



Appendix H: Test Data for E-UTRA Band 12

Product Name: GNSS Receiver

Test Model: Mars

Environmental Conditions

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



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H.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.86	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.93	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.87	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.10	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.89	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.96	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.89	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.78	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.89	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.78	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.94	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.80	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.97	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.94	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.70	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.87	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.74	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.95	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.64	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.83	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.76	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.67	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.67	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.75	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.67	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.78	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.67	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.26	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.21	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.35	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.33	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.21	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.12	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.36	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.17	PASS



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Band12	1.4MHz	QPSK	23173	3RB#1	23.30	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.22	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.40	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.35	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.32	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.84	PASS
Band12	3MHz	16QAM	23025	1RB#0	23.07	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.88	PASS
Band12	3MHz	16QAM	23025	1RB#8	23.05	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.88	PASS
Band12	3MHz	16QAM	23025	1RB#14	23.02	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.92	PASS
Band12	3MHz	16QAM	23025	8RB#0	22.00	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.96	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.98	PASS
Band12	3MHz	QPSK	23025	8RB#7	23.01	PASS
Band12	3MHz	16QAM	23025	8RB#7	22.02	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.96	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.98	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.84	PASS
Band12	3MHz	16QAM	23095	1RB#0	23.03	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.74	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.91	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.70	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.87	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.89	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.89	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.84	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.90	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.80	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.82	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.81	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.73	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.46	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.38	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.38	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.34	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.30	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.27	PASS



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Band12	3MHz	QPSK	23165	8RB#0	22.45	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.50	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.48	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.47	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.42	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.40	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.39	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.34	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.84	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.86	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.94	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.94	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.84	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.85	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.90	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.96	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.99	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.94	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.91	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.86	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.93	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.94	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.83	PASS
Band12	5MHz	16QAM	23095	1RB#0	23.02	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.83	PASS
Band12	5MHz	16QAM	23095	1RB#12	23.01	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.60	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.75	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.86	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.88	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.85	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.87	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.73	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.75	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.83	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.79	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.53	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.54	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.53	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.53	PASS



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Band12	5MHz	QPSK	23155	1RB#24	23.29	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.34	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.57	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.58	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.62	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.64	PASS
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Band12	5MHz	16QAM	23155	12RB#13	21.39	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.48	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.54	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.88	PASS
Band12	10MHz	16QAM	23060	1RB#0	23.04	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.94	PASS
Band12	10MHz	16QAM	23060	1RB#24	23.15	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.69	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.85	PASS
Band12	10MHz	QPSK	23060	25RB#0	23.00	PASS
Band12	10MHz	16QAM	23060	25RB#0	22.00	PASS
Band12	10MHz	QPSK	23060	25RB#12	23.00	PASS
Band12	10MHz	16QAM	23060	25RB#12	22.01	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.92	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.88	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.98	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.90	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.86	PASS
Band12	10MHz	16QAM	23095	1RB#0	23.05	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.92	PASS
Band12	10MHz	16QAM	23095	1RB#24	23.06	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.55	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.63	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.88	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.89	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.87	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.94	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.71	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.79	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.84	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.82	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.80	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.79	PASS



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Band12	10MHz	QPSK	23130	1RB#24	23.71	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.66	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.32	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.29	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.75	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.74	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.67	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.78	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.50	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.51	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.60	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.60	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	5.01	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.74	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	4.96	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.80	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.67	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.44	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	4.93	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	5.91	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.08	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.84	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.65	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.52	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.95	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	5.75	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.05	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	5.81	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.72	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.48	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.11	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.91	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	4.93	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.79	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	4.94	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.80	13	PASS



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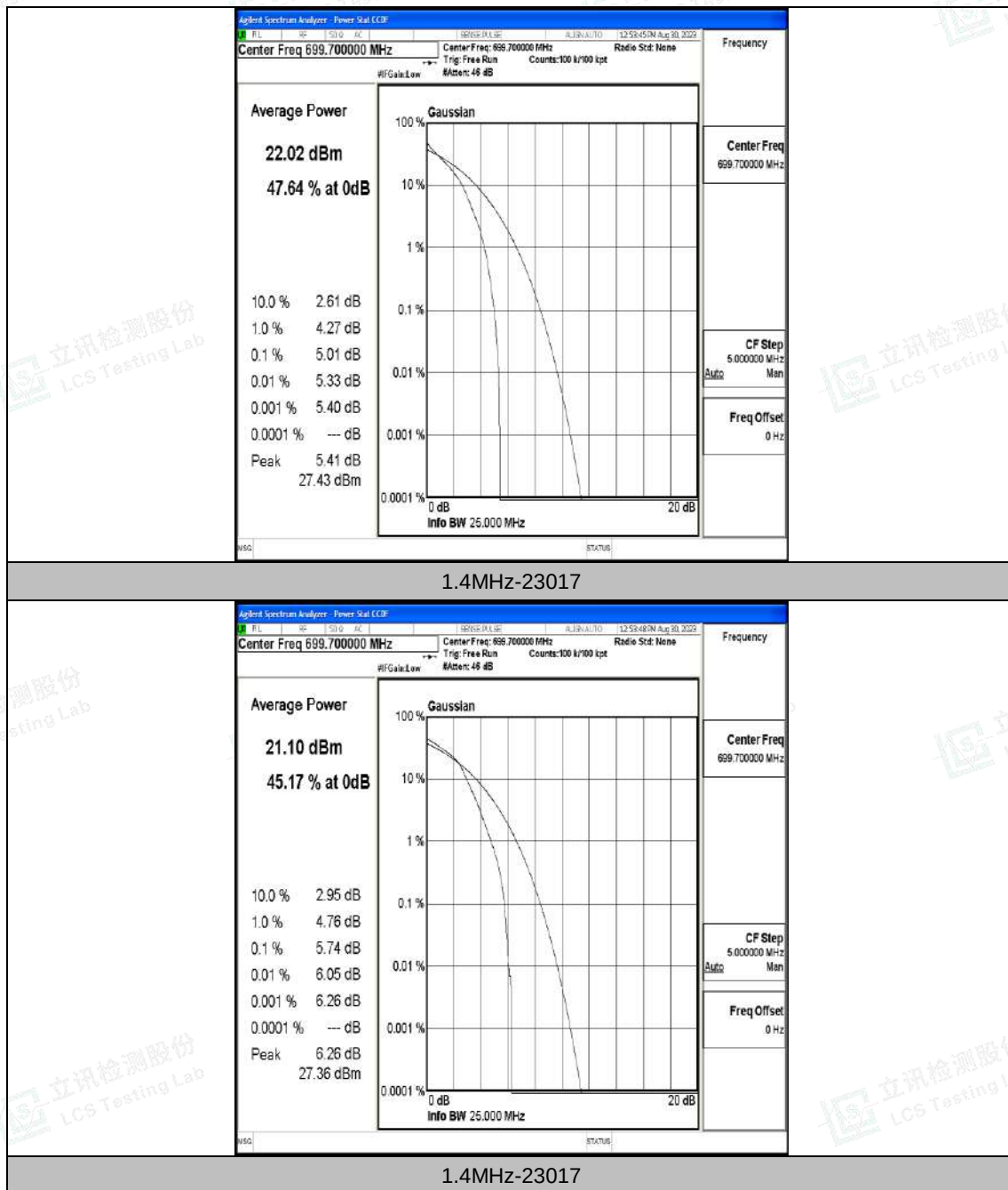
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Test Graphs

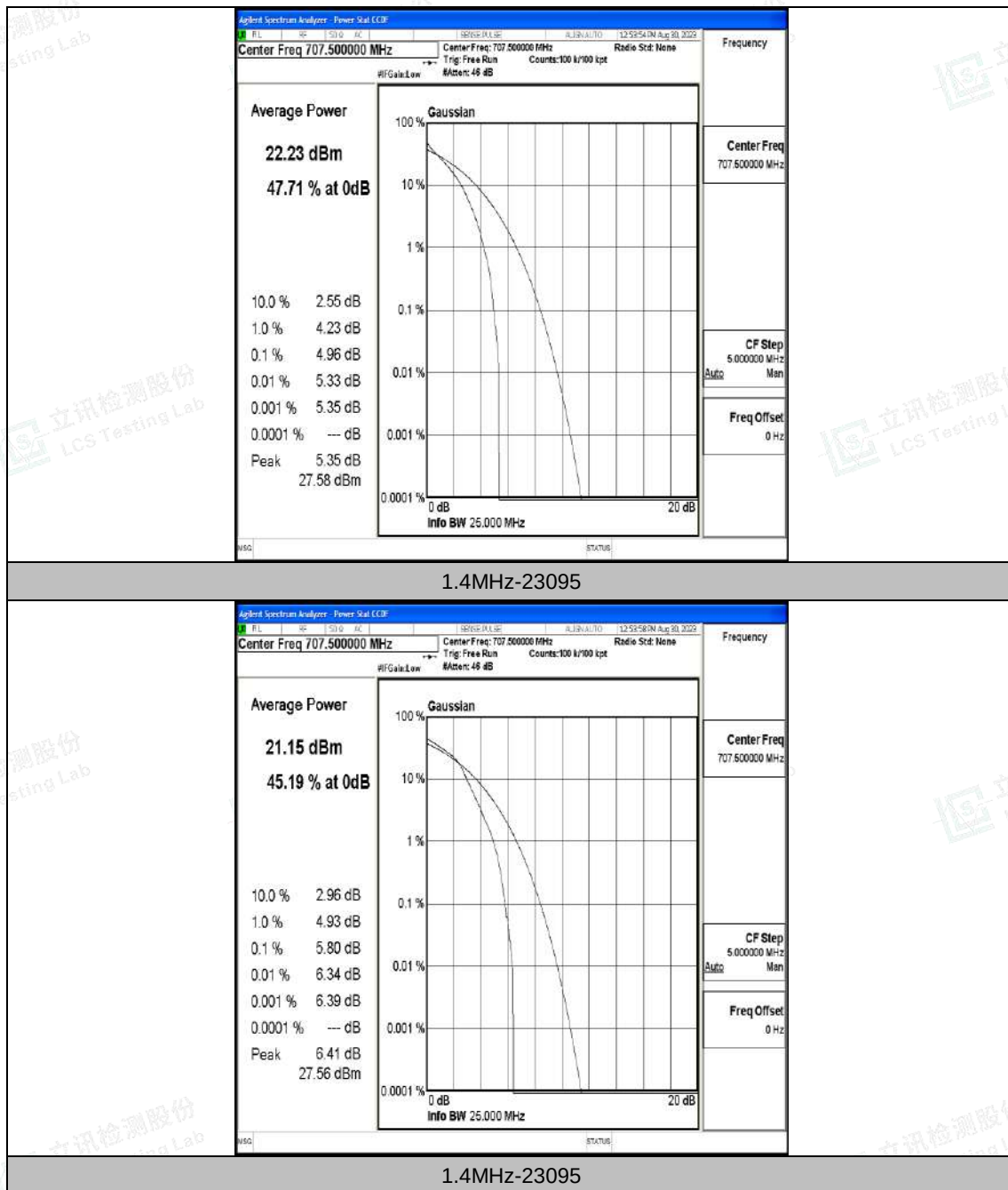


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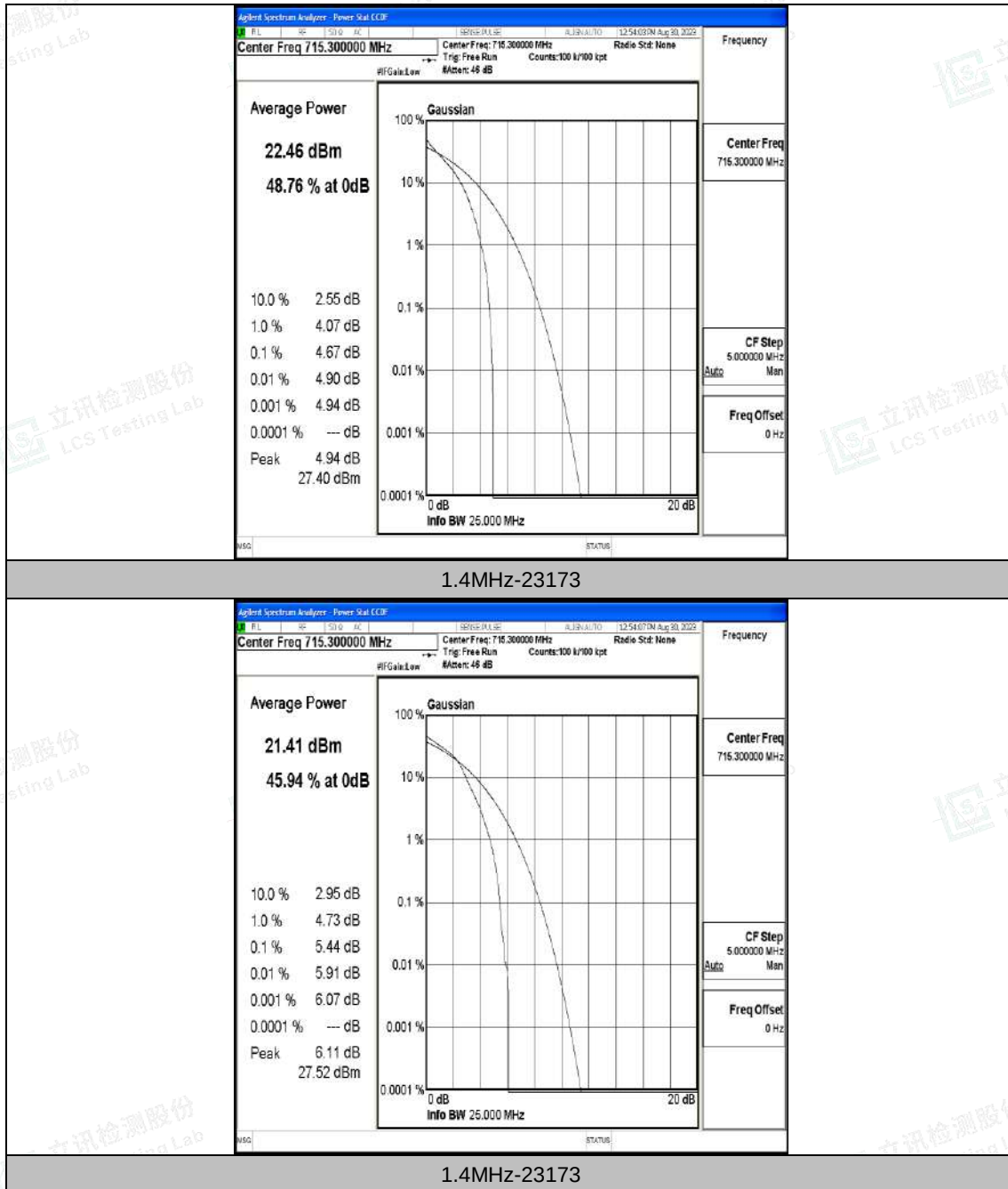


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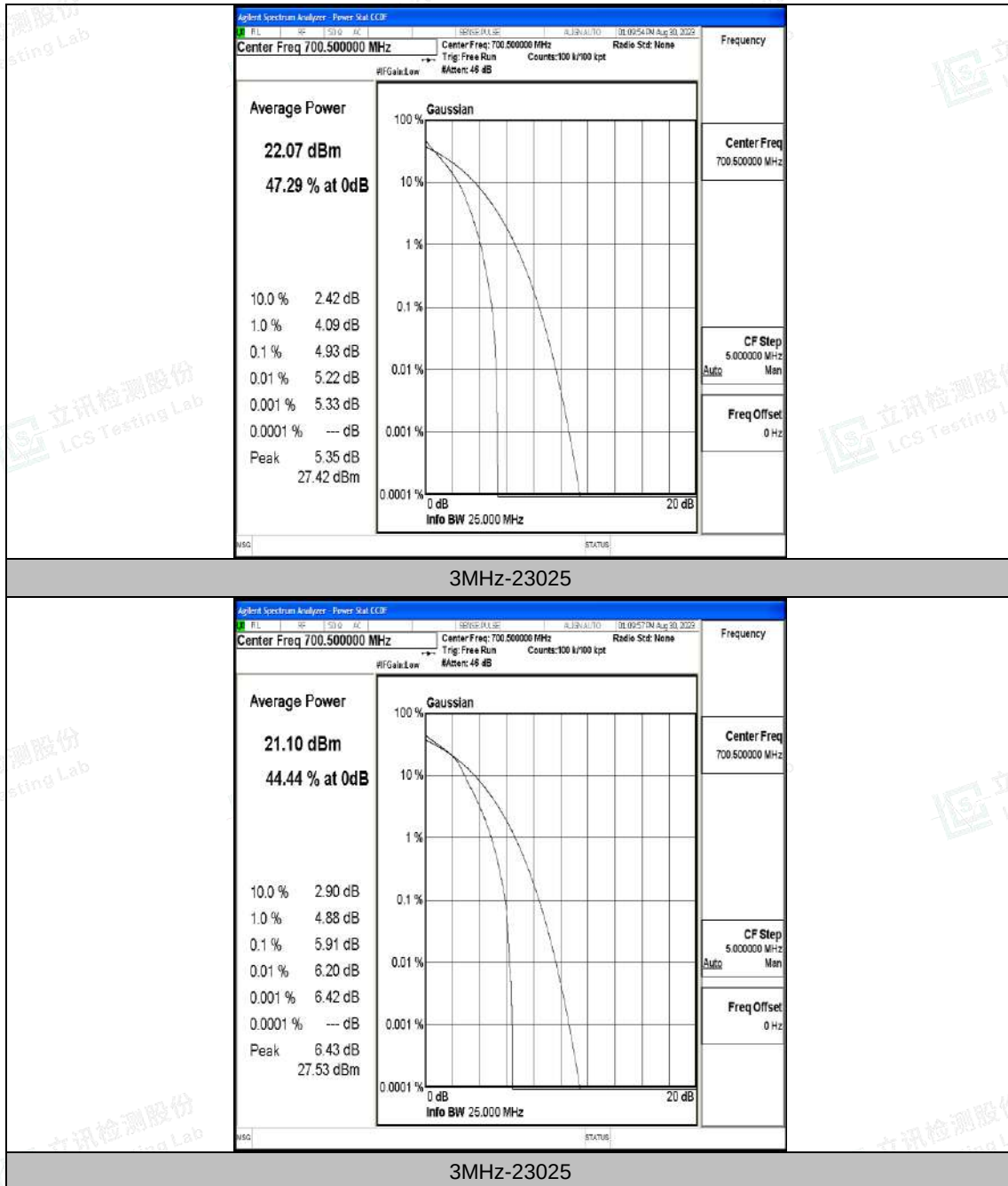


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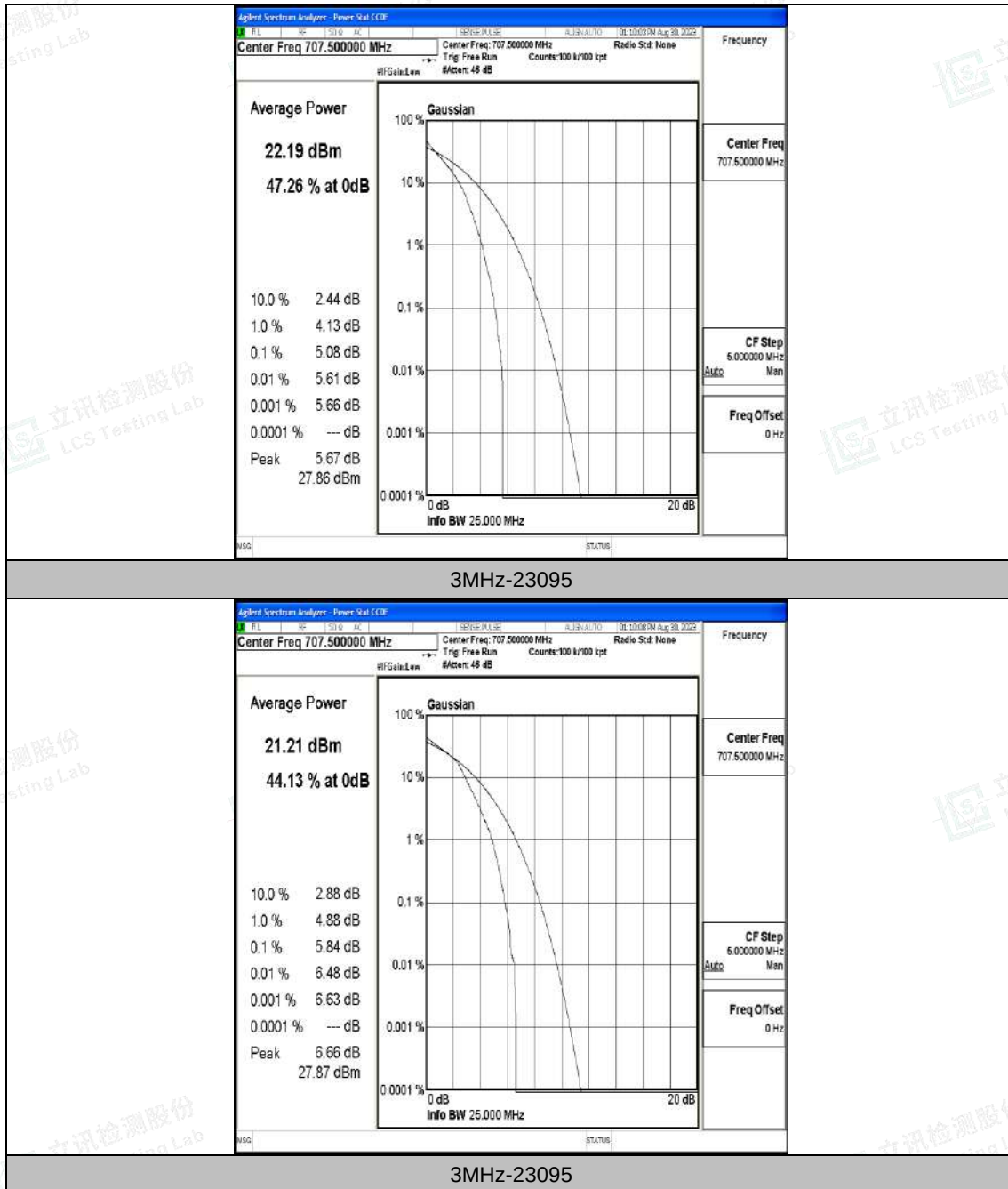


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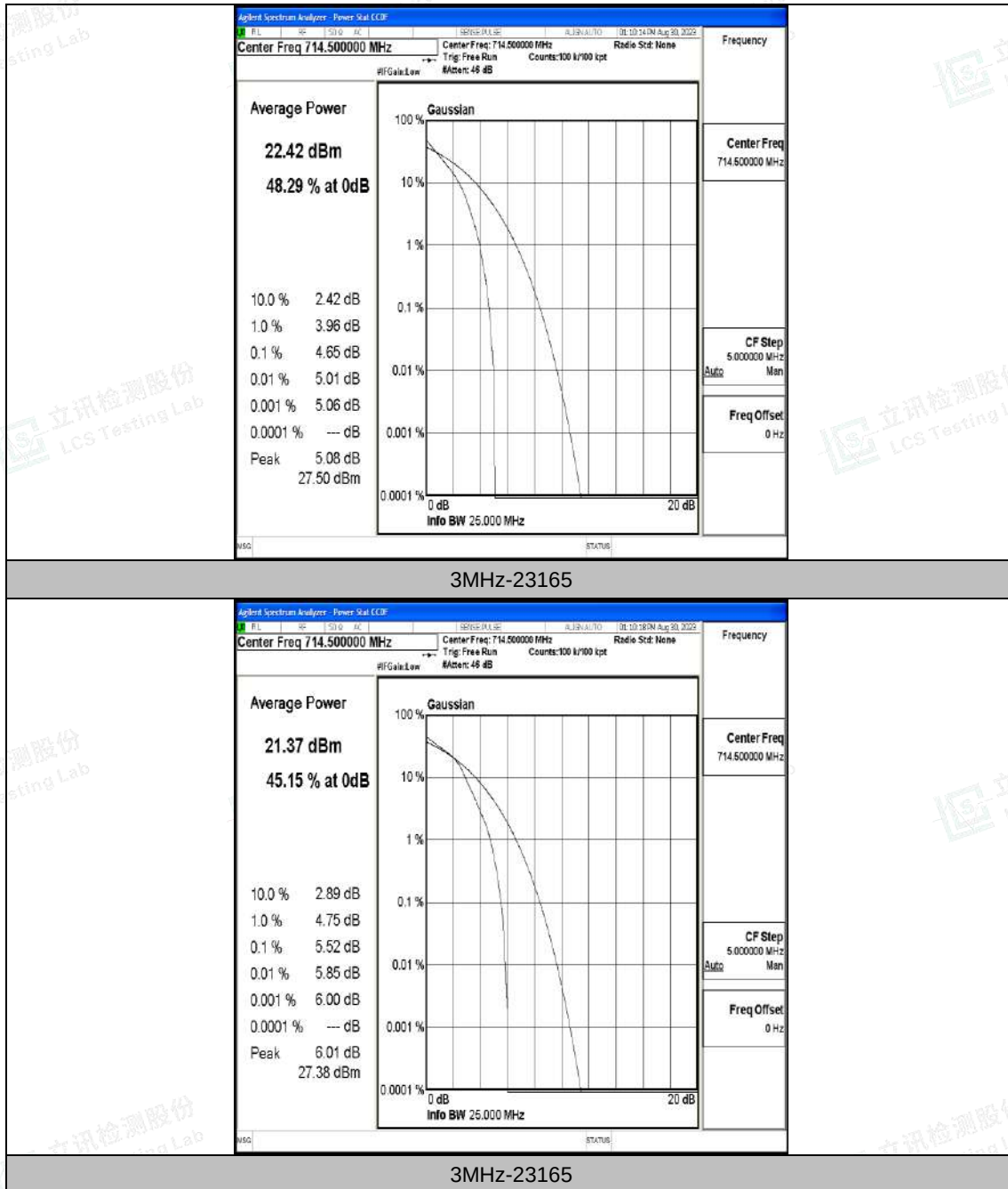


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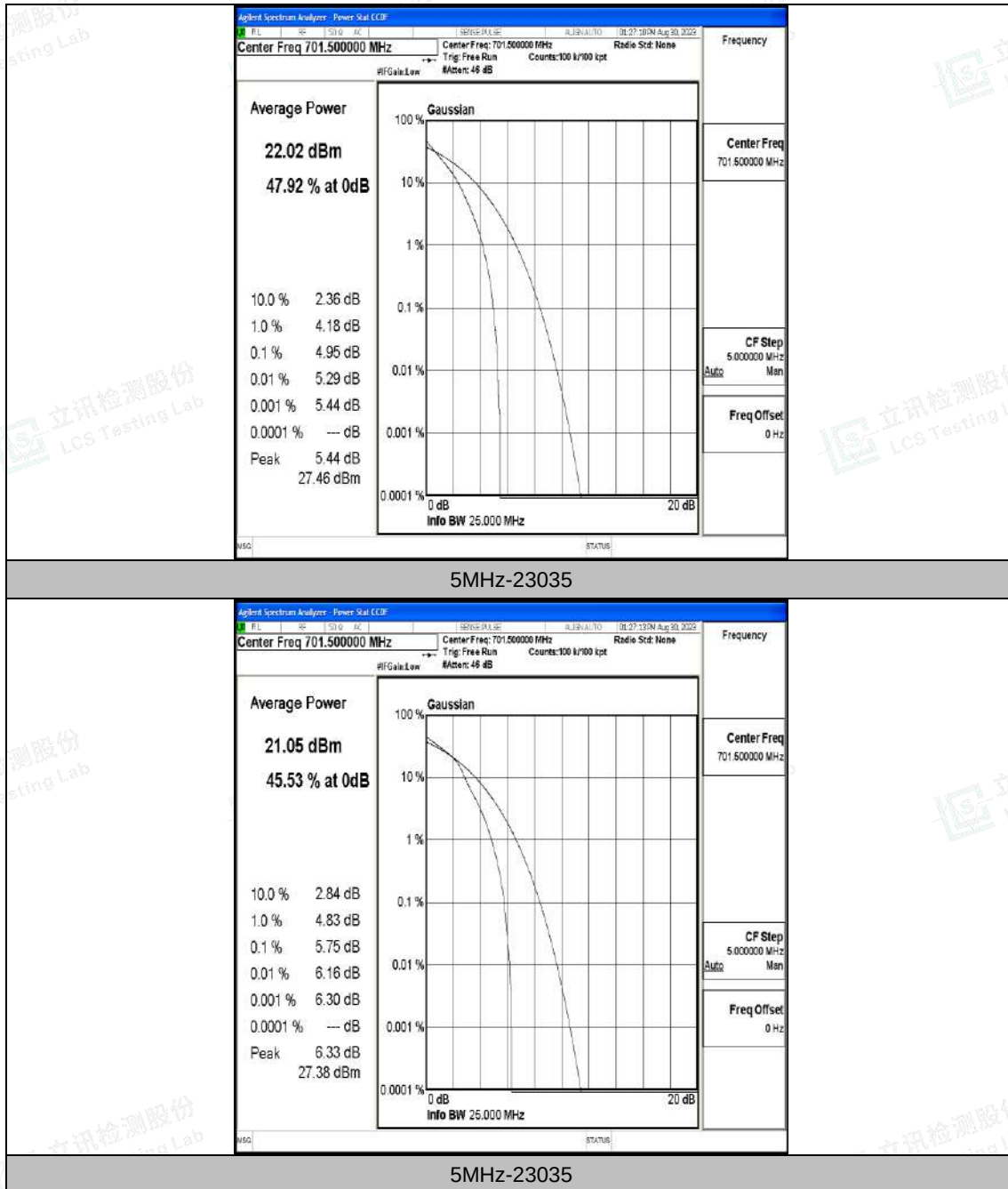


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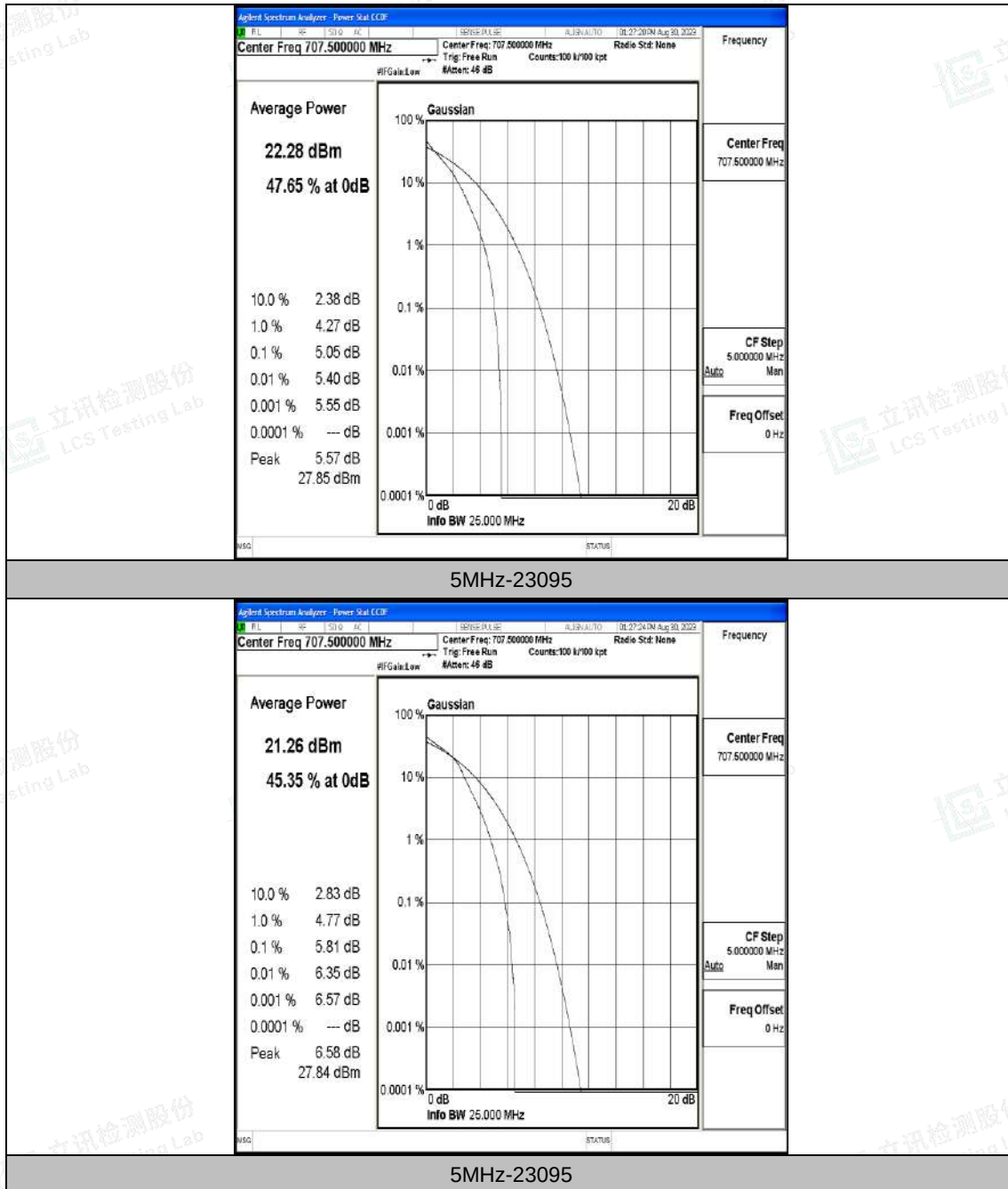


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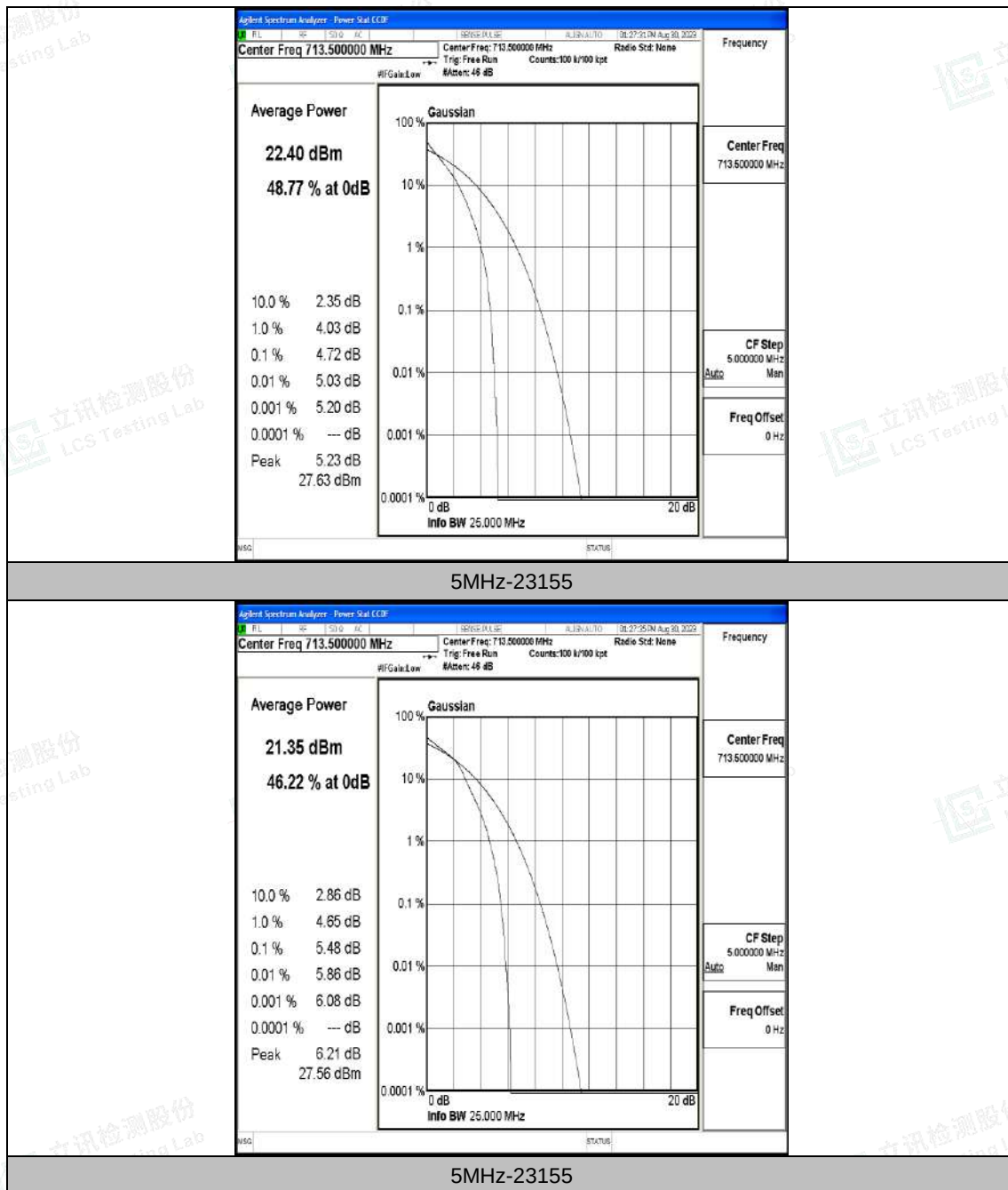


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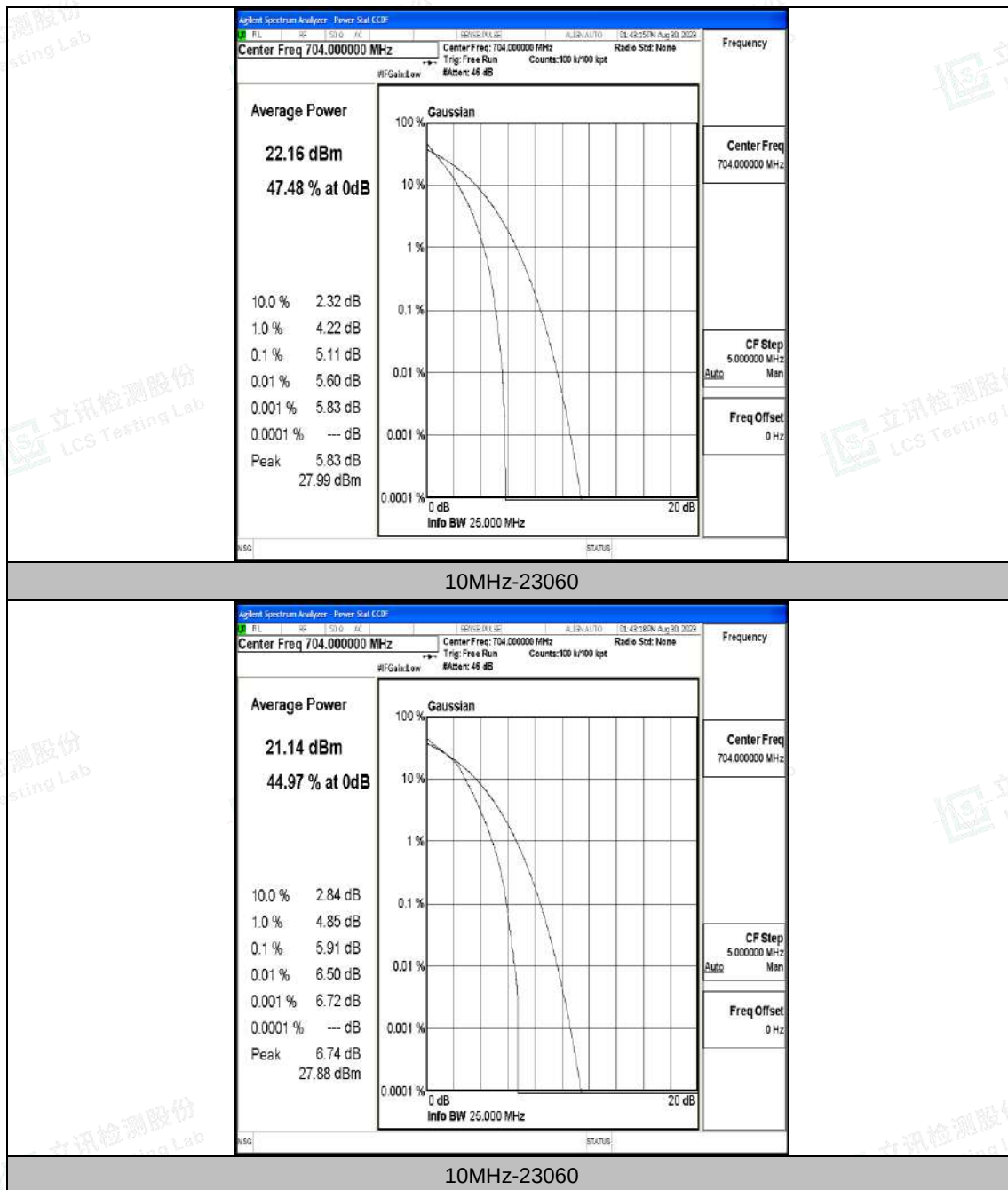


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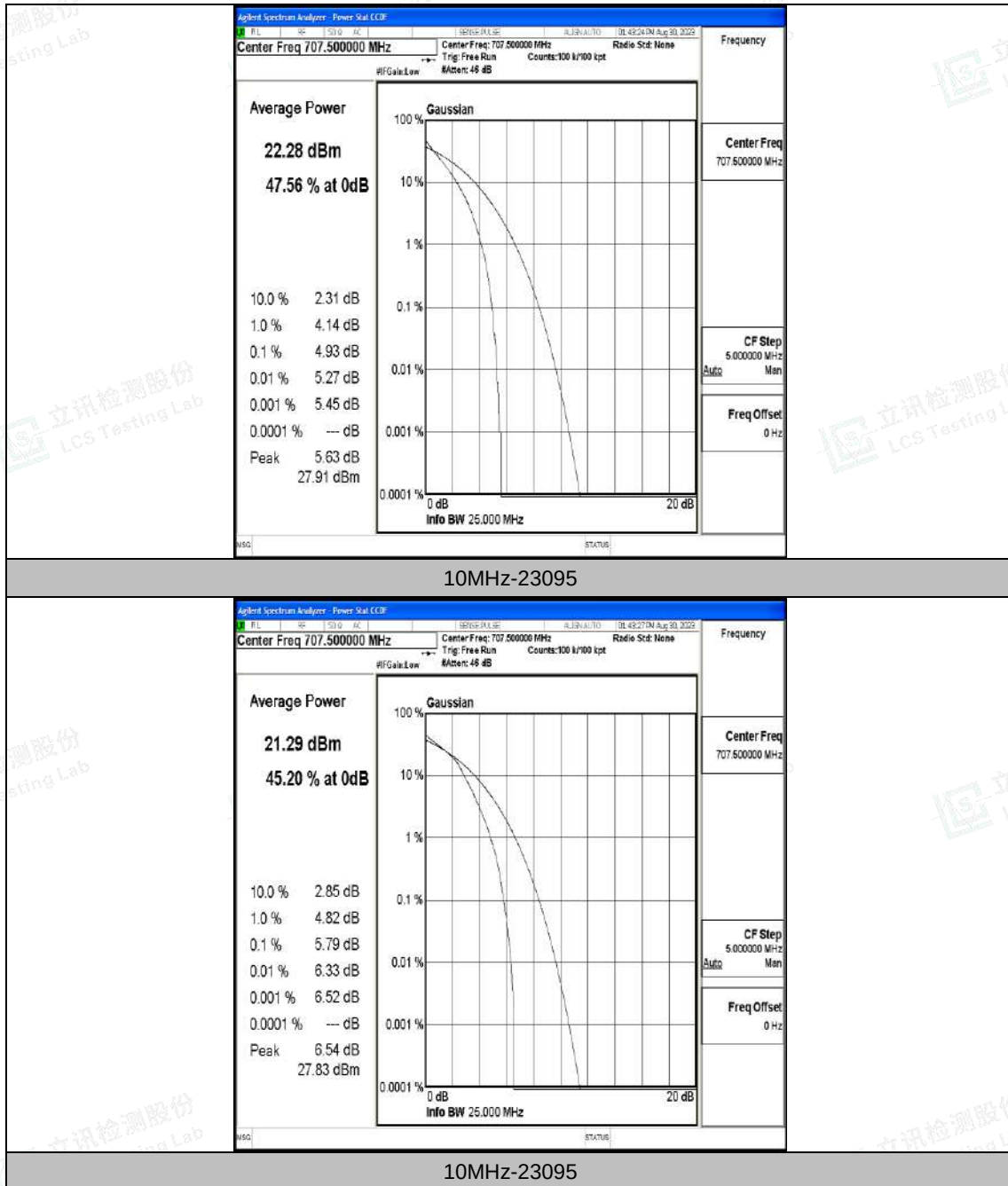


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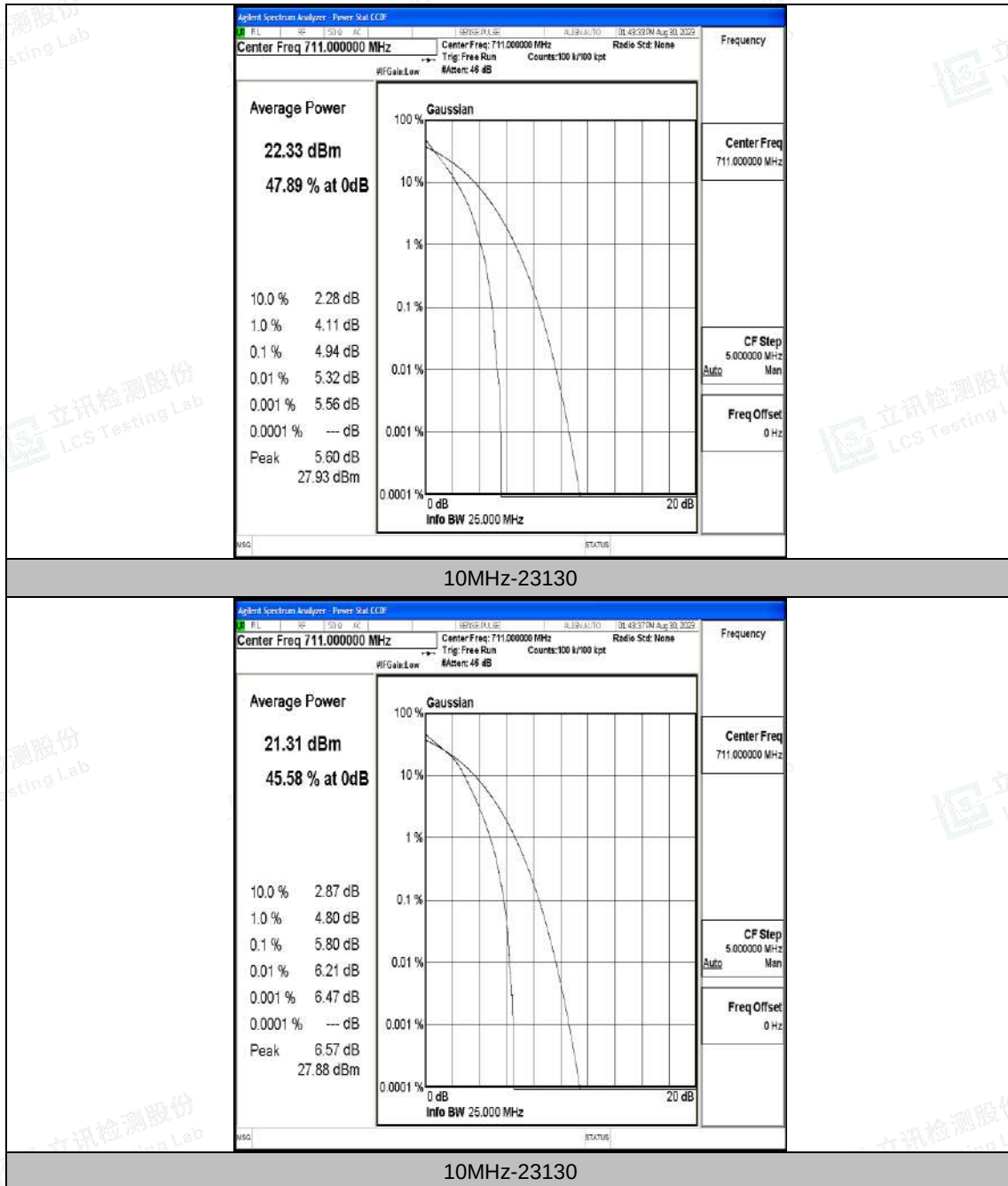


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H.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0837	1.287	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0945	1.307	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0908	1.284	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0981	1.292	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0874	1.284	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0959	1.273	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6927	2.888	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6786	2.907	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6815	2.905	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6843	2.882	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6880	2.889	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6849	2.883	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5248	5.201	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5198	5.126	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5349	5.149	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5162	5.134	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5352	5.189	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5097	5.119	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.0077	10.10	PASS
Band12	10MHz	16QAM	23060	50RB#0	9.0033	10.06	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.0183	10.29	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9984	9.985	PASS
Band12	10MHz	QPSK	23130	50RB#0	9.0044	10.14	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9972	10.03	PASS



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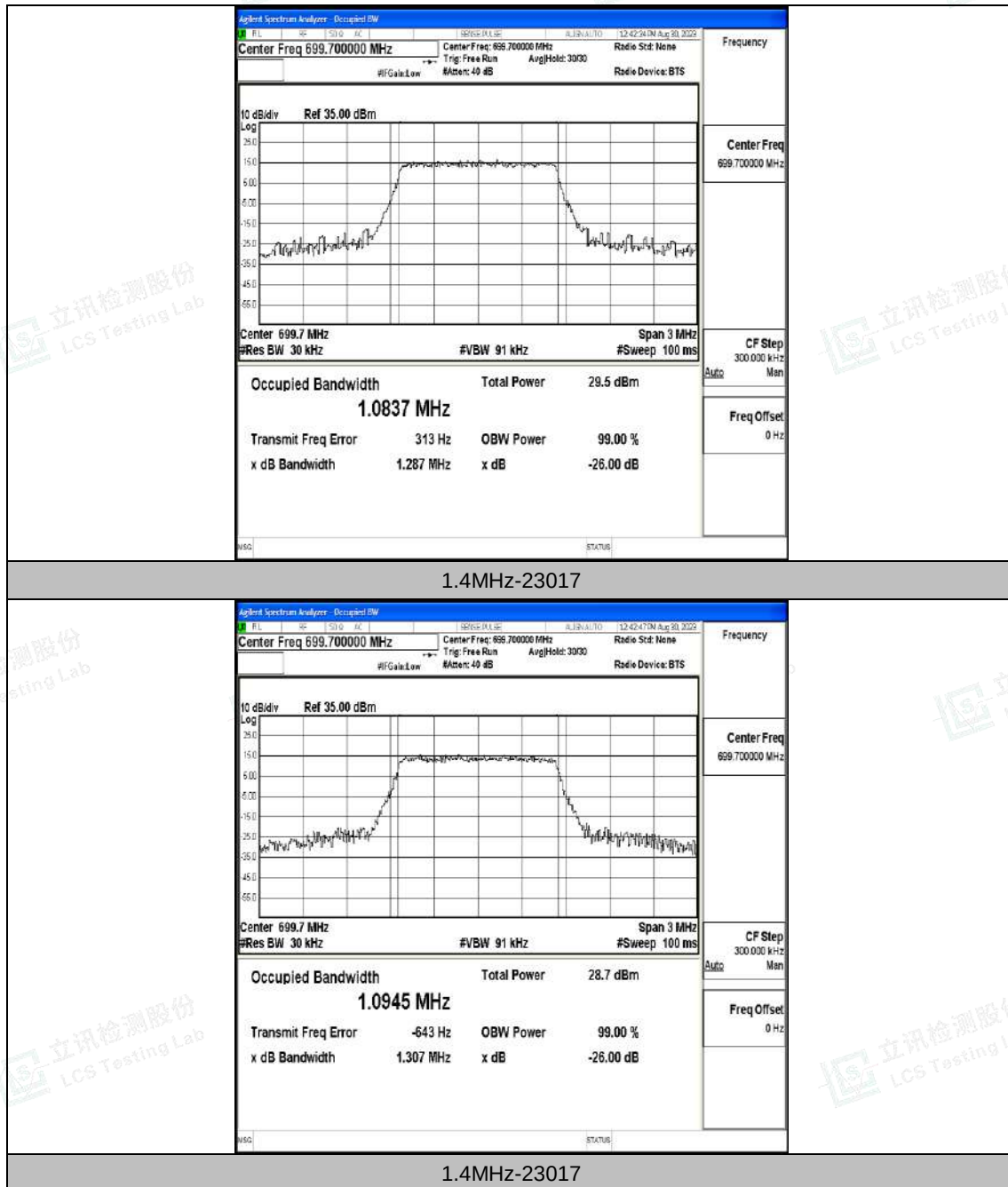
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Test Graphs

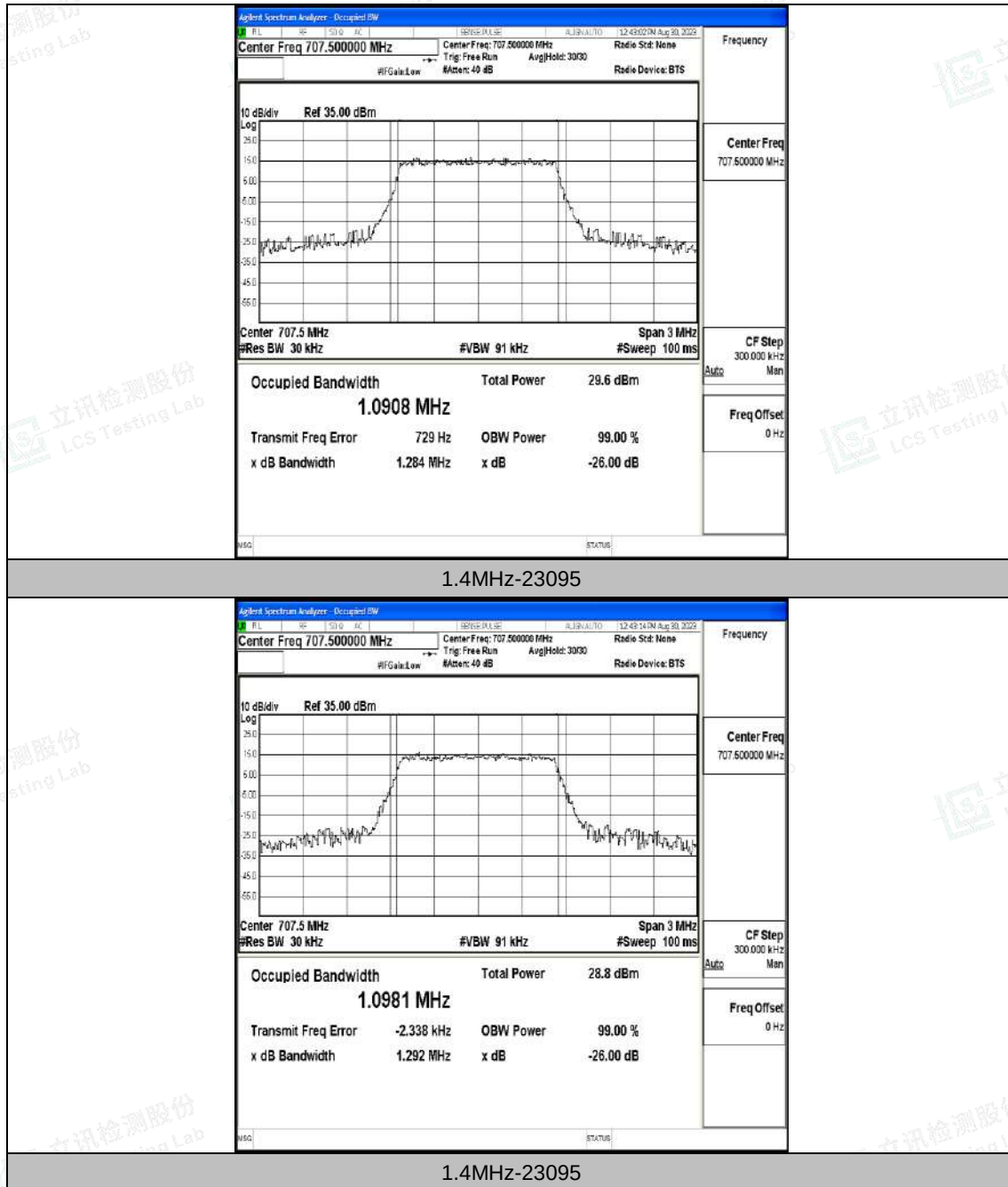


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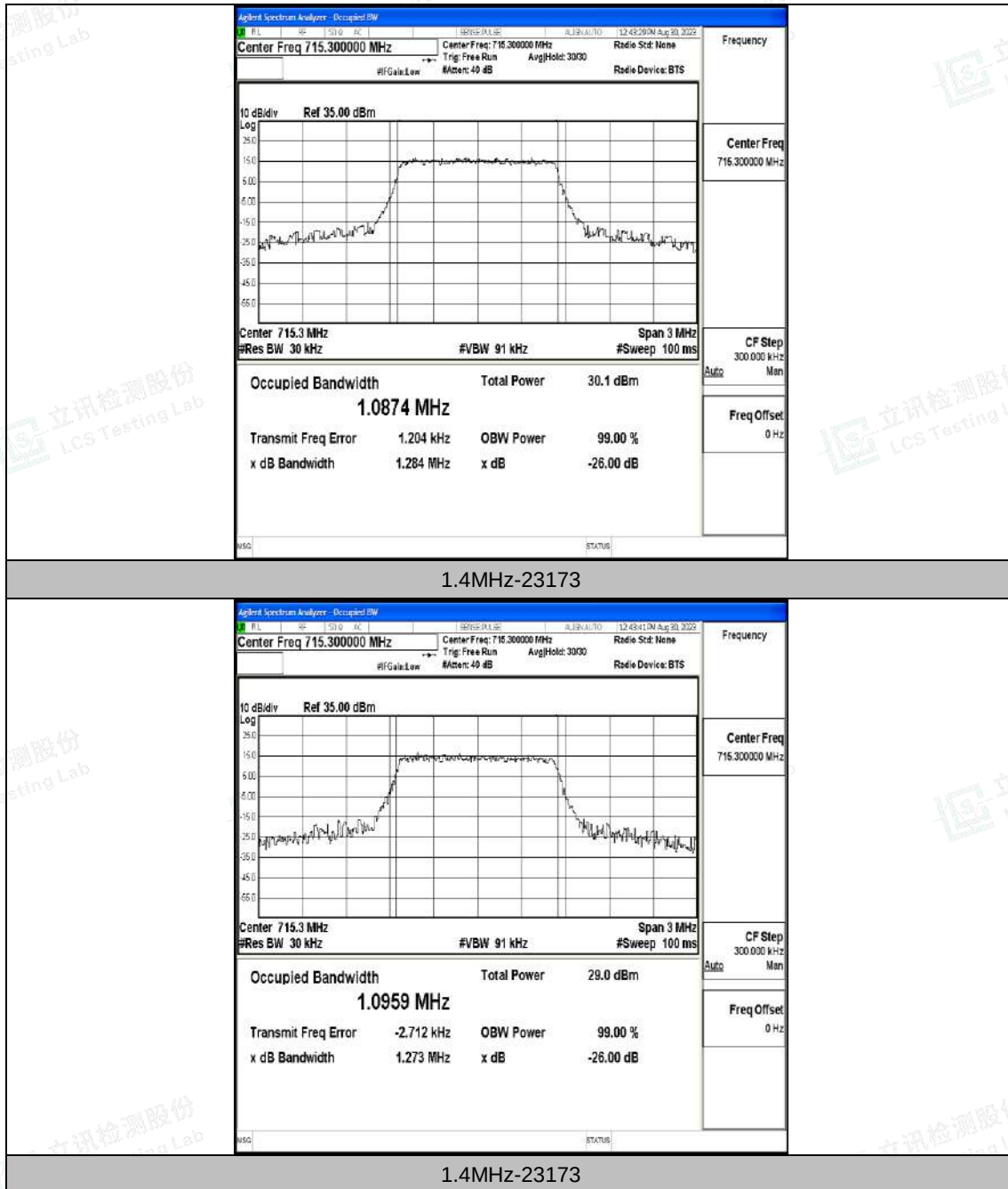


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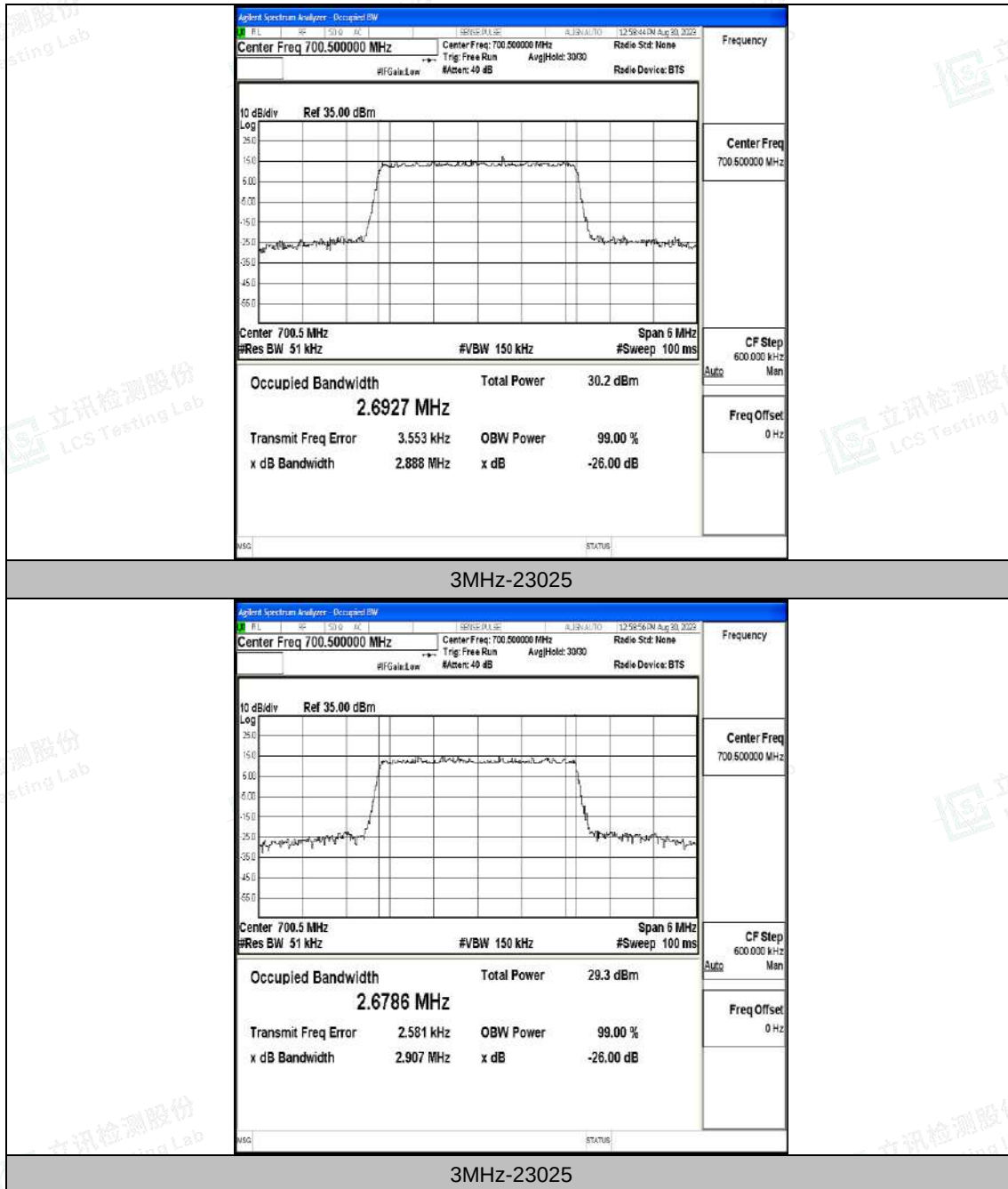


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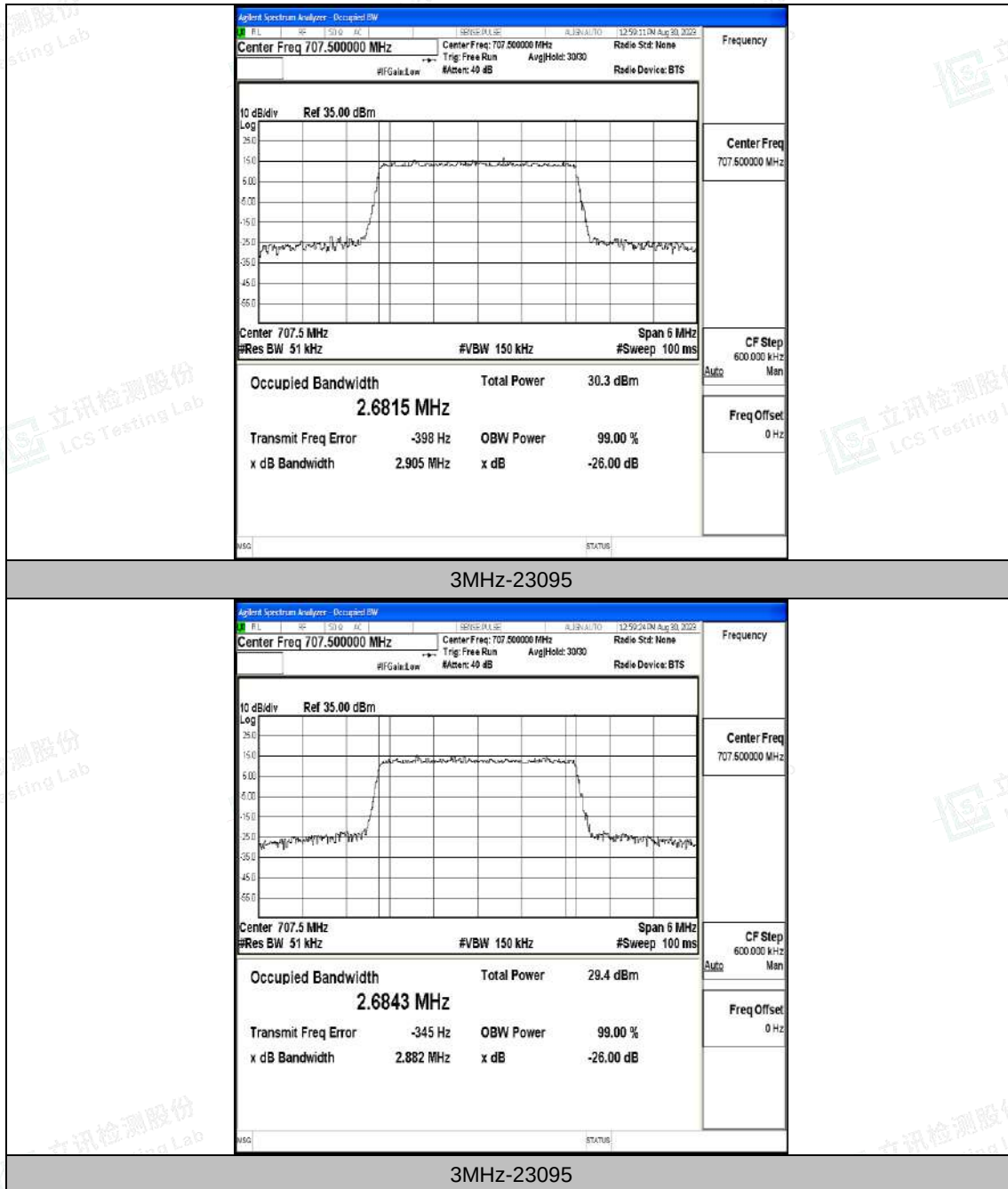


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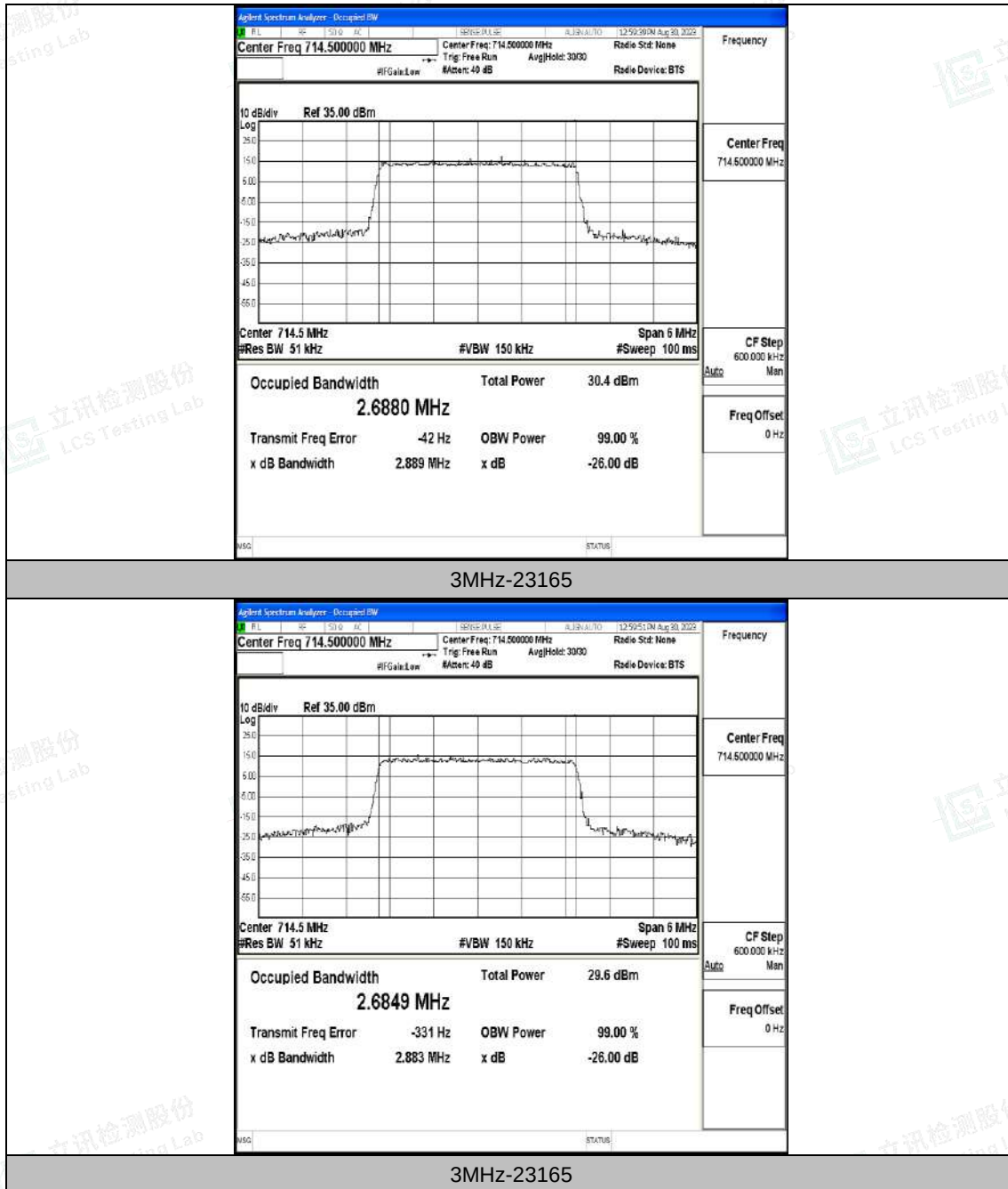


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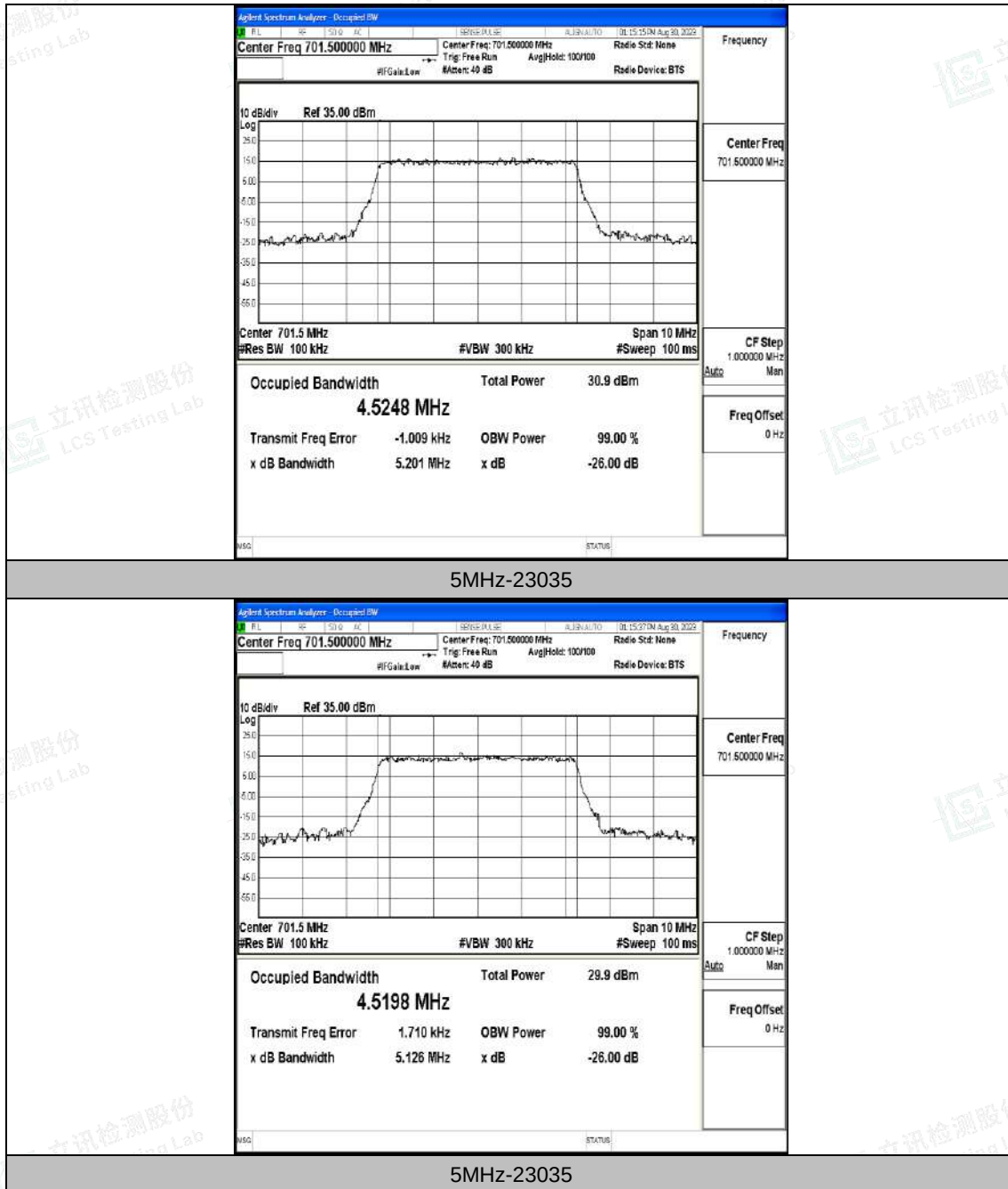


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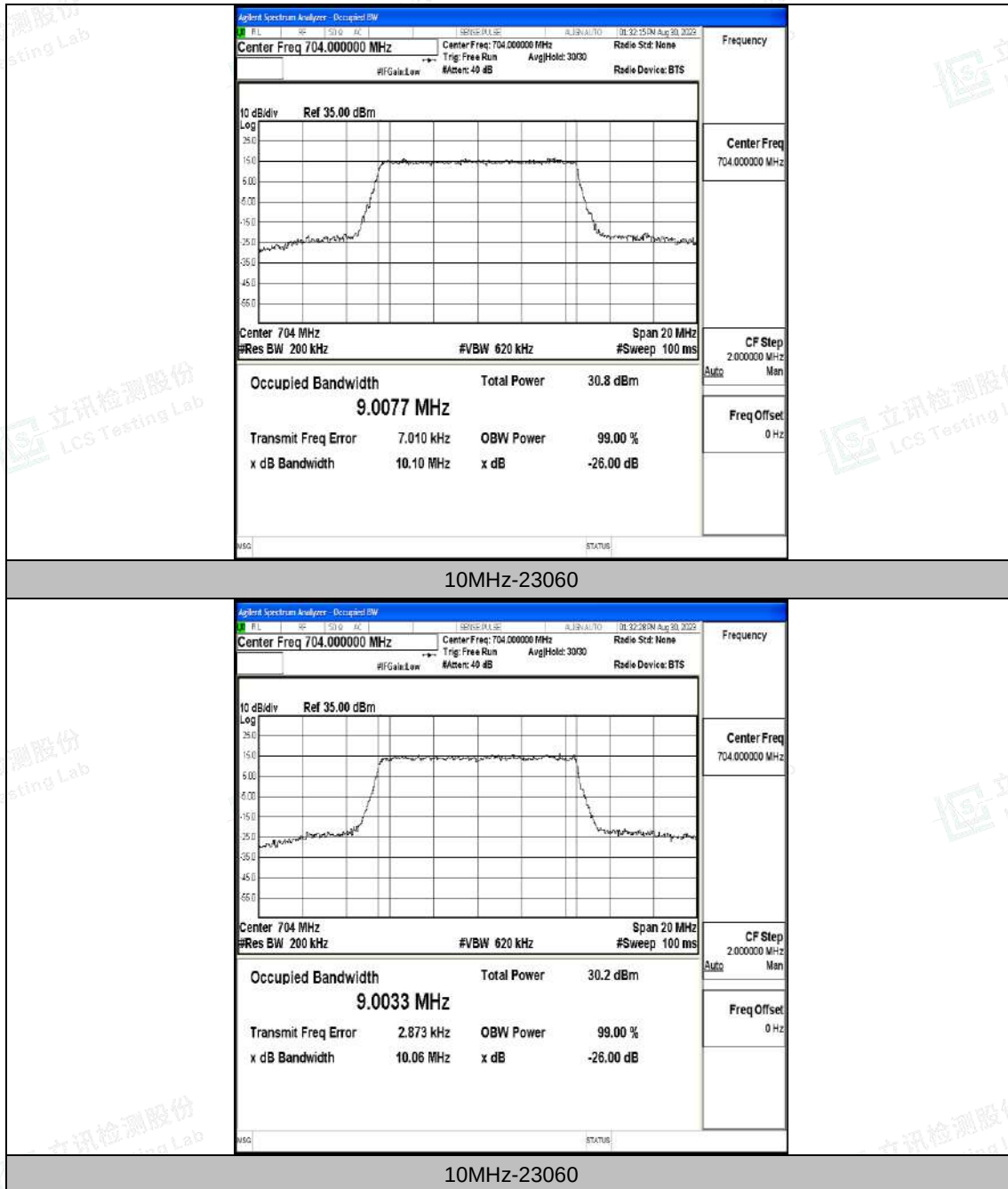


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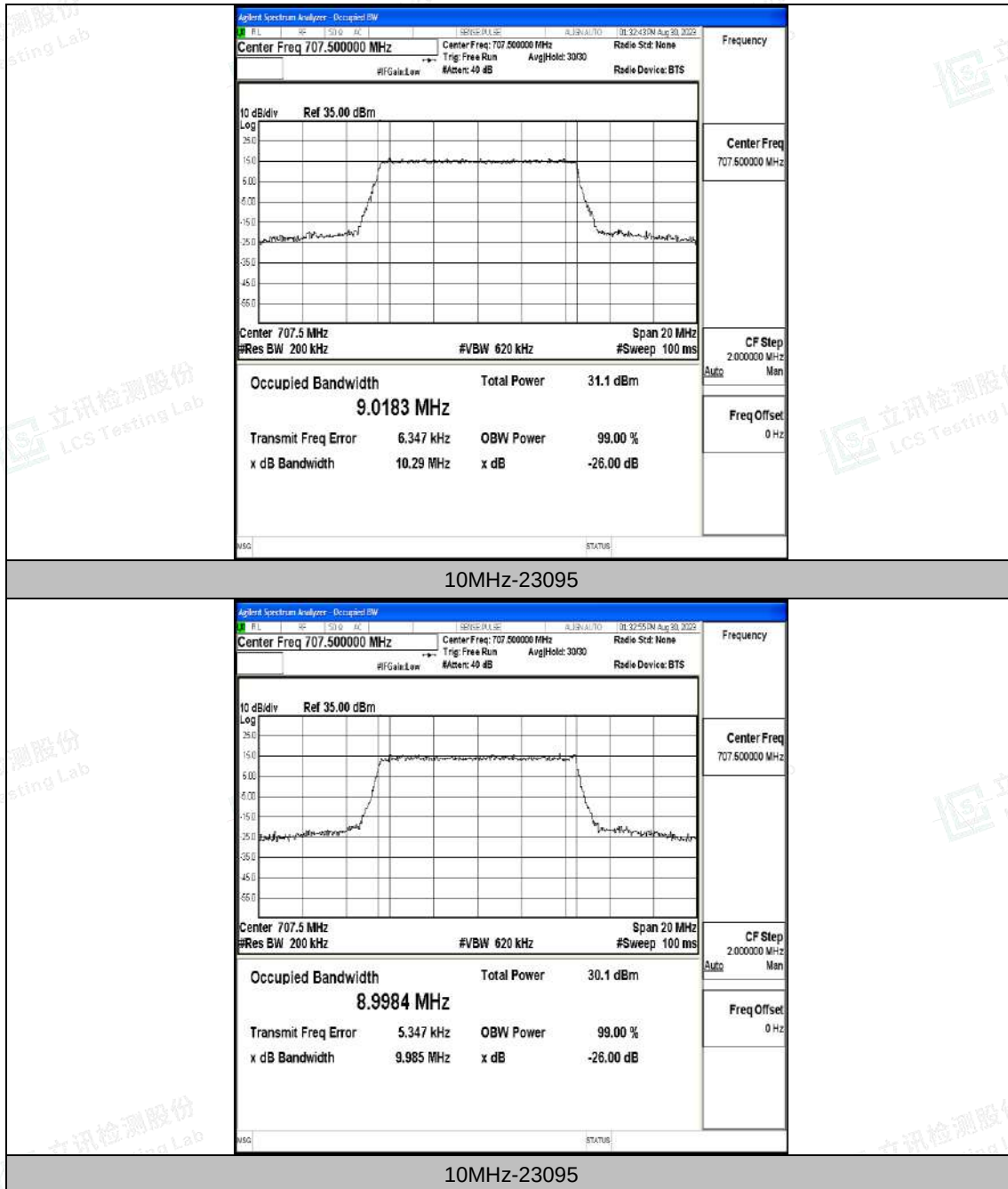


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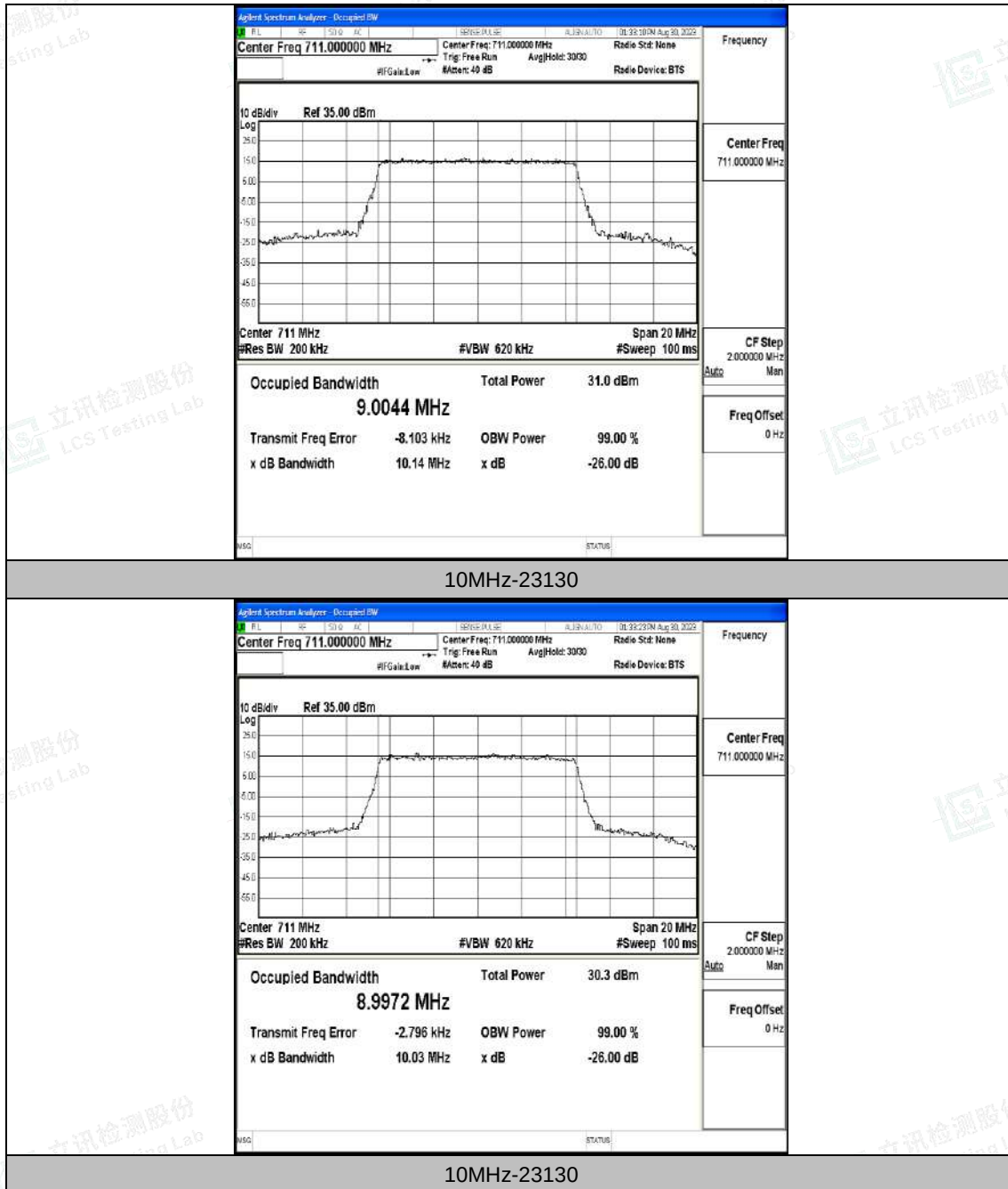


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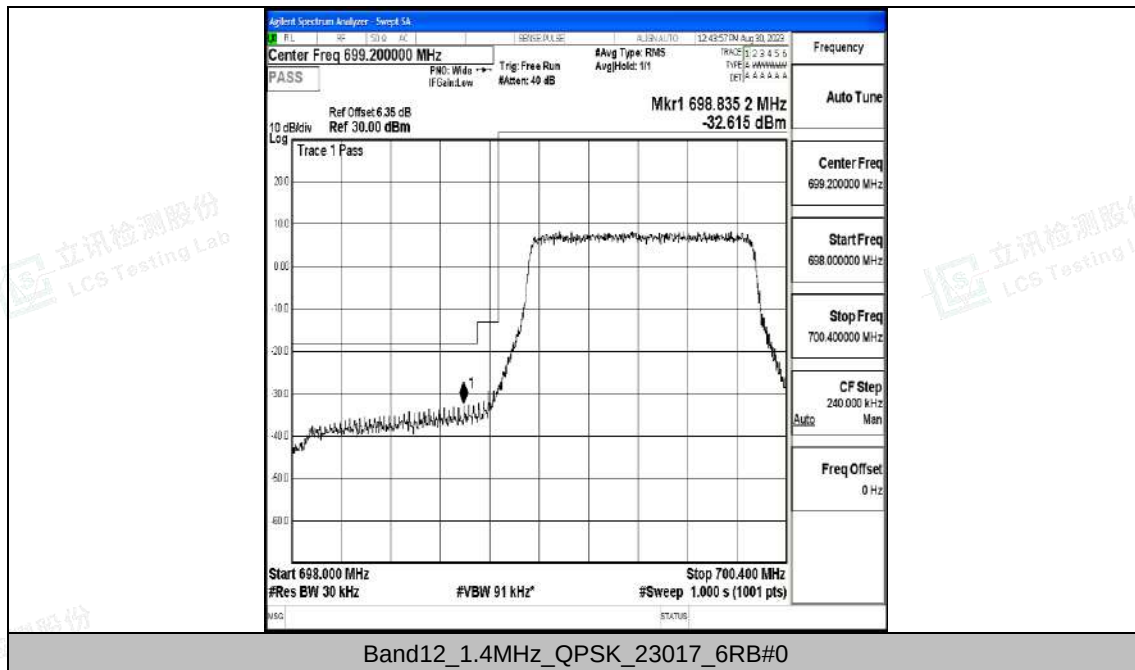


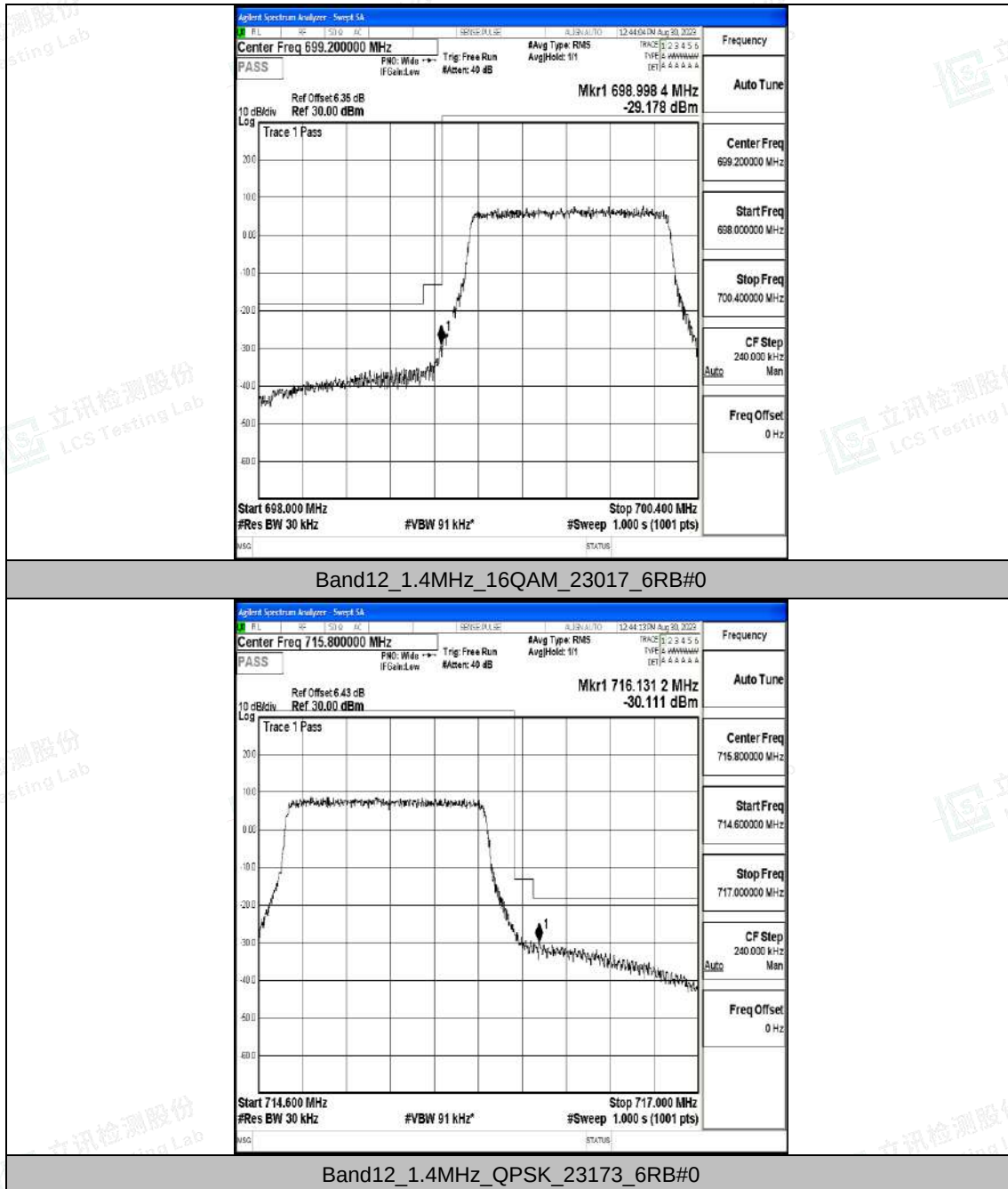
H.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	698.84	-32.62	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	699.00	-29.18	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	716.13	-30.11	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	716.19	-30.78	PASS
Band12	3MHz	QPSK	23025	15RB#0	698.86	-36.95	PASS
Band12	3MHz	16QAM	23025	15RB#0	698.78	-38.16	PASS
Band12	3MHz	QPSK	23165	15RB#0	716.12	-32.32	PASS
Band12	3MHz	16QAM	23165	15RB#0	716.11	-34.34	PASS
Band12	5MHz	QPSK	23035	25RB#0	698.86	-32.05	PASS
Band12	5MHz	16QAM	23035	25RB#0	698.89	-33.62	PASS
Band12	5MHz	QPSK	23155	25RB#0	716.11	-30.88	PASS
Band12	5MHz	16QAM	23155	25RB#0	716.11	-32.70	PASS
Band12	10MHz	QPSK	23060	50RB#0	698.85	-37.15	PASS
Band12	10MHz	16QAM	23060	50RB#0	698.88	-39.26	PASS
Band12	10MHz	QPSK	23130	50RB#0	716.19	-37.71	PASS
Band12	10MHz	16QAM	23130	50RB#0	716.11	-39.03	PASS

Test Graphs



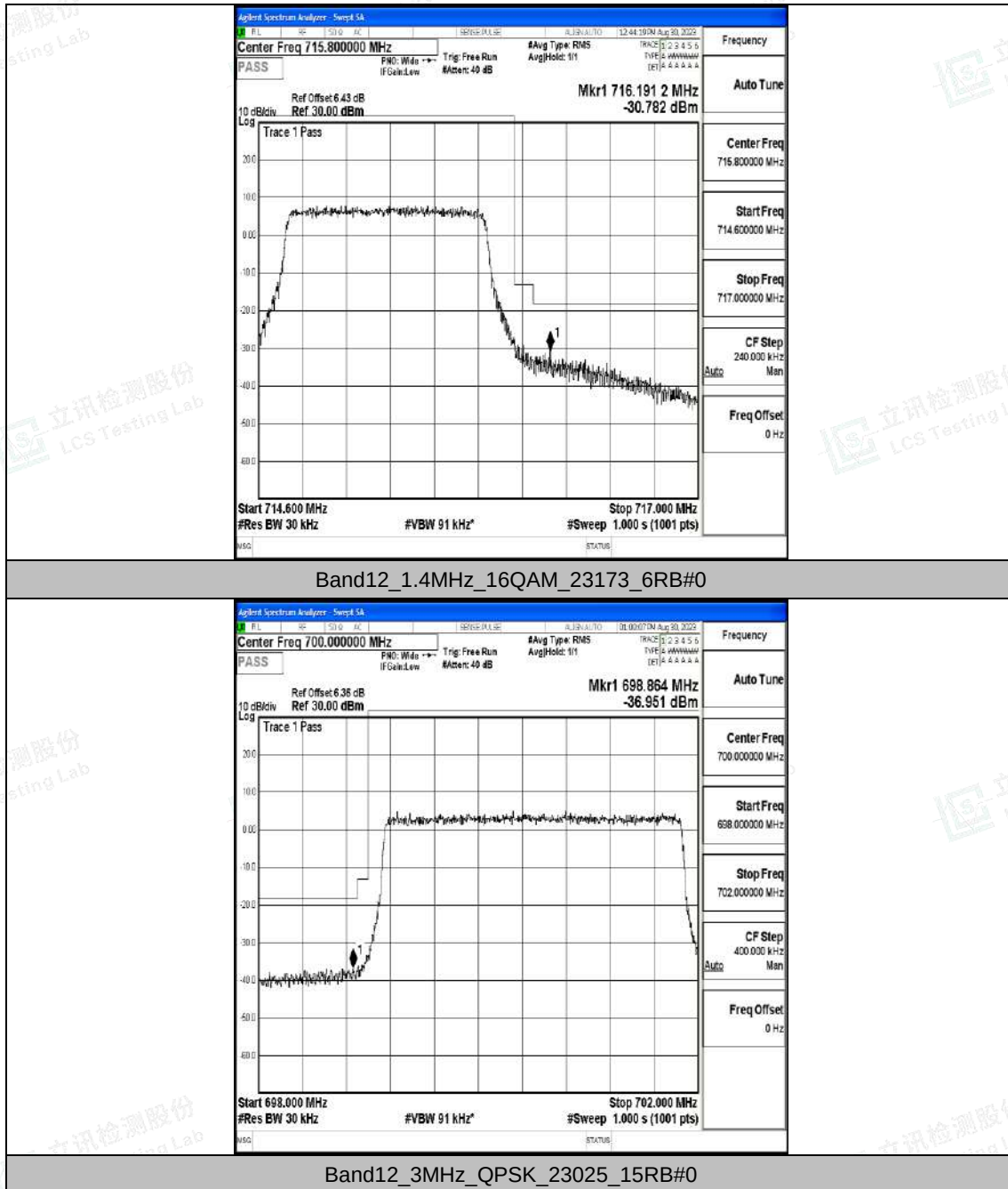


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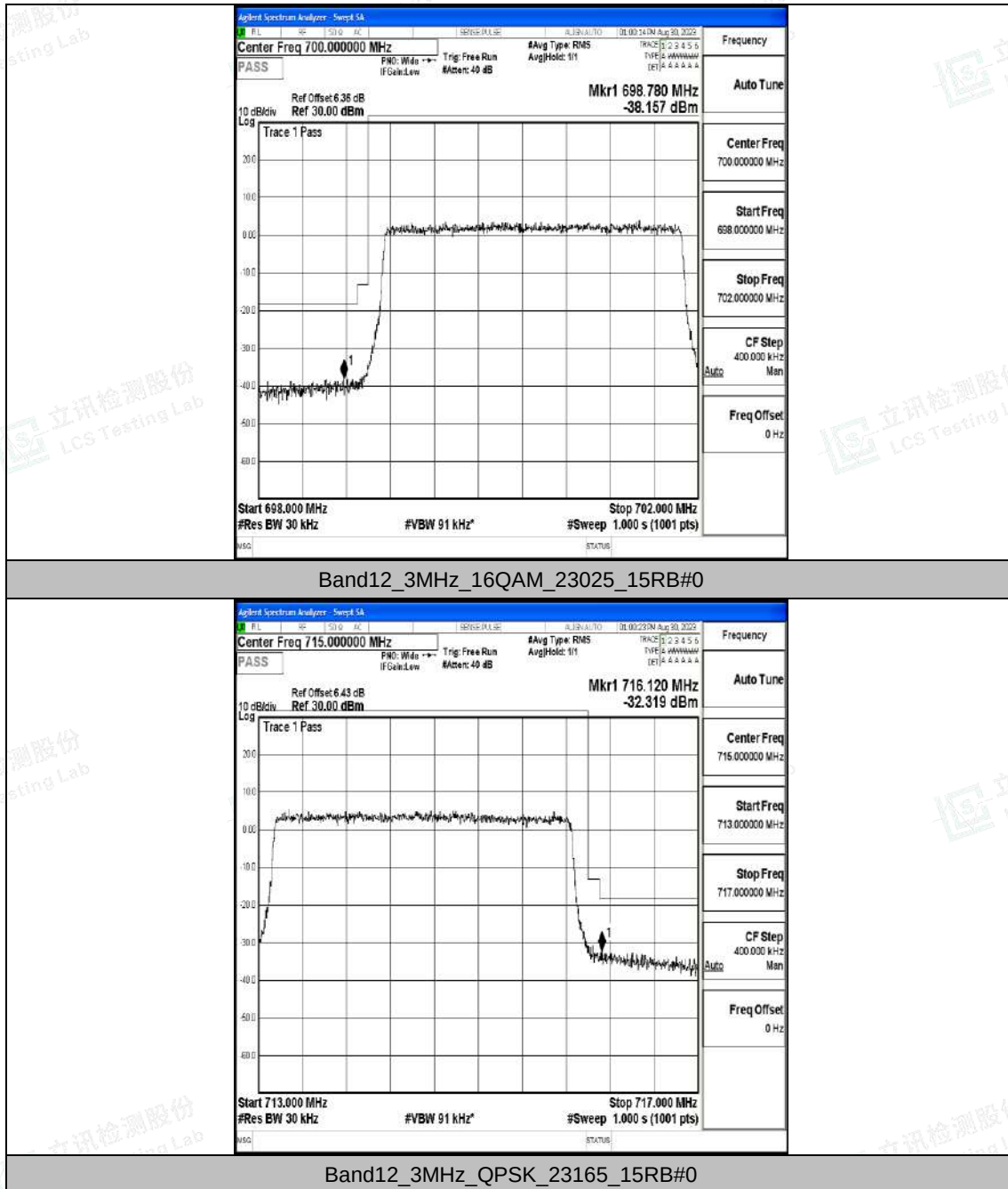


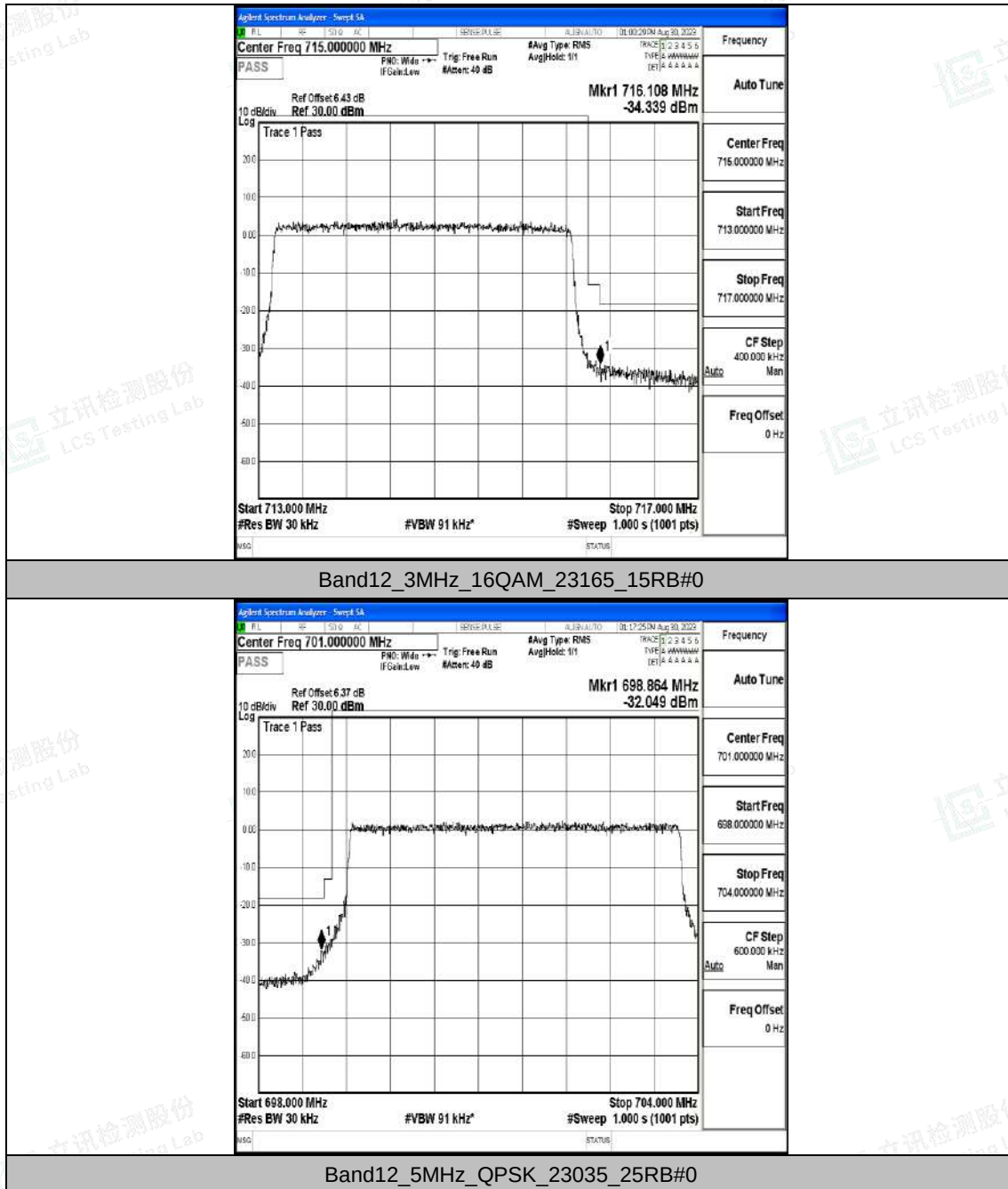
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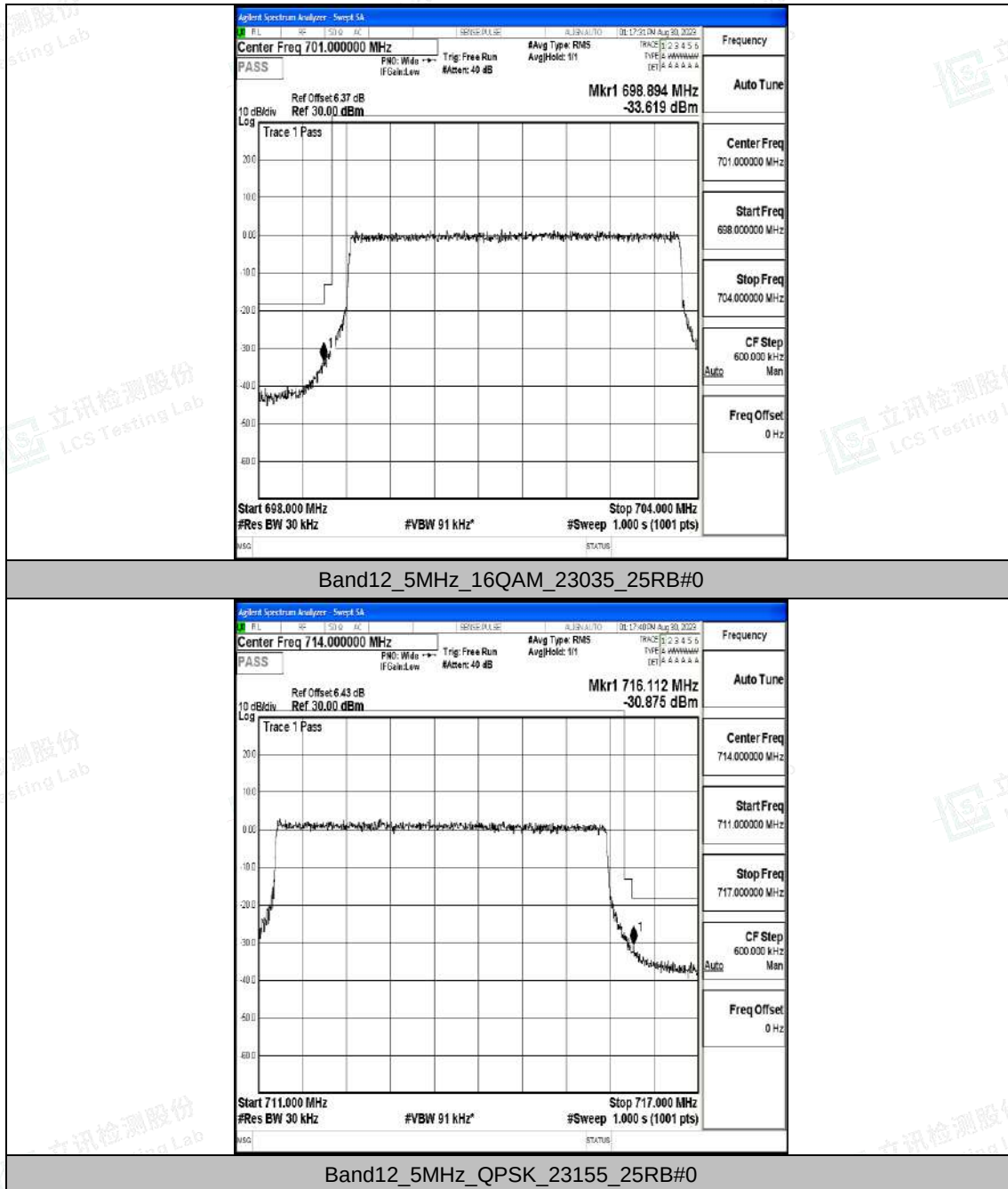
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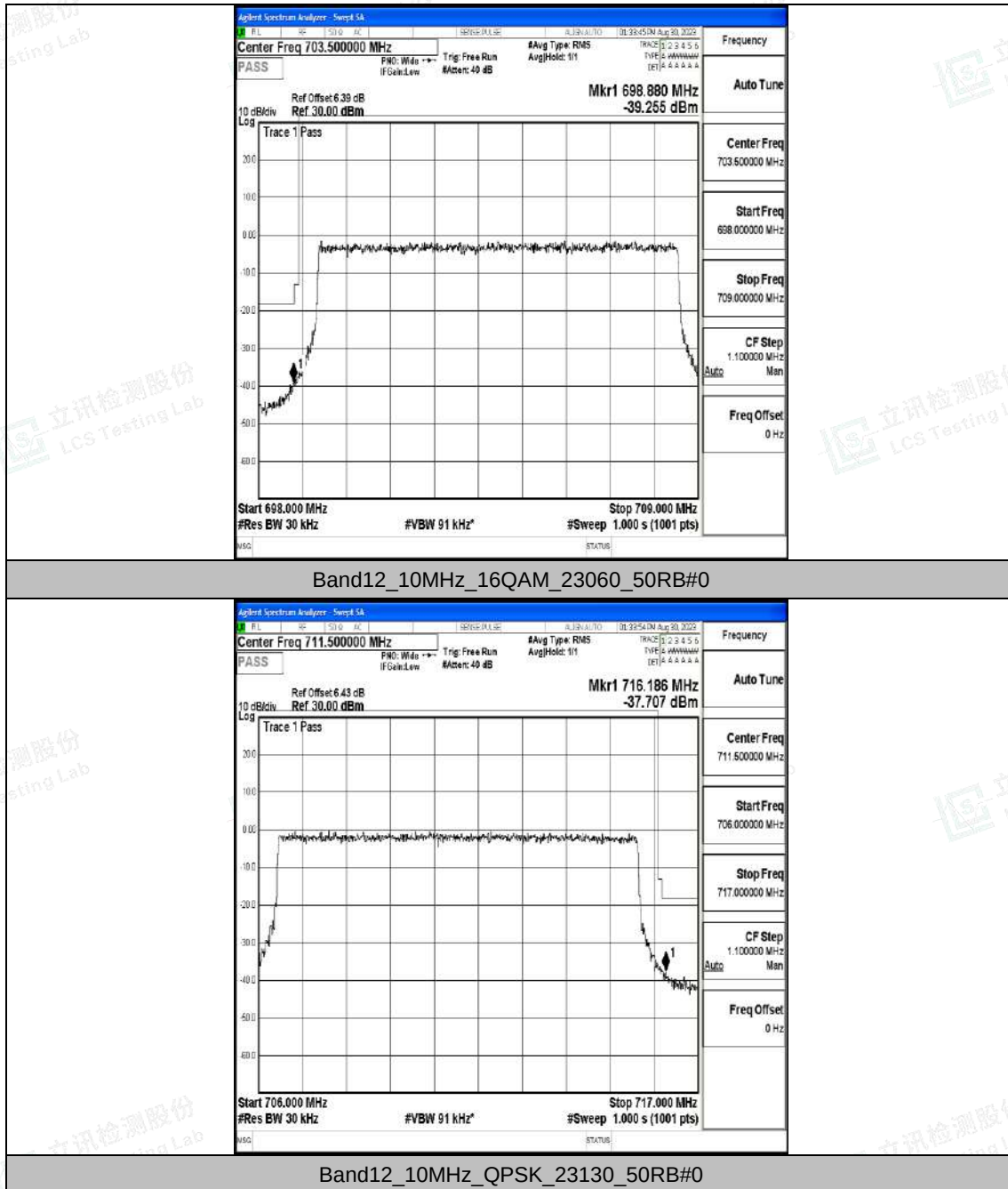


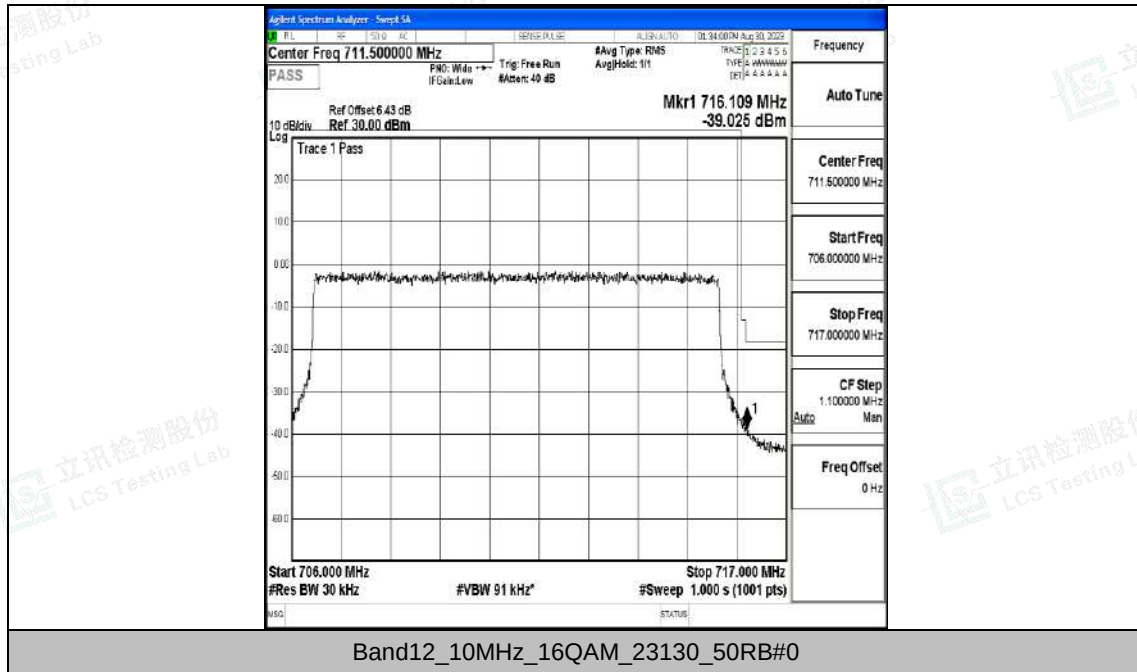
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H.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	0.009~0.15	-56.85	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	0.15~30	-52.84	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	30~1000	-50.48	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	1000~3000	-41.59	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	3000~10000	-44.44	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.009~0.15	-57.04	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.15~30	-52.98	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	30~1000	-51.00	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	1000~3000	-40.86	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	3000~10000	-44.19	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.009~0.15	-55.73	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.15~30	-52.91	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	30~1000	-51.36	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	1000~3000	-42.68	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3000~10000	-44.07	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.009~0.15	-56.84	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.15~30	-51.19	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	30~1000	-50.83	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	1000~3000	-44.37	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	3000~10000	-44.33	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.009~0.15	-55.89	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.15~30	-54.52	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	30~1000	-50.90	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	1000~3000	-45.70	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3000~10000	-43.93	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.009~0.15	-57.96	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.15~30	-52.38	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	30~1000	-50.74	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	1000~3000	-47.12	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	3000~10000	-44.04	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.009~0.15	-54.99	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.15~30	-51.81	PASS
Band12	3MHz	QPSK	23025	1RB#0	30~1000	-57.63	PASS
Band12	3MHz	QPSK	23025	1RB#0	1000~3000	-40.05	PASS
Band12	3MHz	QPSK	23025	1RB#0	3000~10000	-44.56	PASS



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Band12	3MHz	16QAM	23025	1RB#0	0.009~0.15	-56.10	PASS
Band12	3MHz	16QAM	23025	1RB#0	0.15~30	-54.05	PASS
Band12	3MHz	16QAM	23025	1RB#0	30~1000	-57.88	PASS
Band12	3MHz	16QAM	23025	1RB#0	1000~3000	-42.58	PASS
Band12	3MHz	16QAM	23025	1RB#0	3000~10000	-43.98	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.009~0.15	-53.31	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.15~30	-53.12	PASS
Band12	3MHz	QPSK	23095	1RB#0	30~1000	-59.70	PASS
Band12	3MHz	QPSK	23095	1RB#0	1000~3000	-43.16	PASS
Band12	3MHz	QPSK	23095	1RB#0	3000~10000	-44.31	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.009~0.15	-56.54	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.15~30	-51.85	PASS
Band12	3MHz	16QAM	23095	1RB#0	30~1000	-59.01	PASS
Band12	3MHz	16QAM	23095	1RB#0	1000~3000	-42.69	PASS
Band12	3MHz	16QAM	23095	1RB#0	3000~10000	-44.51	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.009~0.15	-53.53	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.15~30	-53.03	PASS
Band12	3MHz	QPSK	23165	1RB#0	30~1000	-59.82	PASS
Band12	3MHz	QPSK	23165	1RB#0	1000~3000	-43.57	PASS
Band12	3MHz	QPSK	23165	1RB#0	3000~10000	-43.99	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.009~0.15	-56.68	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.15~30	-53.38	PASS
Band12	3MHz	16QAM	23165	1RB#0	30~1000	-60.58	PASS
Band12	3MHz	16QAM	23165	1RB#0	1000~3000	-43.83	PASS
Band12	3MHz	16QAM	23165	1RB#0	3000~10000	-44.38	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.009~0.15	-55.81	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.15~30	-53.52	PASS
Band12	5MHz	QPSK	23035	1RB#0	30~1000	-62.71	PASS
Band12	5MHz	QPSK	23035	1RB#0	1000~3000	-41.52	PASS
Band12	5MHz	QPSK	23035	1RB#0	3000~10000	-44.54	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.009~0.15	-59.13	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.15~30	-54.53	PASS
Band12	5MHz	16QAM	23035	1RB#0	30~1000	-62.93	PASS
Band12	5MHz	16QAM	23035	1RB#0	1000~3000	-41.62	PASS
Band12	5MHz	16QAM	23035	1RB#0	3000~10000	-44.16	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.009~0.15	-55.61	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.15~30	-53.34	PASS
Band12	5MHz	QPSK	23095	1RB#0	30~1000	-62.82	PASS
Band12	5MHz	QPSK	23095	1RB#0	1000~3000	-44.52	PASS
Band12	5MHz	QPSK	23095	1RB#0	3000~10000	-44.07	PASS



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Band12	5MHz	16QAM	23095	1RB#0	0.009~0.15	-58.23	PASS
Band12	5MHz	16QAM	23095	1RB#0	0.15~30	-53.41	PASS
Band12	5MHz	16QAM	23095	1RB#0	30~1000	-62.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	1000~3000	-45.55	PASS
Band12	5MHz	16QAM	23095	1RB#0	3000~10000	-44.48	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.009~0.15	-57.62	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.15~30	-54.28	PASS
Band12	5MHz	QPSK	23155	1RB#0	30~1000	-62.75	PASS
Band12	5MHz	QPSK	23155	1RB#0	1000~3000	-42.60	PASS
Band12	5MHz	QPSK	23155	1RB#0	3000~10000	-44.21	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.009~0.15	-57.51	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.15~30	-51.96	PASS
Band12	5MHz	16QAM	23155	1RB#0	30~1000	-62.49	PASS
Band12	5MHz	16QAM	23155	1RB#0	1000~3000	-42.85	PASS
Band12	5MHz	16QAM	23155	1RB#0	3000~10000	-44.27	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.009~0.15	-57.41	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.15~30	-53.23	PASS
Band12	10MHz	QPSK	23060	1RB#0	30~1000	-62.99	PASS
Band12	10MHz	QPSK	23060	1RB#0	1000~3000	-41.94	PASS
Band12	10MHz	QPSK	23060	1RB#0	3000~10000	-44.47	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.009~0.15	-56.18	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.15~30	-52.64	PASS
Band12	10MHz	16QAM	23060	1RB#0	30~1000	-63.02	PASS
Band12	10MHz	16QAM	23060	1RB#0	1000~3000	-42.80	PASS
Band12	10MHz	16QAM	23060	1RB#0	3000~10000	-44.01	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.009~0.15	-56.22	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.15~30	-53.48	PASS
Band12	10MHz	QPSK	23095	1RB#0	30~1000	-62.64	PASS
Band12	10MHz	QPSK	23095	1RB#0	1000~3000	-45.80	PASS
Band12	10MHz	QPSK	23095	1RB#0	3000~10000	-44.12	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.009~0.15	-57.17	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.15~30	-53.63	PASS
Band12	10MHz	16QAM	23095	1RB#0	30~1000	-63.01	PASS
Band12	10MHz	16QAM	23095	1RB#0	1000~3000	-45.39	PASS
Band12	10MHz	16QAM	23095	1RB#0	3000~10000	-44.47	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.009~0.15	-56.59	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.15~30	-52.16	PASS
Band12	10MHz	QPSK	23130	1RB#0	30~1000	-62.96	PASS
Band12	10MHz	QPSK	23130	1RB#0	1000~3000	-42.92	PASS
Band12	10MHz	QPSK	23130	1RB#0	3000~10000	-44.30	PASS



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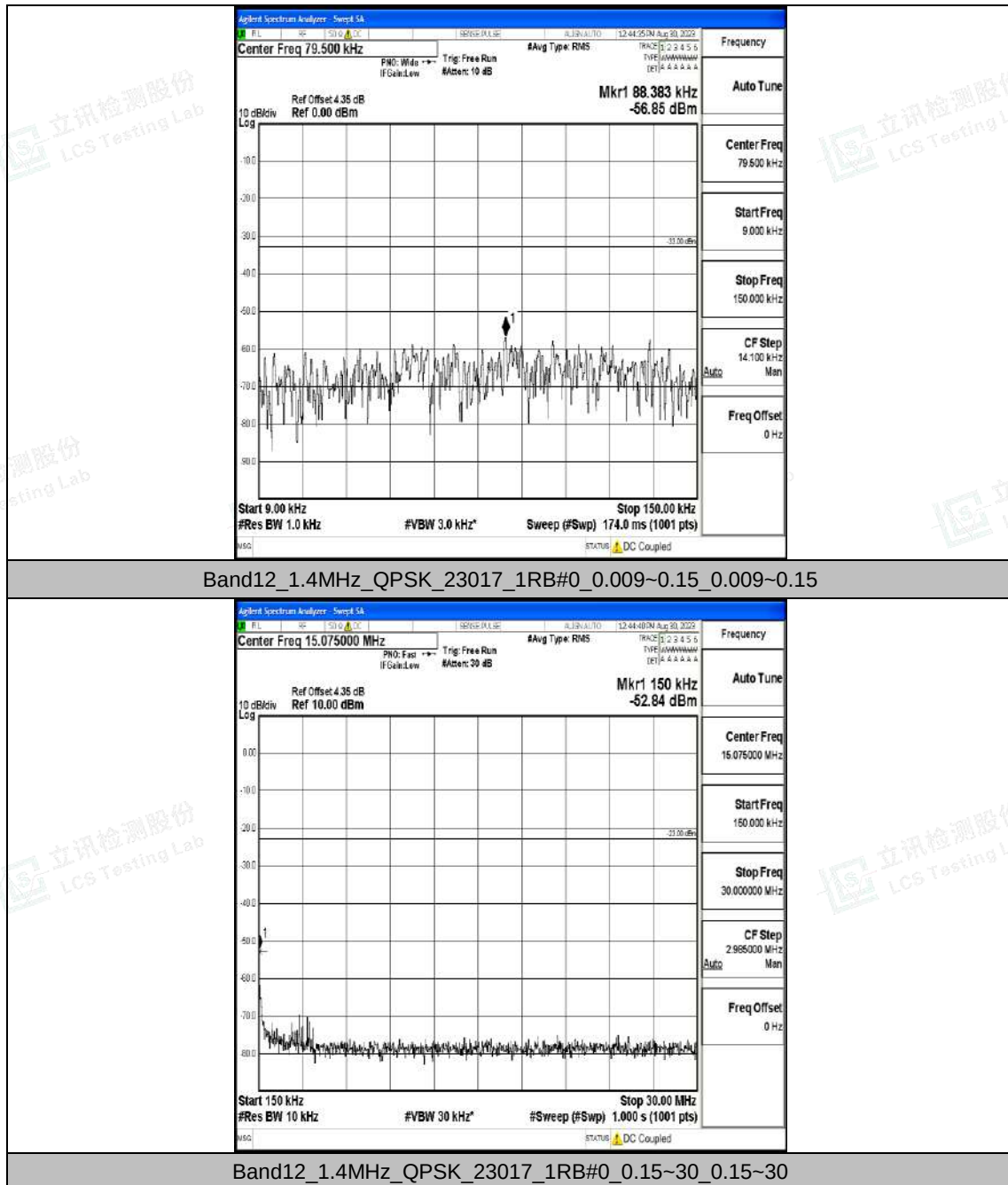
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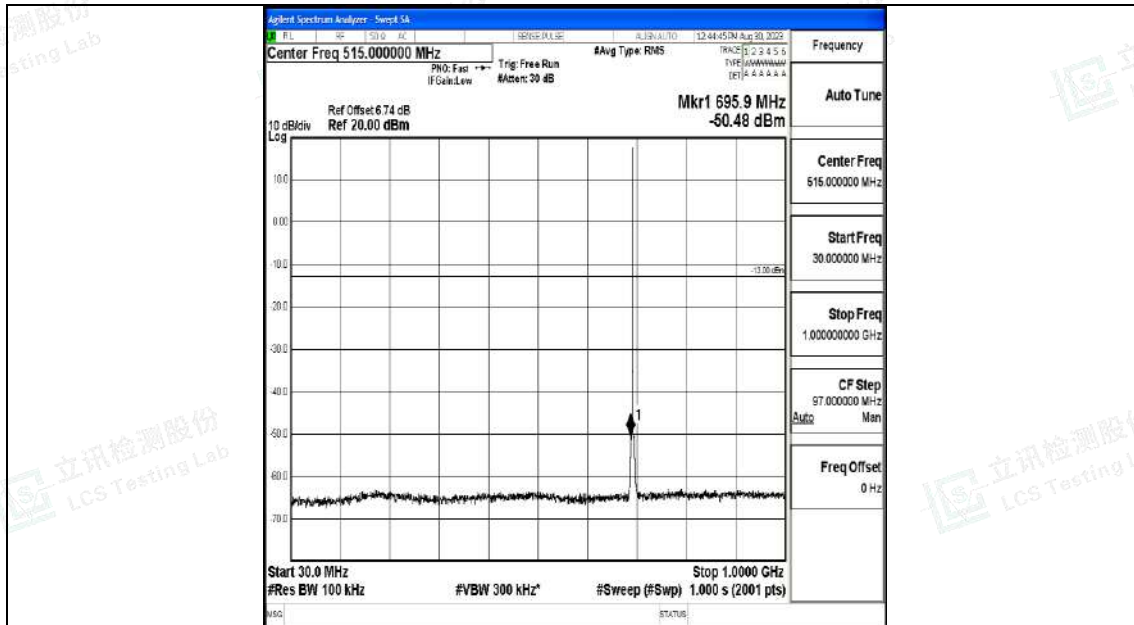
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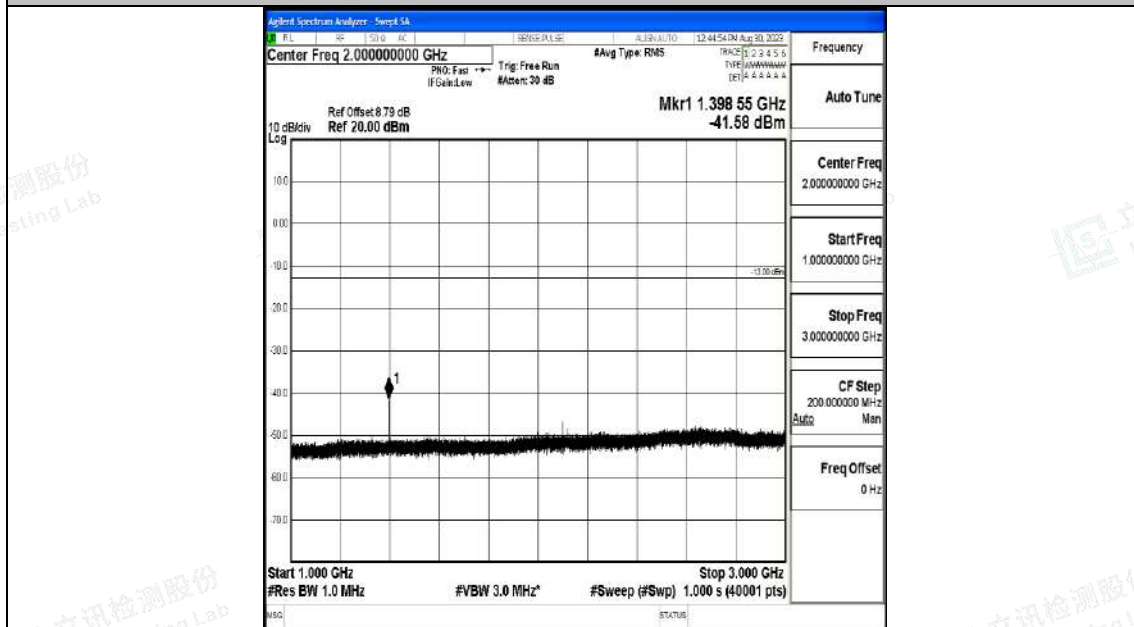
Band12	10MHz	16QAM	23130	1RB#0	0.009~0.15	-57.21	PASS
Band12	10MHz	16QAM	23130	1RB#0	0.15~30	-51.59	PASS
Band12	10MHz	16QAM	23130	1RB#0	30~1000	-63.05	PASS
Band12	10MHz	16QAM	23130	1RB#0	1000~3000	-42.06	PASS
Band12	10MHz	16QAM	23130	1RB#0	3000~10000	-44.62	PASS

Test Graphs



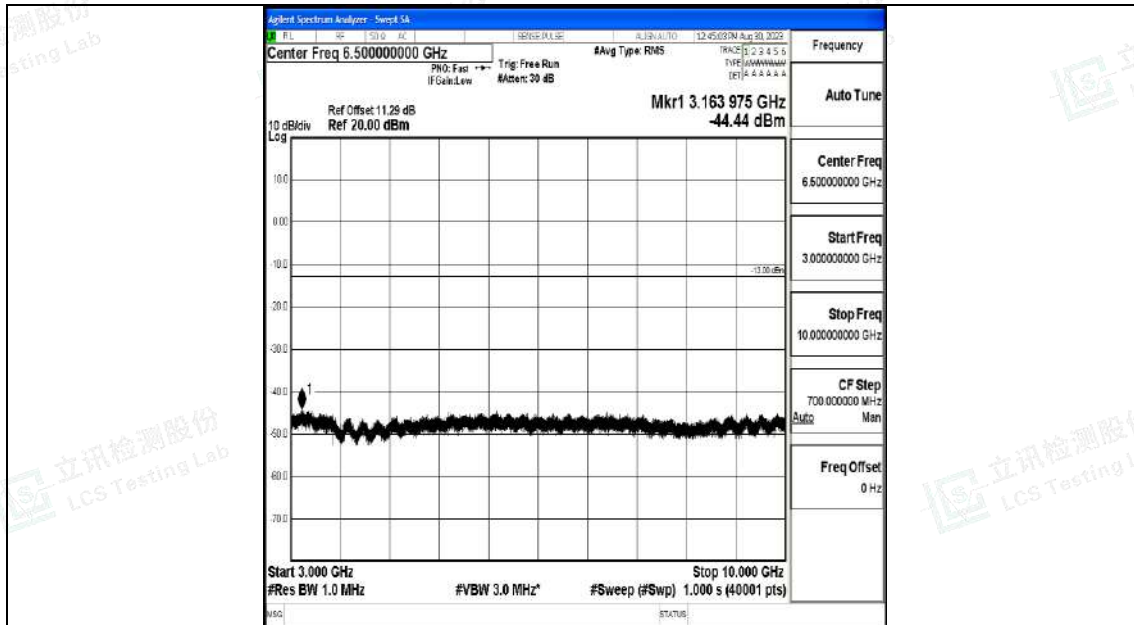


Band12_1.4MHz_QPSK_23017_1RB#0_30~1000_30~1000

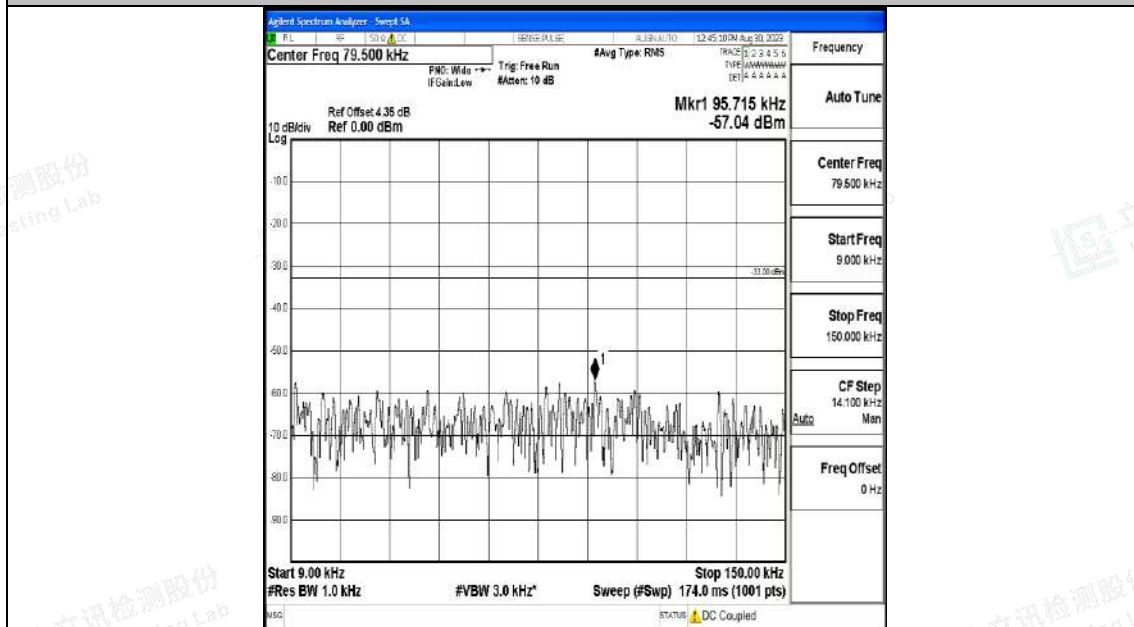


Band12_1.4MHz_QPSK_23017_1RB#0_1000~3000_1000~3000





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

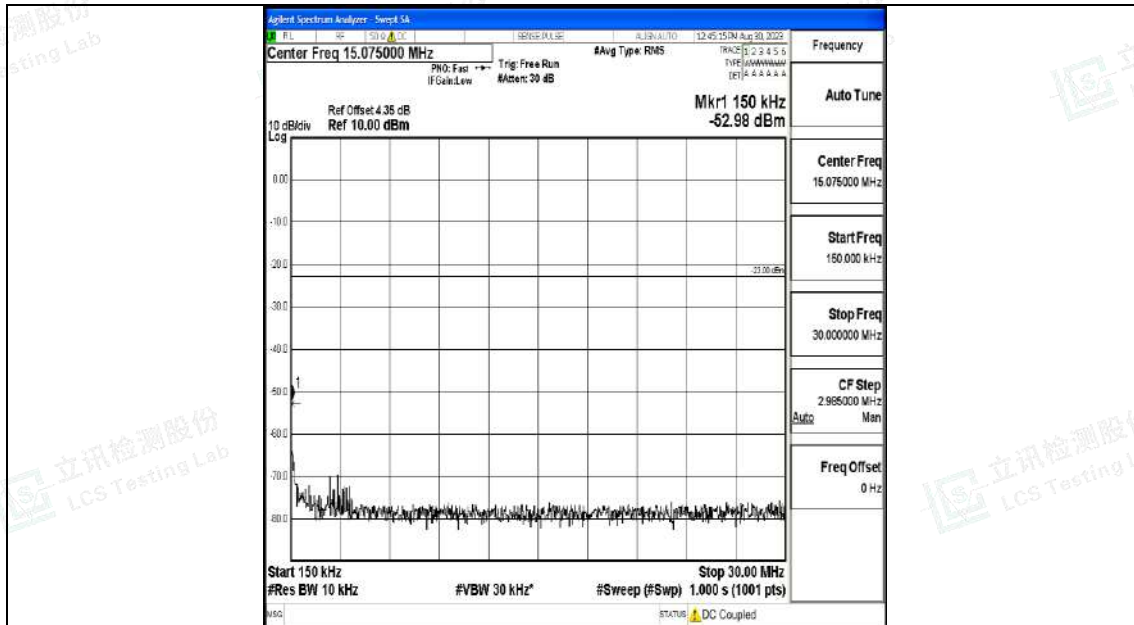


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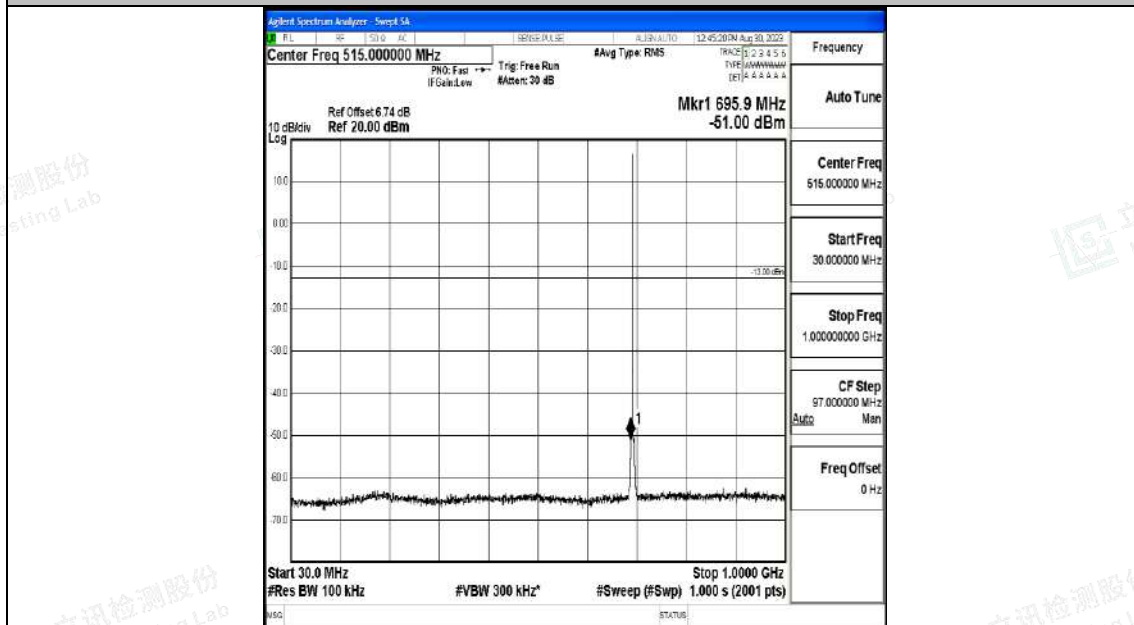
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Band12_1.4MHz_16QAM_23017_1RB#0_0.15~30_0.15~30



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

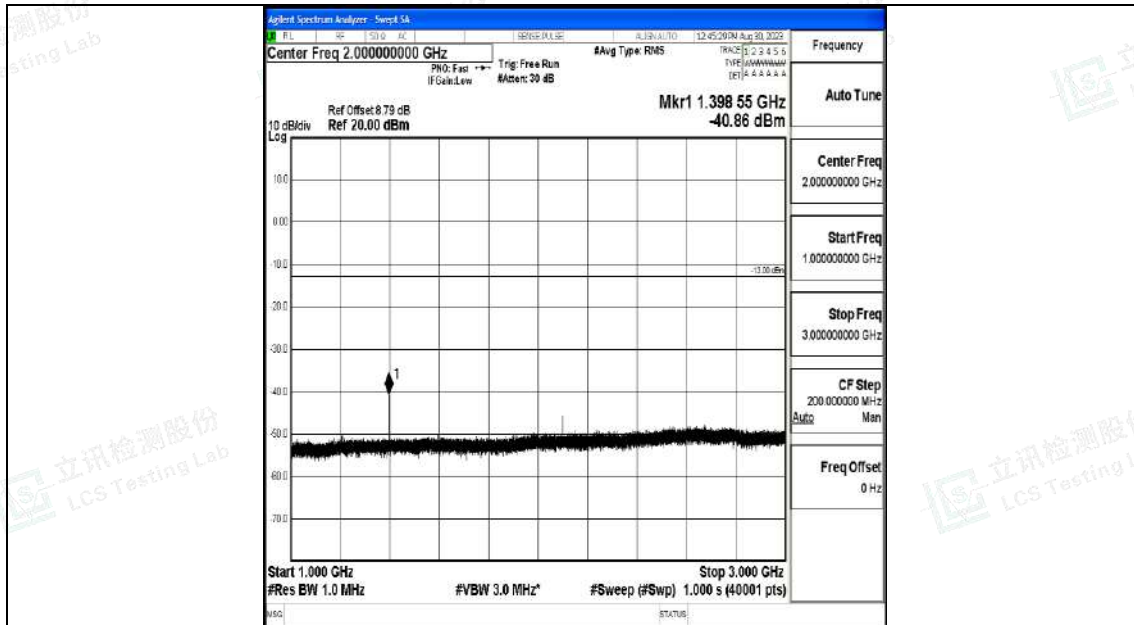


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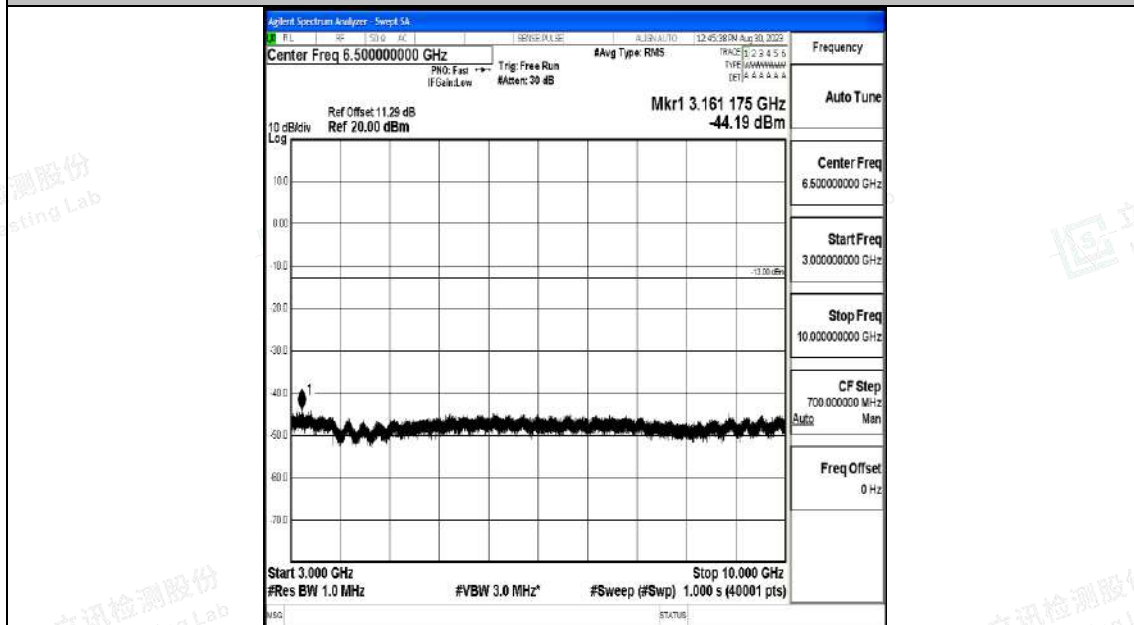
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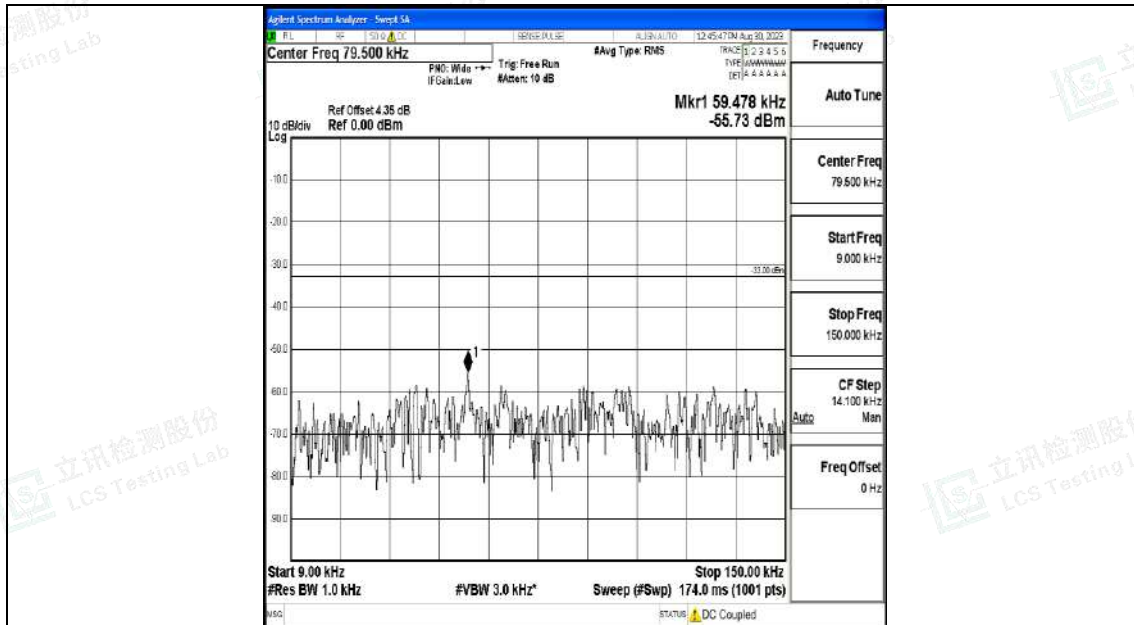


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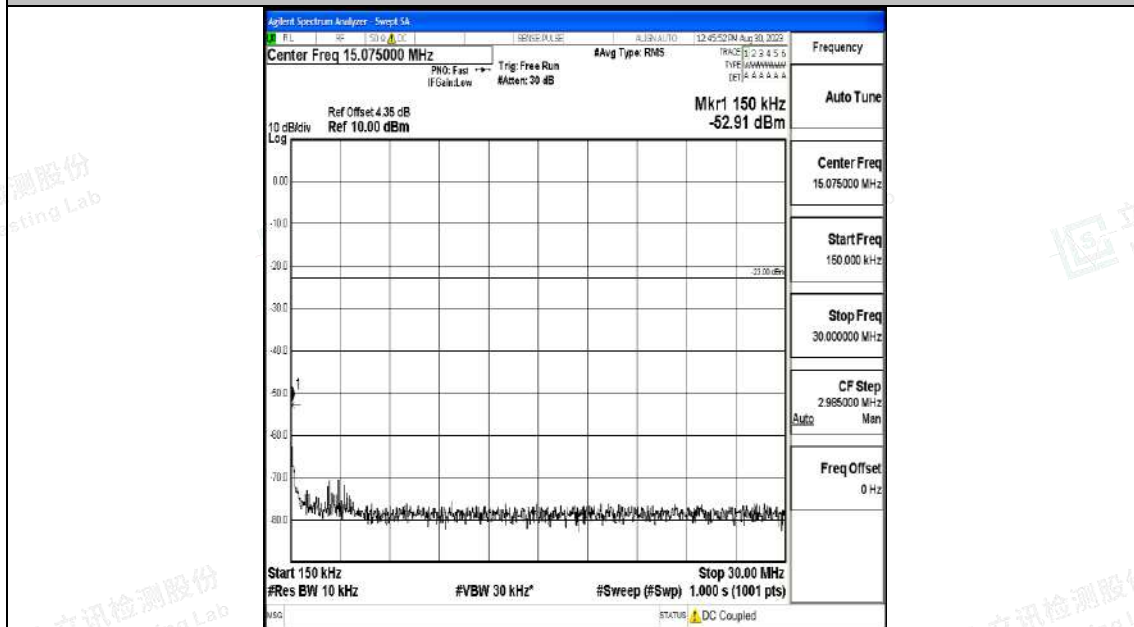


Band12_1.4MHz_16QAM_23017_1RB#0_3000~10000_3000~10000





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

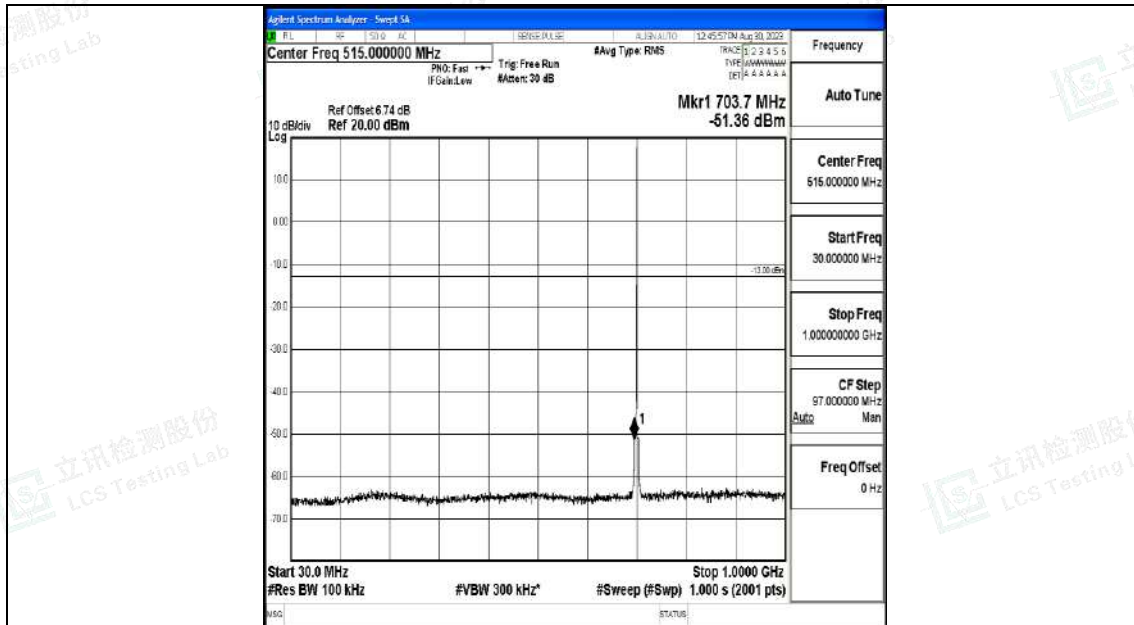


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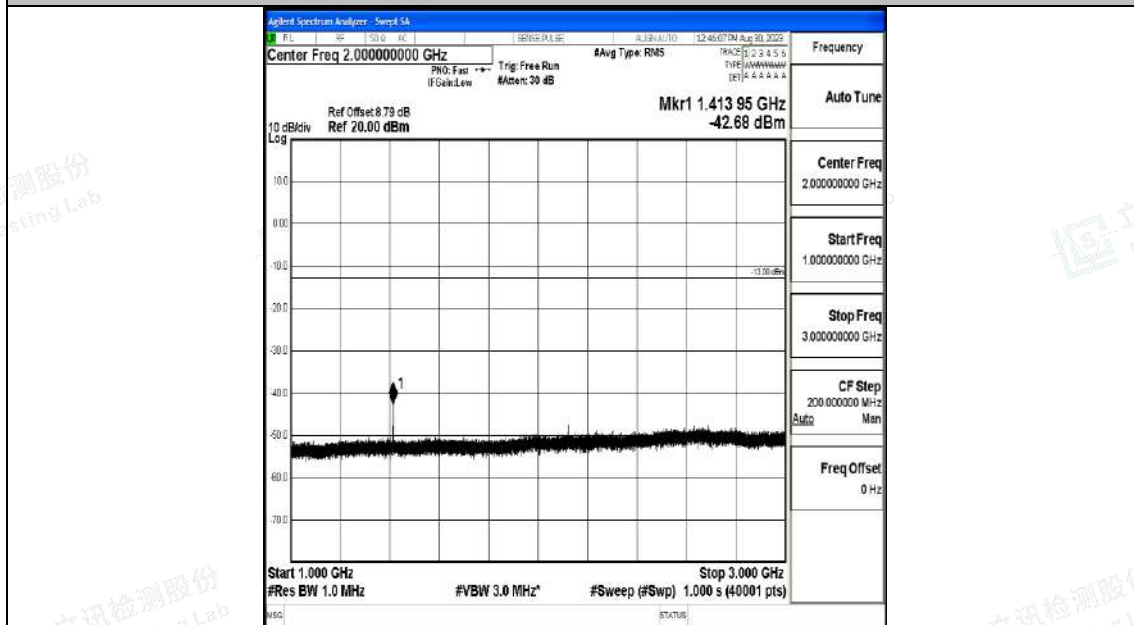
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Band12_1.4MHz_QPSK_23095_1RB#0_30~1000_30~1000



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

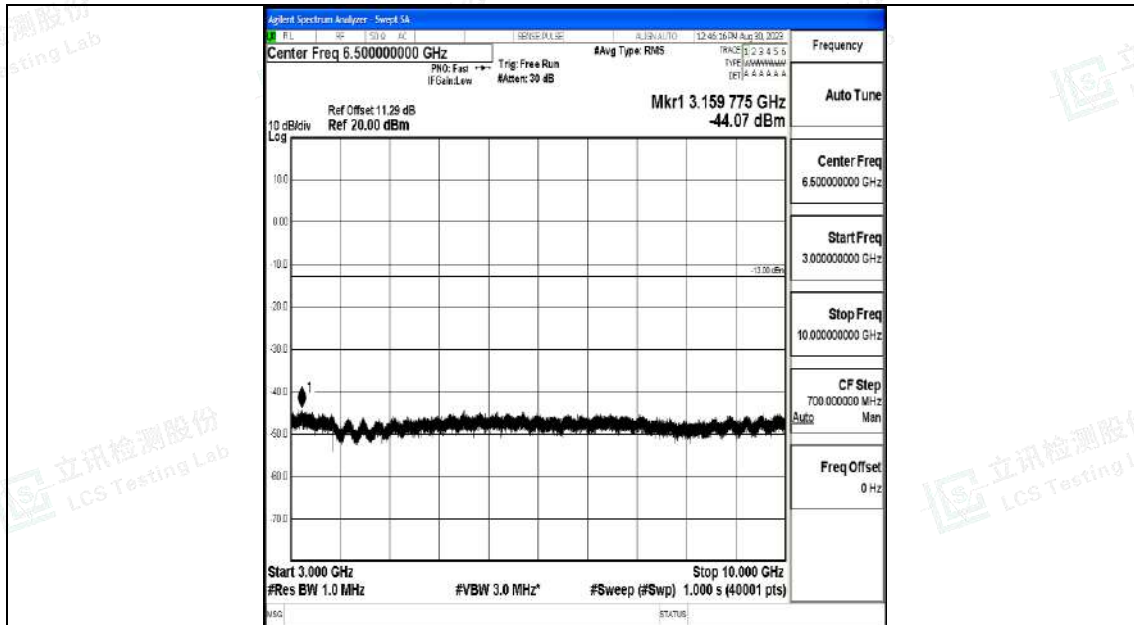


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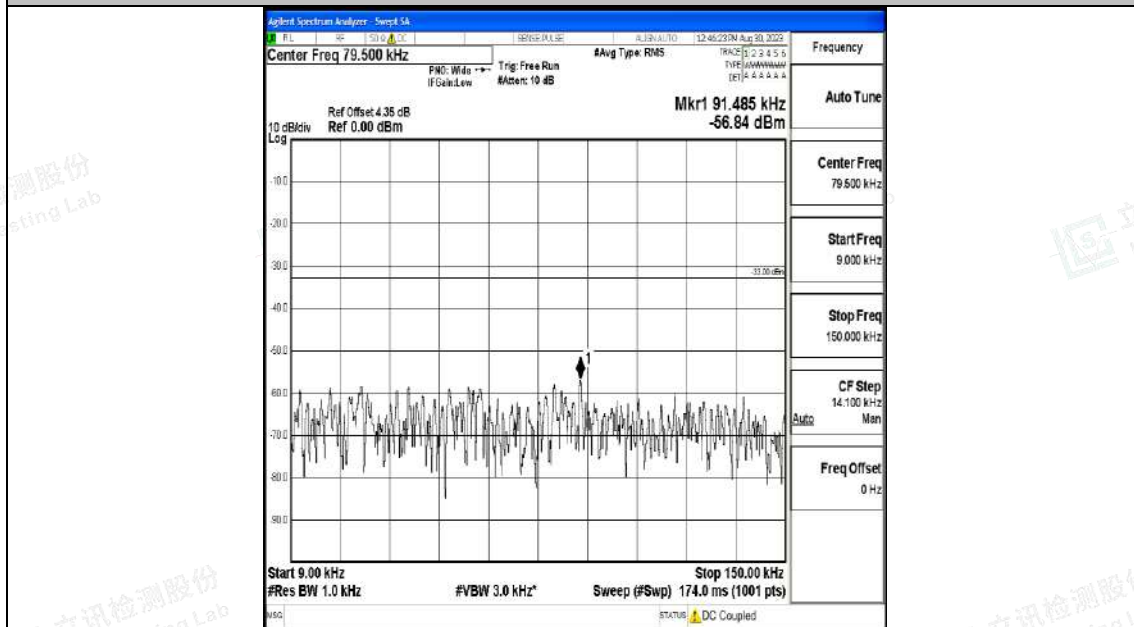
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Band12_1.4MHz_QPSK_23095_1RB#0_3000~10000_3000~10000



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

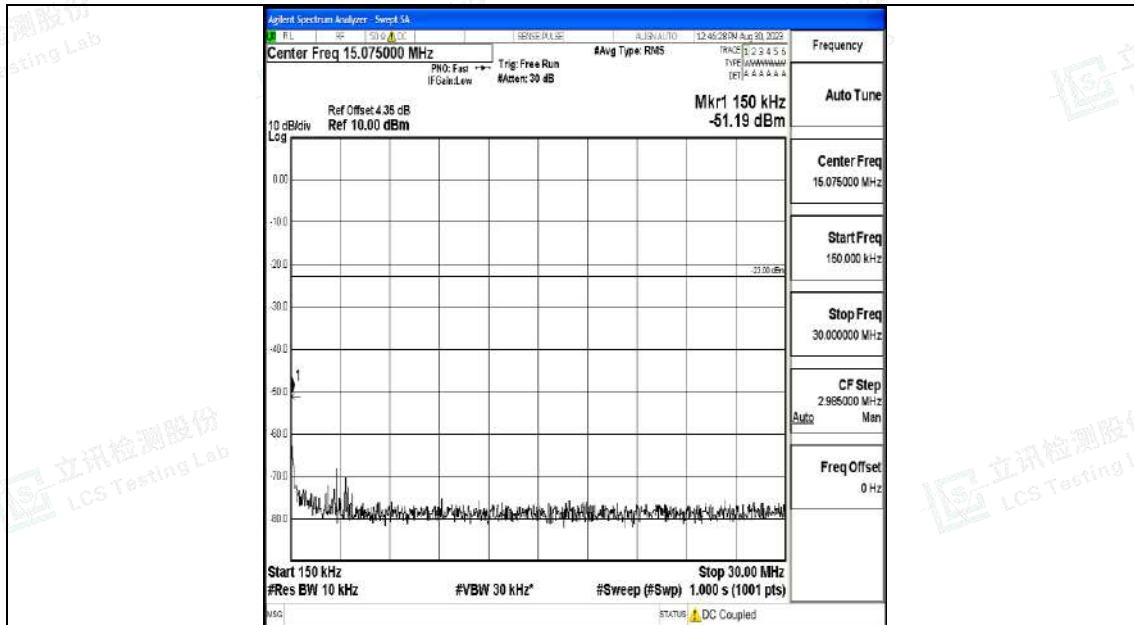


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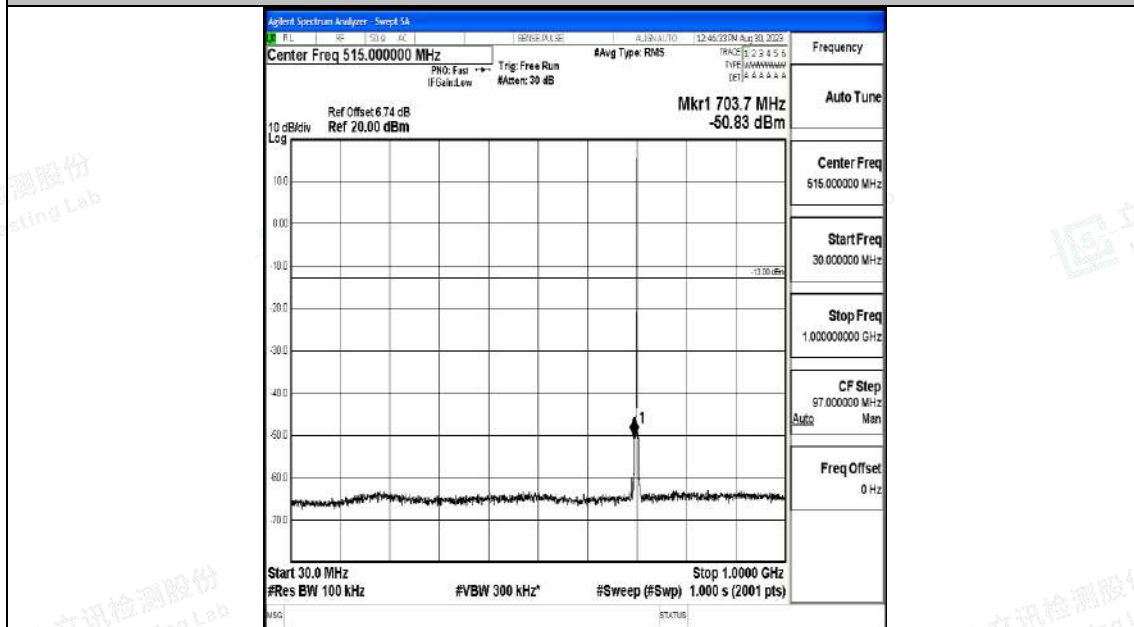
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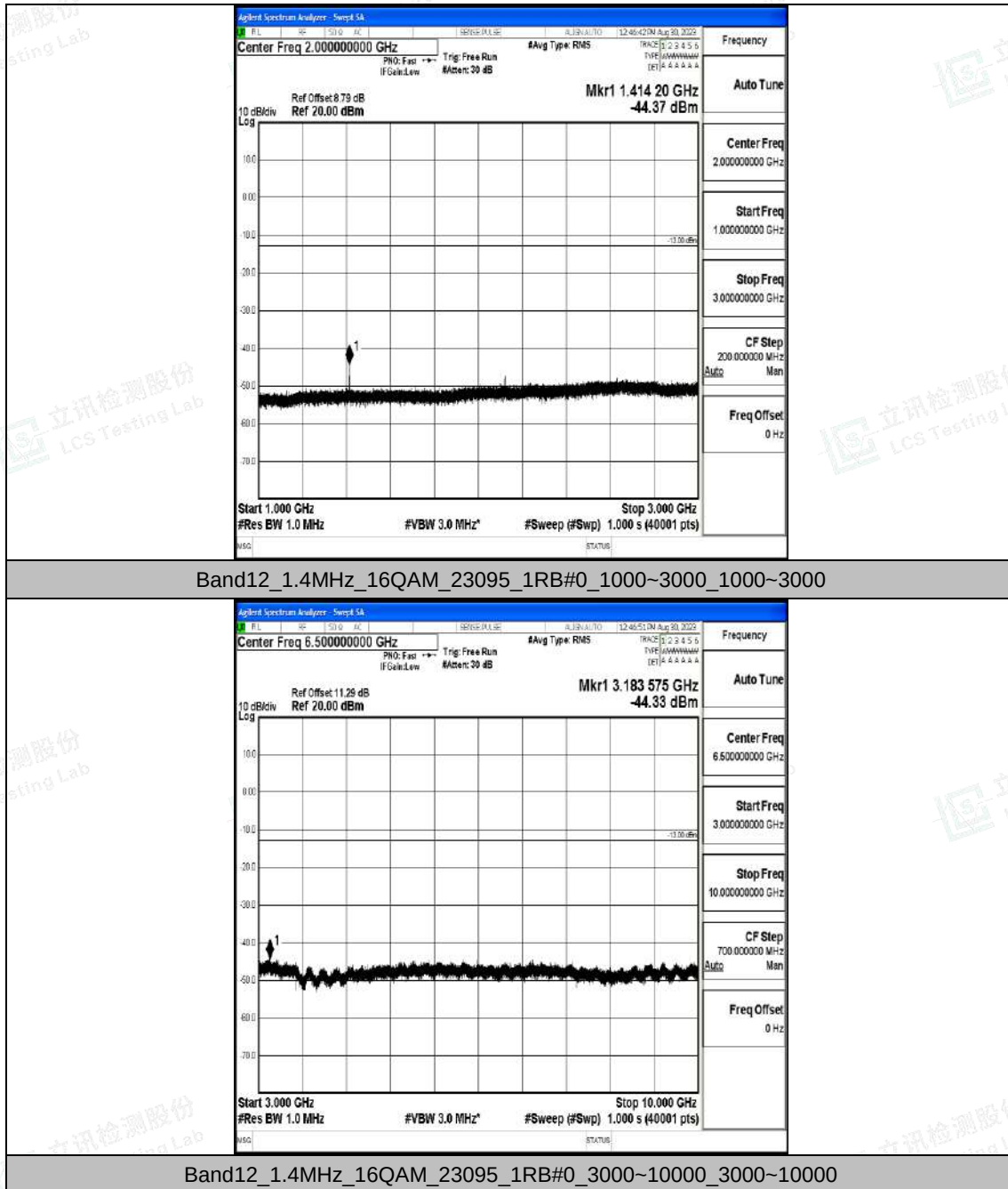


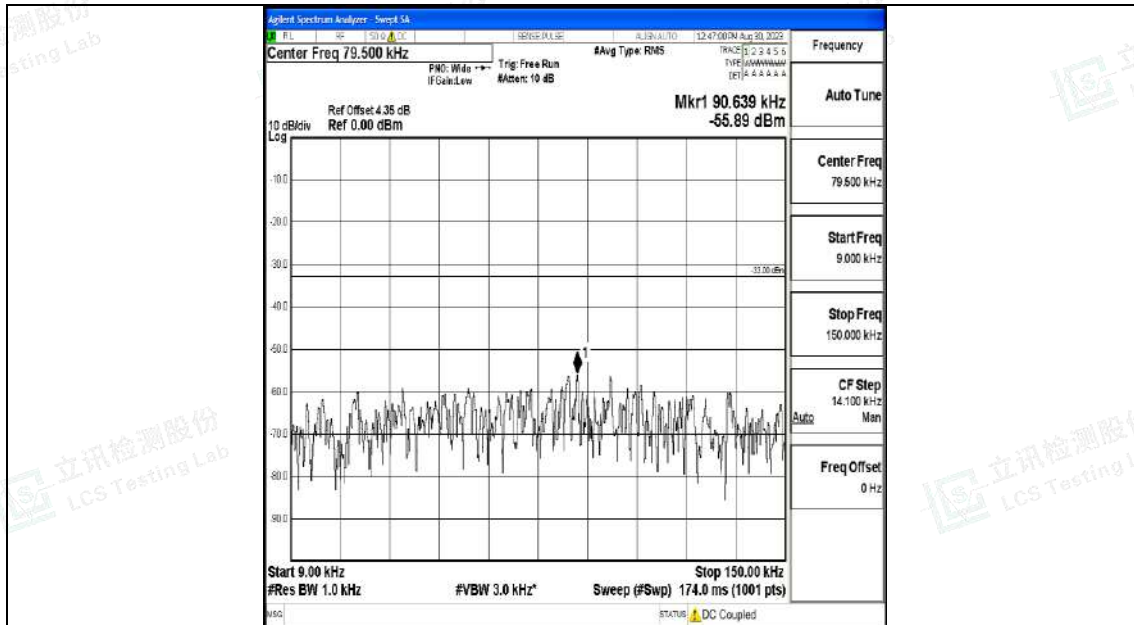
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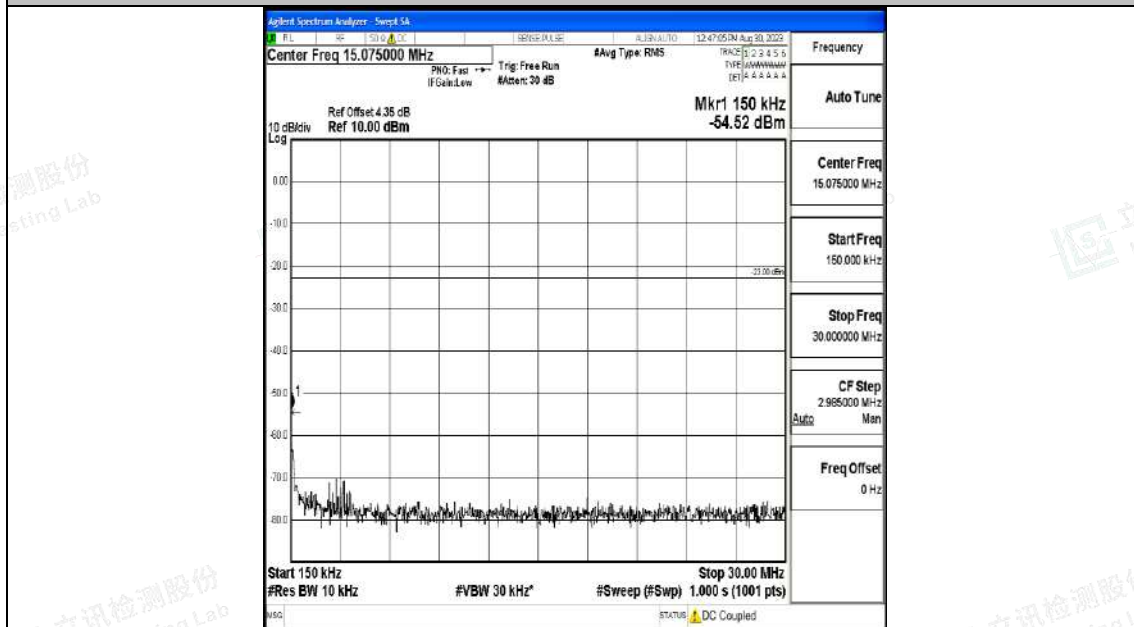
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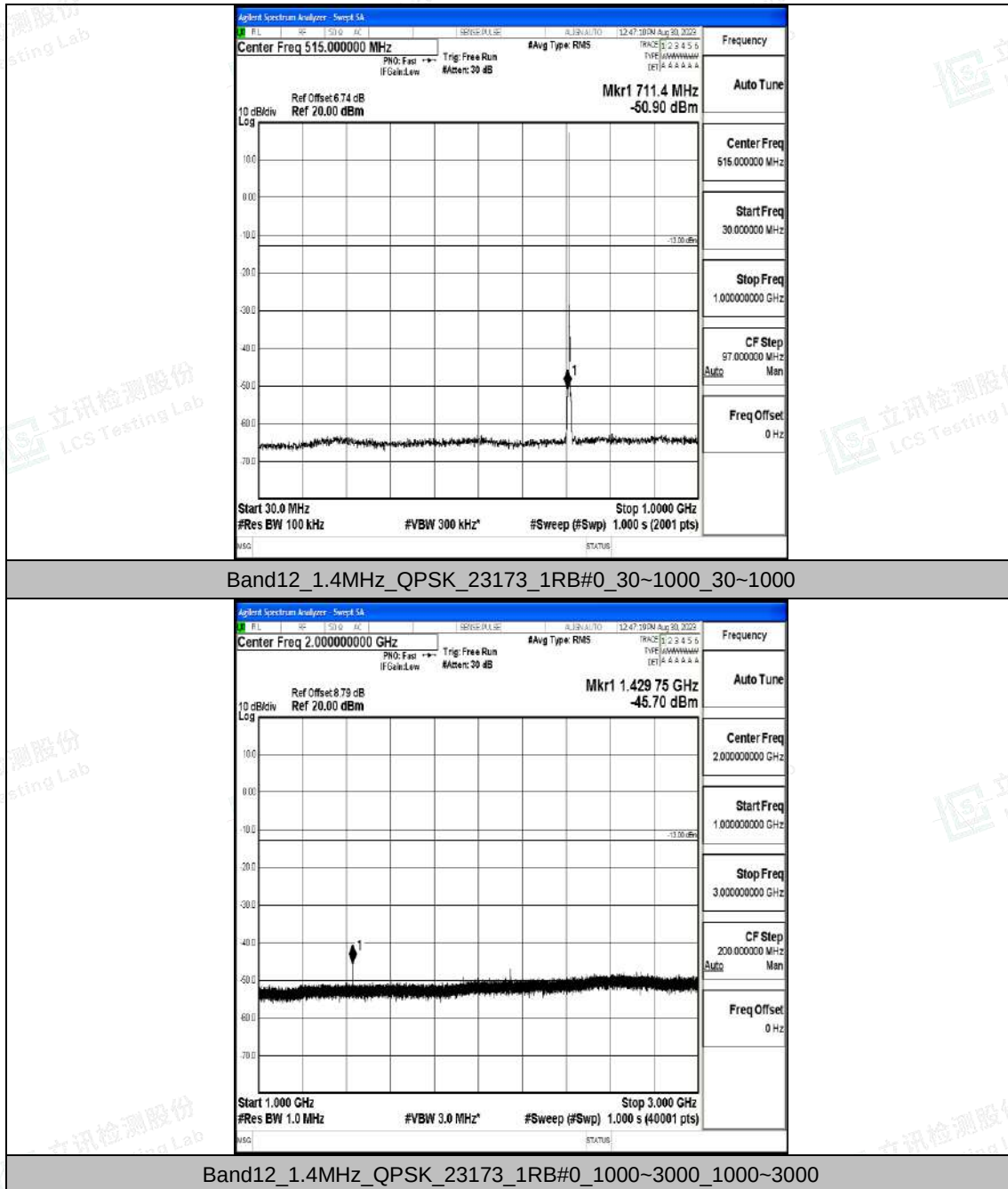


Band12_1.4MHz_QPSK_23173_1RB#0_0.009~0.15_0.009~0.15



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



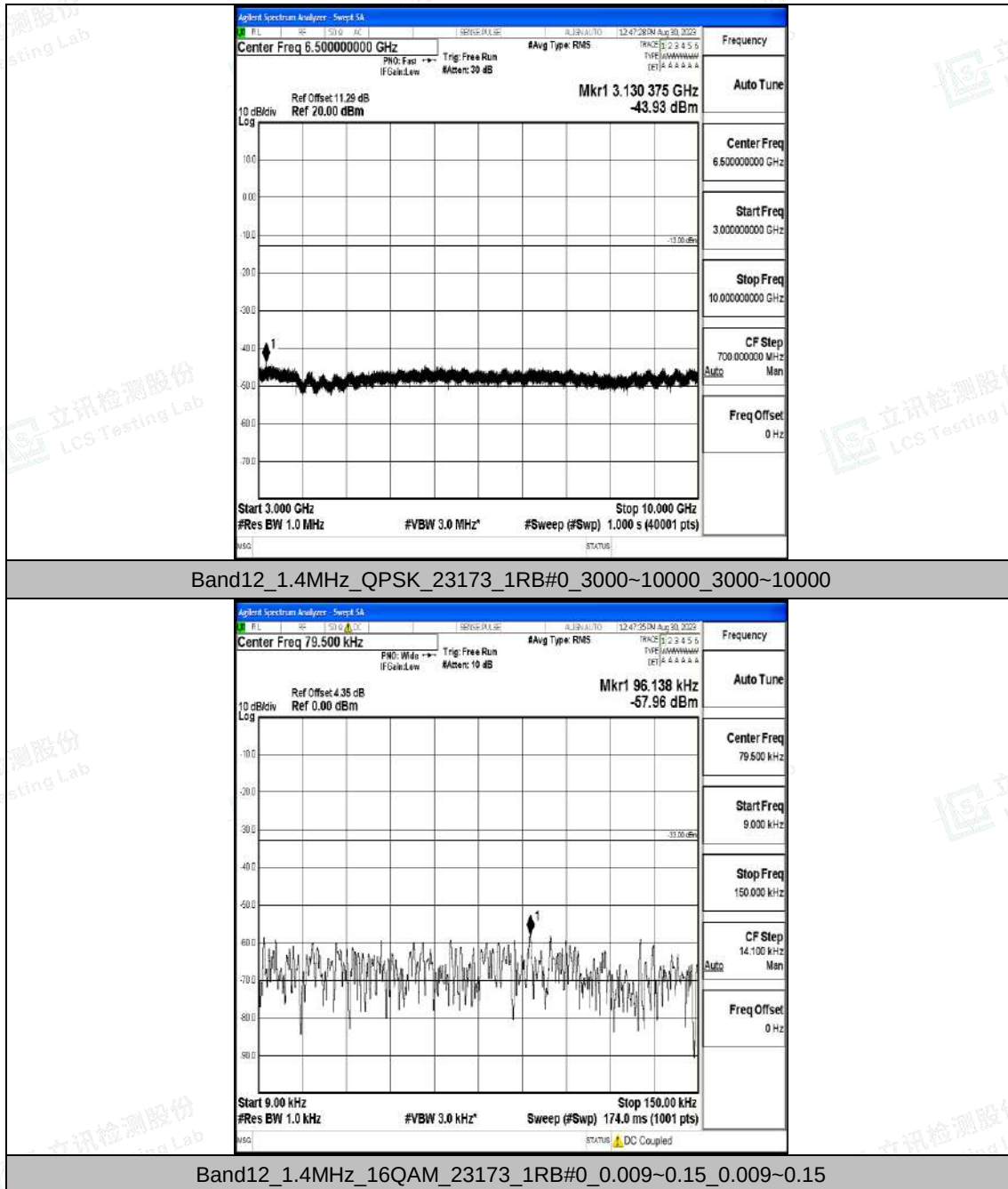


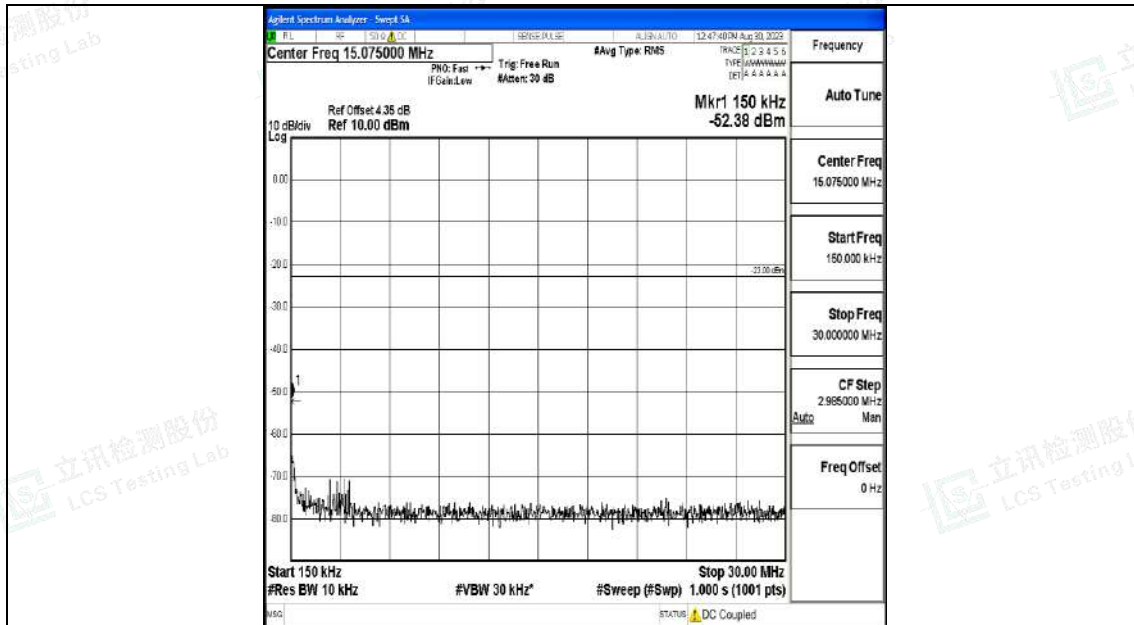
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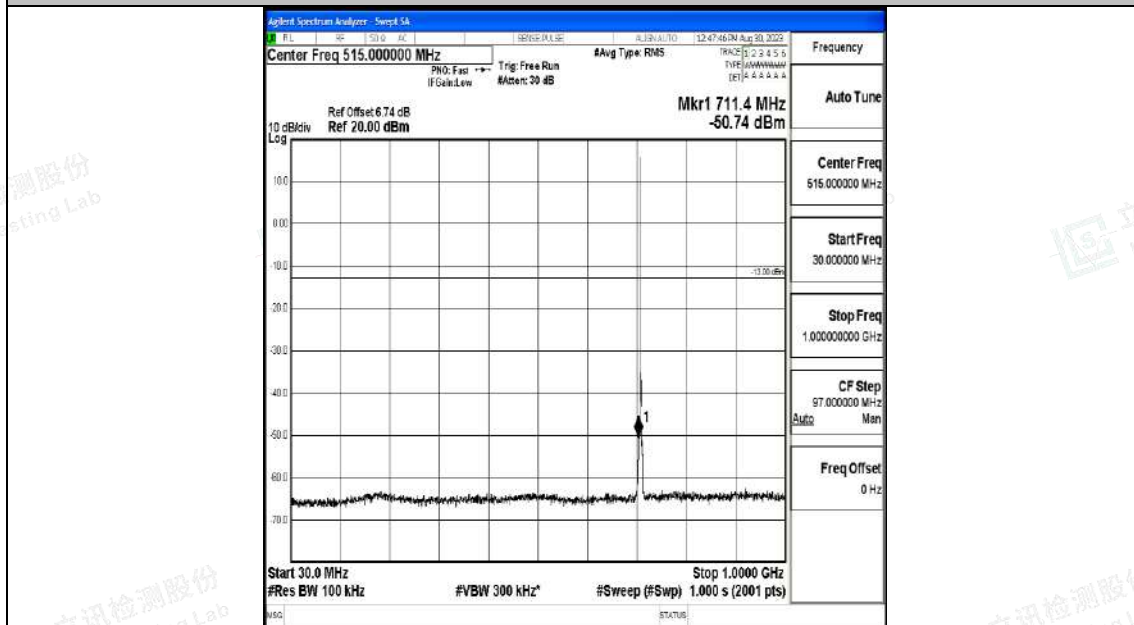
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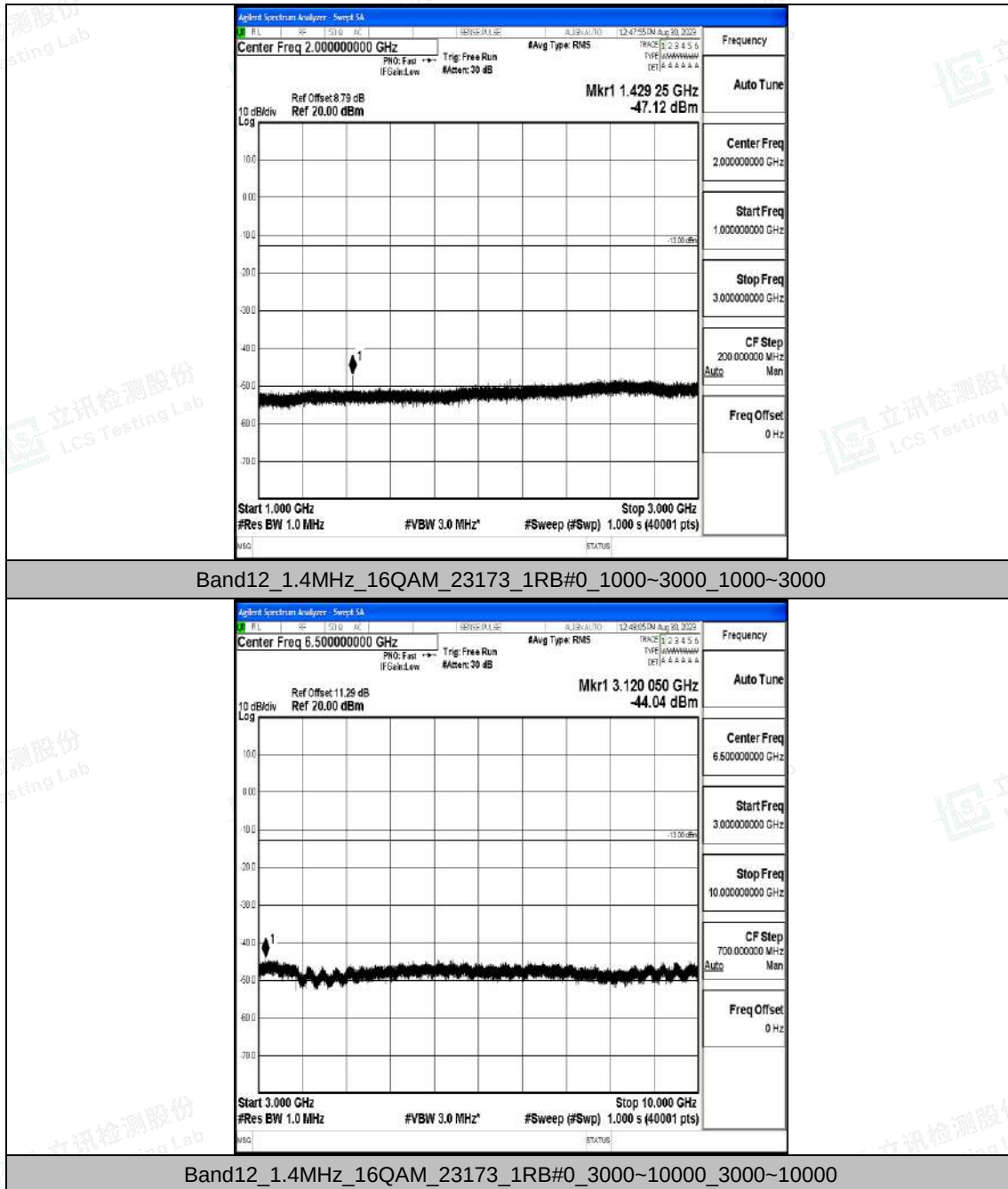


Band12_1.4MHz_16QAM_23173_1RB#0_0.15~30_0.15~30



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



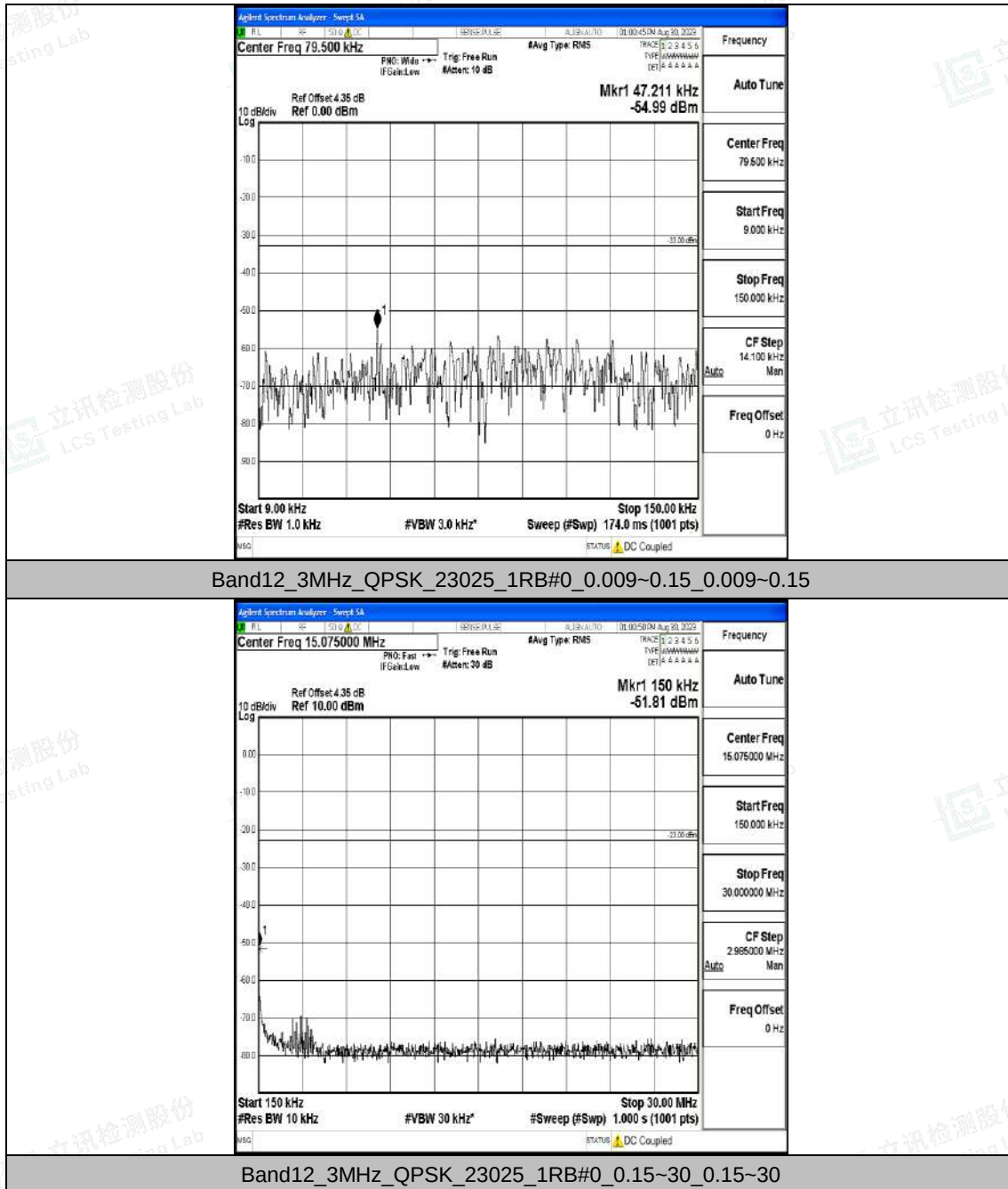


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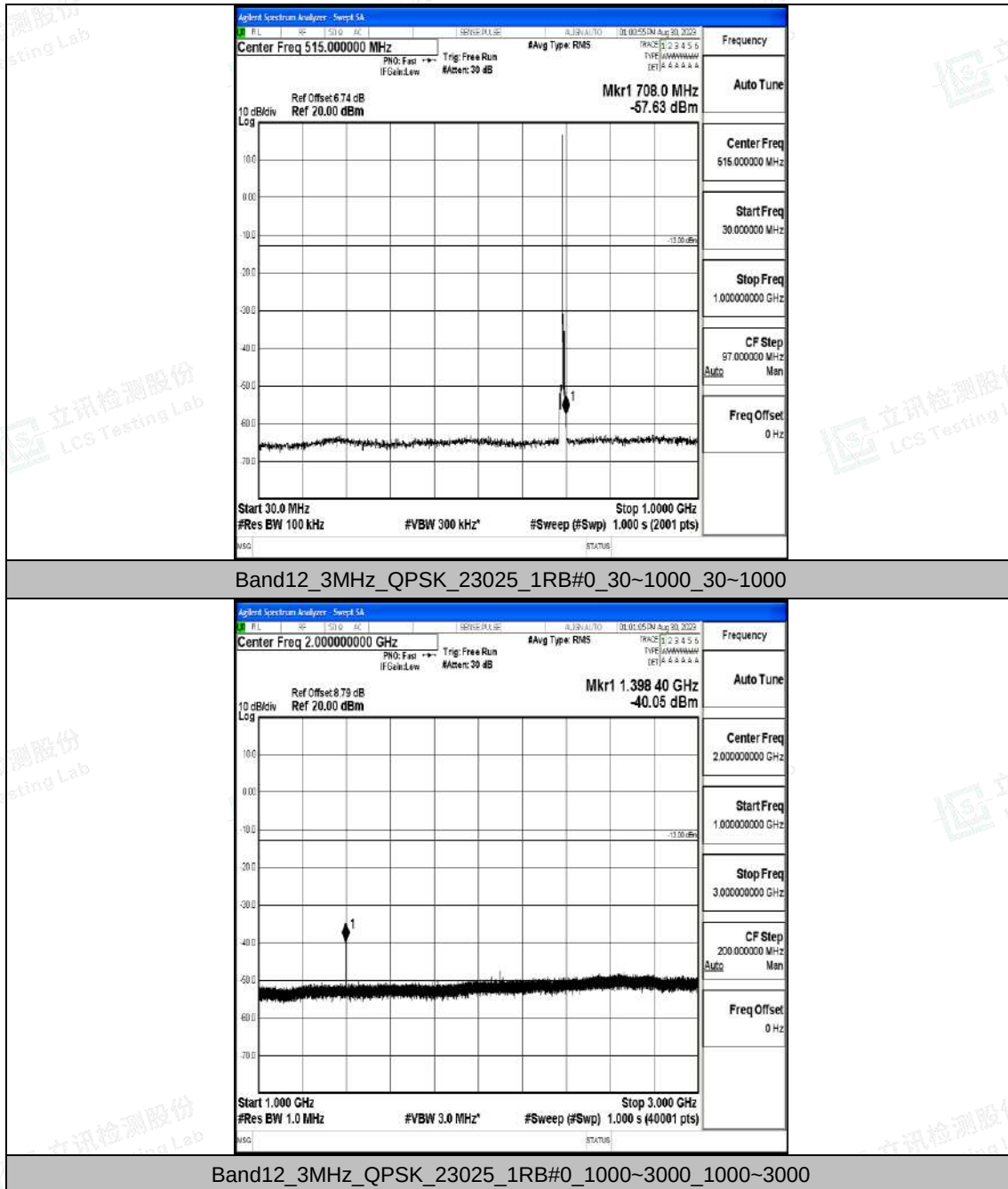


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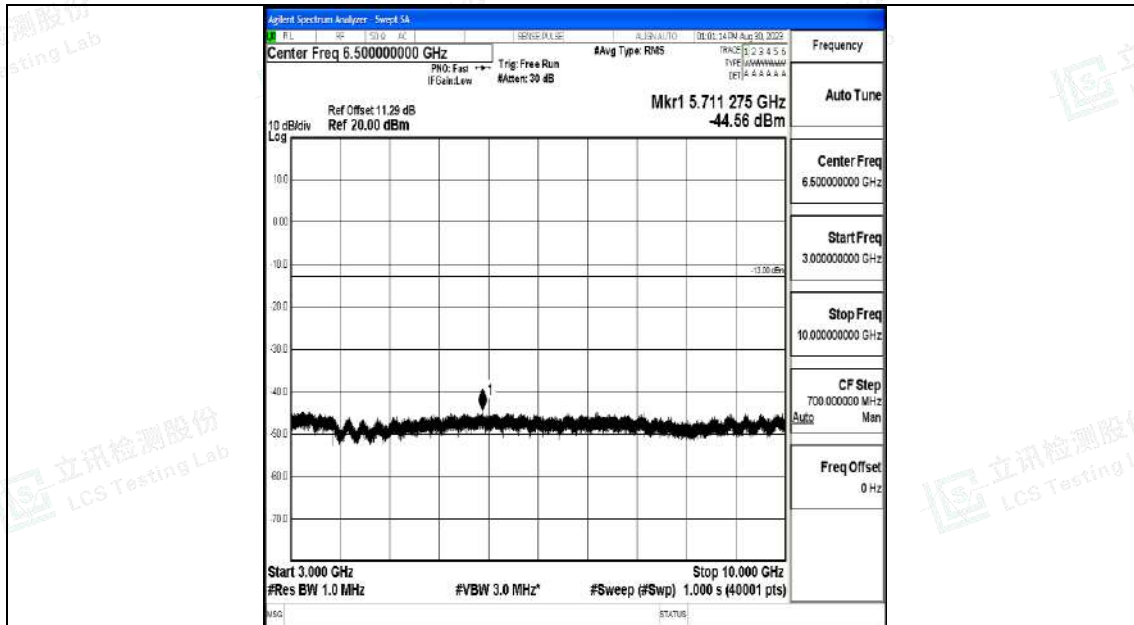


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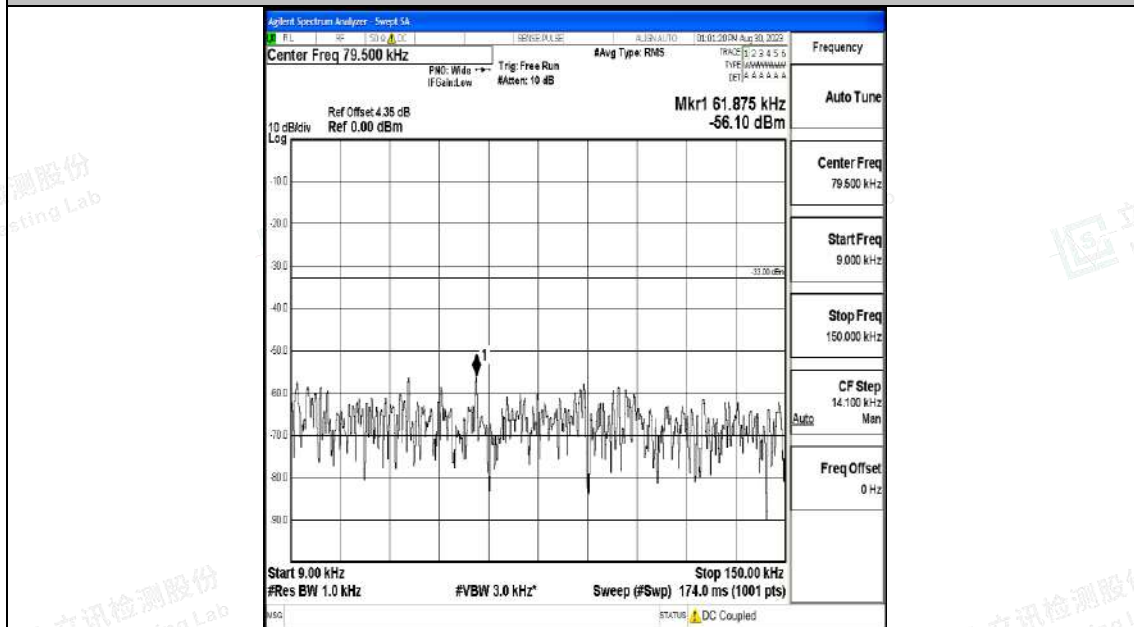
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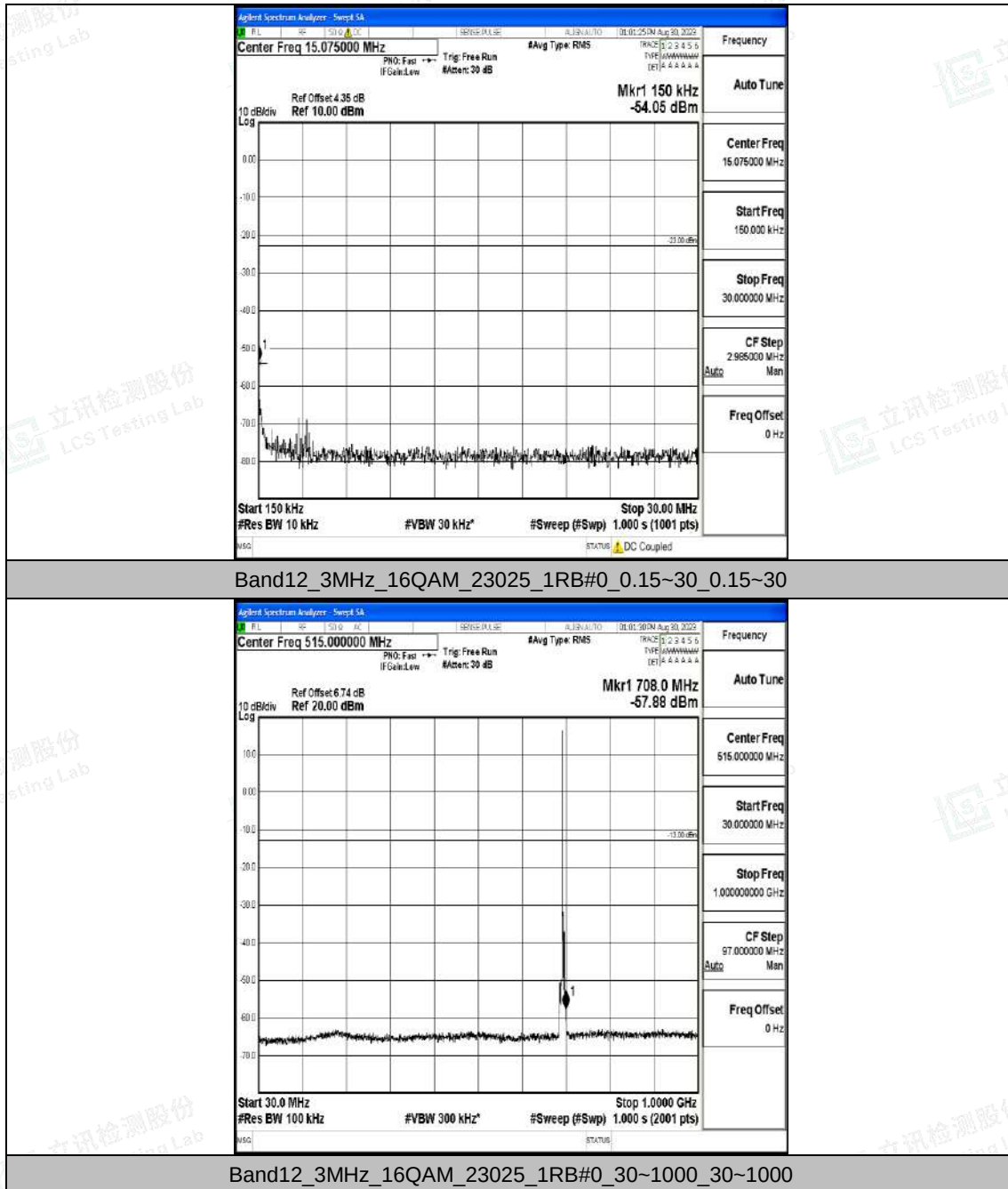


Band12_3MHz_QPSK_23025_1RB#0_3000~10000_3000~10000



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



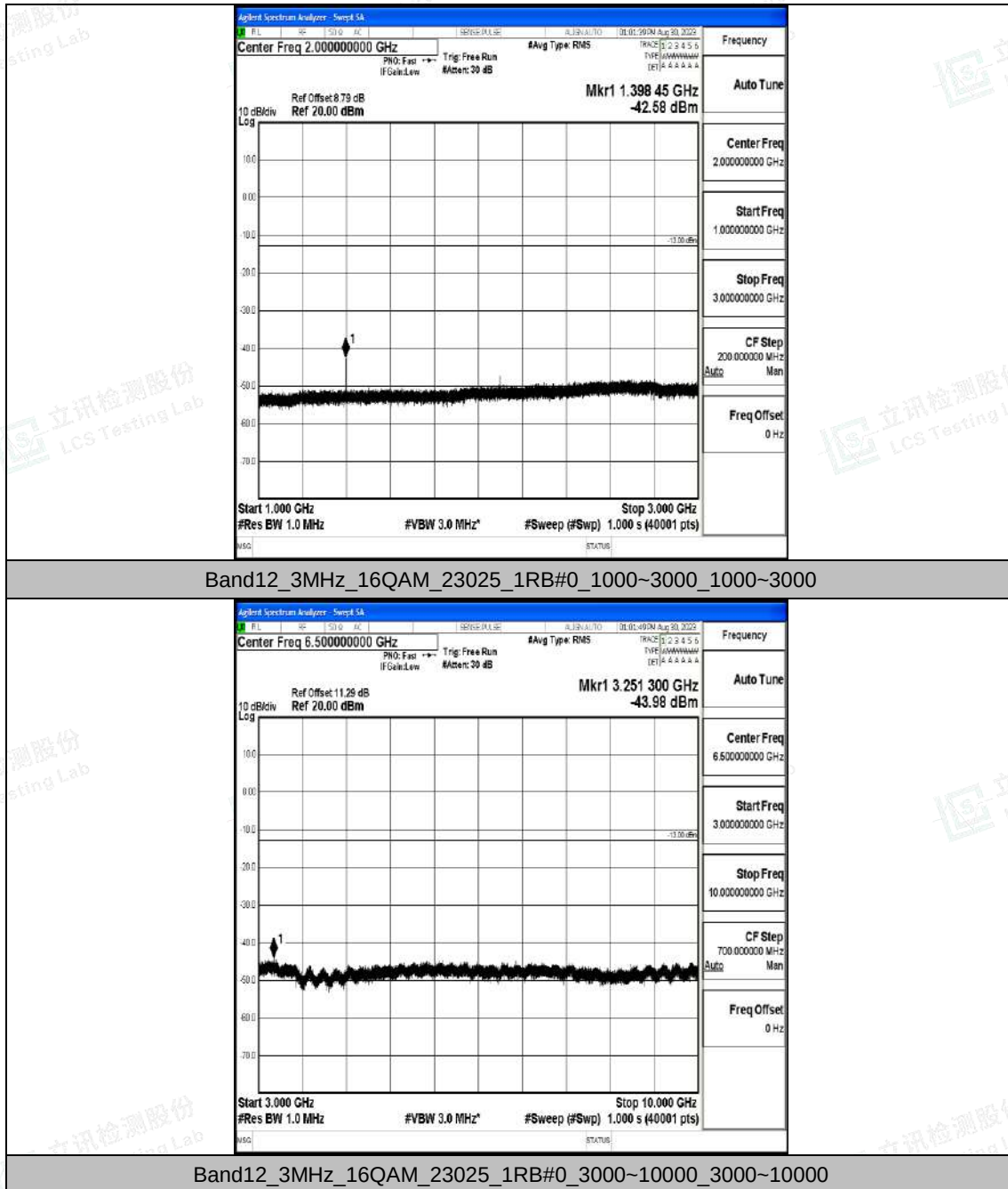


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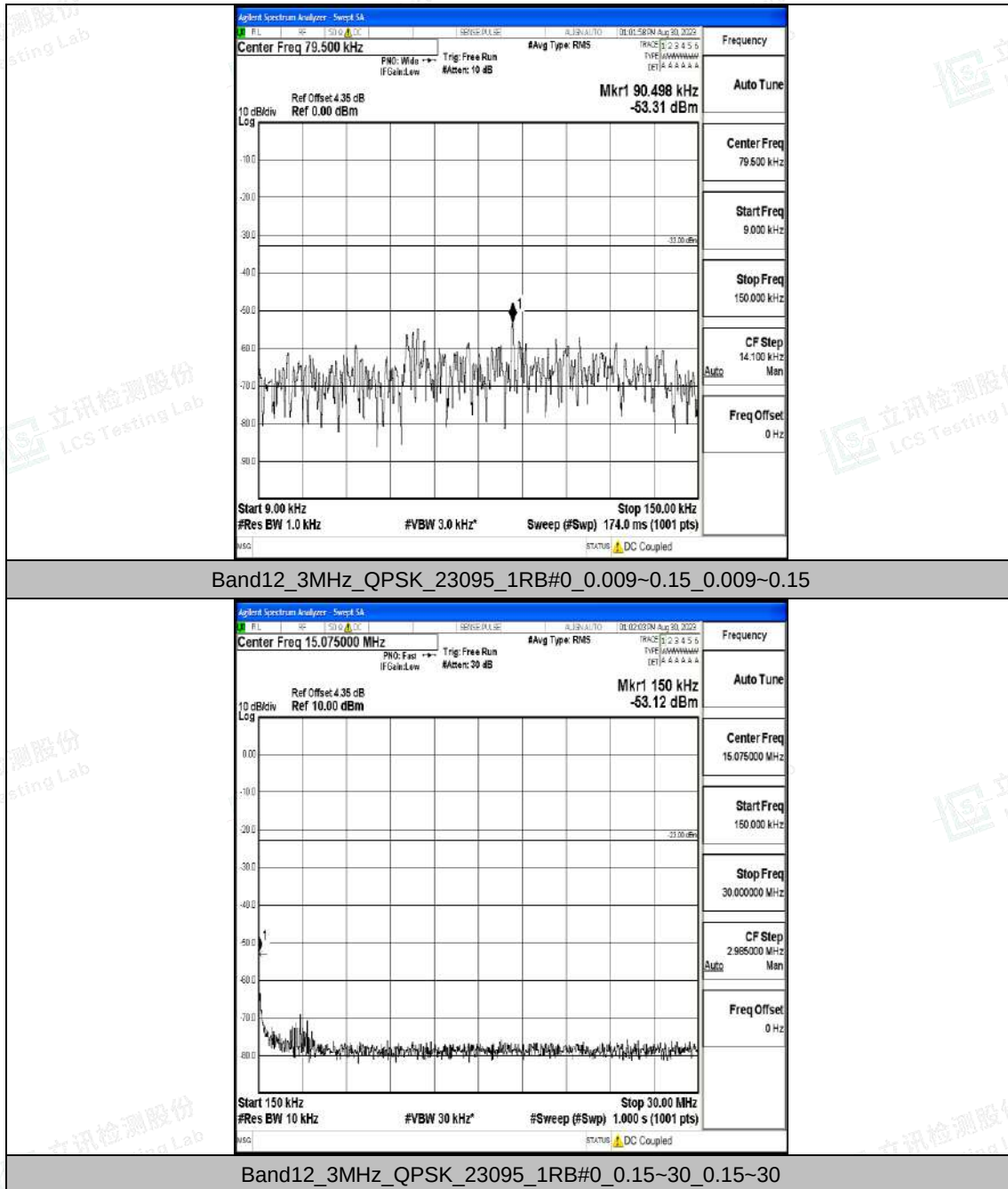


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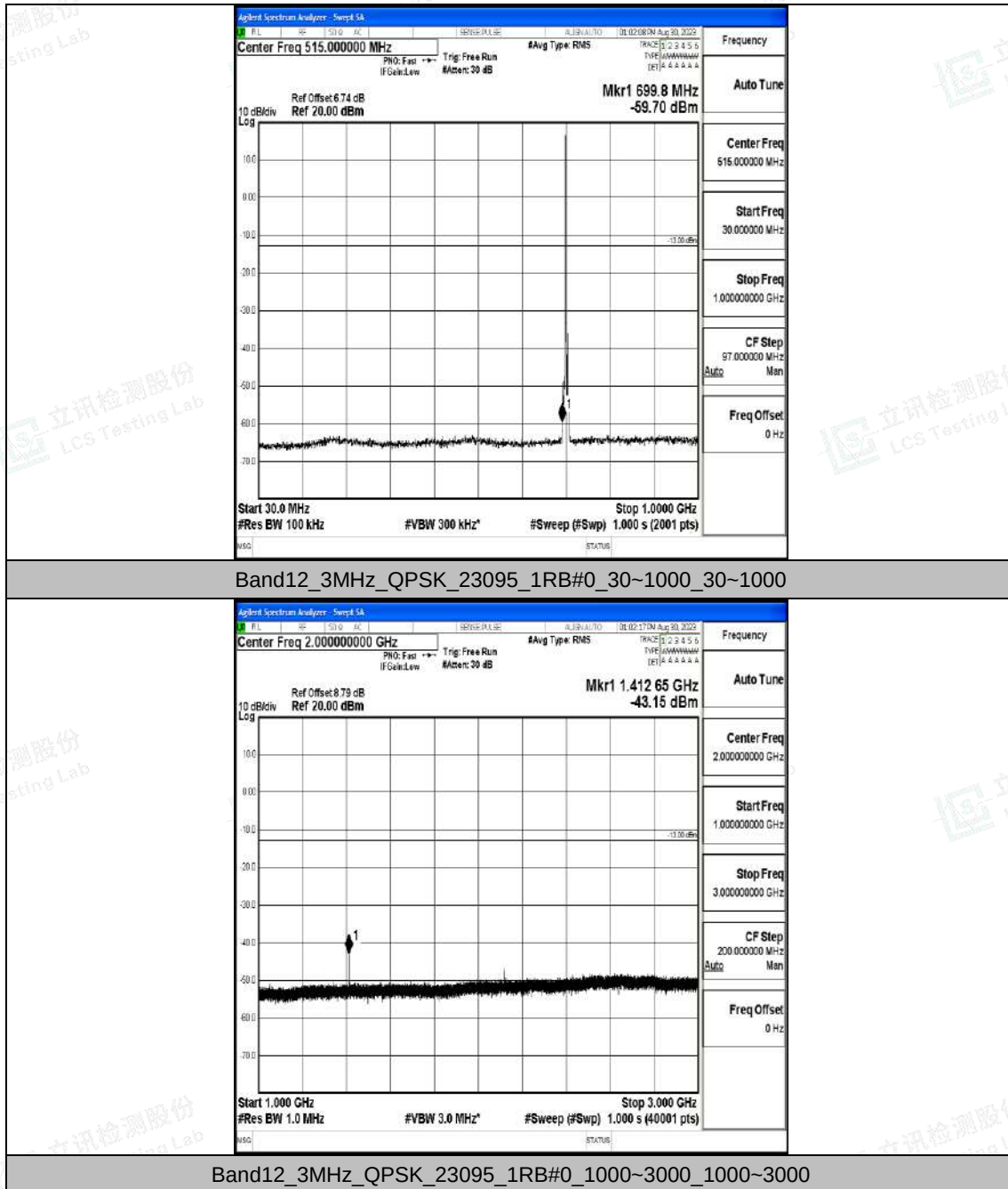


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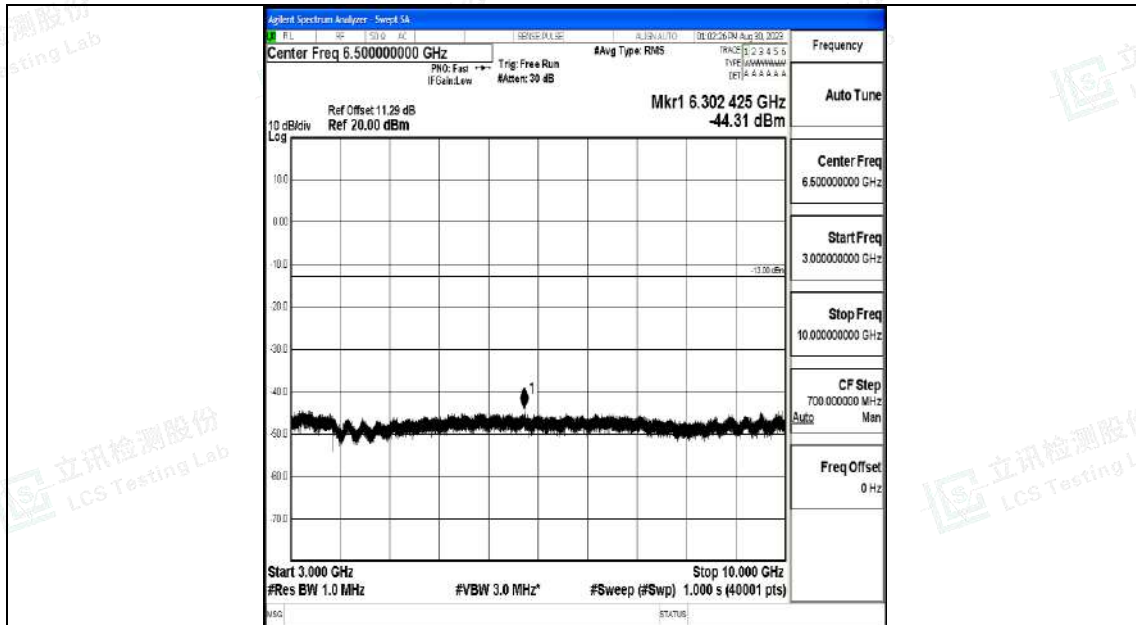


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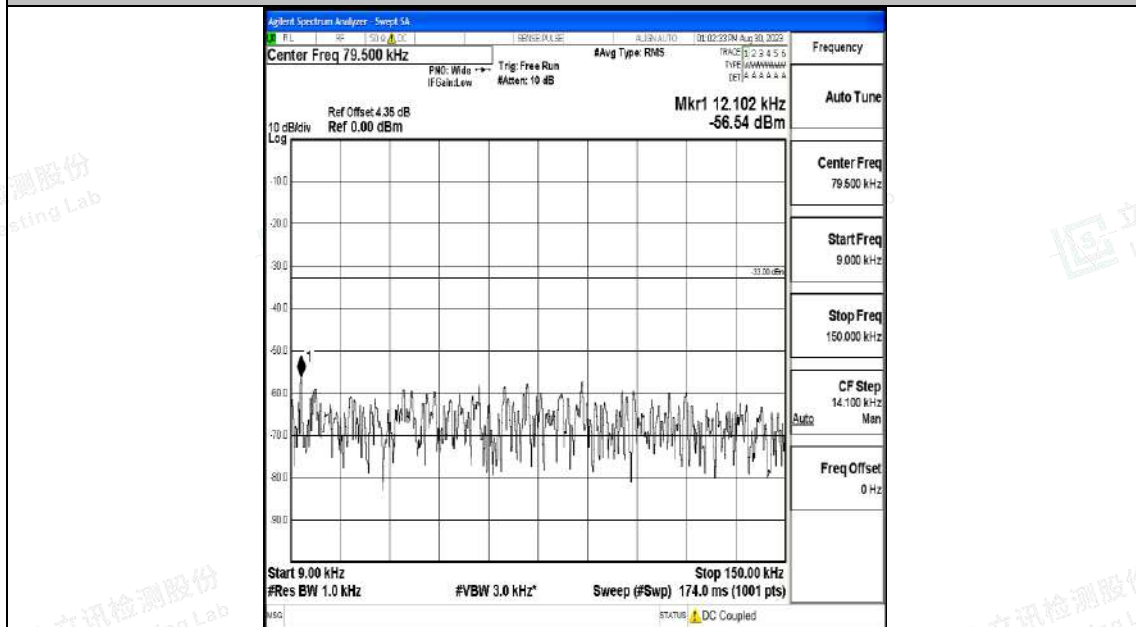
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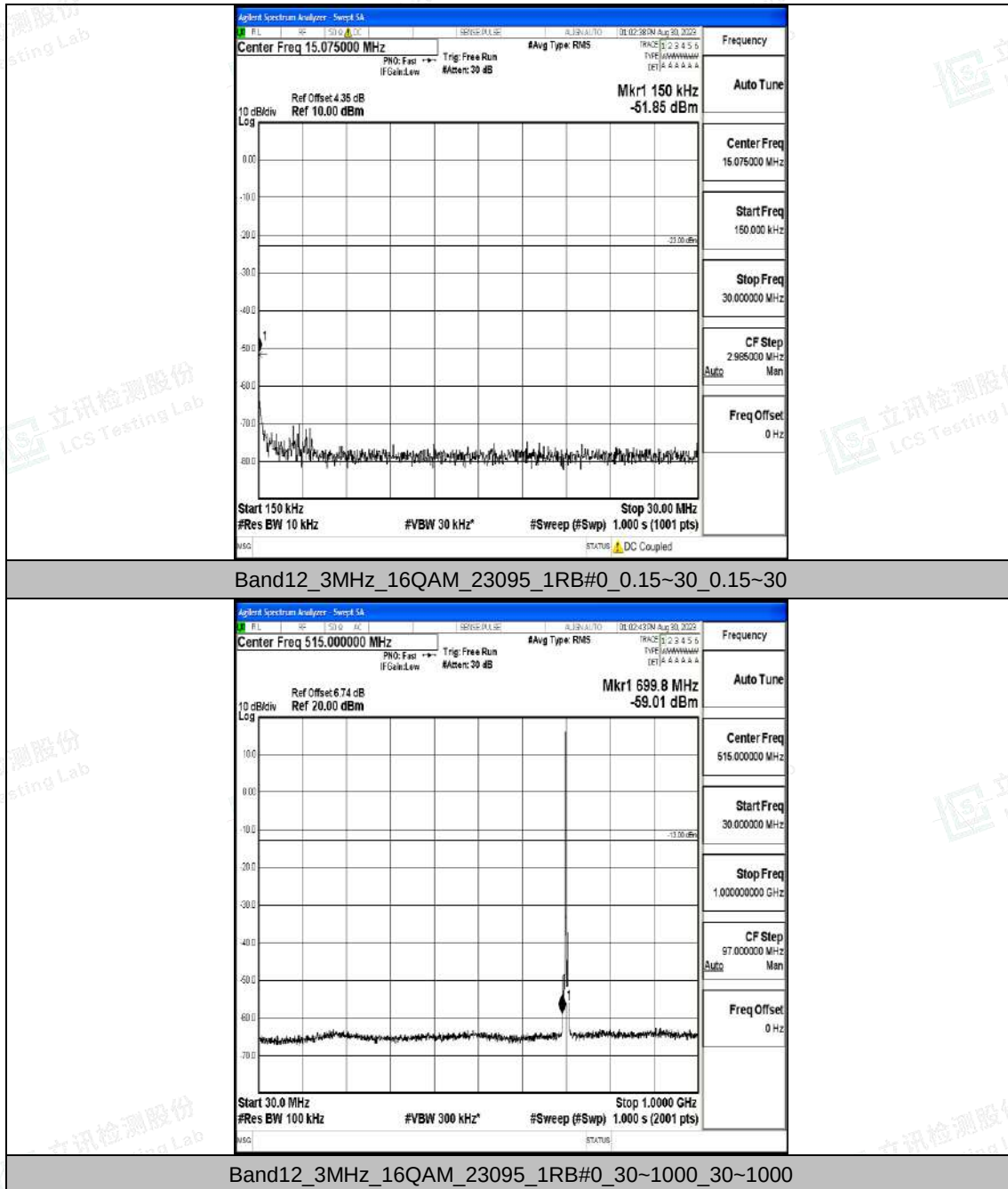


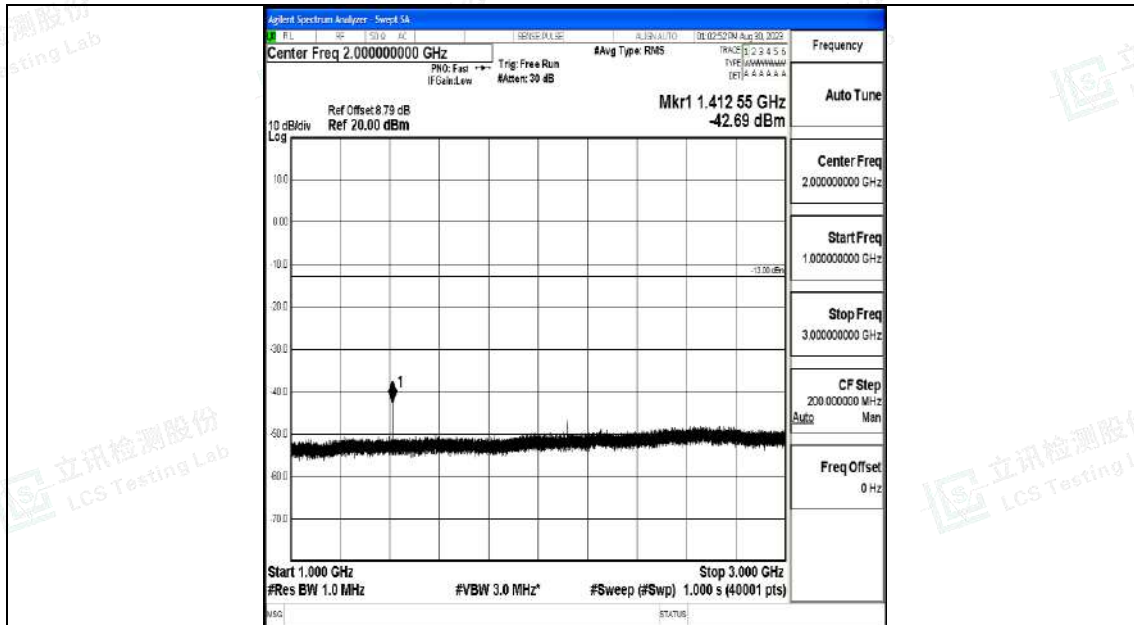
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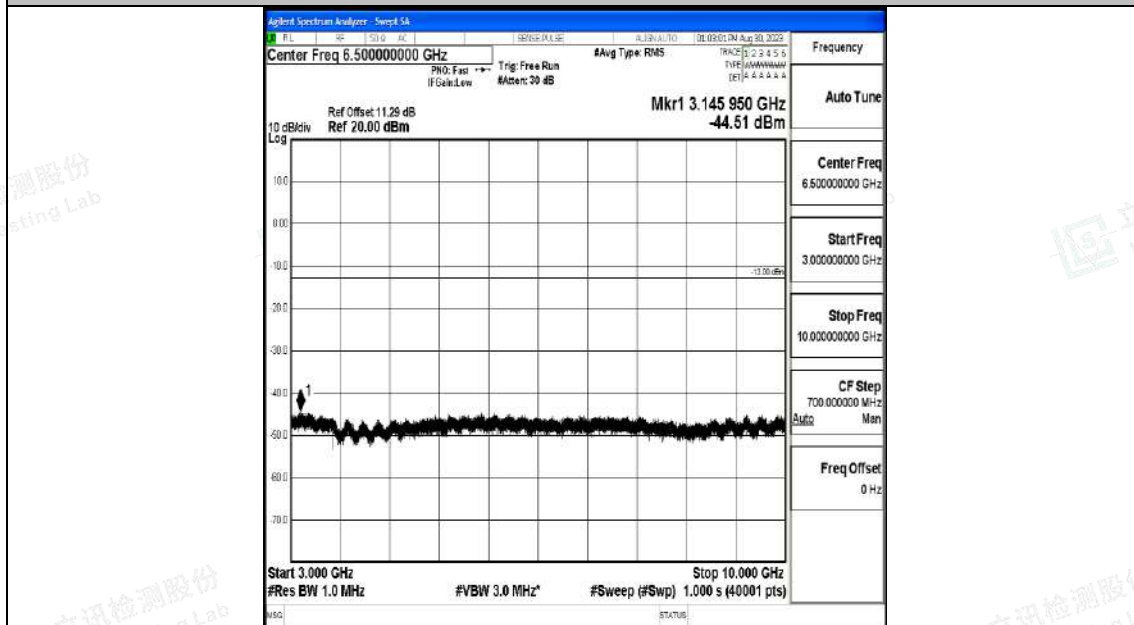
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Band12_3MHz_16QAM_23095_1RB#0_3000~10000_3000~10000

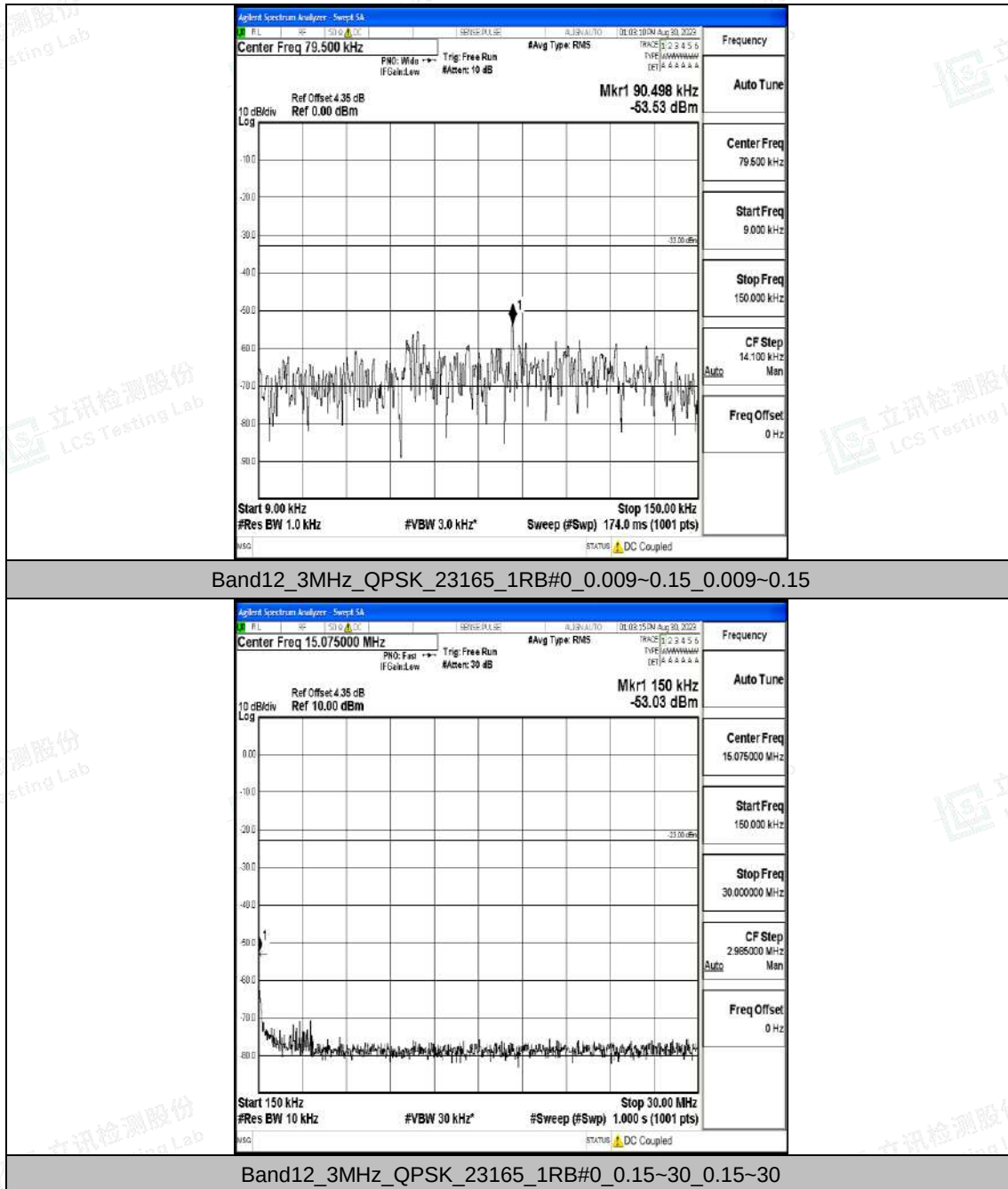


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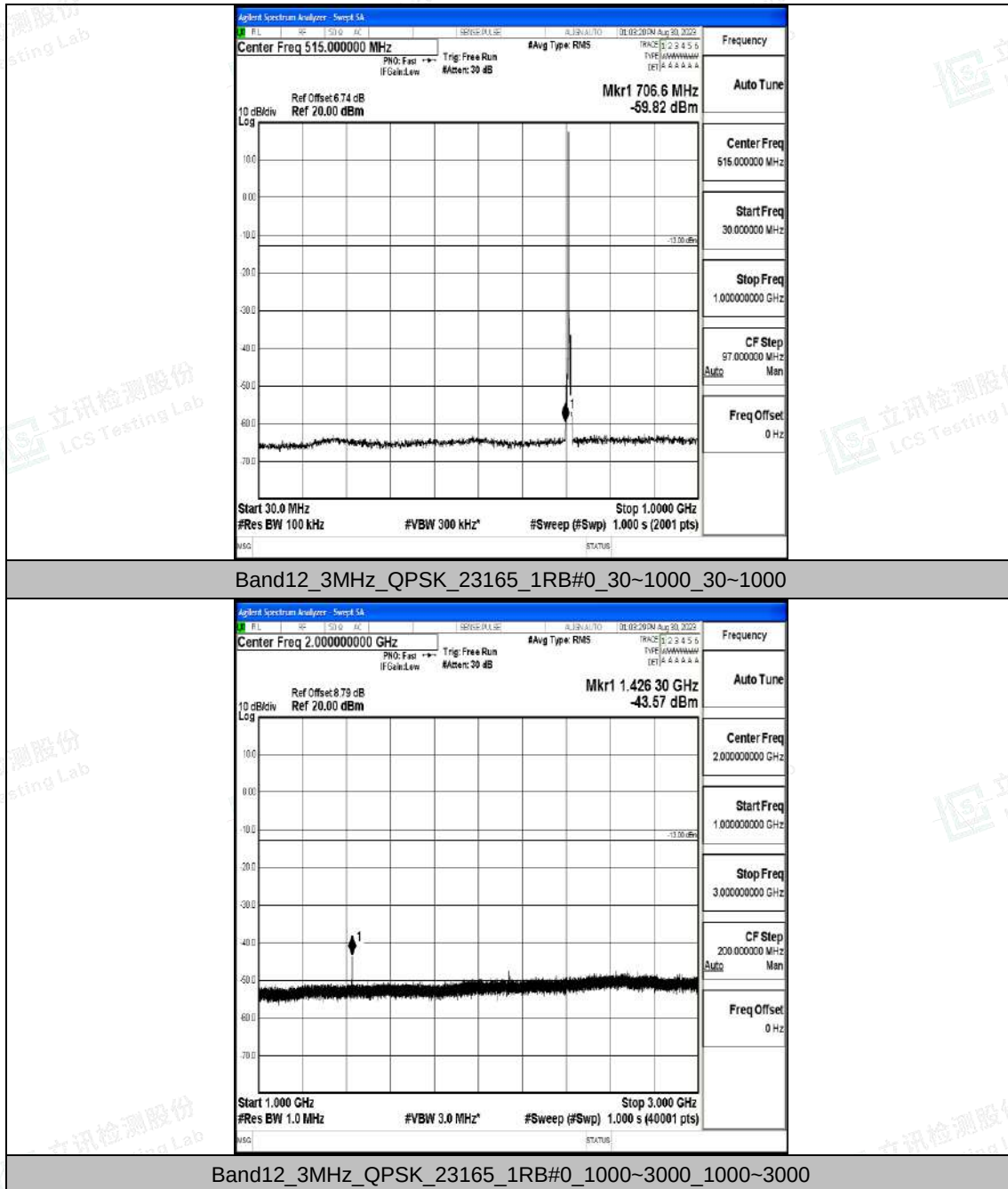


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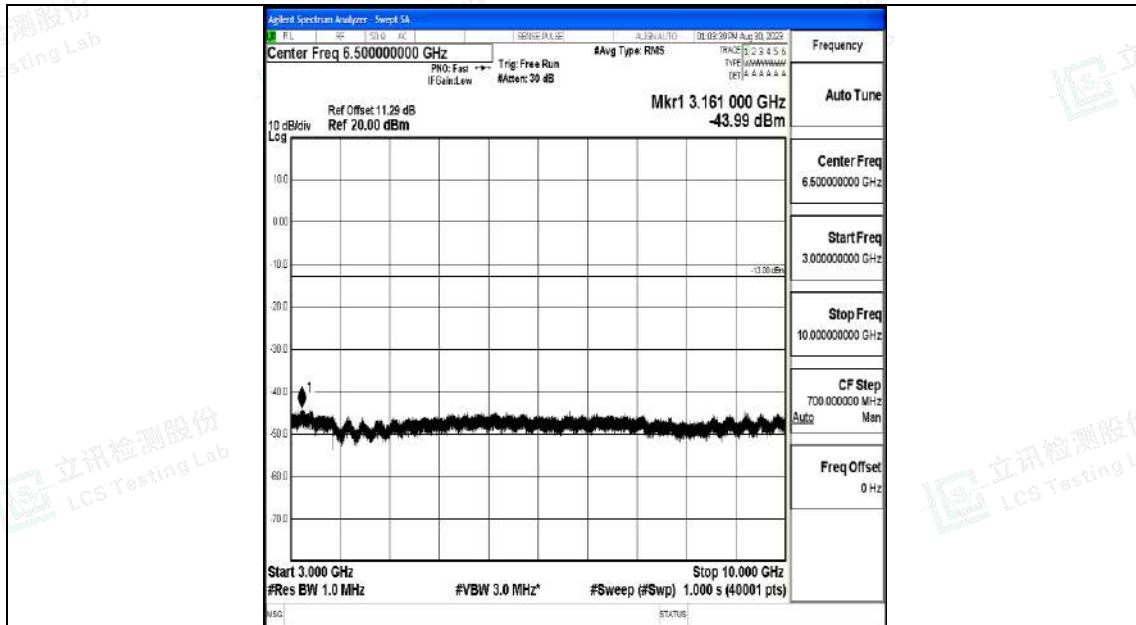


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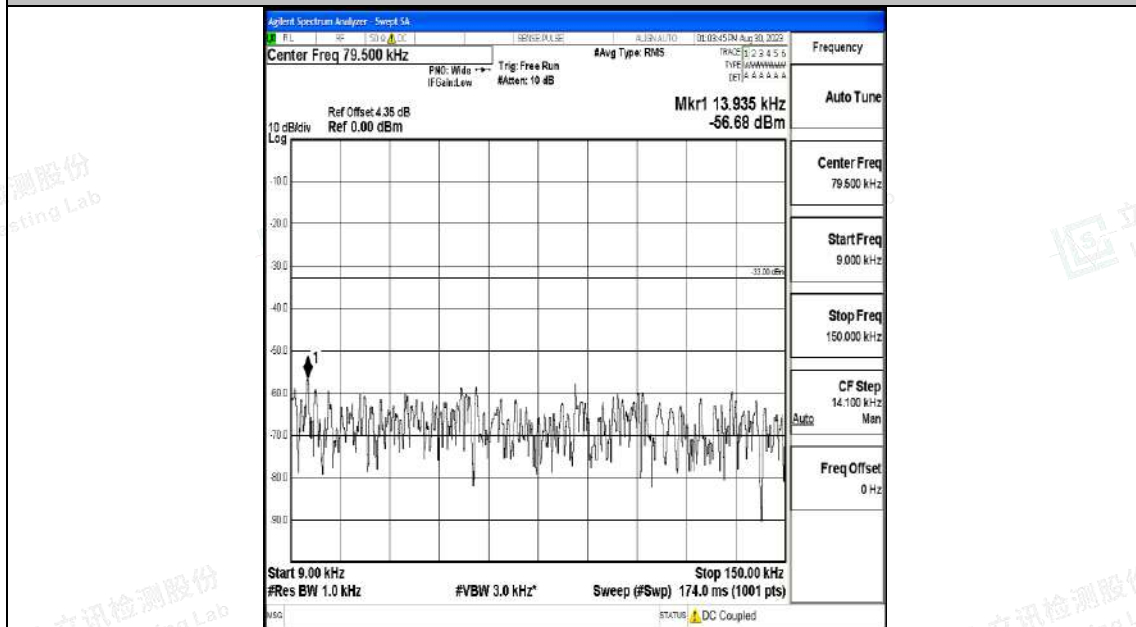
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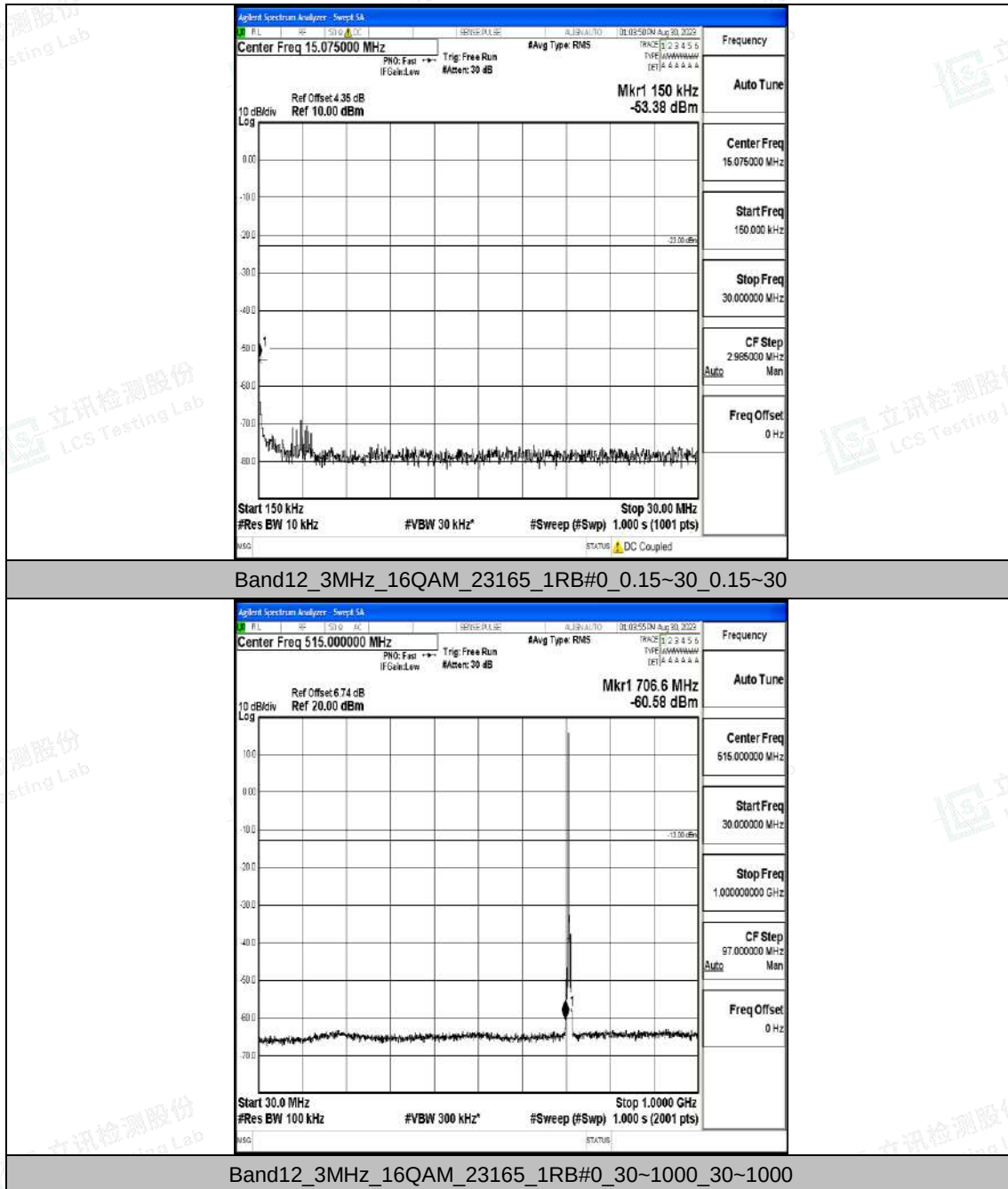


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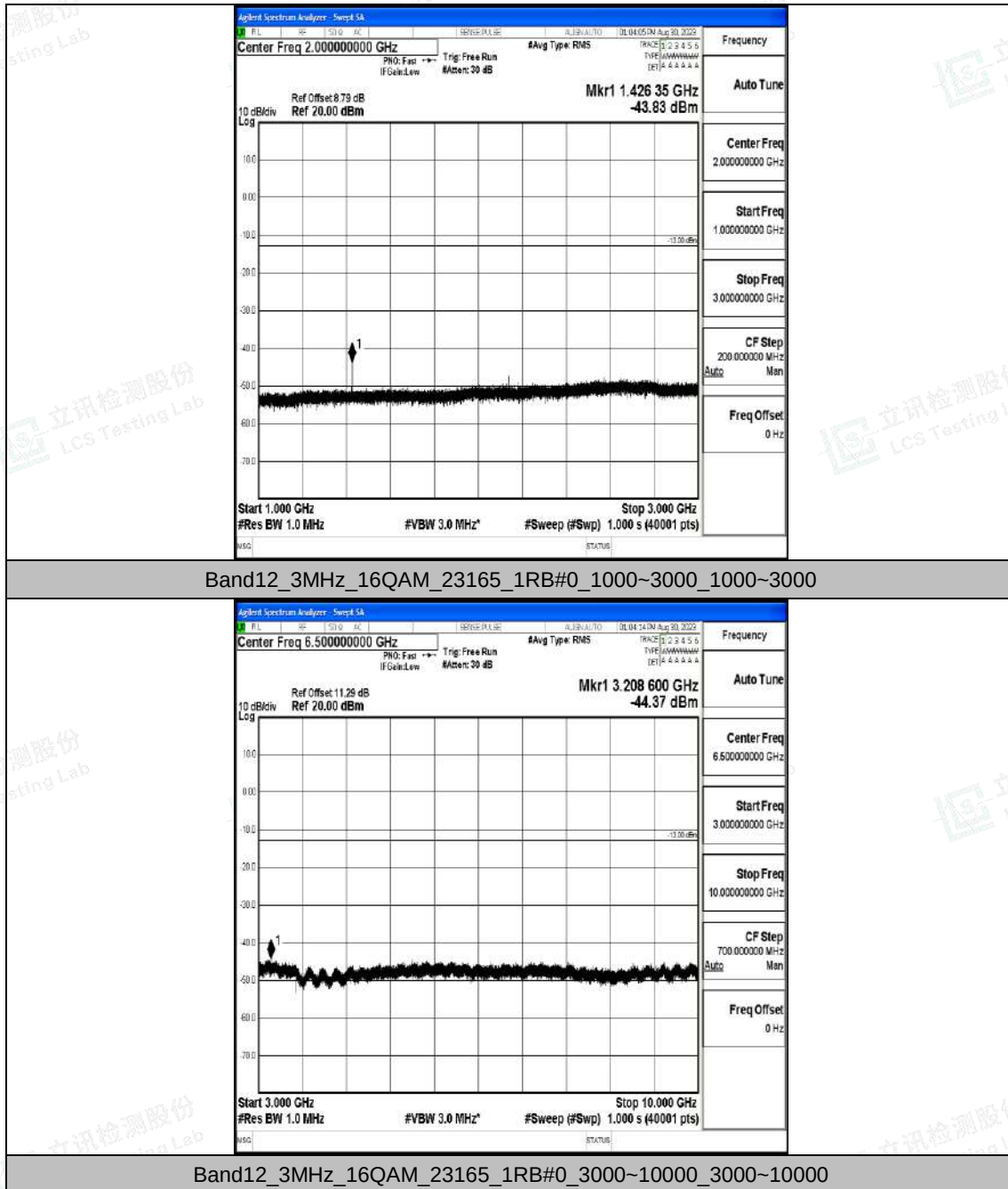


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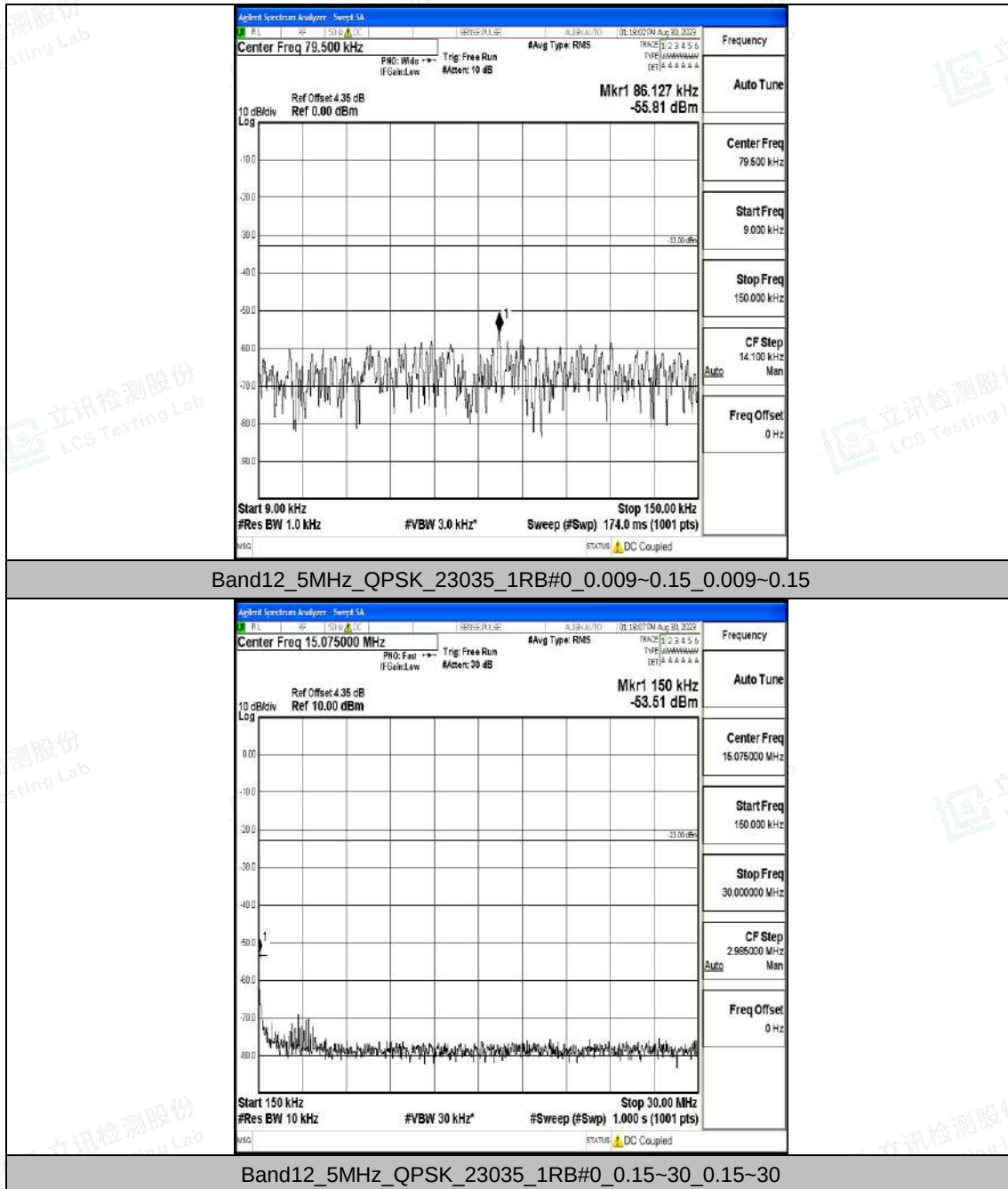


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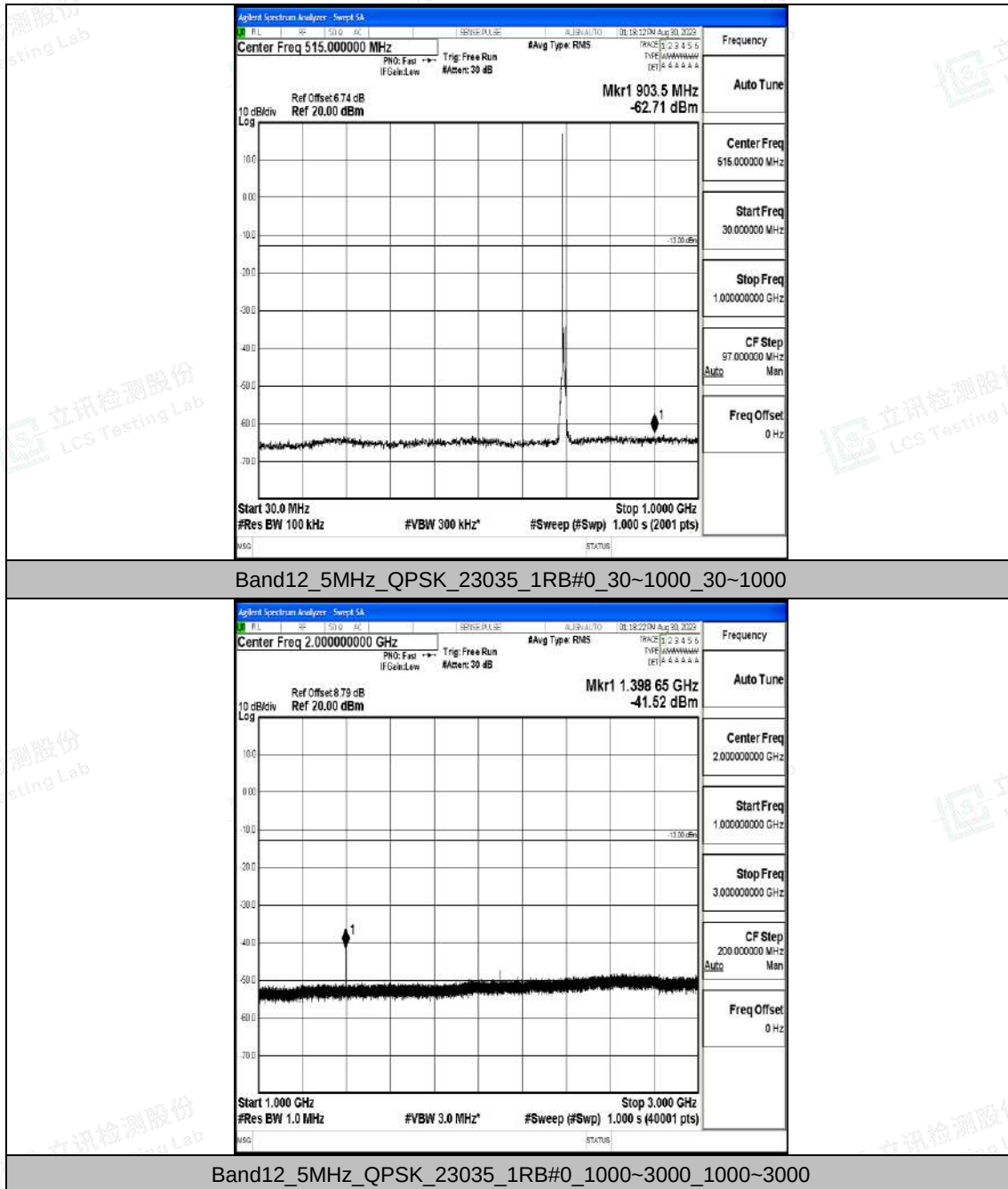


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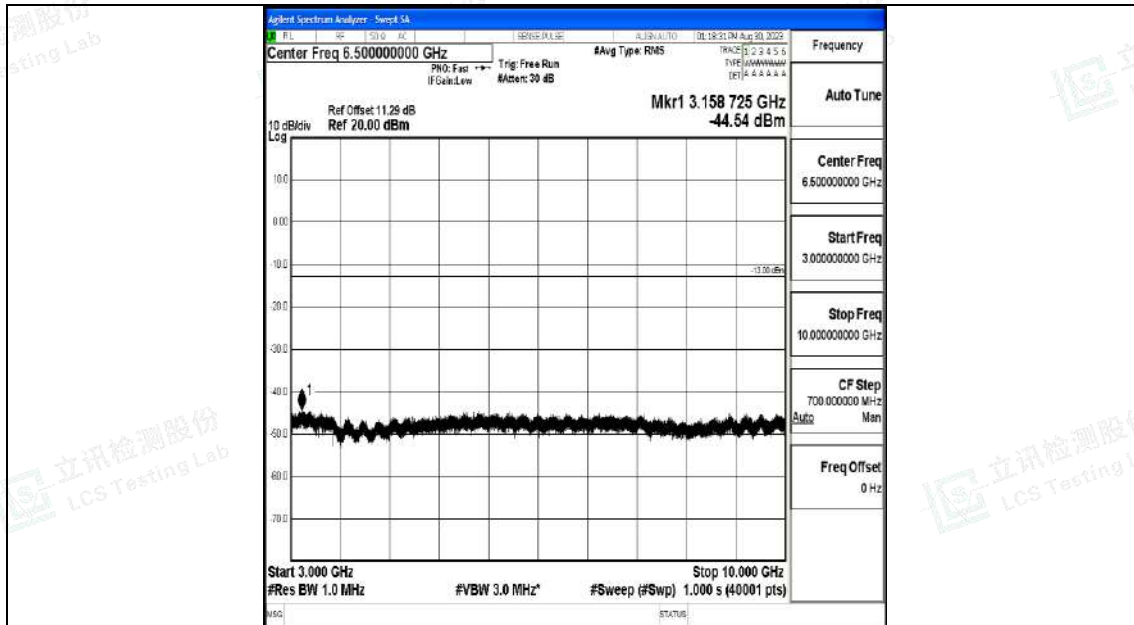


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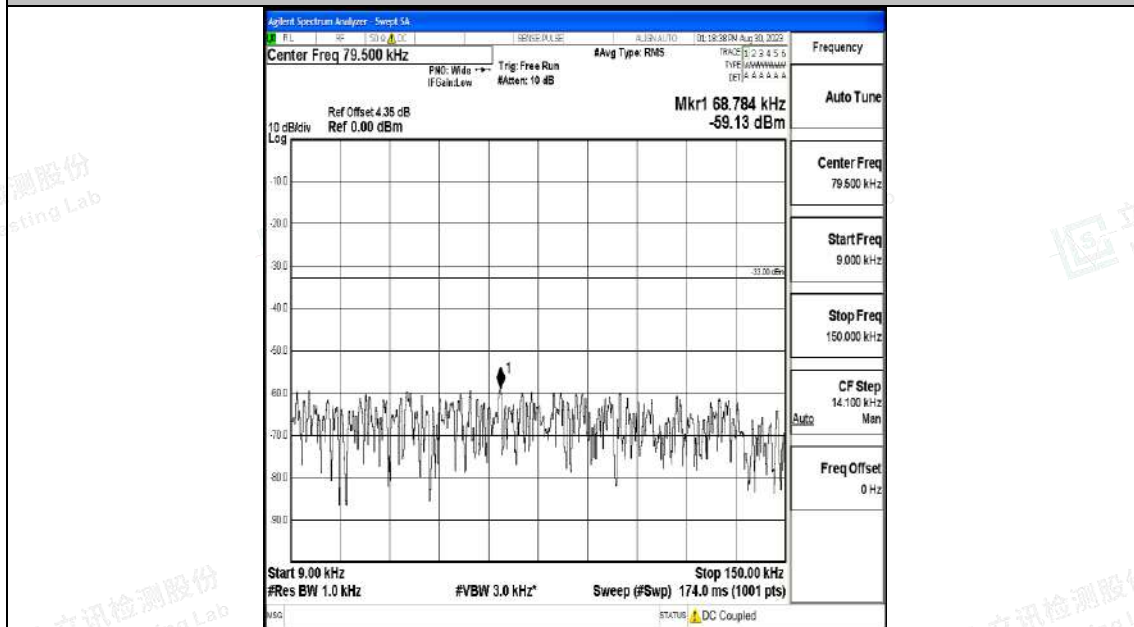
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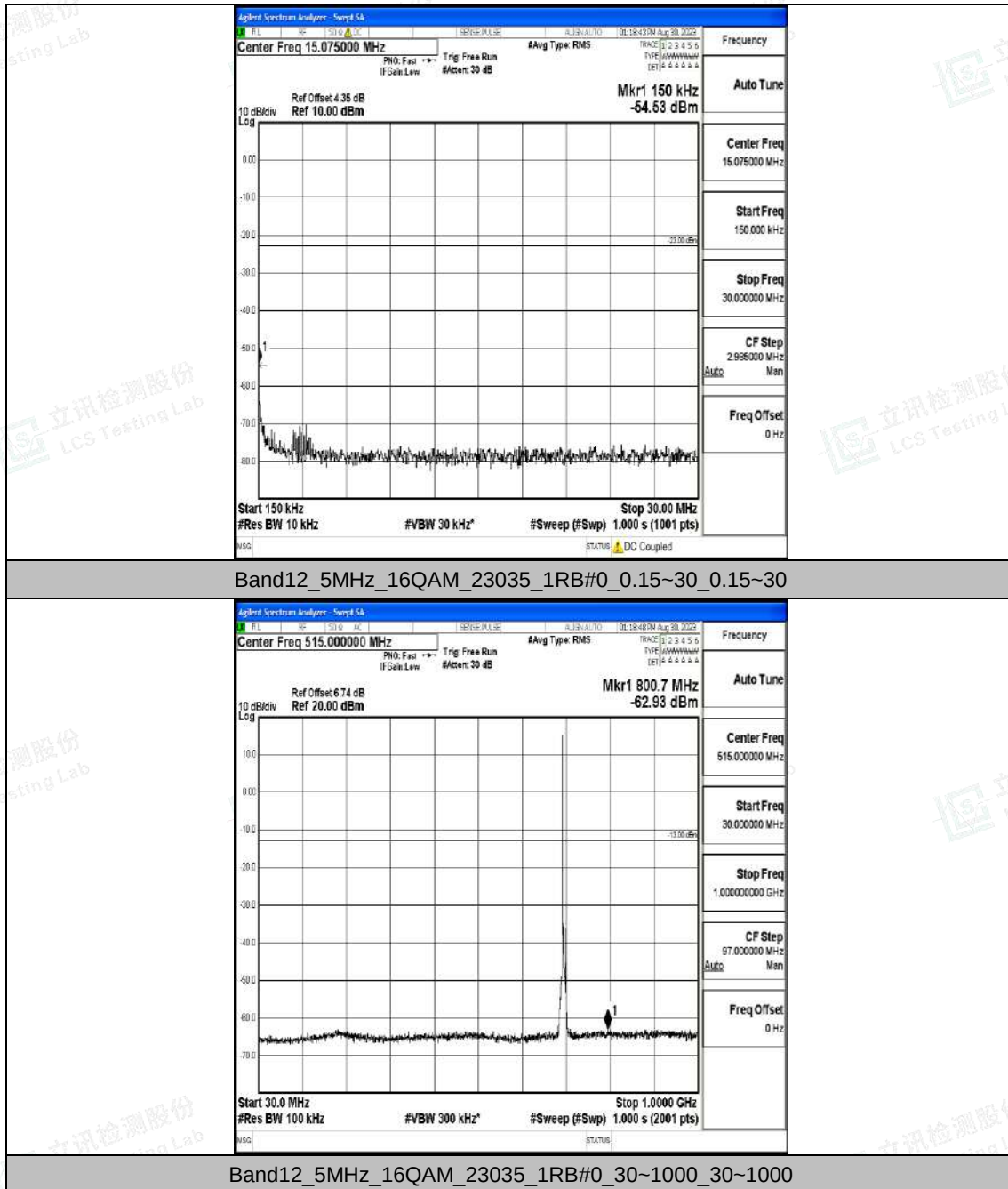


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Band12_5MHz_16QAM_23035_1RB#0_0.009~0.15_0.009~0.15



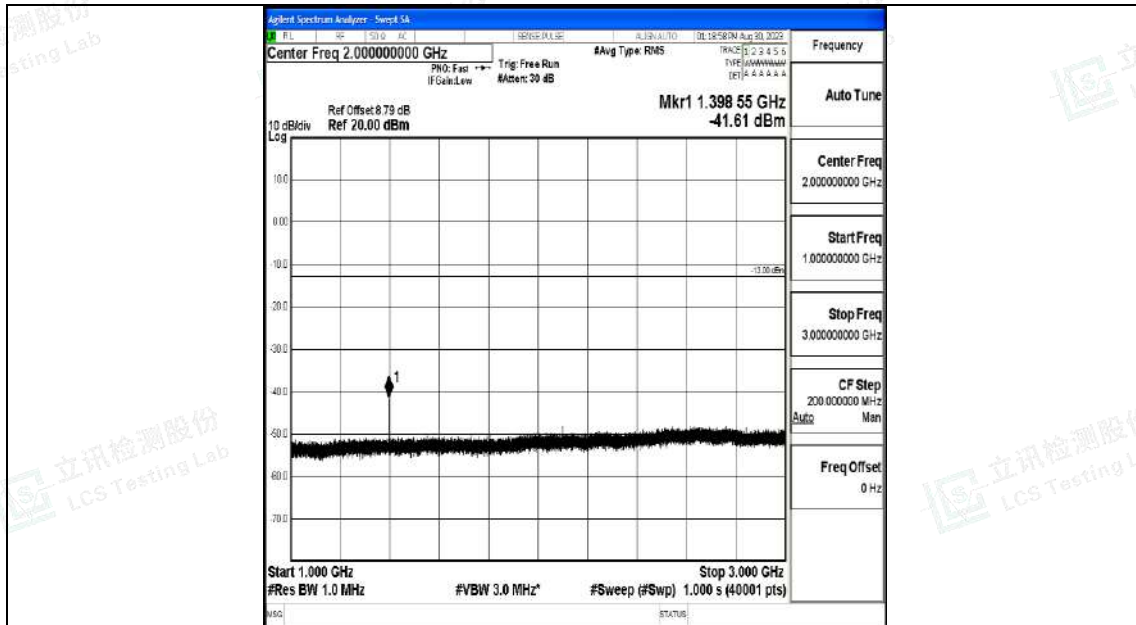


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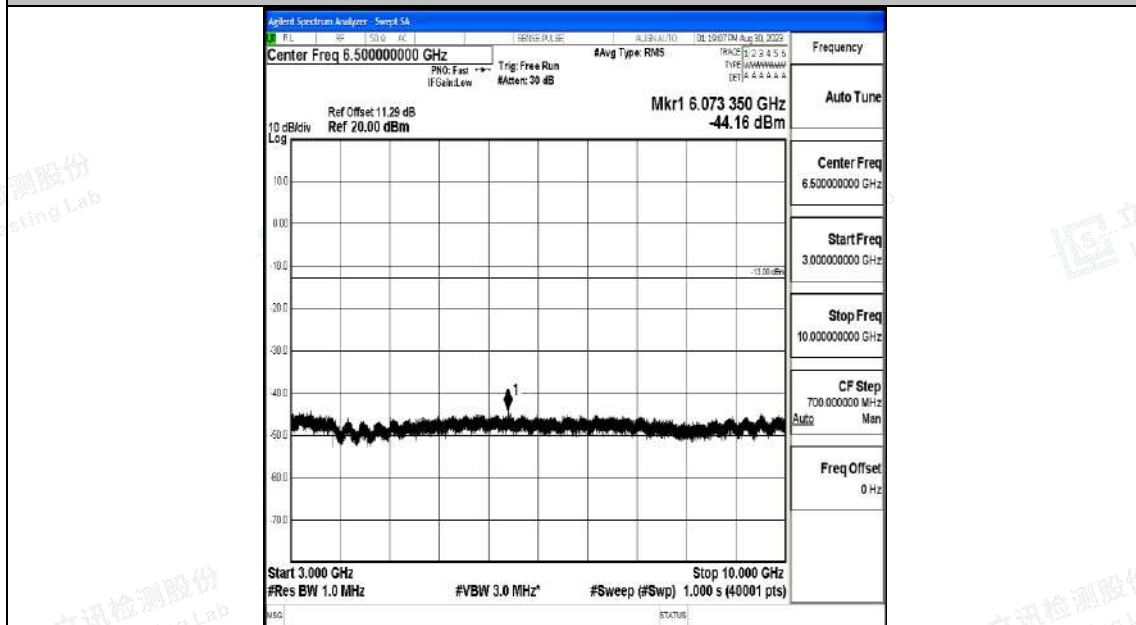
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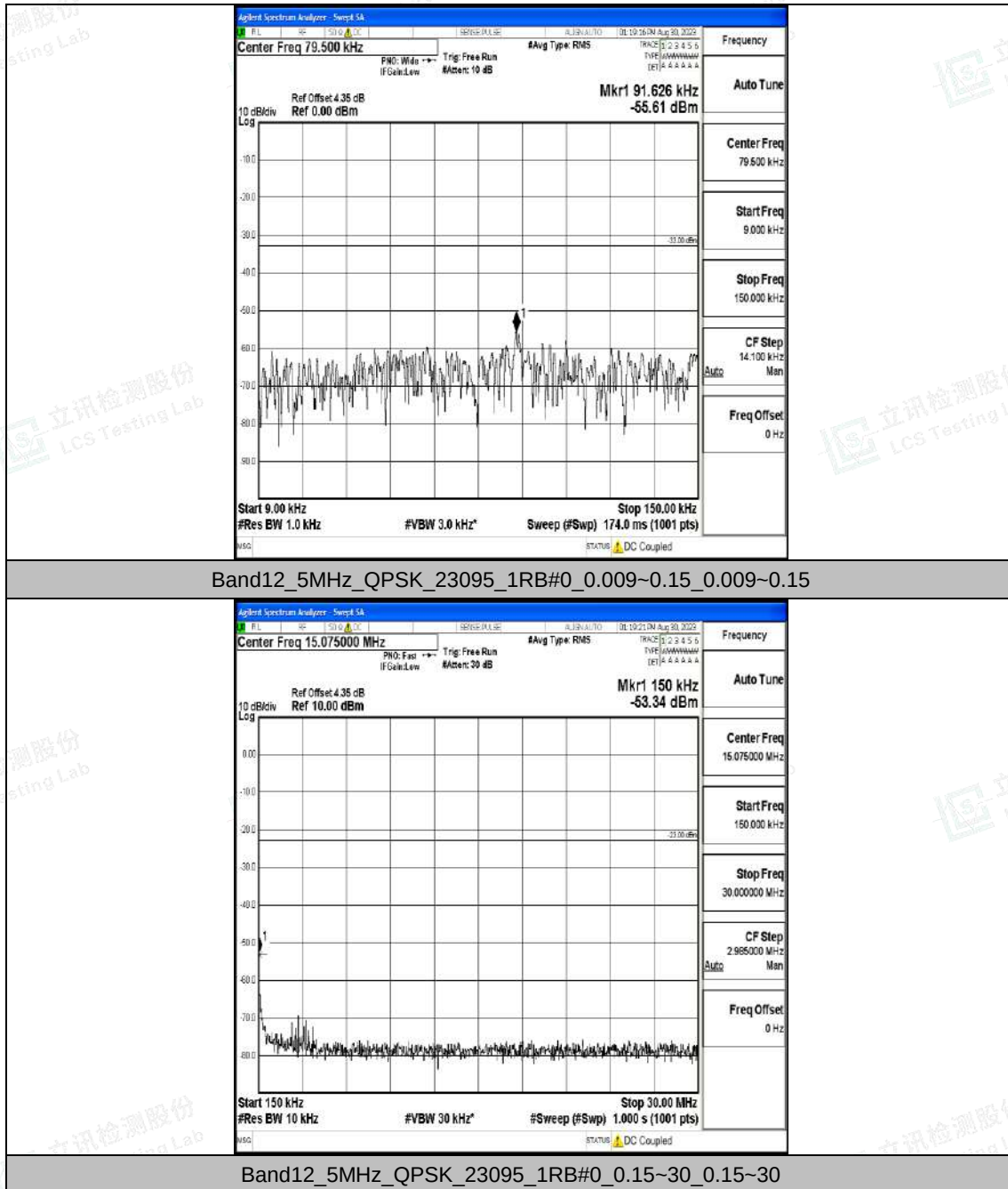


Band12_5MHz_16QAM_23035_1RB#0_1000~3000_1000~3000



Band12_5MHz_16QAM_23035_1RB#0_3000~10000_3000~10000



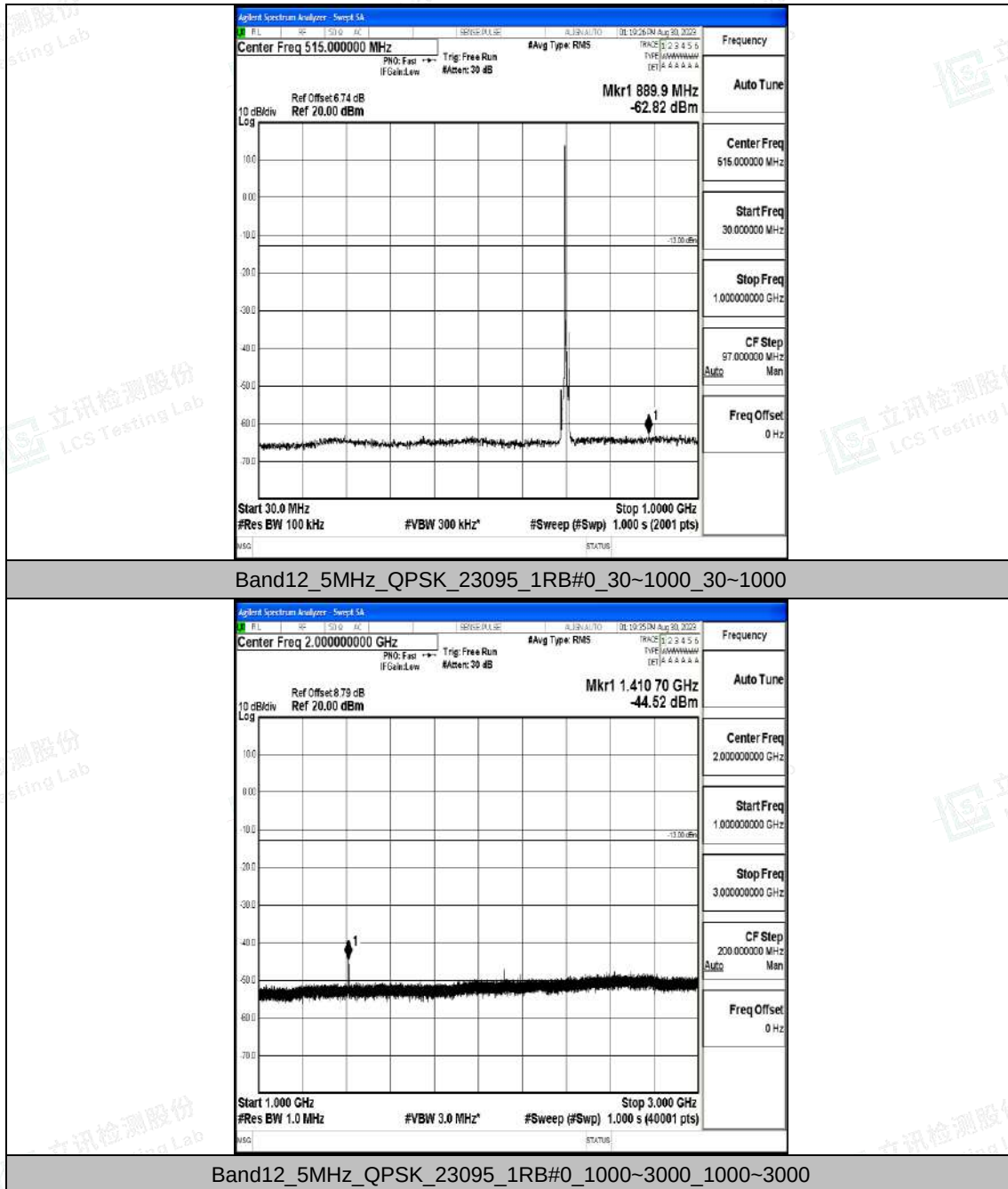


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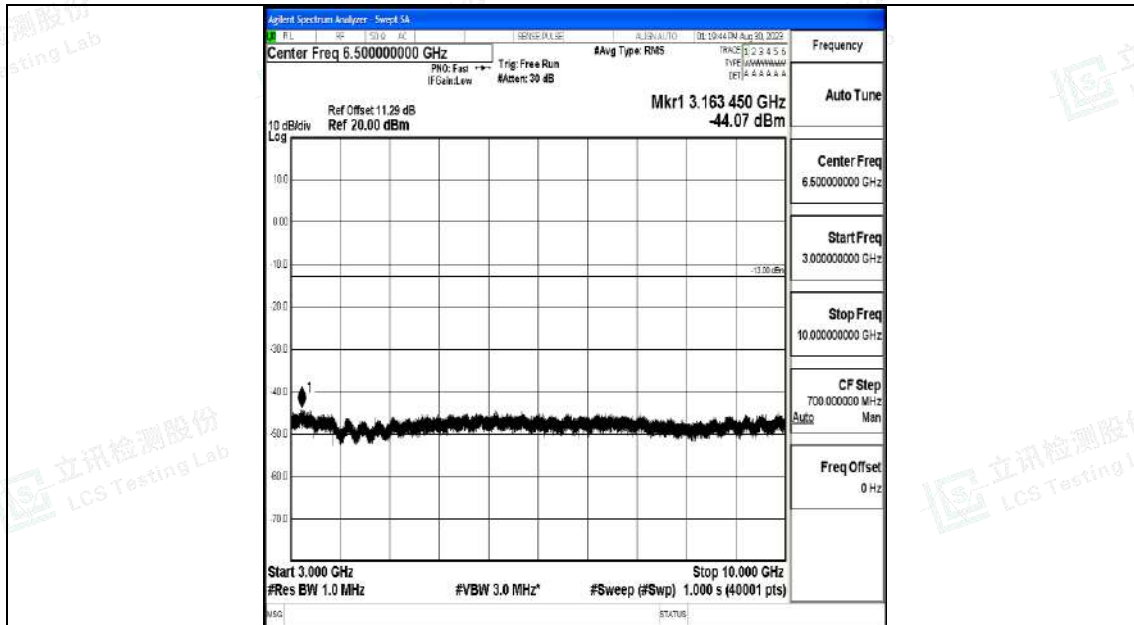


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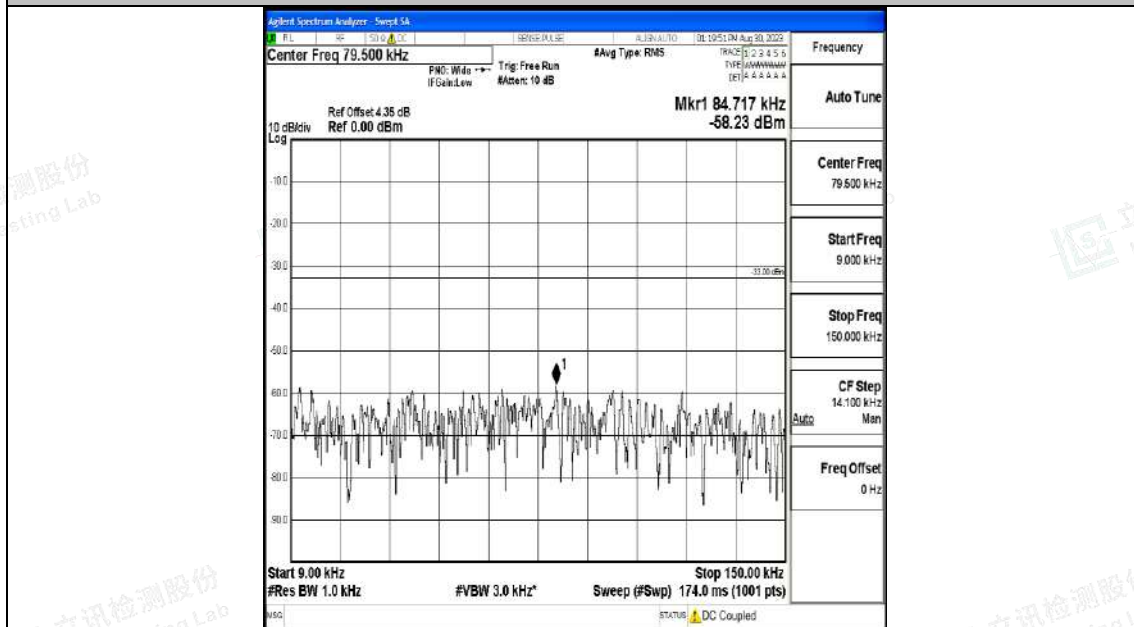
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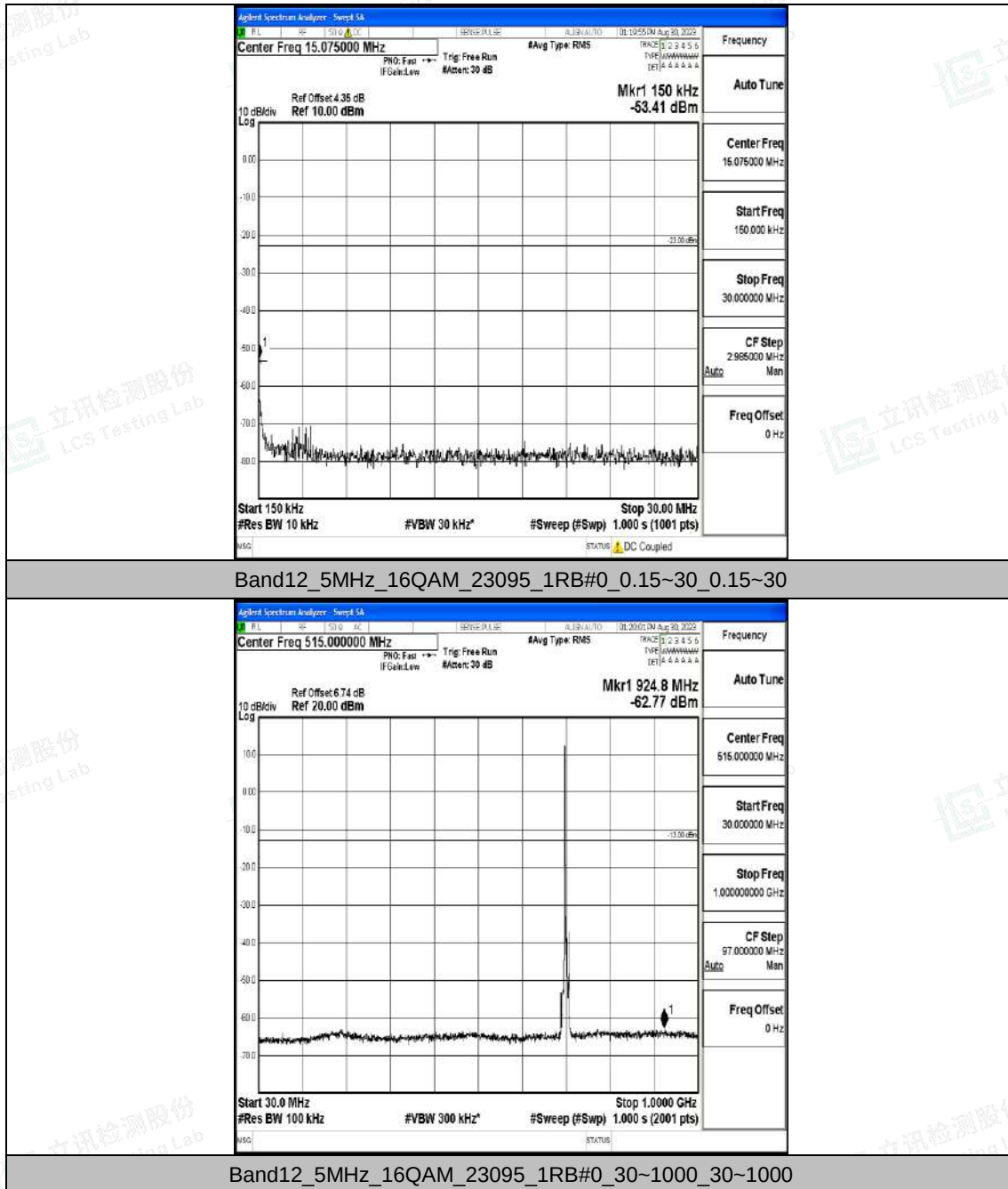


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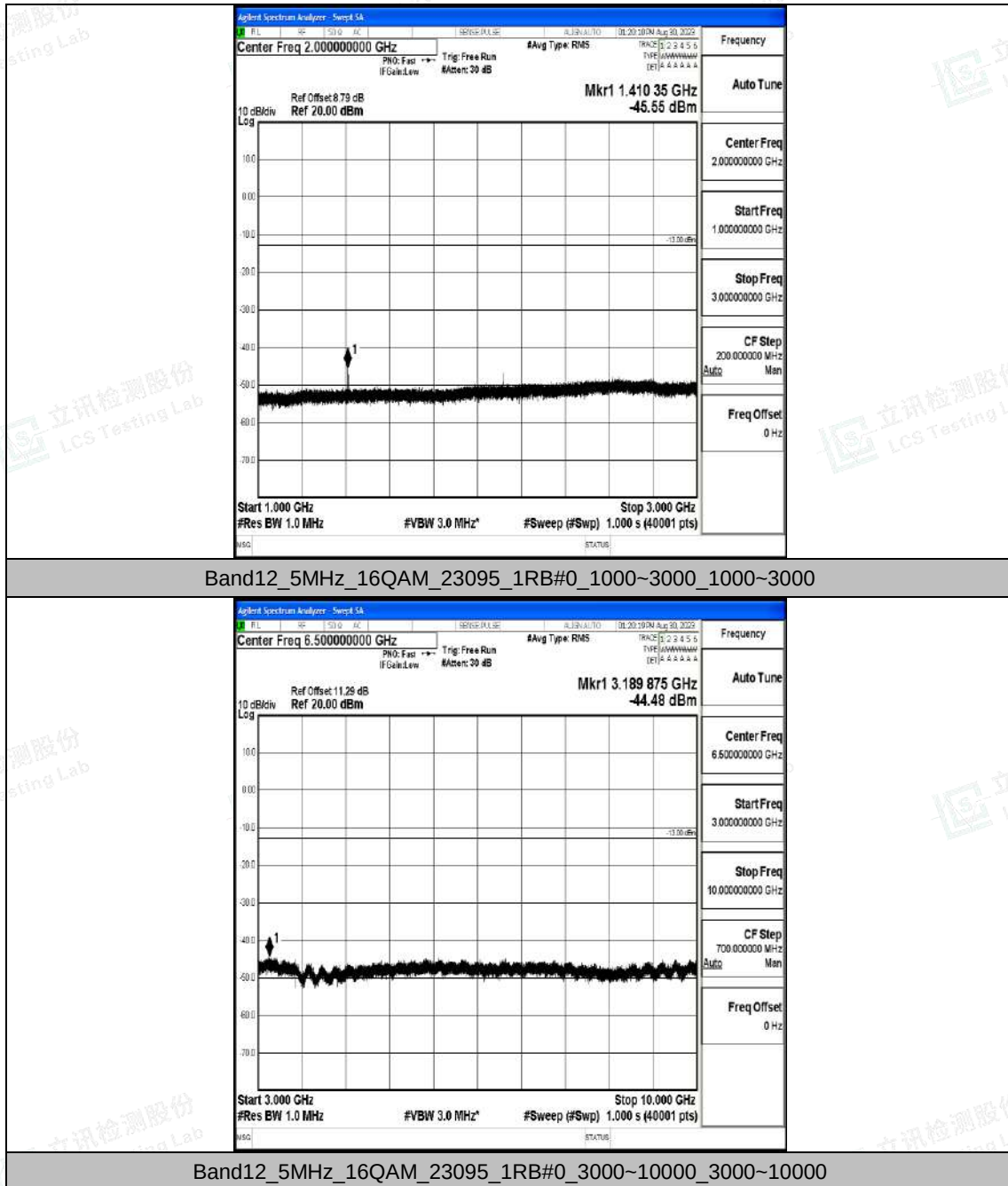


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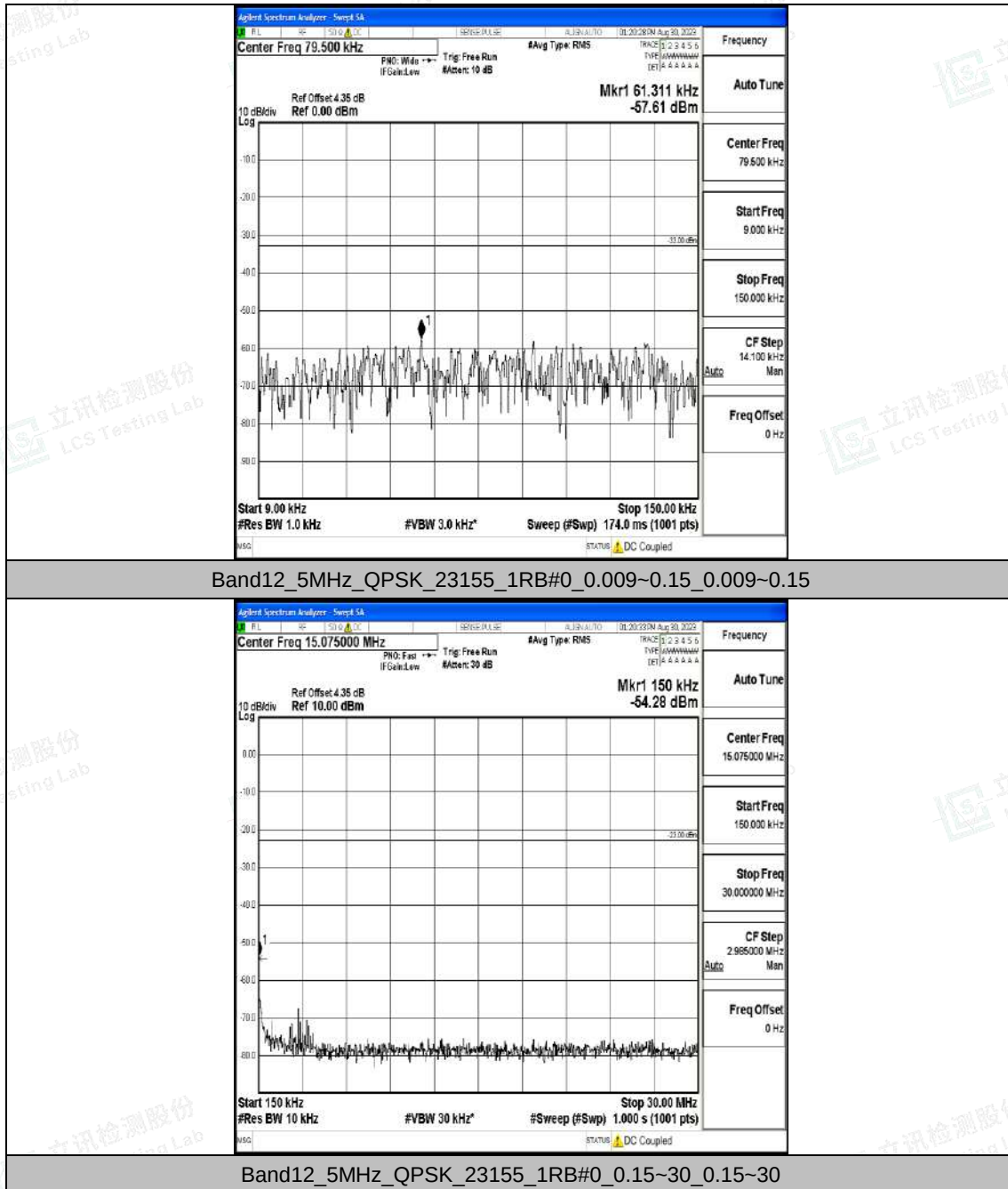


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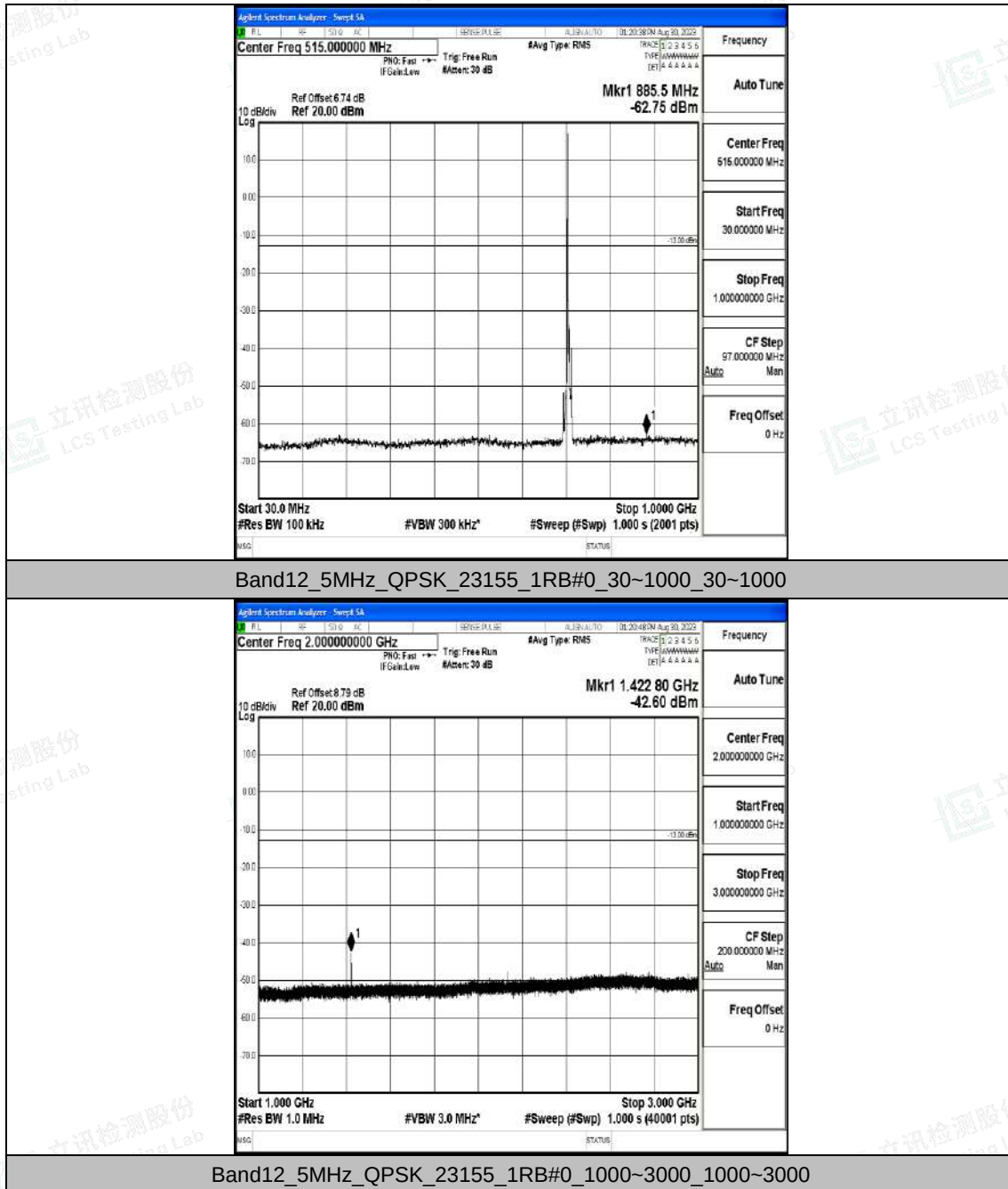


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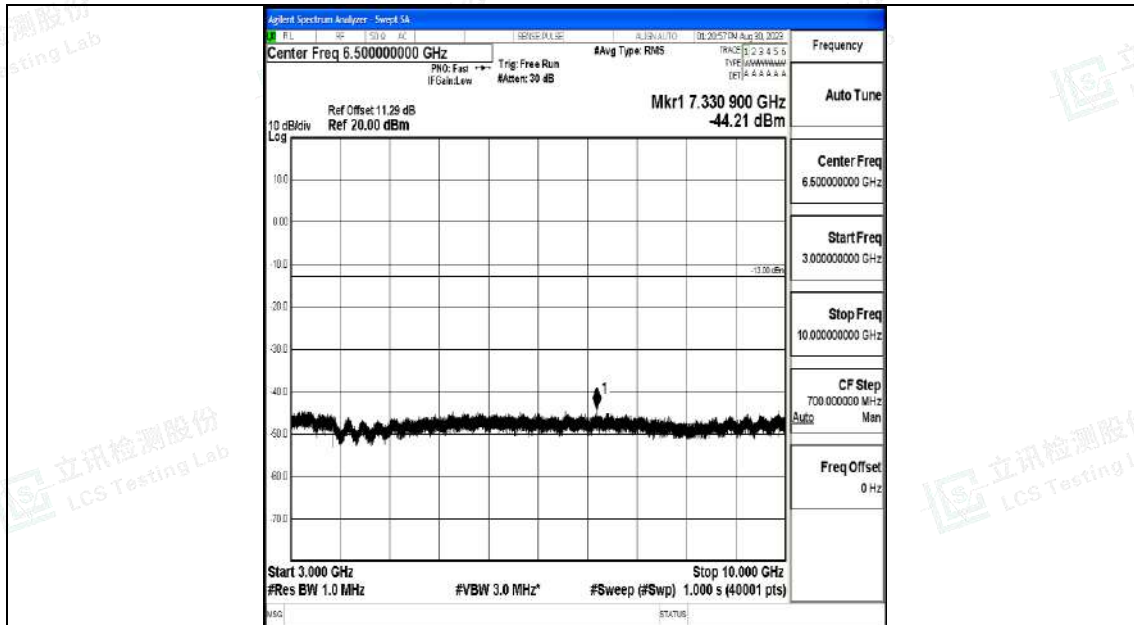


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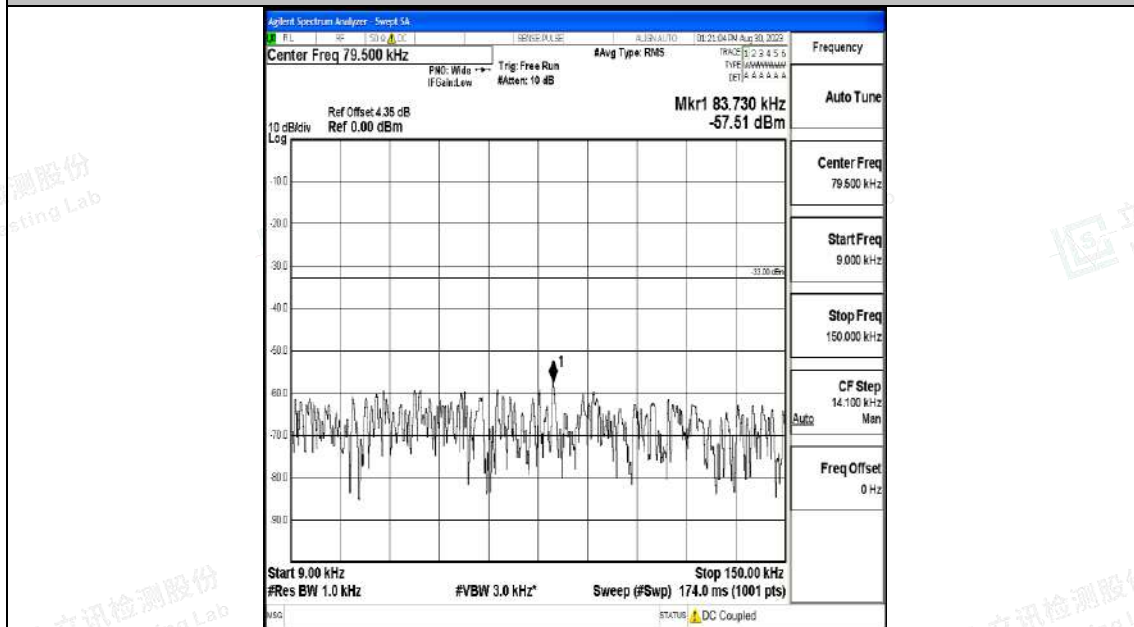
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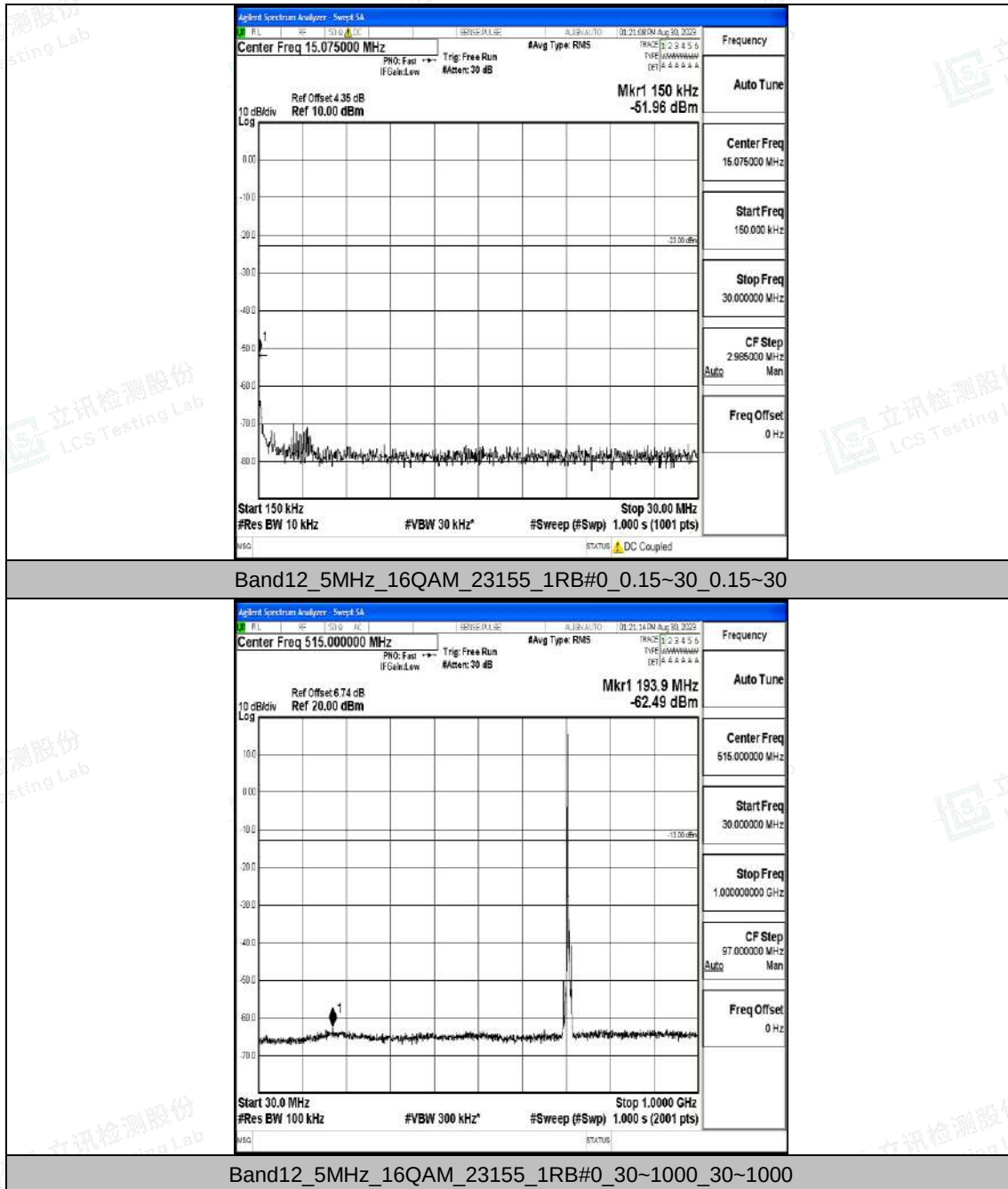


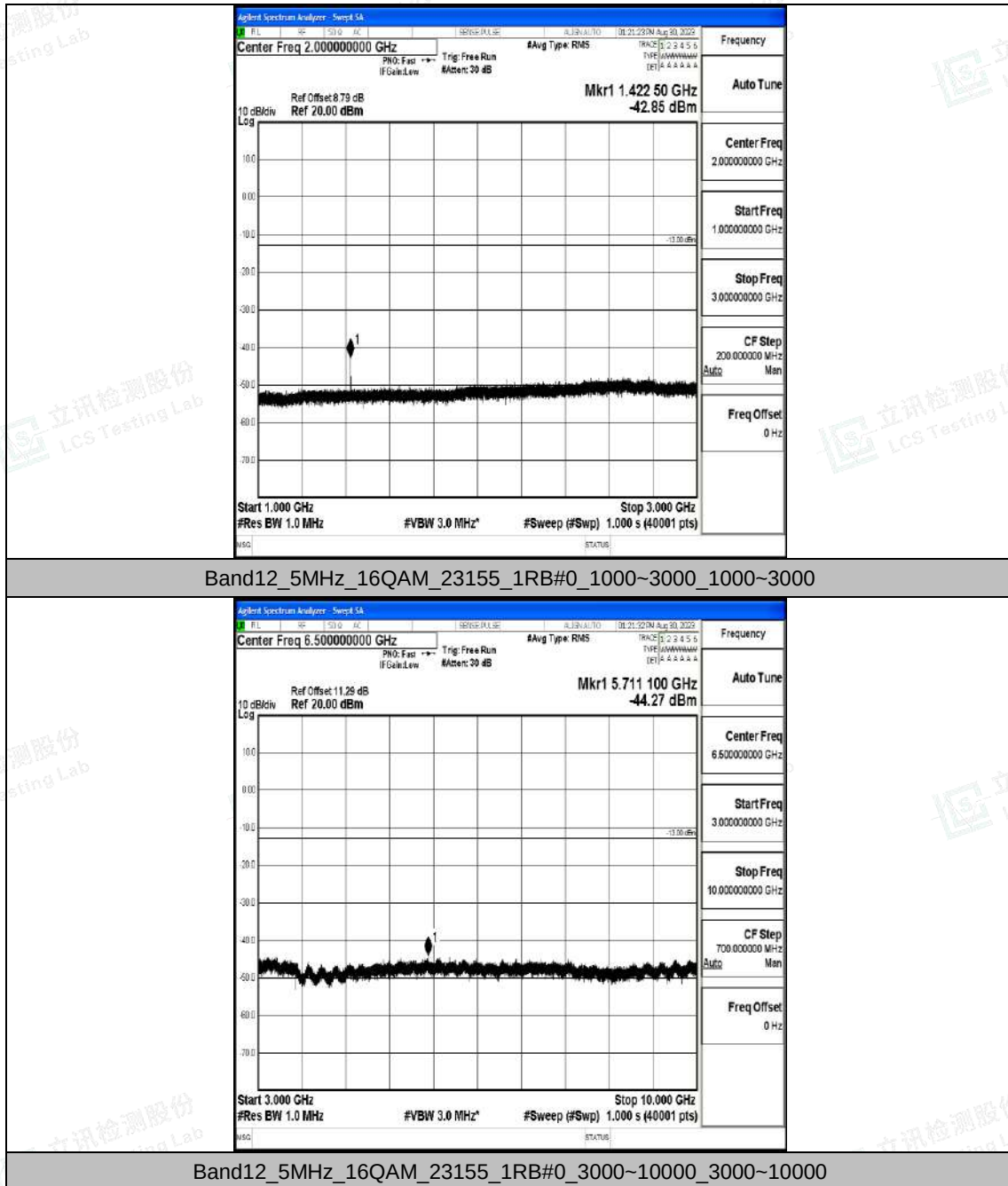
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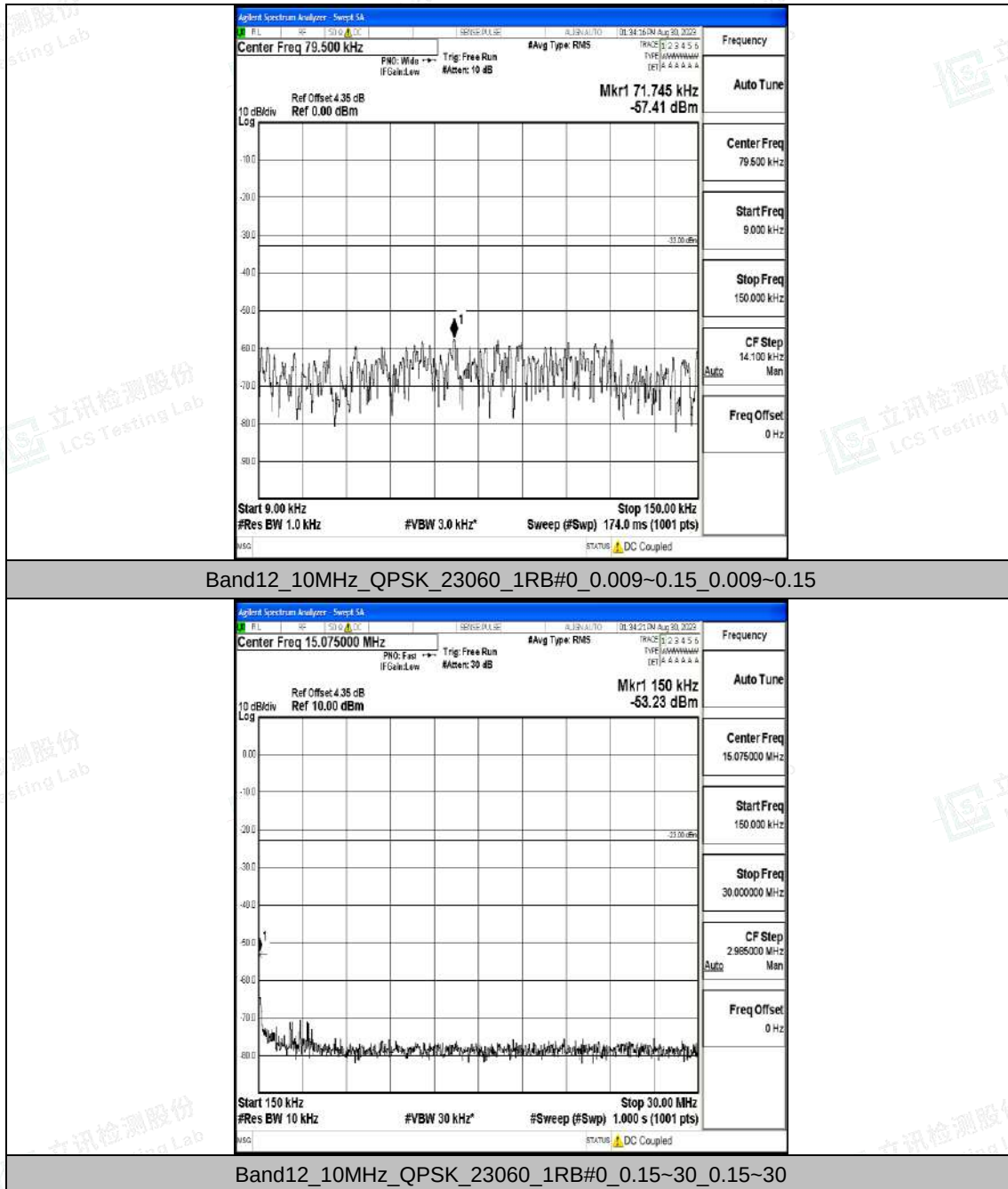


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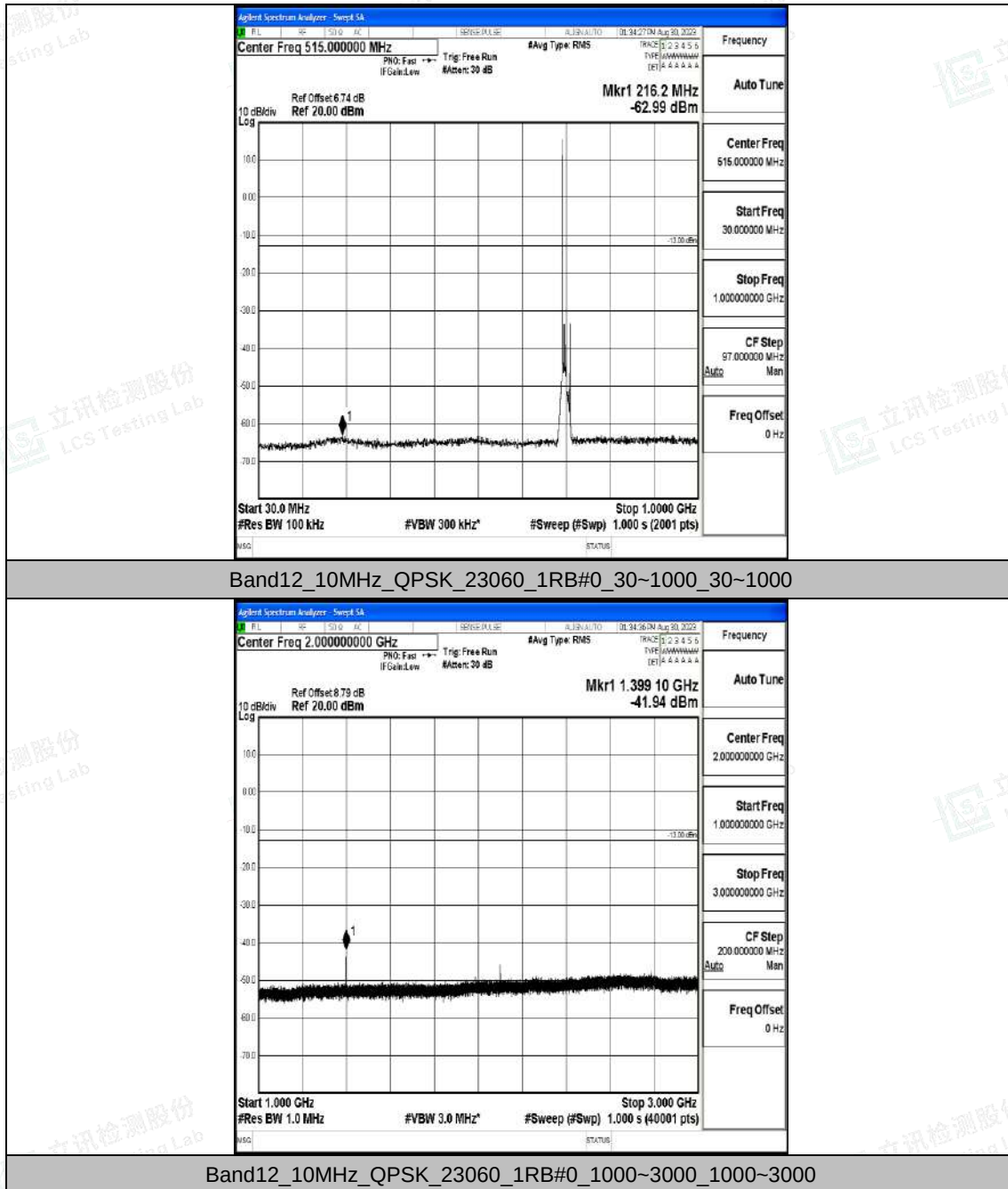


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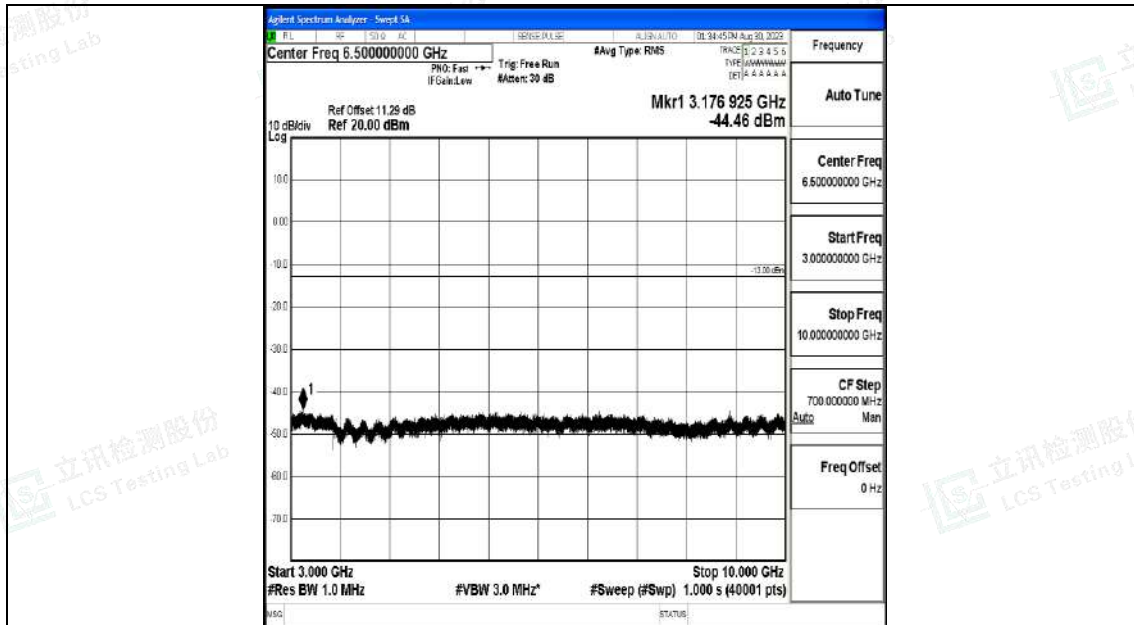


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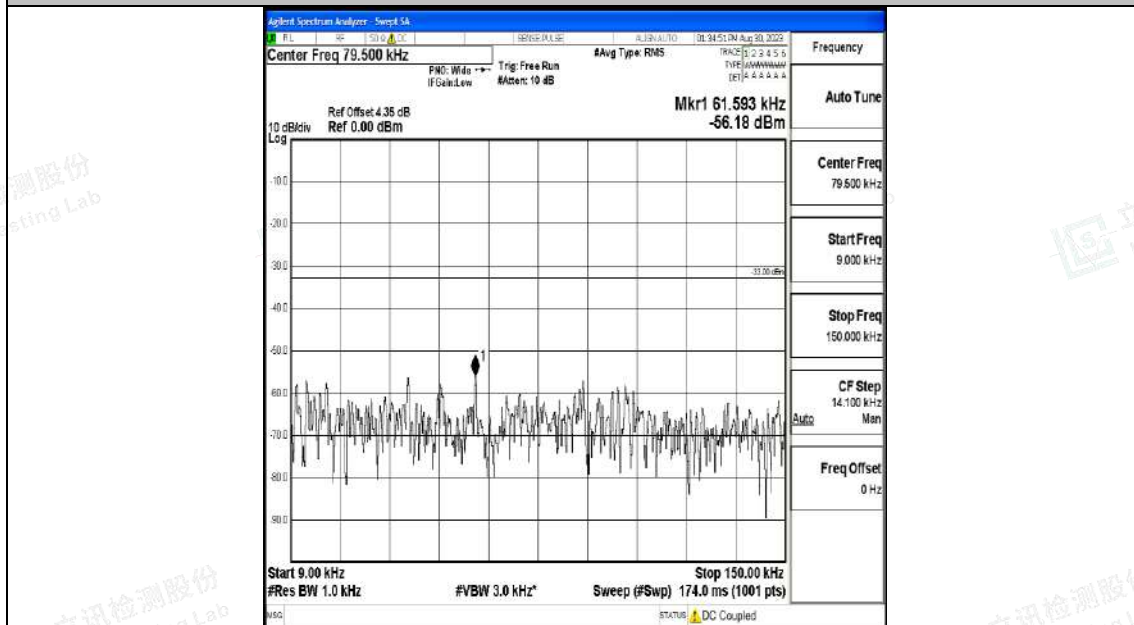
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Band12_10MHz_QPSK_23060_1RB#0_3000~10000_3000~10000



Band12_10MHz_16QAM_23060_1RB#0_0.009~0.15_0.009~0.15

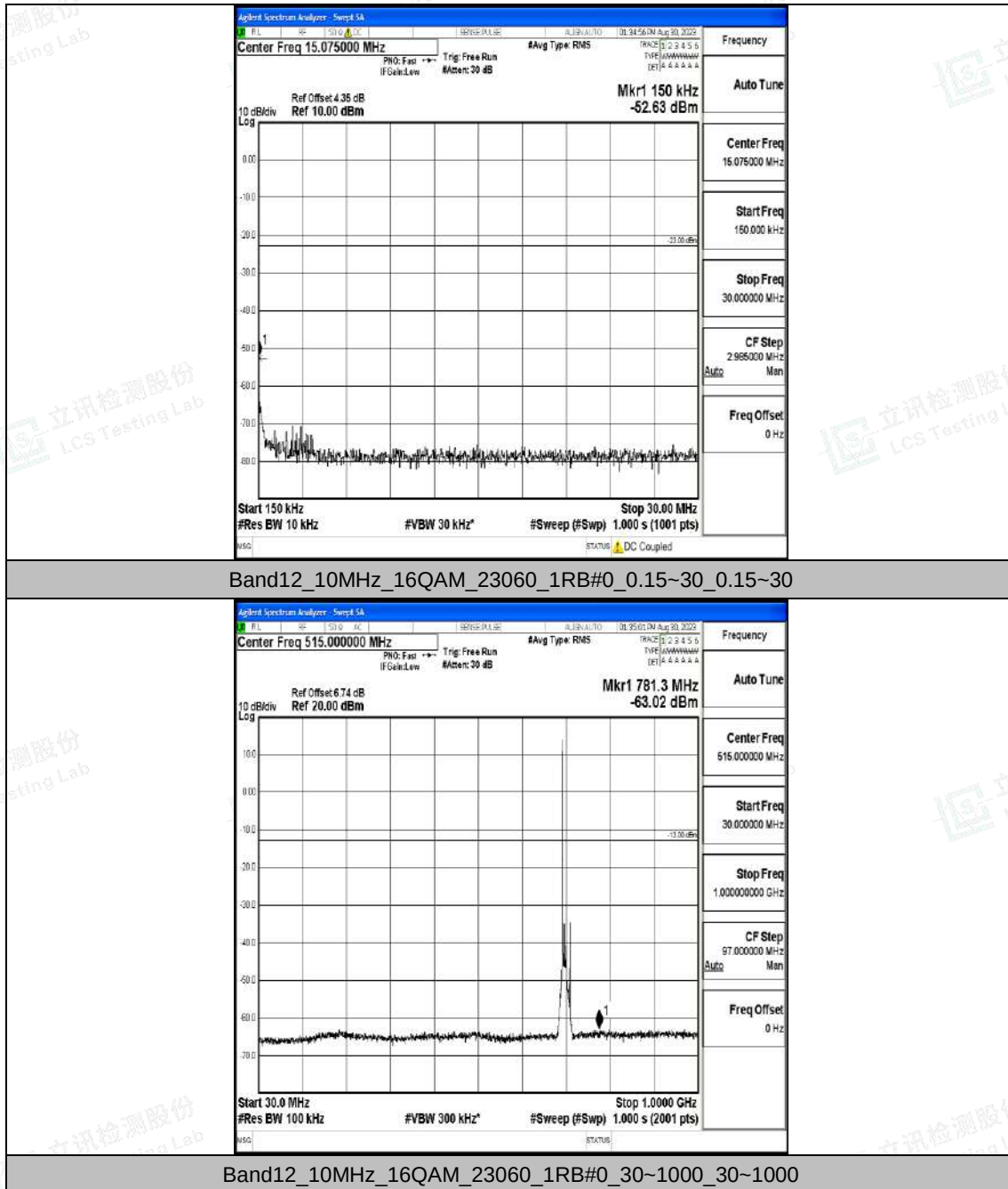


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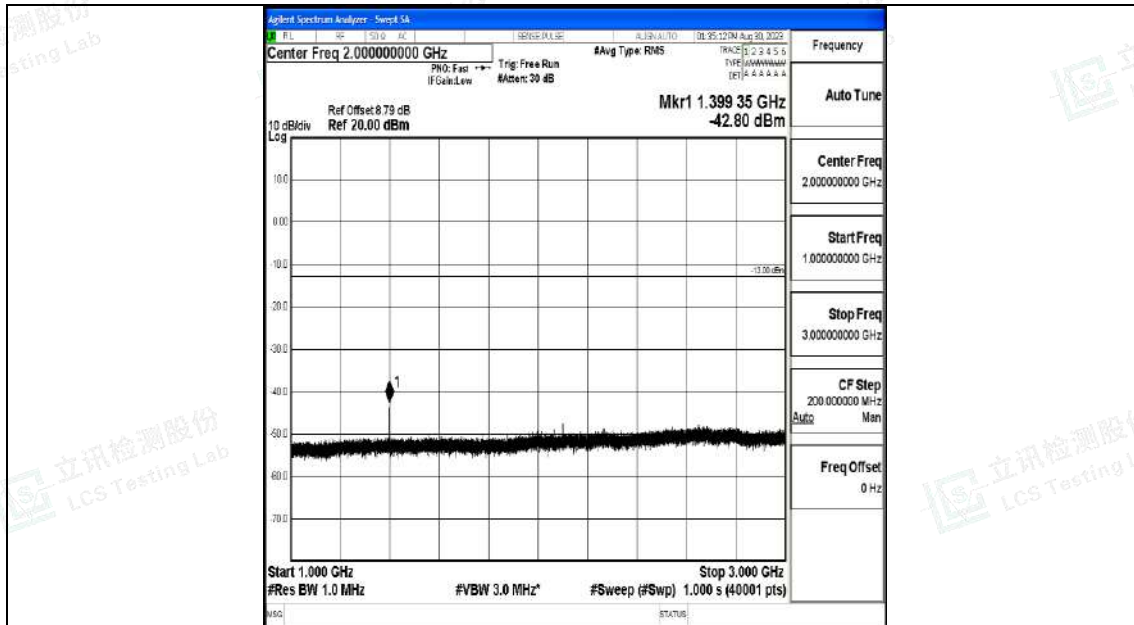


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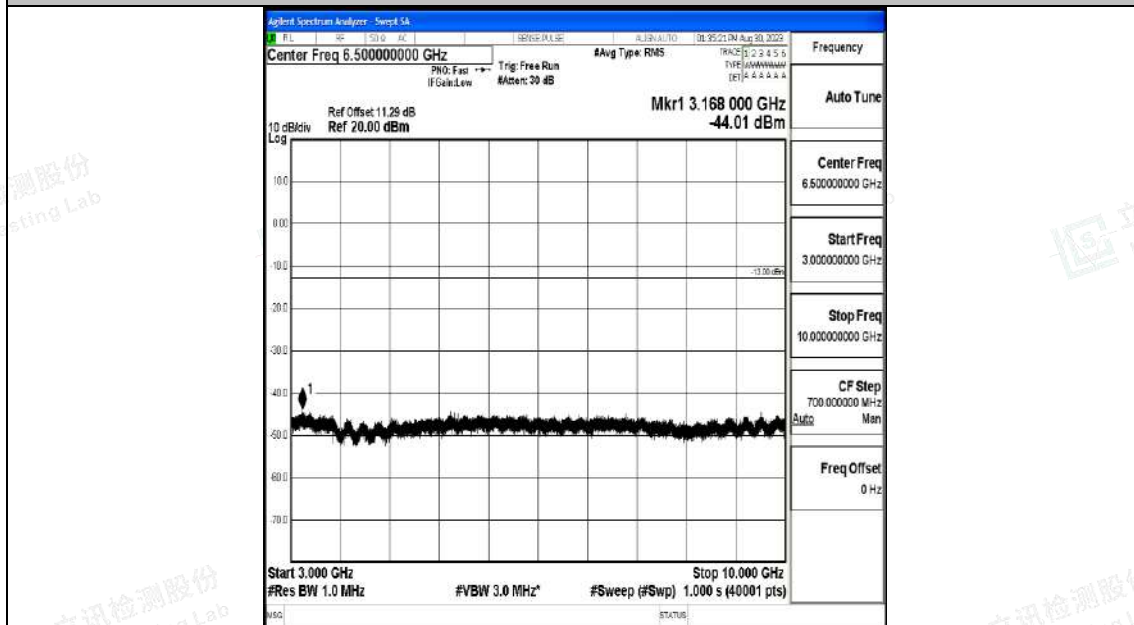
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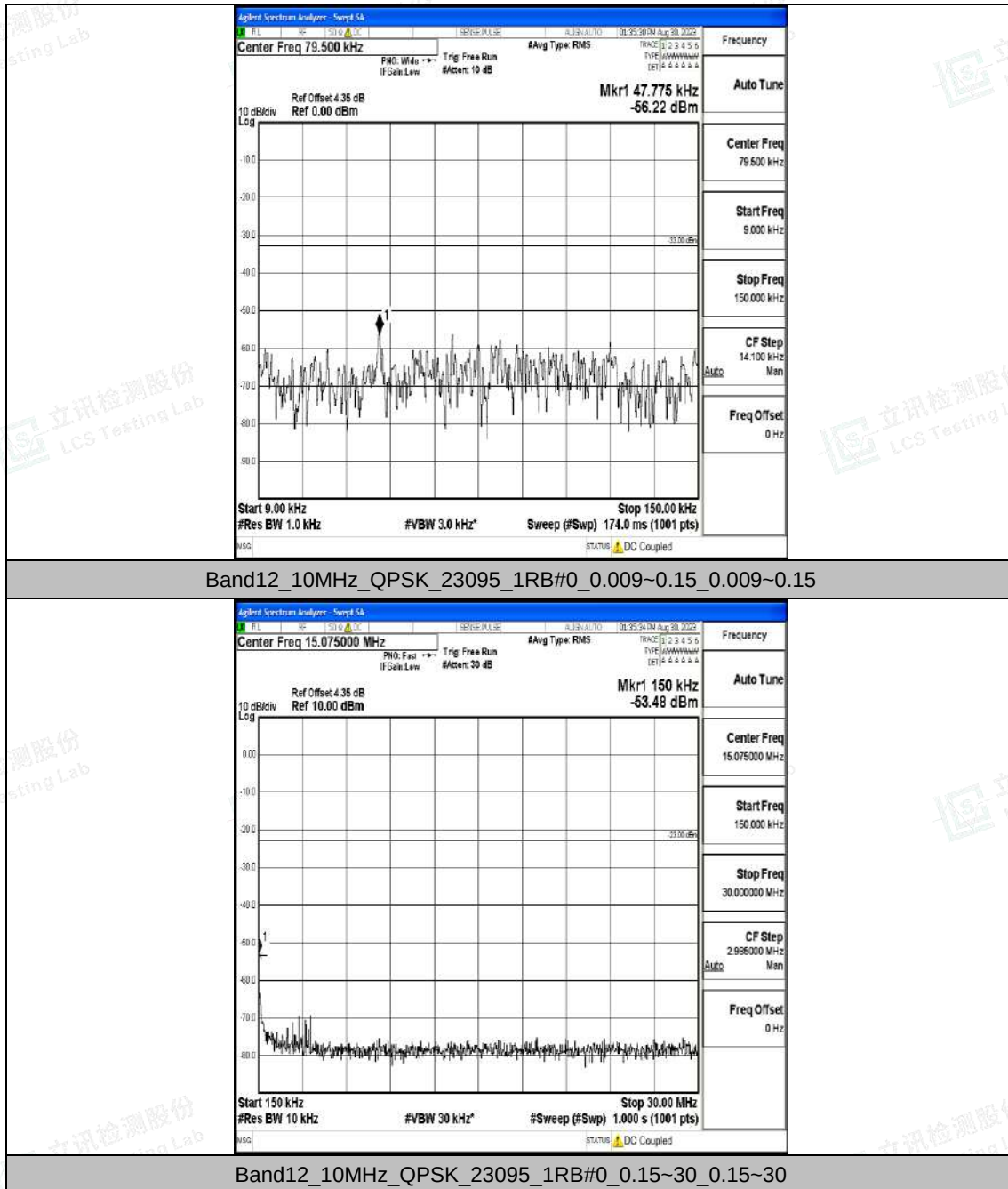


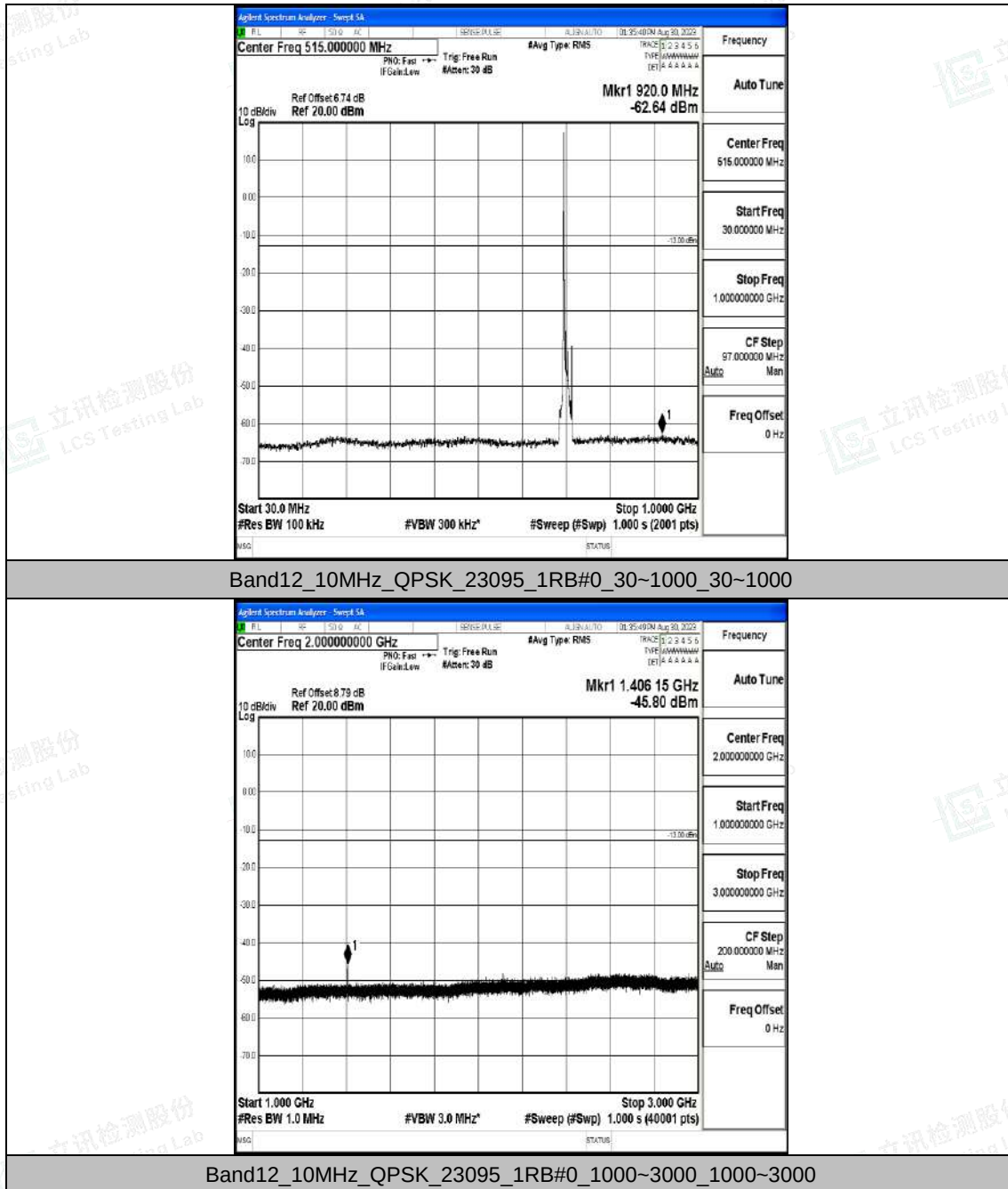
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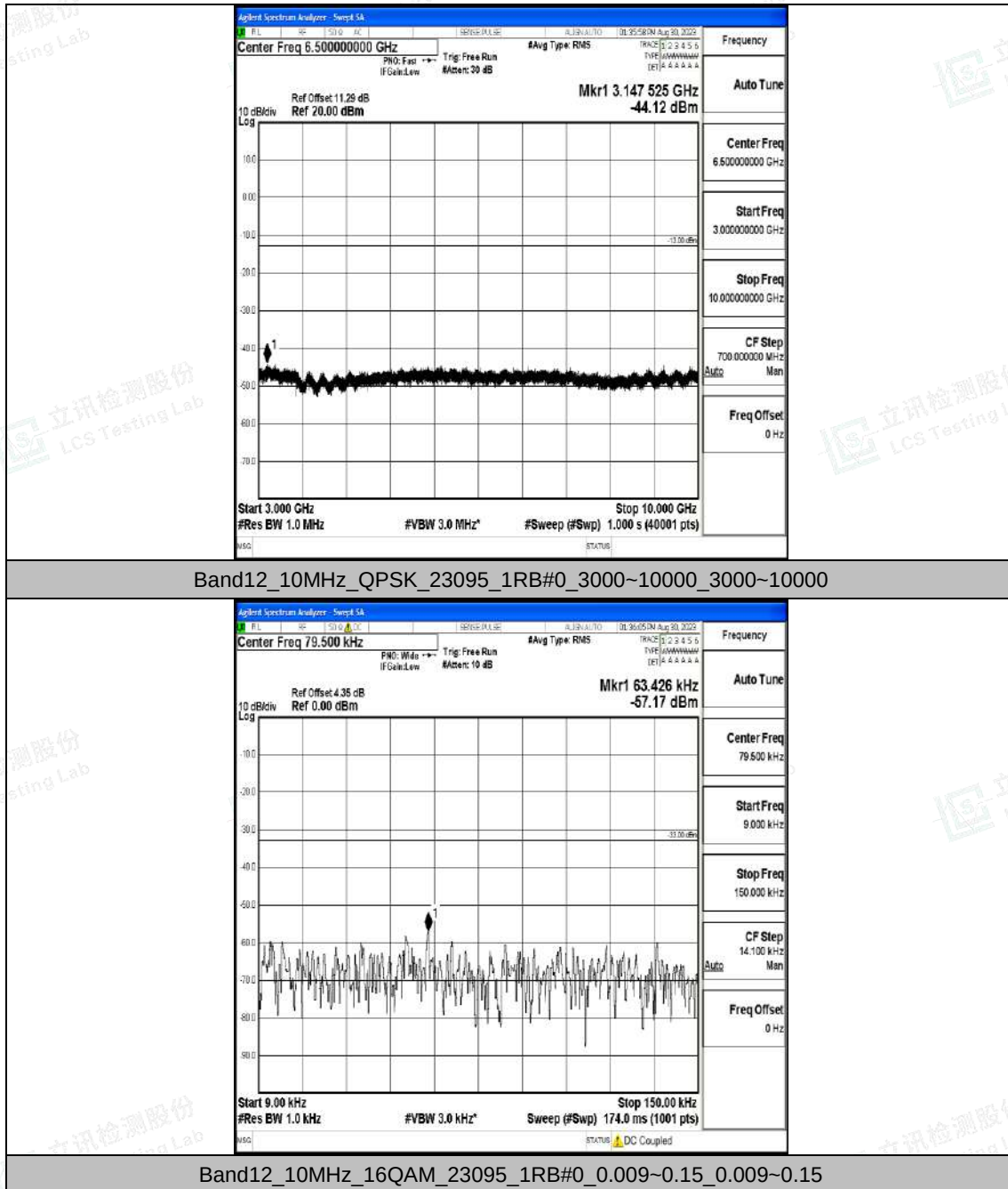


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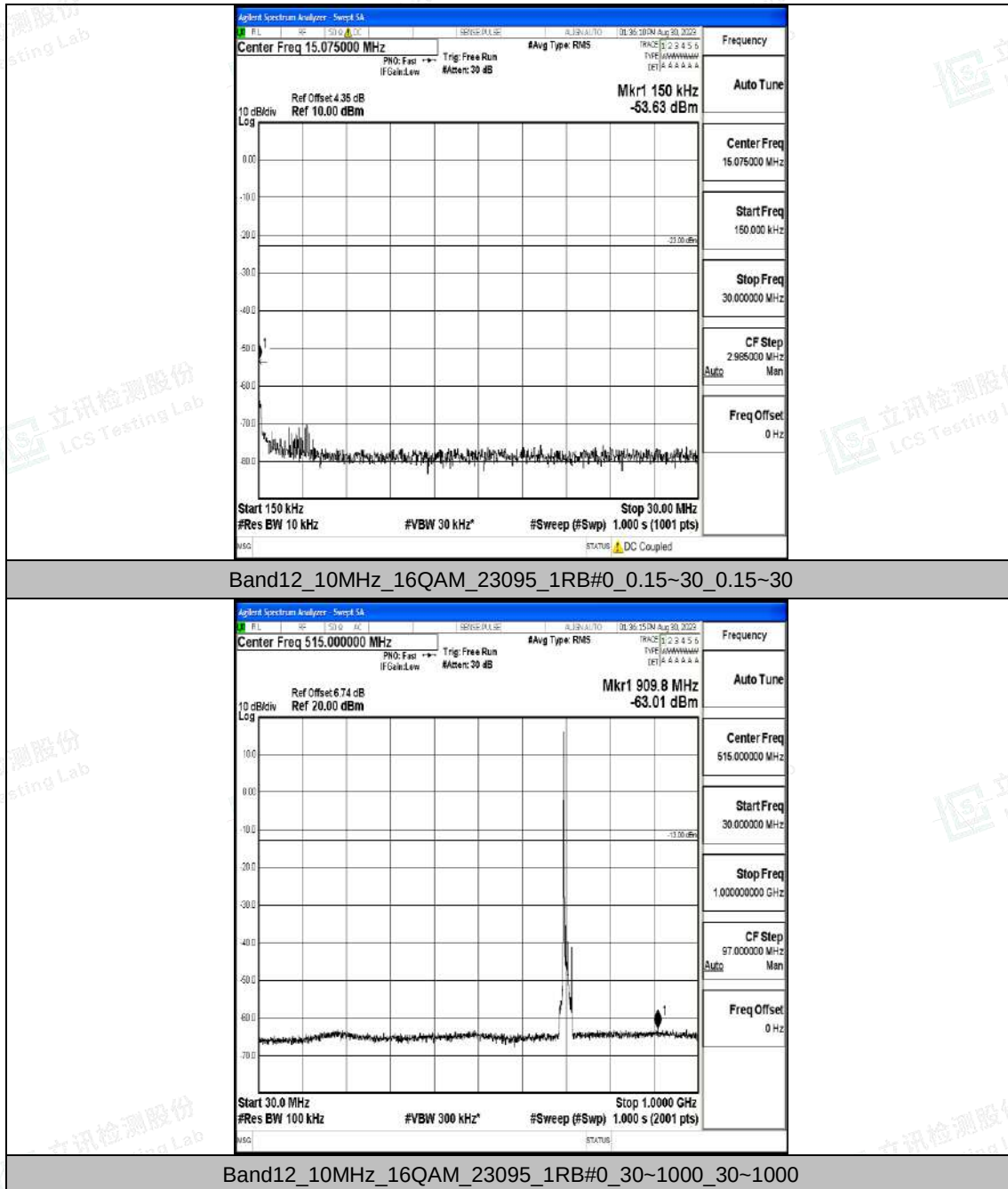


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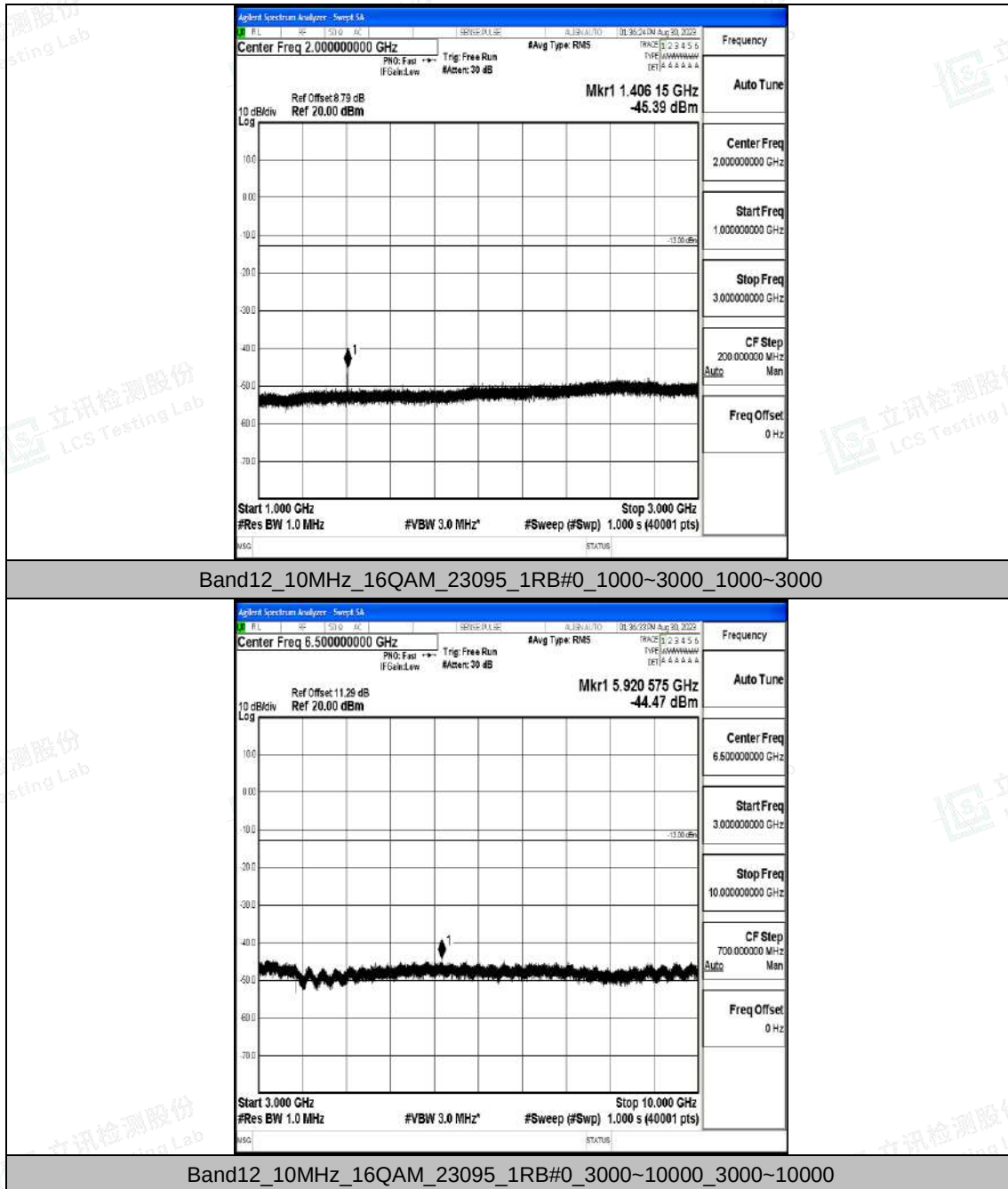


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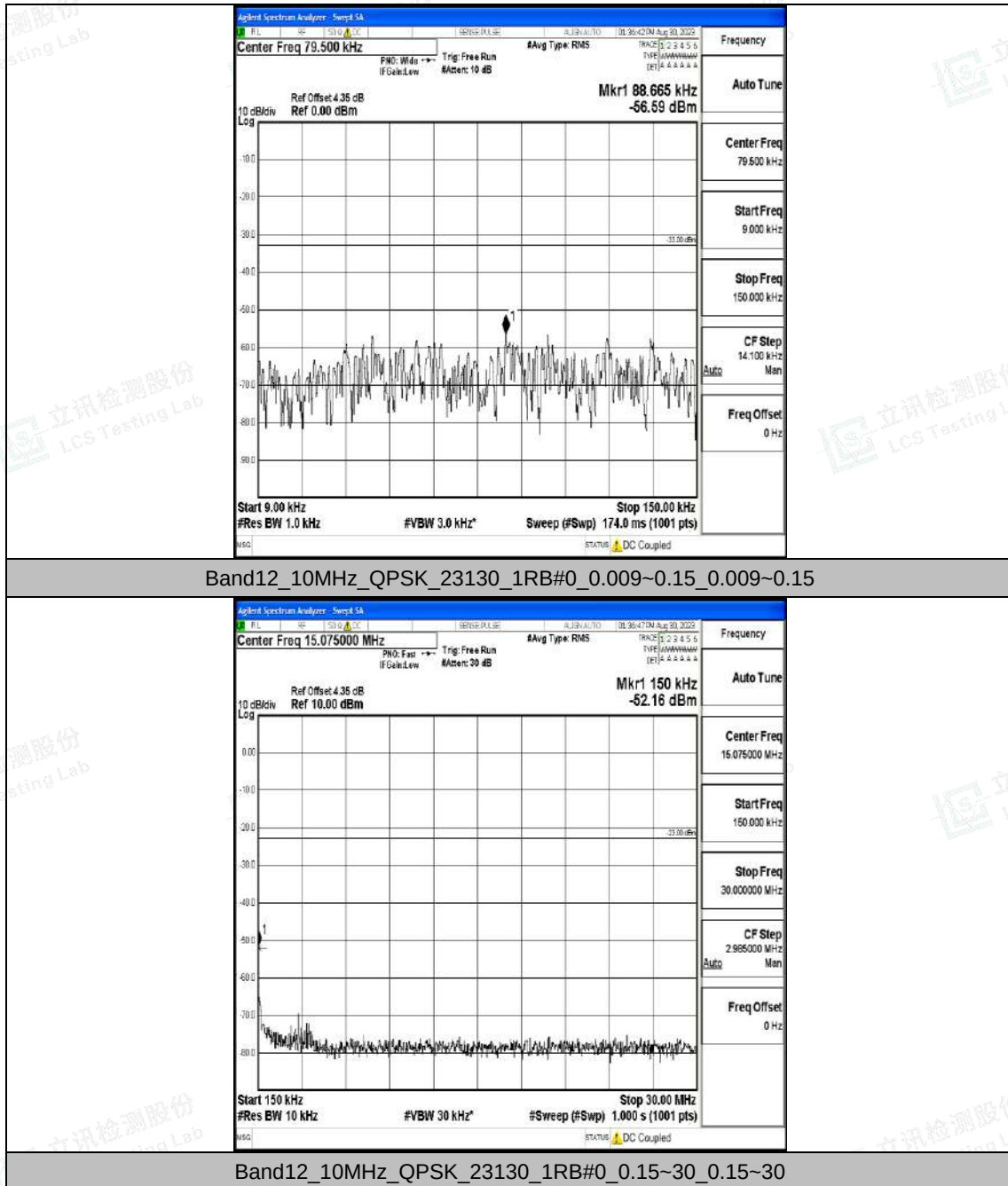


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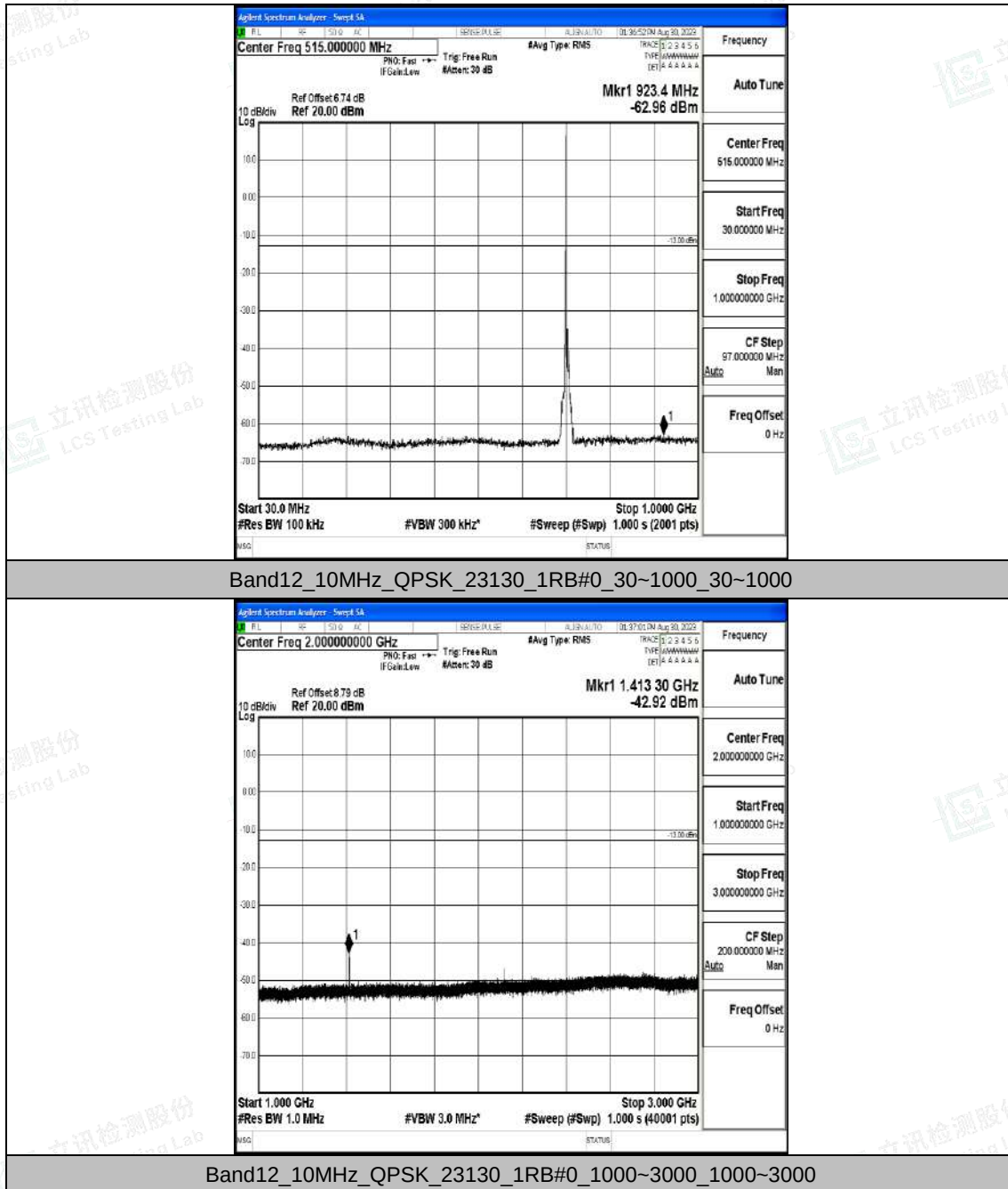


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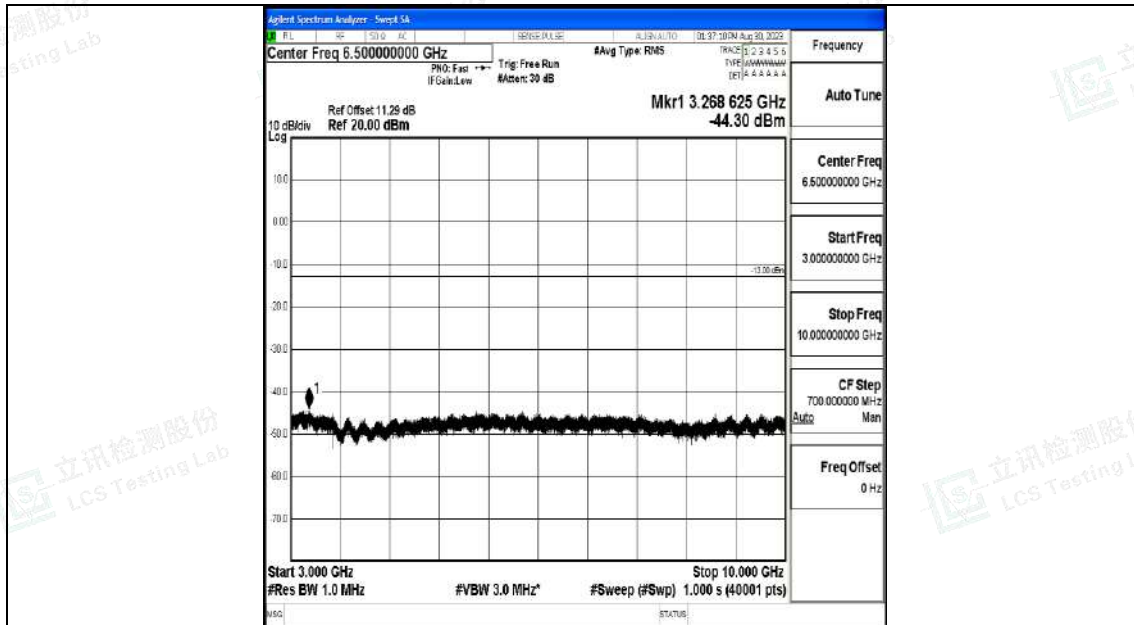


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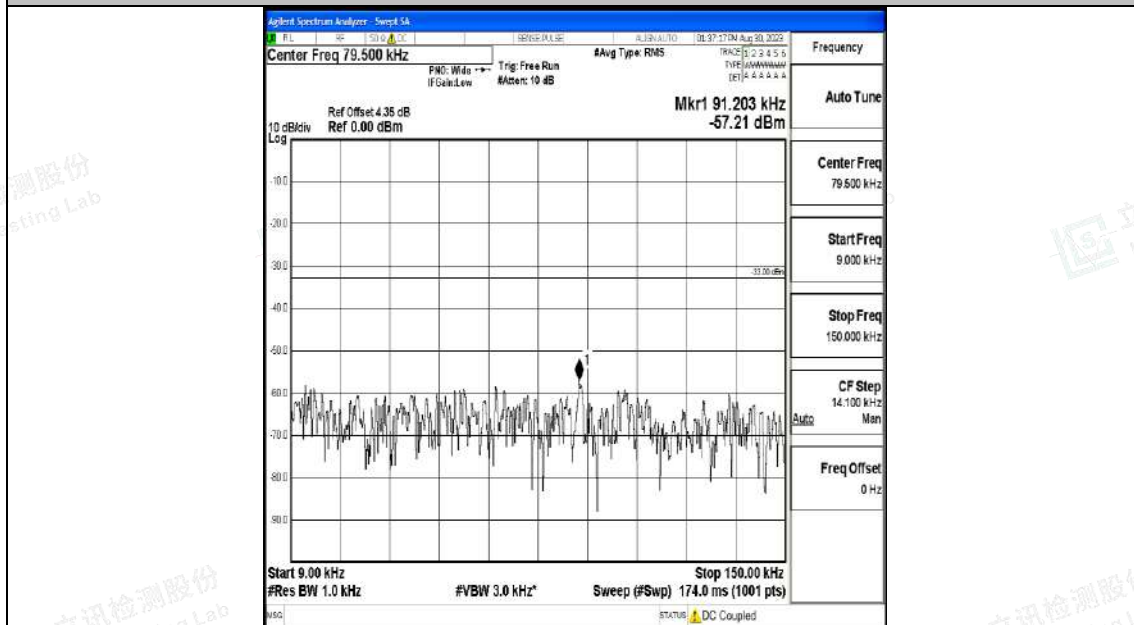
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Band12_10MHz_QPSK_23130_1RB#0_3000~10000_3000~10000



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



