



Appendix H: Test Data for E-UTRA Band 12

Product Name: Mobile phone

Test Model: A09

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Taylor Hu
Supervised by:	Nick Peng



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H.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.75	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.56	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.57	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.48	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.67	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.50	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.73	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.26	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.64	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.22	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.61	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.34	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.74	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	22.02	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.31	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.72	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.40	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	23.38	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.44	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	23.39	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.53	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.34	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.44	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.24	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.47	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.26	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.42	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.70	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.26	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	23.08	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.28	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.98	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.31	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.97	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.29	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	21.90	PASS



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Band12	1.4MHz	QPSK	23173	3RB#1	23.29	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	21.99	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.35	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	21.72	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.38	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.16	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.16	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.56	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.14	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.34	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.07	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.73	PASS
Band12	3MHz	16QAM	23025	8RB#0	22.16	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.72	PASS
Band12	3MHz	16QAM	23025	8RB#4	22.10	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.63	PASS
Band12	3MHz	16QAM	23025	8RB#7	22.11	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.69	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.86	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.43	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.34	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.31	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.15	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.81	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.25	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.79	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.64	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.54	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.36	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.13	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.46	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.10	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.42	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.36	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.48	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.65	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.46	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.66	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.18	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.43	PASS



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Band12	3MHz	16QAM	23165	15RB#0	21.44	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.61	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.15	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.45	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.18	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.92	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.93	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.33	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.60	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.44	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.58	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.25	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.03	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.25	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.94	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.31	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.00	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.20	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.72	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.18	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.50	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.49	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.28	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.39	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.34	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.67	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.67	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.40	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.63	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.26	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.47	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.65	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.88	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.64	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.88	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.30	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.79	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.54	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.92	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.18	PASS



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Band12	10MHz	16QAM	23095	1RB#0	22.41	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.39	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.23	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.46	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.07	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.21	PASS
Band12	10MHz	16QAM	23095	25RB#0	22.03	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.26	PASS
Band12	10MHz	16QAM	23095	25RB#12	22.00	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.71	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.66	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.55	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.47	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.35	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.82	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.44	PASS
Band12	10MHz	16QAM	23130	1RB#24	23.16	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.35	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.75	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.25	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.57	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.51	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.55	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.40	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.71	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.28	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.43	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.37	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.49	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.35	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.39	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.42	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.66	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.48	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.04	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.50	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.90	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.63	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.90	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.72	PASS



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Band12	5MHz	16QAM	23035	12RB#6	21.89	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.58	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.87	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.64	PASS
Band12	5MHz	16QAM	23035	25RB#0	22.07	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.32	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.38	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.43	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.58	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.49	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.86	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.21	PASS



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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	5.46	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.16	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.64	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.39	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.13	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.00	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.48	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.17	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.68	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.45	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.29	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.13	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.66	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.26	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.64	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.34	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.48	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.20	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.62	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.31	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.71	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.38	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.61	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.38	13	PASS



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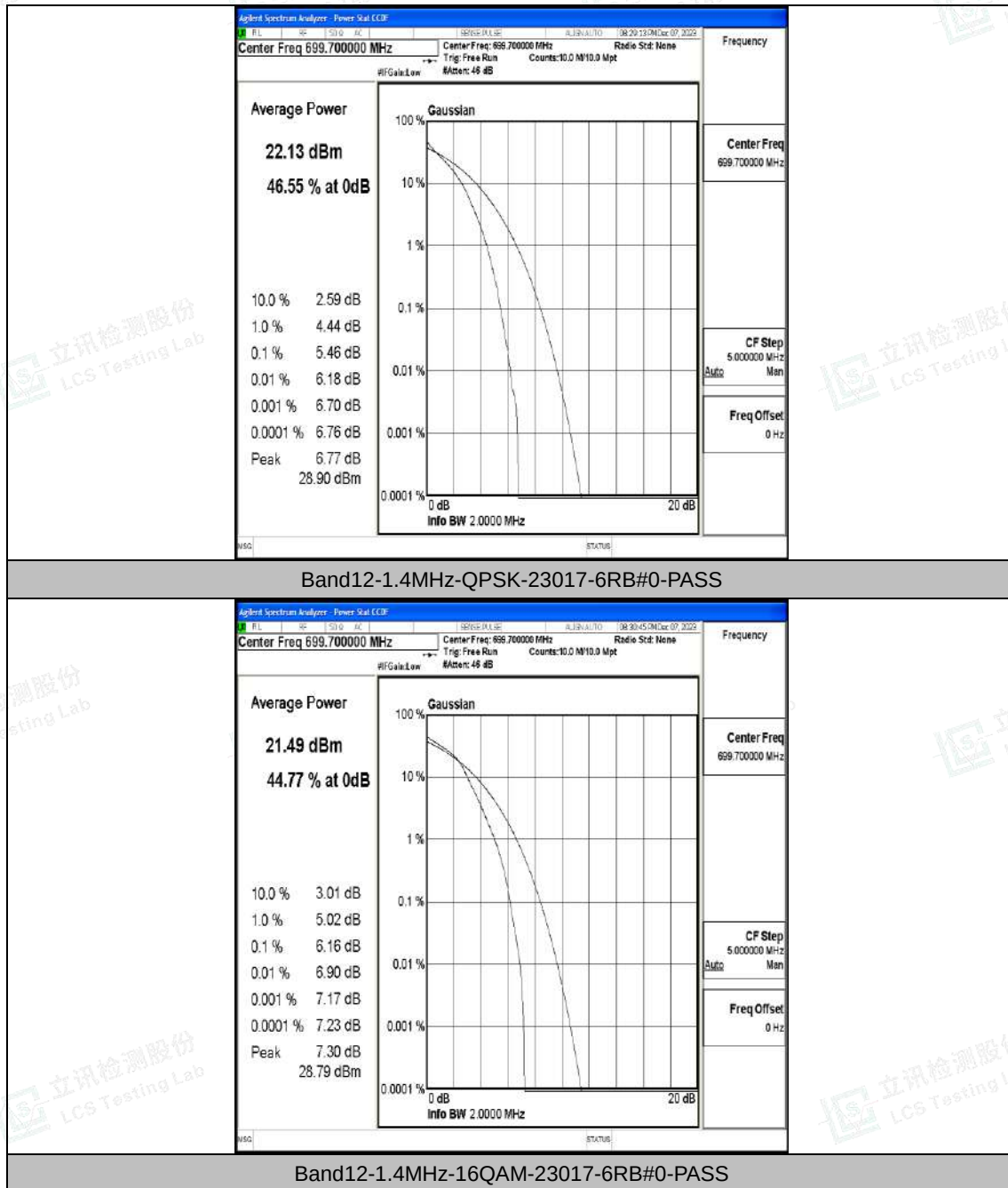
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Test Graphs

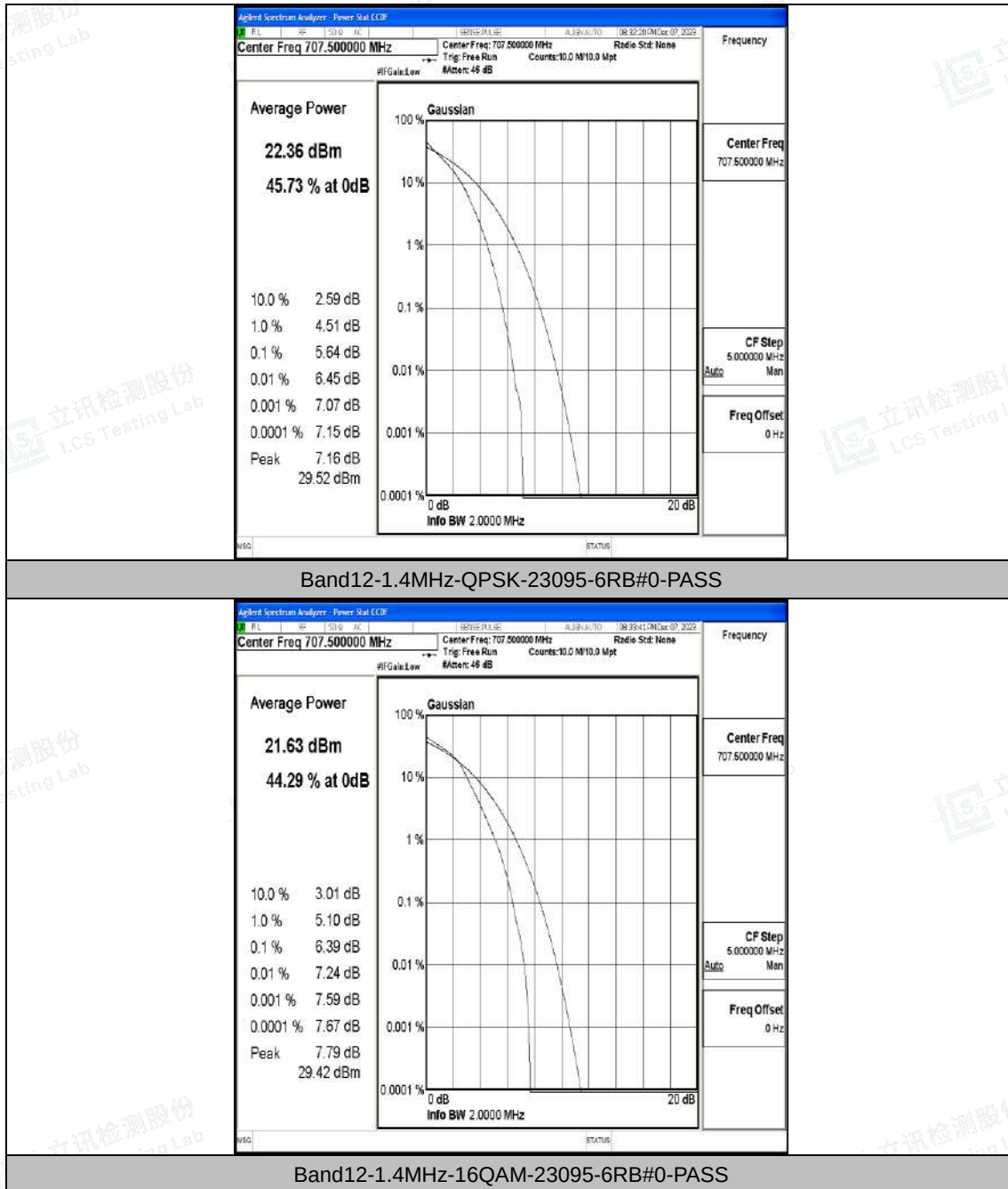


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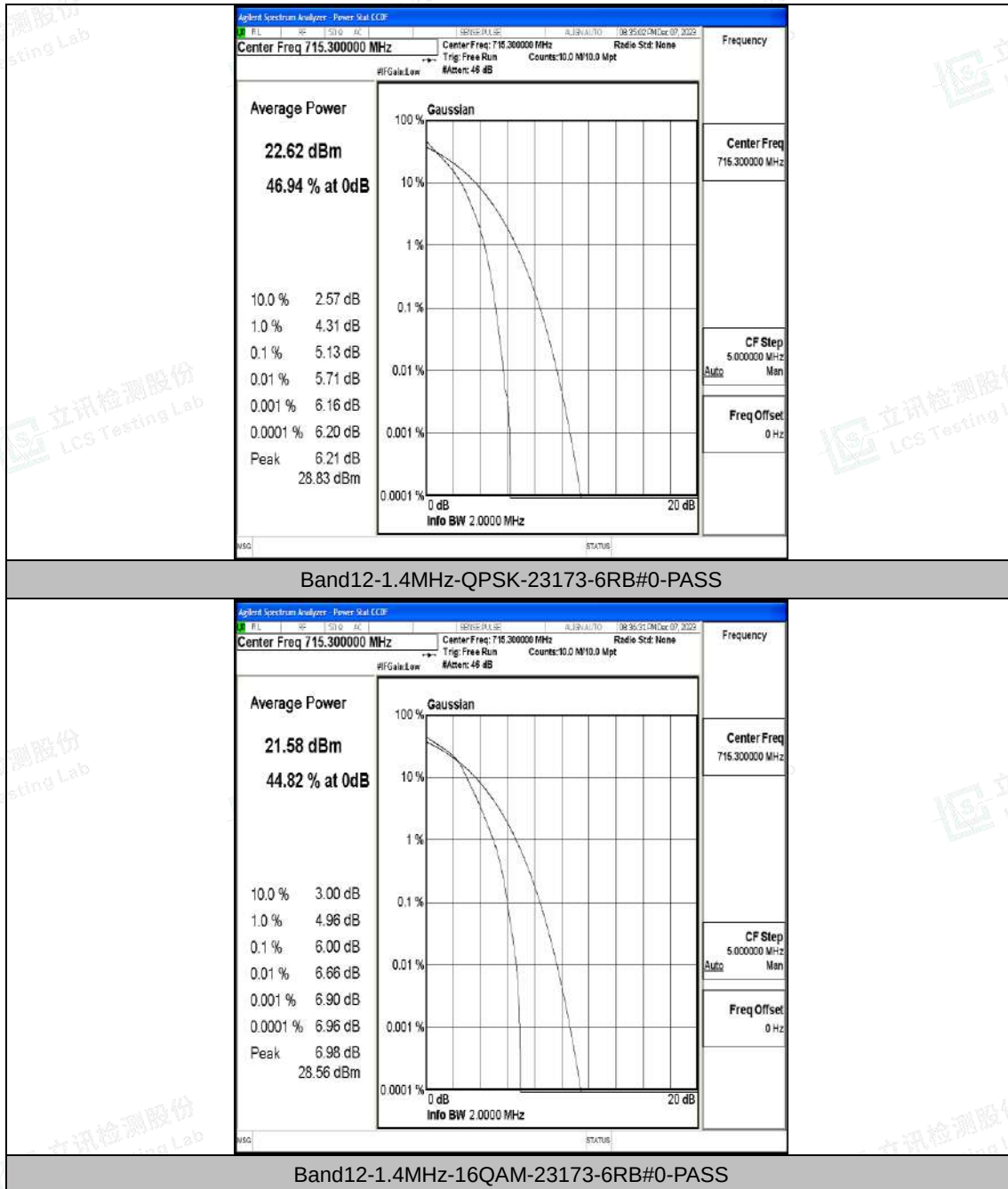


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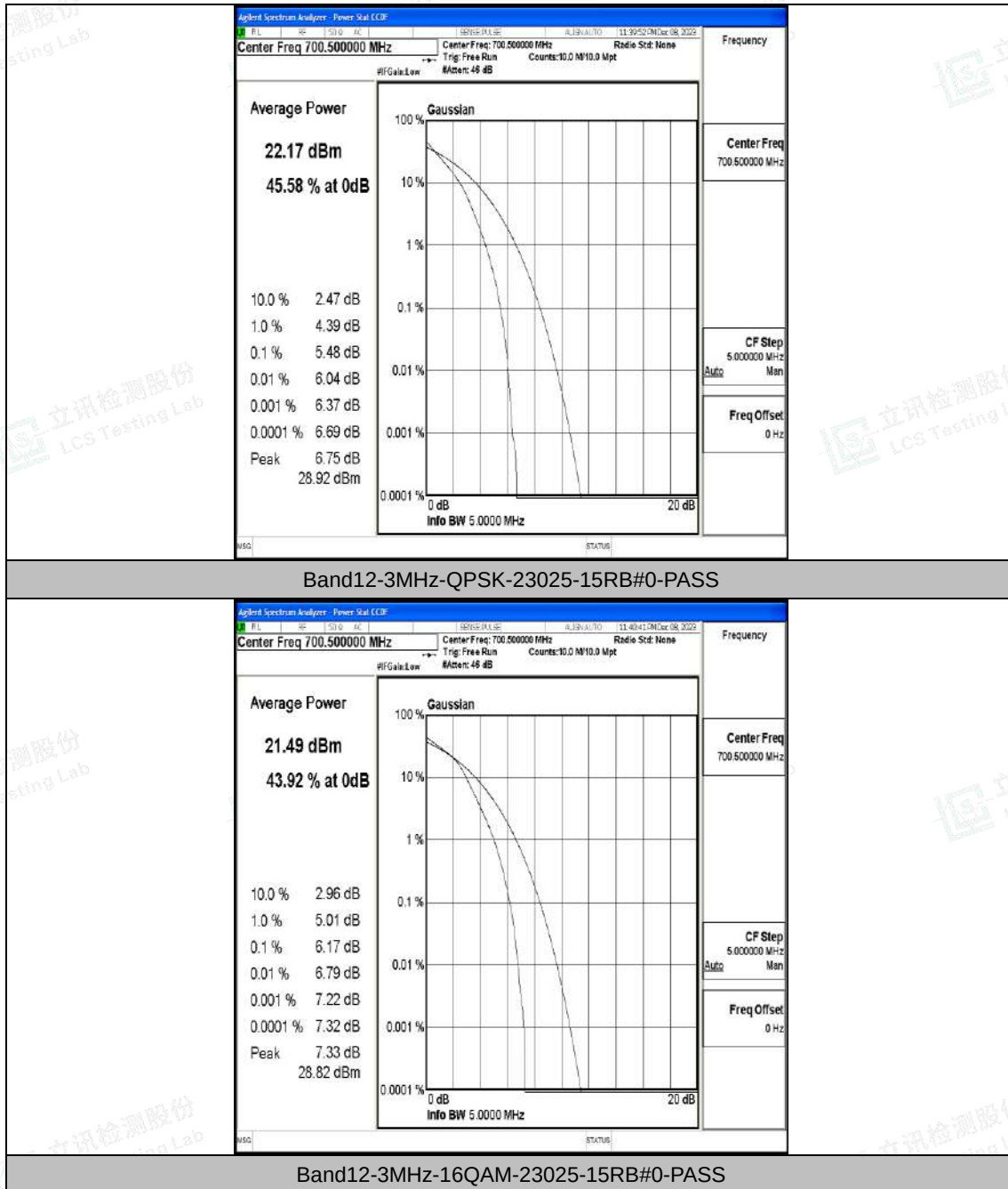


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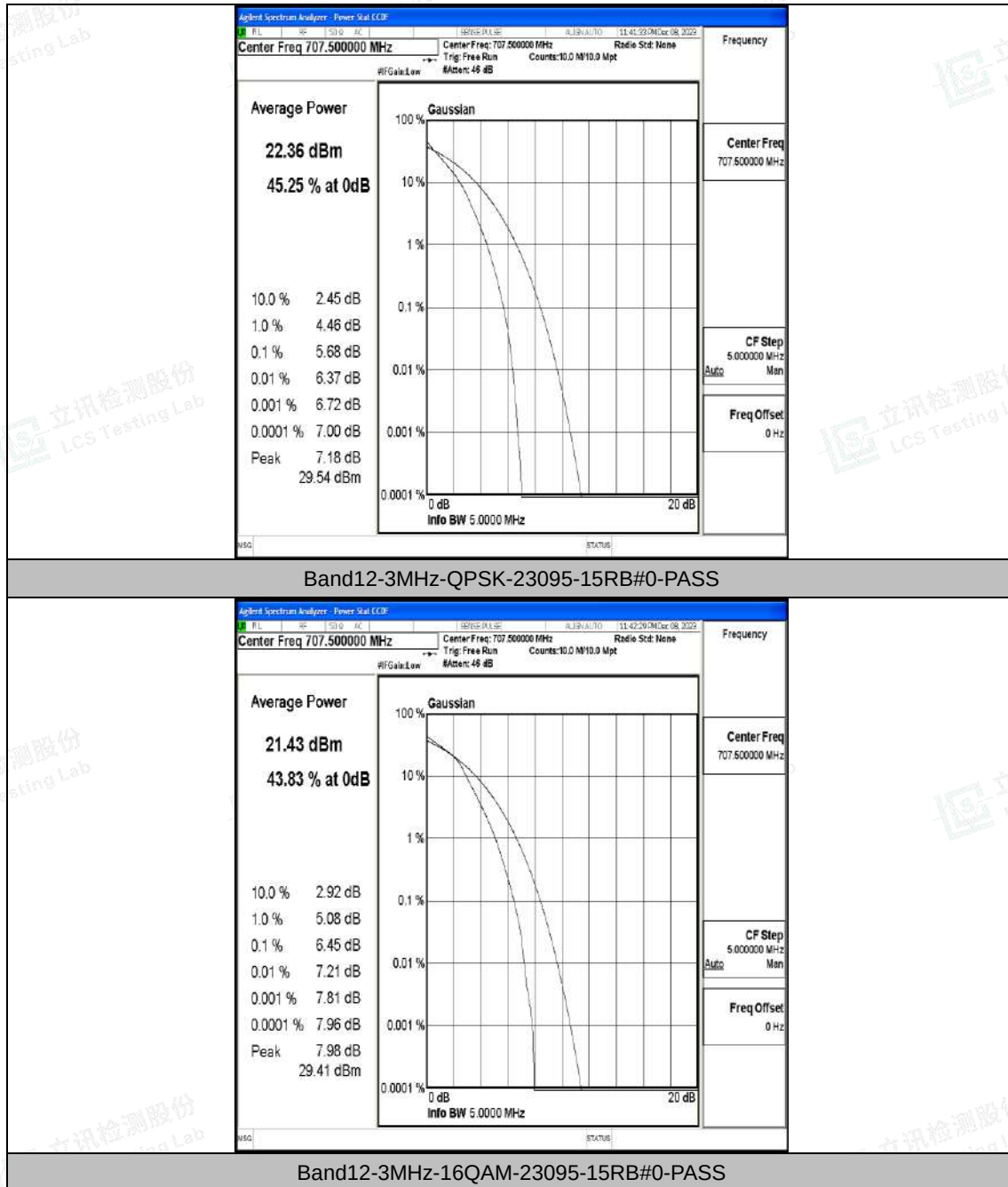


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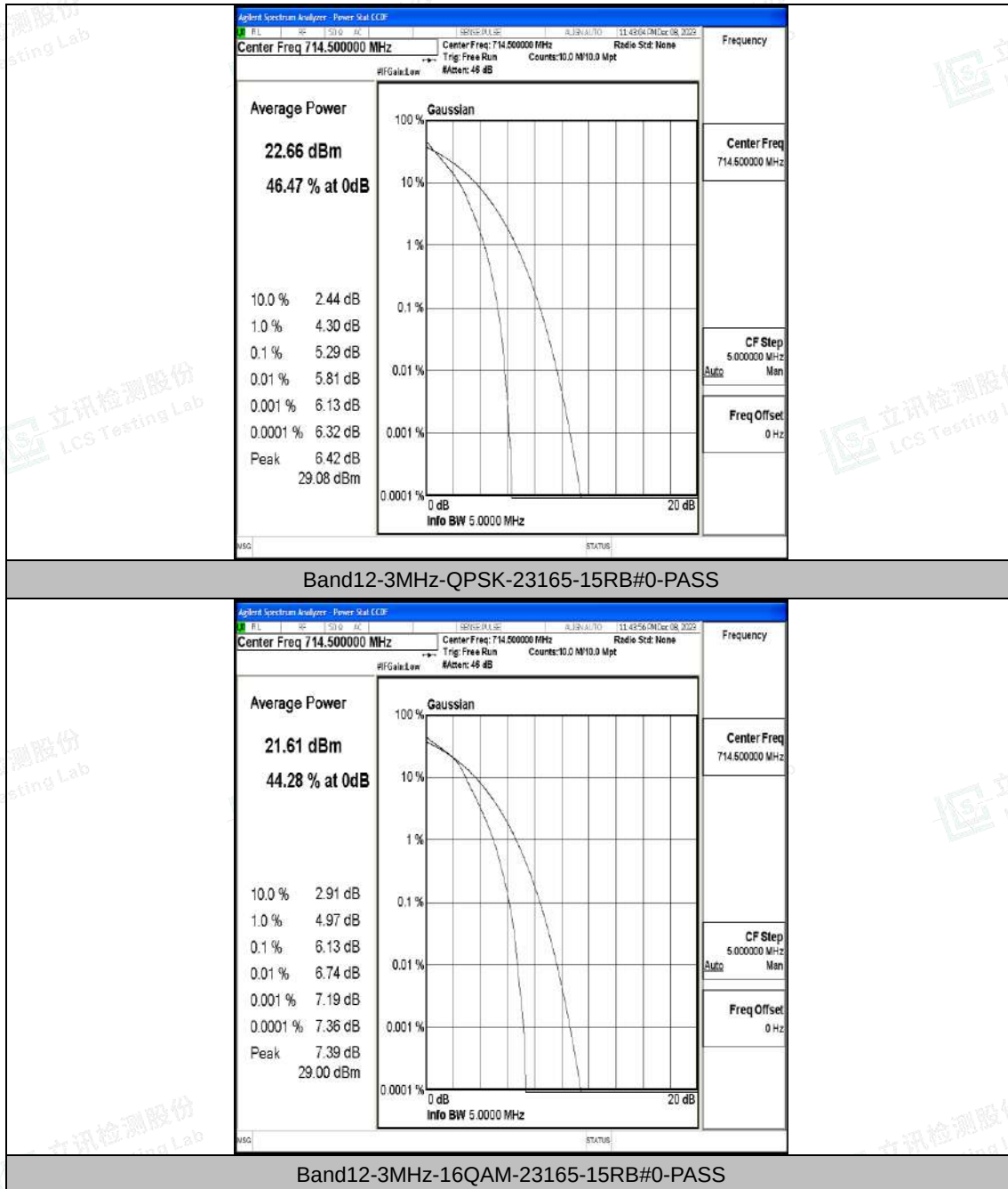


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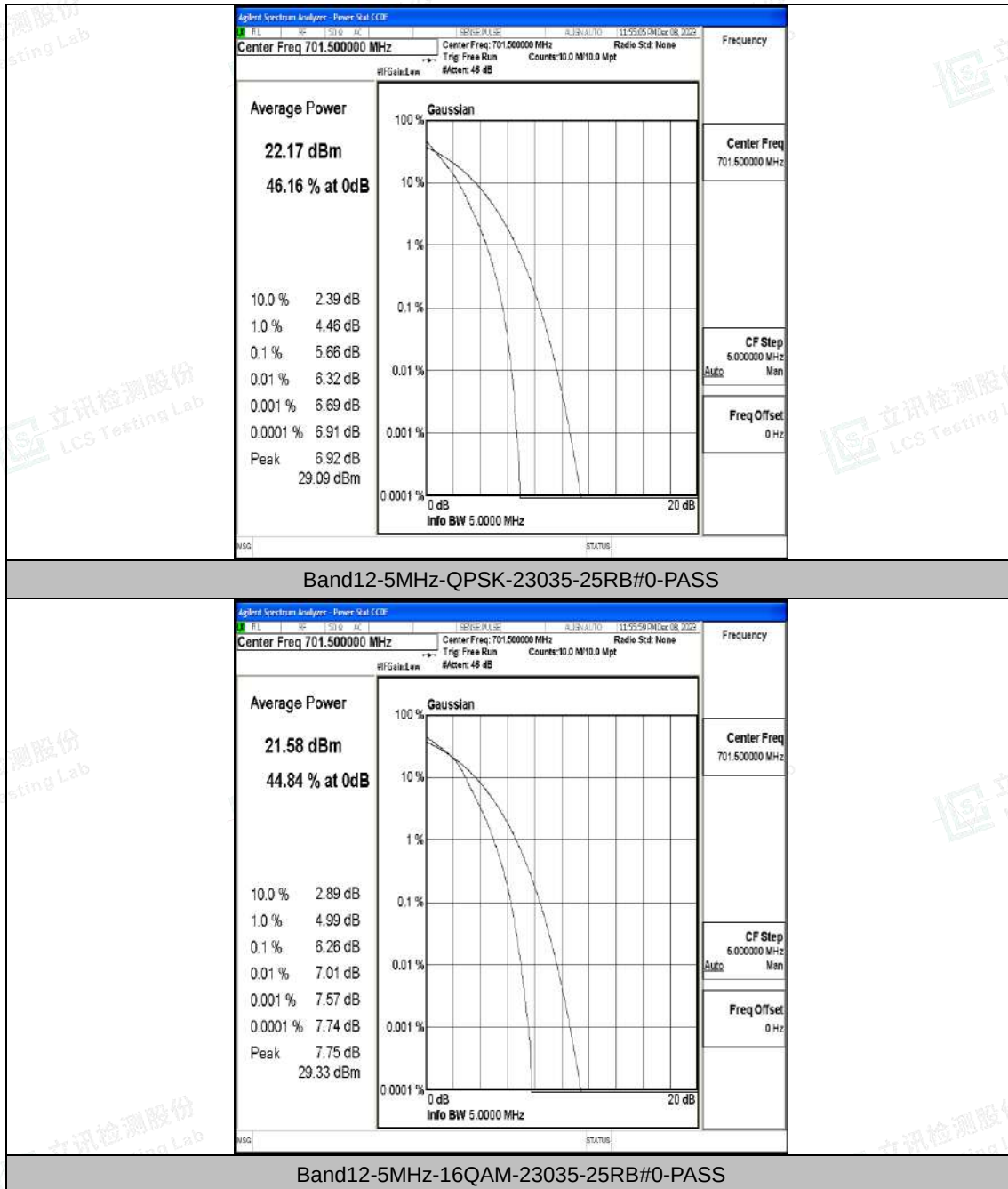


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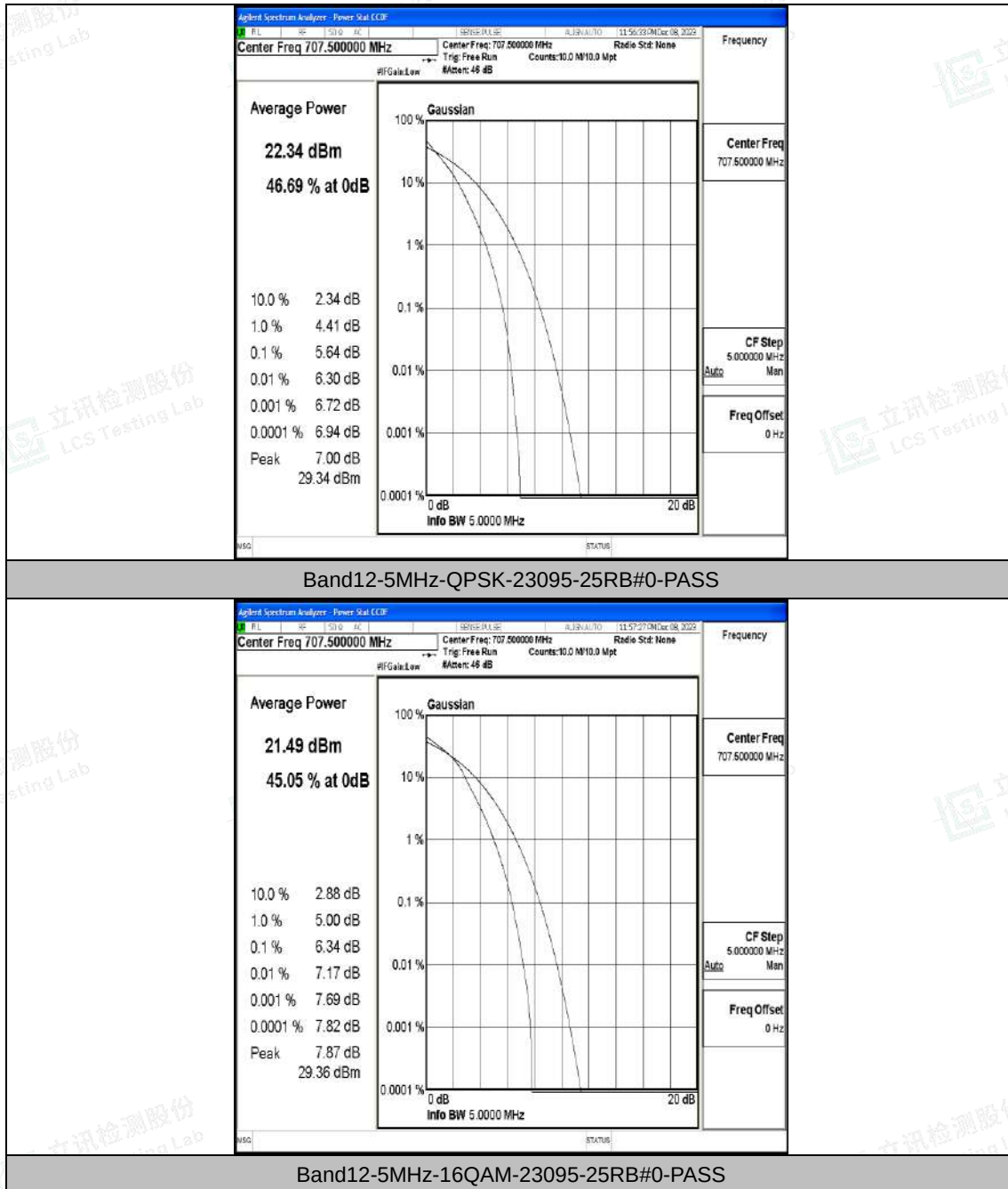


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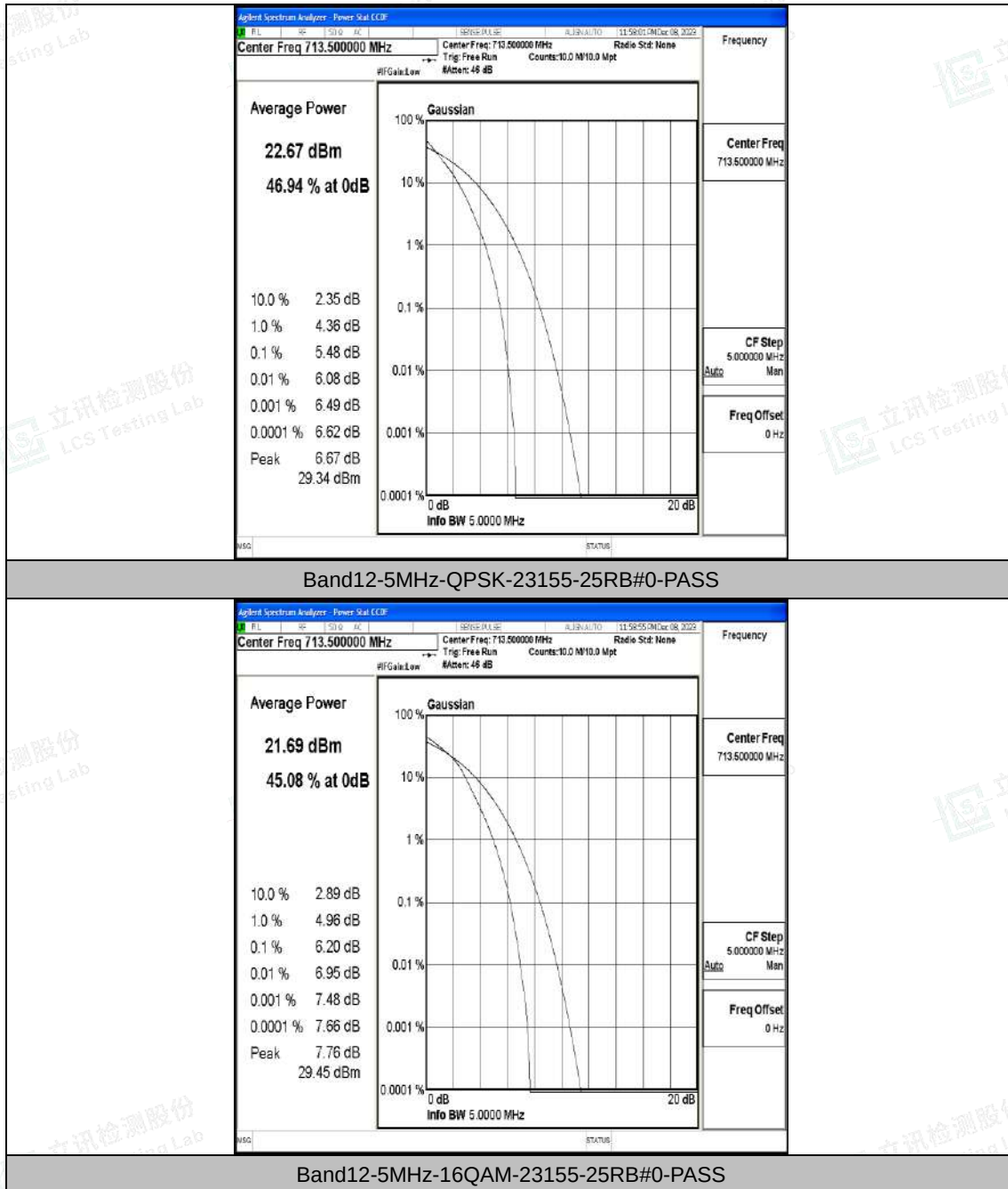


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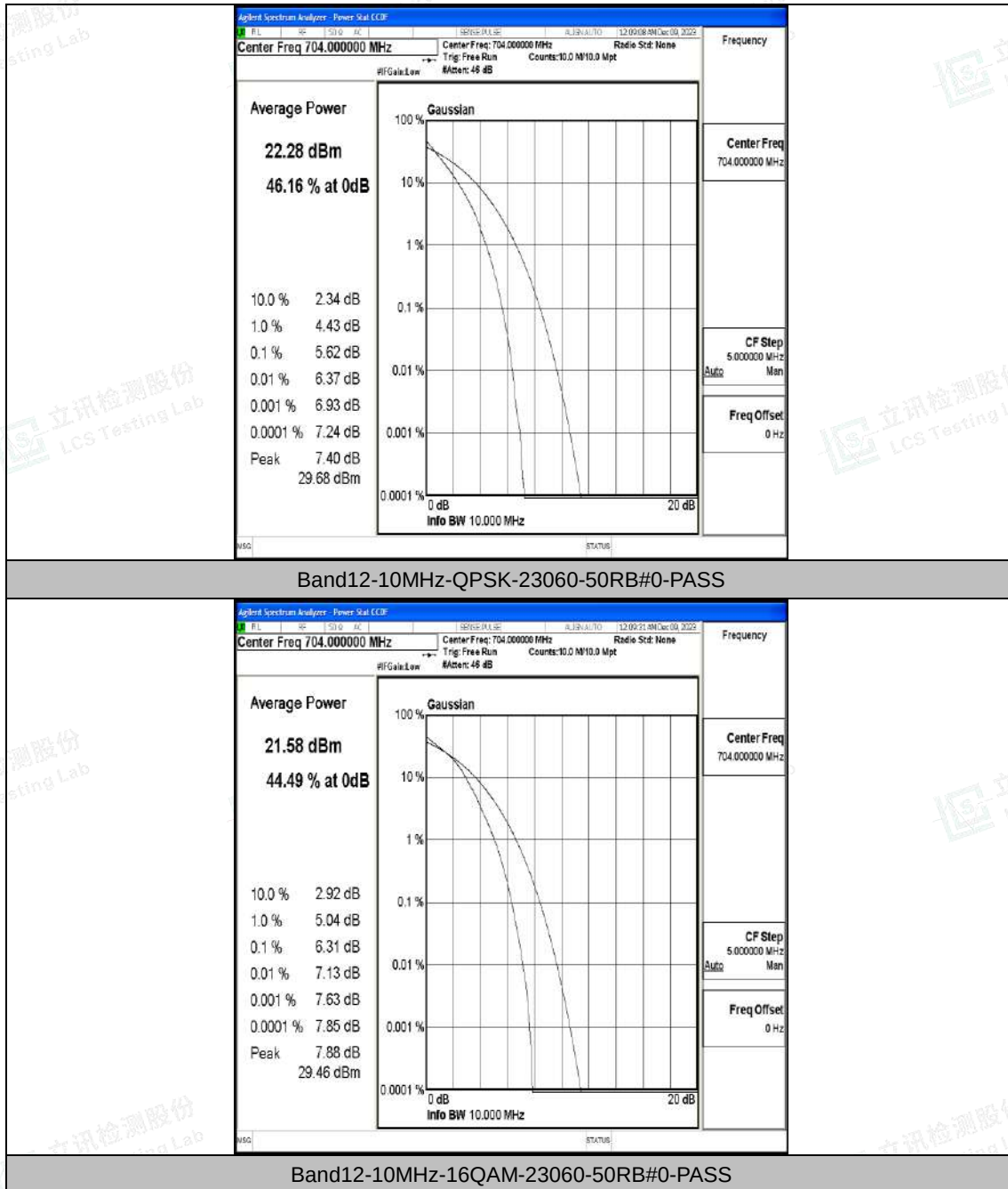


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Scan code to check authenticity

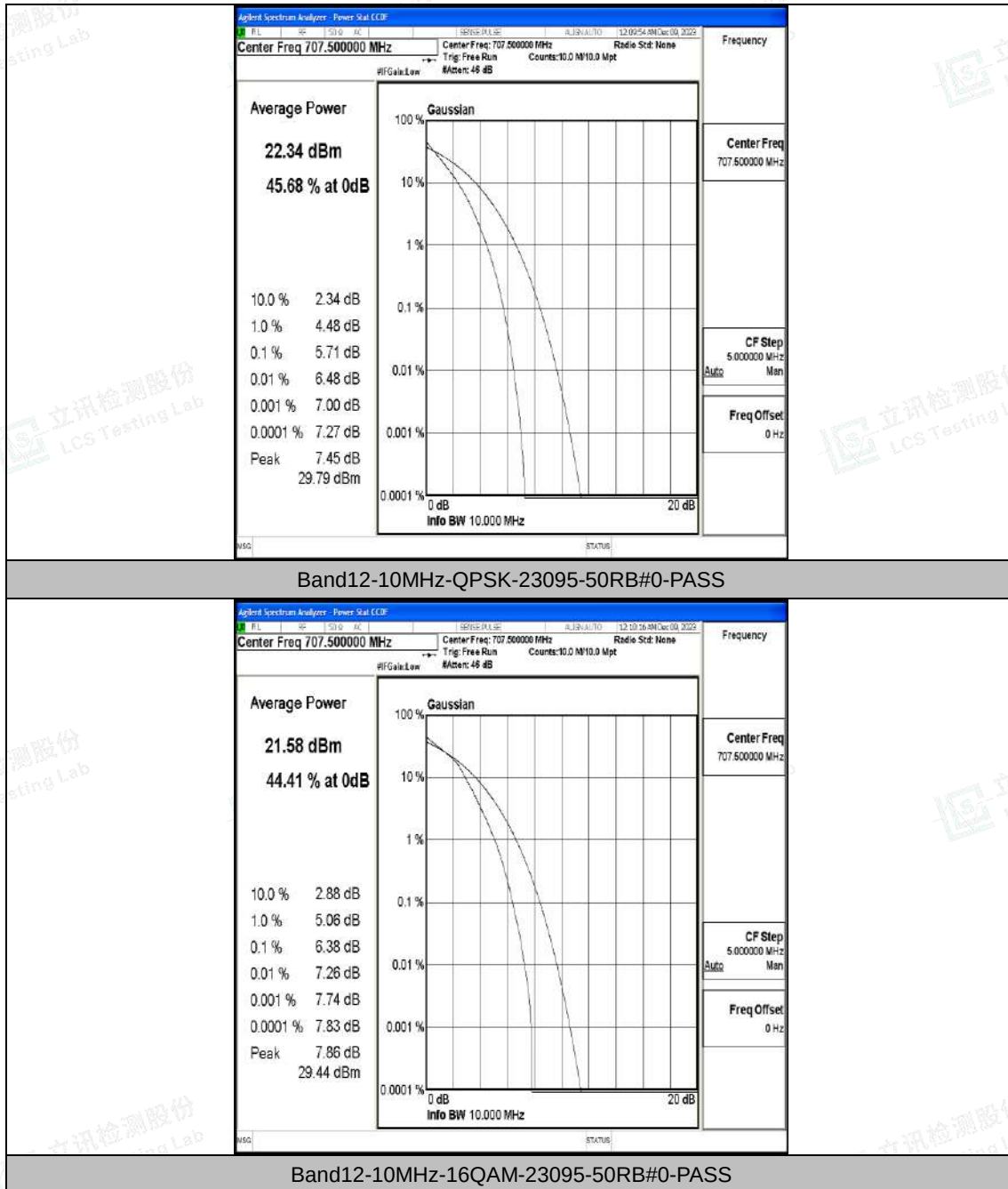


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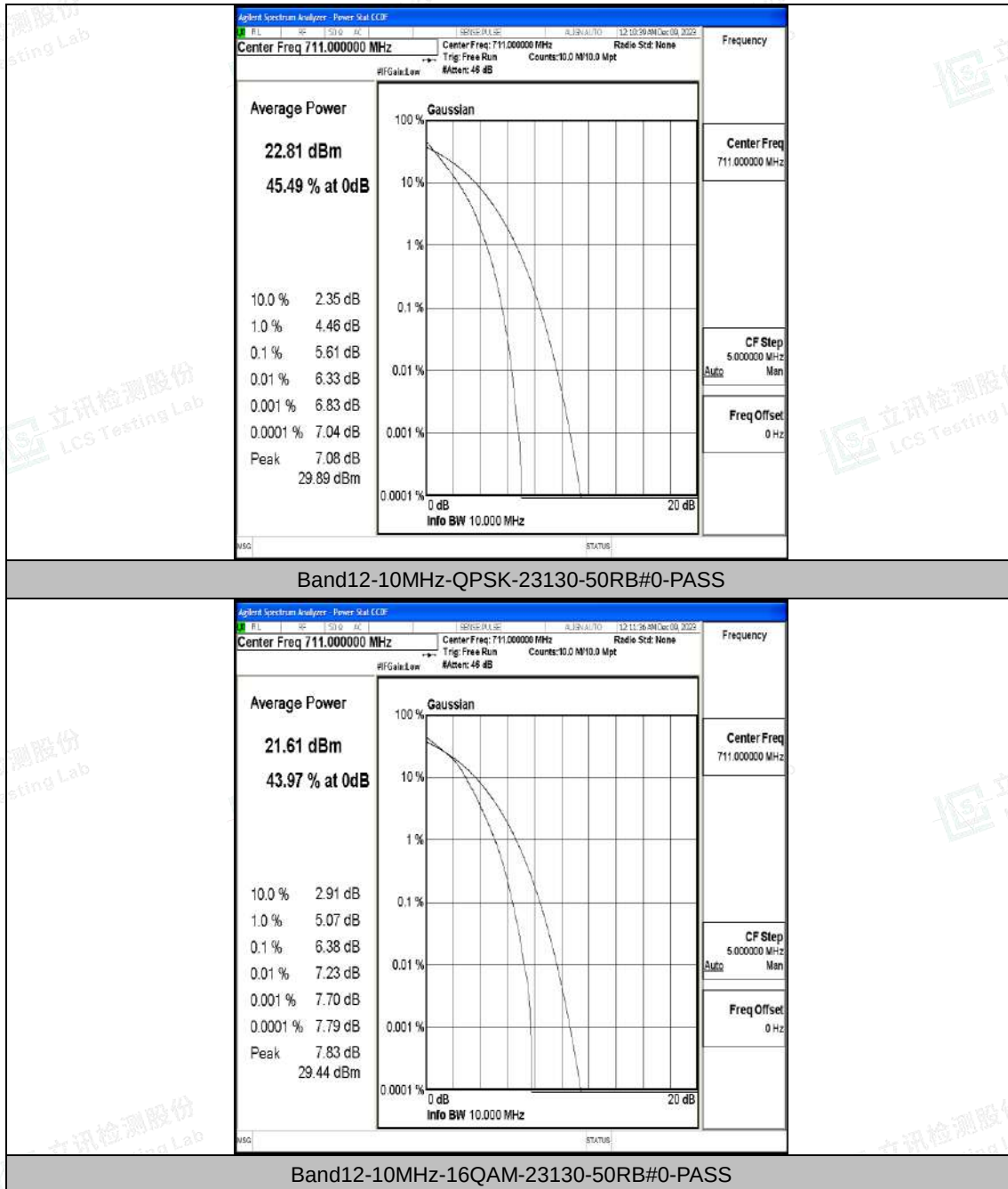


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H.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0919	1.246	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.1002	1.253	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0925	1.236	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0988	1.228	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0943	1.238	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.1002	1.248	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7091	3.010	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.7031	3.024	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7055	3.055	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6965	3.008	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7020	3.022	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6930	3.005	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5061	4.971	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5115	4.982	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5077	4.966	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5101	4.950	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4956	4.952	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5010	4.965	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9808	9.904	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9681	9.884	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9915	9.875	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9919	9.892	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9895	9.874	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9895	9.944	PASS



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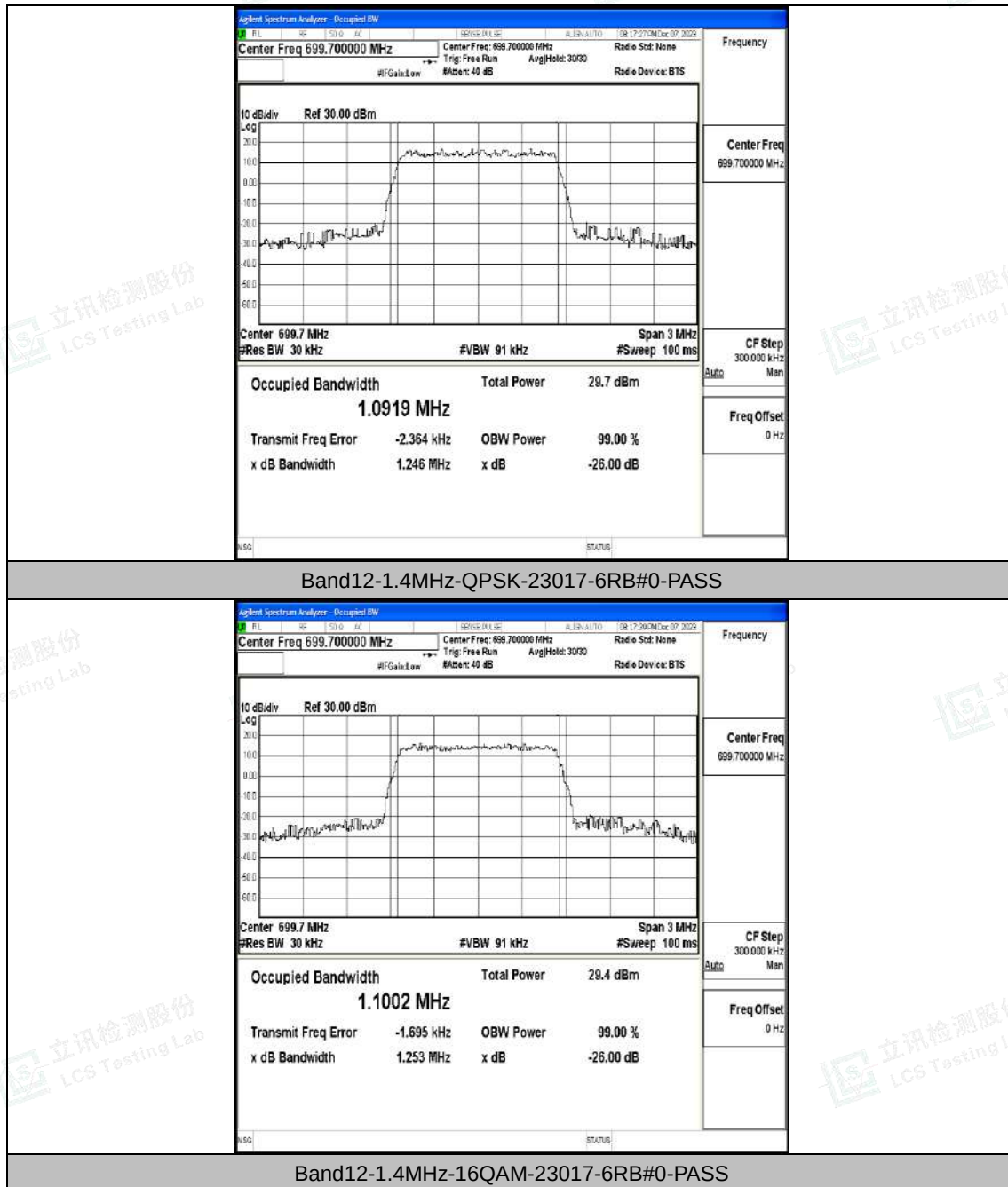
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Test Graphs

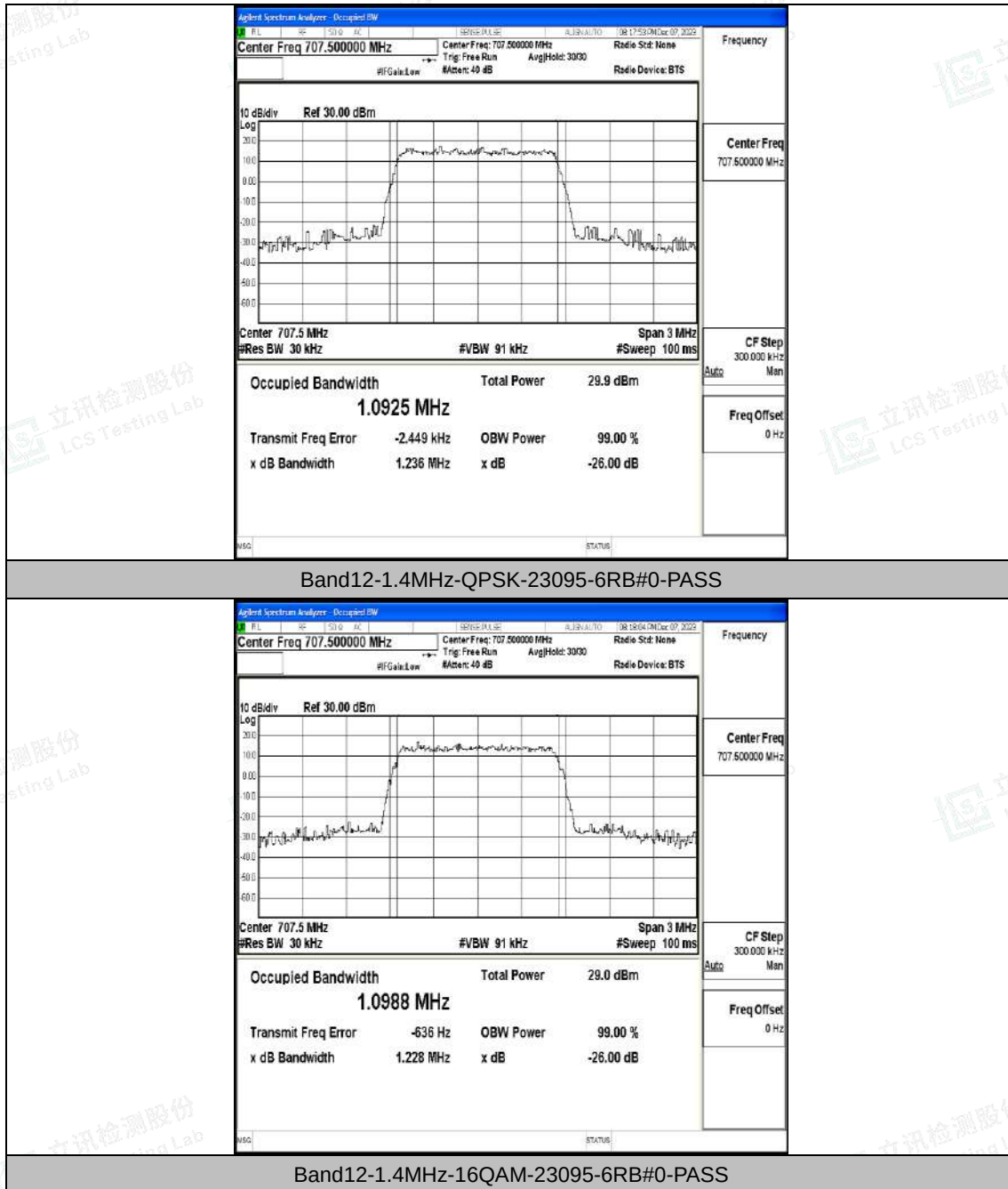


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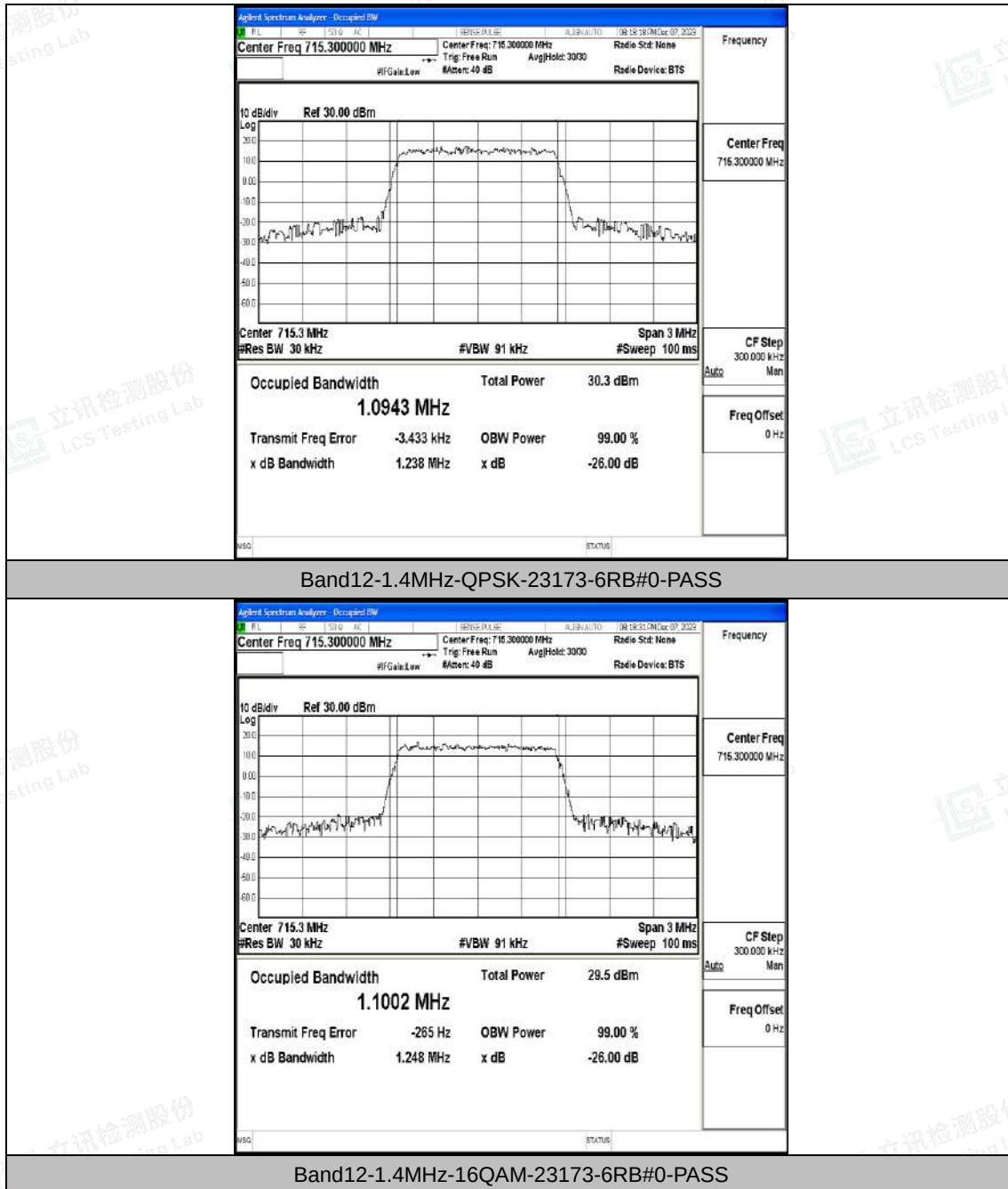


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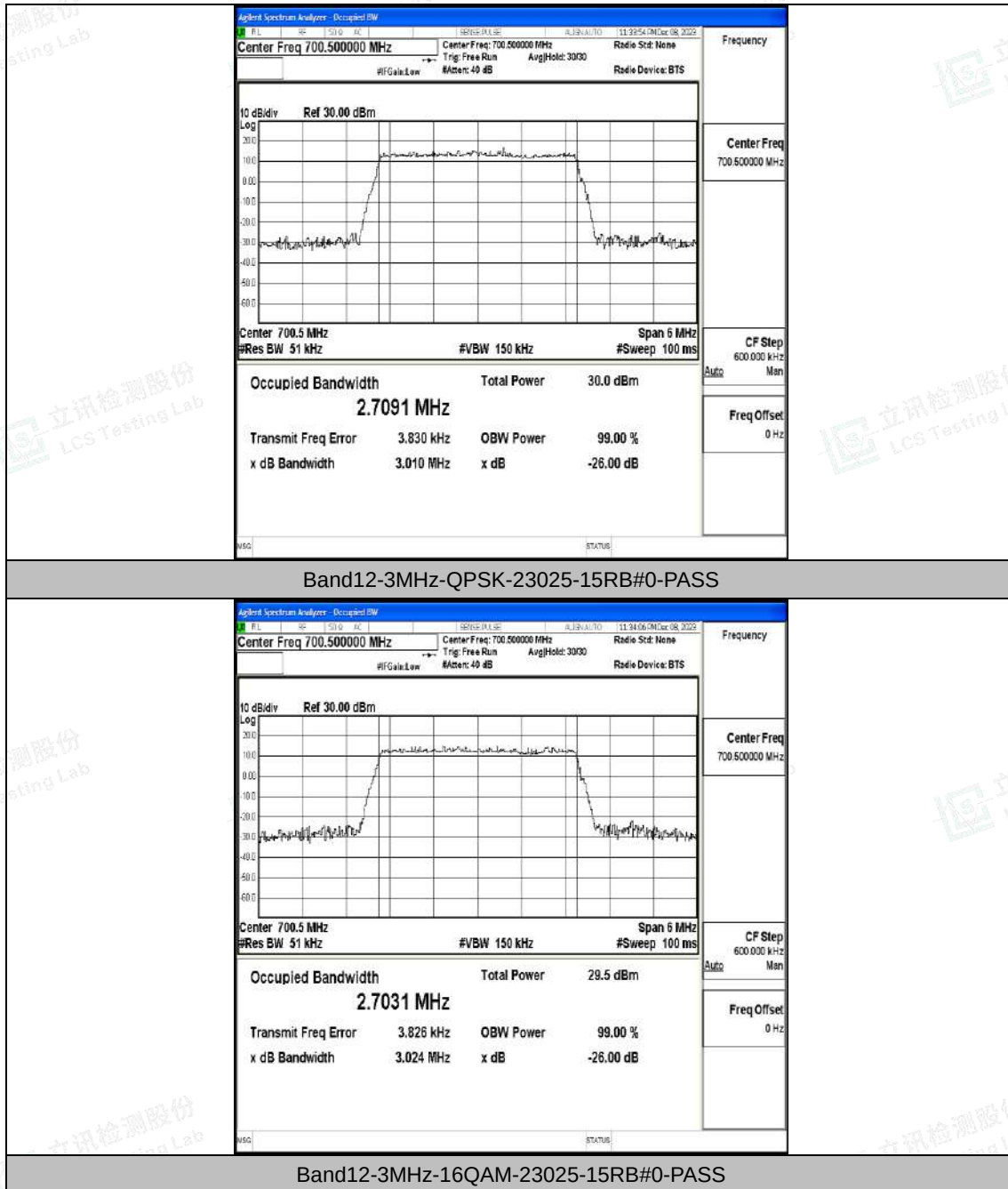


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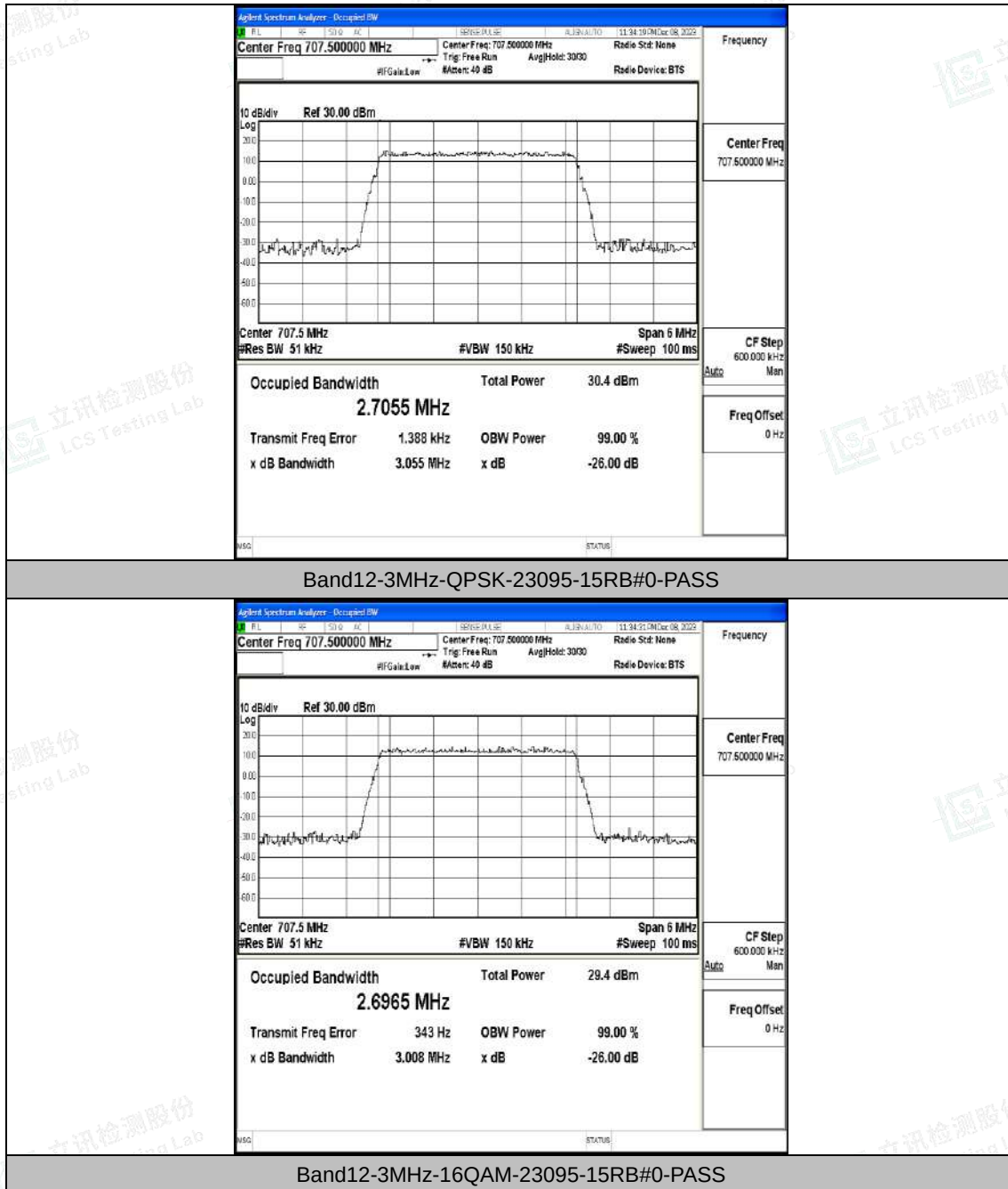


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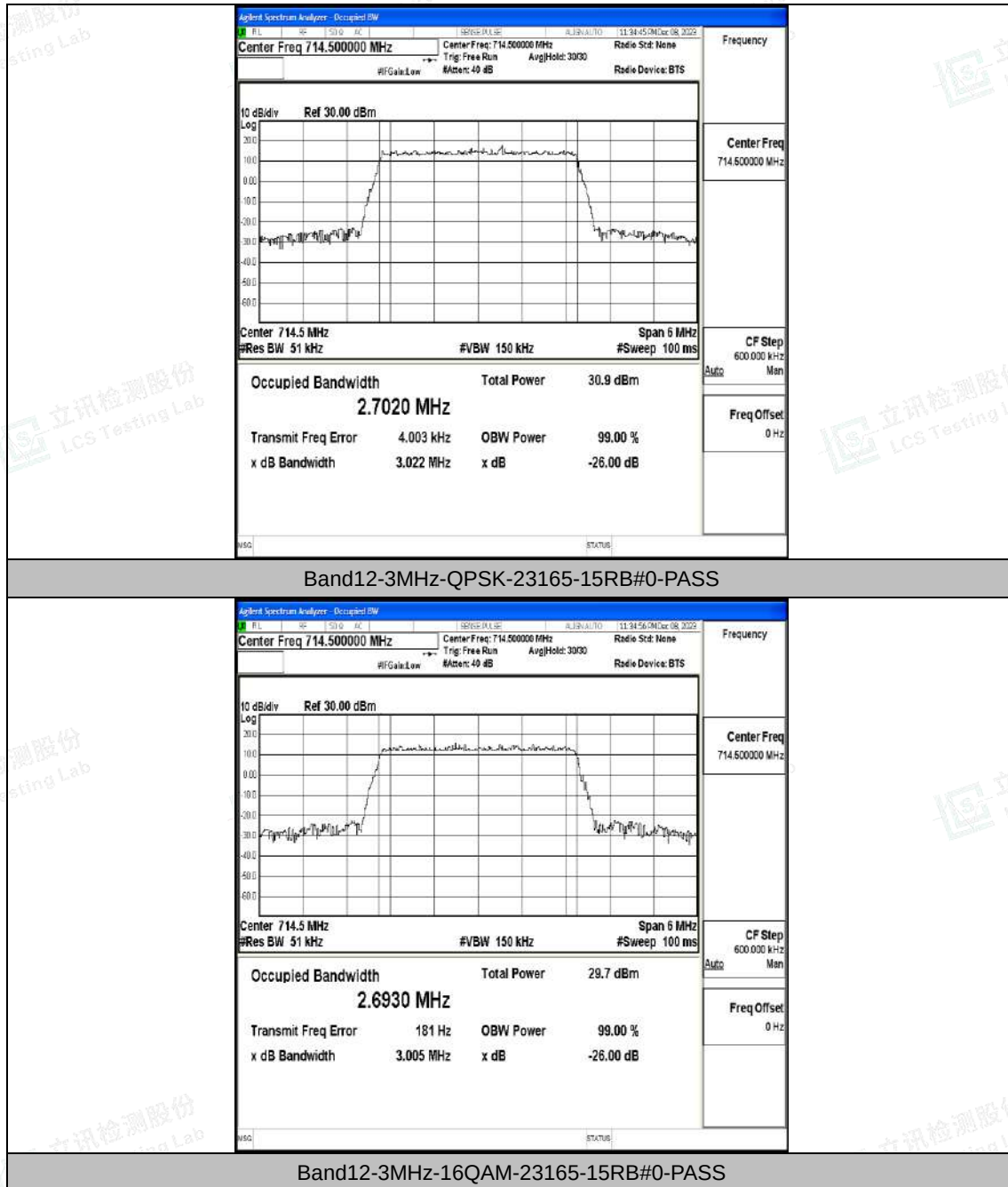


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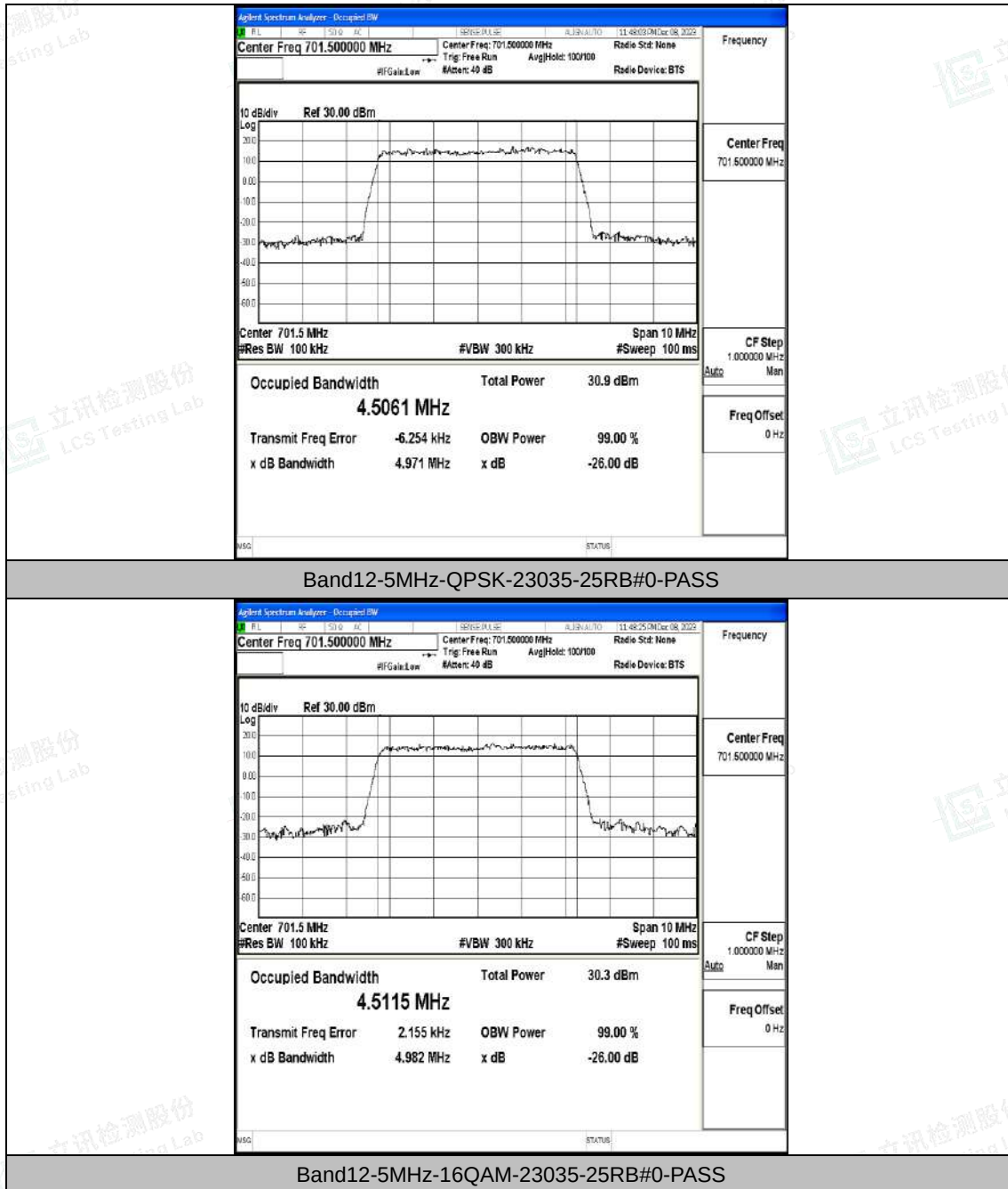


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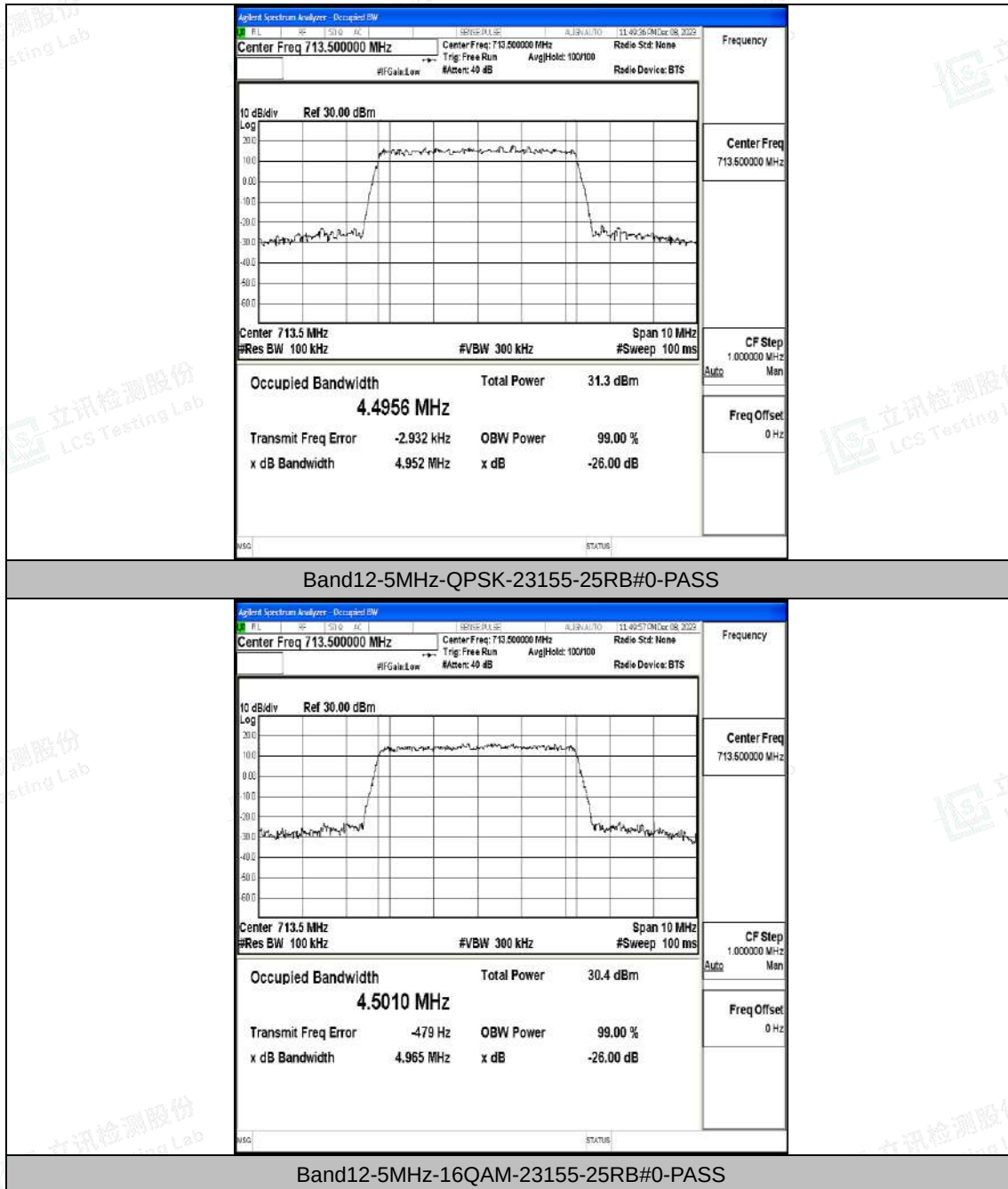


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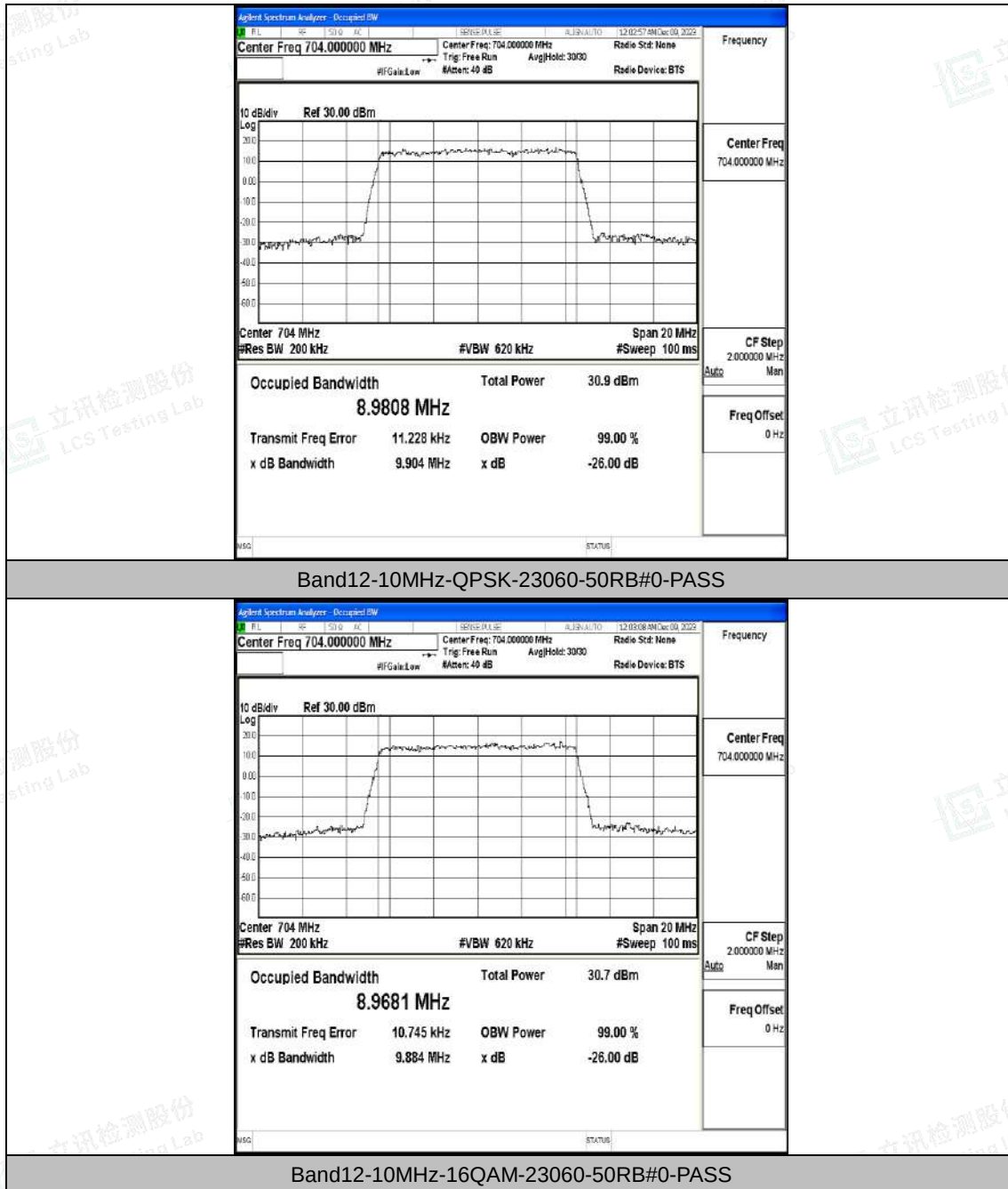


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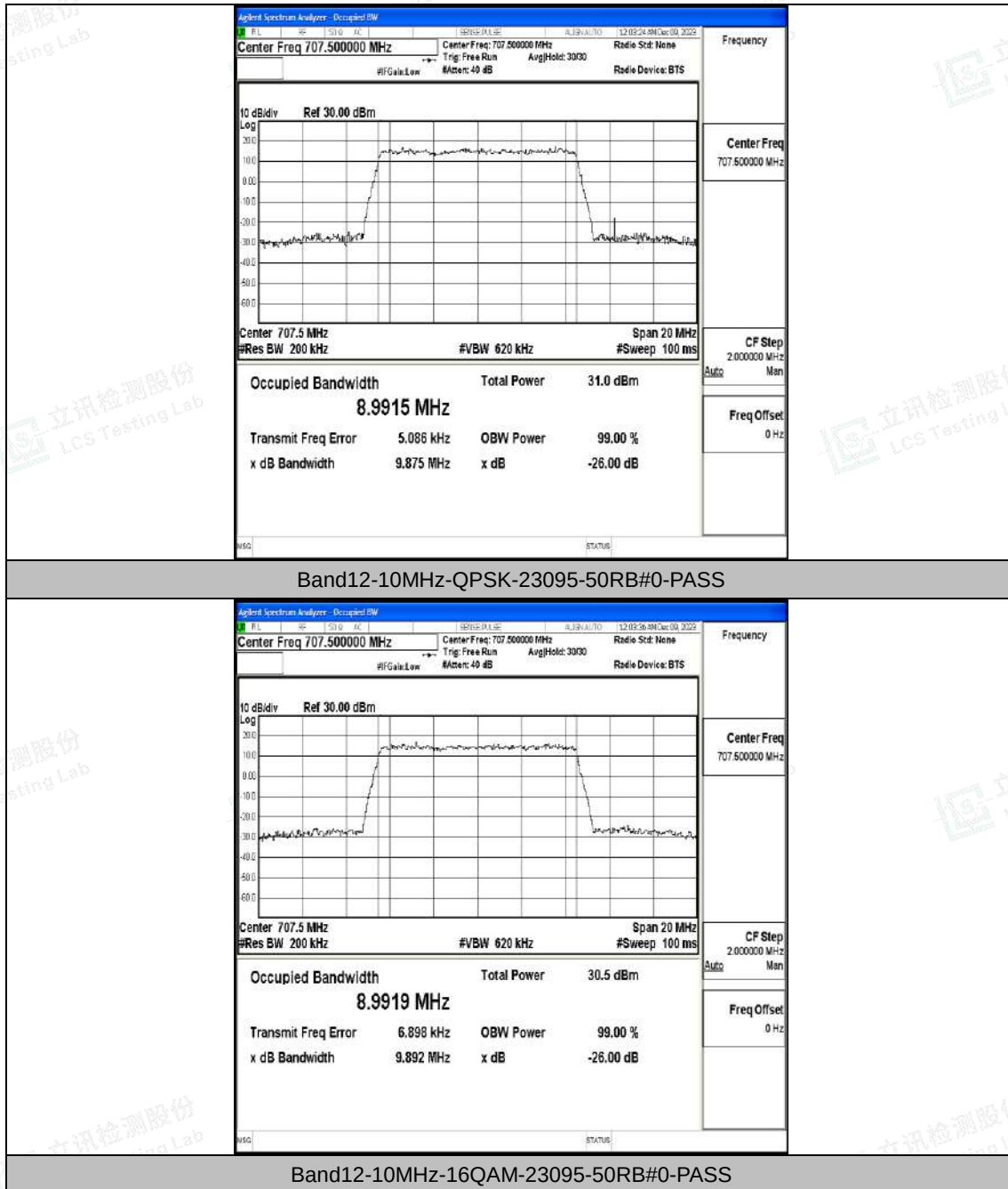


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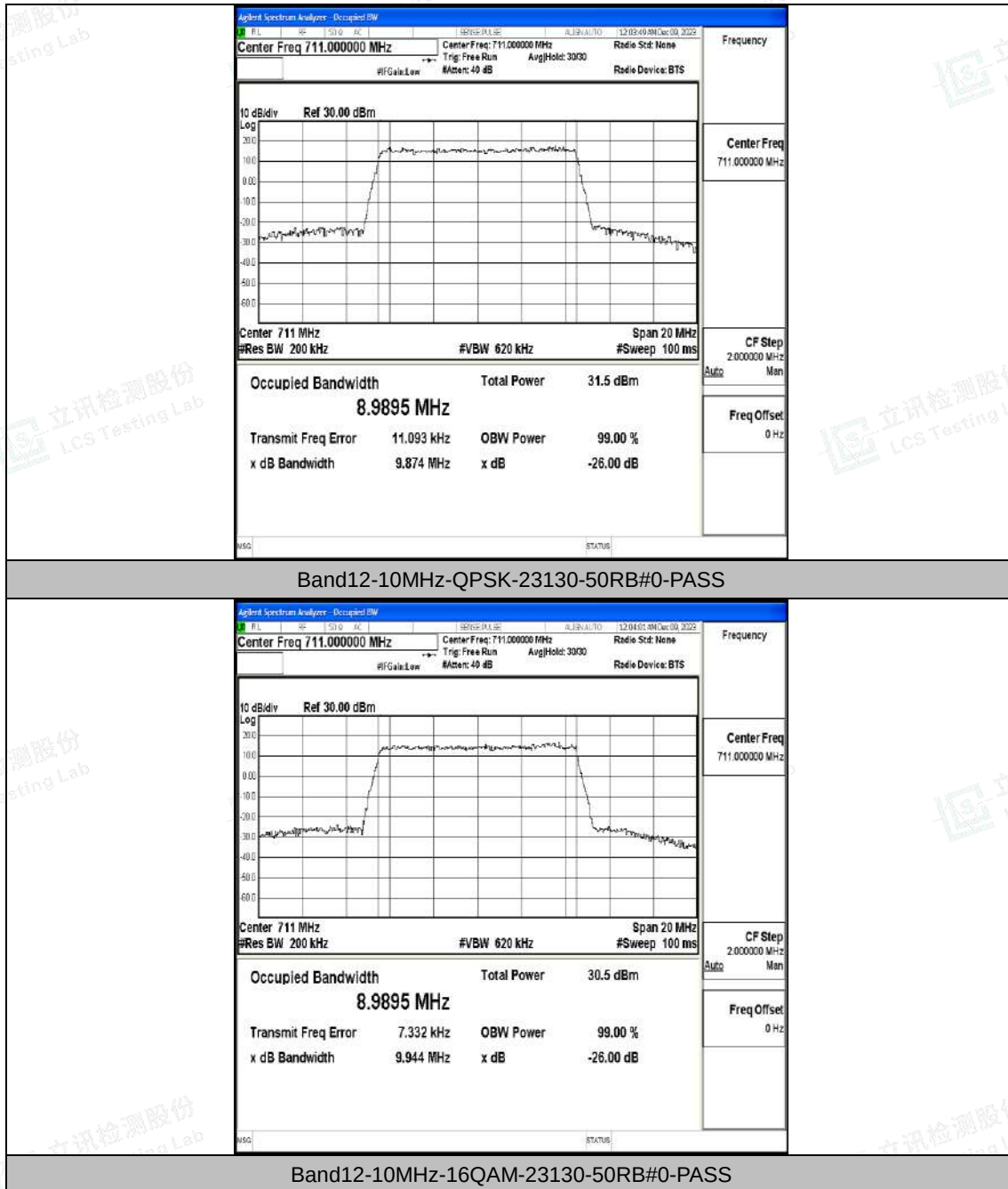


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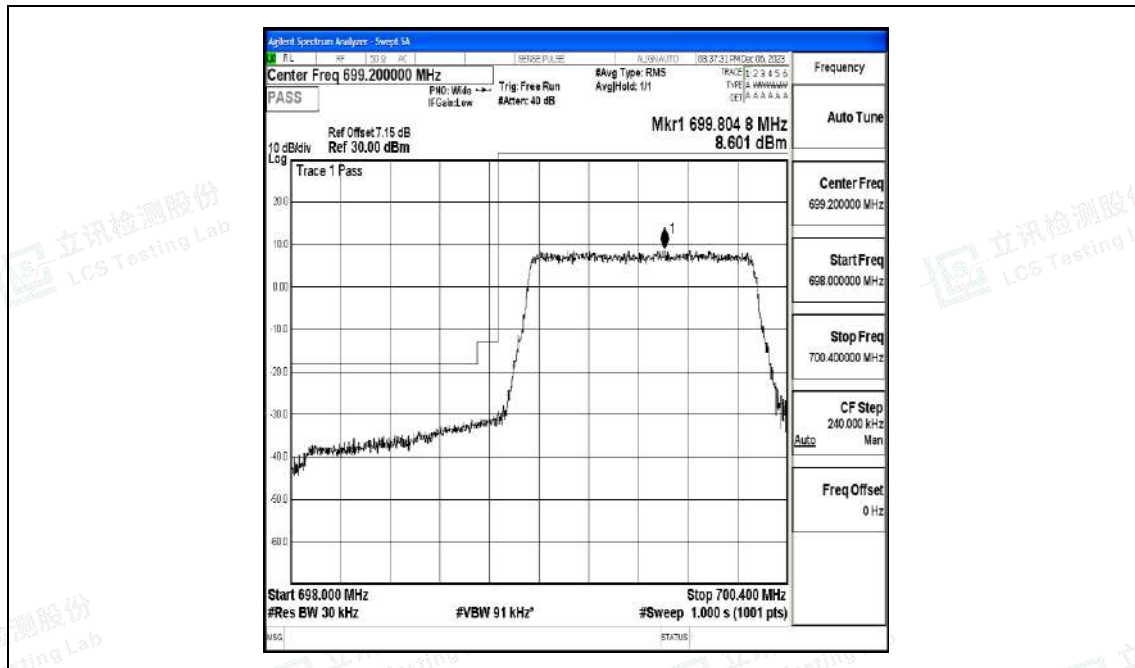


H.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	698.88	-31.22	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	698.85	-30.13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	716.12	-27.71	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	716.13	-27.35	PASS
Band12	3MHz	QPSK	23025	15RB#0	699.00	-23.93	PASS
Band12	3MHz	16QAM	23025	15RB#0	699.00	-25.22	PASS
Band12	3MHz	QPSK	23165	15RB#0	716.01	-24.12	PASS
Band12	3MHz	16QAM	23165	15RB#0	716.00	-23.86	PASS
Band12	5MHz	QPSK	23035	25RB#0	698.88	-35.40	PASS
Band12	5MHz	16QAM	23035	25RB#0	698.88	-35.41	PASS
Band12	5MHz	QPSK	23155	25RB#0	716.11	-34.95	PASS
Band12	5MHz	16QAM	23155	25RB#0	716.12	-33.92	PASS
Band12	10MHz	QPSK	23060	50RB#0	698.89	-39.35	PASS
Band12	10MHz	16QAM	23060	50RB#0	698.86	-40.56	PASS
Band12	10MHz	QPSK	23130	50RB#0	716.12	-40.04	PASS
Band12	10MHz	16QAM	23130	50RB#0	716.20	-41.60	PASS

Test Graphs



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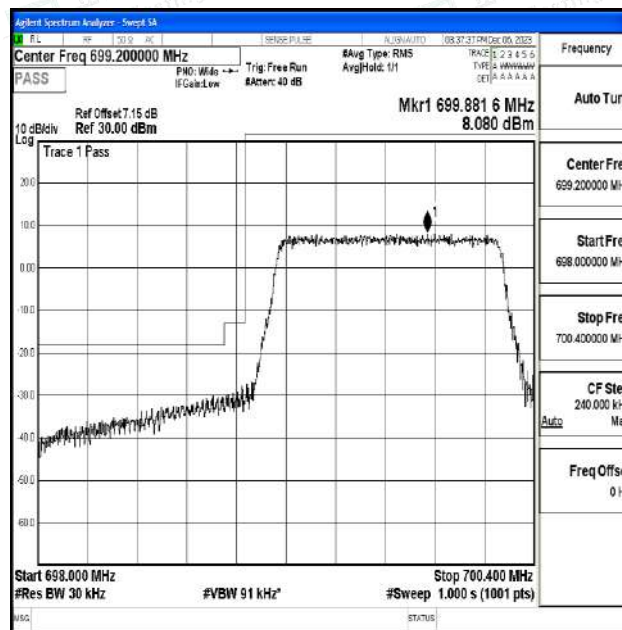
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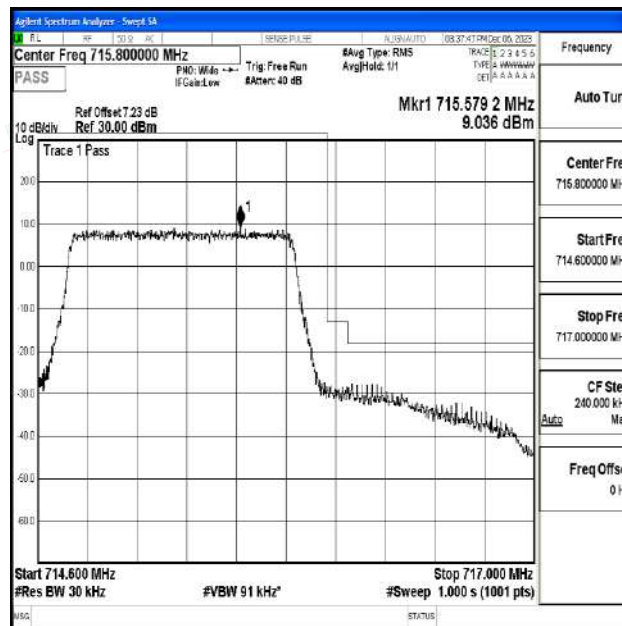
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Band12_1.4MHz_QPSK_23017_6RB#0



Band12_1.4MHz_16QAM_23017_6RB#0



Band12_1.4MHz_QPSK_23173_6RB#0

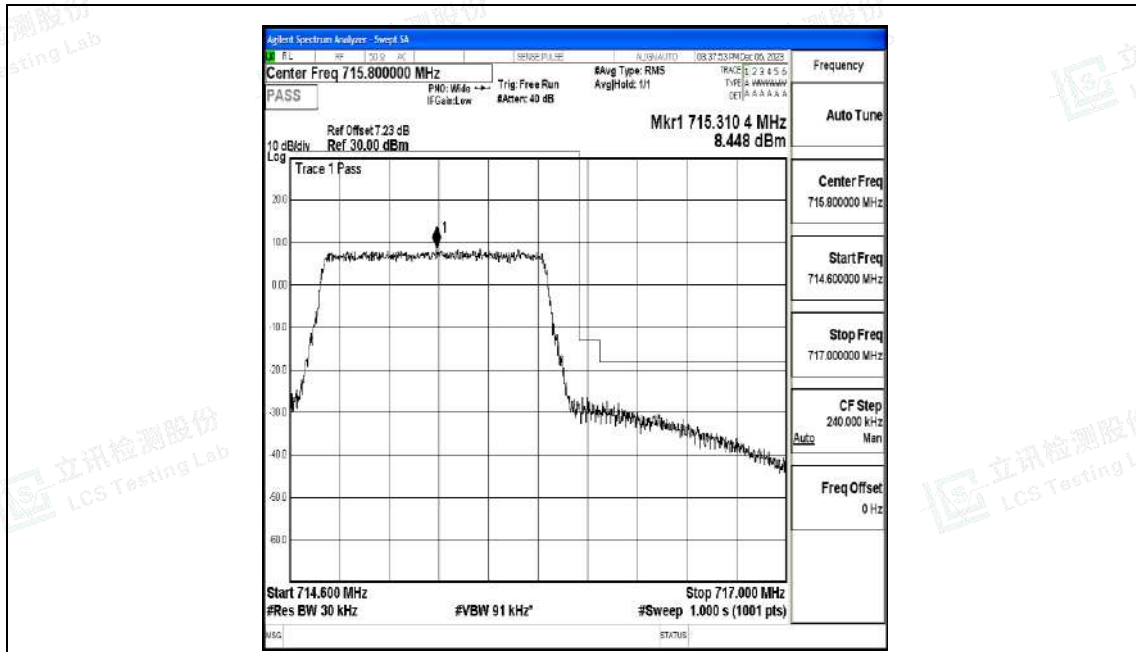


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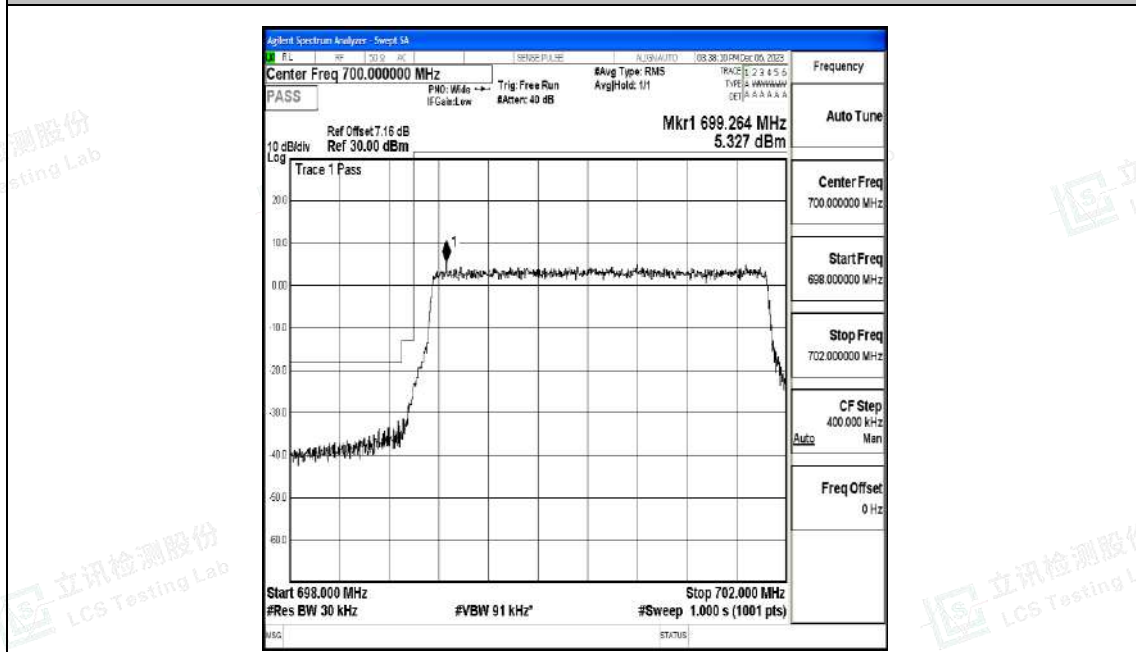
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Band12_1.4MHz_16QAM_23173_6RB#0



Band12_3MHz_QPSK_23025_15RB#0

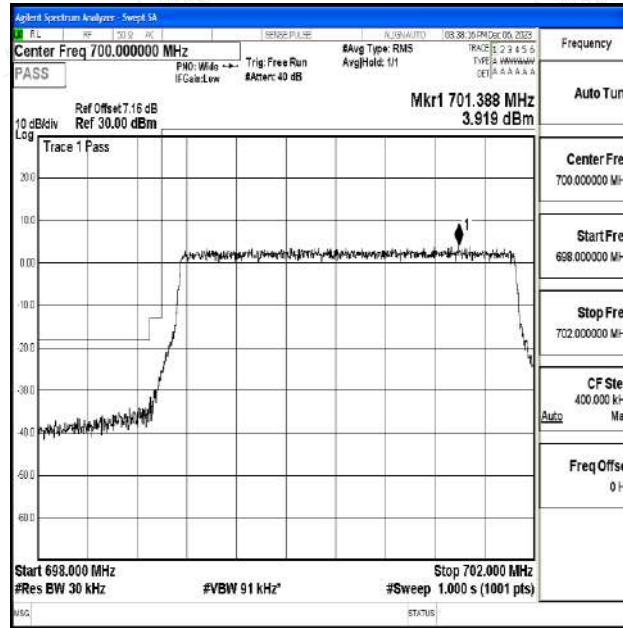


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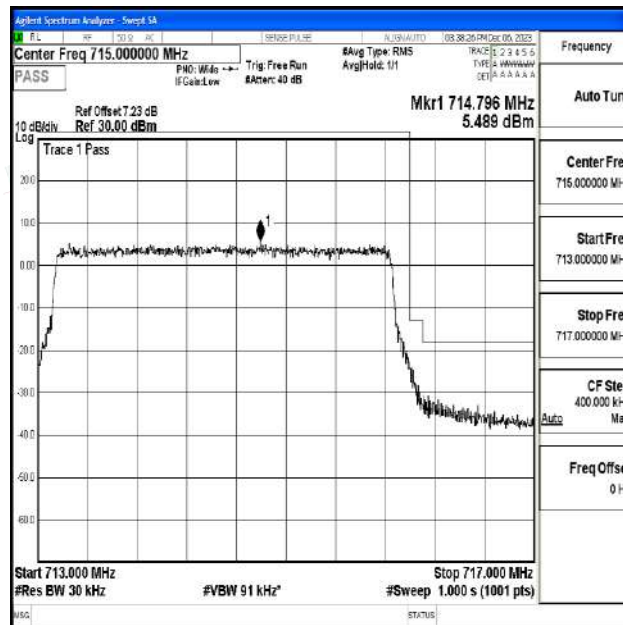
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Band12_3MHz_16QAM_23025_15RB#0



Band12_3MHz_QPSK_23165_15RB#0

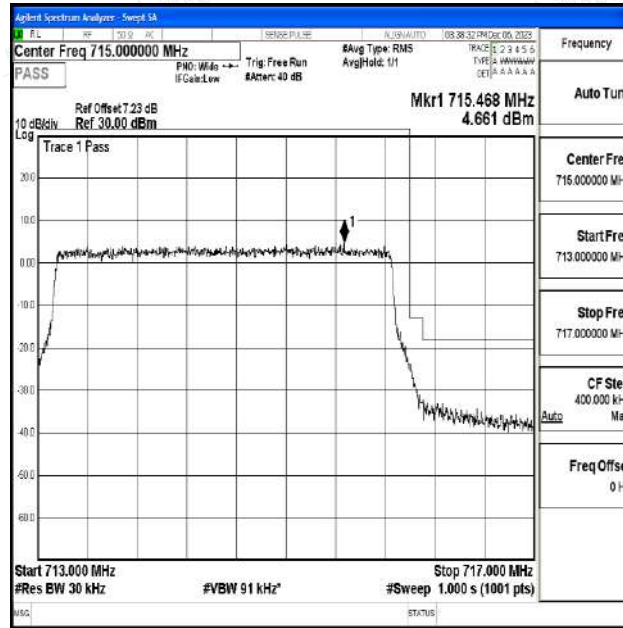


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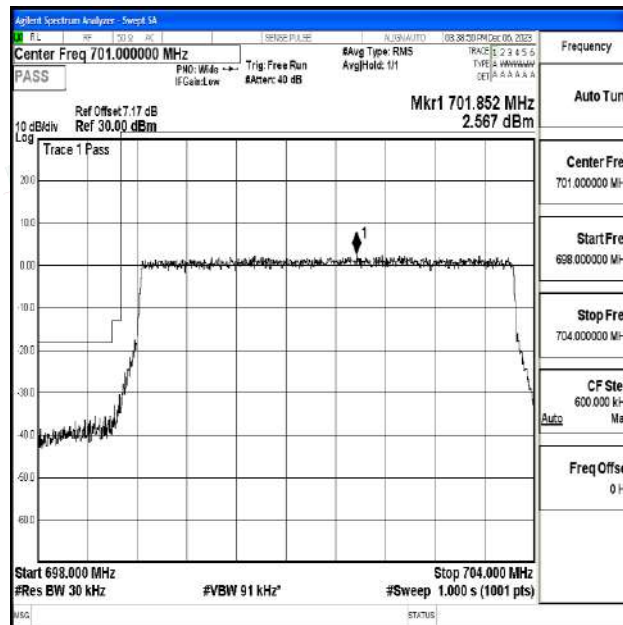
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Band12_3MHz_16QAM_23165_15RB#0



Band12_5MHz_QPSK_23035_25RB#0

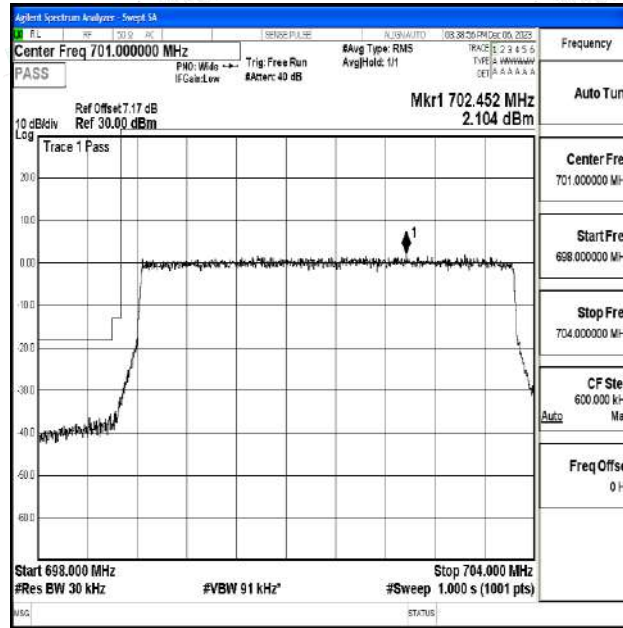


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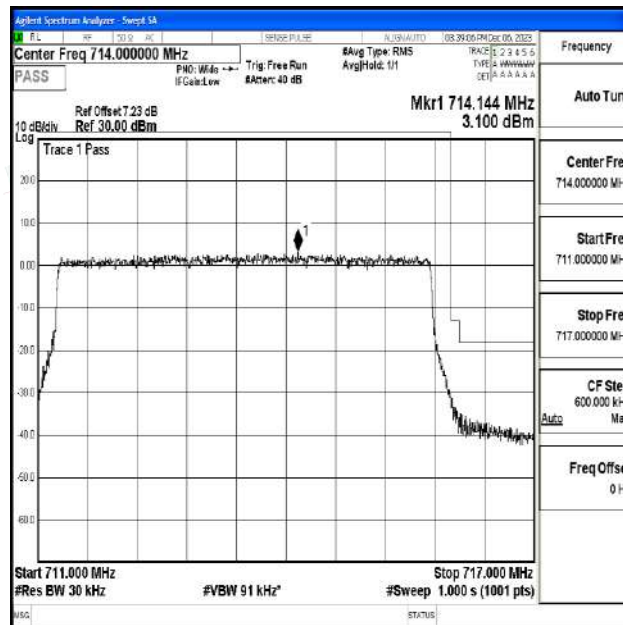
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Band12_5MHz_16QAM_23035_25RB#0



Band12_5MHz_QPSK_23155_25RB#0

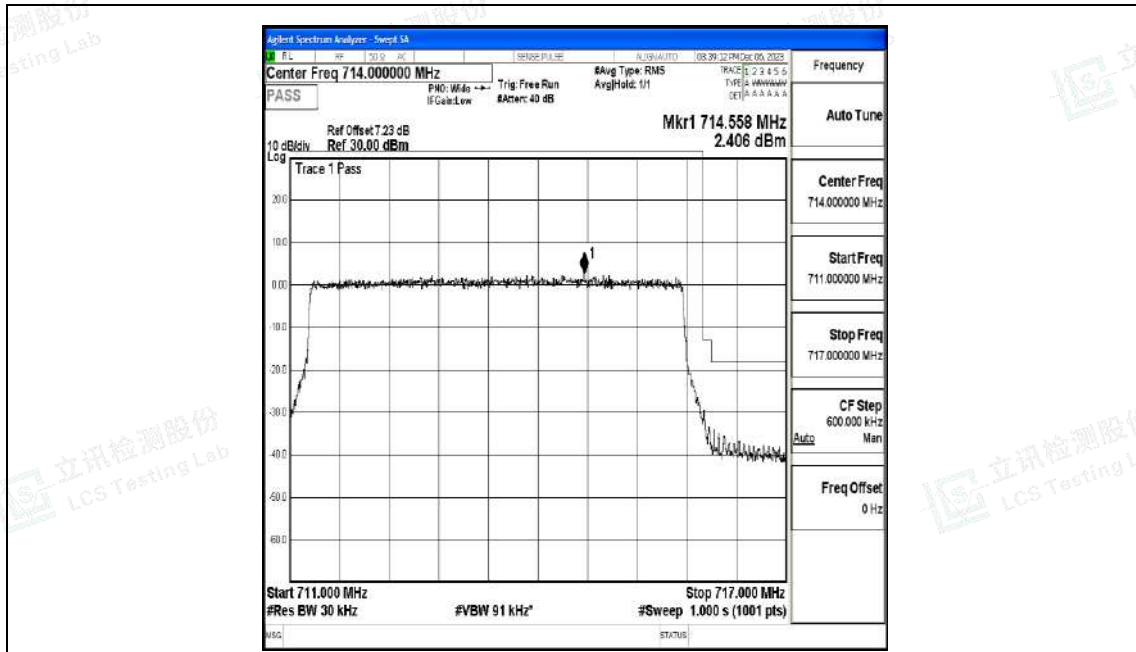


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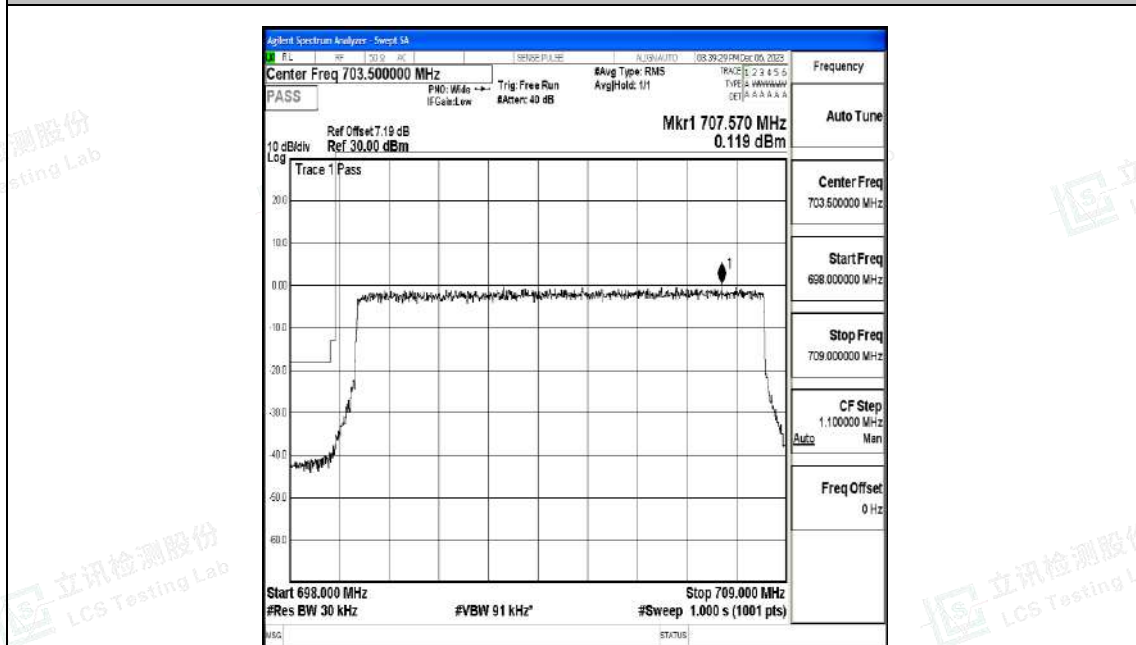
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Band12_5MHz_16QAM_23155_25RB#0



Band12_10MHz_QPSK_23060_50RB#0

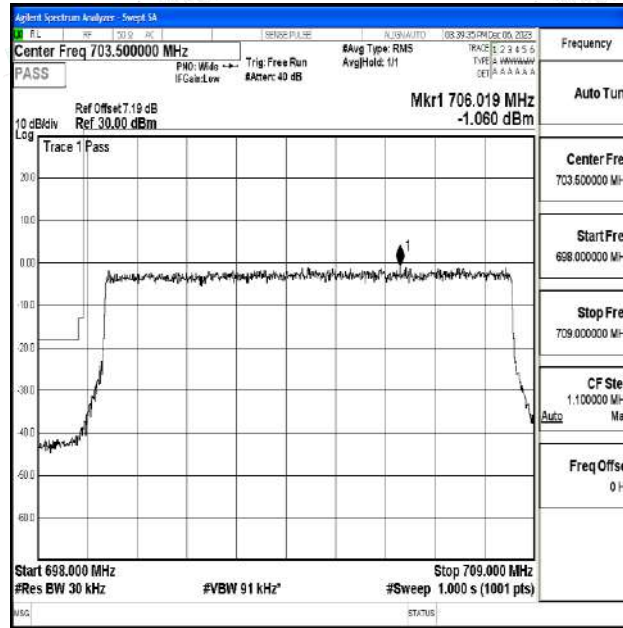


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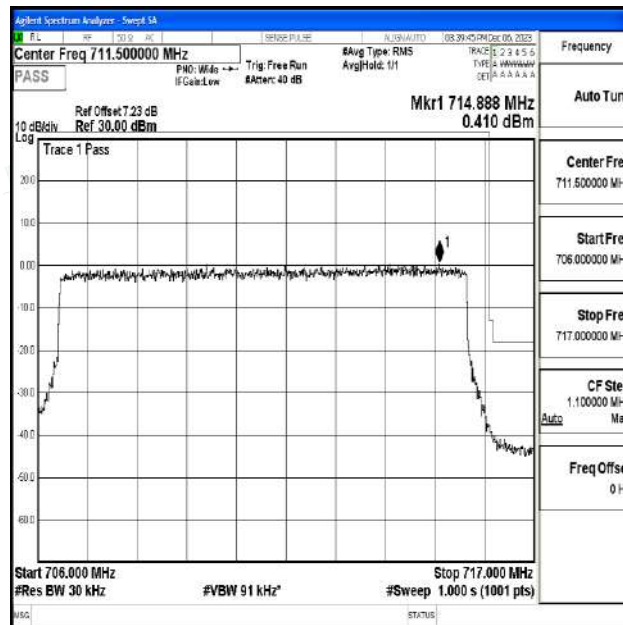
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Band12_10MHz_16QAM_23060_50RB#0



Band12_10MHz_QPSK_23130_50RB#0

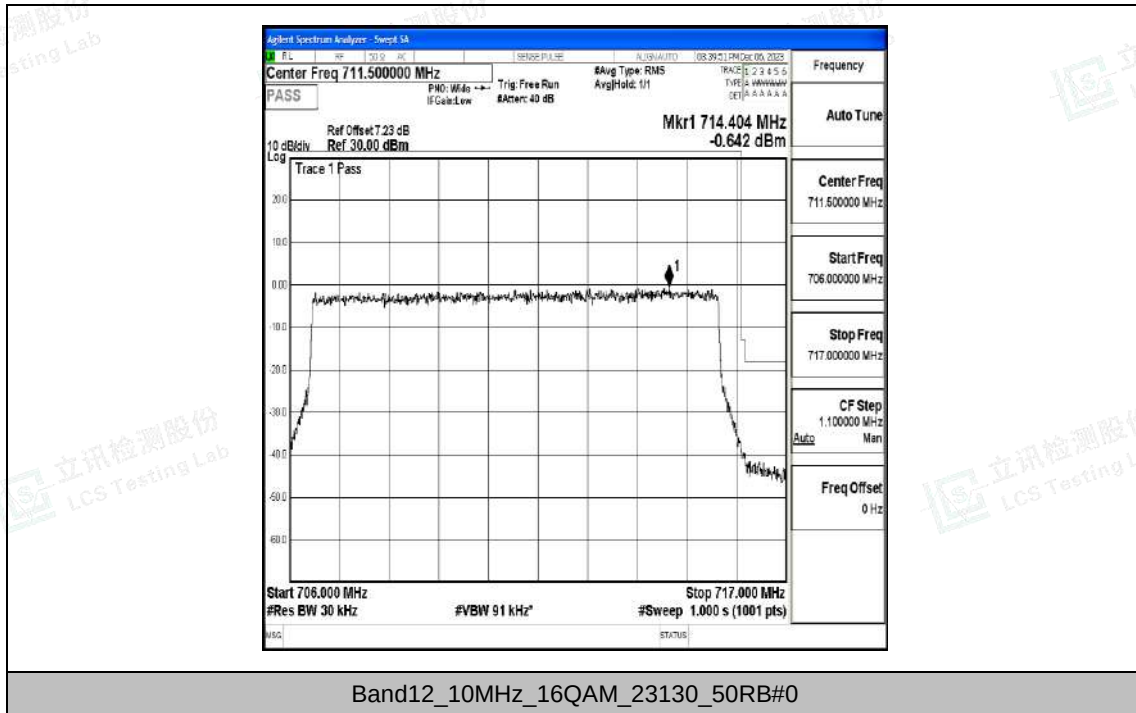


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H.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	0.009~0.15	-58.60	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	0.15~30	-52.36	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	30~1000	-60.34	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	1000~3000	-37.87	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	3000~10000	-44.06	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.009~0.15	-56.97	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.15~30	-50.06	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	30~1000	-59.67	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	1000~3000	-37.18	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	3000~10000	-43.49	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.009~0.15	-55.69	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.15~30	-54.09	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	30~1000	-59.89	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	1000~3000	-36.55	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3000~10000	-44.11	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.009~0.15	-57.99	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.15~30	-51.25	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	30~1000	-60.21	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	1000~3000	-36.66	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	3000~10000	-43.96	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.009~0.15	-58.43	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.15~30	-54.70	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	30~1000	-60.06	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	1000~3000	-41.50	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3000~10000	-44.01	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.009~0.15	-55.93	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.15~30	-51.87	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	30~1000	-59.81	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	1000~3000	-41.29	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	3000~10000	-44.16	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.009~0.15	-59.52	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.15~30	-49.38	PASS
Band12	3MHz	QPSK	23025	1RB#0	30~1000	-60.23	PASS
Band12	3MHz	QPSK	23025	1RB#0	1000~3000	-37.94	PASS
Band12	3MHz	QPSK	23025	1RB#0	3000~10000	-44.26	PASS



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Band12	3MHz	16QAM	23025	1RB#0	0.009~0.15	-58.25	PASS
Band12	3MHz	16QAM	23025	1RB#0	0.15~30	-52.66	PASS
Band12	3MHz	16QAM	23025	1RB#0	30~1000	-60.67	PASS
Band12	3MHz	16QAM	23025	1RB#0	1000~3000	-38.60	PASS
Band12	3MHz	16QAM	23025	1RB#0	3000~10000	-44.17	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.009~0.15	-57.74	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.15~30	-51.61	PASS
Band12	3MHz	QPSK	23095	1RB#0	30~1000	-60.27	PASS
Band12	3MHz	QPSK	23095	1RB#0	1000~3000	-37.46	PASS
Band12	3MHz	QPSK	23095	1RB#0	3000~10000	-43.89	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.009~0.15	-57.35	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.15~30	-51.37	PASS
Band12	3MHz	16QAM	23095	1RB#0	30~1000	-60.31	PASS
Band12	3MHz	16QAM	23095	1RB#0	1000~3000	-37.84	PASS
Band12	3MHz	16QAM	23095	1RB#0	3000~10000	-43.88	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.009~0.15	-57.47	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.15~30	-52.67	PASS
Band12	3MHz	QPSK	23165	1RB#0	30~1000	-59.75	PASS
Band12	3MHz	QPSK	23165	1RB#0	1000~3000	-40.06	PASS
Band12	3MHz	QPSK	23165	1RB#0	3000~10000	-43.87	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.009~0.15	-58.23	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.15~30	-51.65	PASS
Band12	3MHz	16QAM	23165	1RB#0	30~1000	-59.57	PASS
Band12	3MHz	16QAM	23165	1RB#0	1000~3000	-40.43	PASS
Band12	3MHz	16QAM	23165	1RB#0	3000~10000	-43.95	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.009~0.15	-58.82	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.15~30	-50.91	PASS
Band12	5MHz	QPSK	23035	1RB#0	30~1000	-60.74	PASS
Band12	5MHz	QPSK	23035	1RB#0	1000~3000	-37.34	PASS
Band12	5MHz	QPSK	23035	1RB#0	3000~10000	-43.62	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.009~0.15	-58.23	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.15~30	-50.51	PASS
Band12	5MHz	16QAM	23035	1RB#0	30~1000	-62.06	PASS
Band12	5MHz	16QAM	23035	1RB#0	1000~3000	-38.37	PASS
Band12	5MHz	16QAM	23035	1RB#0	3000~10000	-44.11	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.009~0.15	-56.56	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.15~30	-53.51	PASS
Band12	5MHz	QPSK	23095	1RB#0	30~1000	-61.43	PASS
Band12	5MHz	QPSK	23095	1RB#0	1000~3000	-37.69	PASS
Band12	5MHz	QPSK	23095	1RB#0	3000~10000	-44.14	PASS



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Band12	5MHz	16QAM	23095	1RB#0	0.009~0.15	-57.95	PASS
Band12	5MHz	16QAM	23095	1RB#0	0.15~30	-50.45	PASS
Band12	5MHz	16QAM	23095	1RB#0	30~1000	-61.59	PASS
Band12	5MHz	16QAM	23095	1RB#0	1000~3000	-38.27	PASS
Band12	5MHz	16QAM	23095	1RB#0	3000~10000	-44.03	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.009~0.15	-56.47	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.15~30	-50.05	PASS
Band12	5MHz	QPSK	23155	1RB#0	30~1000	-61.70	PASS
Band12	5MHz	QPSK	23155	1RB#0	1000~3000	-36.21	PASS
Band12	5MHz	QPSK	23155	1RB#0	3000~10000	-43.70	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.009~0.15	-55.91	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.15~30	-51.91	PASS
Band12	5MHz	16QAM	23155	1RB#0	30~1000	-62.01	PASS
Band12	5MHz	16QAM	23155	1RB#0	1000~3000	-37.64	PASS
Band12	5MHz	16QAM	23155	1RB#0	3000~10000	-44.00	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.009~0.15	-58.24	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.15~30	-52.52	PASS
Band12	10MHz	QPSK	23060	1RB#0	30~1000	-62.08	PASS
Band12	10MHz	QPSK	23060	1RB#0	1000~3000	-38.70	PASS
Band12	10MHz	QPSK	23060	1RB#0	3000~10000	-43.89	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.009~0.15	-56.07	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.15~30	-51.91	PASS
Band12	10MHz	16QAM	23060	1RB#0	30~1000	-61.87	PASS
Band12	10MHz	16QAM	23060	1RB#0	1000~3000	-38.44	PASS
Band12	10MHz	16QAM	23060	1RB#0	3000~10000	-43.98	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.009~0.15	-58.35	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.15~30	-51.23	PASS
Band12	10MHz	QPSK	23095	1RB#0	30~1000	-62.02	PASS
Band12	10MHz	QPSK	23095	1RB#0	1000~3000	-41.17	PASS
Band12	10MHz	QPSK	23095	1RB#0	3000~10000	-44.32	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.009~0.15	-57.70	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.15~30	-55.12	PASS
Band12	10MHz	16QAM	23095	1RB#0	30~1000	-61.87	PASS
Band12	10MHz	16QAM	23095	1RB#0	1000~3000	-41.81	PASS
Band12	10MHz	16QAM	23095	1RB#0	3000~10000	-43.89	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.009~0.15	-58.55	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.15~30	-51.97	PASS
Band12	10MHz	QPSK	23130	1RB#0	30~1000	-61.91	PASS
Band12	10MHz	QPSK	23130	1RB#0	1000~3000	-37.12	PASS
Band12	10MHz	QPSK	23130	1RB#0	3000~10000	-43.94	PASS



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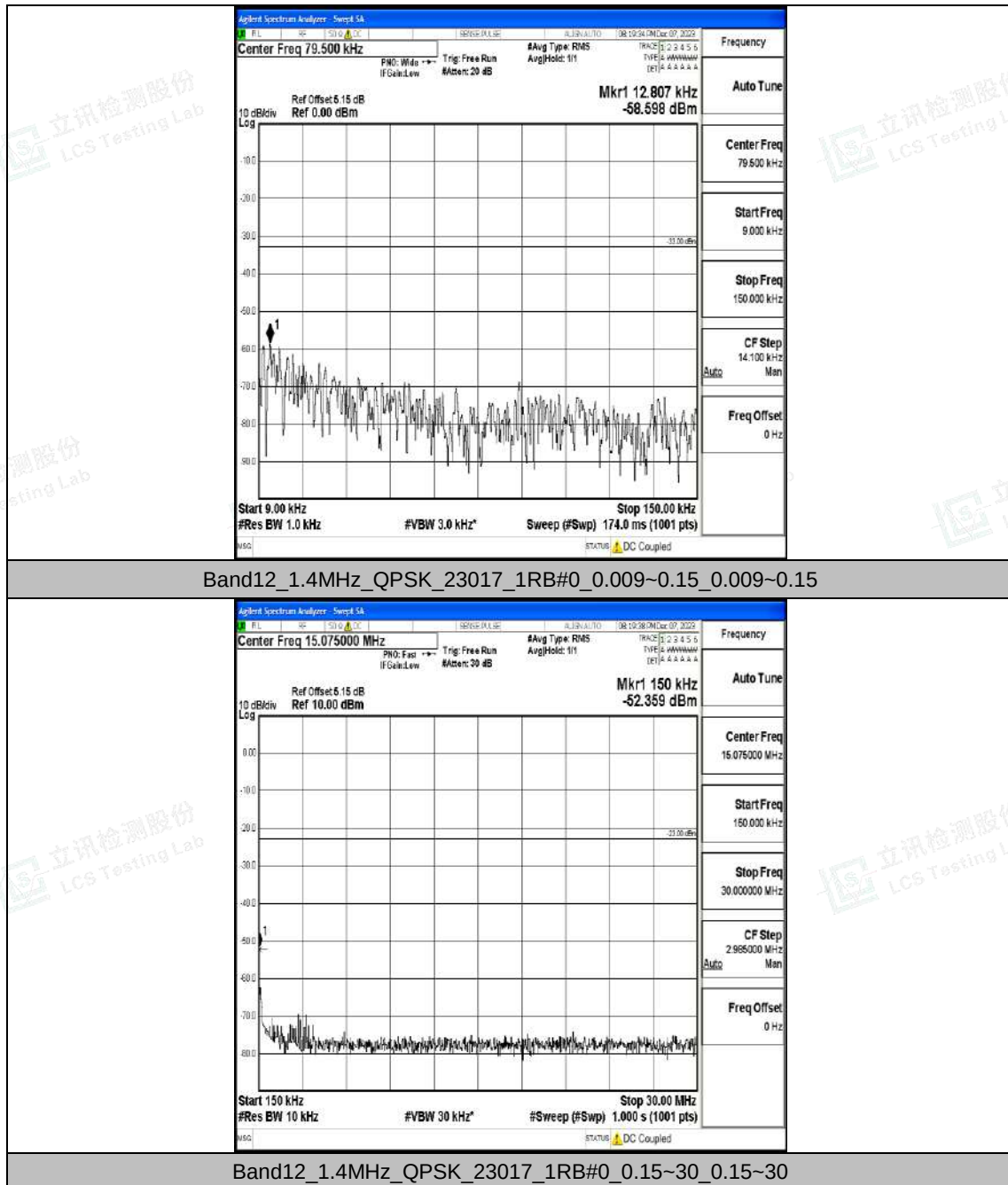
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Band12	10MHz	16QAM	23130	1RB#0	0.009~0.15	-58.95	PASS
Band12	10MHz	16QAM	23130	1RB#0	0.15~30	-52.47	PASS
Band12	10MHz	16QAM	23130	1RB#0	30~1000	-62.03	PASS
Band12	10MHz	16QAM	23130	1RB#0	1000~3000	-37.71	PASS
Band12	10MHz	16QAM	23130	1RB#0	3000~10000	-43.98	PASS

Test Graphs

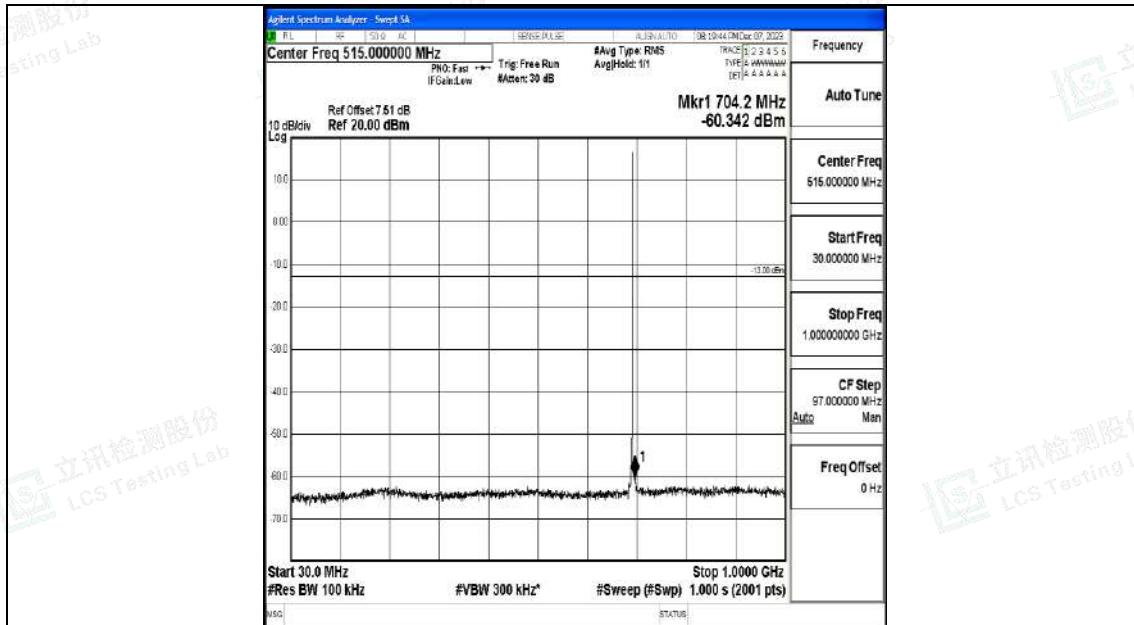


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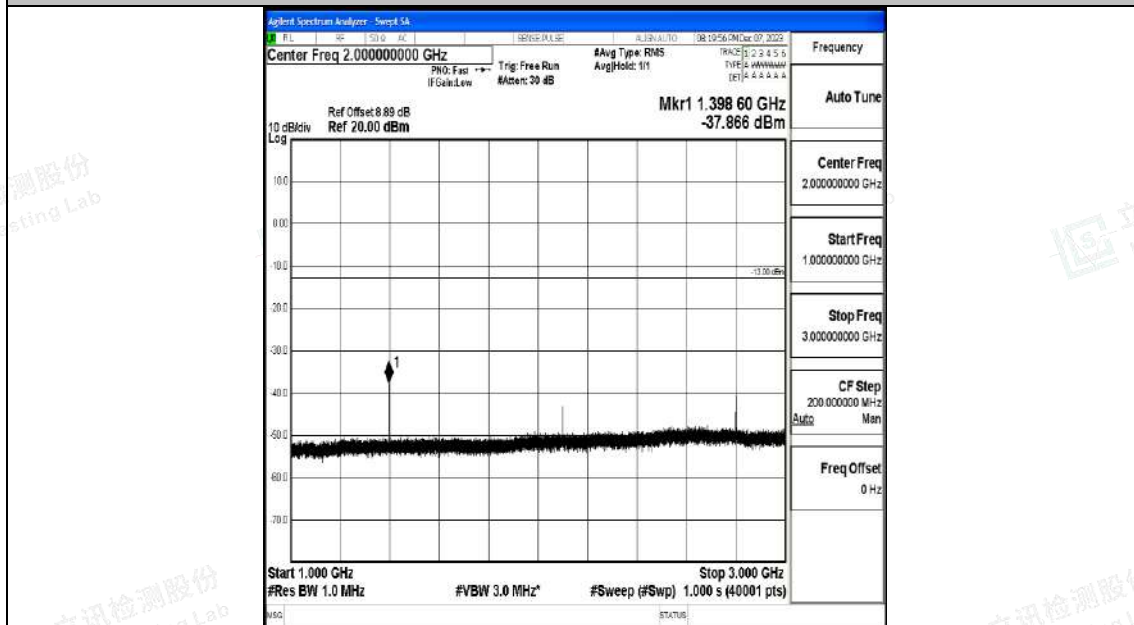
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Band12_1.4MHz_QPSK_23017_1RB#0_30~1000_30~1000



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

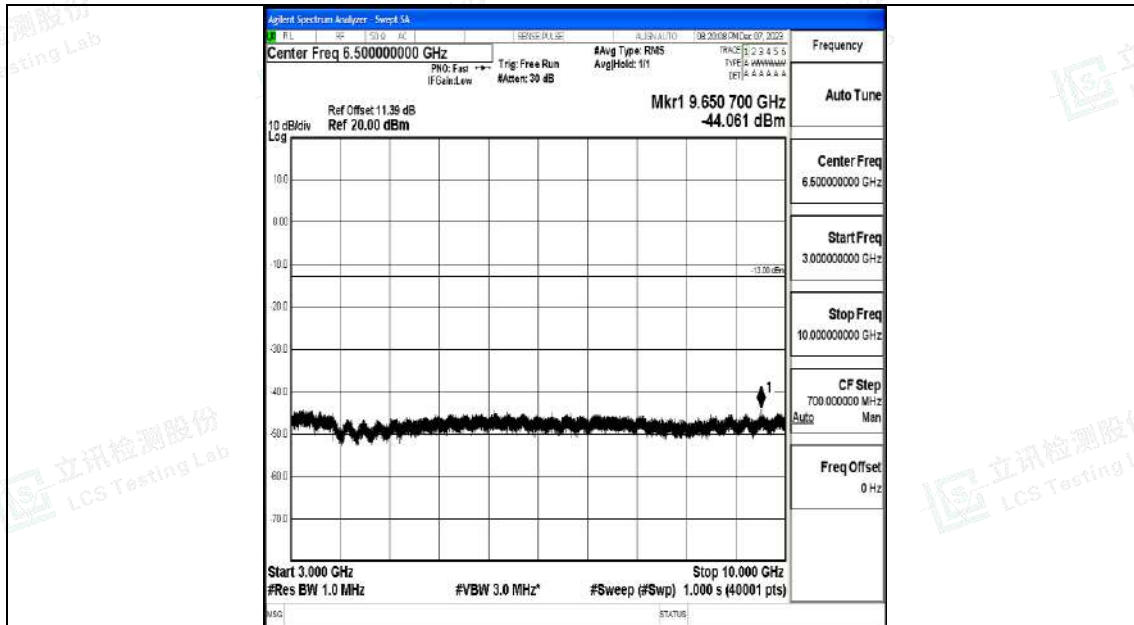


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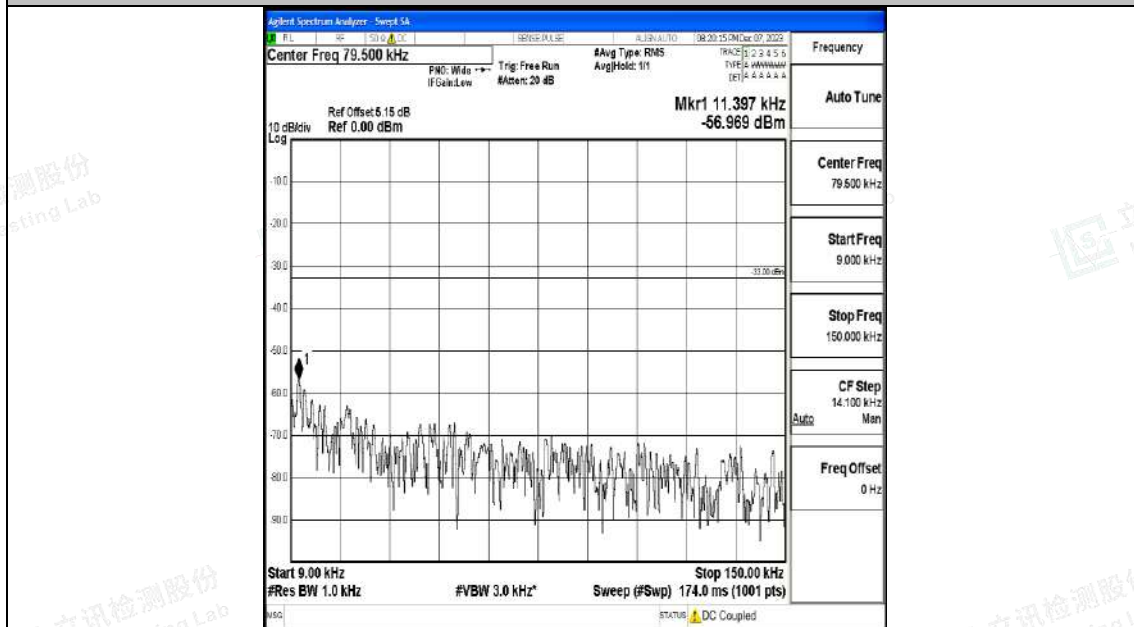
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Band12_1.4MHz_QPSK_23017_1RB#0_3000~10000_3000~10000



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

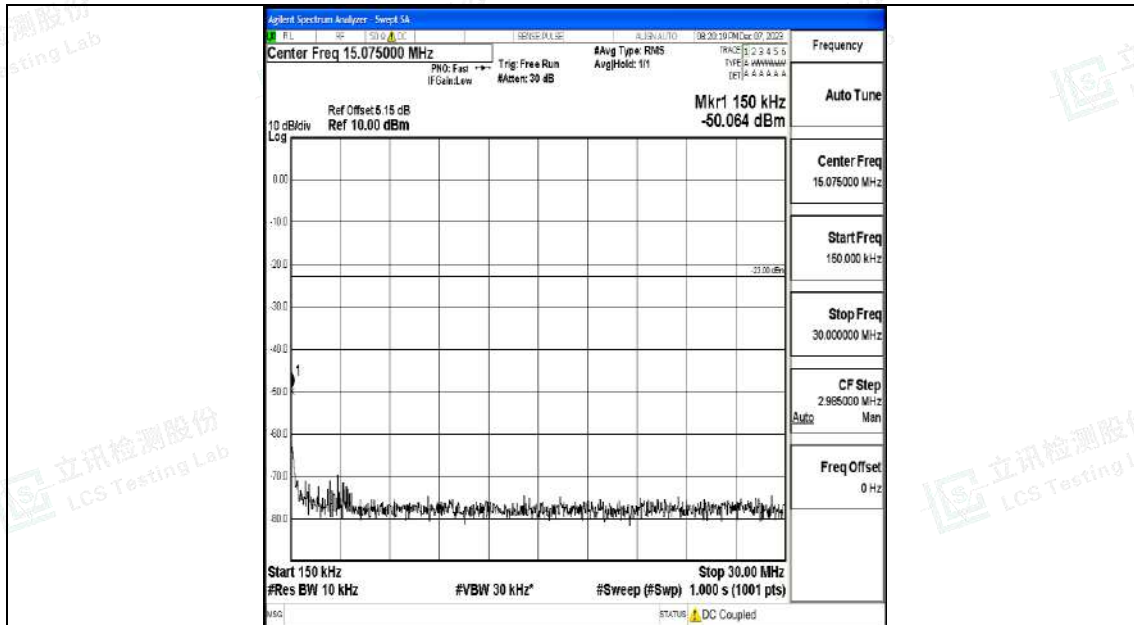


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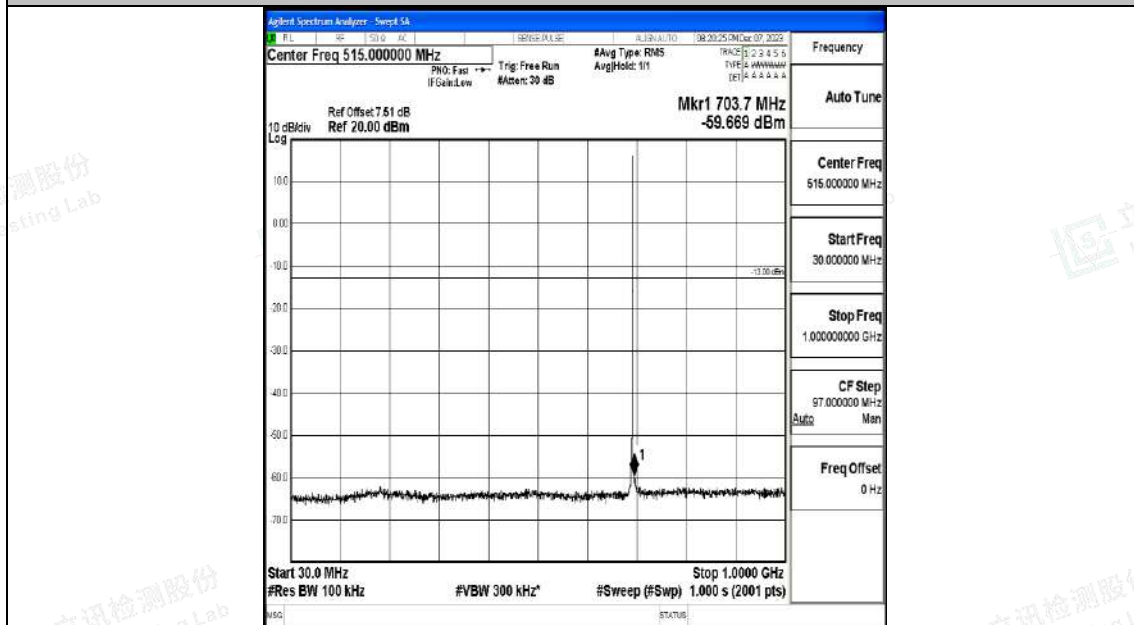
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Band12_1.4MHz_16QAM_23017_1RB#0_0.15~30_0.15~30



Band12_1.4MHz_16QAM_23017_1RB#0_30~1000_30~1000

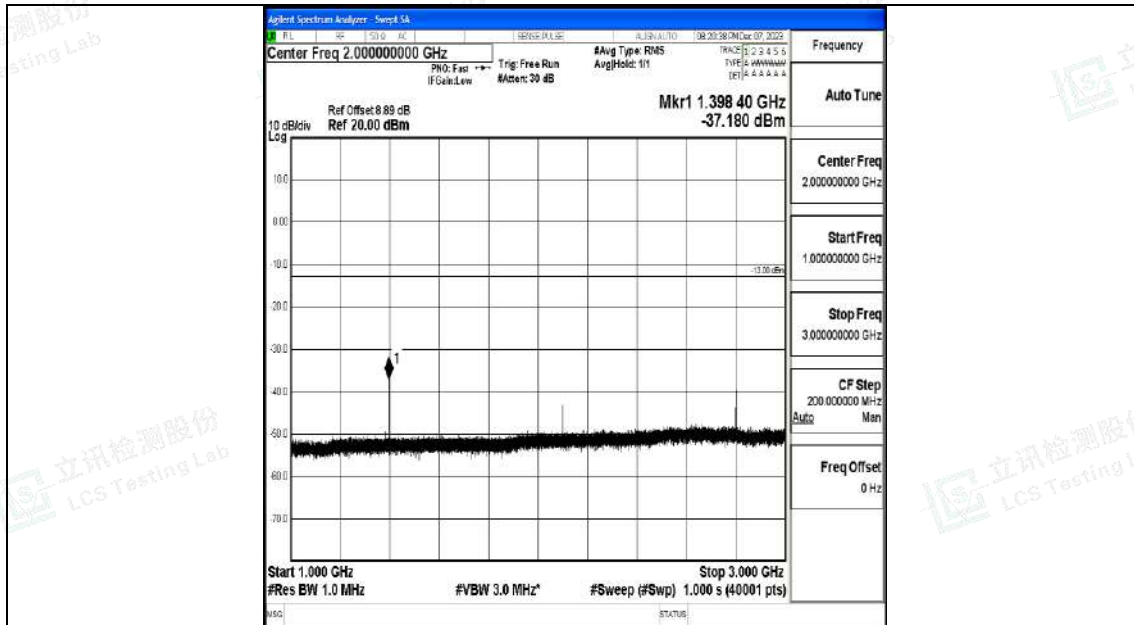


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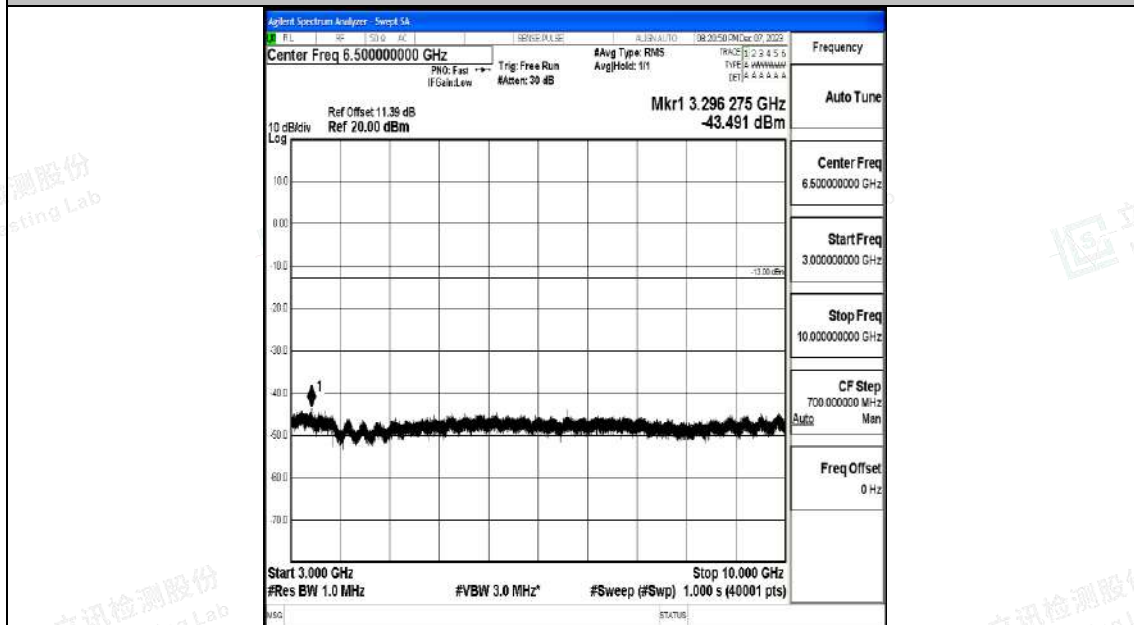
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Band12_1.4MHz_16QAM_23017_1RB#0_1000~3000_1000~3000



Band12_1.4MHz_16QAM_23017_1RB#0_3000~10000_3000~10000

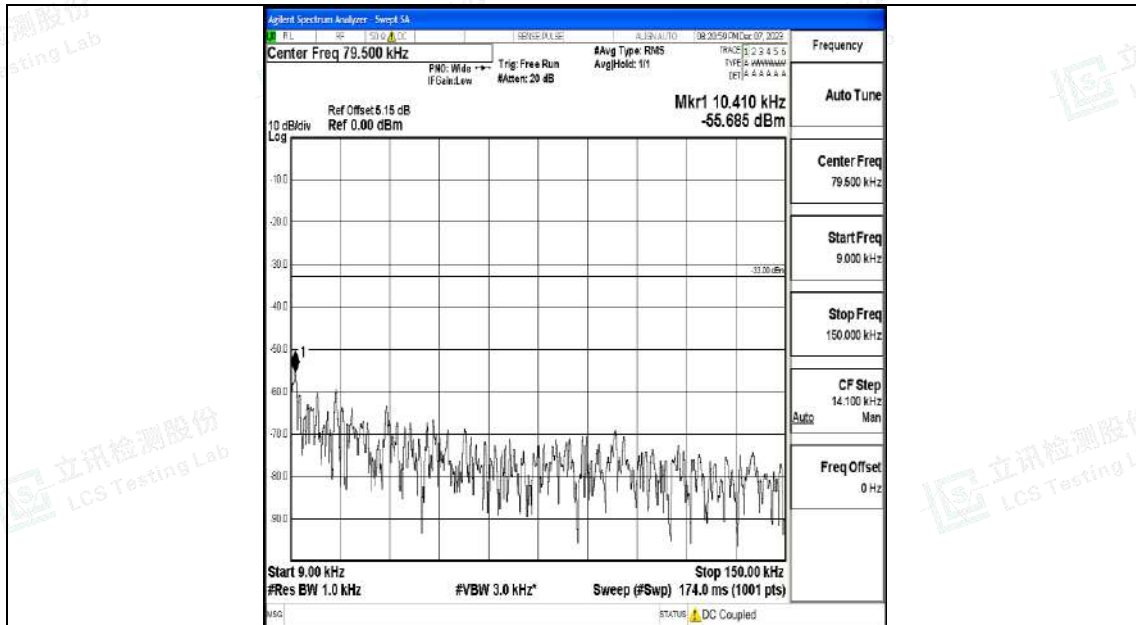


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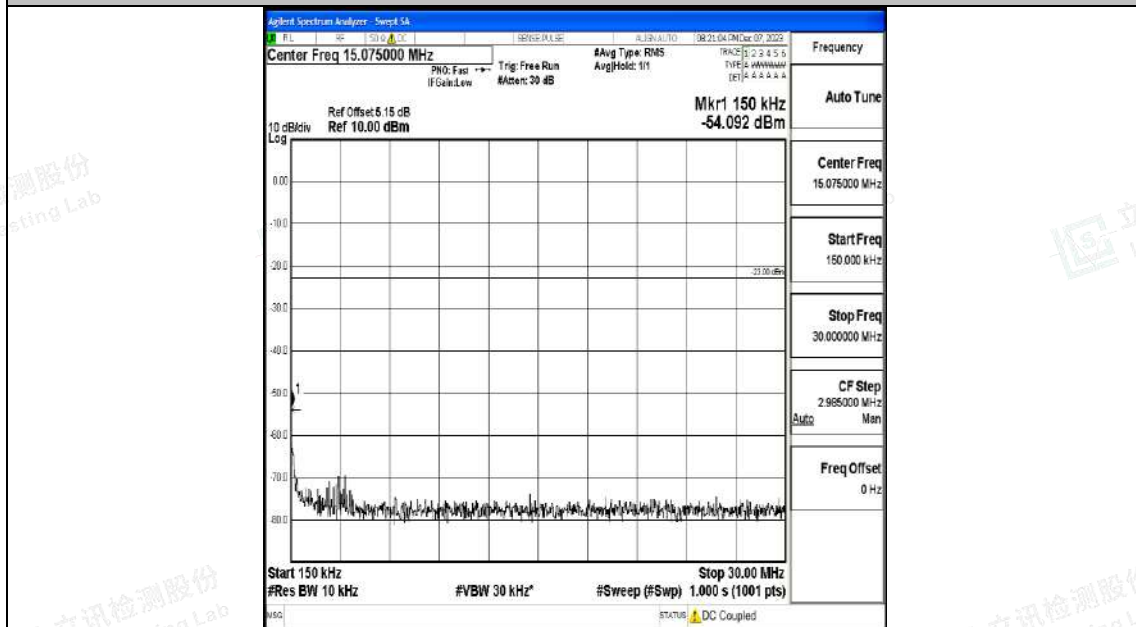
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Band12_1.4MHz_QPSK_23095_1RB#0_0.009~0.15_0.009~0.15



Band12_1.4MHz_QPSK_23095_1RB#0_0.15~30_0.15~30

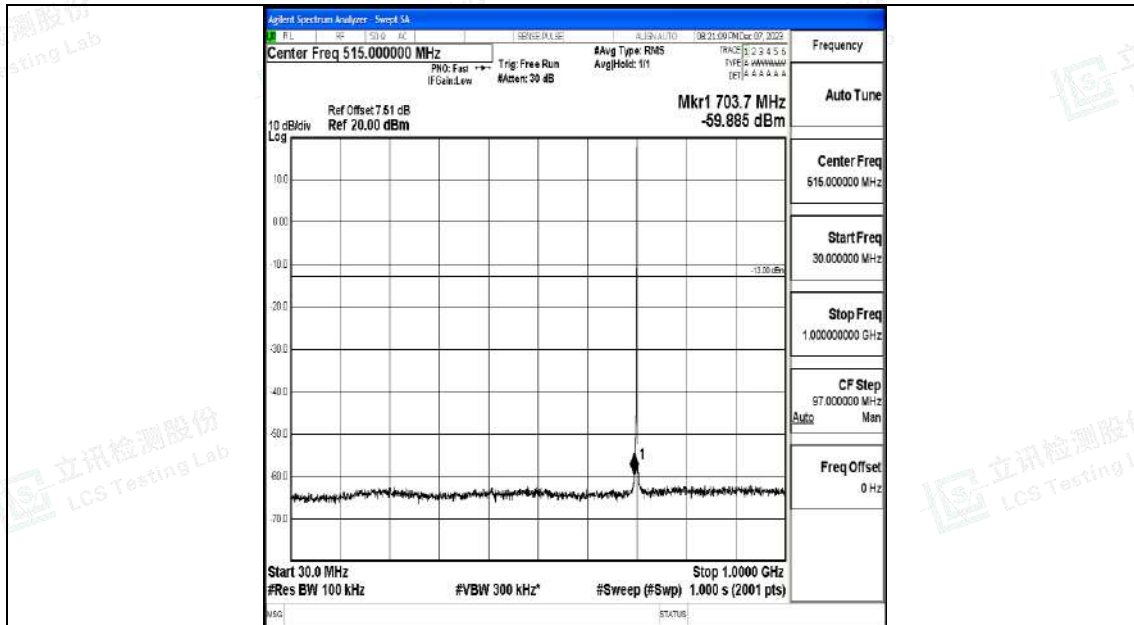


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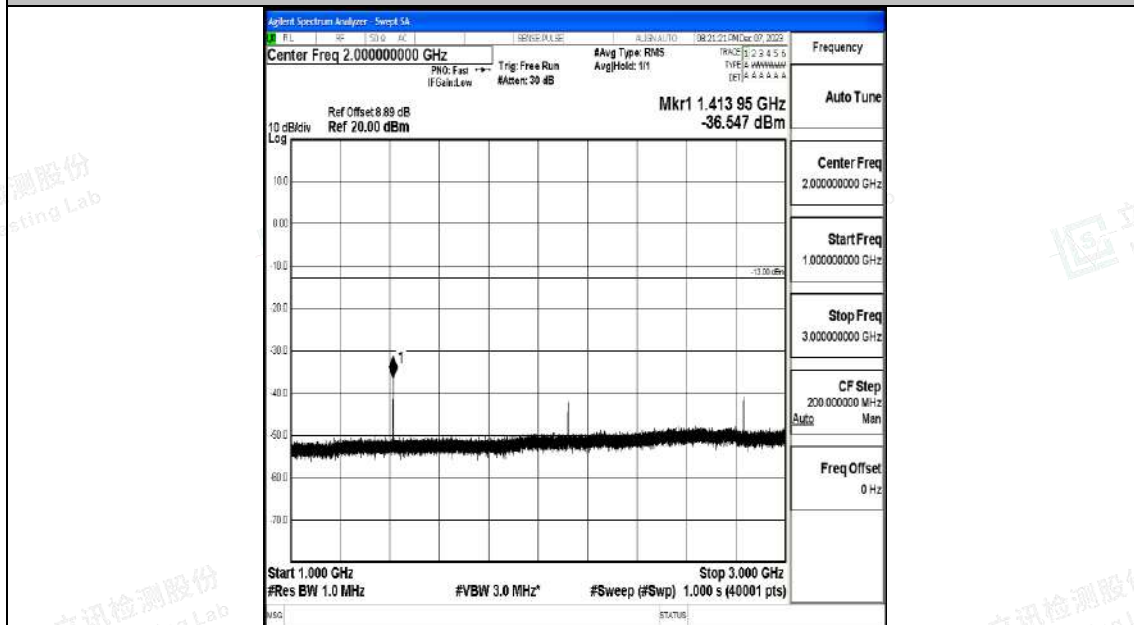
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Band12_1.4MHz_QPSK_23095_1RB#0_30~1000_30~1000



Band12_1.4MHz_QPSK_23095_1RB#0_1000~3000_1000~3000

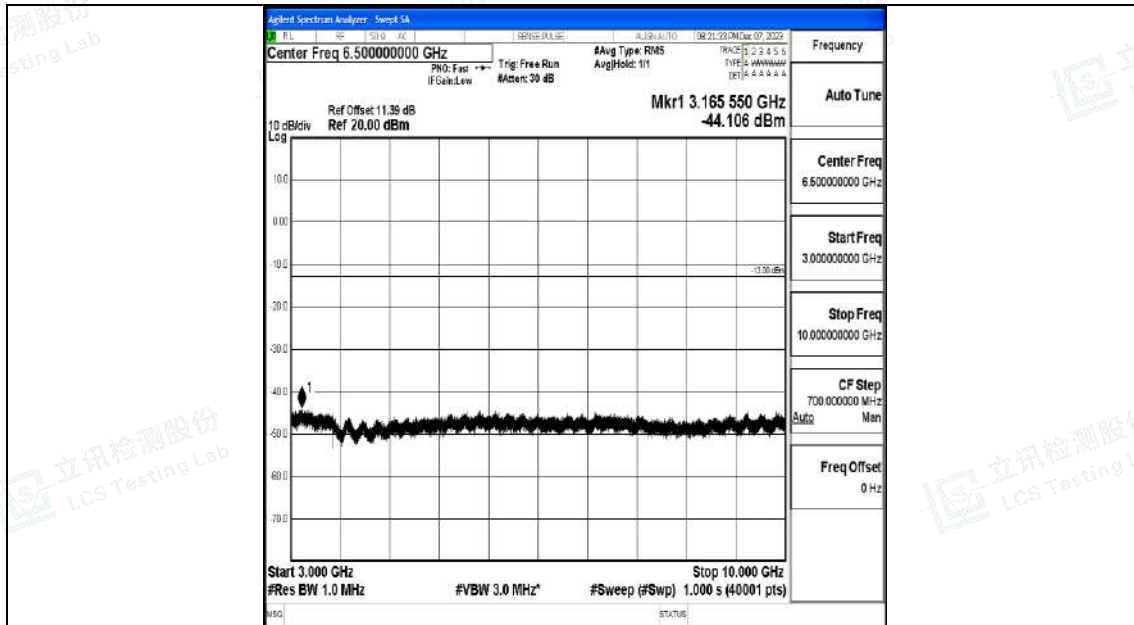


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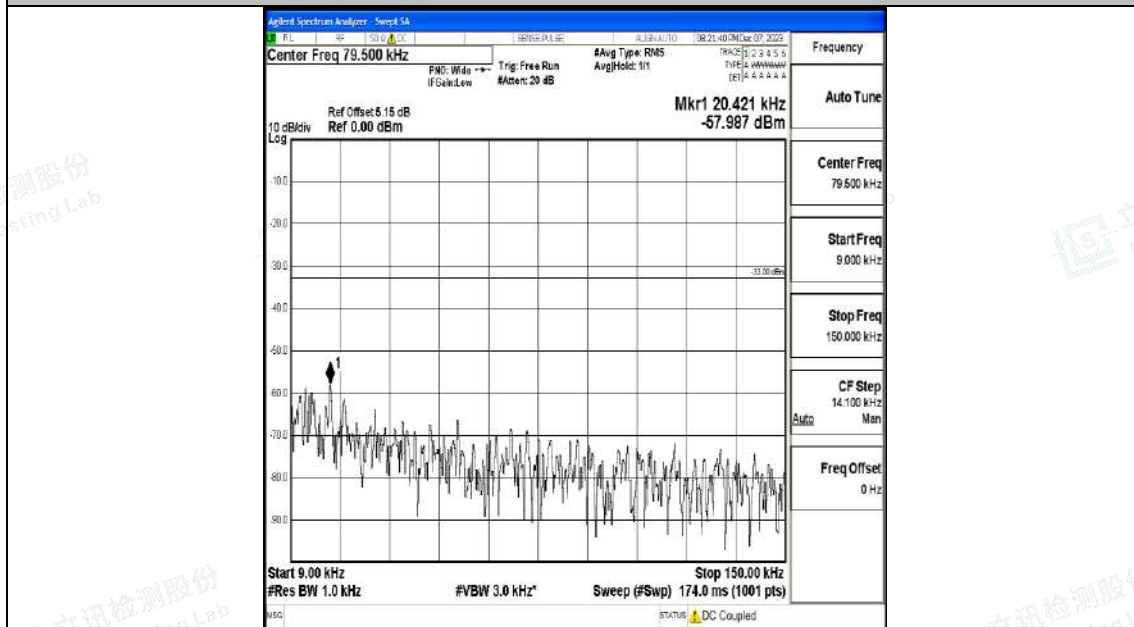
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Band12_1.4MHz_QPSK_23095_1RB#0_3000~10000_3000~10000



Band12_1.4MHz_16QAM_23095_1RB#0_0.009~0.15_0.009~0.15

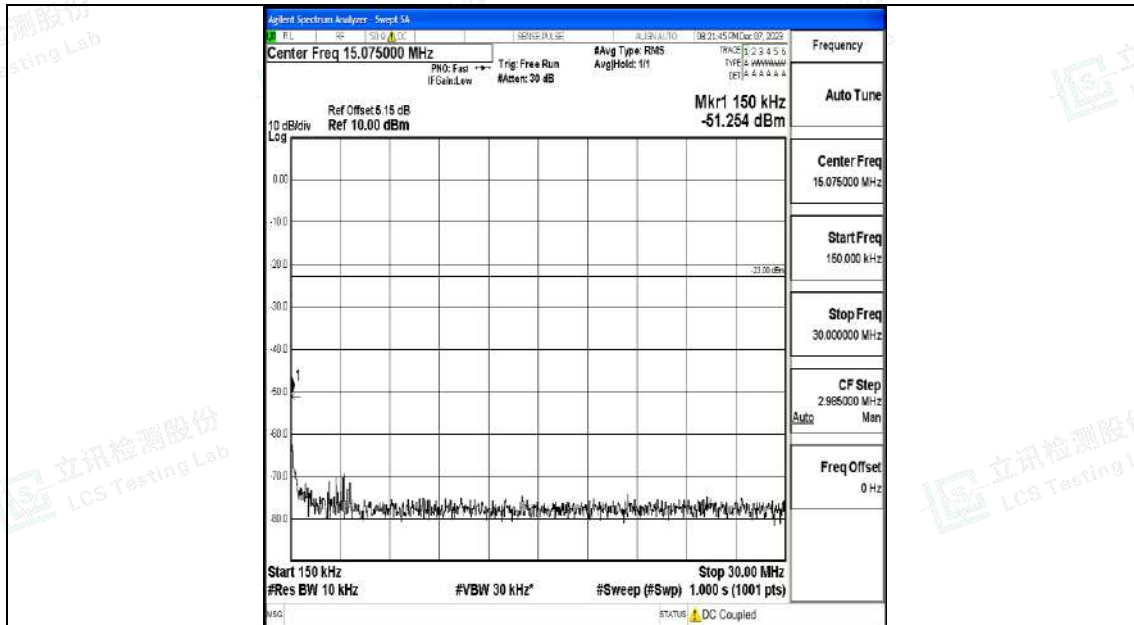


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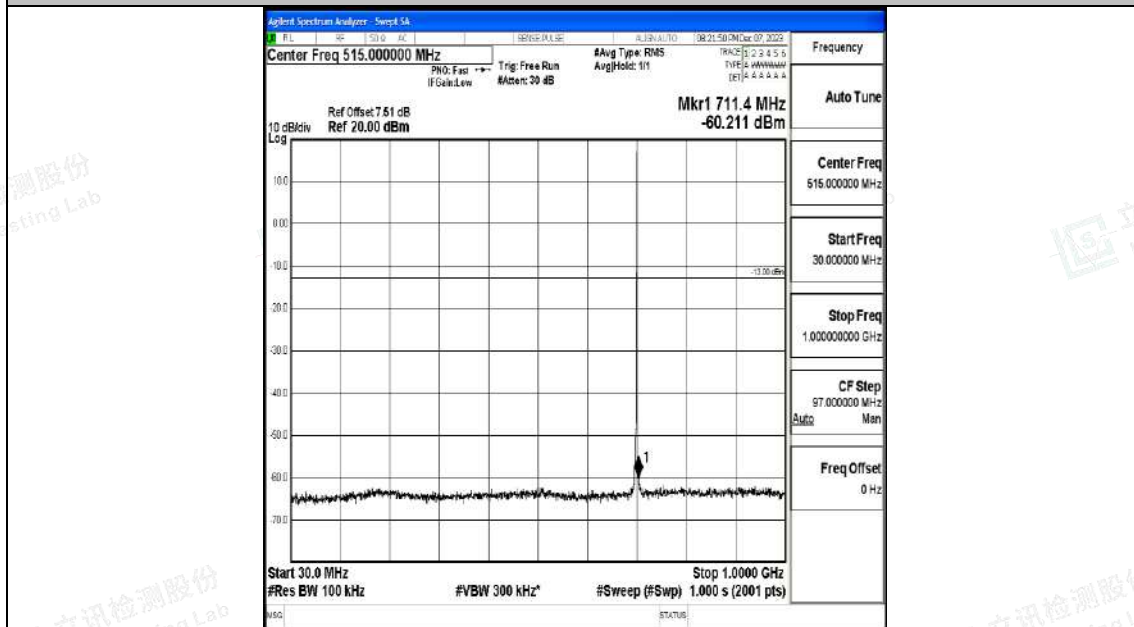
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Band12_1.4MHz_16QAM_23095_1RB#0_0.15~30_0.15~30



Band12_1.4MHz_16QAM_23095_1RB#0_30~1000_30~1000

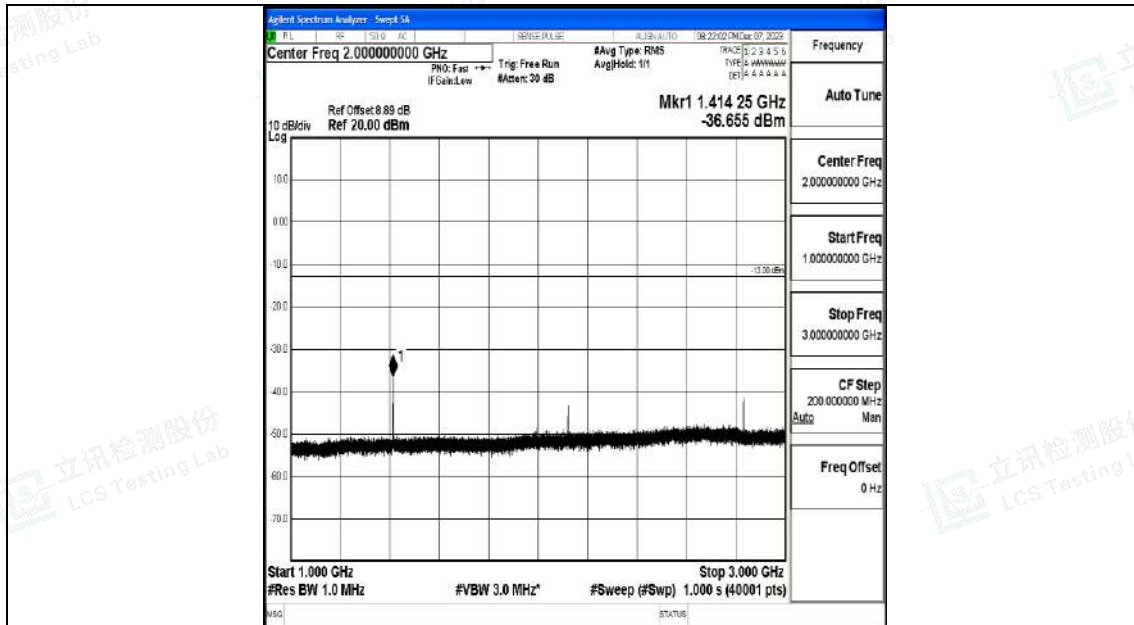


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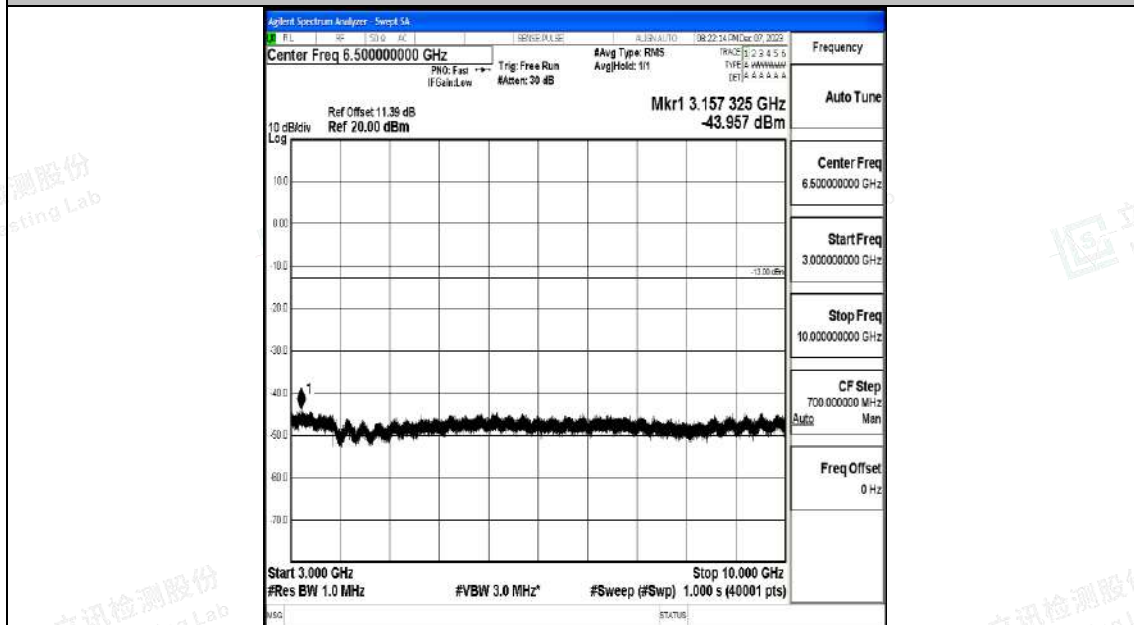
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Band12_1.4MHz_16QAM_23095_1RB#0_1000~3000_1000~3000



Band12_1.4MHz_16QAM_23095_1RB#0_3000~10000_3000~10000

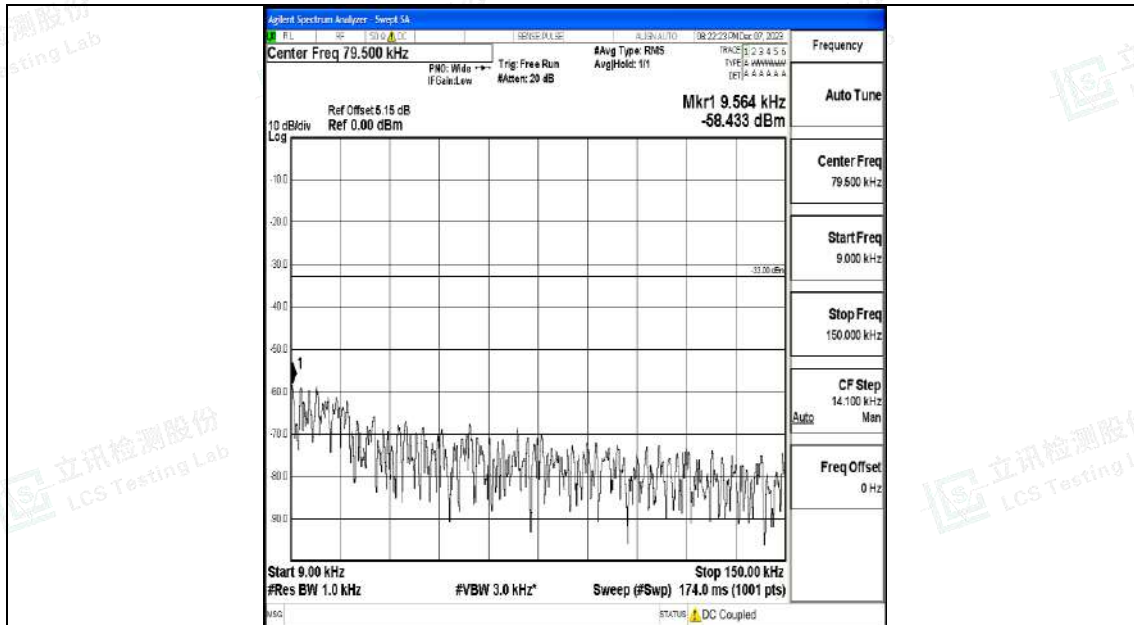


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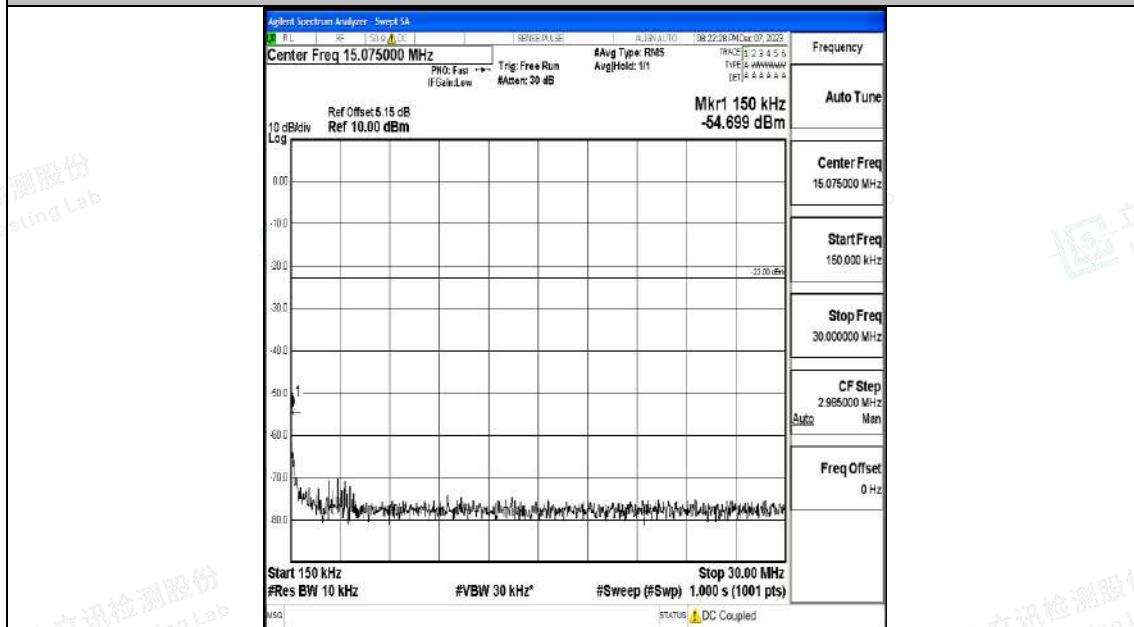
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Band12_1.4MHz_QPSK_23173_1RB#0_0.009~0.15_0.009~0.15



Band12_1.4MHz_QPSK_23173_1RB#0_0.15~30_0.15~30

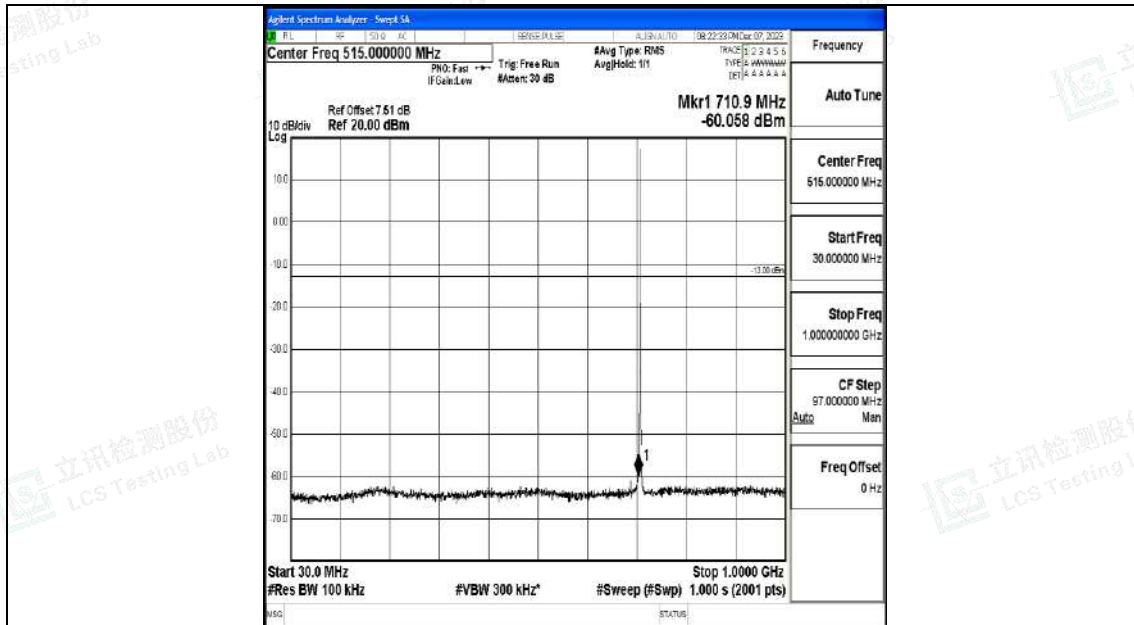


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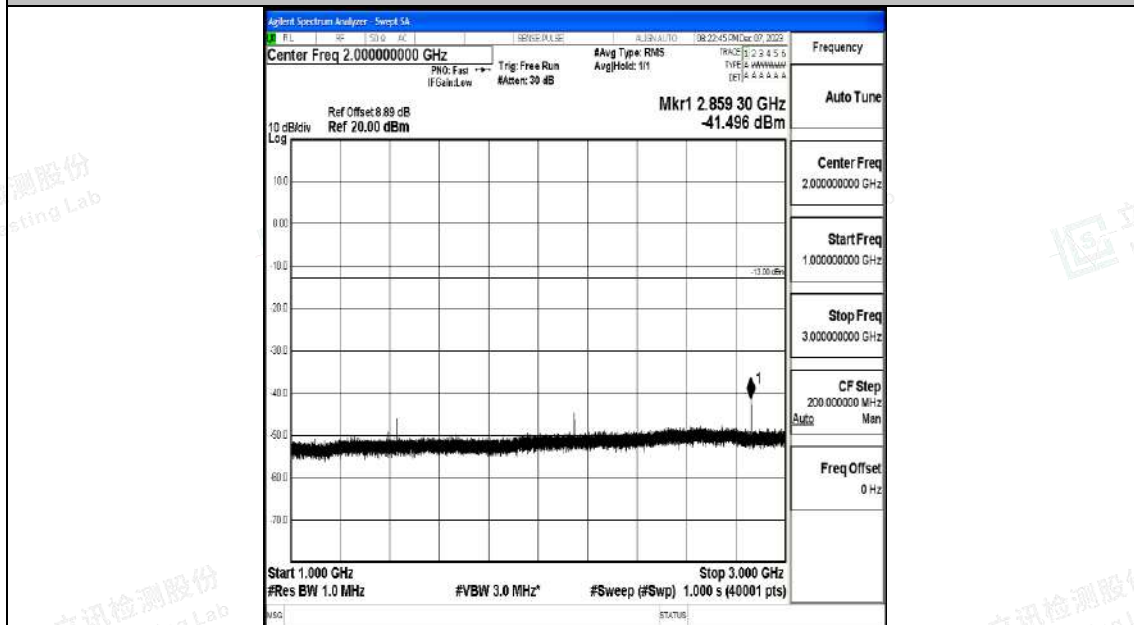
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Band12_1.4MHz_QPSK_23173_1RB#0_30~1000_30~1000



Band12_1.4MHz_QPSK_23173_1RB#0_1000~3000_1000~3000

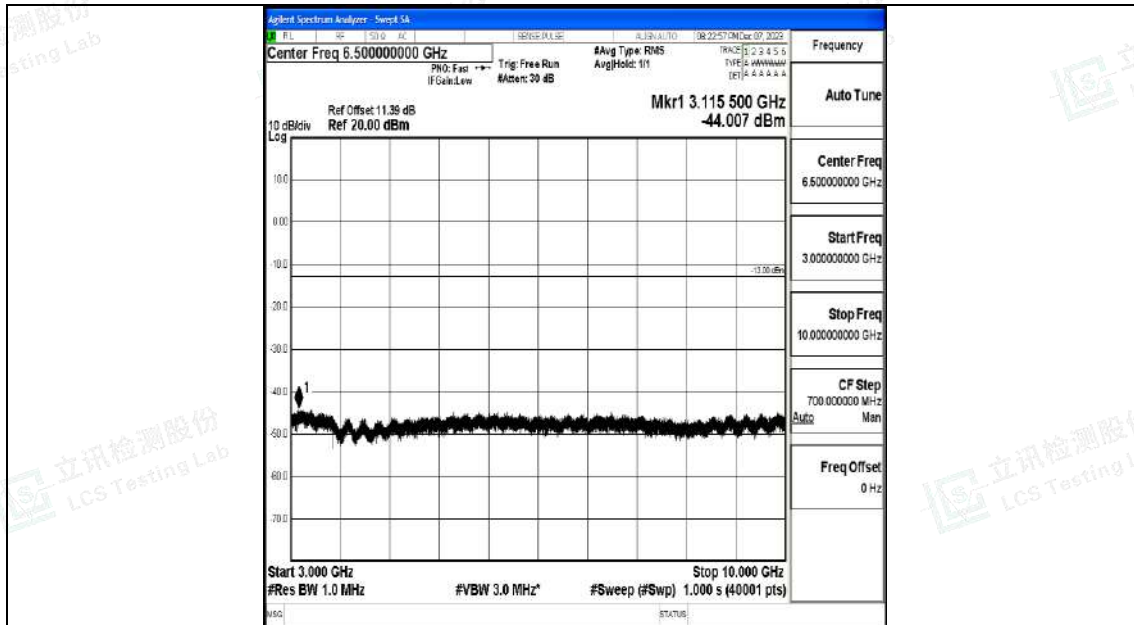


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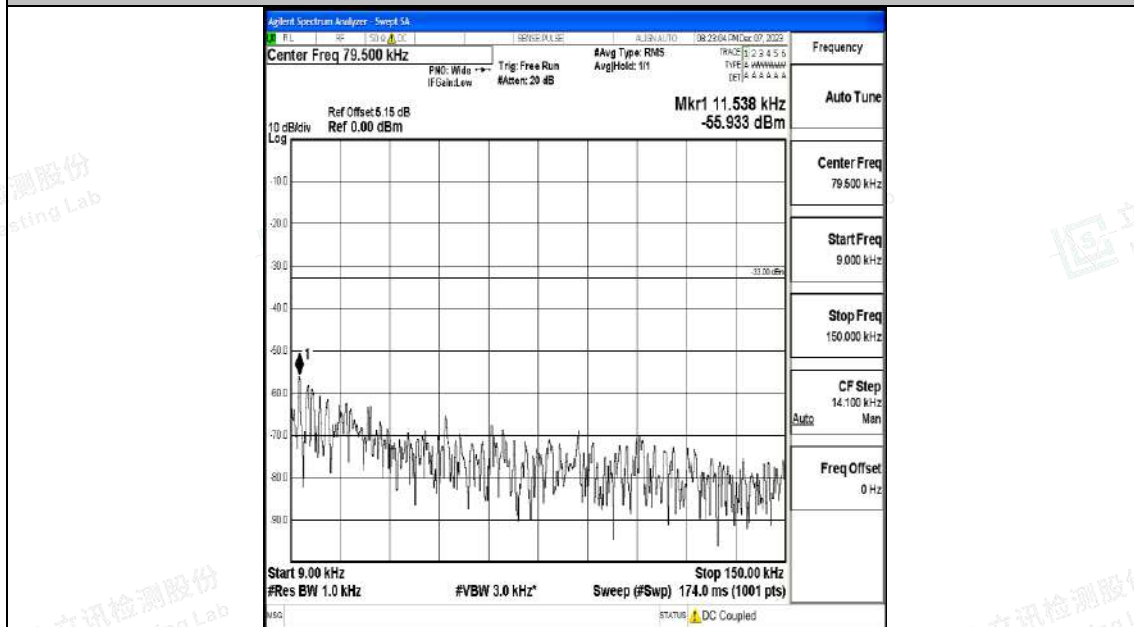
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Scan code to check authenticity



Band12_1.4MHz_QPSK_23173_1RB#0_3000~10000_3000~10000



Band12_1.4MHz_16QAM_23173_1RB#0_0.009~0.15_0.009~0.15

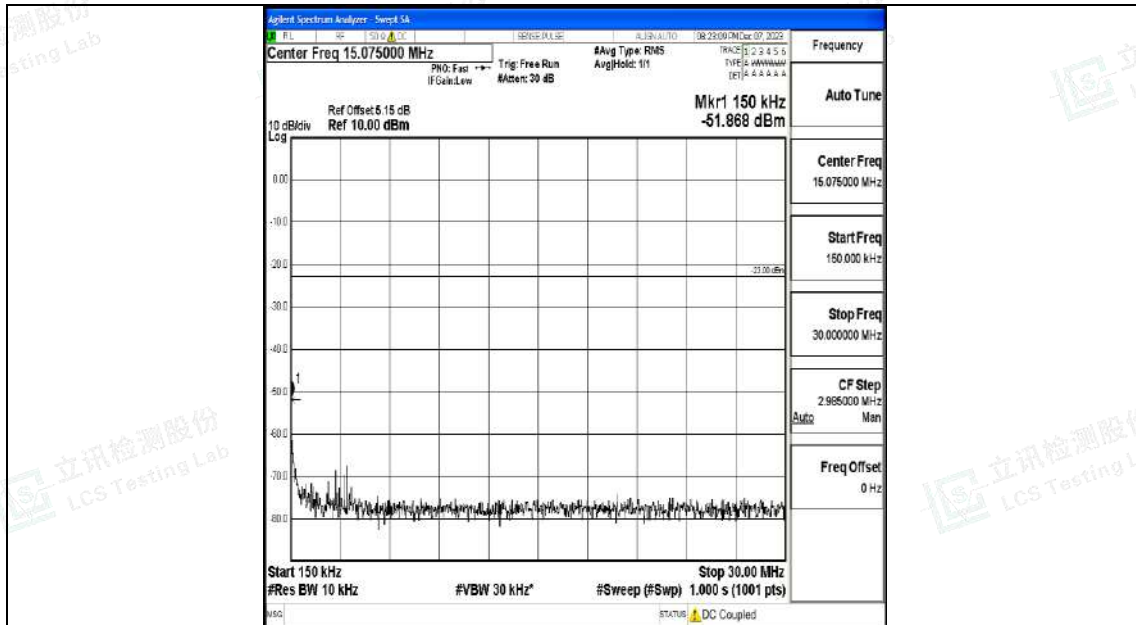


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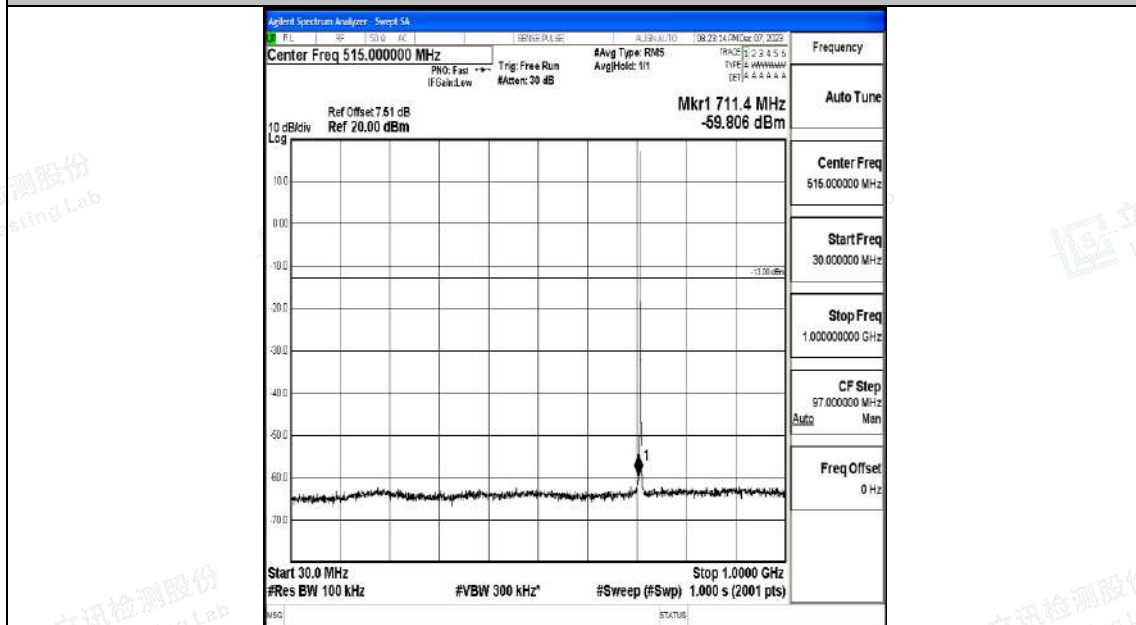
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Band12_1.4MHz_16QAM_23173_1RB#0_0.15~30_0.15~30



Band12_1.4MHz_16QAM_23173_1RB#0_30~1000_30~1000

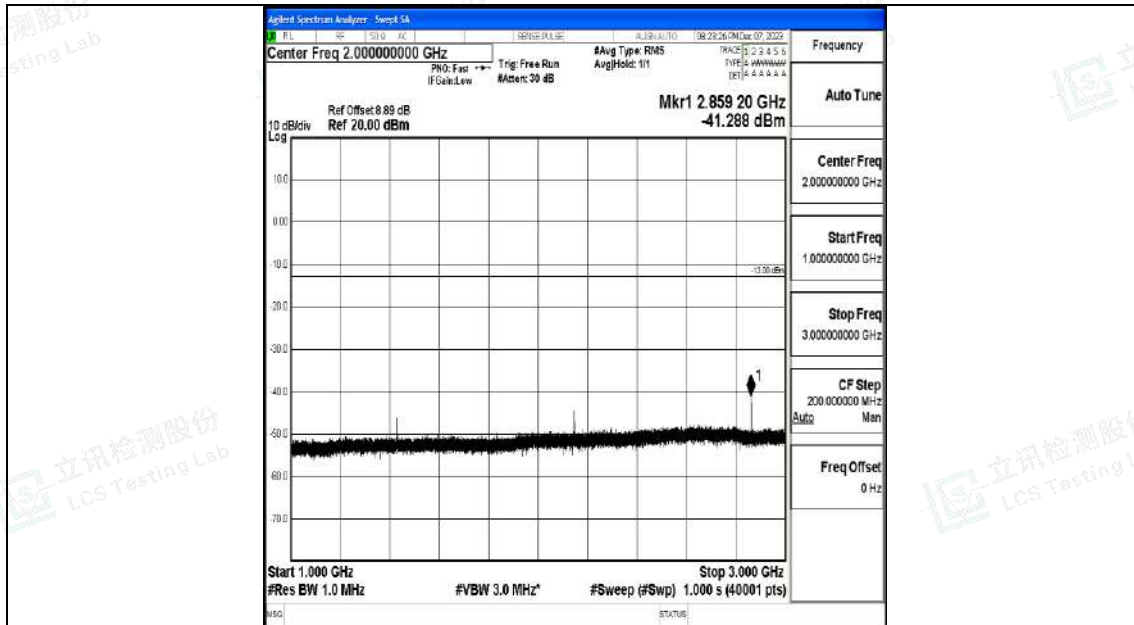


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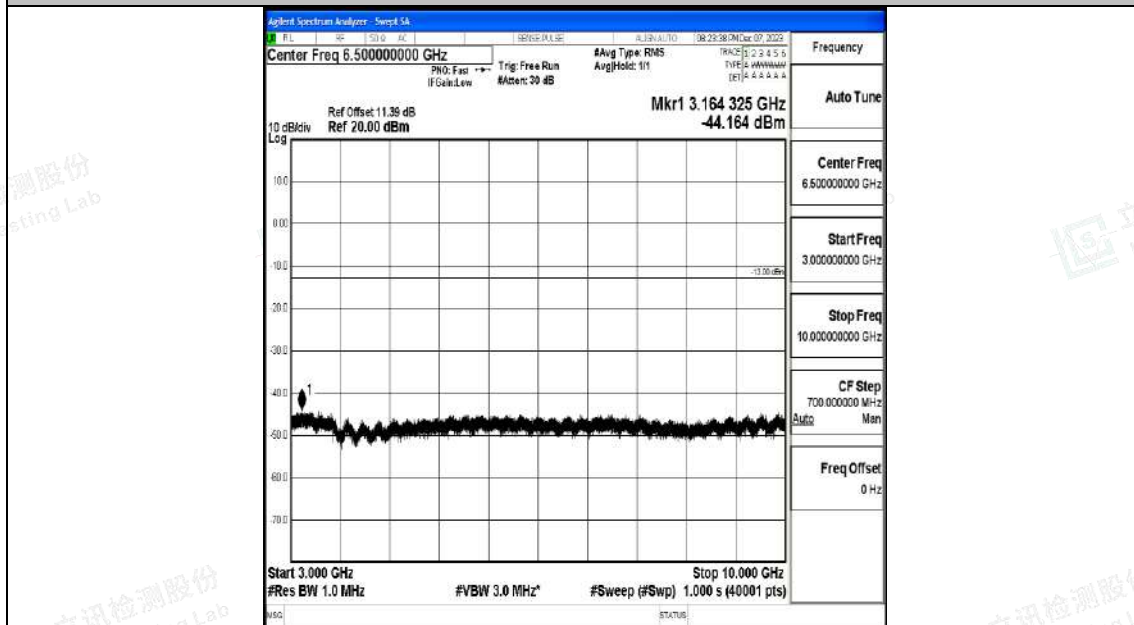
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Band12_1.4MHz_16QAM_23173_1RB#0_1000~3000_1000~3000



Band12_1.4MHz_16QAM_23173_1RB#0_3000~10000_3000~10000

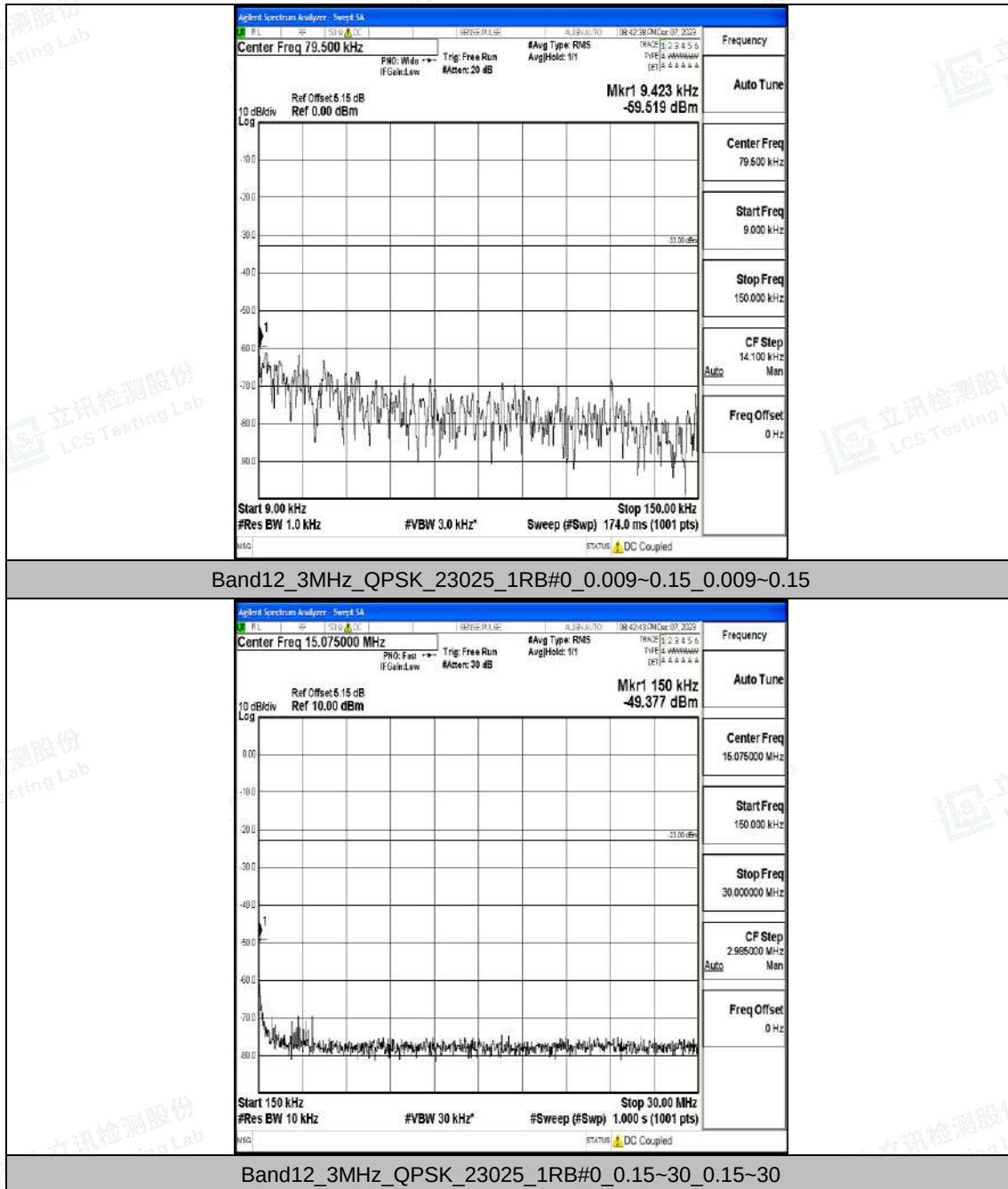


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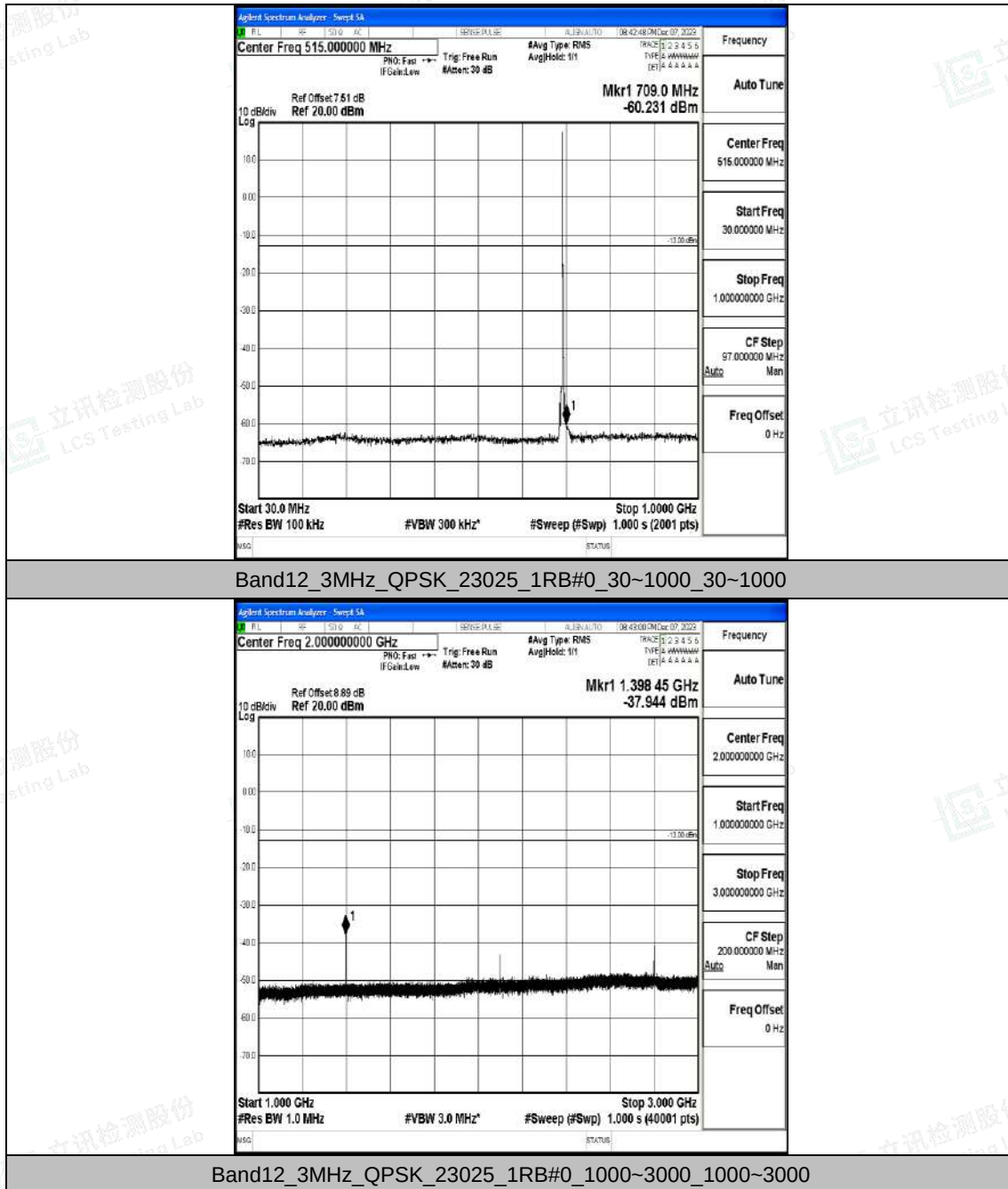


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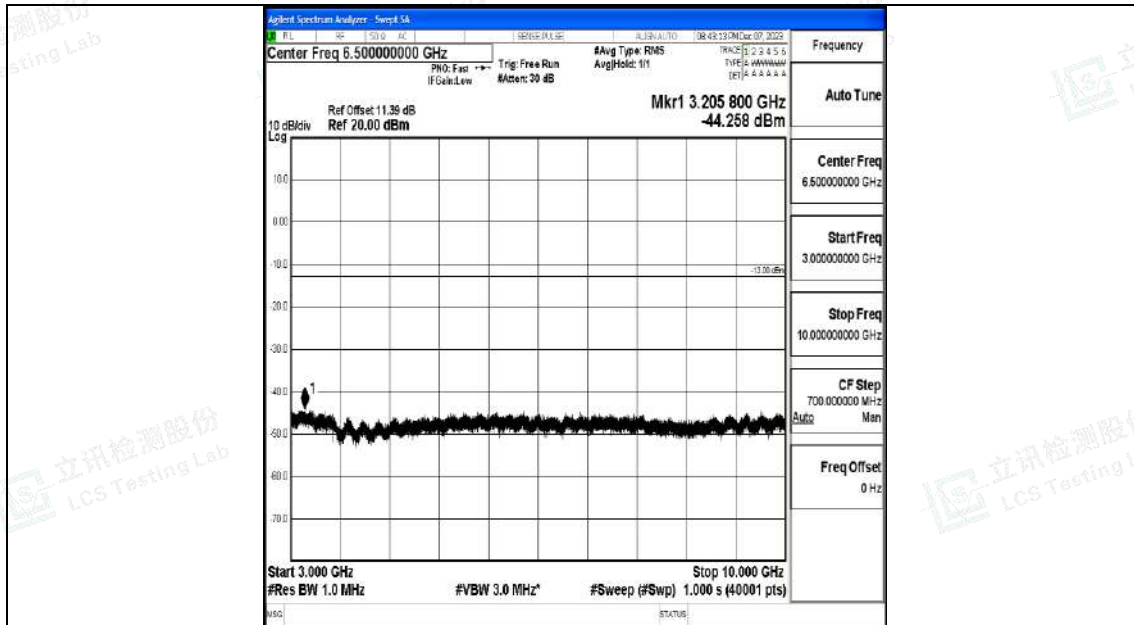


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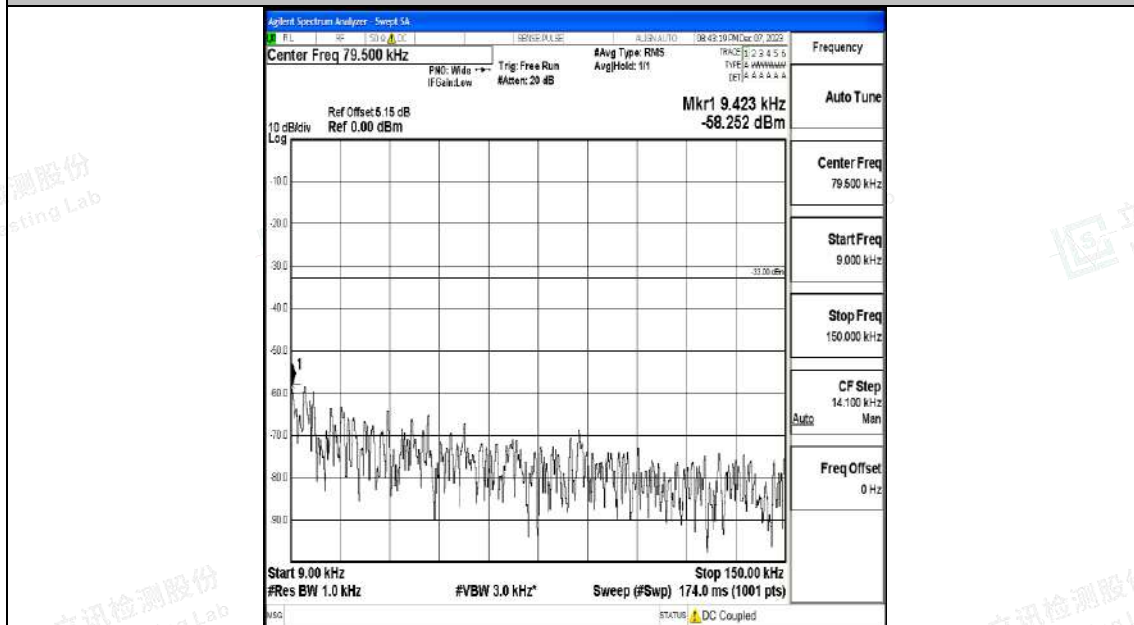
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Band12_3MHz_QPSK_23025_1RB#0_3000~10000_3000~10000



Band12_3MHz_16QAM_23025_1RB#0_0.009~0.15_0.009~0.15

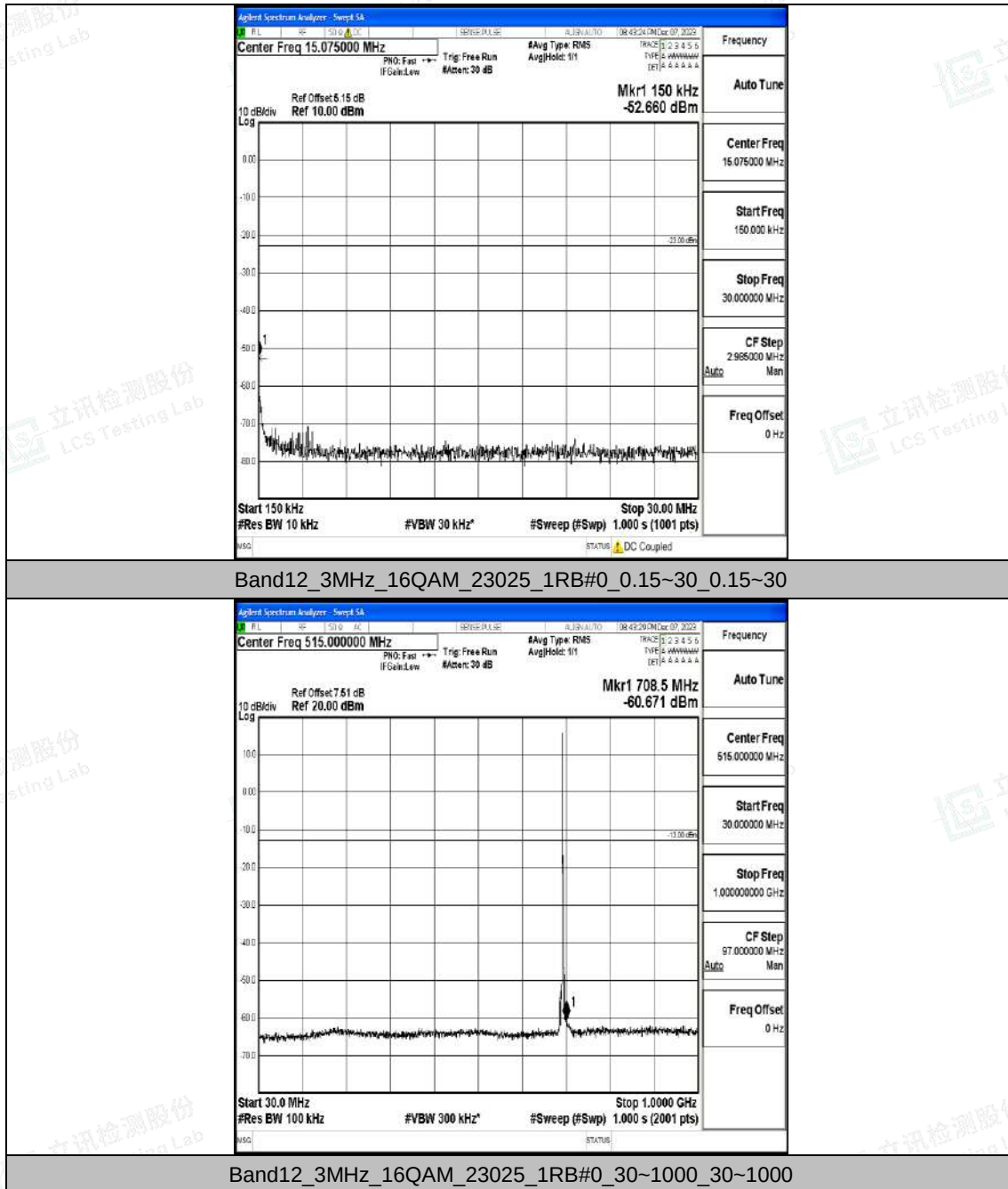


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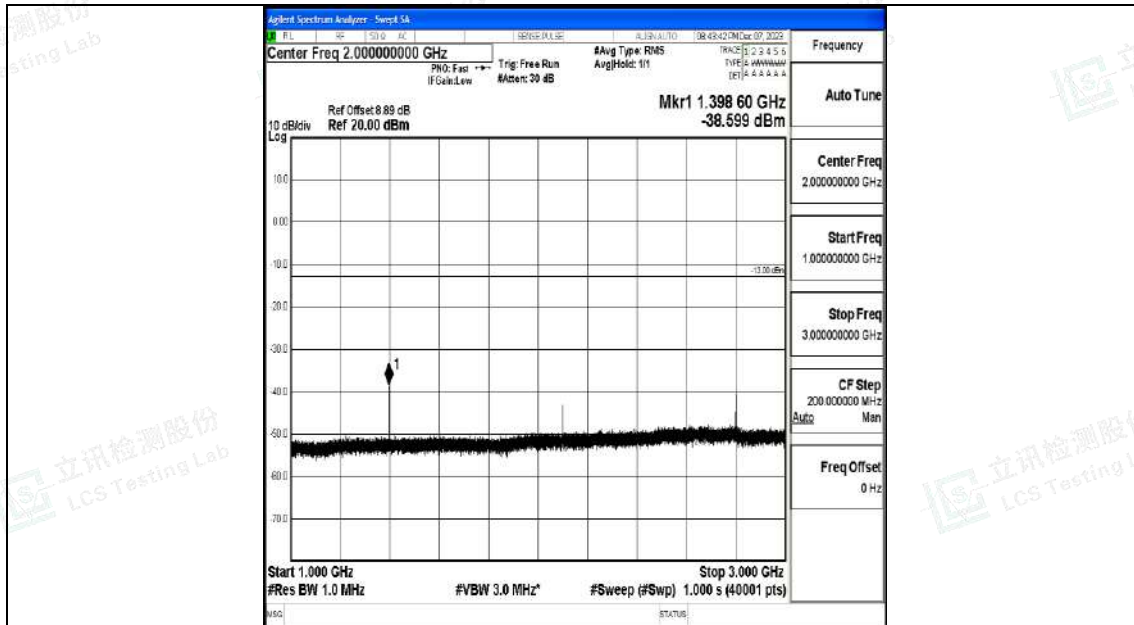


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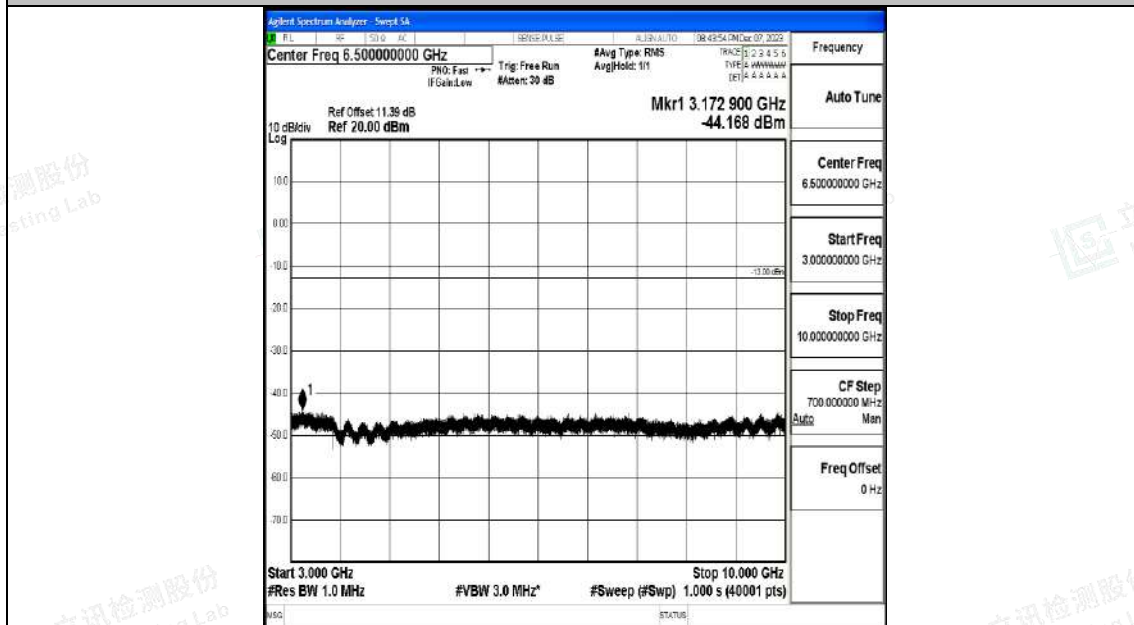
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Band12_3MHz_16QAM_23025_1RB#0_1000~3000_1000~3000



Band12_3MHz_16QAM_23025_1RB#0_3000~10000_3000~10000

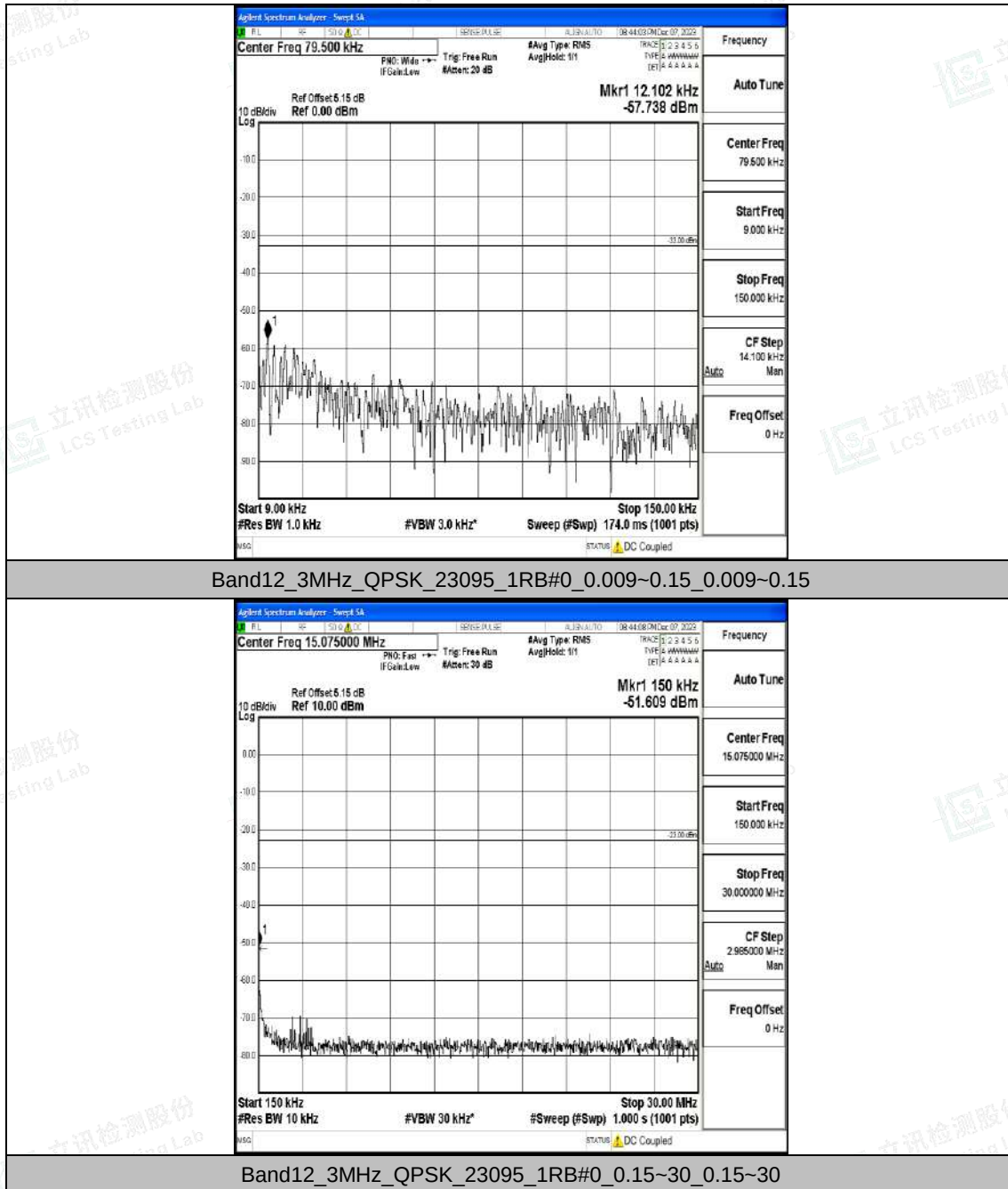


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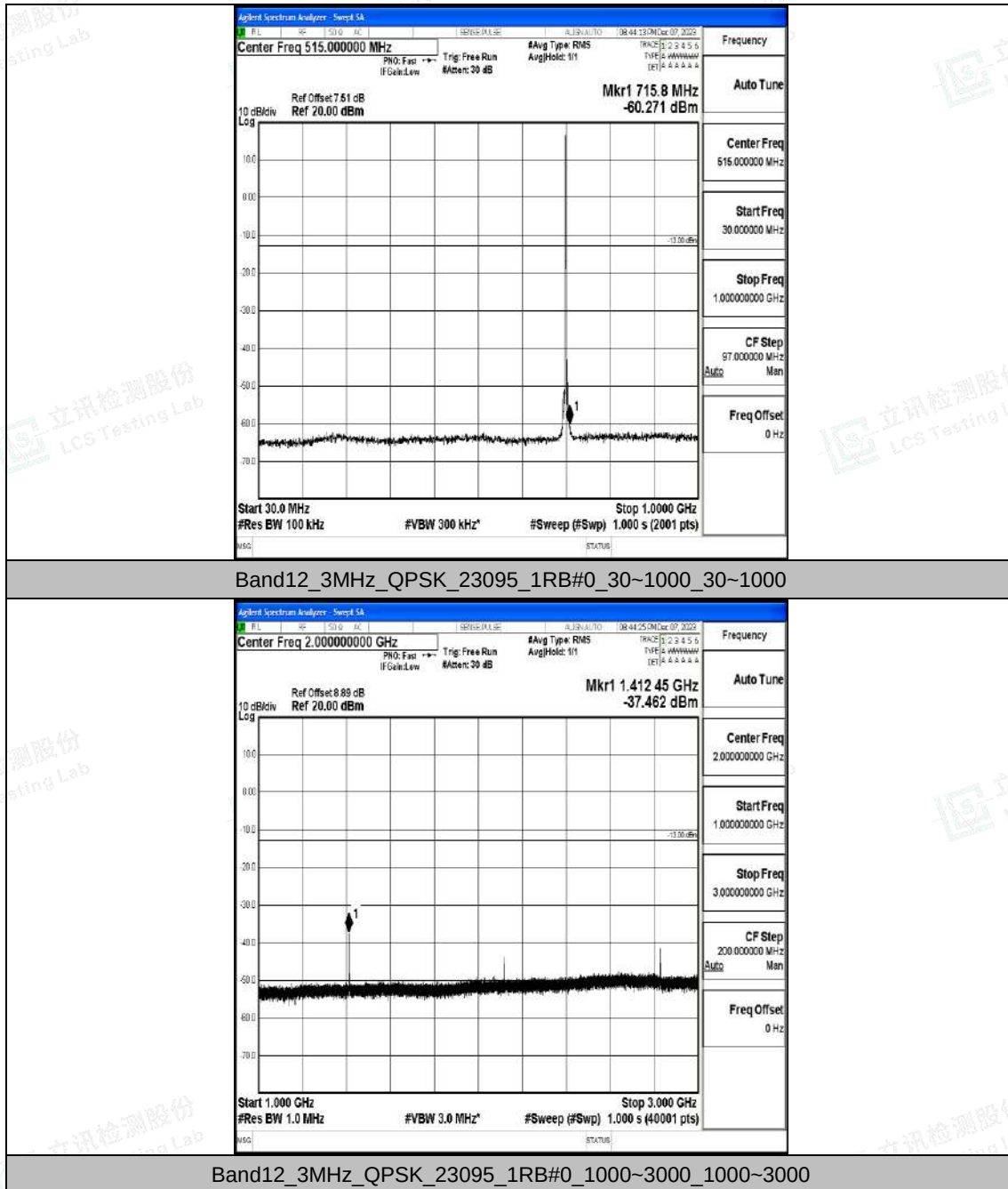


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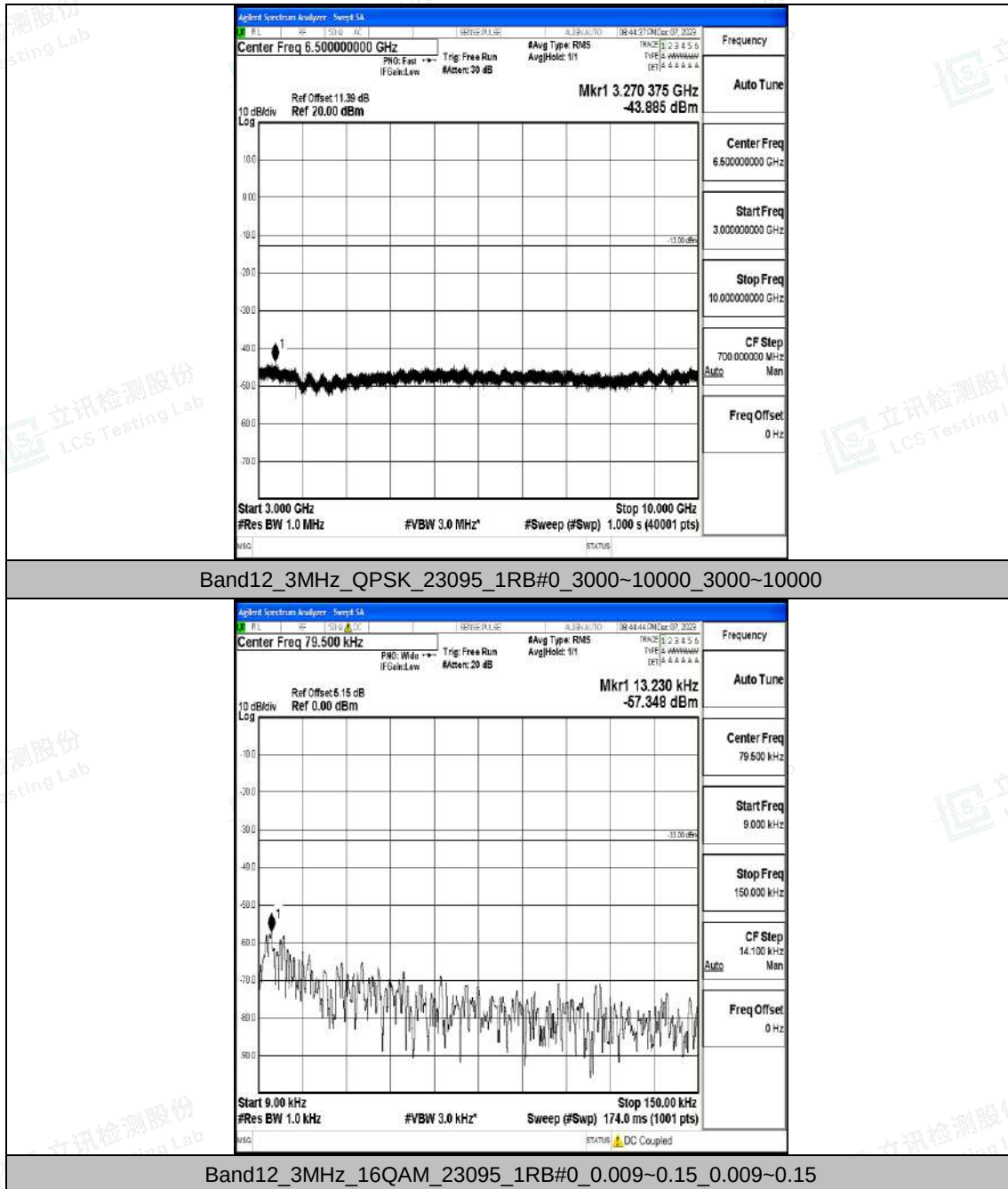


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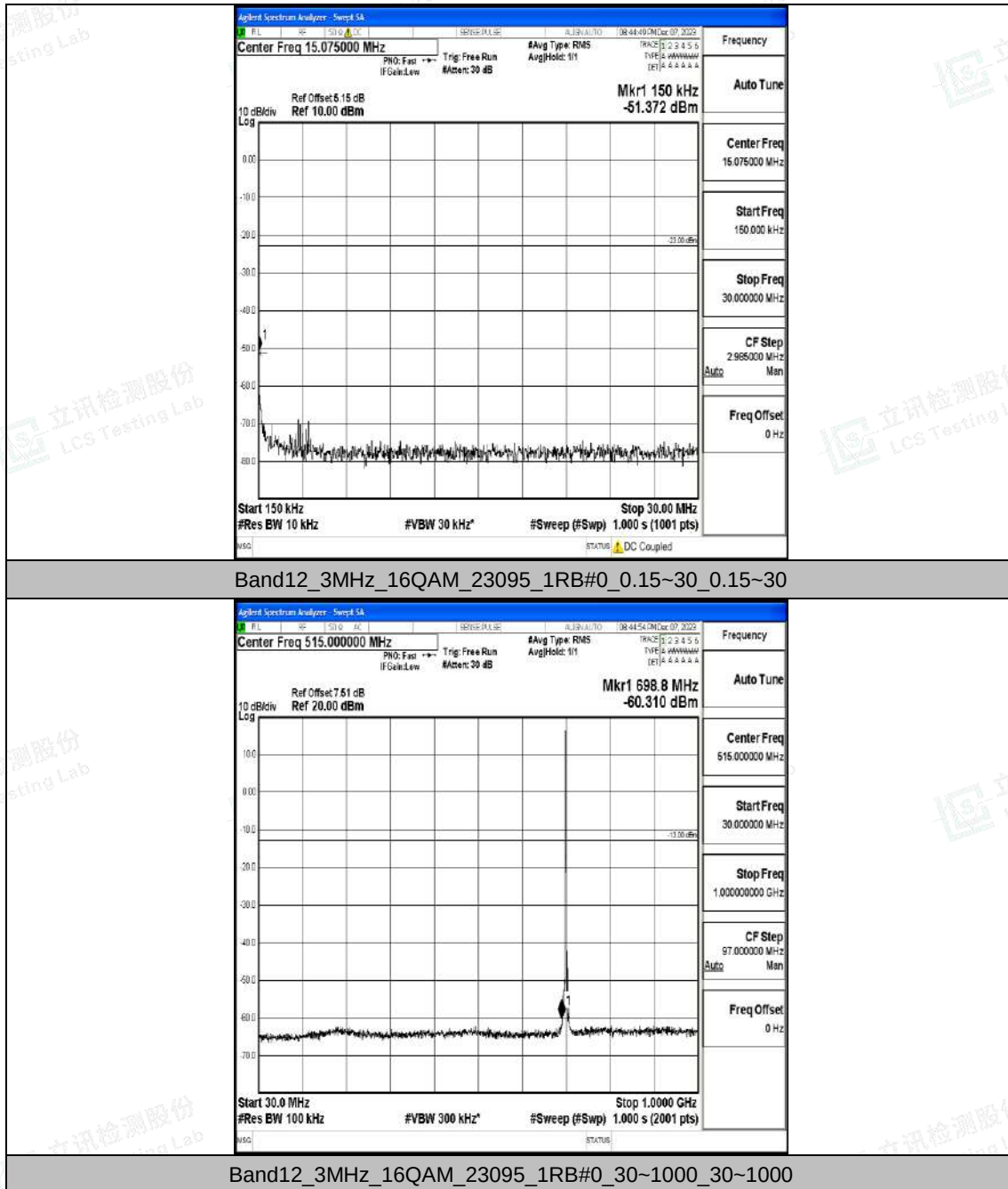


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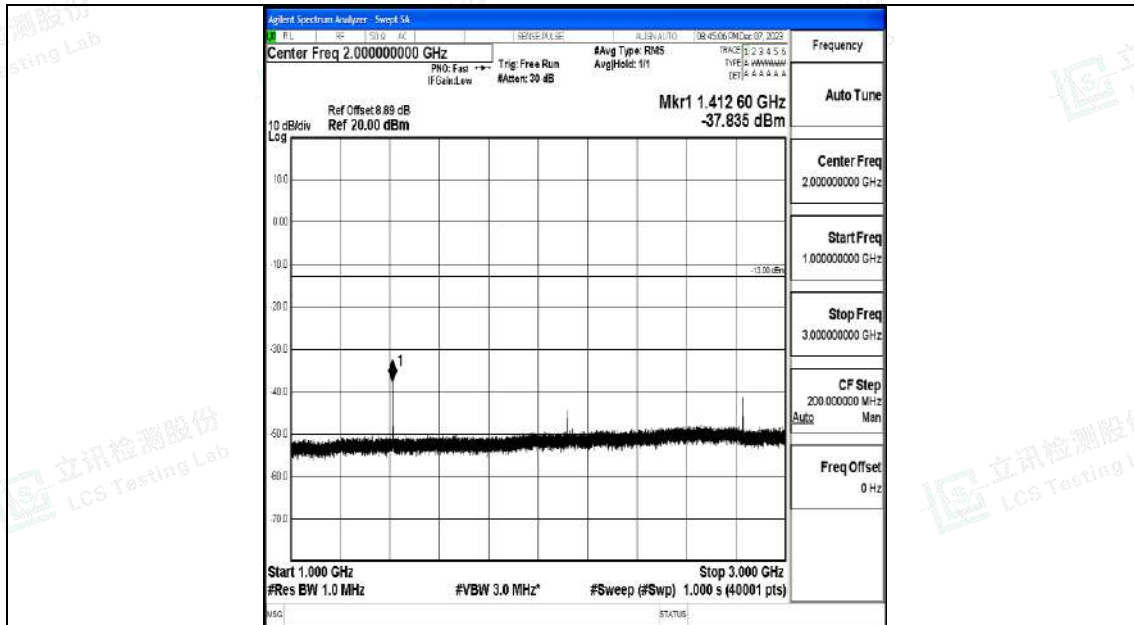


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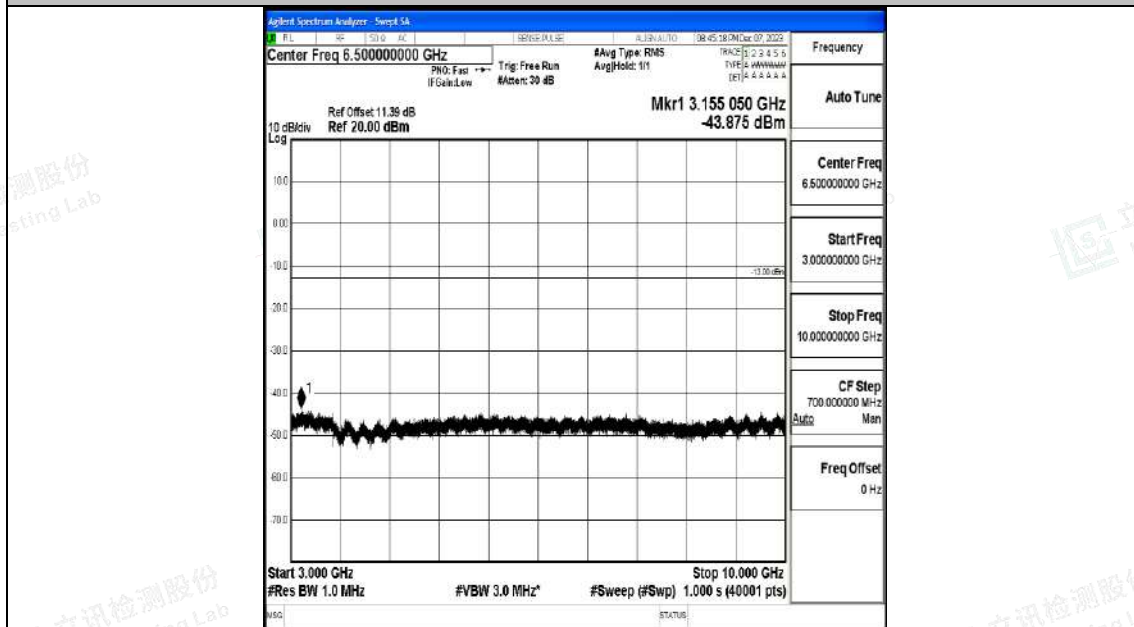
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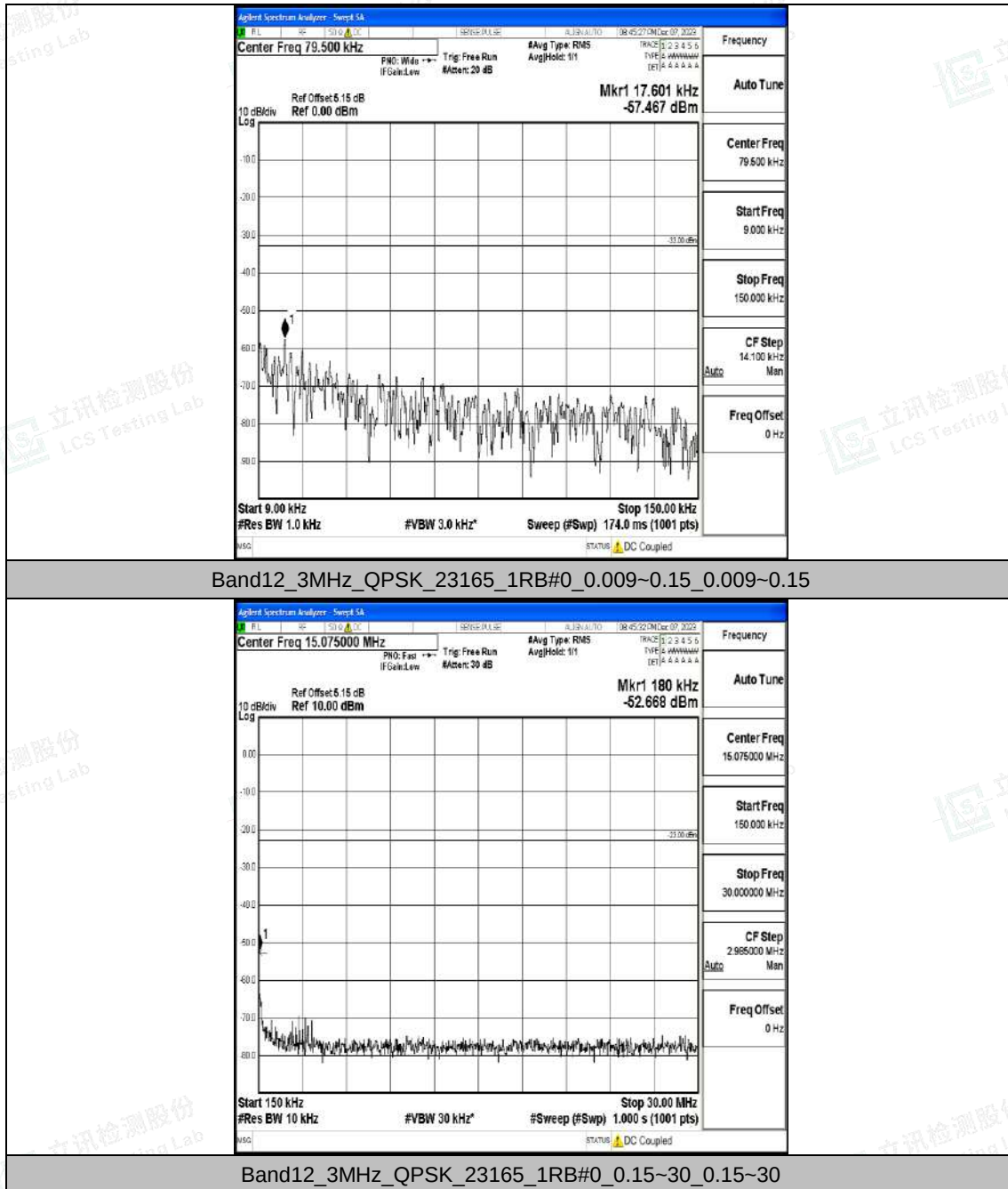


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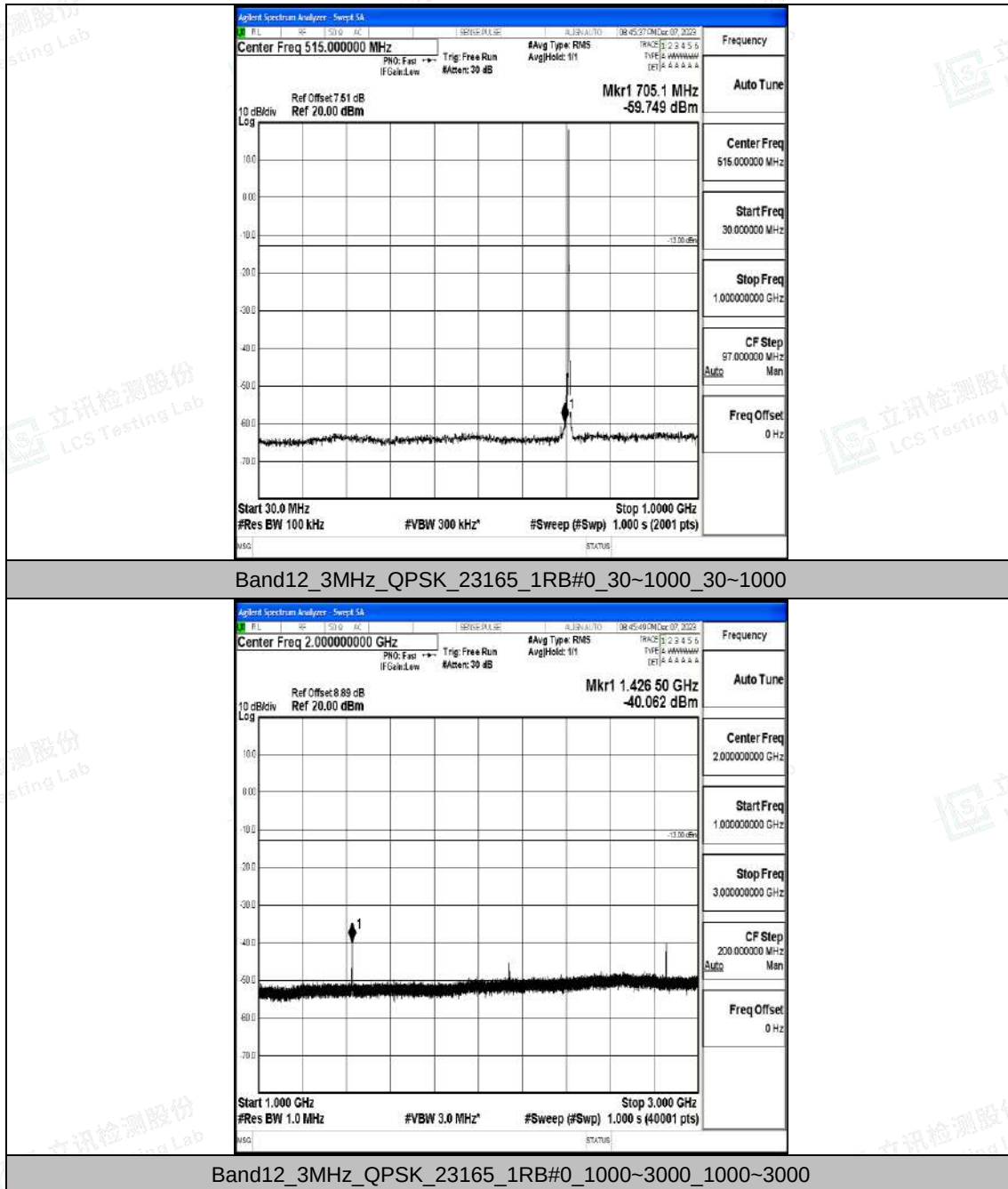


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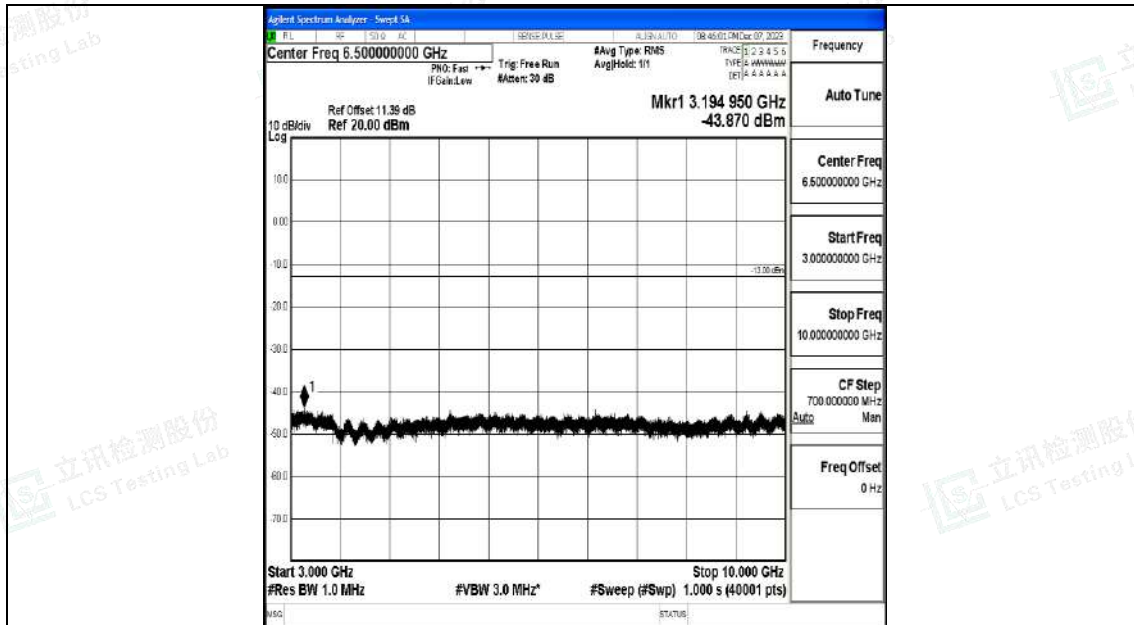


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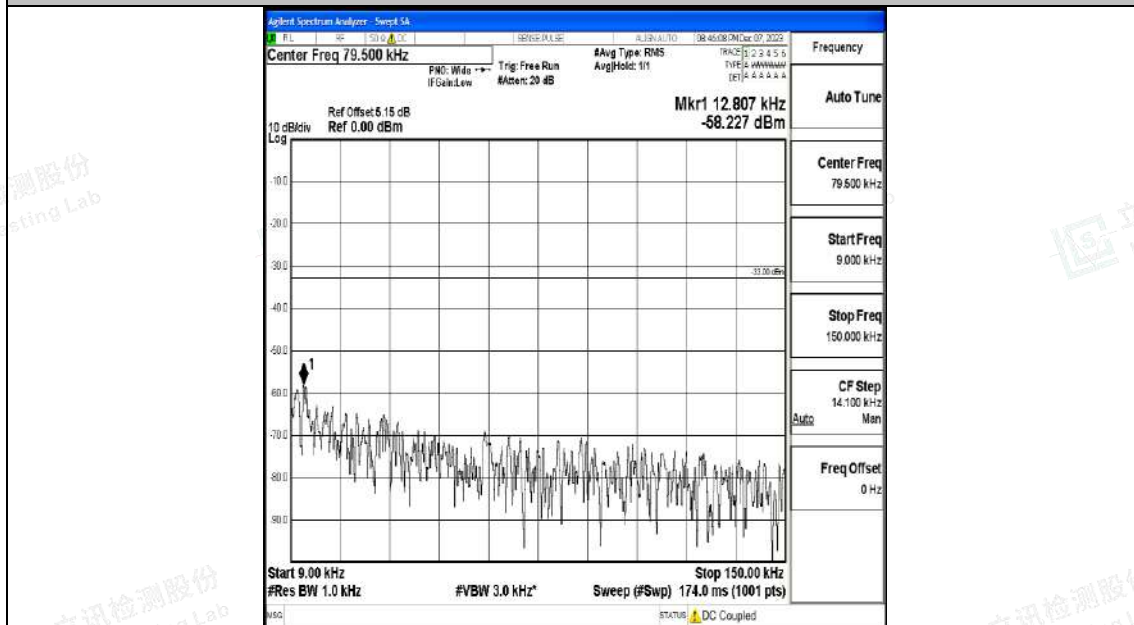
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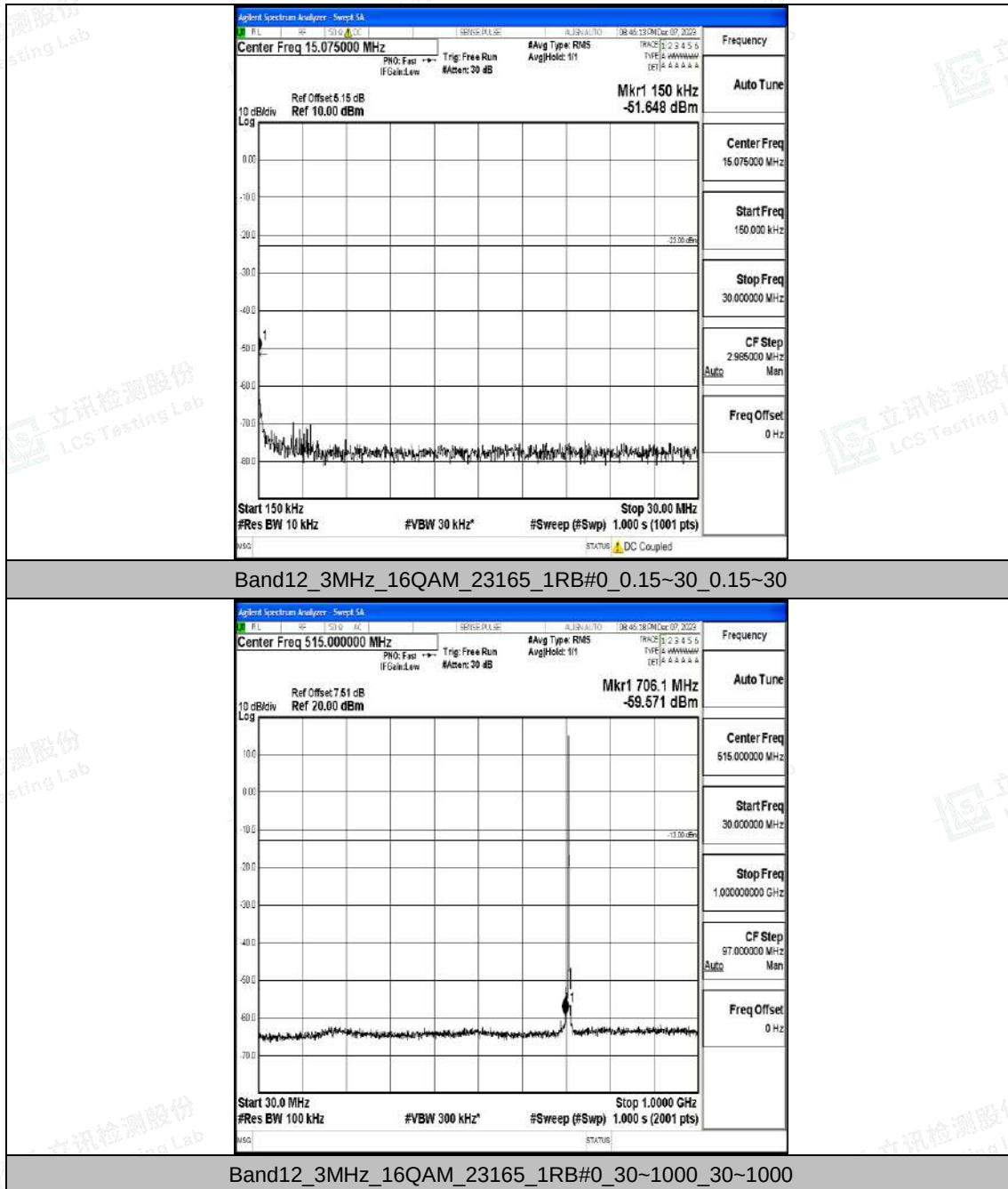


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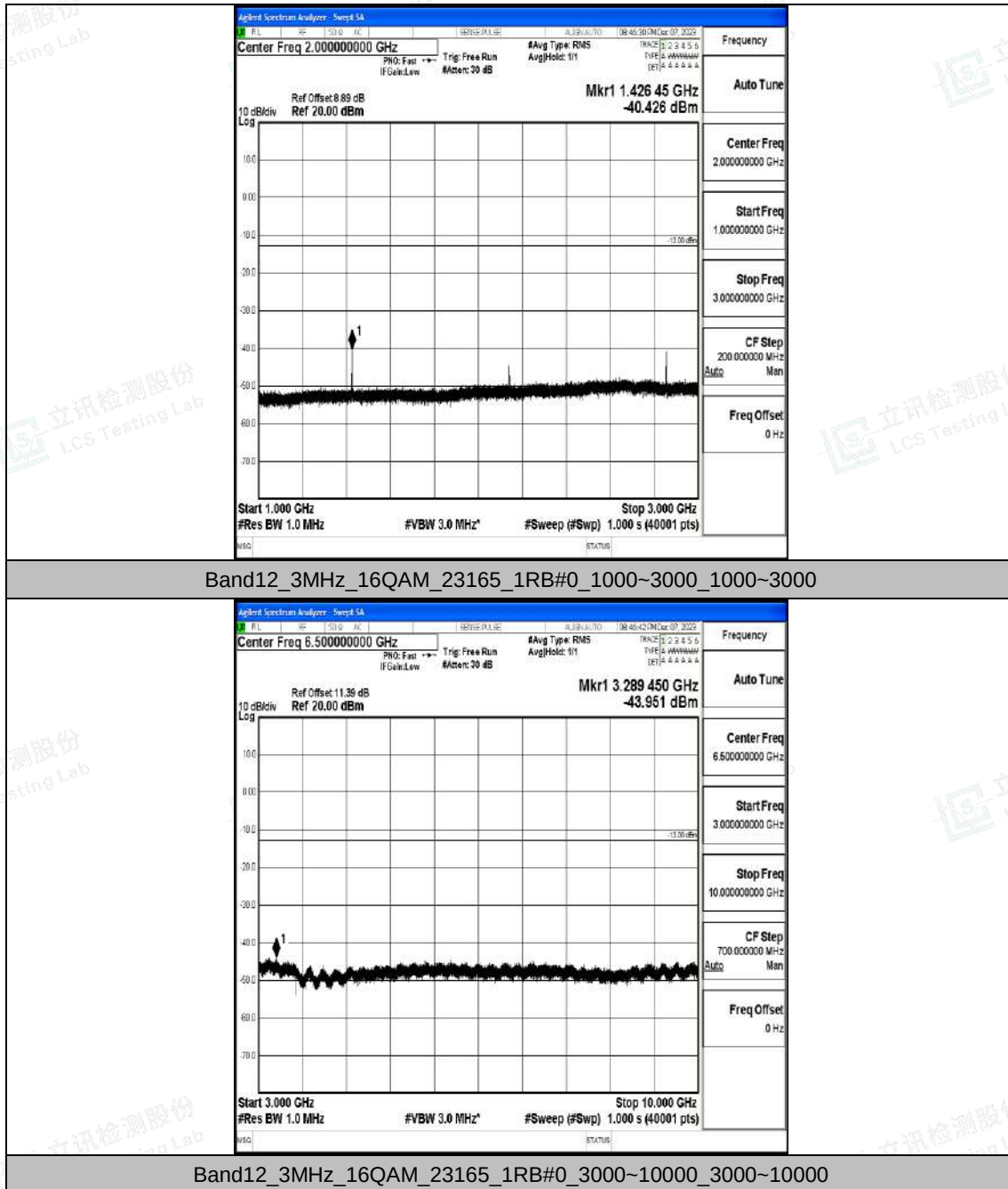


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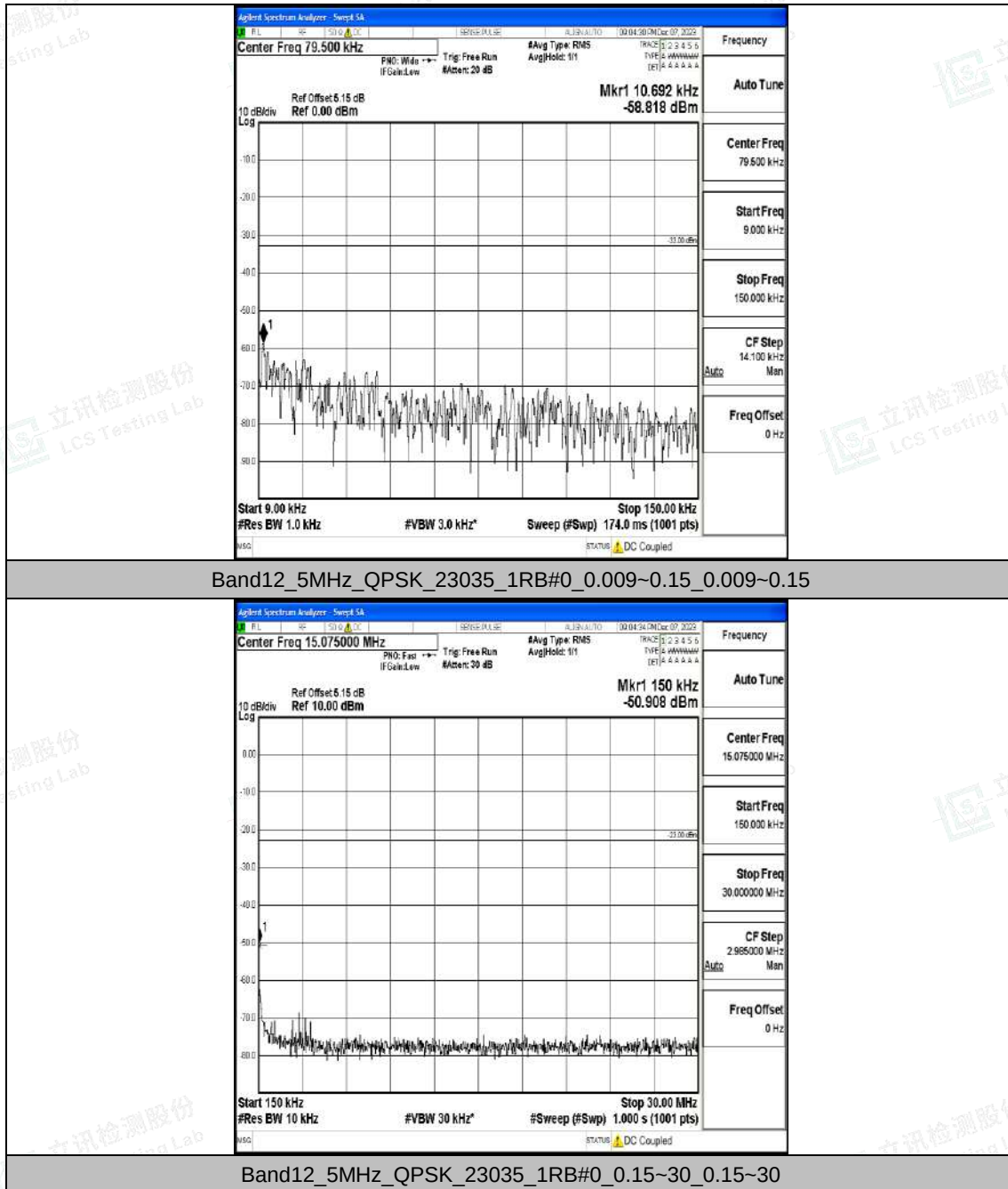


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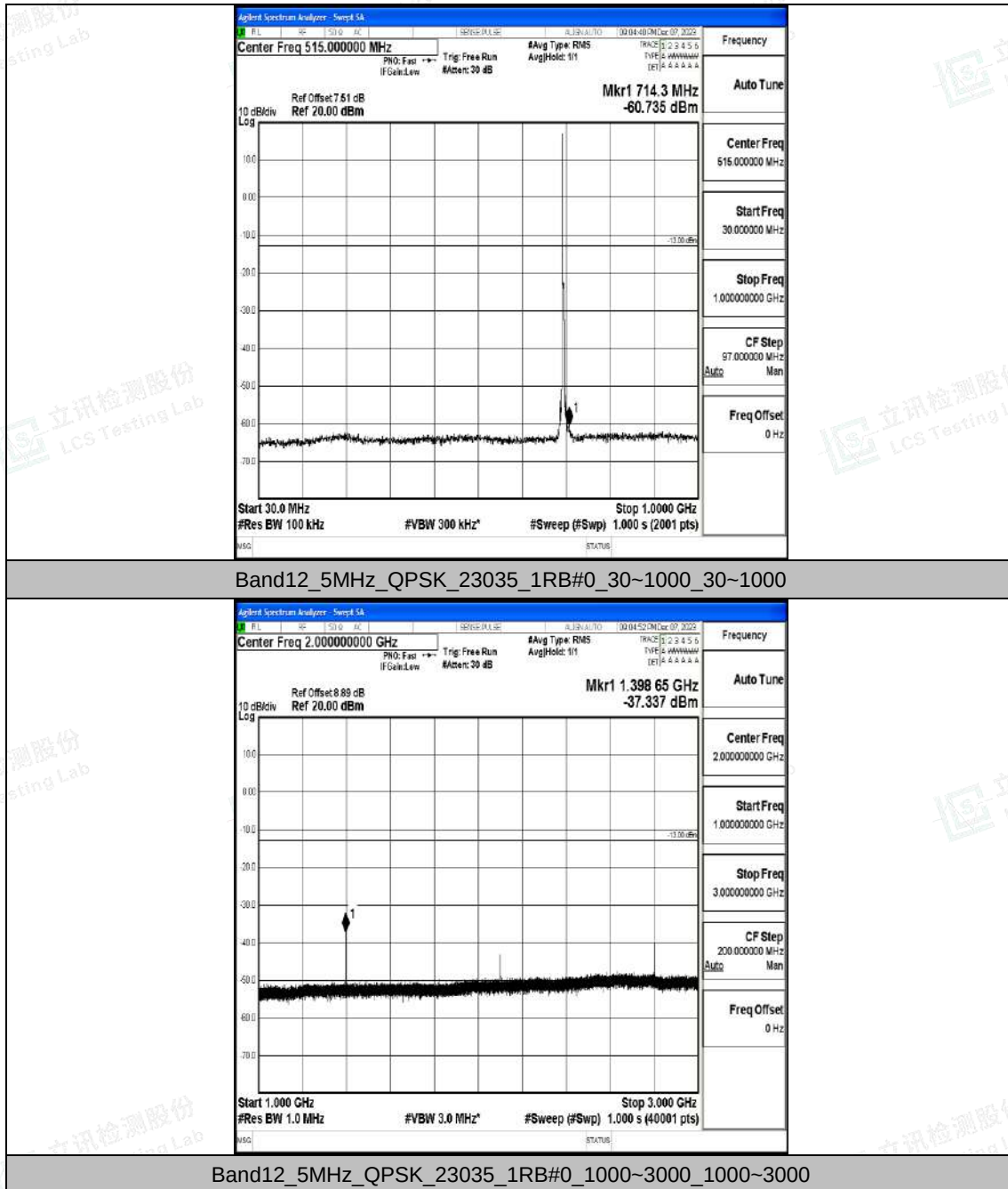


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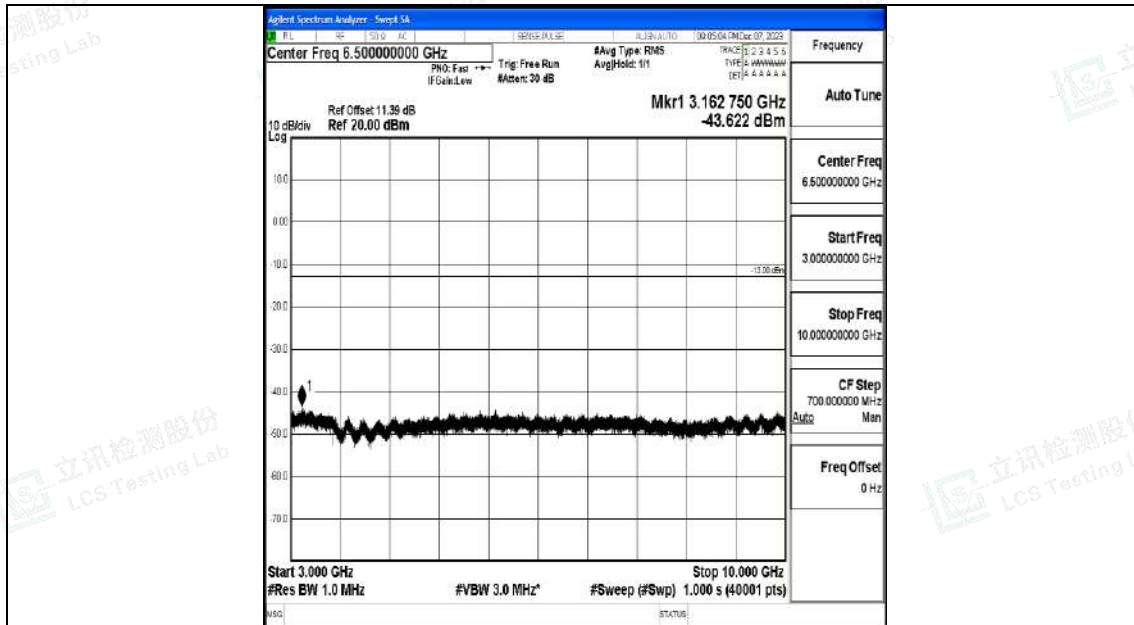


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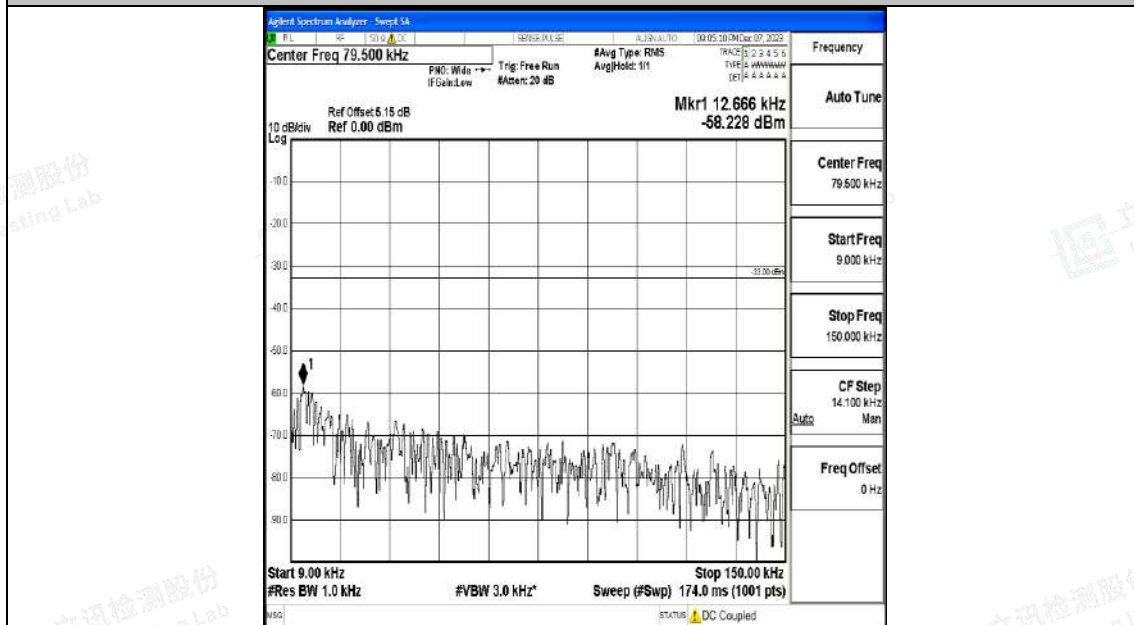
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Band12_5MHz_QPSK_23035_1RB#0_3000~10000_3000~10000



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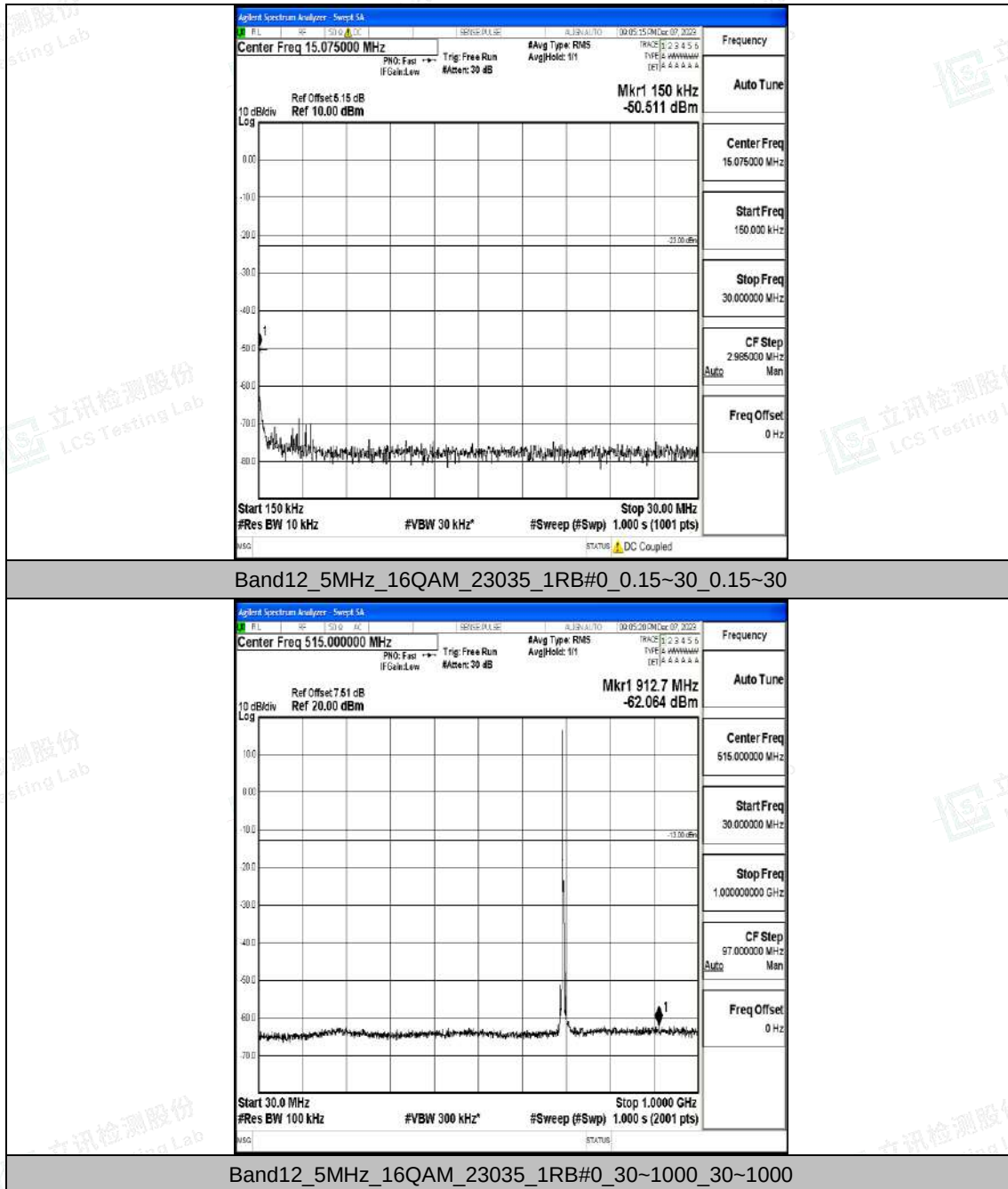


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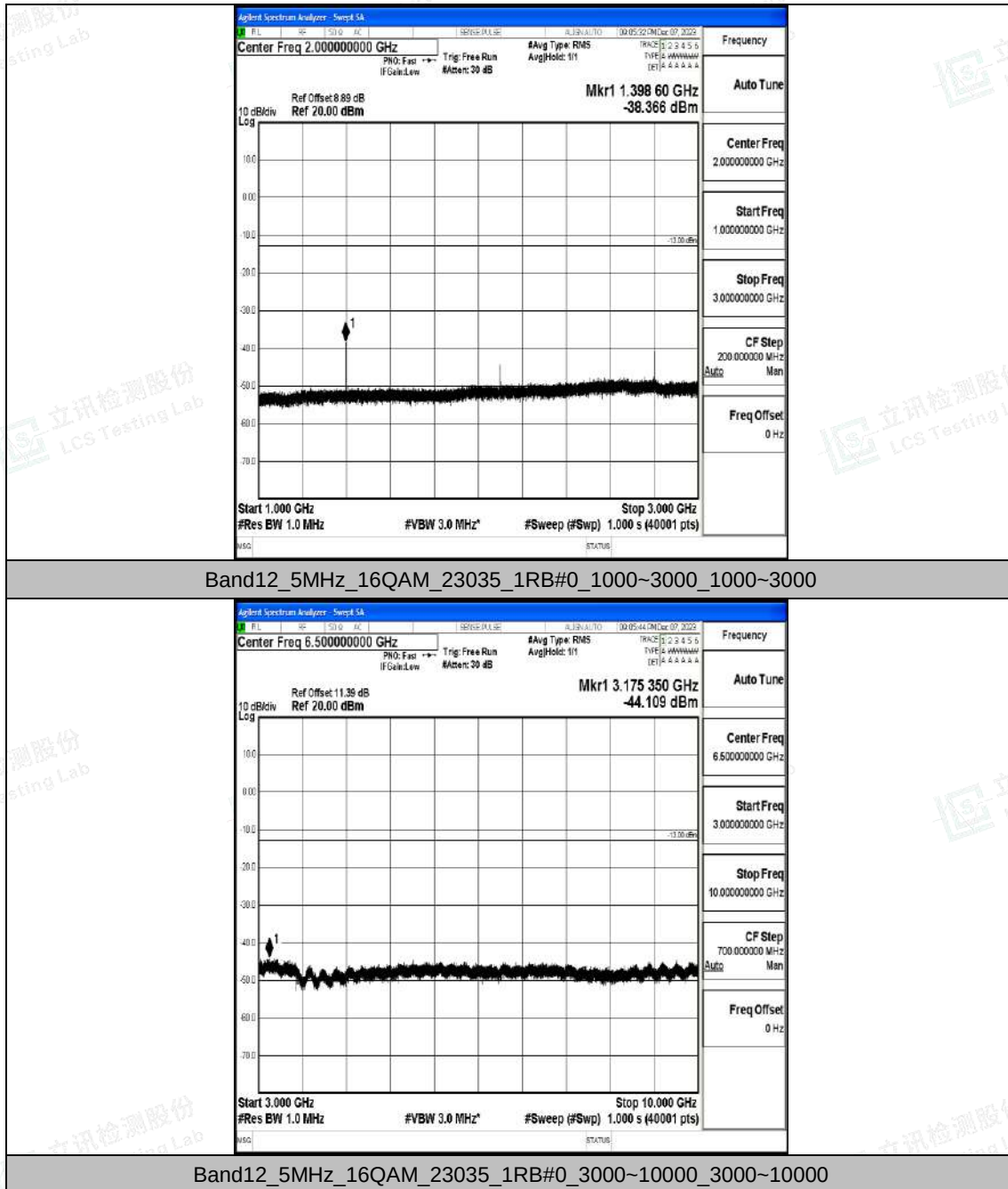


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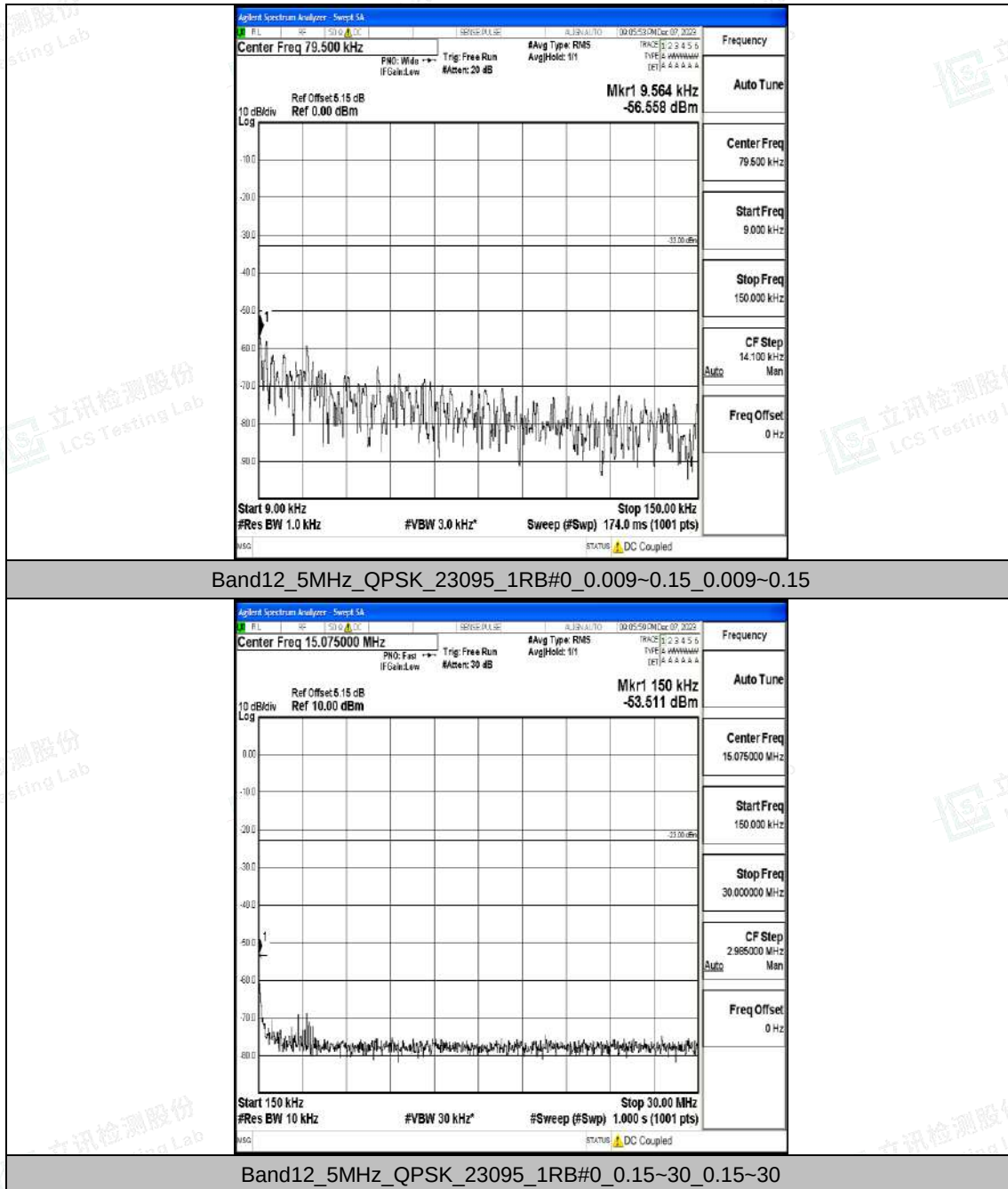


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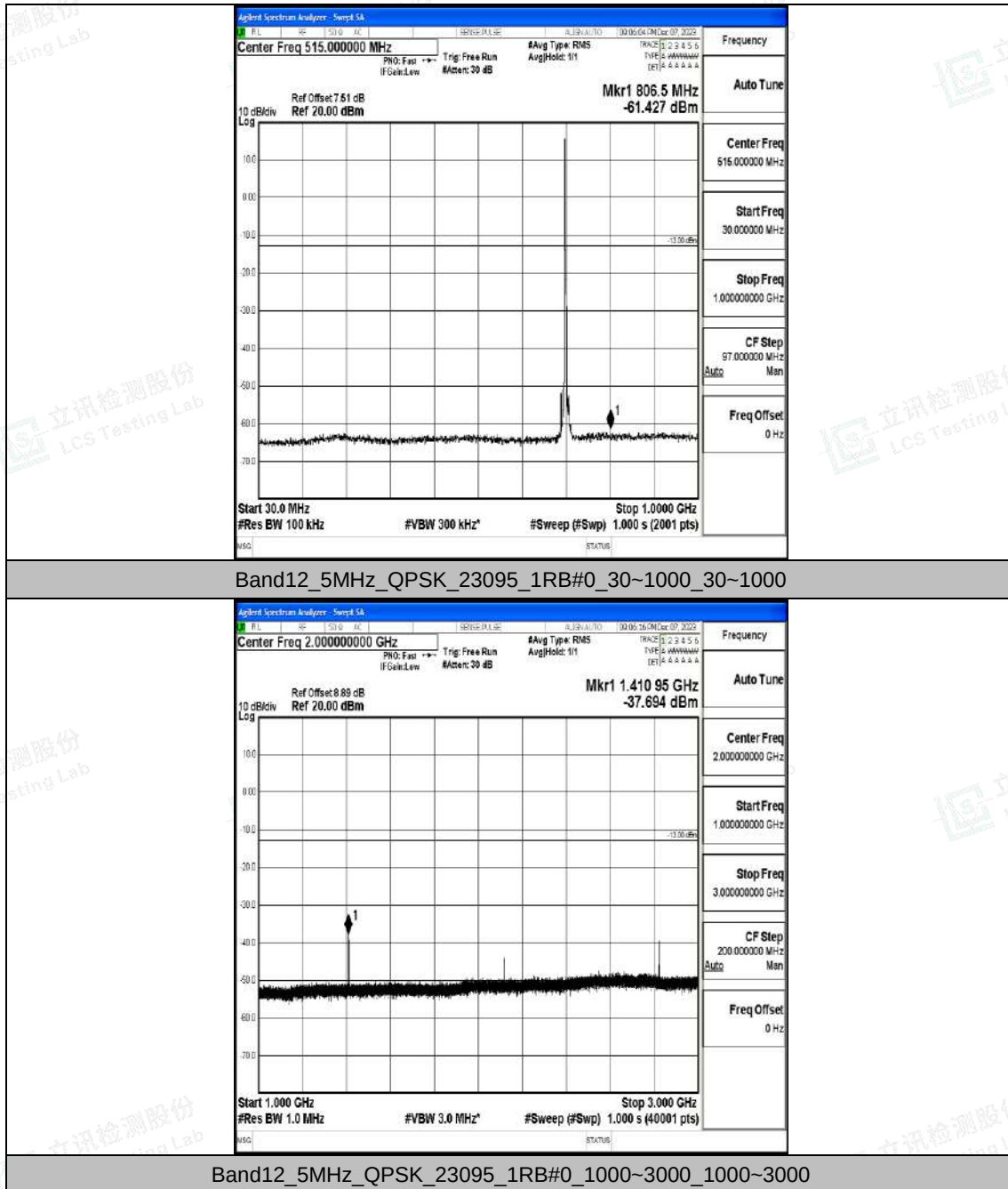


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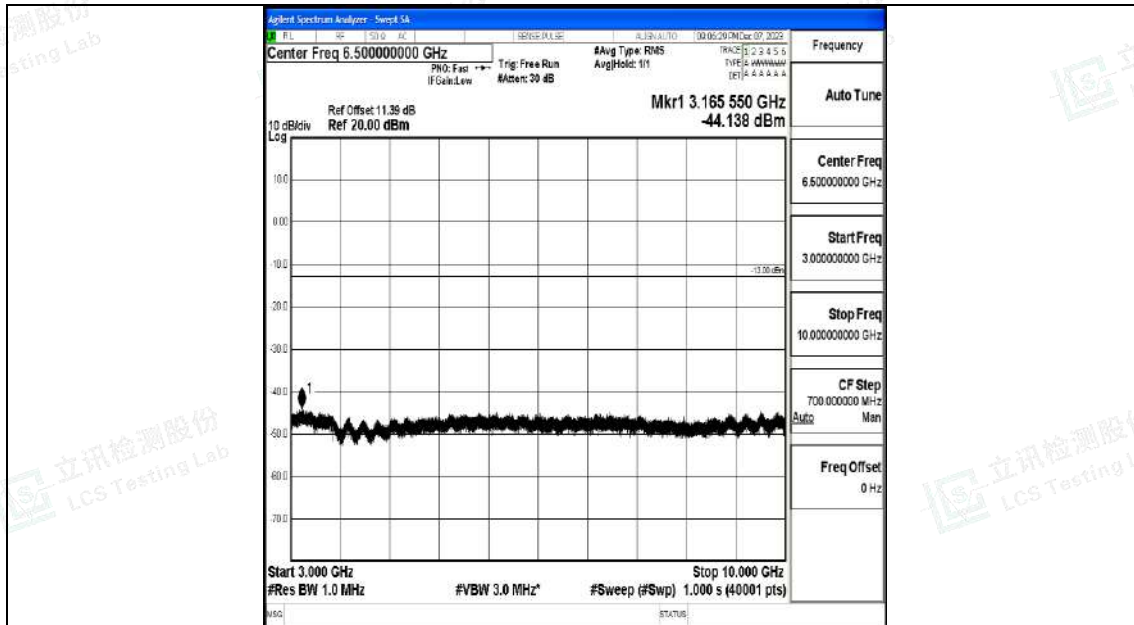


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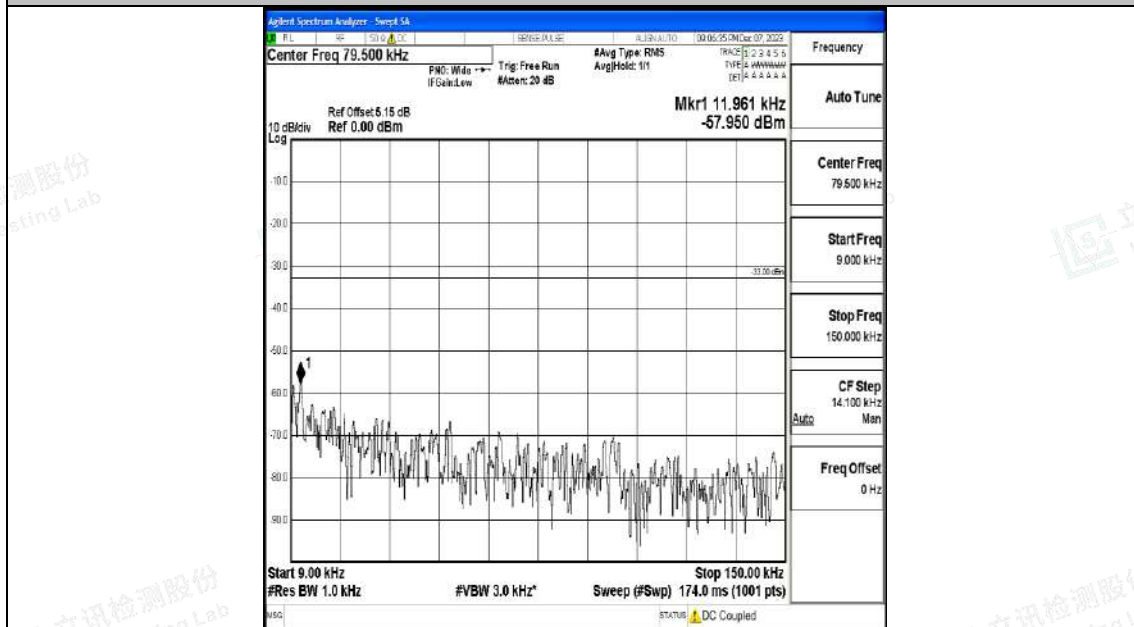
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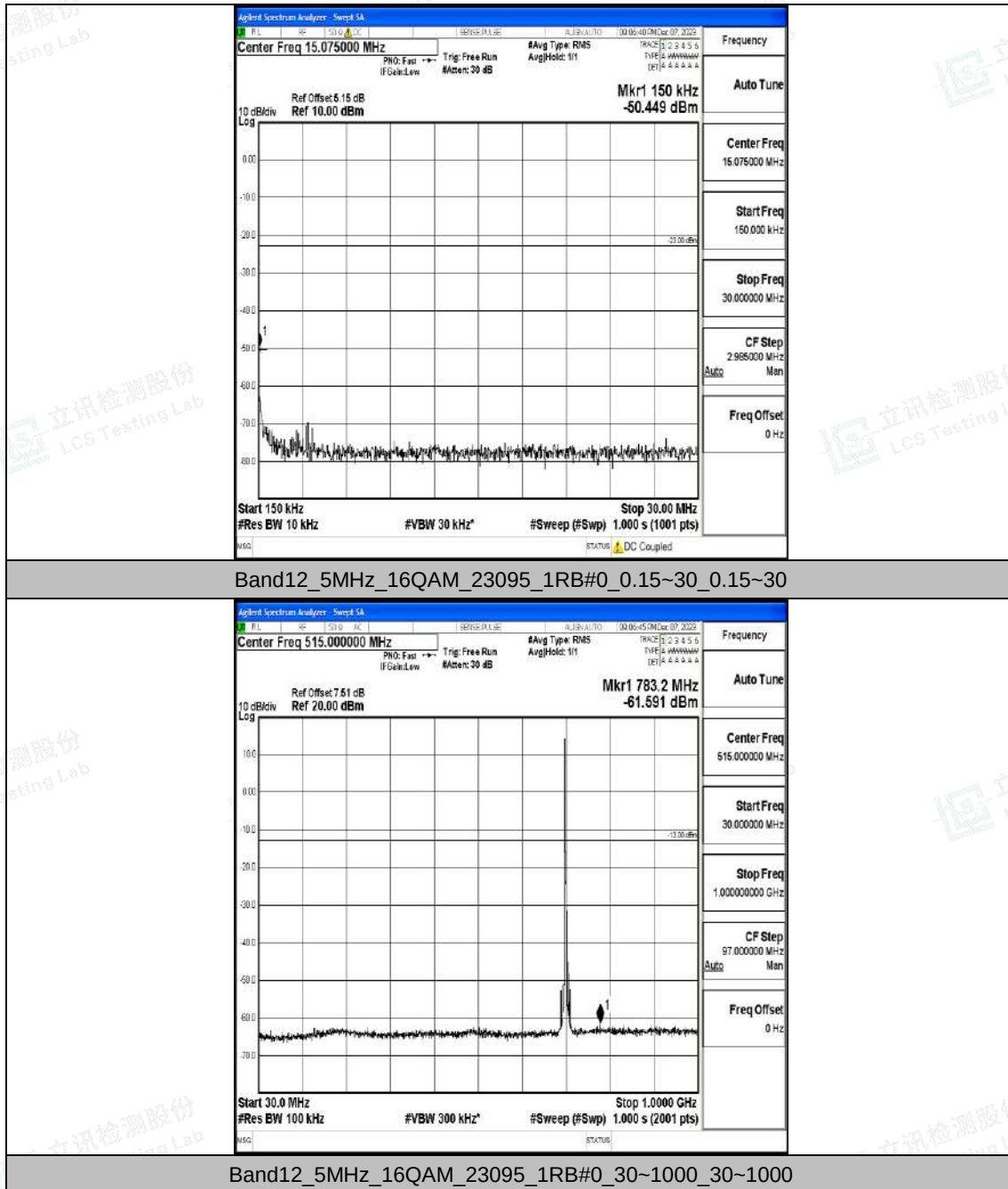


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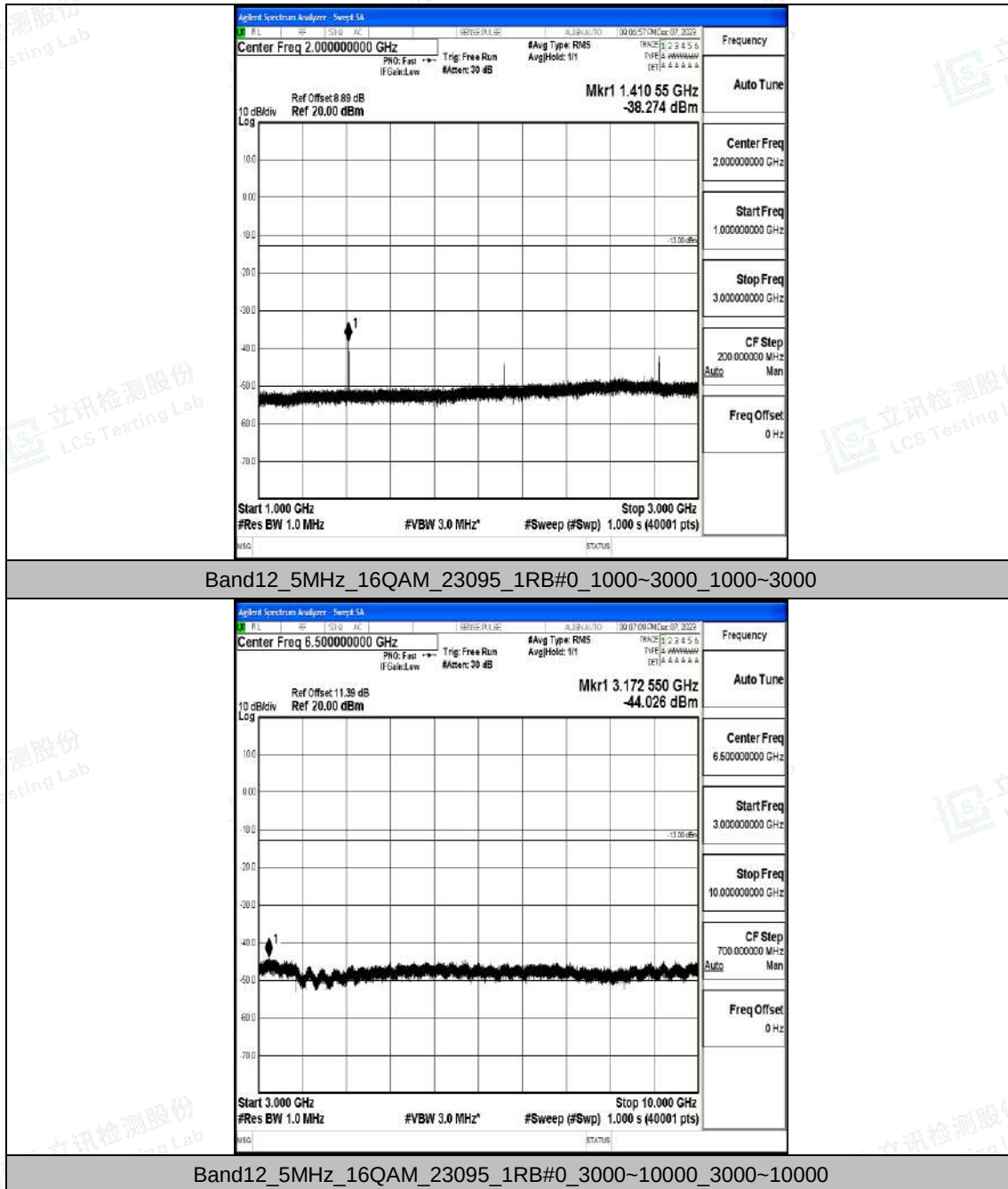


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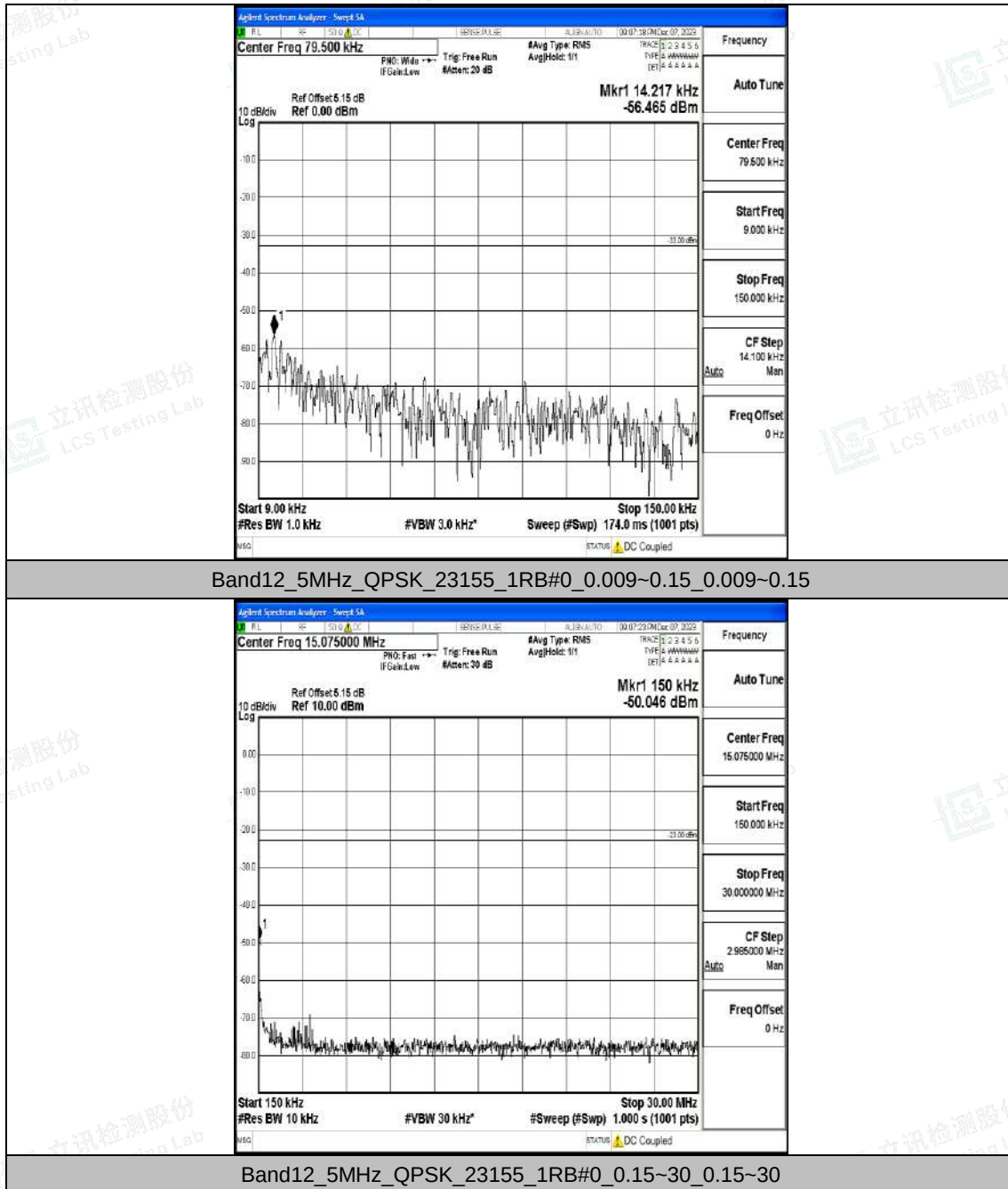


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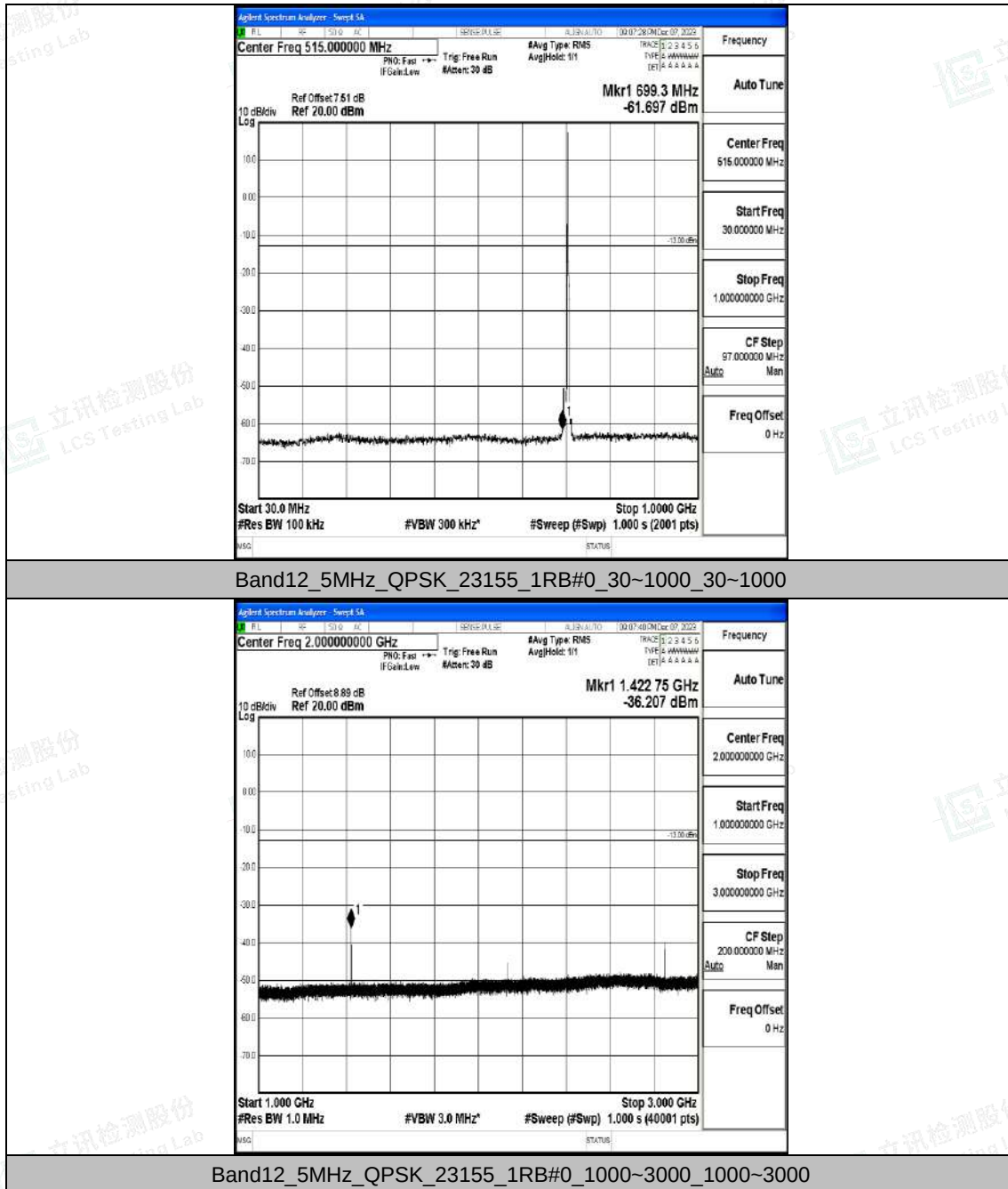


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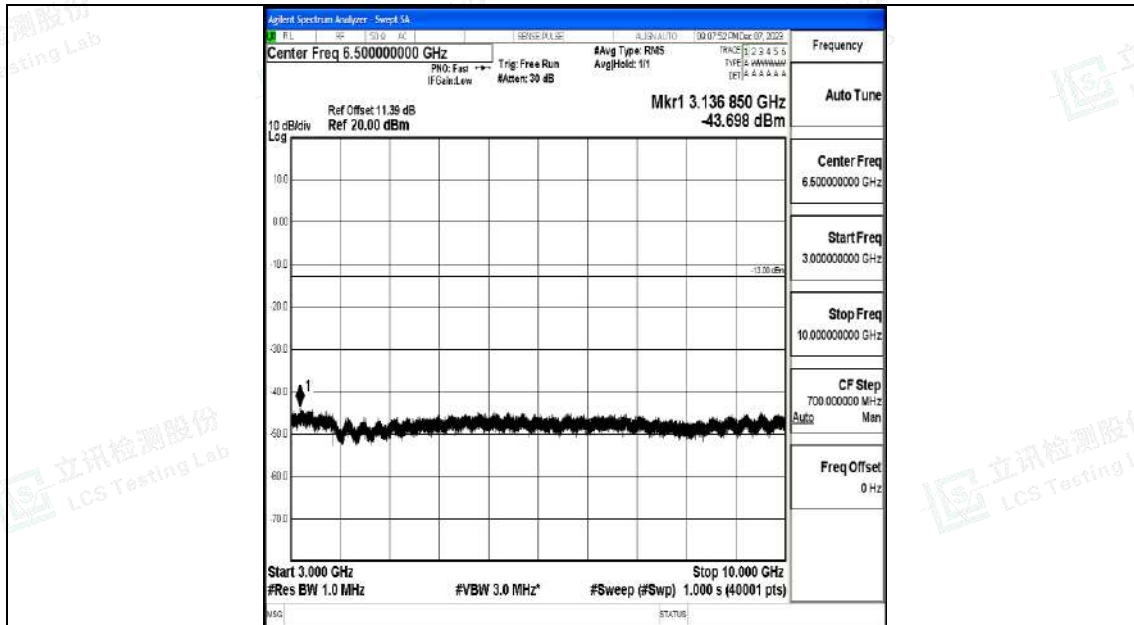


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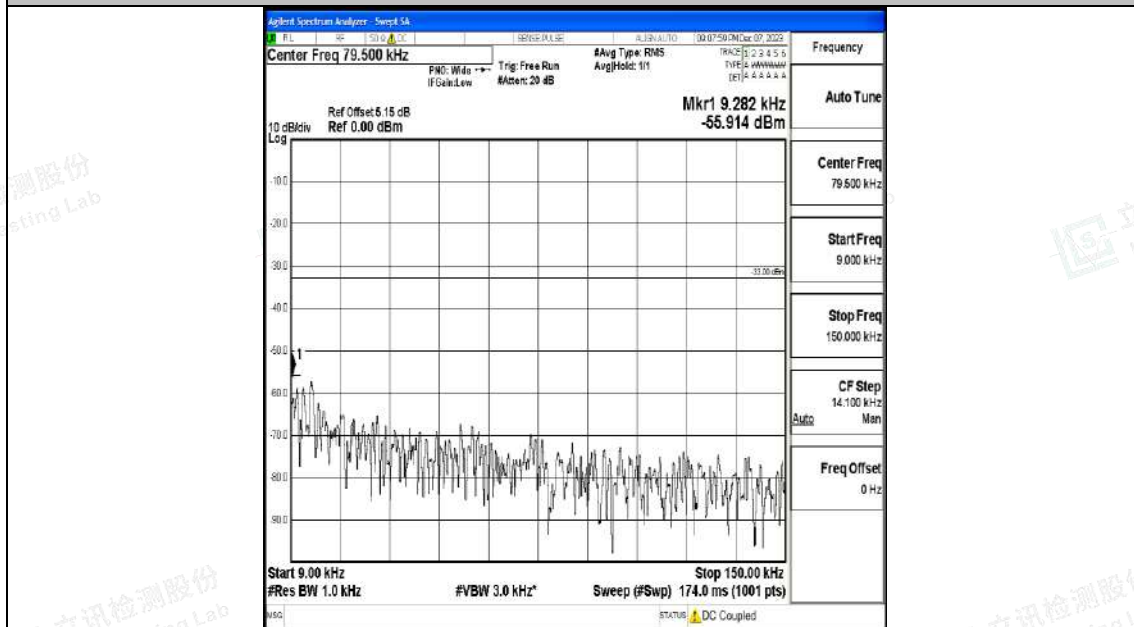
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Band12_5MHz_QPSK_23155_1RB#0_3000~10000_3000~10000



Band12_5MHz_16QAM_23155_1RB#0_0.009~0.15_0.009~0.15

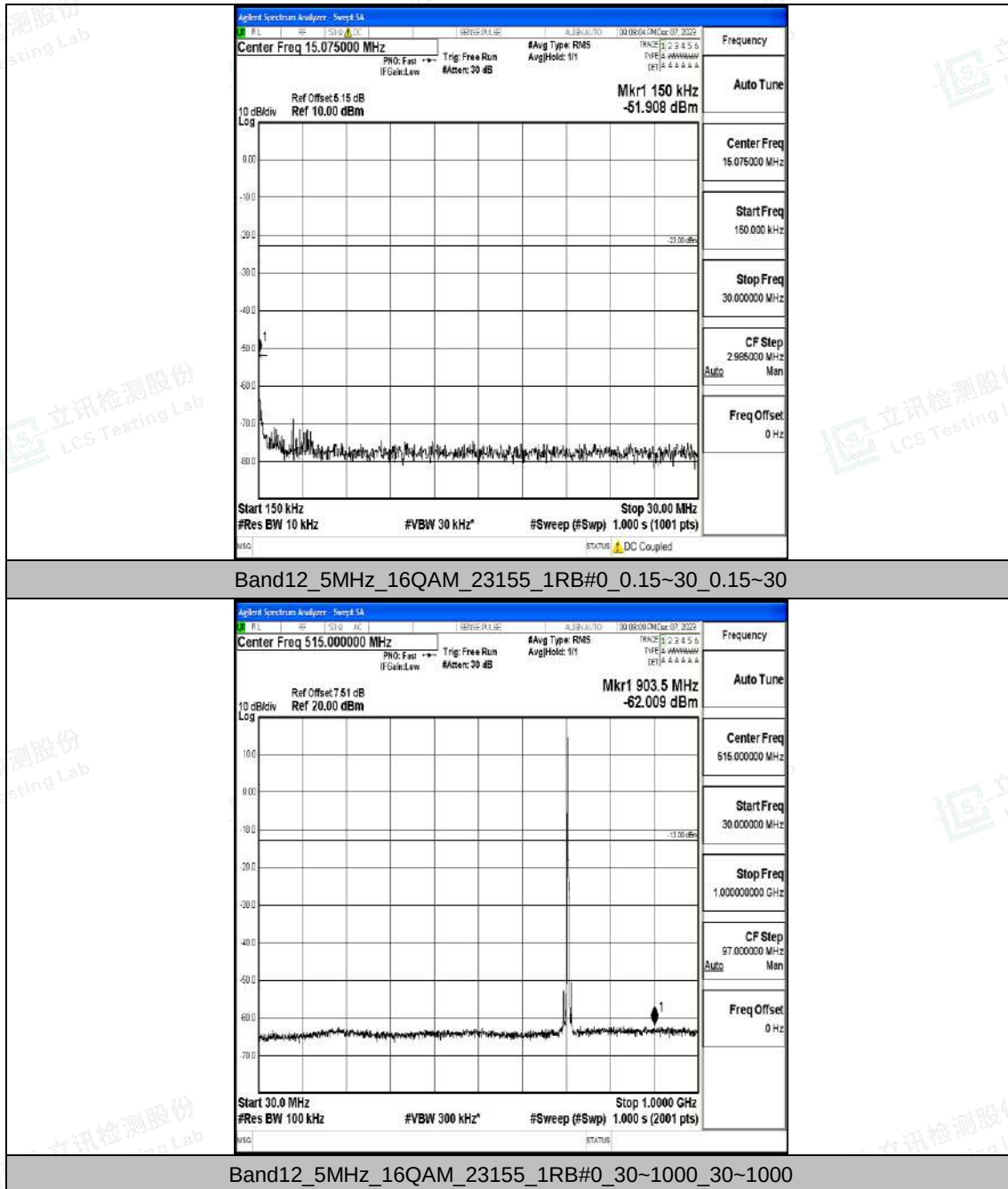


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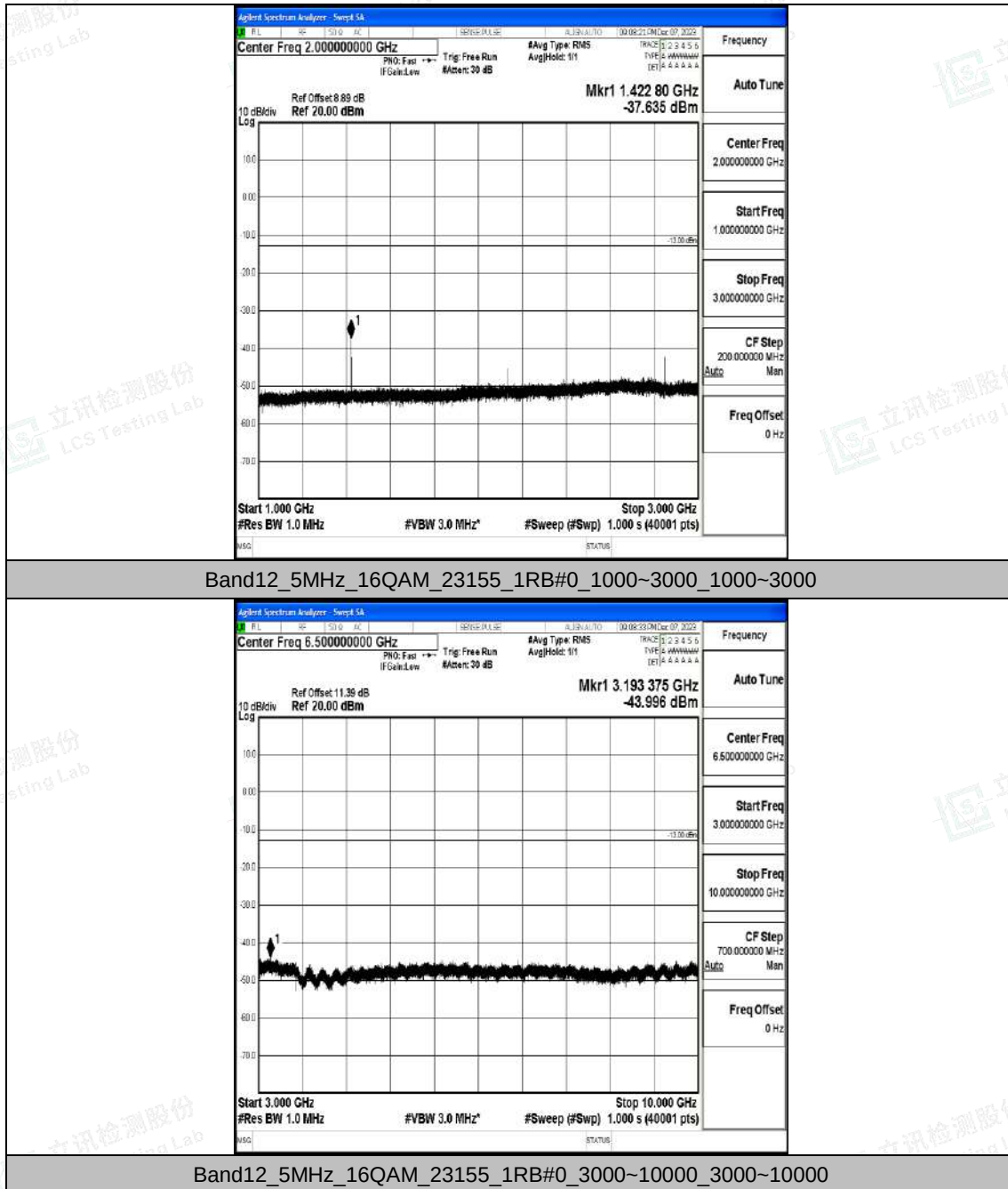


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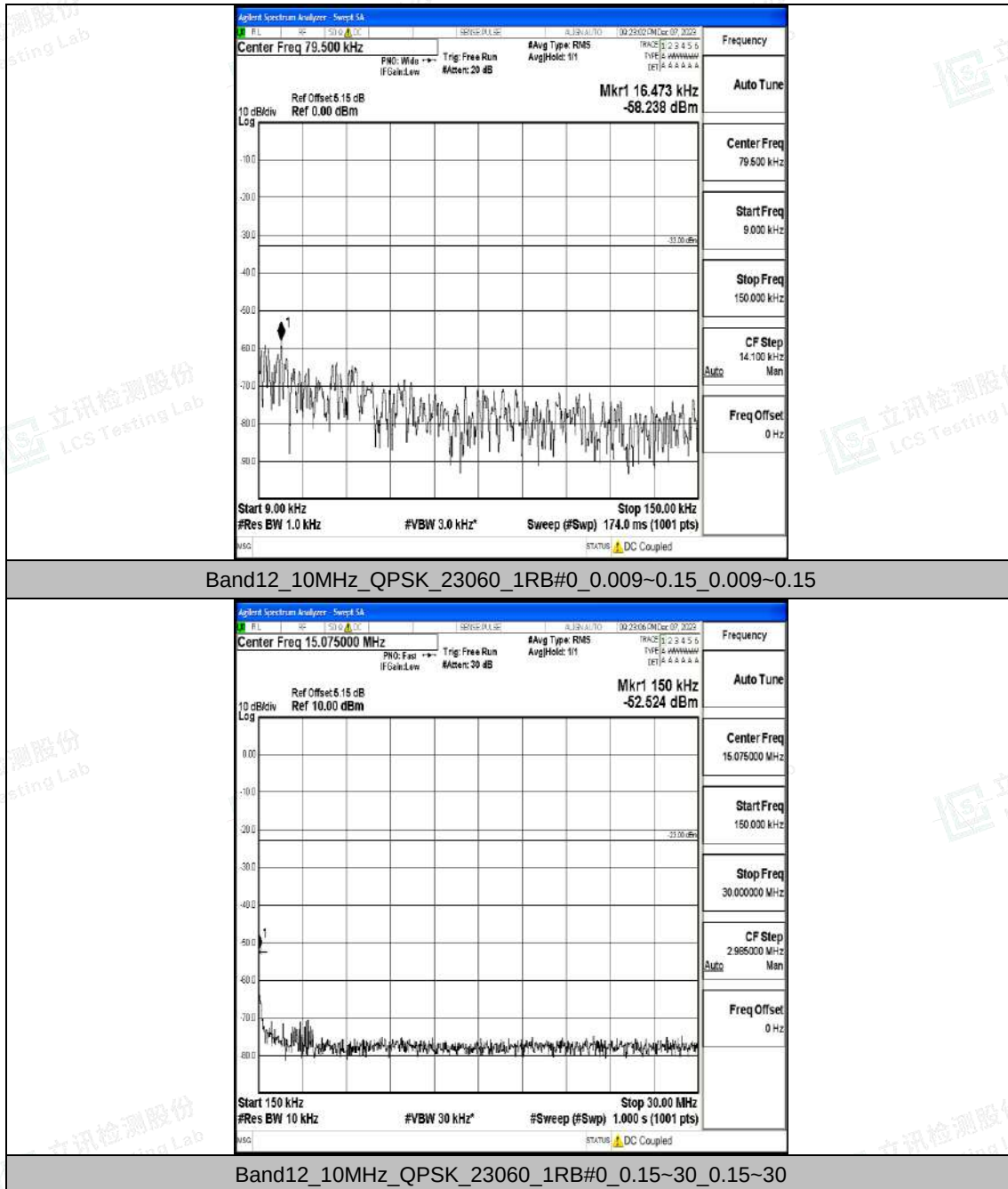


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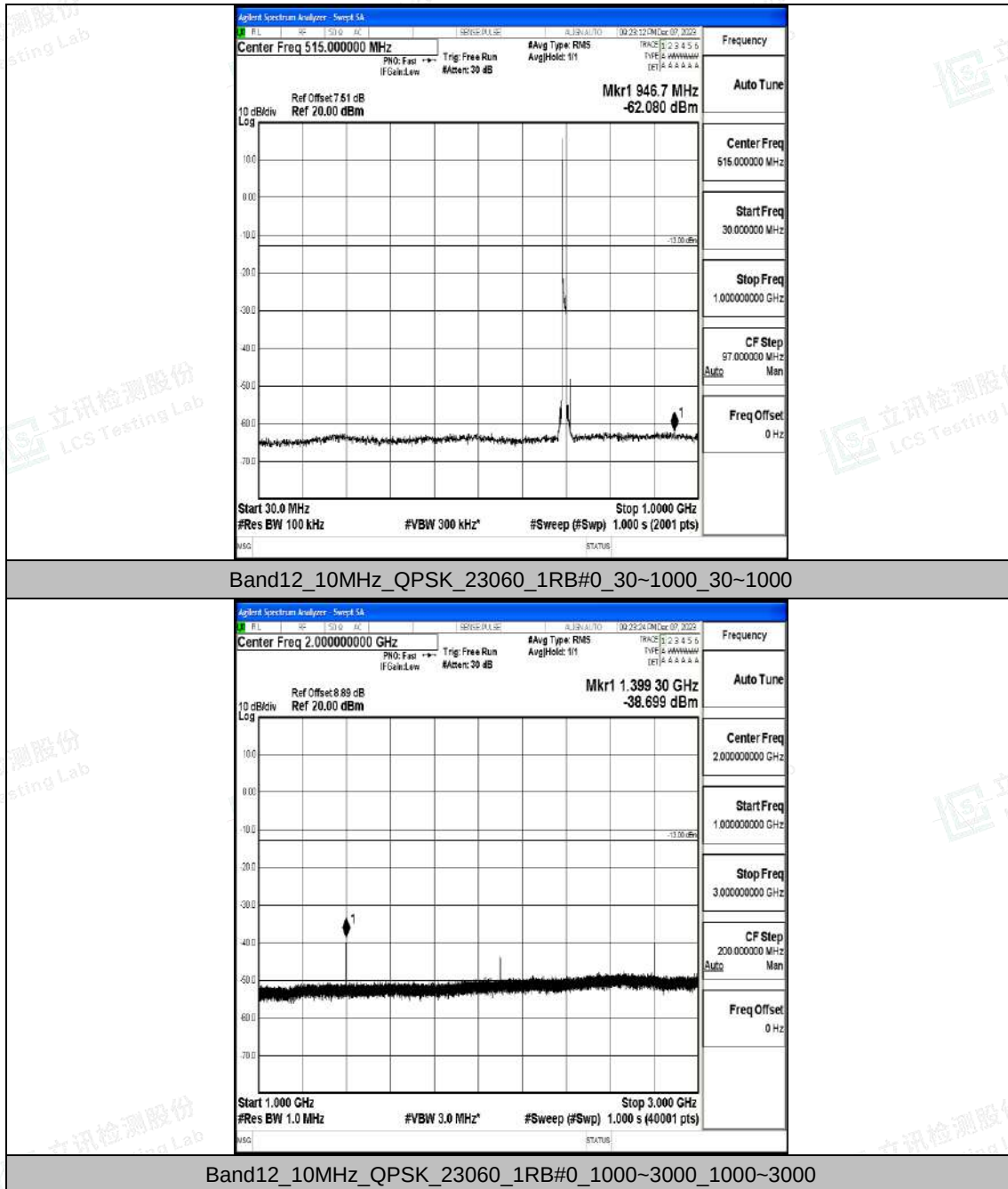


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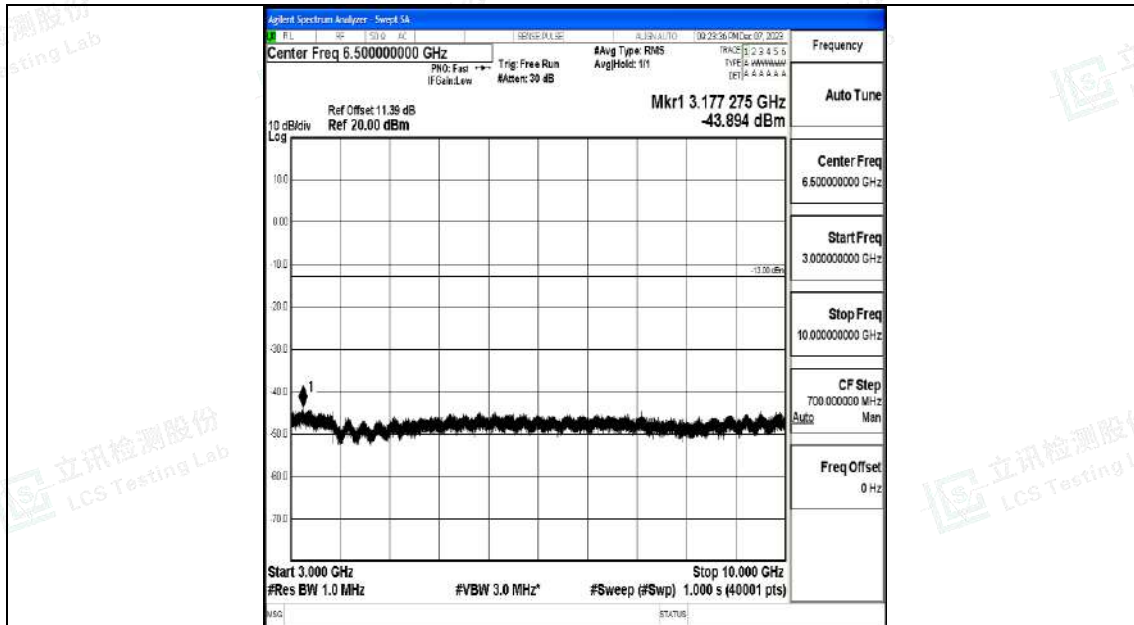


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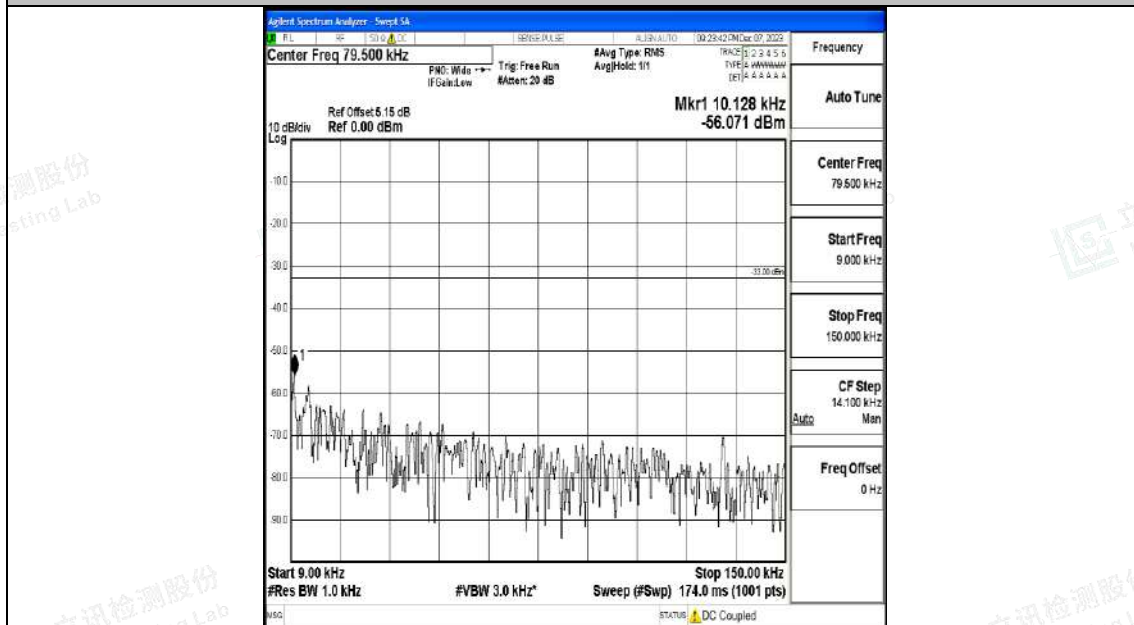
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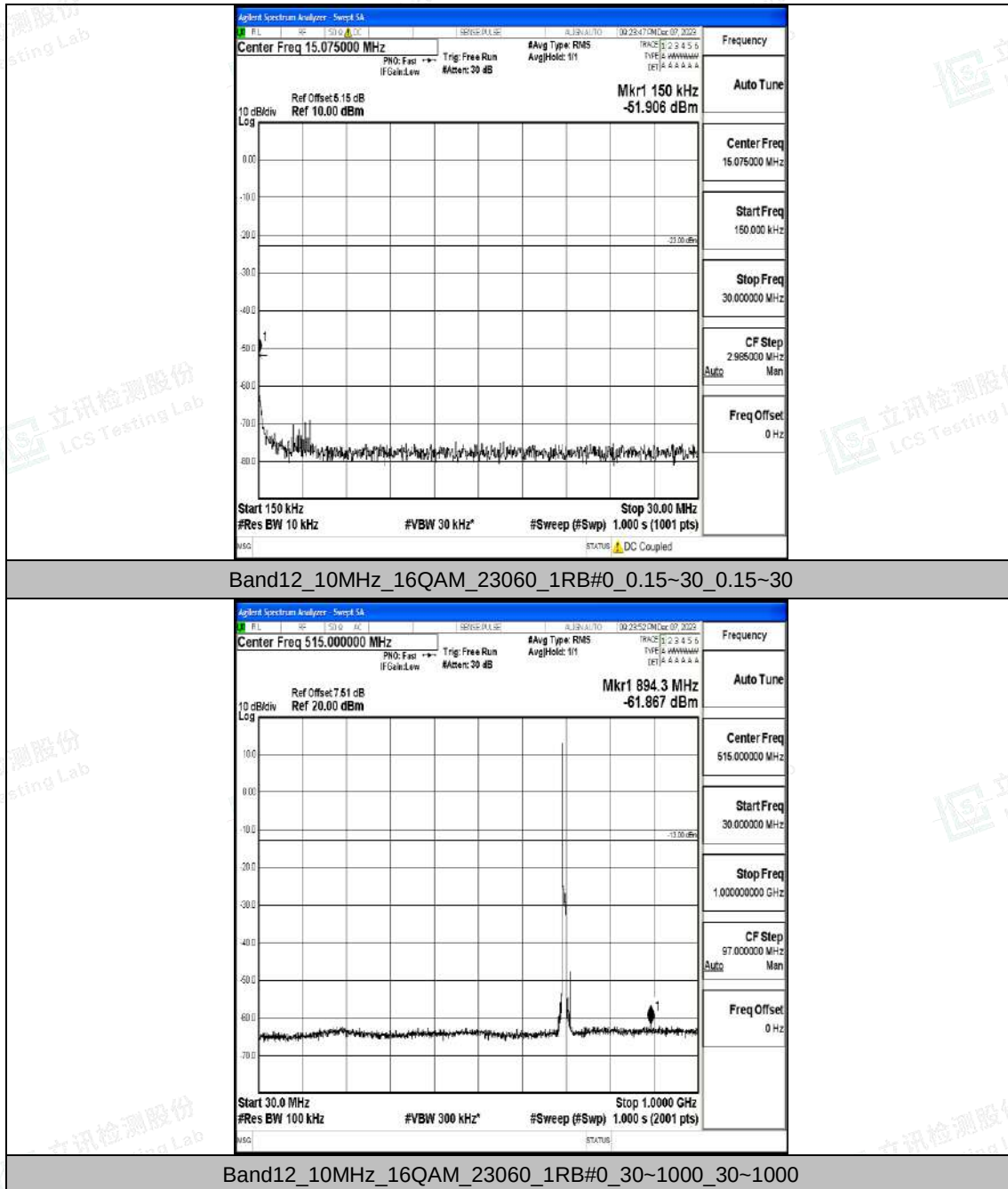


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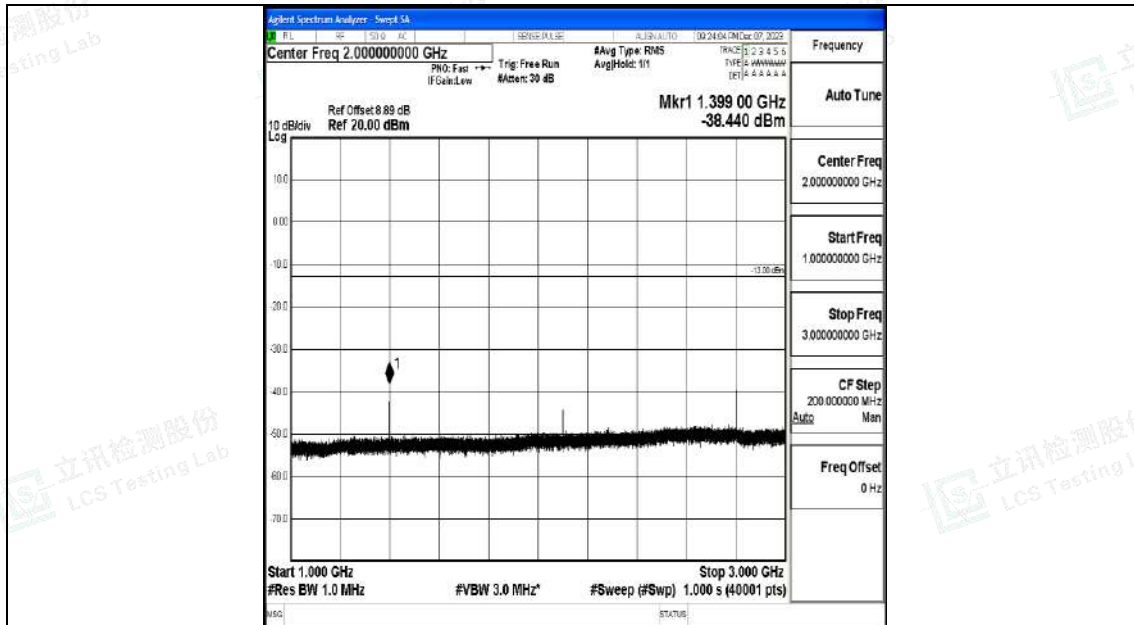


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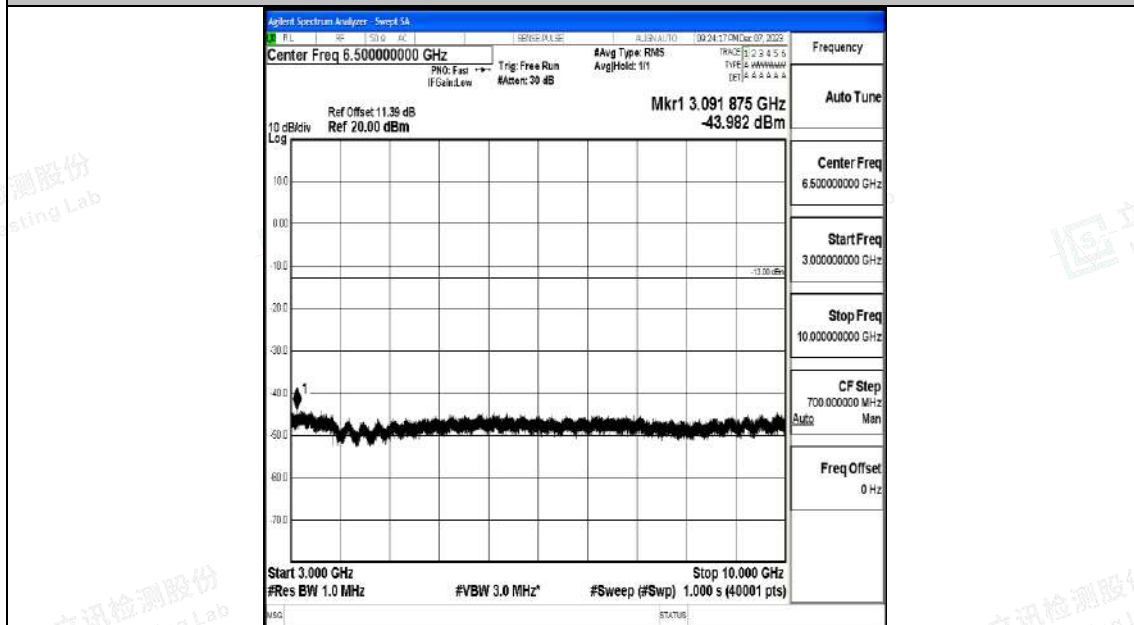
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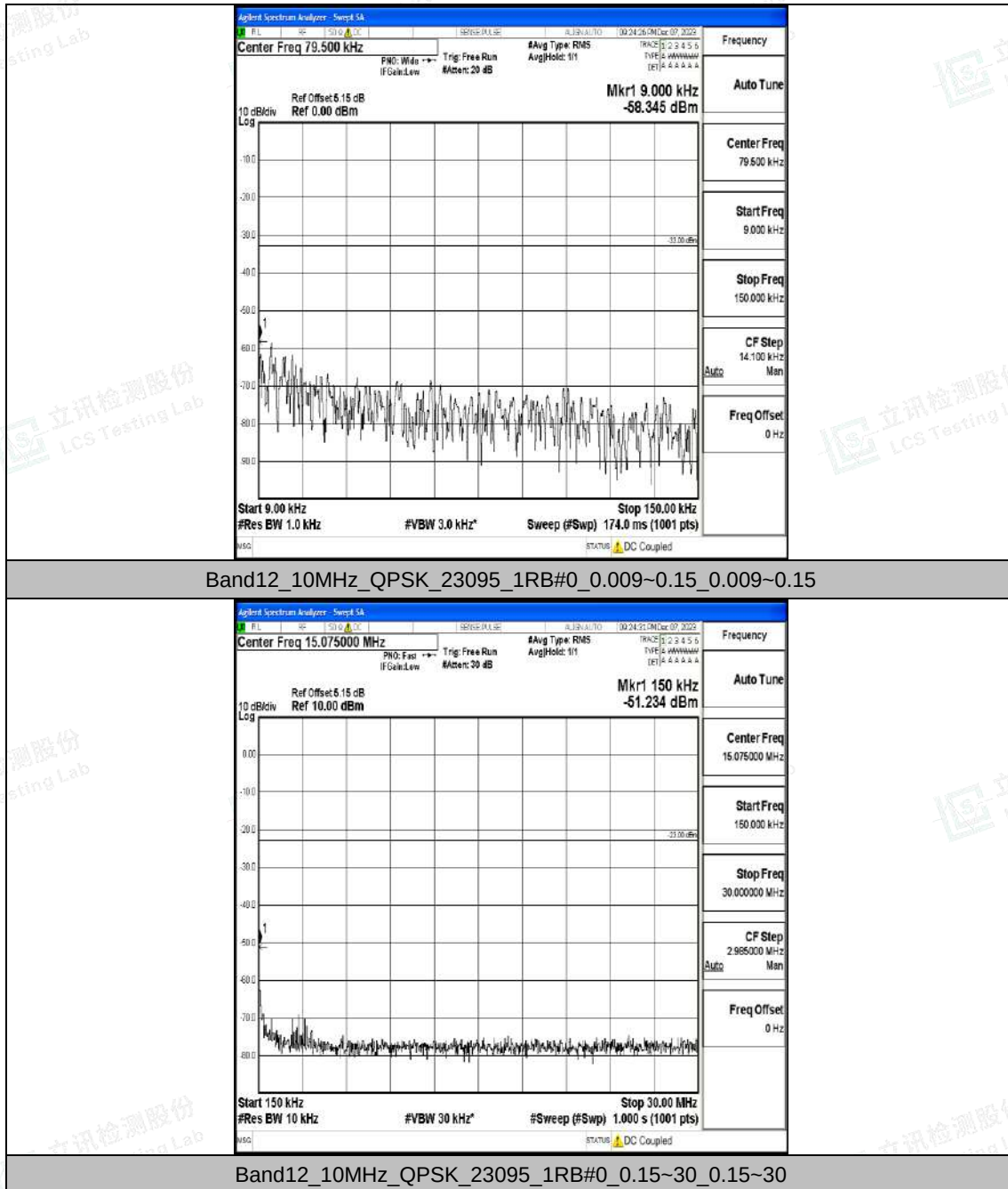


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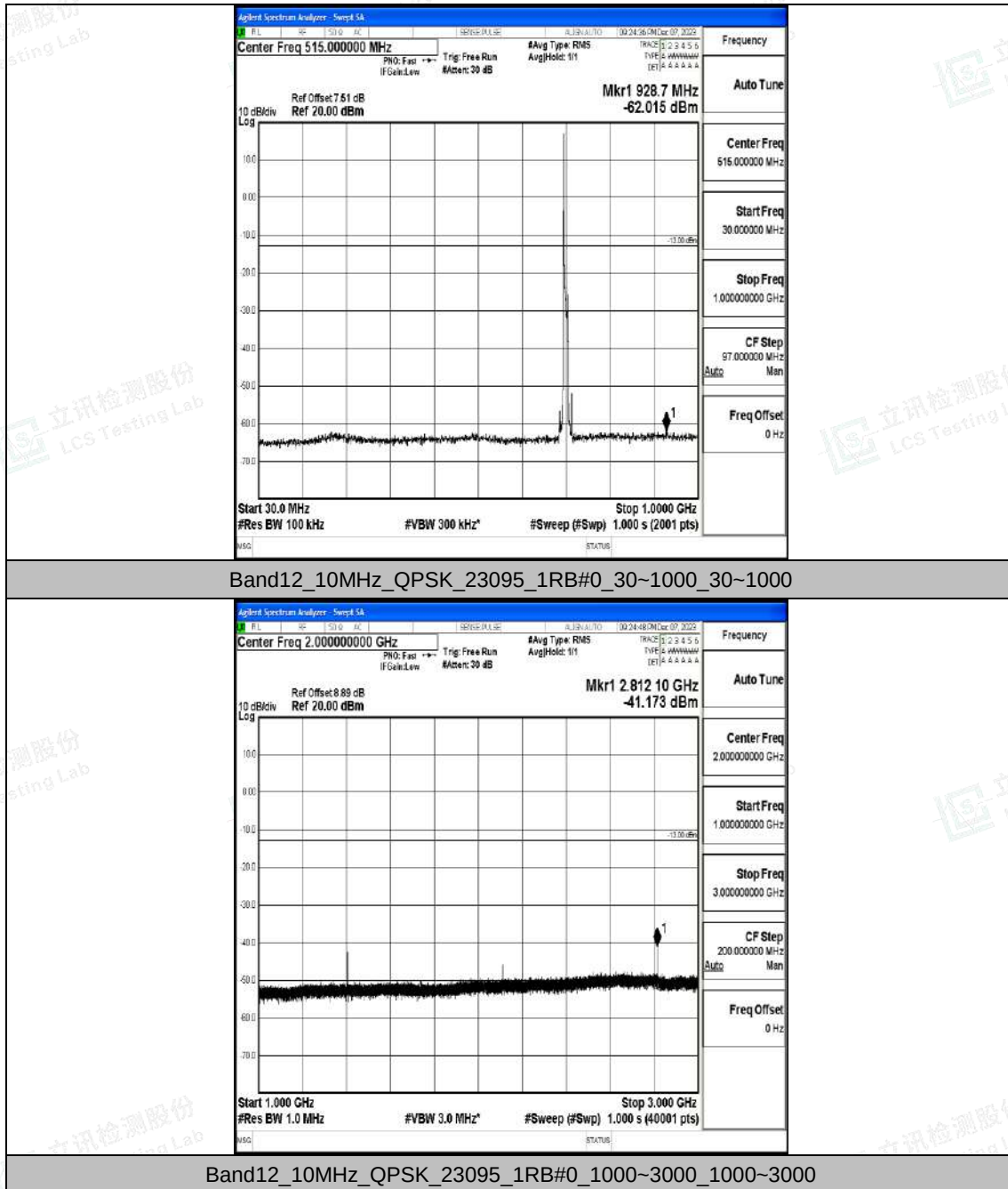


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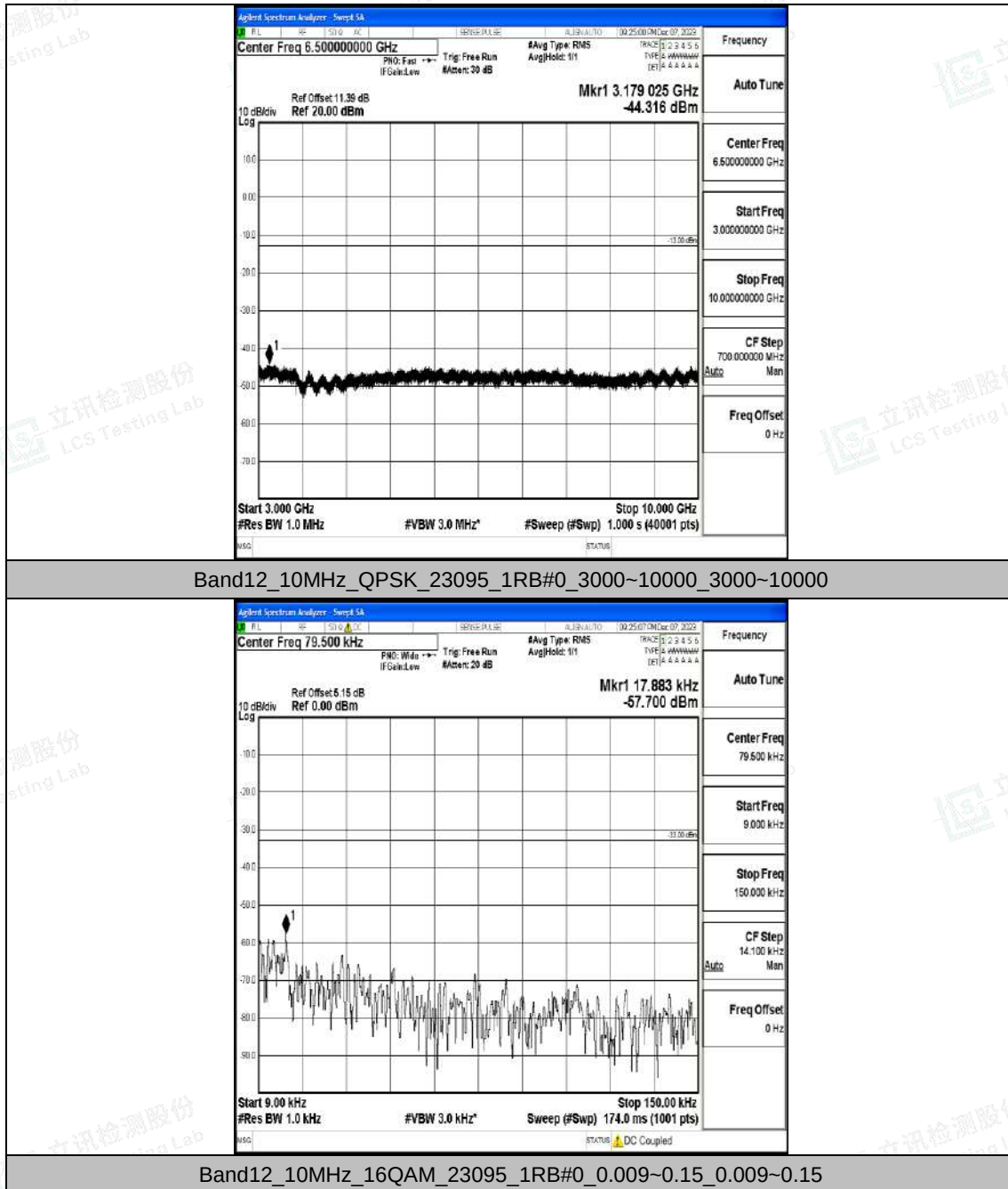


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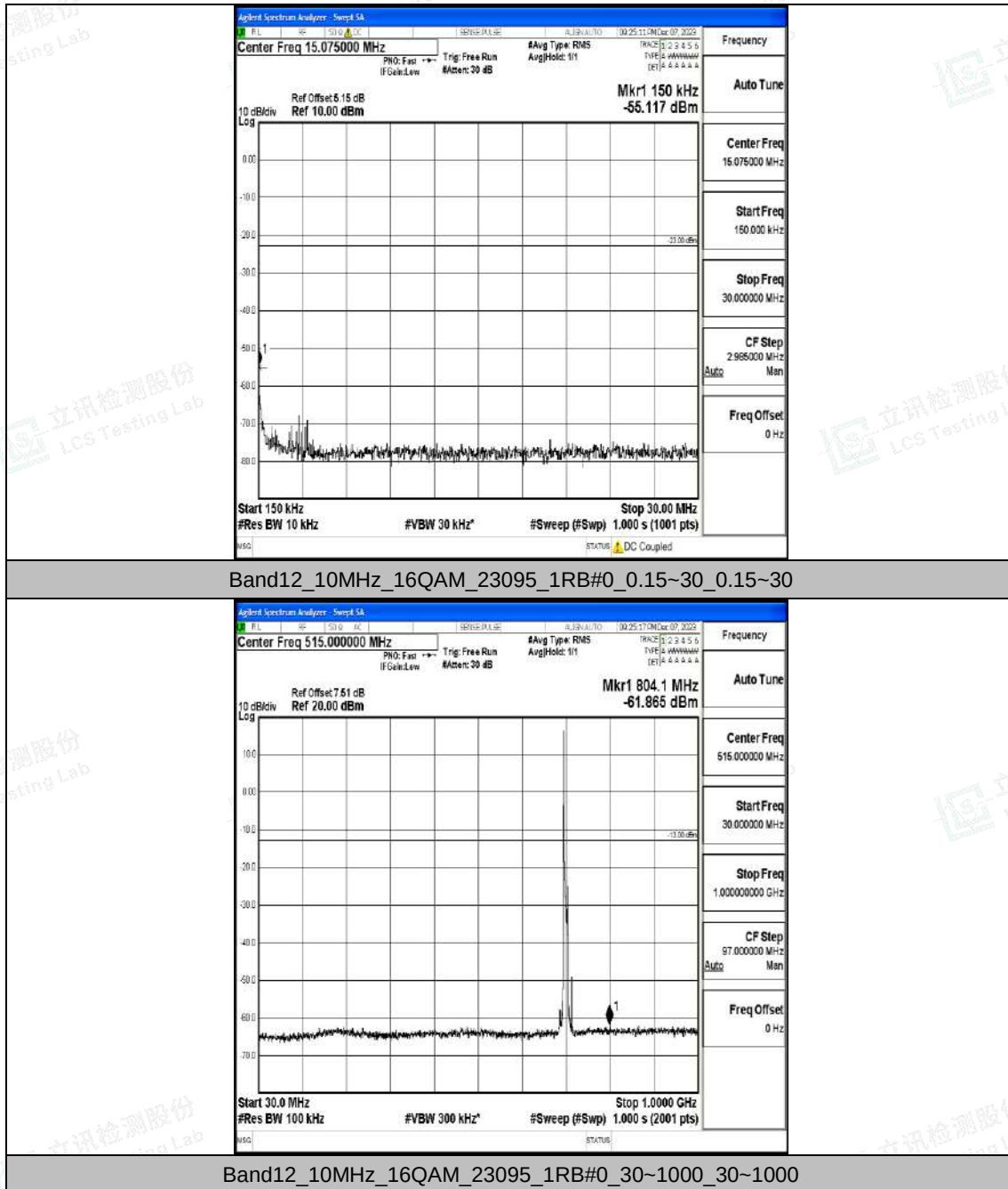


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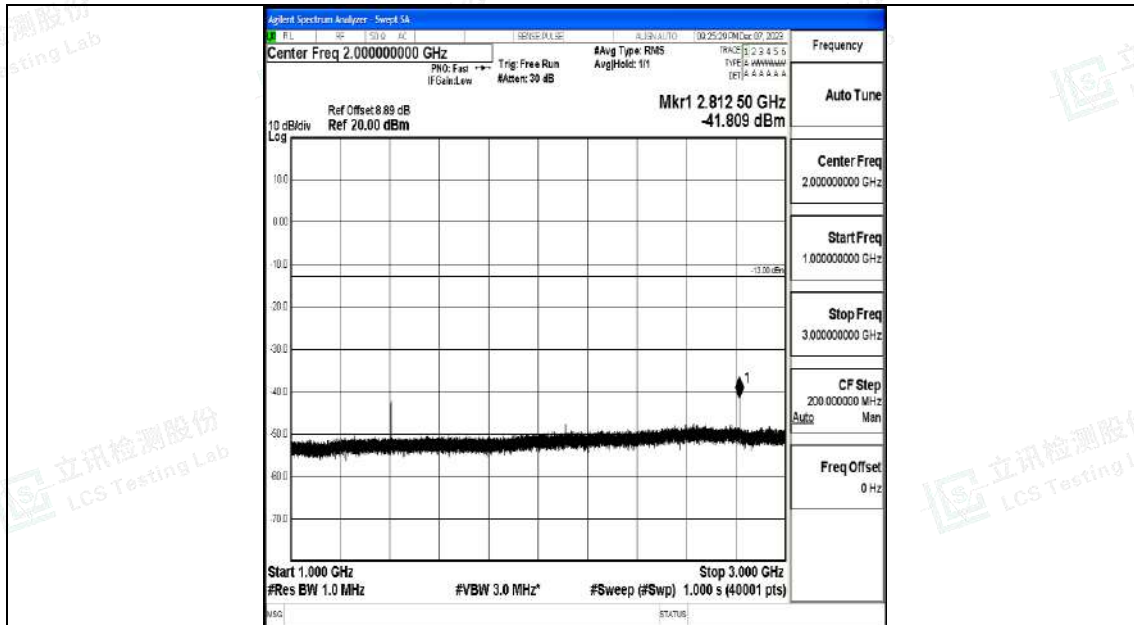


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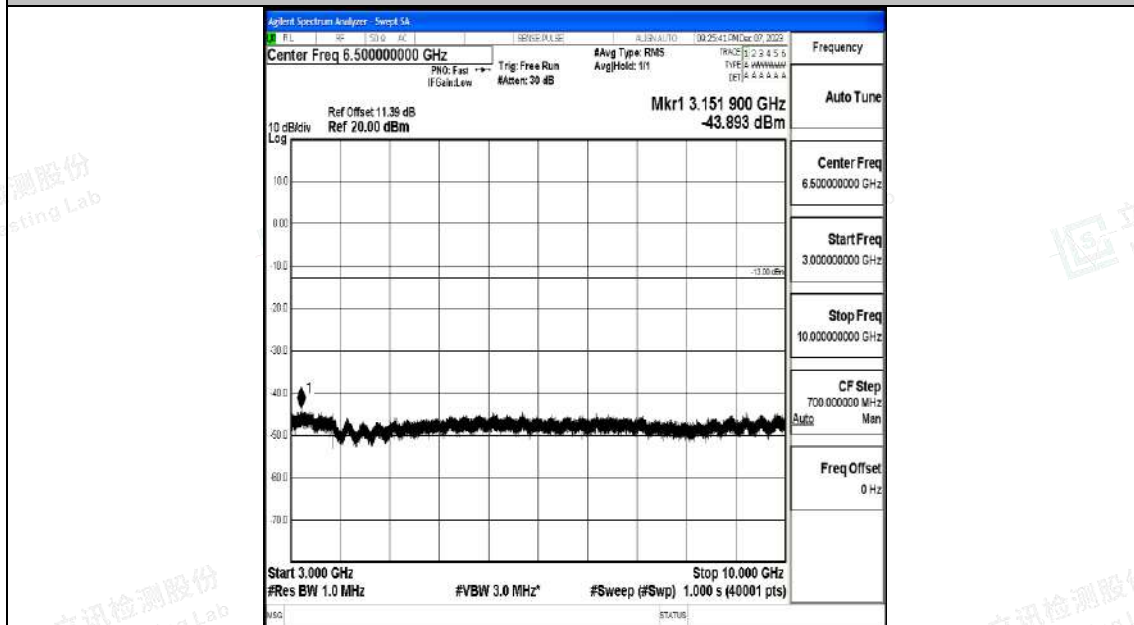
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Band12_10MHz_16QAM_23095_1RB#0_1000~3000_1000~3000



Band12_10MHz_16QAM_23095_1RB#0_3000~10000_3000~10000

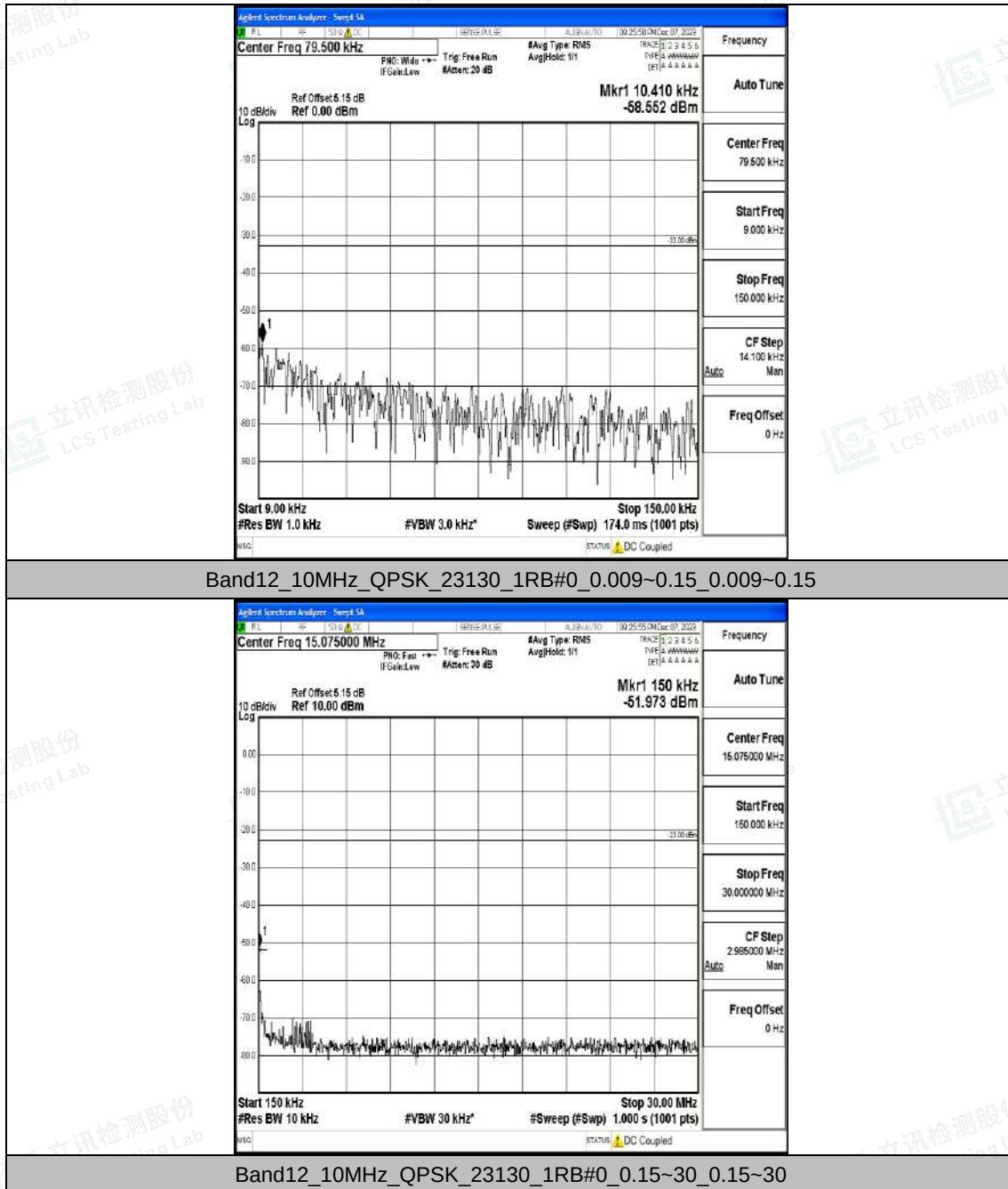


Shenzhen LCS Compliance Testing Laboratory Ltd.

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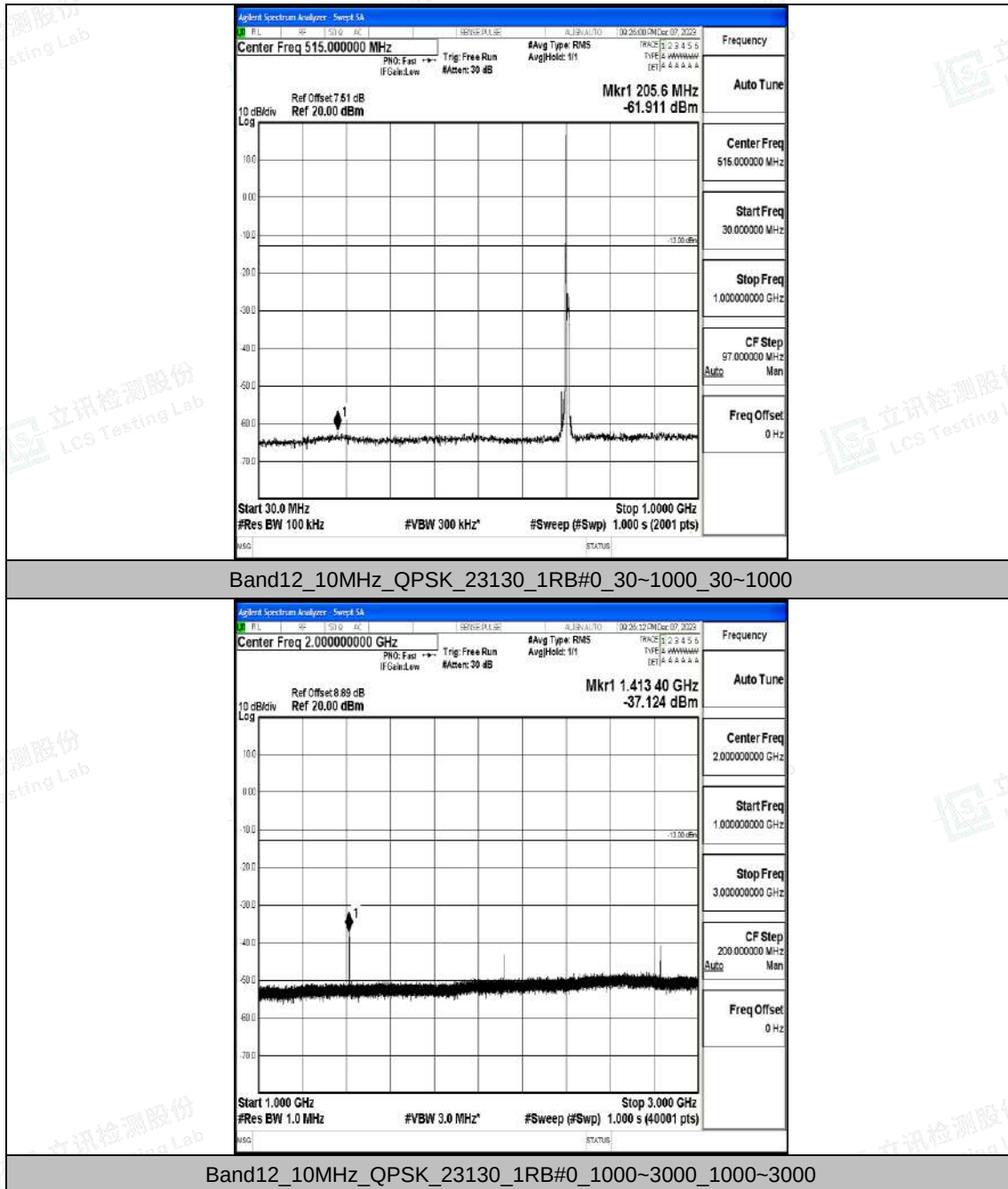


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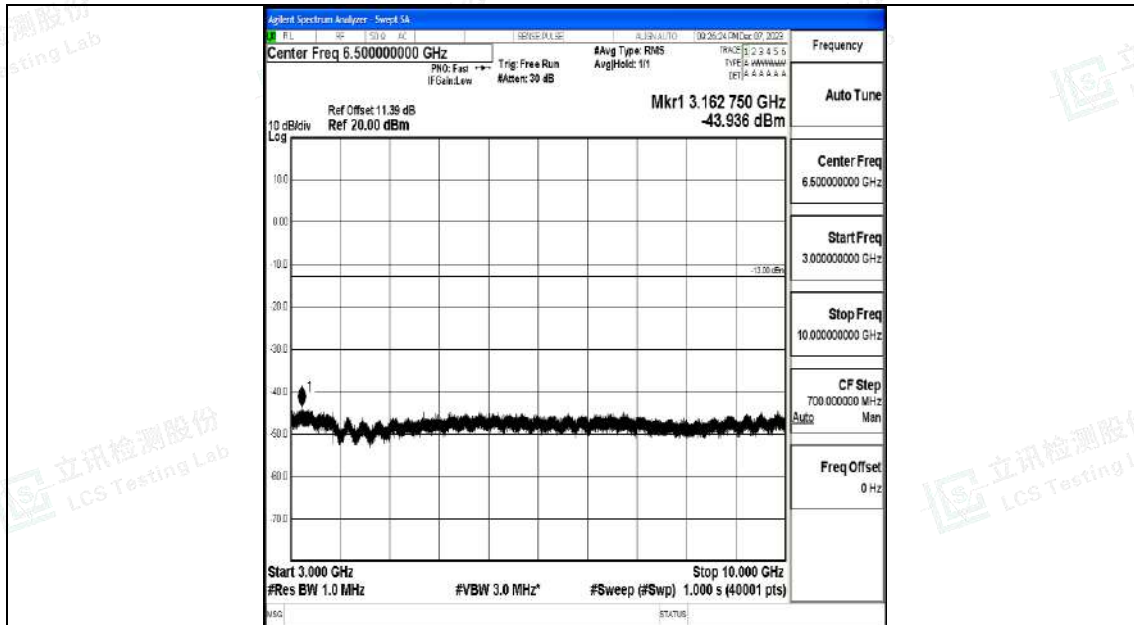


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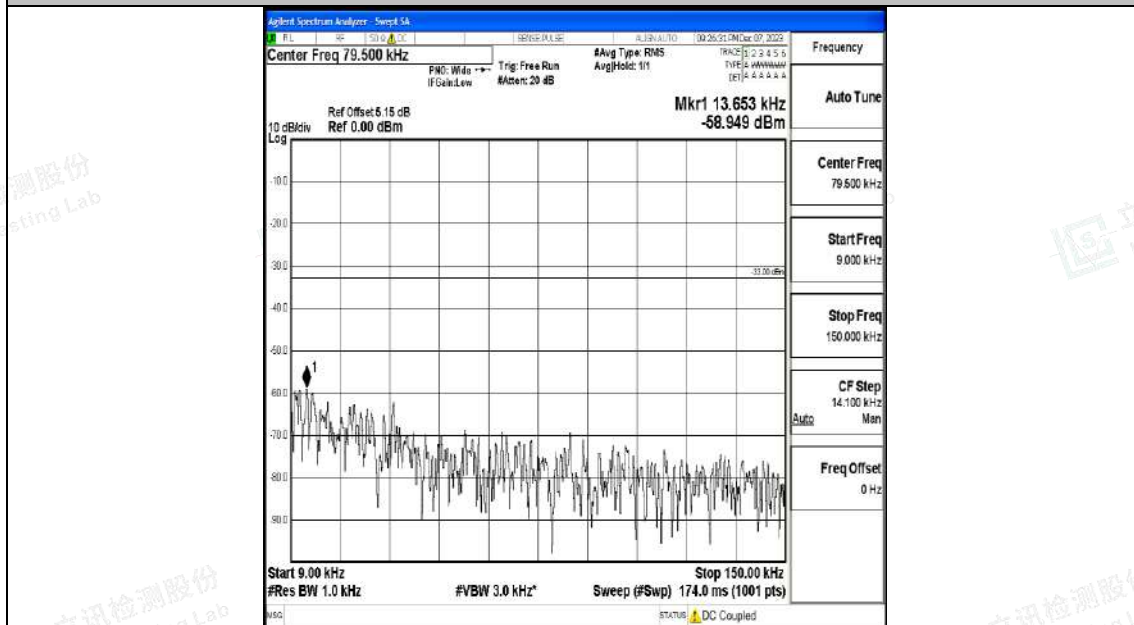
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Band12_10MHz_QPSK_23130_1RB#0_3000~10000_3000~10000



Band12_10MHz_16QAM_23130_1RB#0_0.009~0.15_0.009~0.15

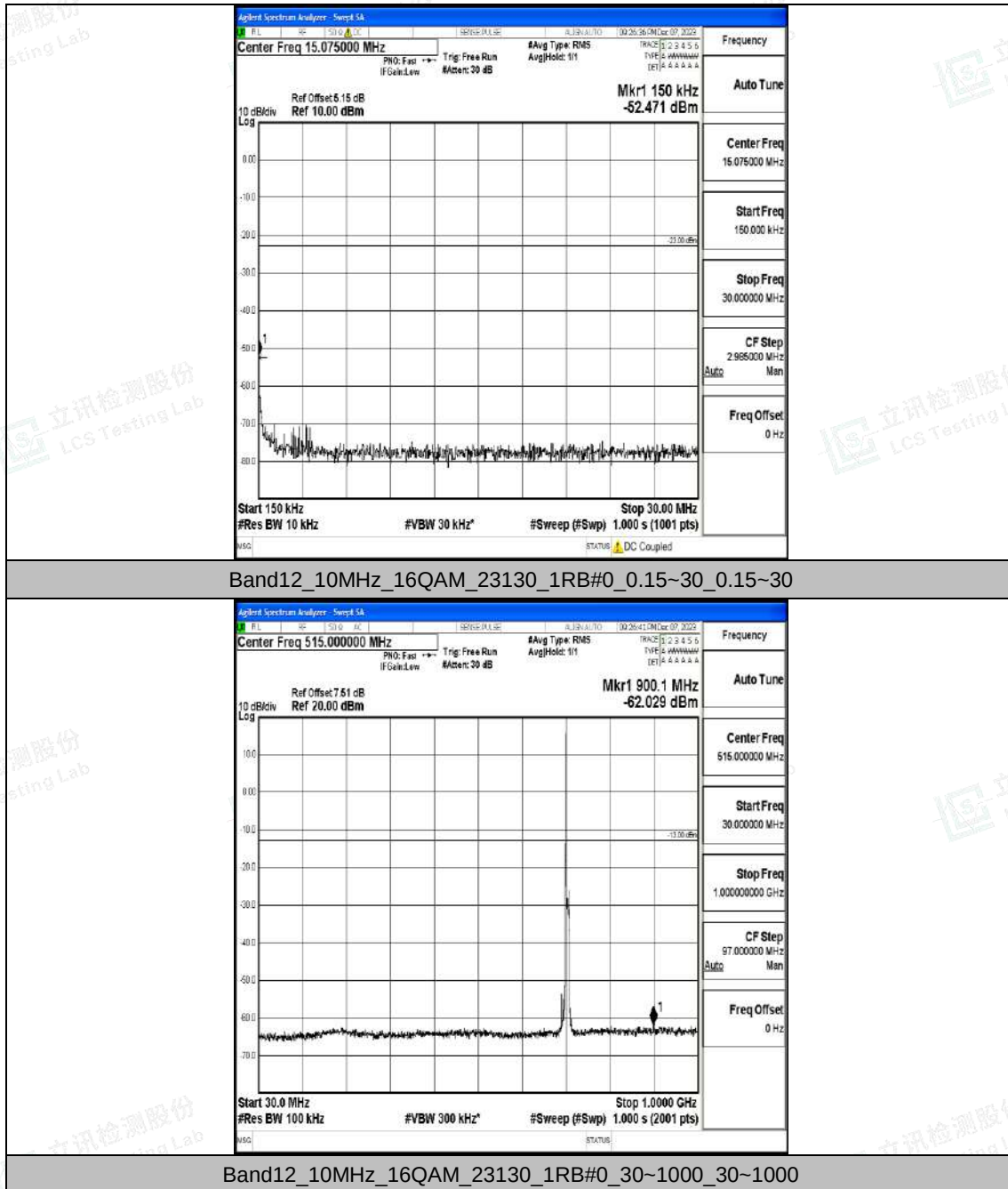


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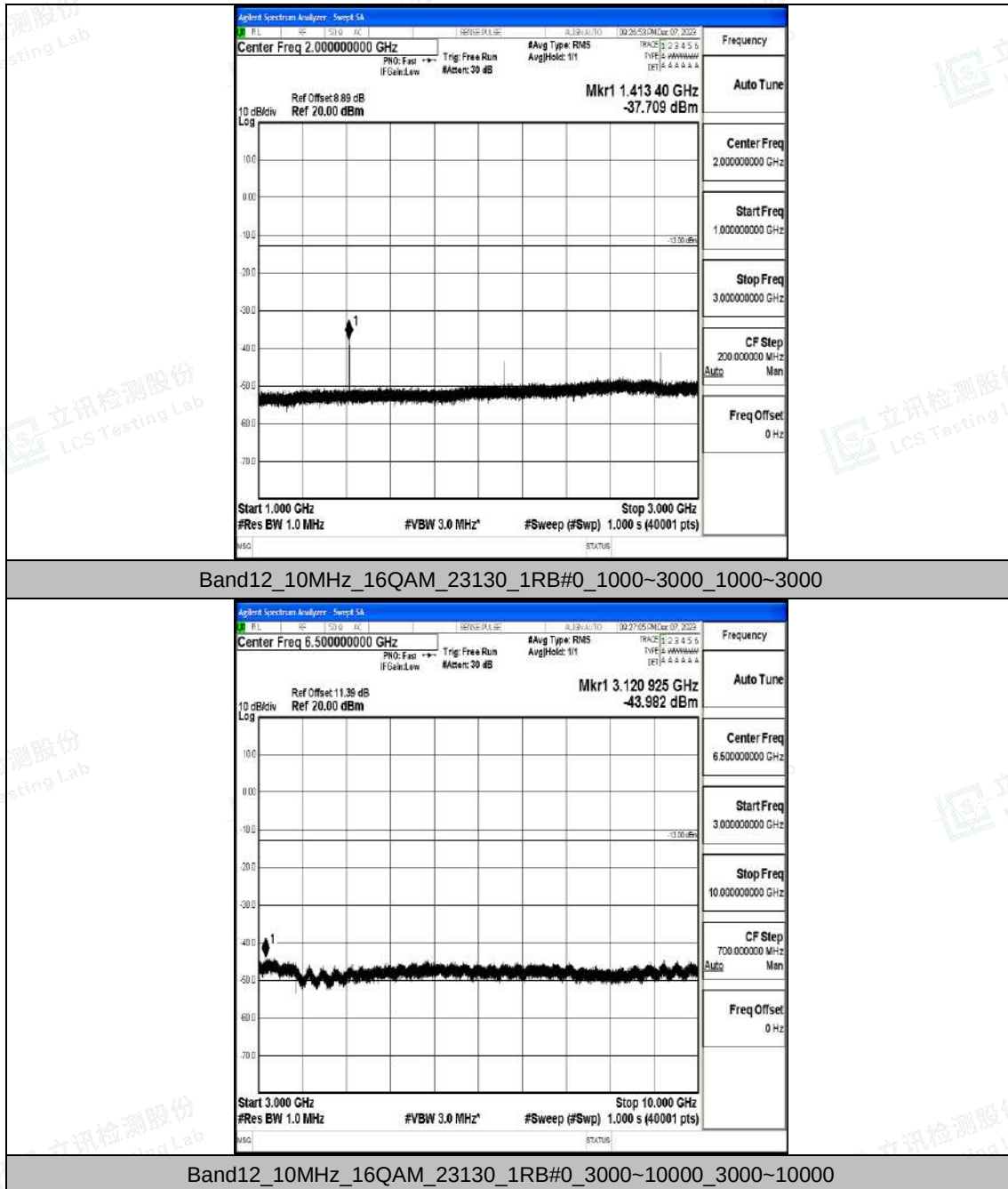


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