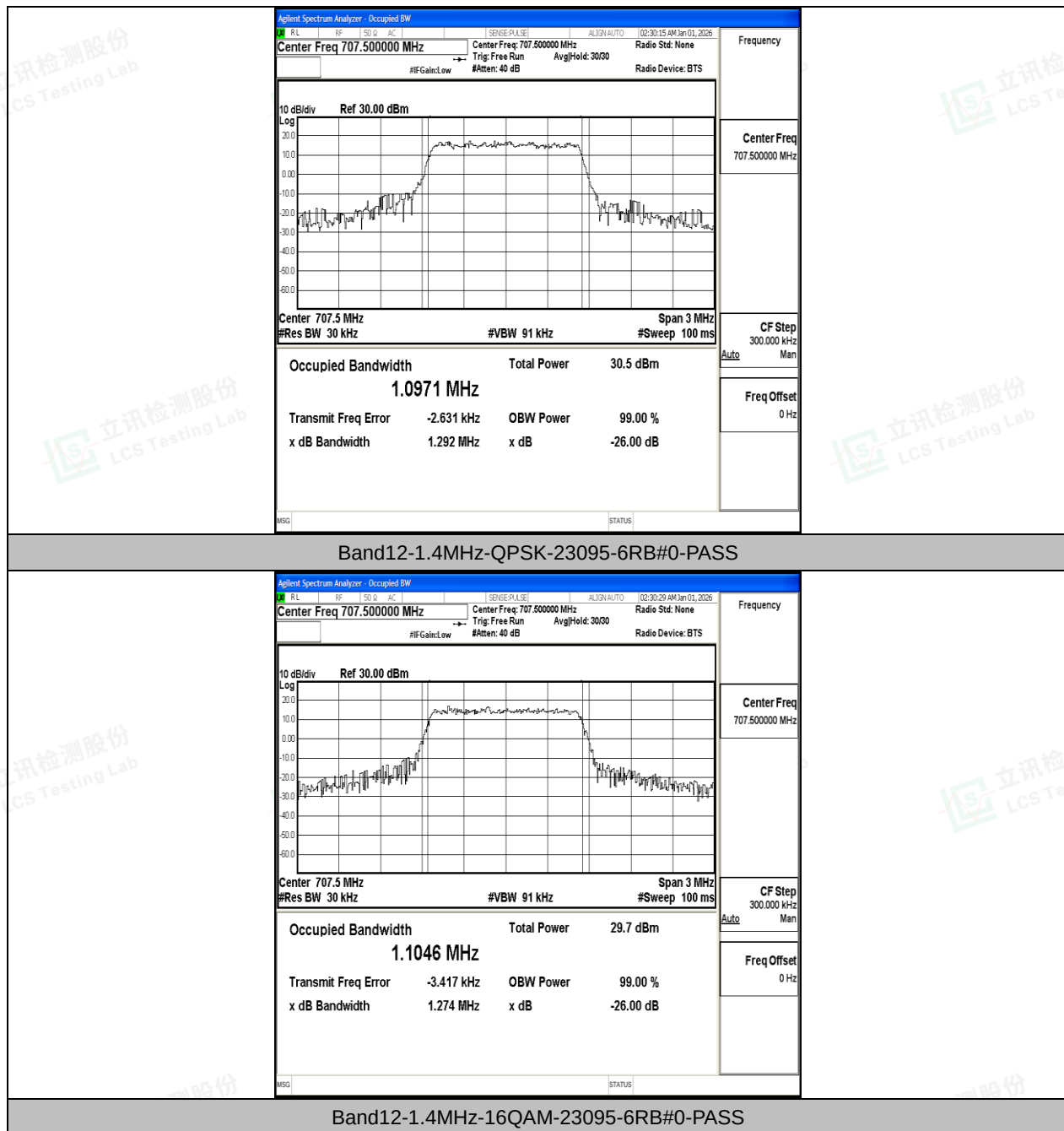


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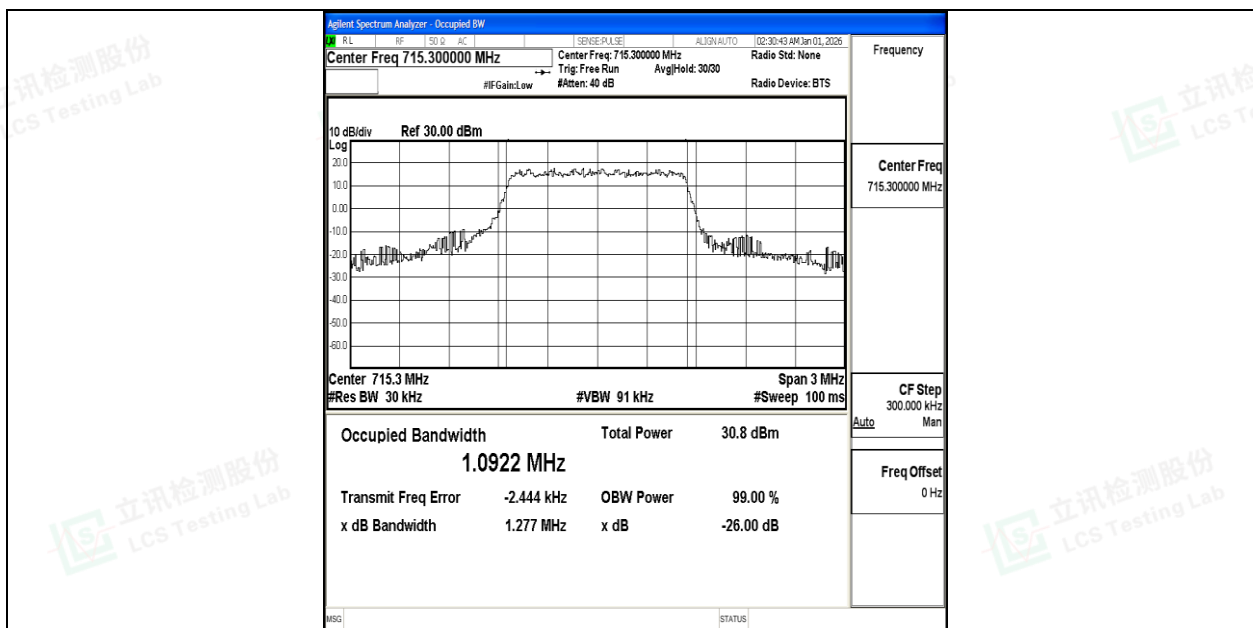


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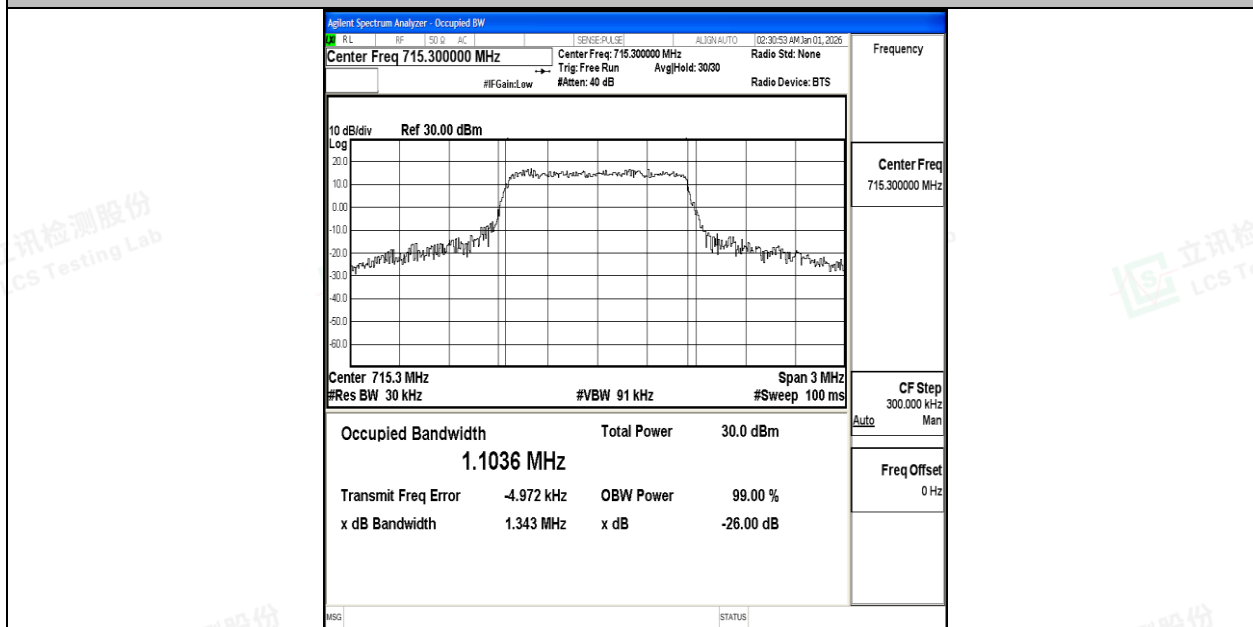
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Band12-1.4MHz-QPSK-23173-6RB#0-PASS



Band12-1.4MHz-16QAM-23173-6RB#0-PASS

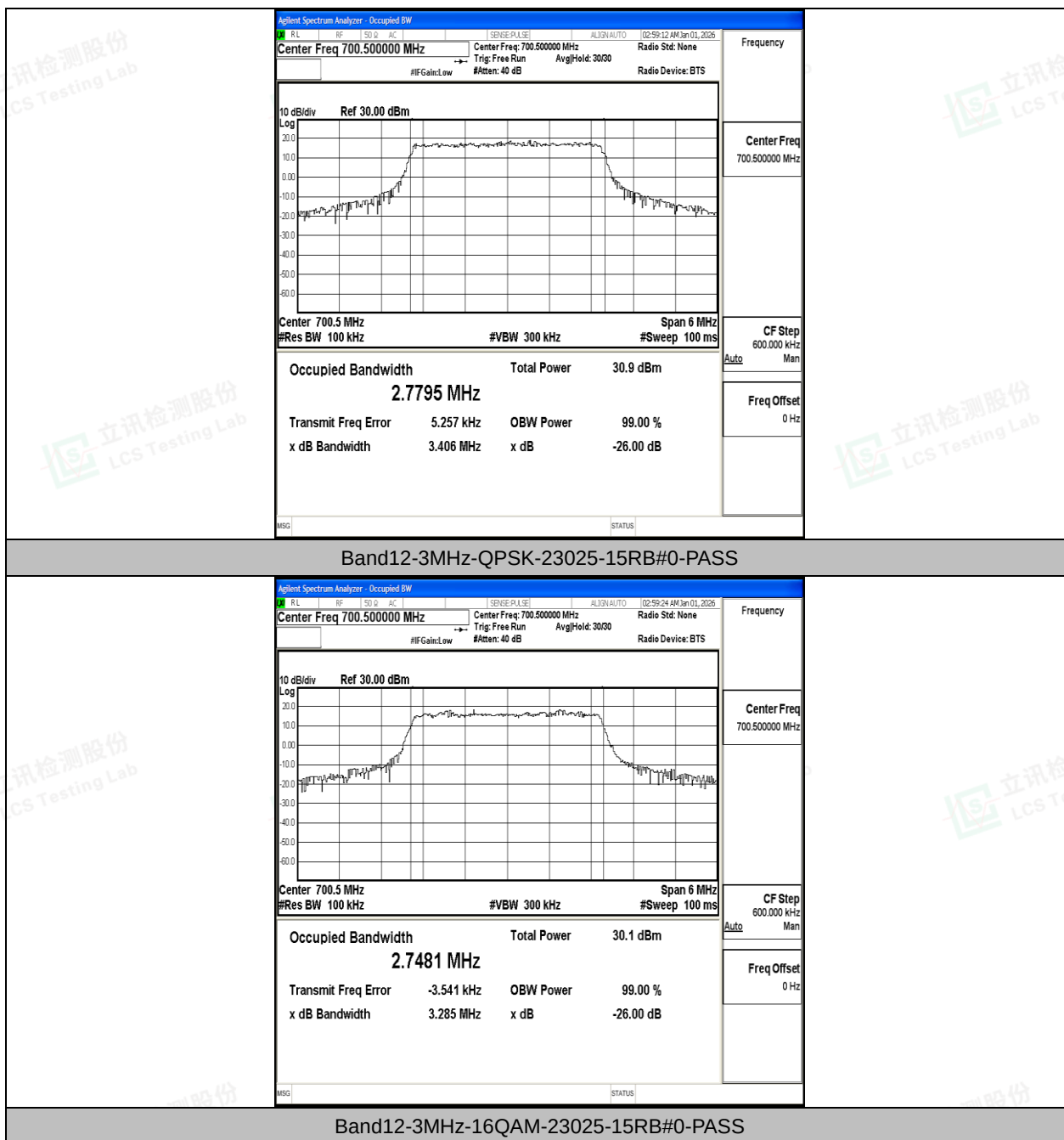


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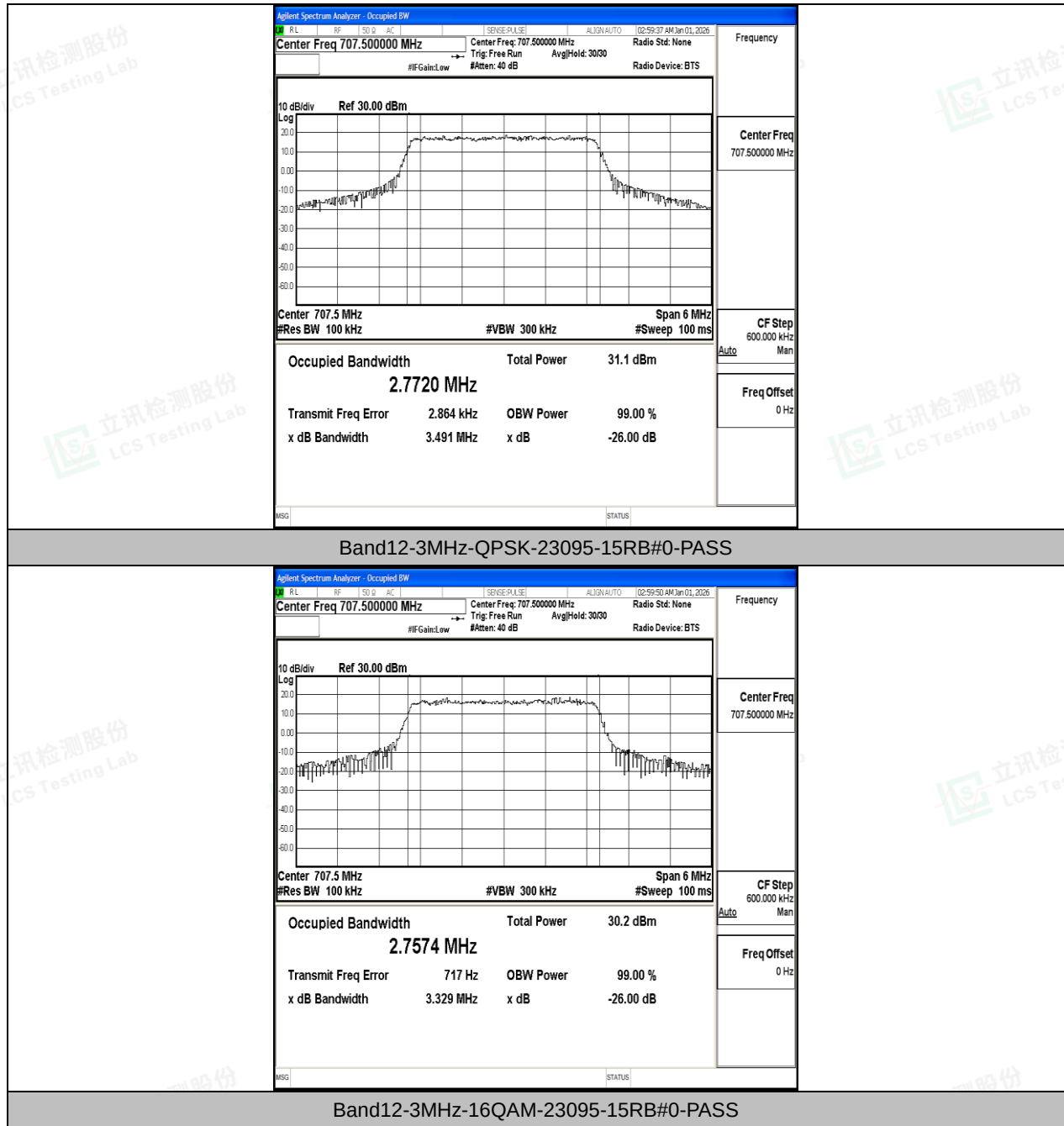


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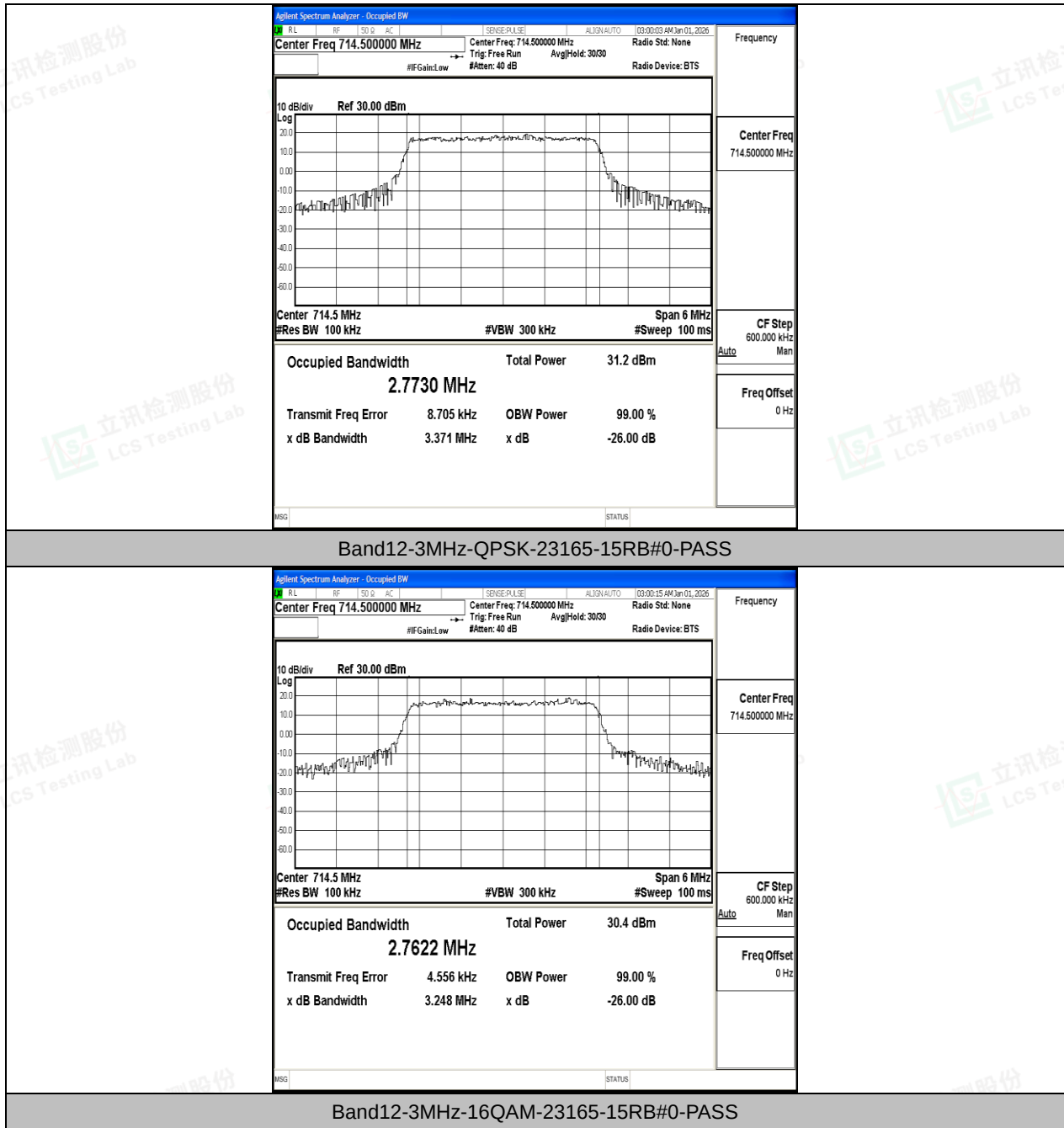


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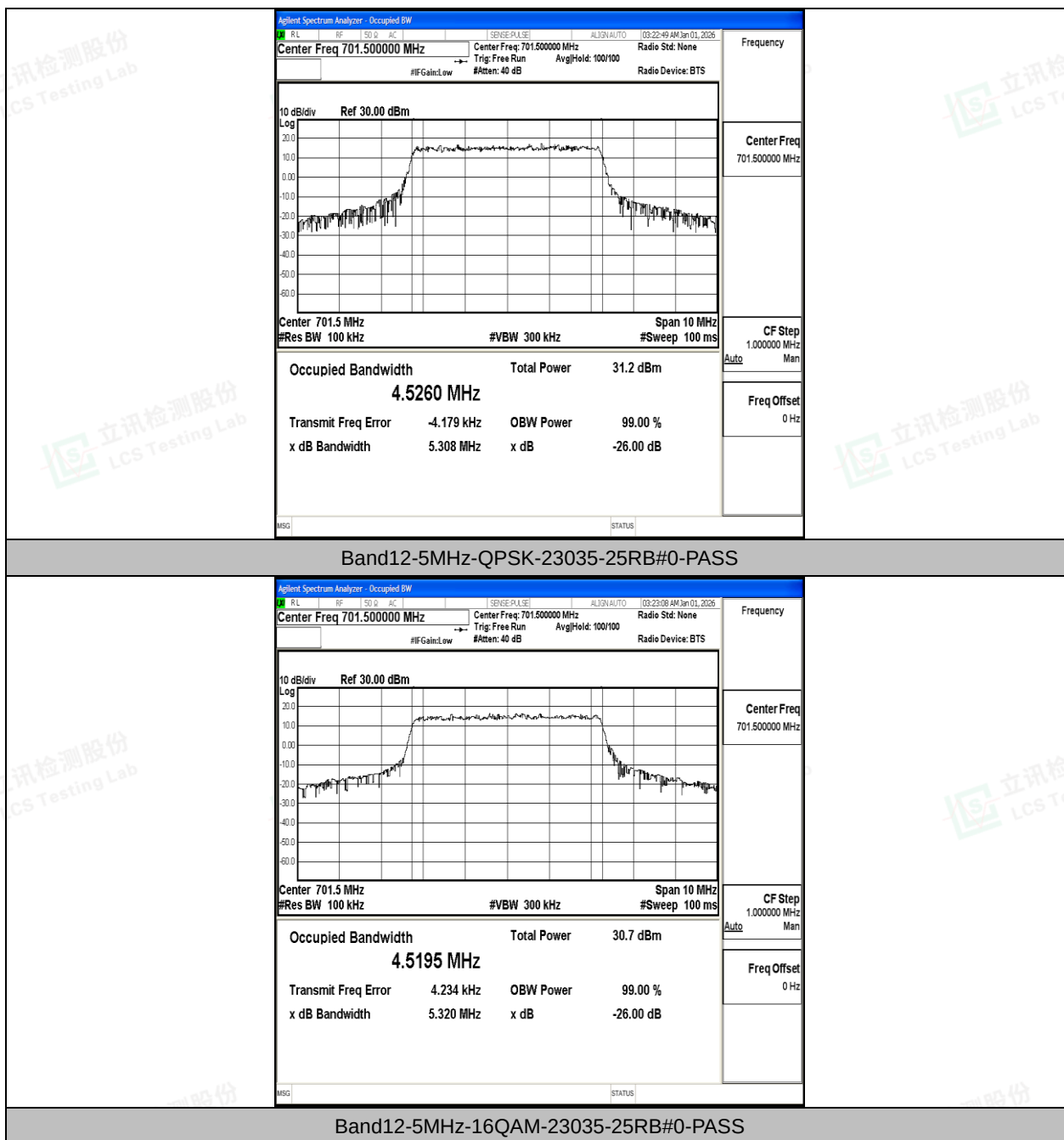


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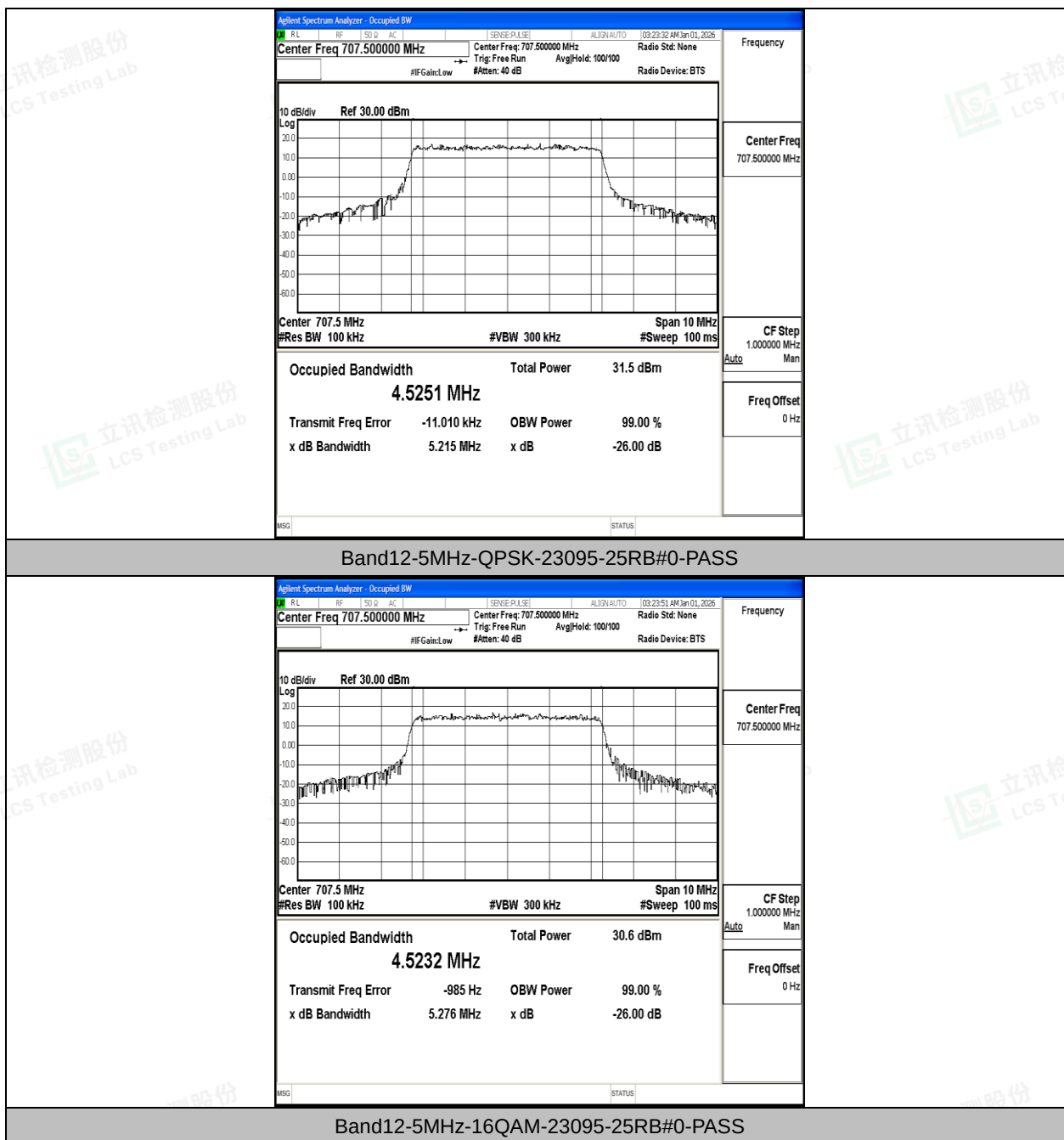


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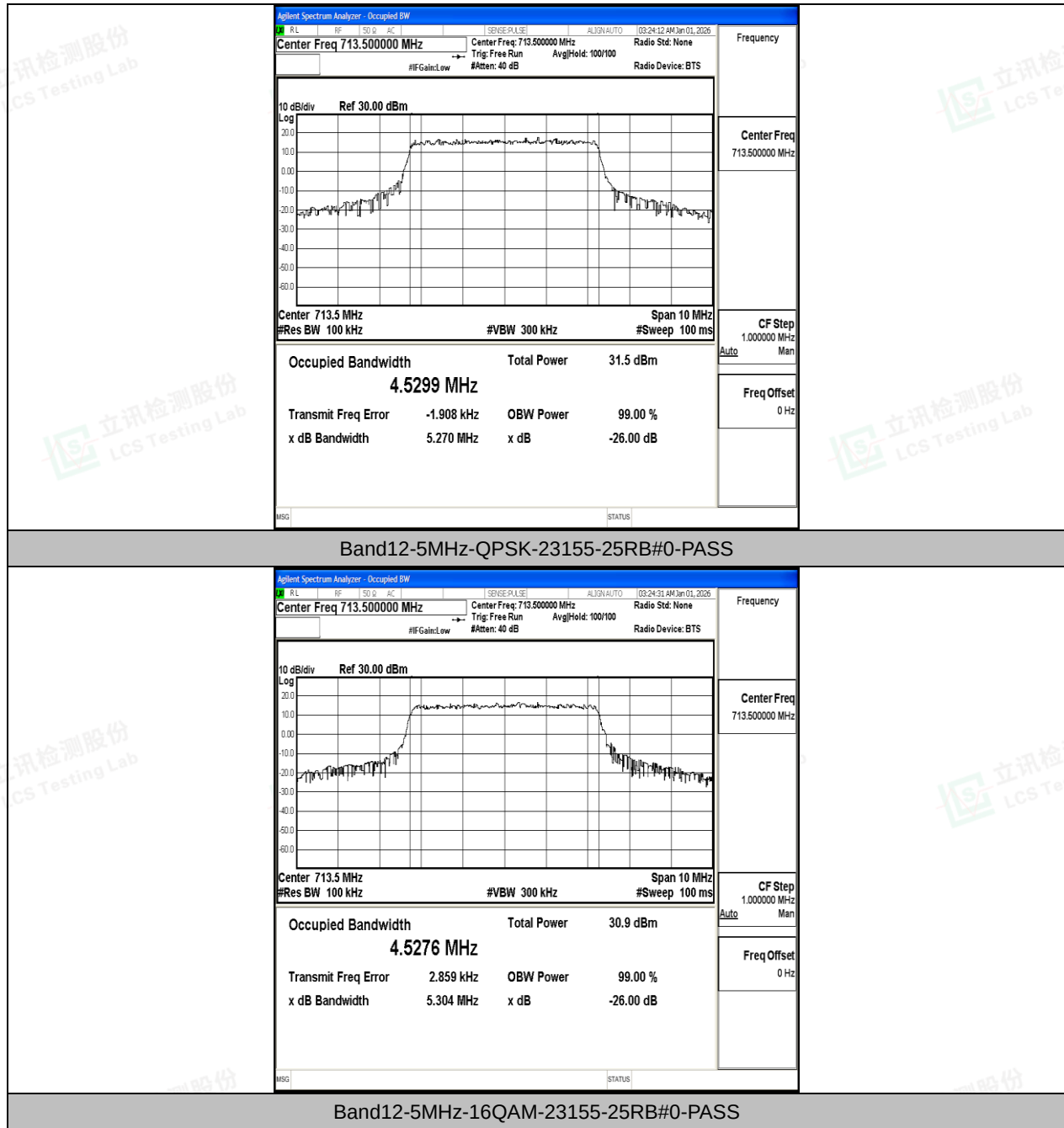


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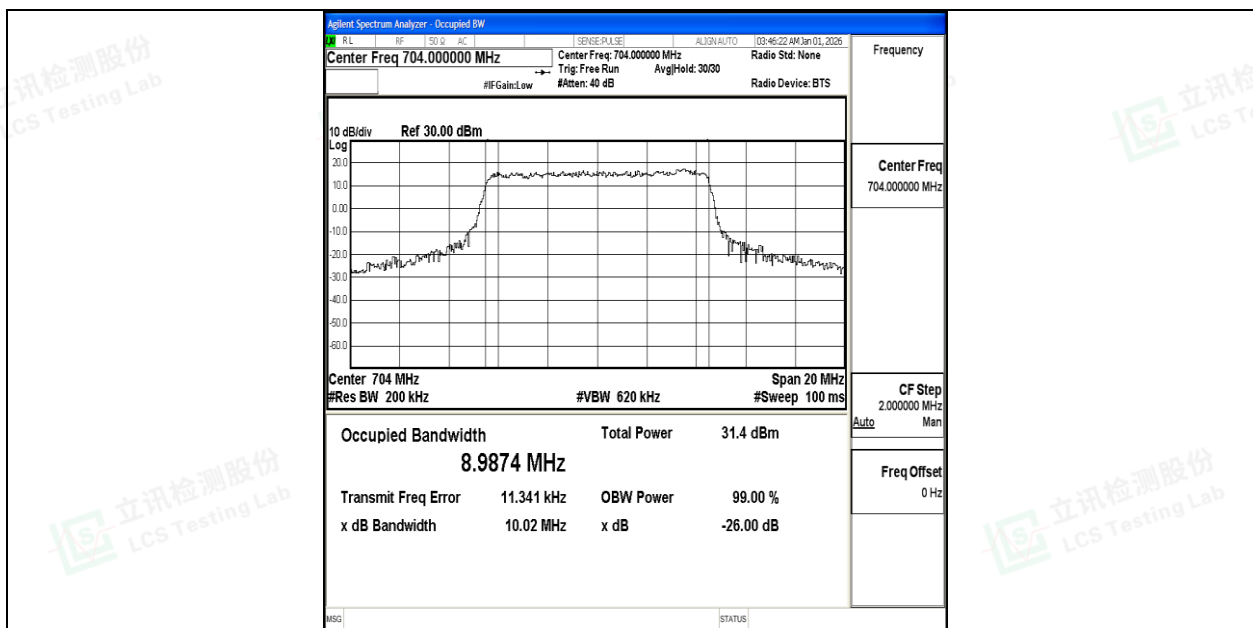


Shenzhen LCS Compliance Testing Laboratory Ltd.

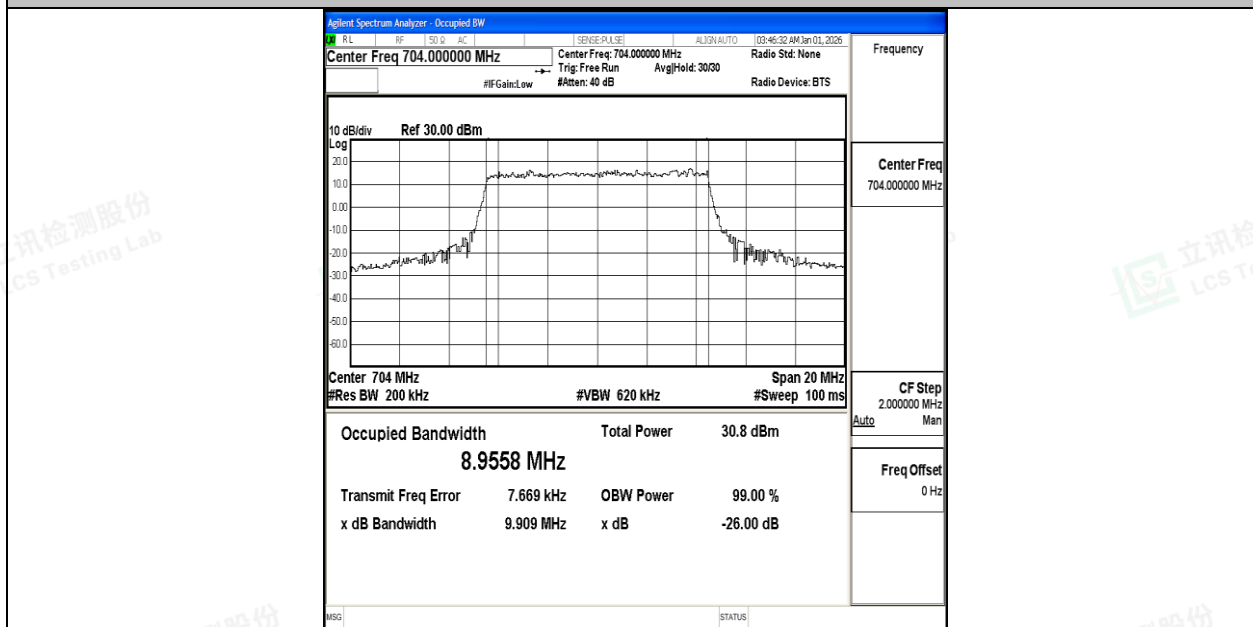
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Band12-10MHz-QPSK-23060-50RB#0-PASS



Band12-10MHz-16QAM-23060-50RB#0-PASS

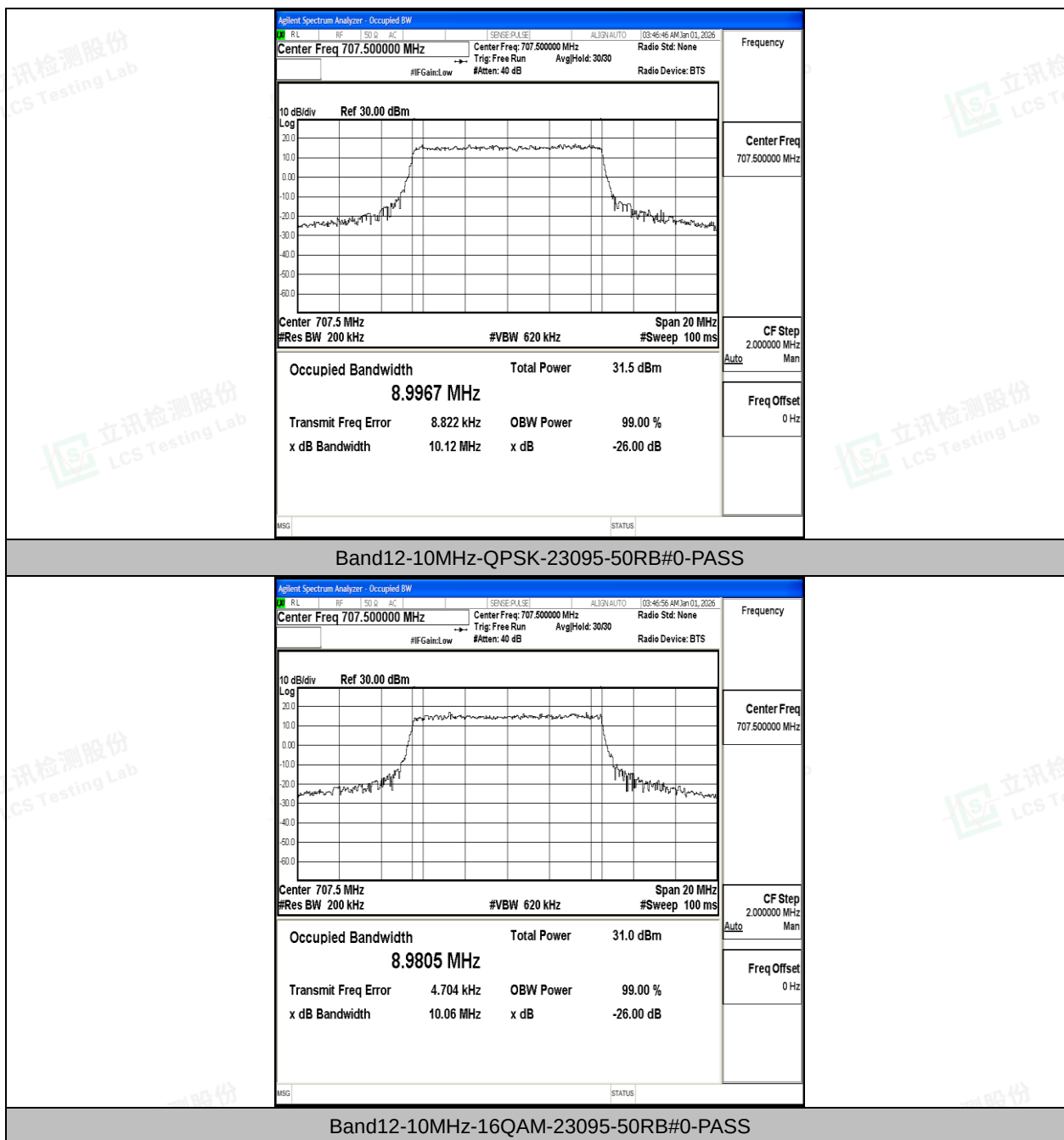


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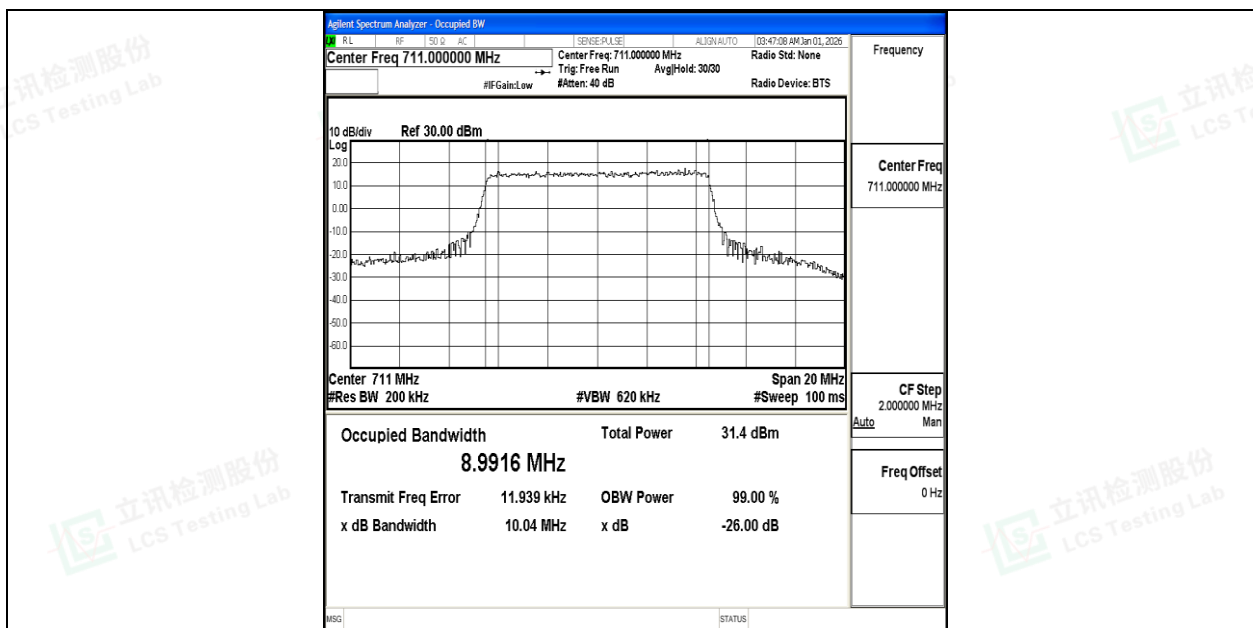


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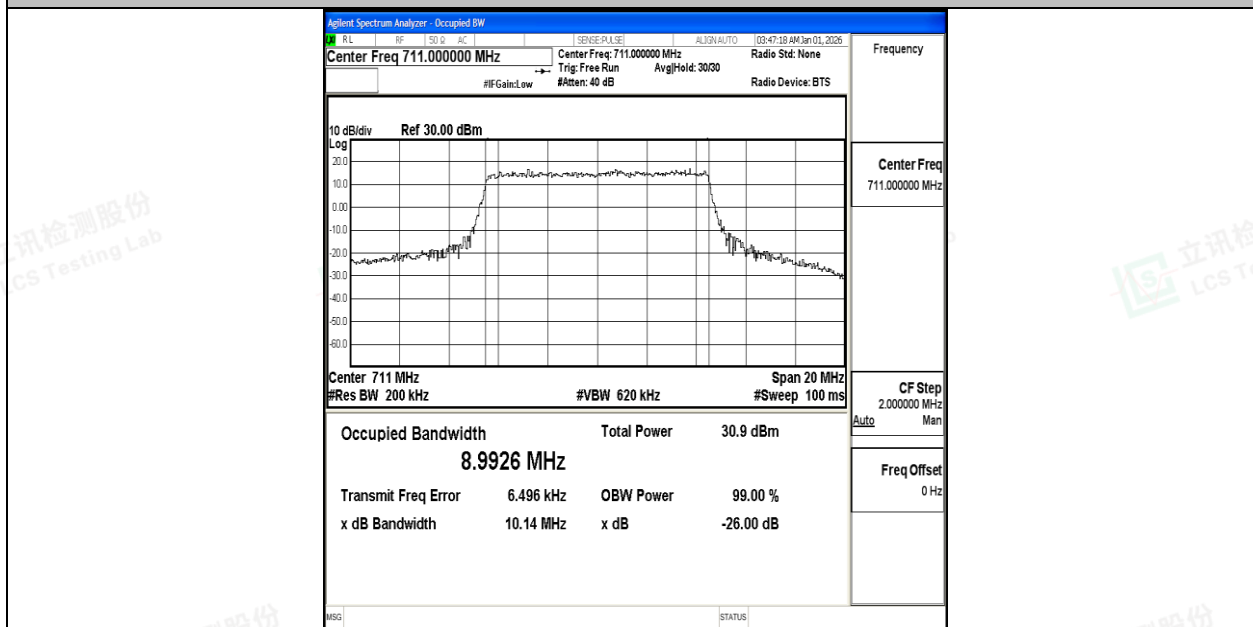
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Band12-10MHz-QPSK-23130-50RB#0-PASS



Band12-10MHz-16QAM-23130-50RB#0-PASS



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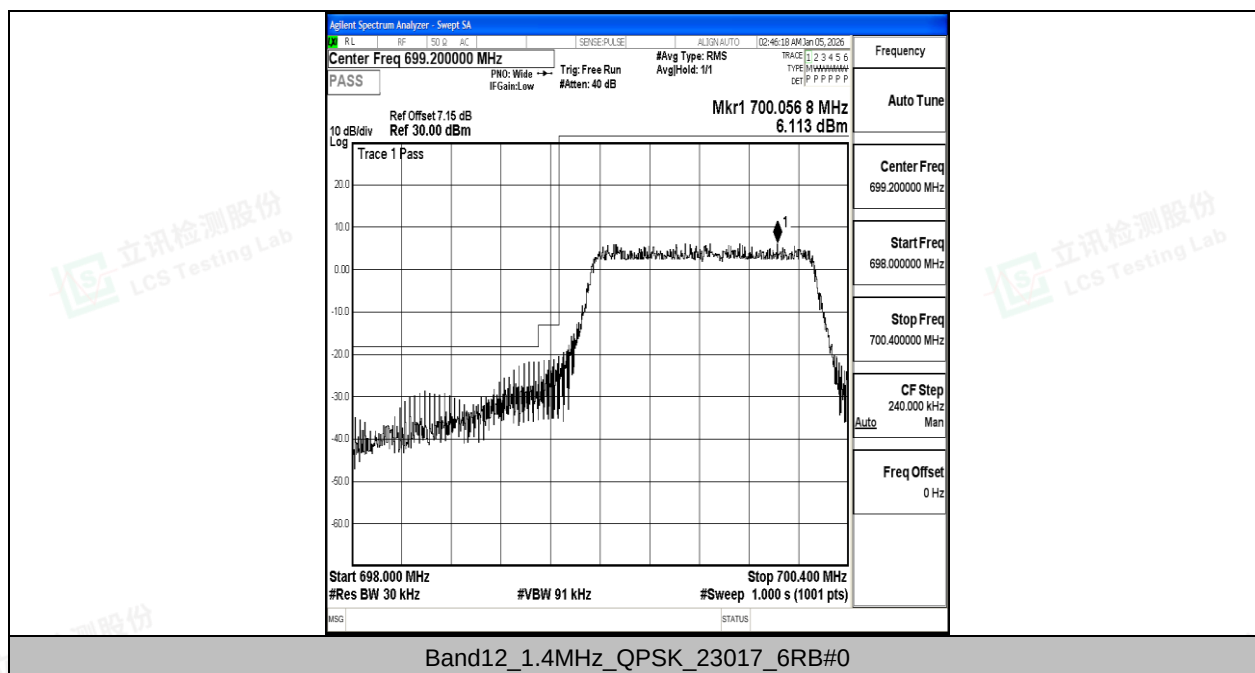


K.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	698.86	-21.74	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	698.89	-24.65	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	716.21	-23.72	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	716.10	-24.62	PASS
Band12	3MHz	QPSK	23025	15RB#0	698.87	-26.58	PASS
Band12	3MHz	16QAM	23025	15RB#0	698.74	-28.15	PASS
Band12	3MHz	QPSK	23165	15RB#0	716.10	-25.04	PASS
Band12	3MHz	16QAM	23165	15RB#0	716.12	-28.53	PASS
Band12	5MHz	QPSK	23035	25RB#0	698.88	-29.67	PASS
Band12	10MHz	QPSK	23060	50RB#0	698.70	-26.61	PASS
Band12	10MHz	16QAM	23060	50RB#0	698.72	-28.35	PASS
Band12	10MHz	QPSK	23130	50RB#0	716.12	-25.71	PASS
Band12	10MHz	16QAM	23130	50RB#0	716.20	-25.87	PASS
Band12	5MHz	16QAM	23035	25RB#0	698.87	-29.89	PASS
Band12	5MHz	QPSK	23155	25RB#0	716.11	-30.07	PASS
Band12	5MHz	16QAM	23155	25RB#0	716.10	-27.83	PASS

Test Graphs

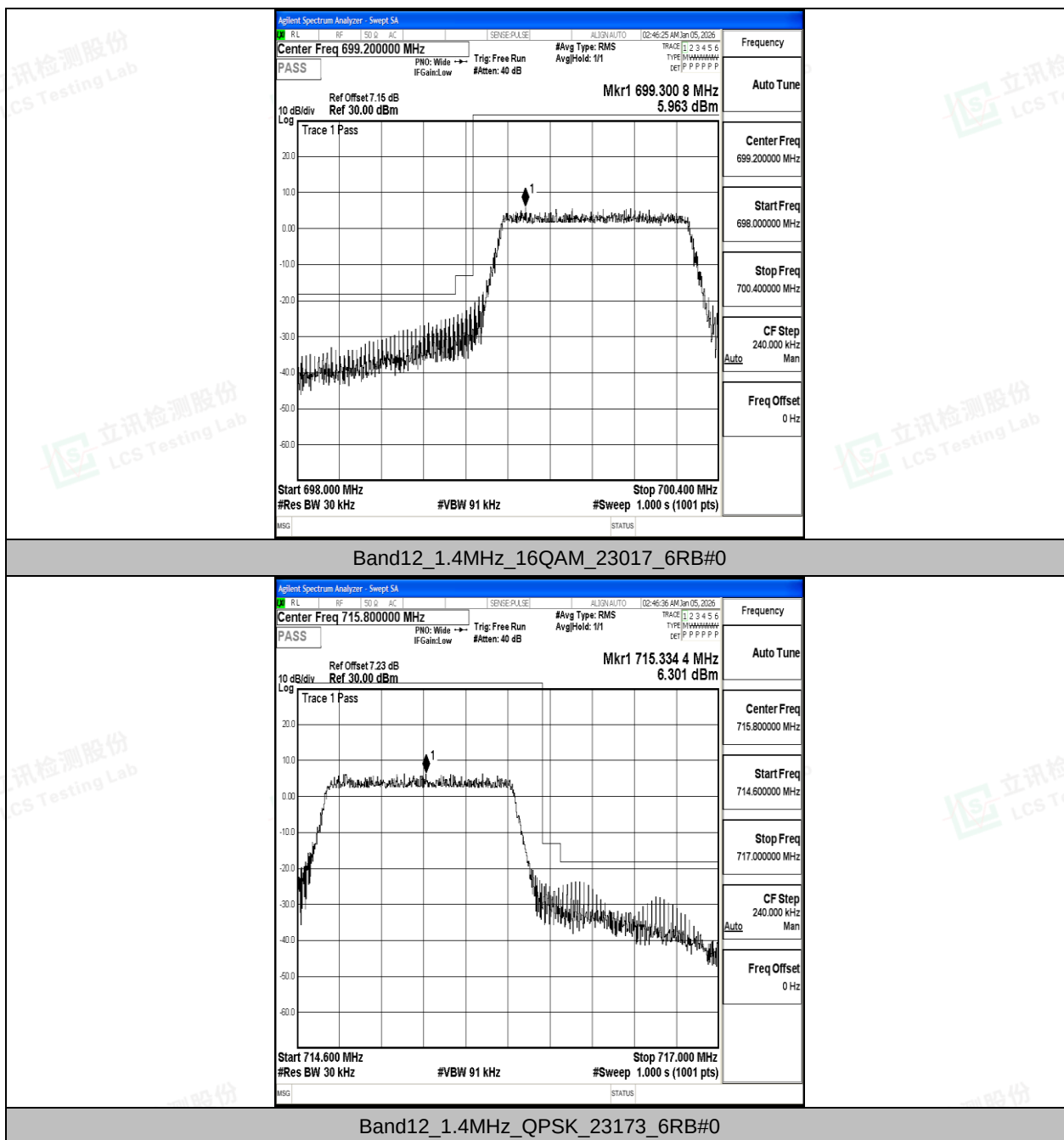


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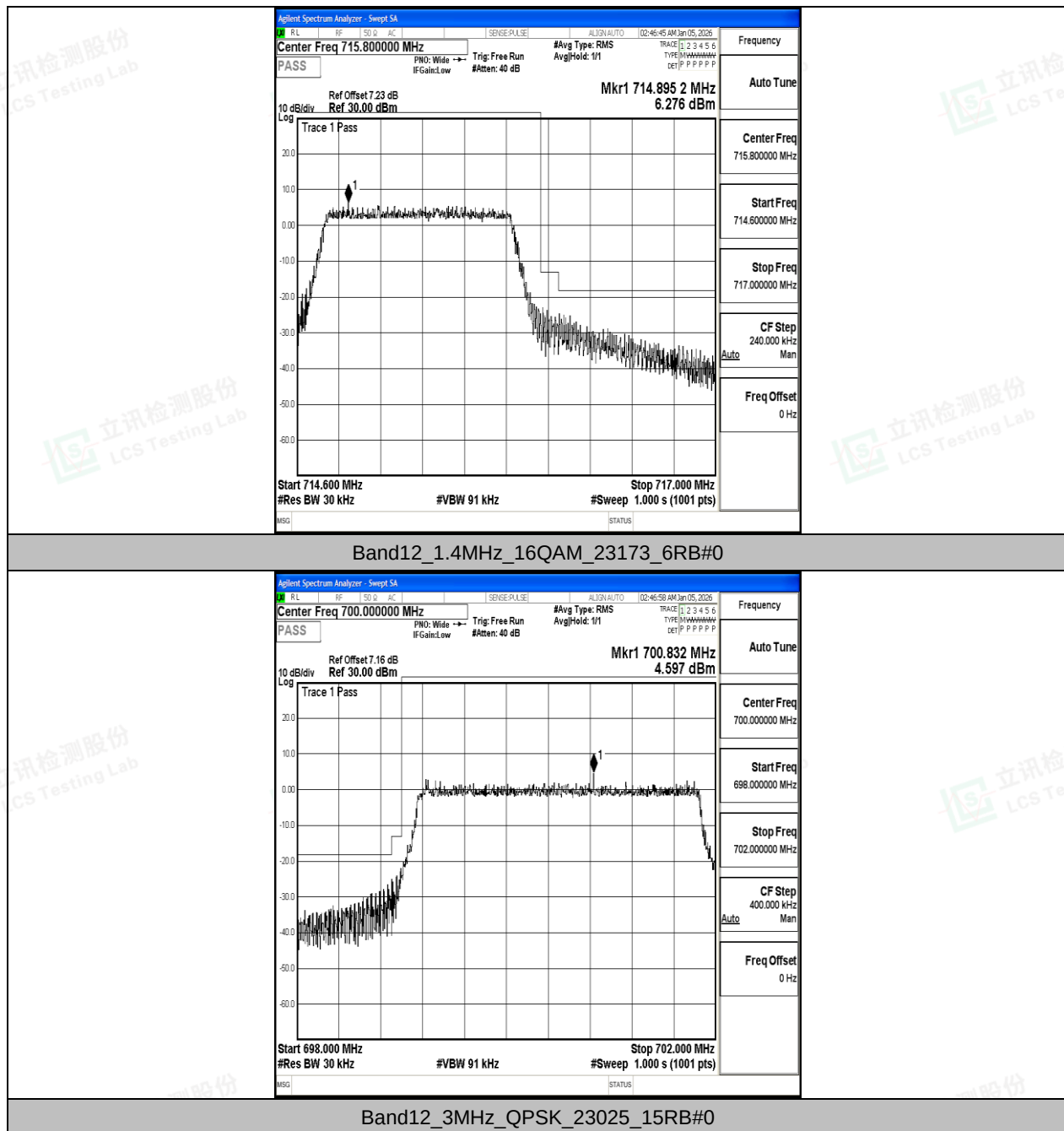


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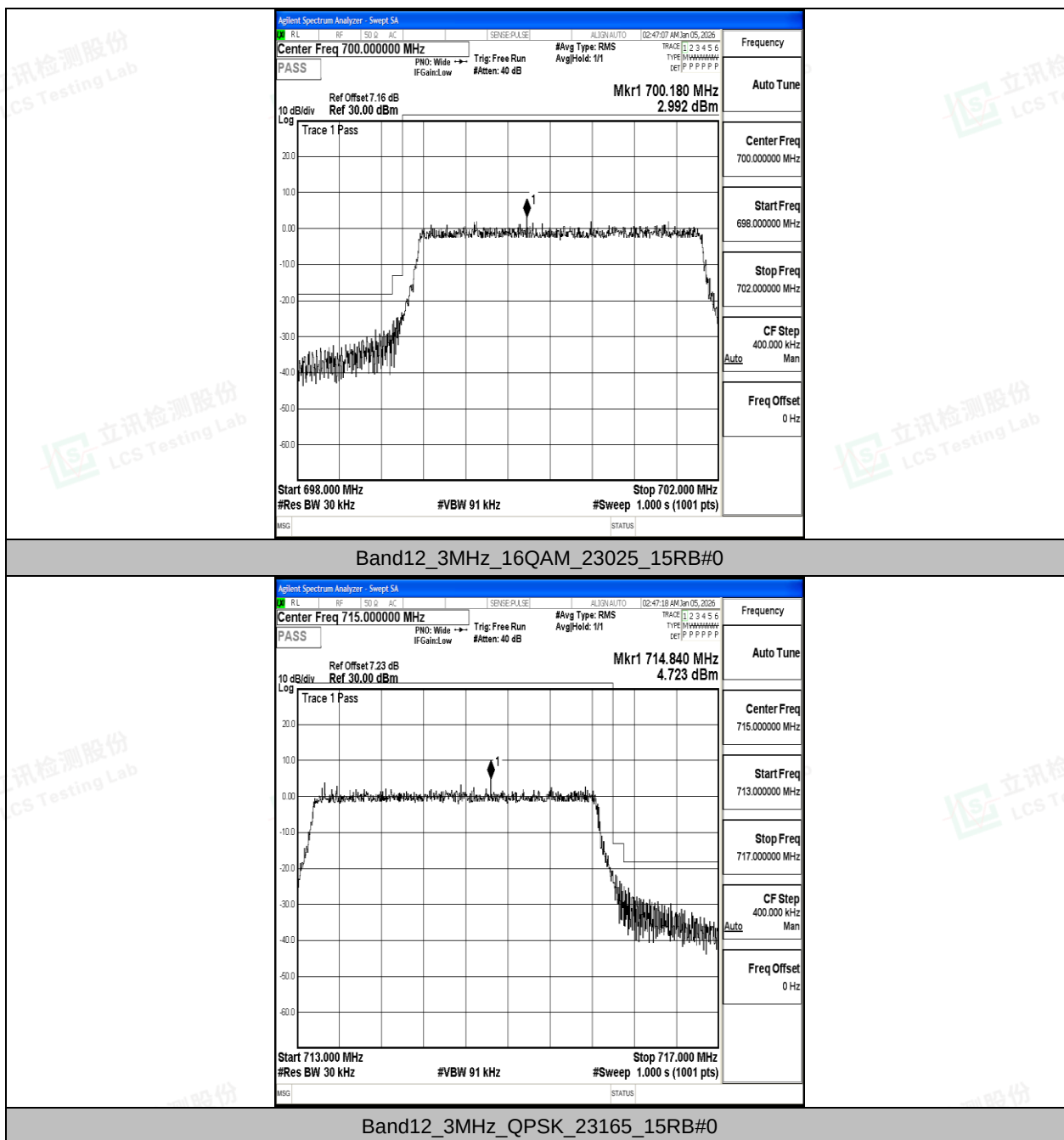


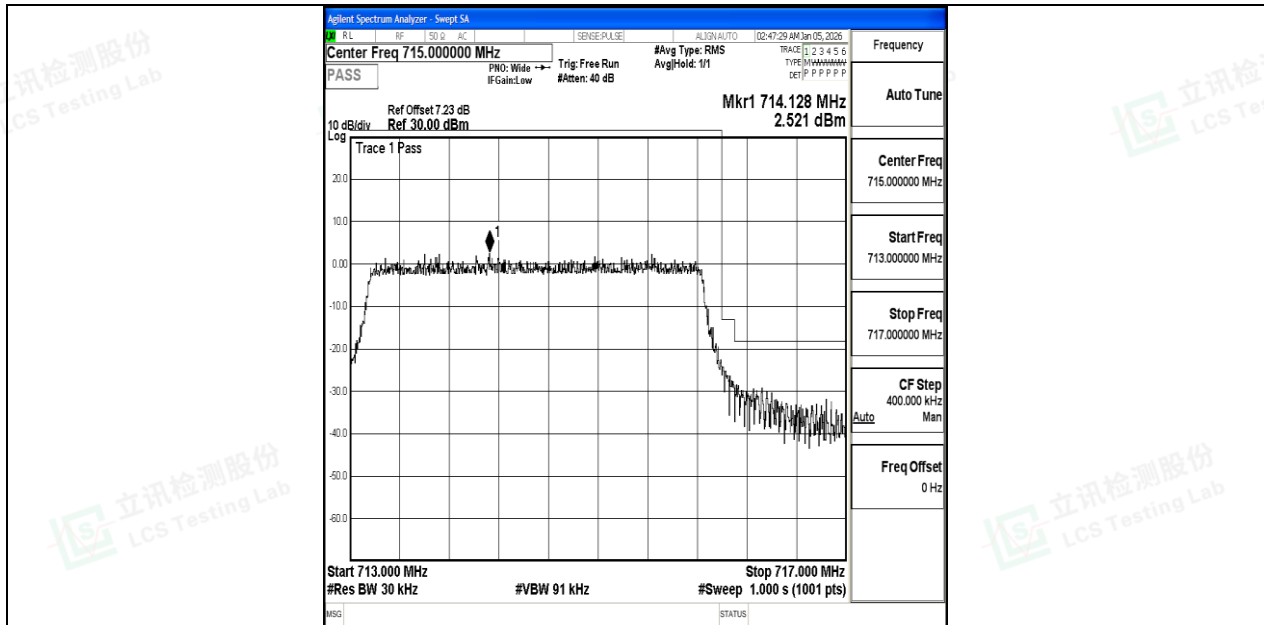
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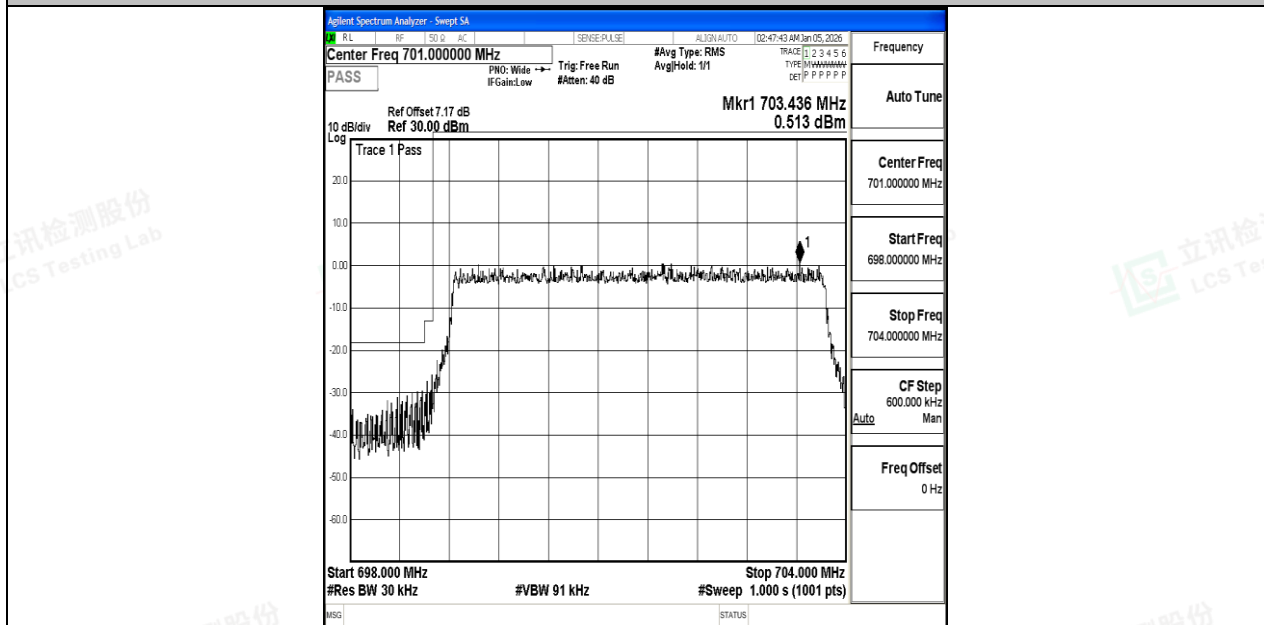
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Band12_3MHz_16QAM_23165_15RB#0



Band12_5MHz_QPSK_23035_25RB#0

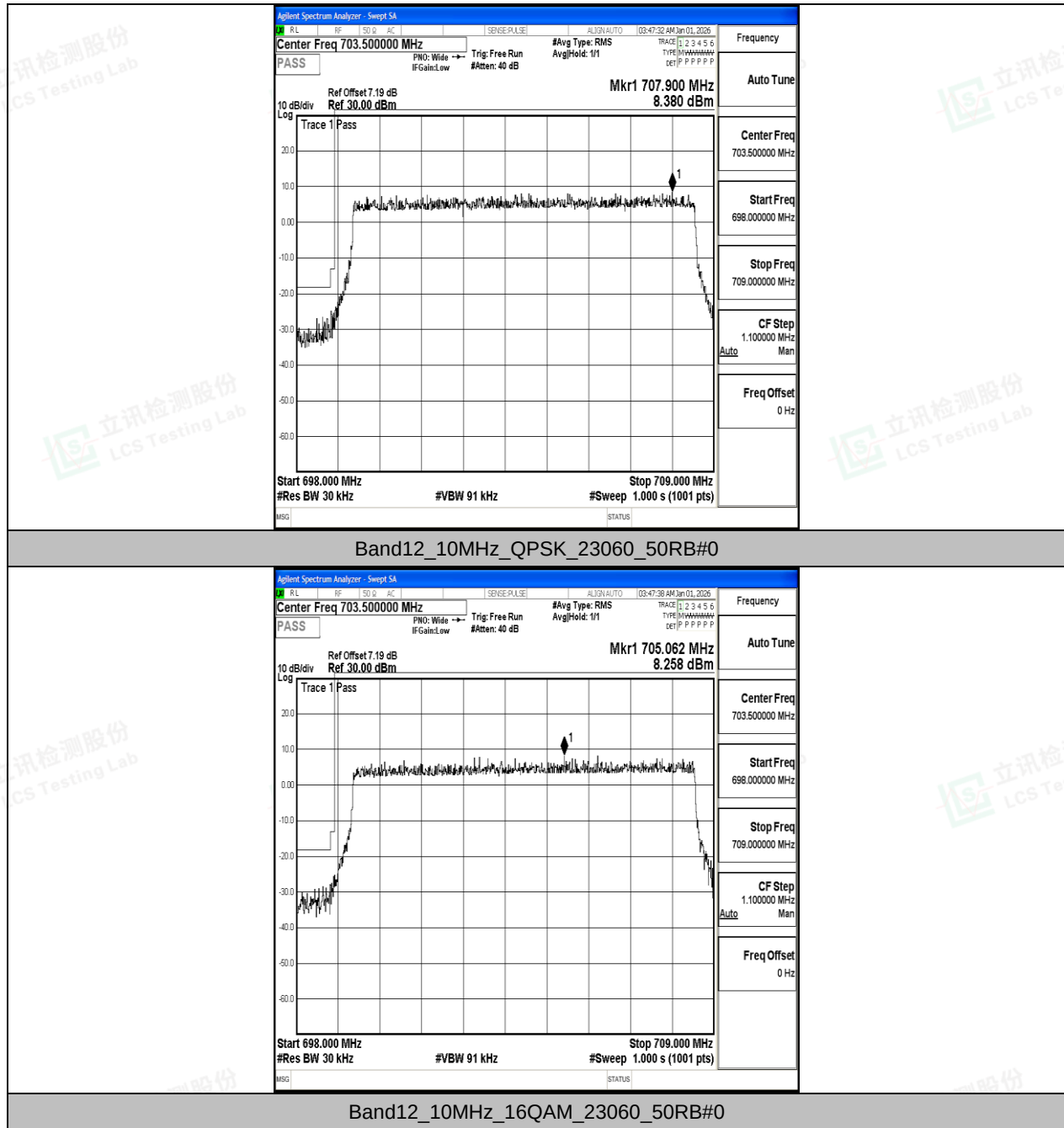


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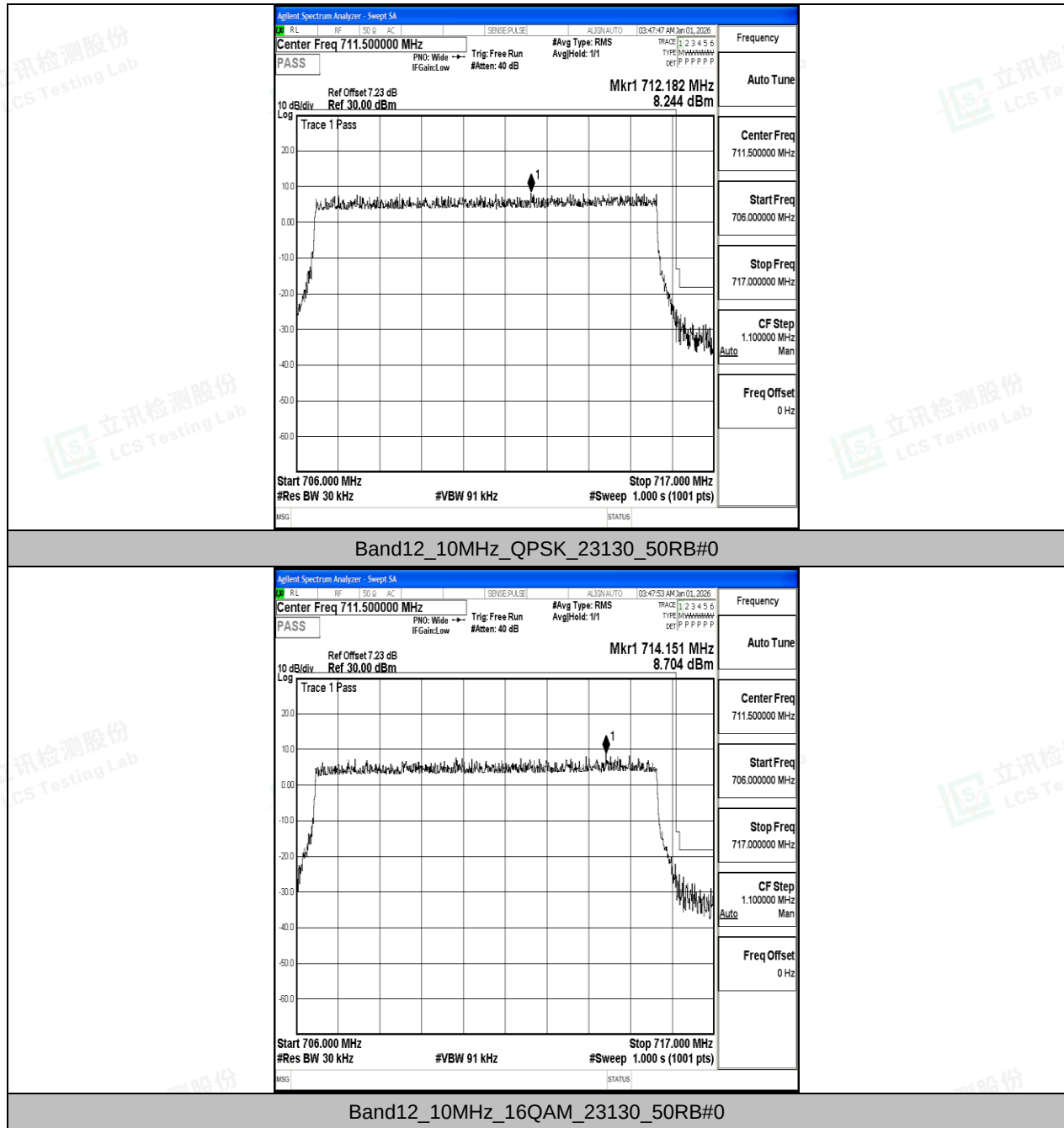


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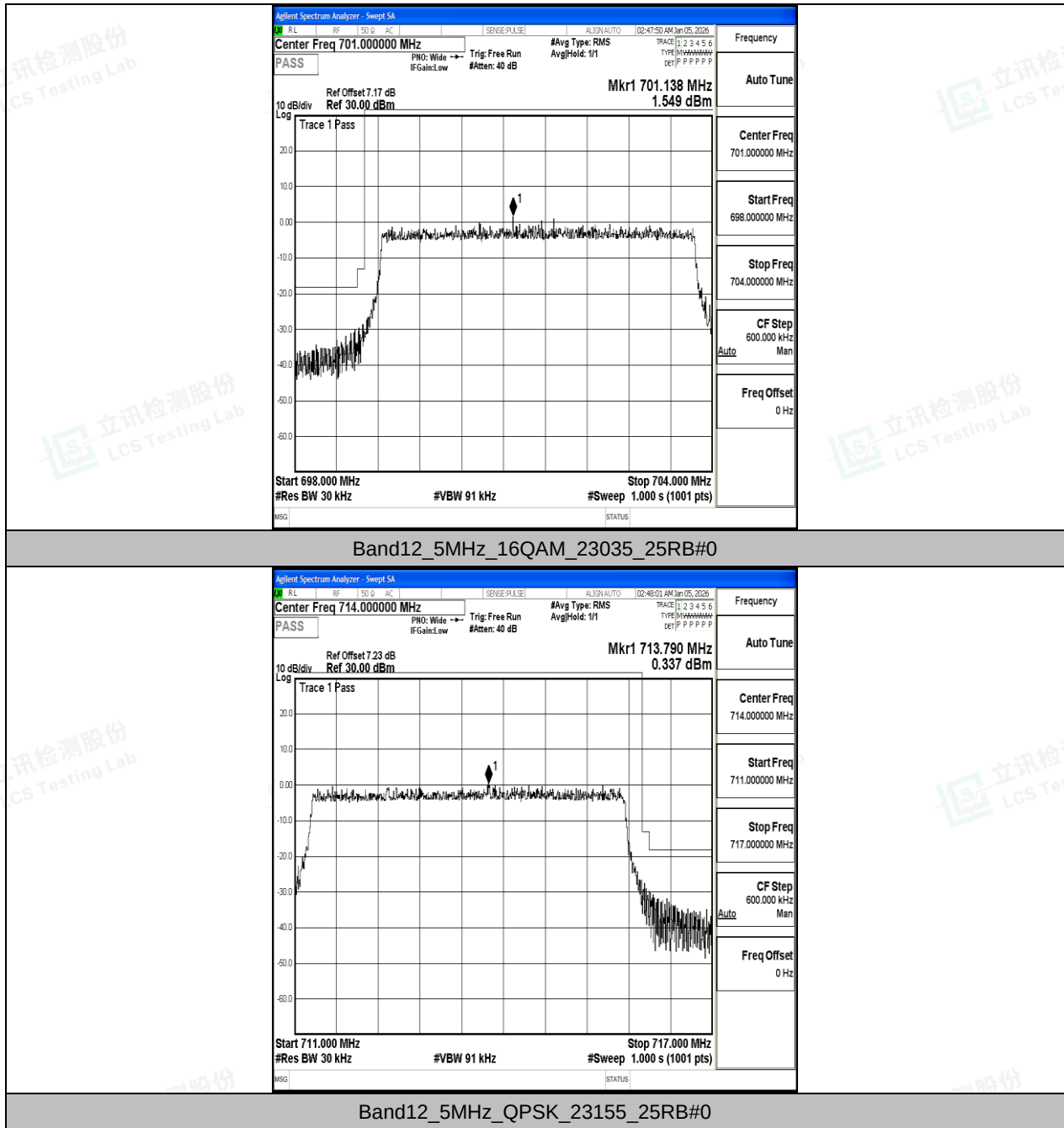


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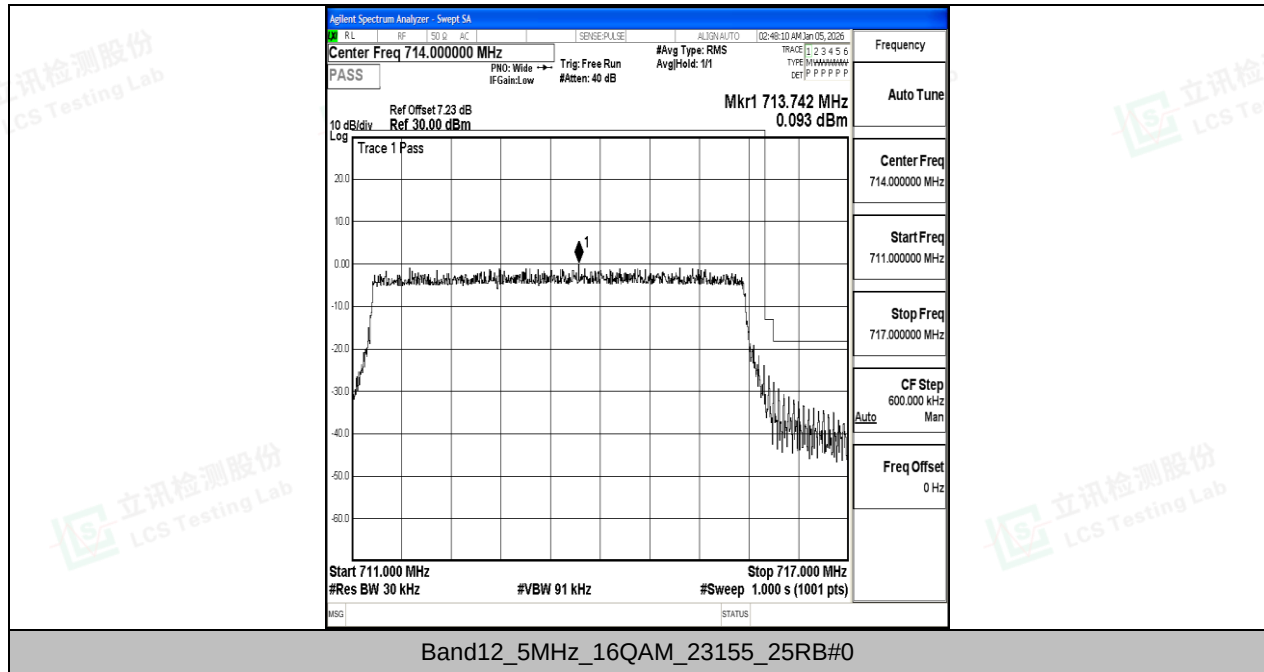


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K.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	0.009~0.15	-57.46	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	0.15~30	-46.37	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	30~1000	-27.49	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	1000~3000	-37.28	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	3000~10000	-35.15	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.009~0.15	-55.72	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.15~30	-46.01	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	30~1000	-27.18	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	1000~3000	-38.27	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	3000~10000	-34.90	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.009~0.15	-58.65	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.15~30	-44.91	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	30~1000	-26.48	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	1000~3000	-37.32	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3000~10000	-35.43	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.009~0.15	-56.70	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.15~30	-43.70	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	30~1000	-23.91	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	1000~3000	-37.66	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	3000~10000	-35.38	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.009~0.15	-57.39	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.15~30	-46.31	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	30~1000	-26.94	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	1000~3000	-37.75	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3000~10000	-35.12	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.009~0.15	-60.21	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.15~30	-47.01	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	30~1000	-26.13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	1000~3000	-37.09	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	3000~10000	-35.00	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.009~0.15	-54.80	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.15~30	-44.34	PASS
Band12	3MHz	QPSK	23025	1RB#0	30~1000	-29.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	1000~3000	-37.23	PASS
Band12	3MHz	QPSK	23025	1RB#0	3000~10000	-35.05	PASS
Band12	3MHz	16QAM	23025	1RB#0	0.009~0.15	-53.66	PASS



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Band12	3MHz	16QAM	23025	1RB#0	0.15~30	-48.34	PASS
Band12	3MHz	16QAM	23025	1RB#0	30~1000	-29.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	1000~3000	-37.38	PASS
Band12	3MHz	16QAM	23025	1RB#0	3000~10000	-34.90	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.009~0.15	-56.55	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.15~30	-45.74	PASS
Band12	3MHz	QPSK	23095	1RB#0	30~1000	-29.79	PASS
Band12	3MHz	QPSK	23095	1RB#0	1000~3000	-38.36	PASS
Band12	3MHz	QPSK	23095	1RB#0	3000~10000	-34.51	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.009~0.15	-53.09	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.15~30	-45.61	PASS
Band12	3MHz	16QAM	23095	1RB#0	30~1000	-30.24	PASS
Band12	3MHz	16QAM	23095	1RB#0	1000~3000	-38.05	PASS
Band12	3MHz	16QAM	23095	1RB#0	3000~10000	-35.59	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.009~0.15	-54.82	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.15~30	-44.12	PASS
Band12	3MHz	QPSK	23165	1RB#0	30~1000	-31.84	PASS
Band12	3MHz	QPSK	23165	1RB#0	1000~3000	-36.88	PASS
Band12	3MHz	QPSK	23165	1RB#0	3000~10000	-35.00	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.009~0.15	-54.66	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.15~30	-43.34	PASS
Band12	3MHz	16QAM	23165	1RB#0	30~1000	-31.50	PASS
Band12	3MHz	16QAM	23165	1RB#0	1000~3000	-38.32	PASS
Band12	3MHz	16QAM	23165	1RB#0	3000~10000	-35.71	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.009~0.15	-54.15	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.15~30	-46.90	PASS
Band12	5MHz	QPSK	23035	1RB#0	30~1000	-38.96	PASS
Band12	5MHz	QPSK	23035	1RB#0	1000~3000	-37.74	PASS
Band12	5MHz	QPSK	23035	1RB#0	3000~10000	-35.02	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.009~0.15	-54.61	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.15~30	-43.61	PASS
Band12	5MHz	16QAM	23035	1RB#0	30~1000	-38.66	PASS
Band12	5MHz	16QAM	23035	1RB#0	1000~3000	-38.70	PASS
Band12	5MHz	16QAM	23035	1RB#0	3000~10000	-35.58	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.009~0.15	-55.27	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.15~30	-44.23	PASS
Band12	5MHz	QPSK	23095	1RB#0	30~1000	-44.47	PASS
Band12	5MHz	QPSK	23095	1RB#0	1000~3000	-36.68	PASS
Band12	5MHz	QPSK	23095	1RB#0	3000~10000	-34.44	PASS
Band12	5MHz	16QAM	23095	1RB#0	0.009~0.15	-55.47	PASS
Band12	5MHz	16QAM	23095	1RB#0	0.15~30	-44.32	PASS
Band12	5MHz	16QAM	23095	1RB#0	30~1000	-44.93	PASS



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Band12	5MHz	16QAM	23095	1RB#0	1000~3000	-38.28	PASS
Band12	5MHz	16QAM	23095	1RB#0	3000~10000	-35.22	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.009~0.15	-54.82	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.15~30	-45.19	PASS
Band12	5MHz	QPSK	23155	1RB#0	30~1000	-39.14	PASS
Band12	5MHz	QPSK	23155	1RB#0	1000~3000	-37.80	PASS
Band12	5MHz	QPSK	23155	1RB#0	3000~10000	-35.29	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.009~0.15	-54.65	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.15~30	-46.81	PASS
Band12	5MHz	16QAM	23155	1RB#0	30~1000	-40.69	PASS
Band12	5MHz	16QAM	23155	1RB#0	1000~3000	-38.76	PASS
Band12	5MHz	16QAM	23155	1RB#0	3000~10000	-35.24	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.009~0.15	-51.63	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.15~30	-47.50	PASS
Band12	10MHz	QPSK	23060	1RB#0	30~1000	-52.08	PASS
Band12	10MHz	QPSK	23060	1RB#0	1000~3000	-37.83	PASS
Band12	10MHz	QPSK	23060	1RB#0	3000~10000	-35.26	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.009~0.15	-56.23	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.15~30	-46.51	PASS
Band12	10MHz	16QAM	23060	1RB#0	30~1000	-52.01	PASS
Band12	10MHz	16QAM	23060	1RB#0	1000~3000	-37.44	PASS
Band12	10MHz	16QAM	23060	1RB#0	3000~10000	-35.16	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.009~0.15	-57.85	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.15~30	-46.05	PASS
Band12	10MHz	QPSK	23095	1RB#0	30~1000	-52.64	PASS
Band12	10MHz	QPSK	23095	1RB#0	1000~3000	-37.31	PASS
Band12	10MHz	QPSK	23095	1RB#0	3000~10000	-35.21	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.009~0.15	-56.46	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.15~30	-46.01	PASS
Band12	10MHz	16QAM	23095	1RB#0	30~1000	-52.28	PASS
Band12	10MHz	16QAM	23095	1RB#0	1000~3000	-38.26	PASS
Band12	10MHz	16QAM	23095	1RB#0	3000~10000	-34.98	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.009~0.15	-59.29	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.15~30	-46.02	PASS
Band12	10MHz	QPSK	23130	1RB#0	30~1000	-53.10	PASS
Band12	10MHz	QPSK	23130	1RB#0	1000~3000	-37.99	PASS
Band12	10MHz	QPSK	23130	1RB#0	3000~10000	-35.33	PASS
Band12	10MHz	16QAM	23130	1RB#0	0.009~0.15	-56.29	PASS
Band12	10MHz	16QAM	23130	1RB#0	0.15~30	-47.56	PASS
Band12	10MHz	16QAM	23130	1RB#0	30~1000	-52.41	PASS
Band12	10MHz	16QAM	23130	1RB#0	1000~3000	-37.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	3000~10000	-35.48	PASS



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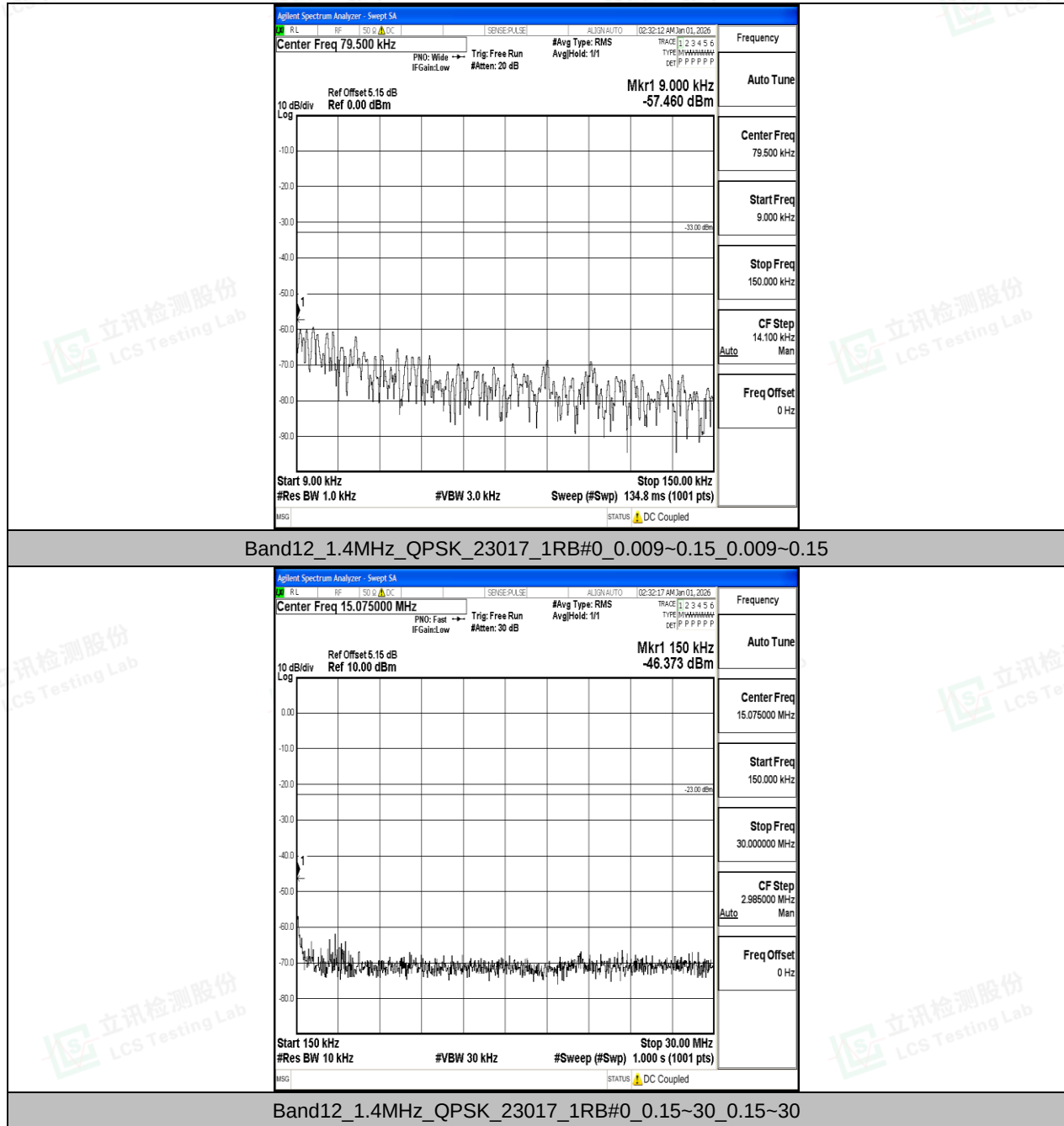
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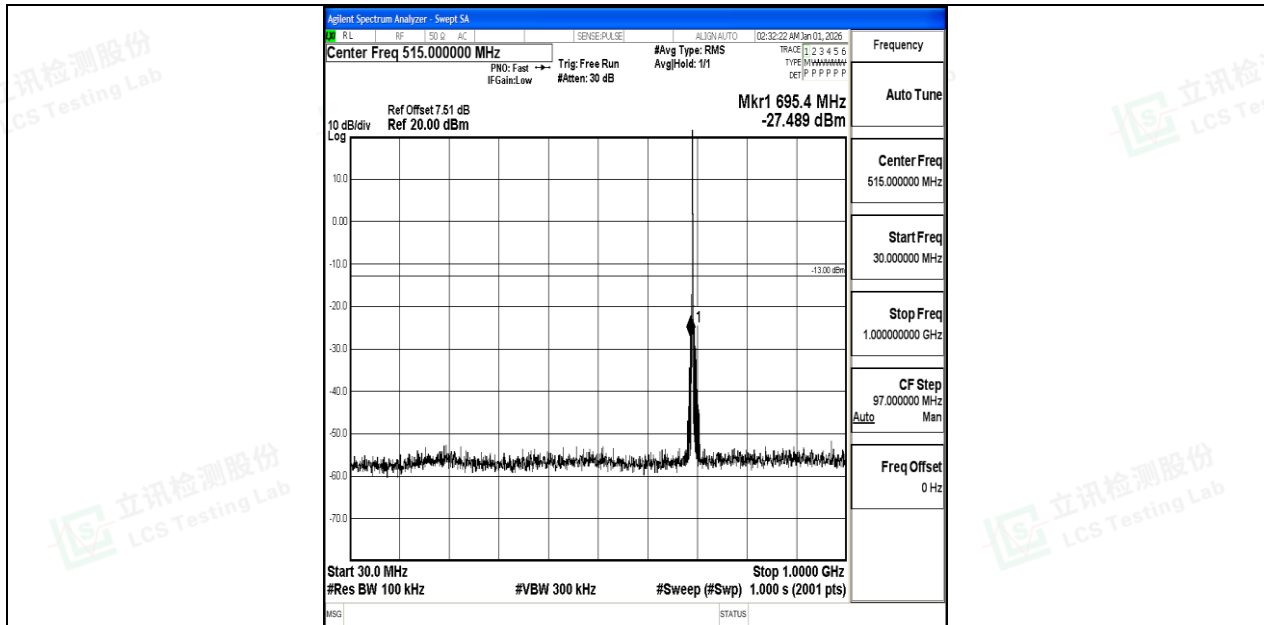
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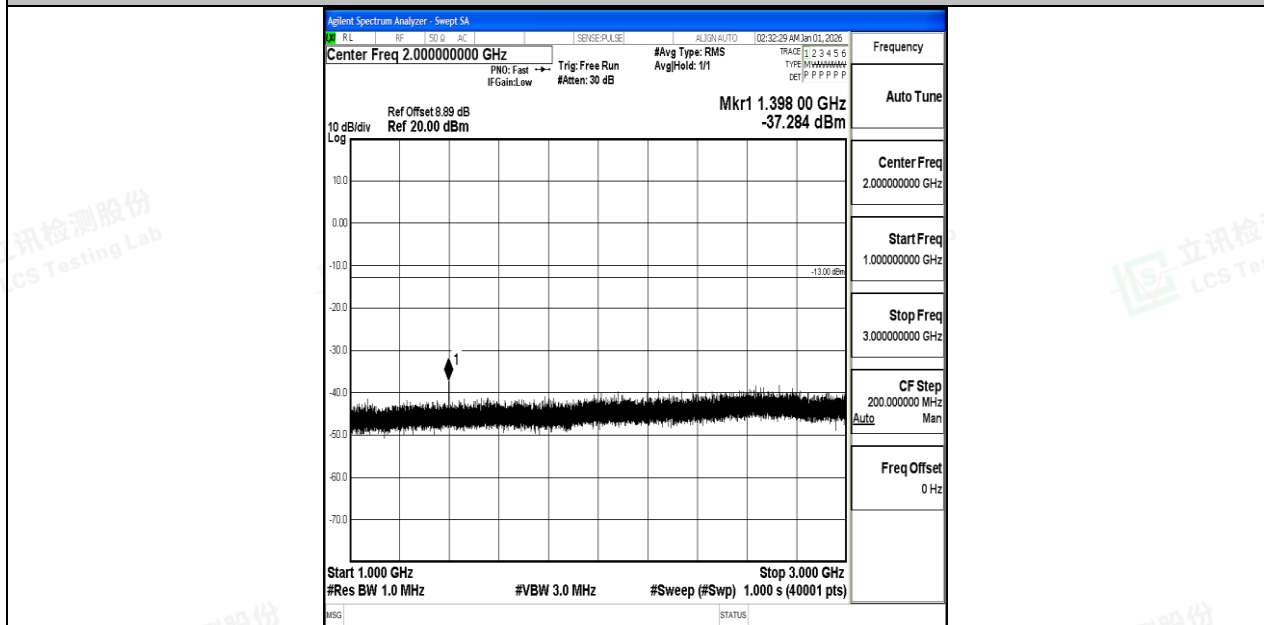


Test Graphs





Band12_1.4MHz_QPSK_23017_1RB#0_30~1000_30~1000



Band12_1.4MHz_QPSK_23017_1RB#0_1000~3000_1000~3000

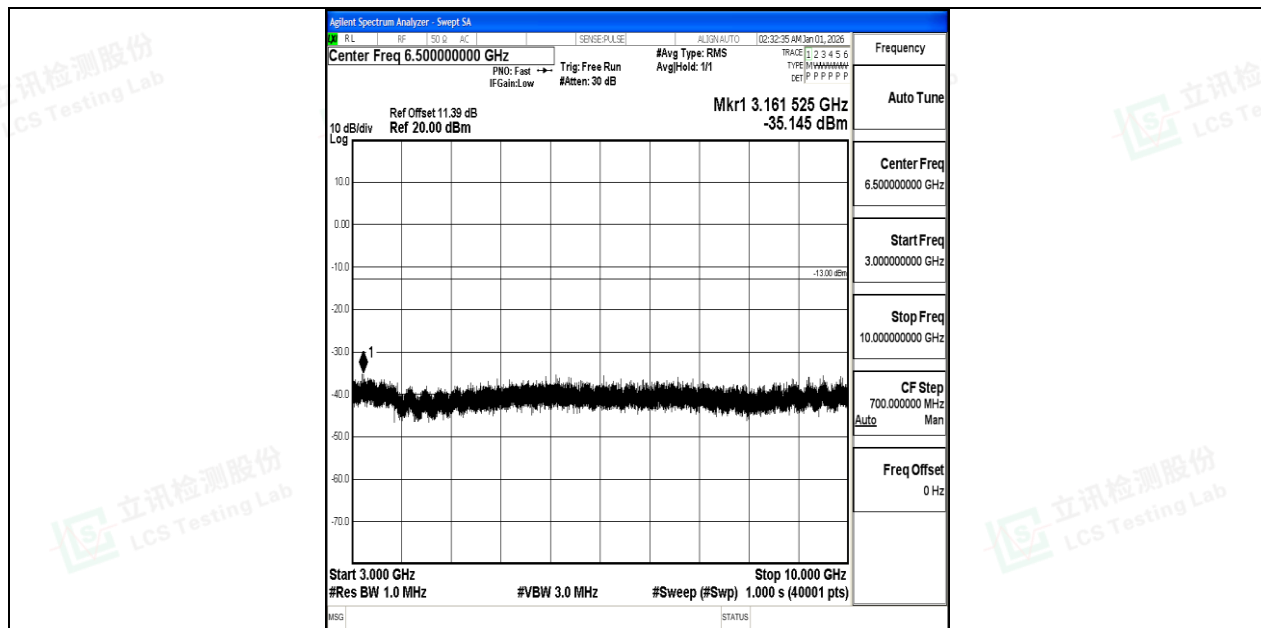


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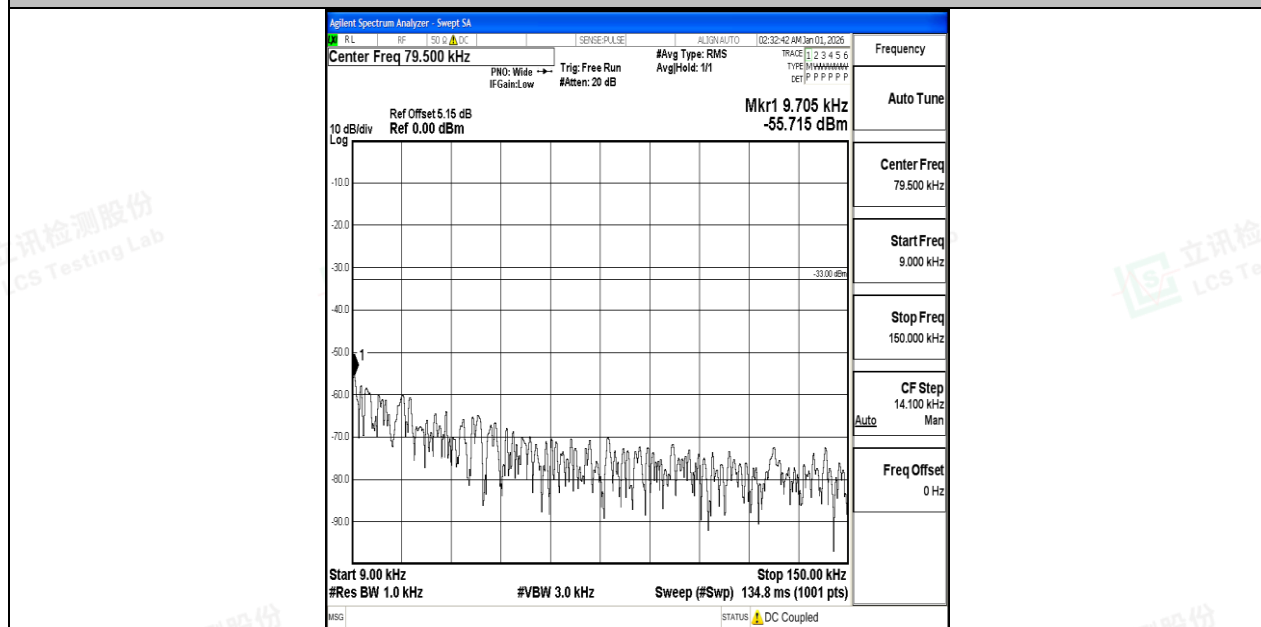
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Band12_1.4MHz_QPSK_23017_1RB#0_3000~10000_3000~10000



Band12_1.4MHz_16QAM_23017_1RB#0_0.009~0.15_0.009~0.15

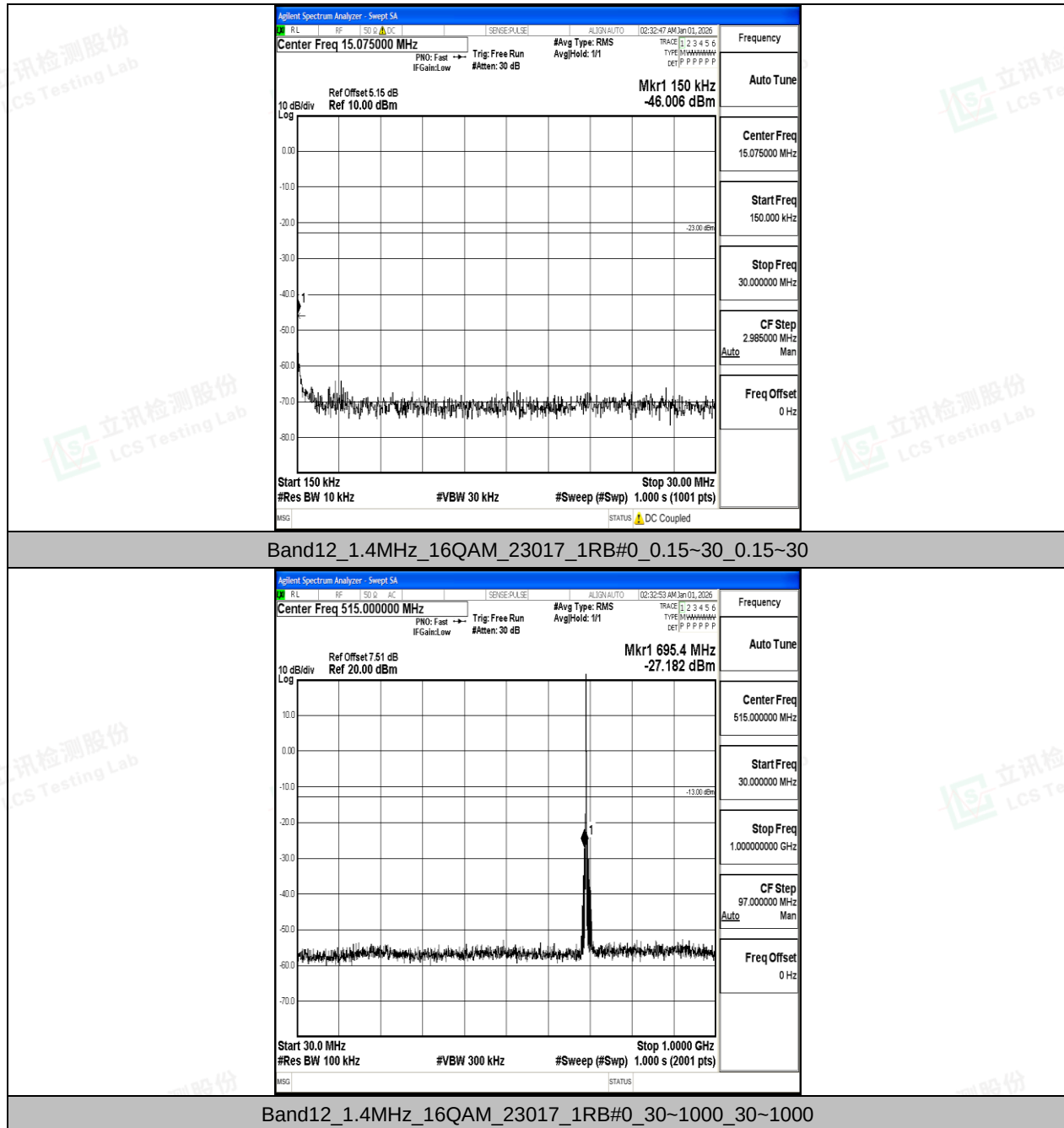


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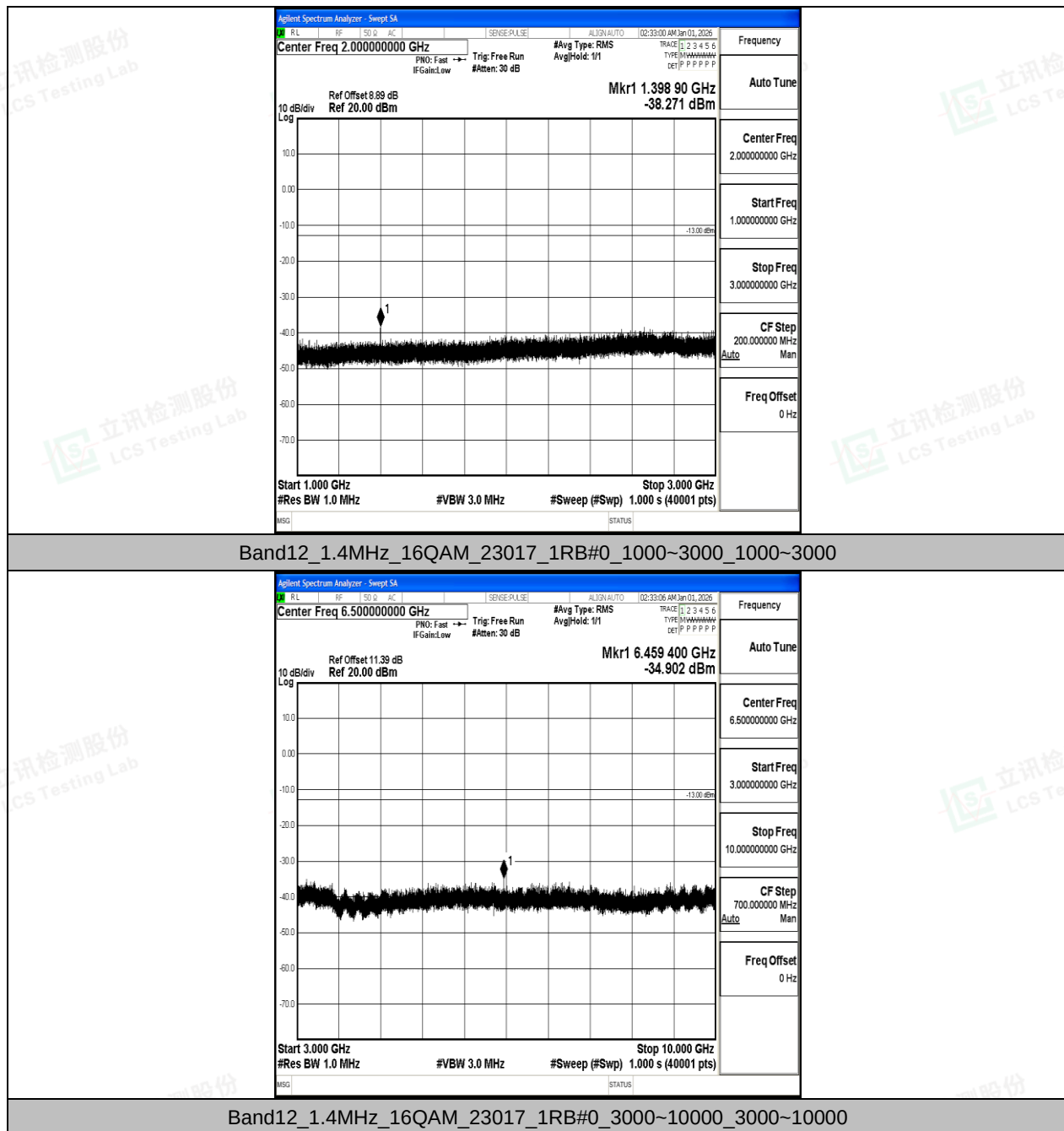


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