



Appendix F: Test Data for E-UTRA Band 5

Product Name: Mobile phone

Test Model: A07

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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F.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.58	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.47	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.44	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.43	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.53	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.52	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.54	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	23.54	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.53	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	23.53	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.53	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	23.52	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.52	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	23.52	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.27	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.60	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.28	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.51	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.25	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.33	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.23	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.23	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.68	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.80	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.25	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.02	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.30	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.92	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.23	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.93	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.21	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	21.81	PASS



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Band5	1.4MHz	QPSK	20643	3RB#1	23.23	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.84	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.20	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.02	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.22	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.88	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.36	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.38	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.38	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.42	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.21	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.55	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.35	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.55	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.36	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.56	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.30	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.46	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.32	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.37	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.29	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.66	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.28	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.46	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.10	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.64	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.61	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.78	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.62	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.76	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.64	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.71	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.64	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.52	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.34	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.01	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.30	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.02	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.38	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.97	PASS



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Band5	3MHz	QPSK	20635	8RB#0	22.33	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.31	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.34	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.43	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.18	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.68	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.31	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.20	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.46	PASS
Band5	5MHz	16QAM	20425	1RB#0	21.79	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.25	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.74	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.37	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.73	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.32	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.42	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.32	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.42	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.22	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.33	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.29	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.62	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.27	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.76	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.30	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.62	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.28	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.31	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.57	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.71	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.59	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.72	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.59	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.73	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.60	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.66	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.10	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.17	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.17	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.12	PASS



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Band5	5MHz	QPSK	20625	1RB#24	23.14	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.82	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.71	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.54	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.61	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.55	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.39	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.08	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.41	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.18	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.38	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.29	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.27	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.37	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.14	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.19	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.32	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.32	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.36	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.33	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.30	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.26	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.34	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.78	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.20	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.00	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.20	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.37	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.05	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.98	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.72	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.76	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.72	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.80	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.19	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.39	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.52	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.65	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.18	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.72	PASS



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Band5	10MHz	QPSK	20600	1RB#24	23.29	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.83	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.29	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.73	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.09	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.25	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.26	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.26	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.23	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.37	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.28	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.60	PASS





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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.22	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.01	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.55	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.29	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.57	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.25	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.26	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.02	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.58	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.32	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.45	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.27	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.42	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.08	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.60	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.29	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.58	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.28	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.49	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.11	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.60	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.33	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.53	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.25	13	PASS



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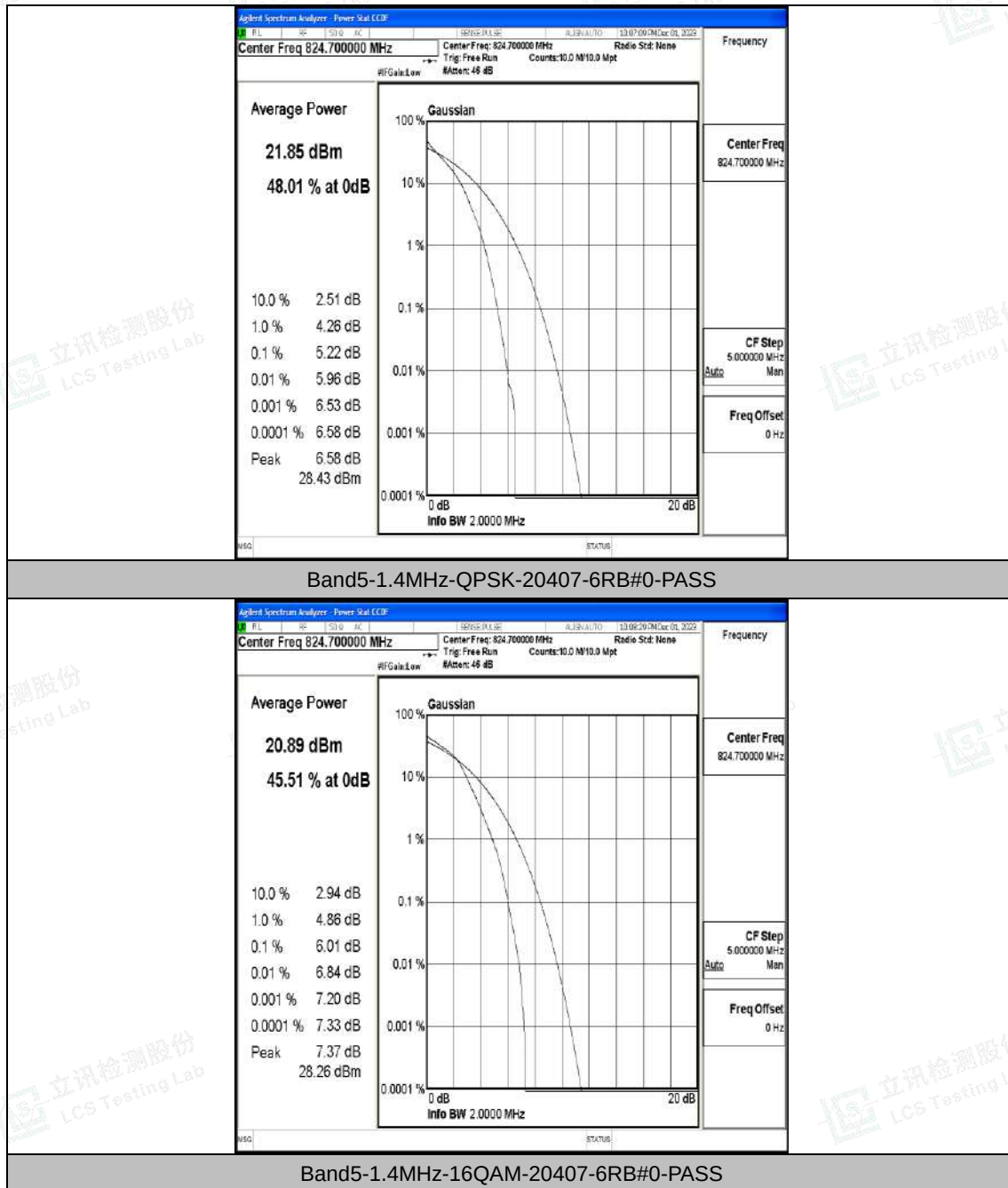
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Test Graphs

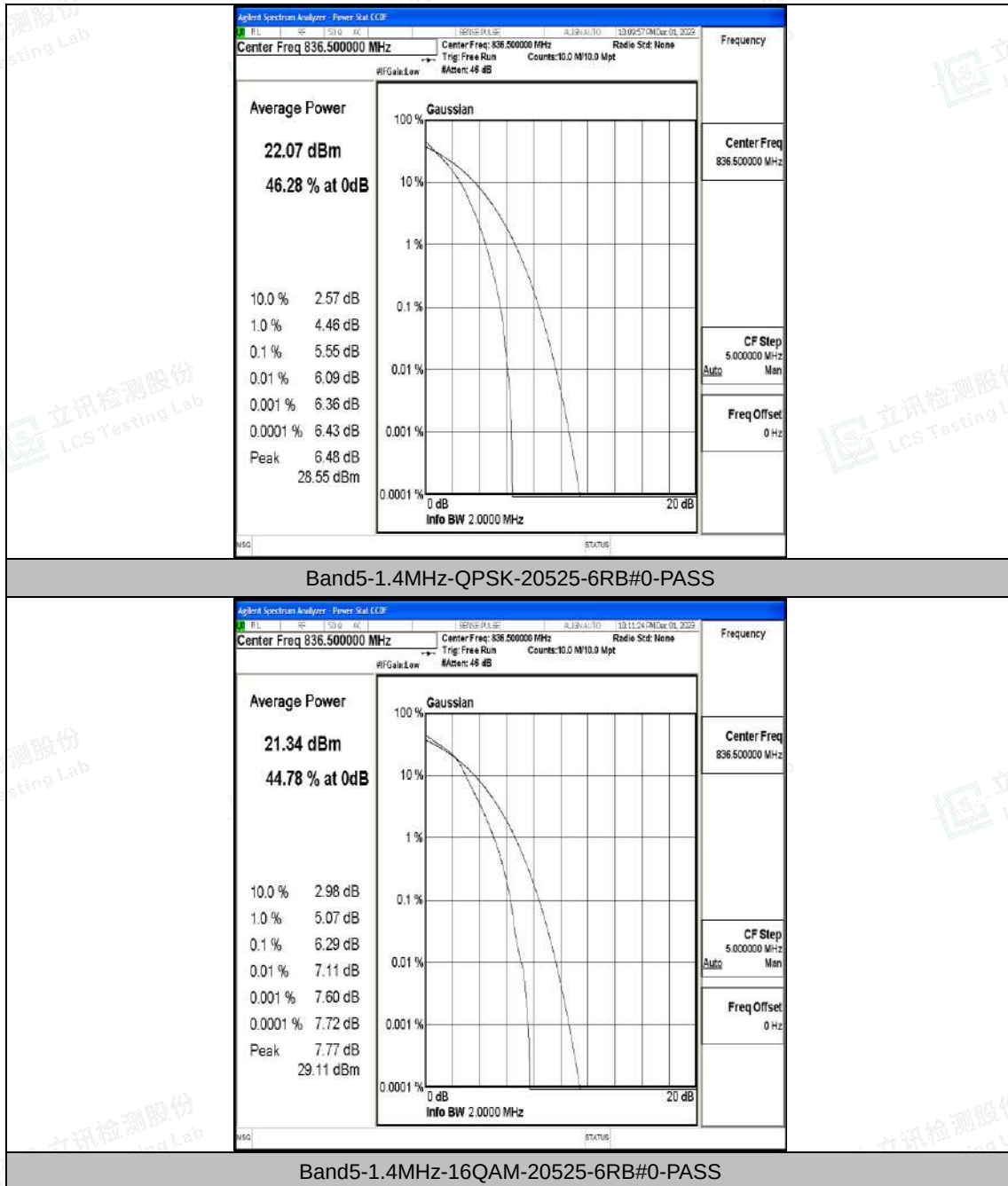


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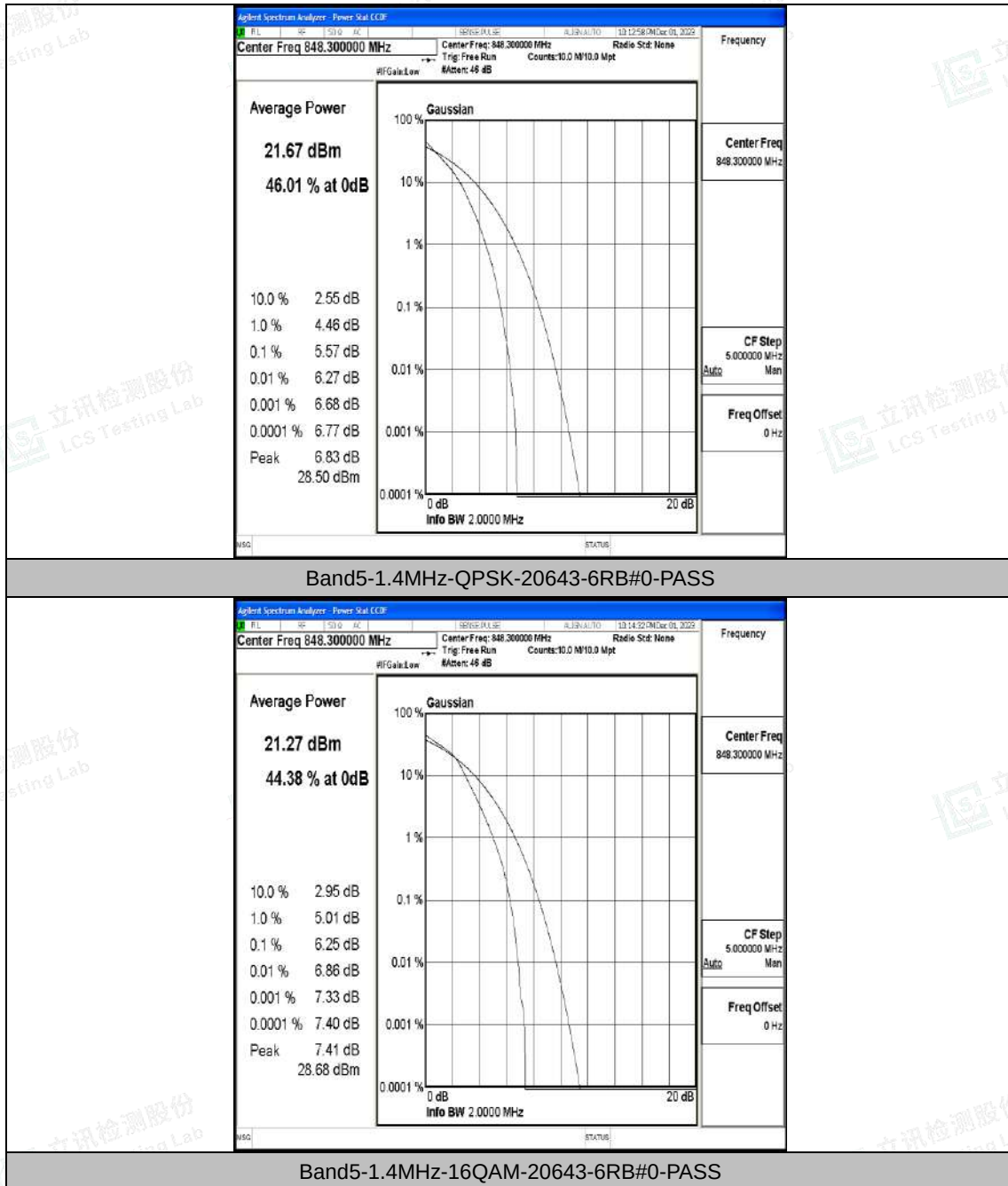


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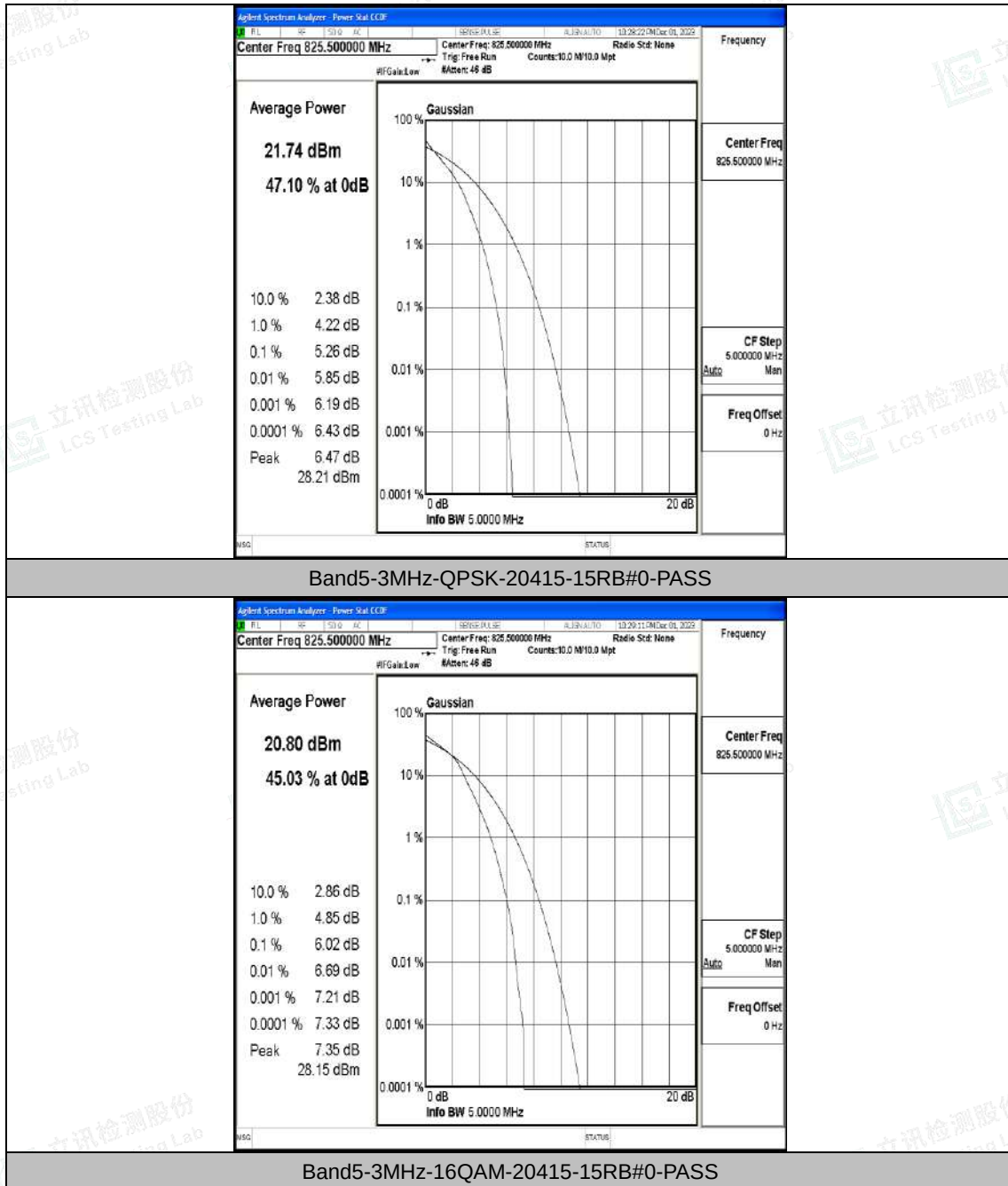


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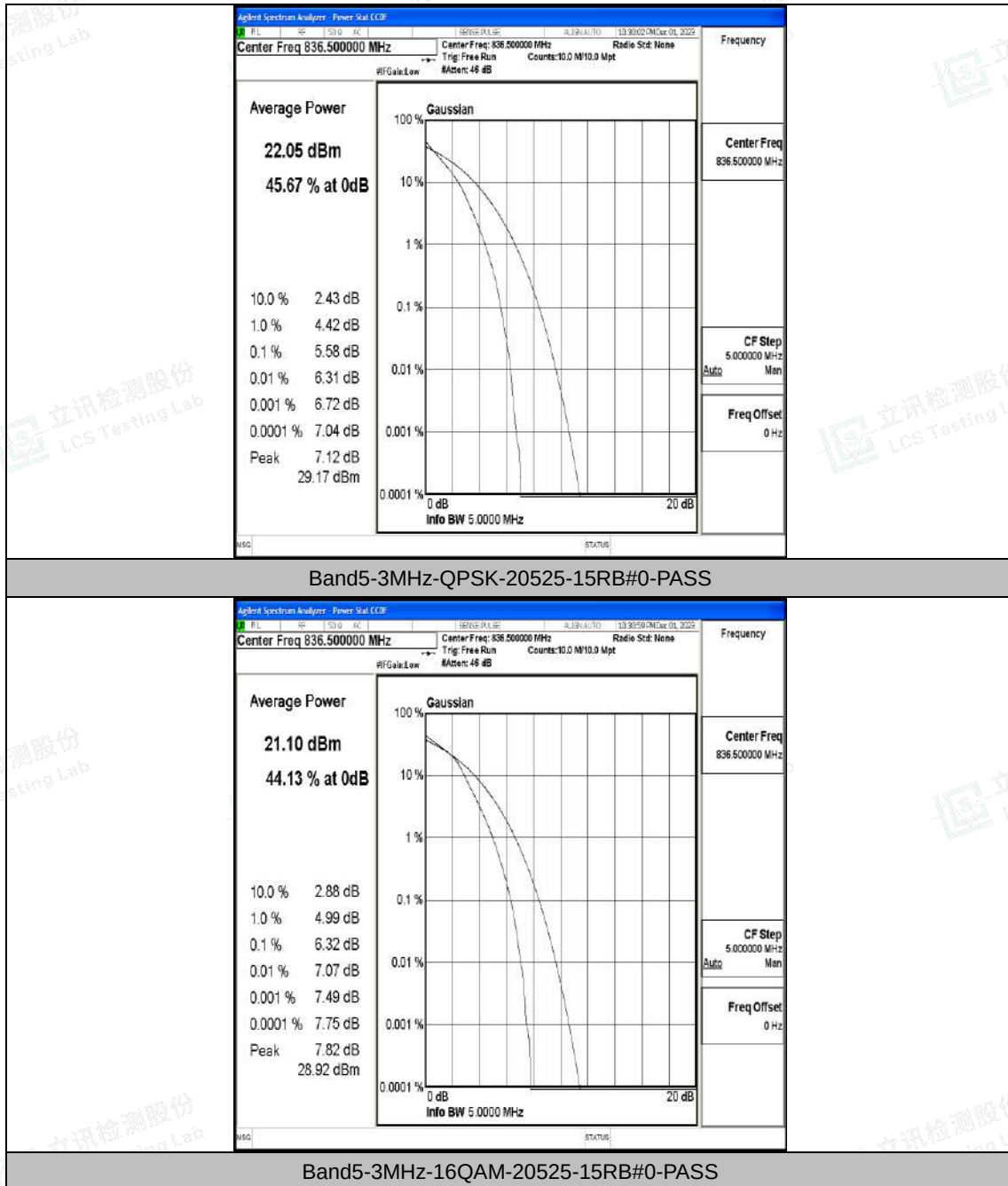


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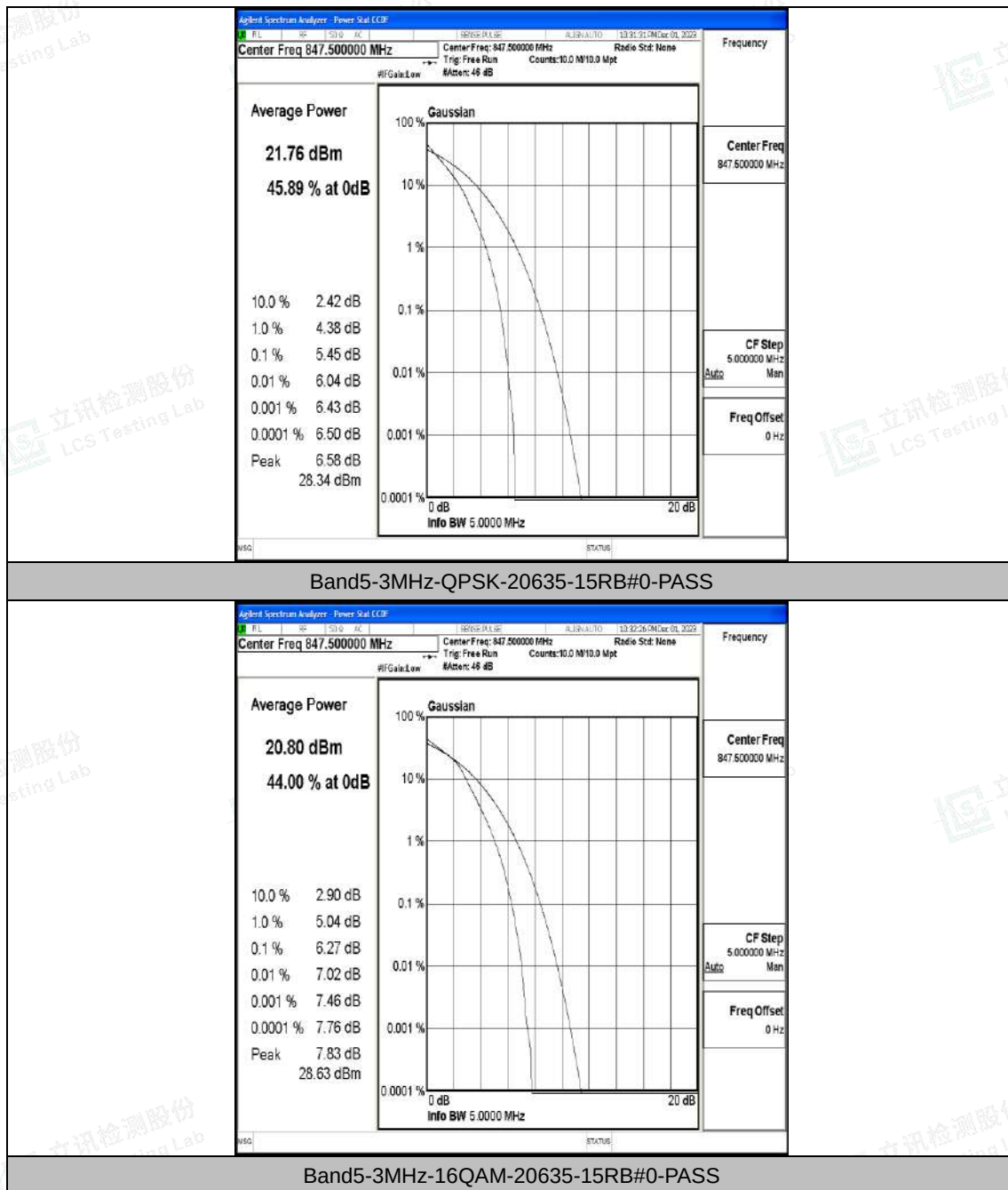


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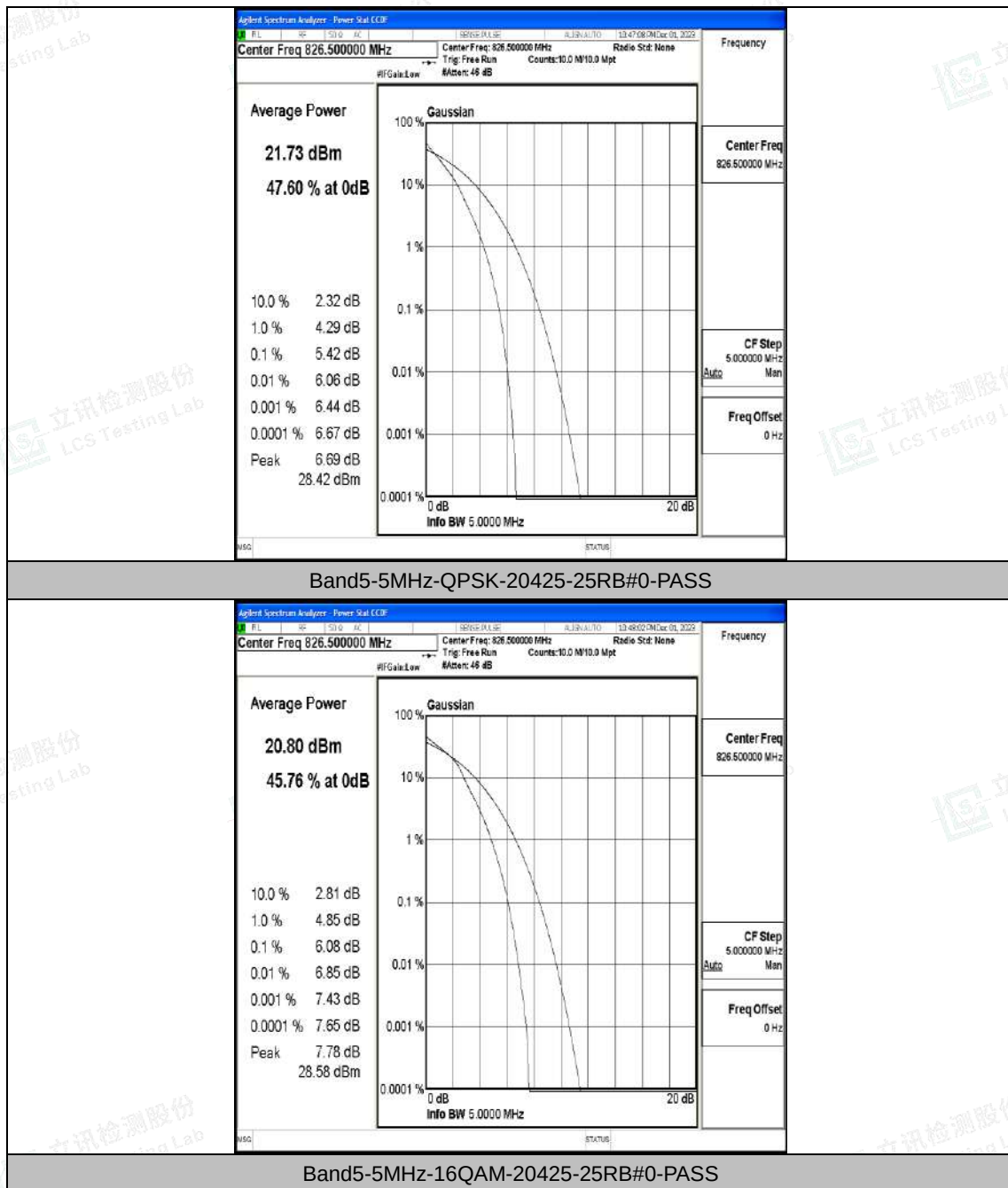


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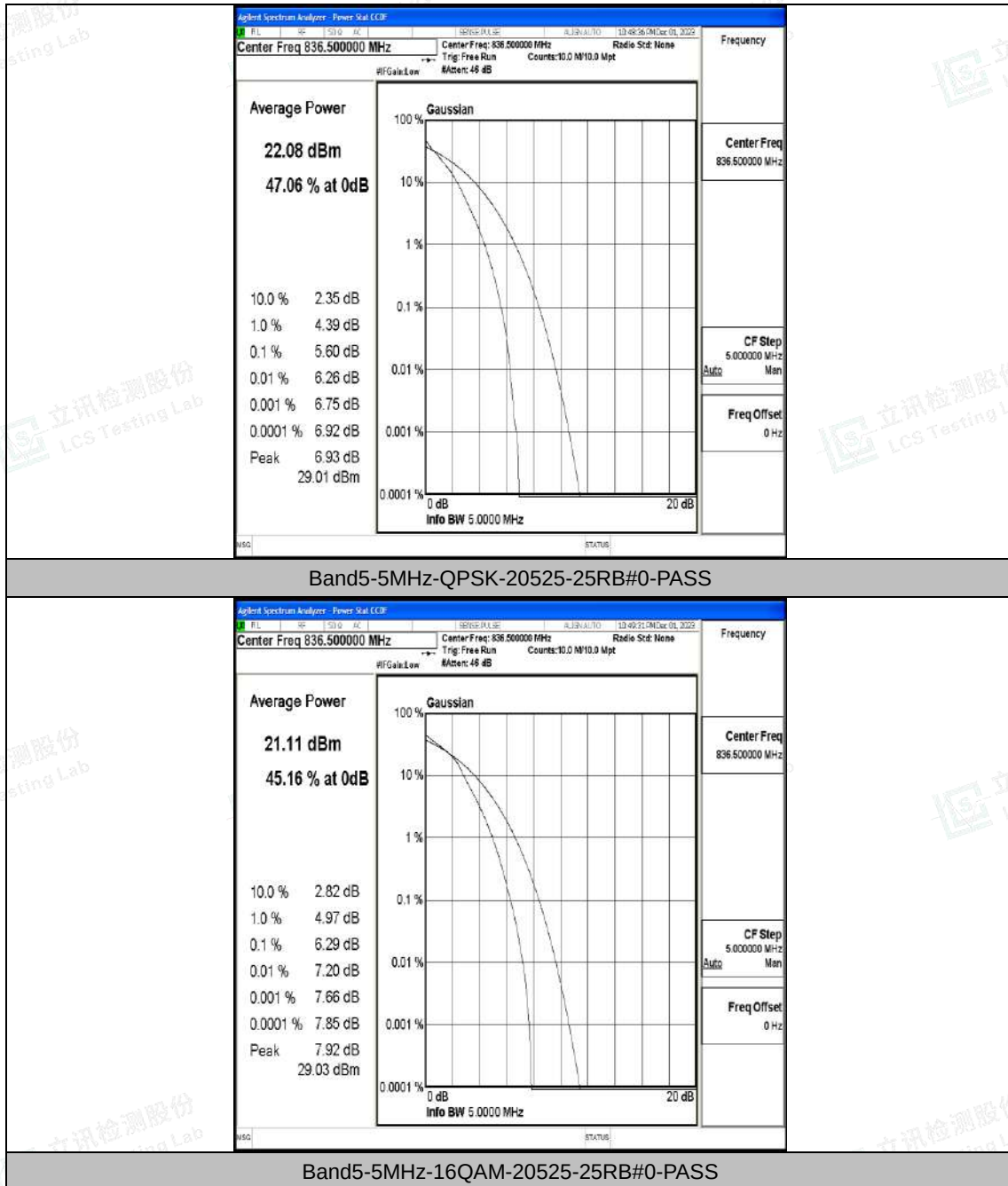


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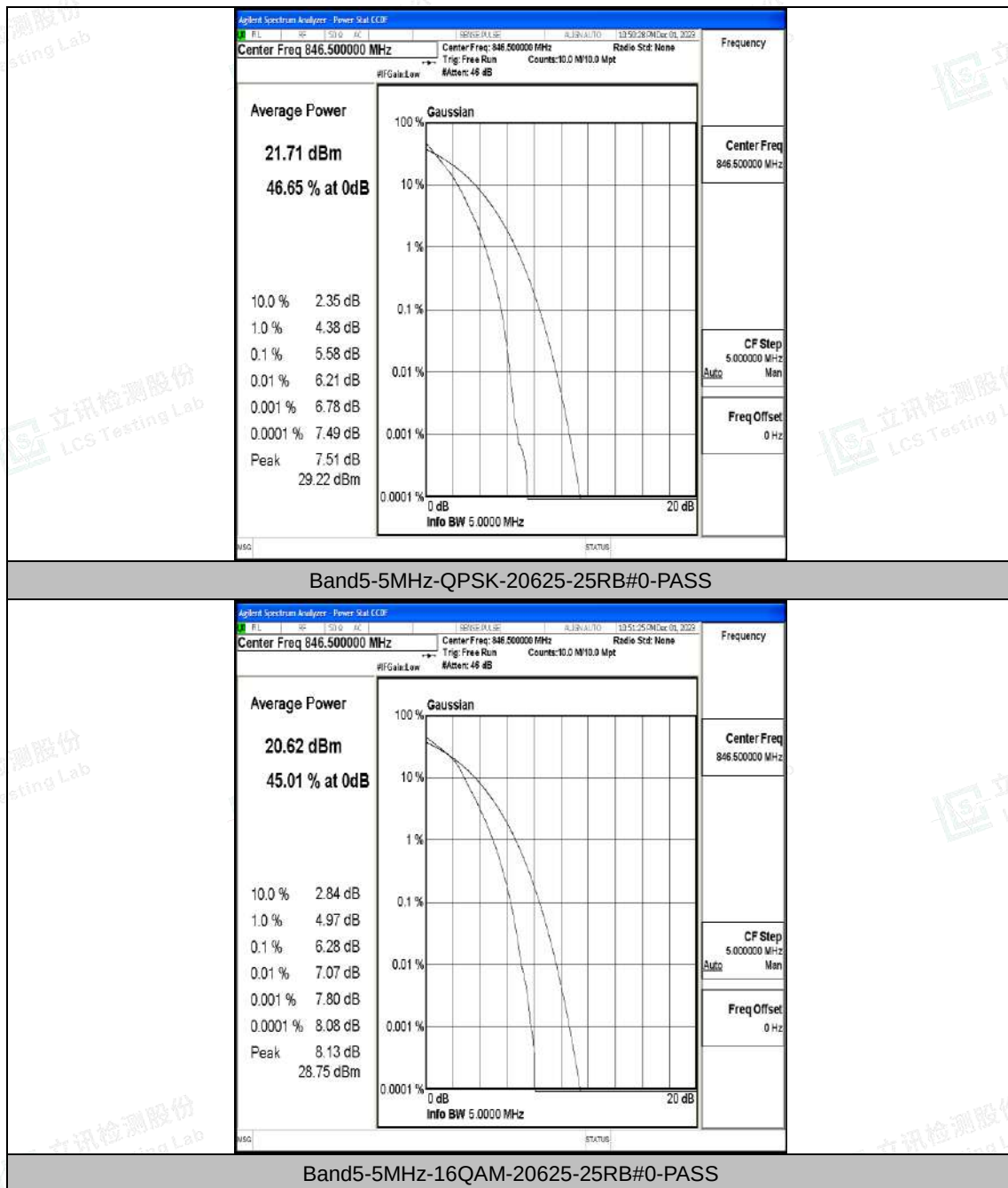


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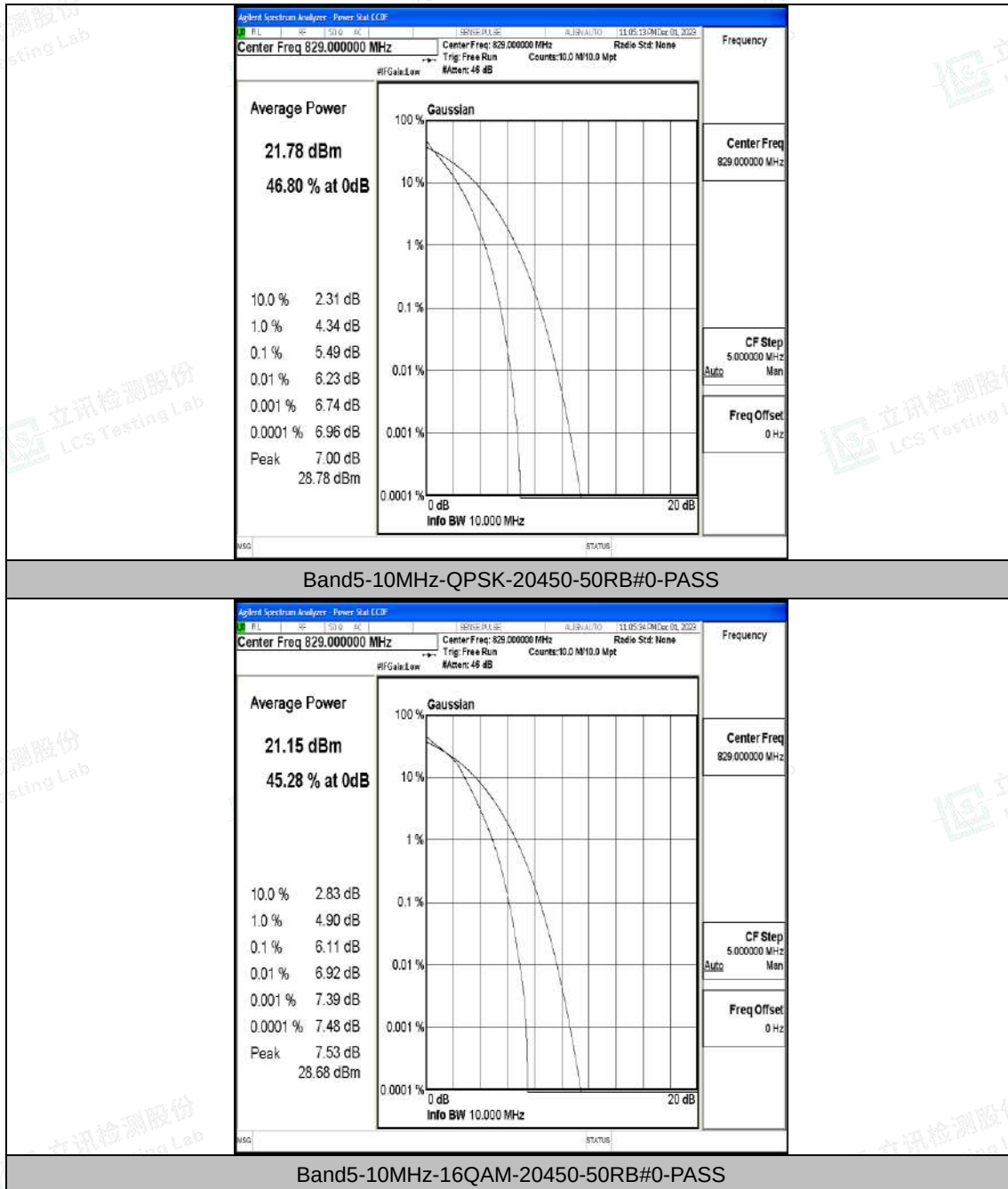


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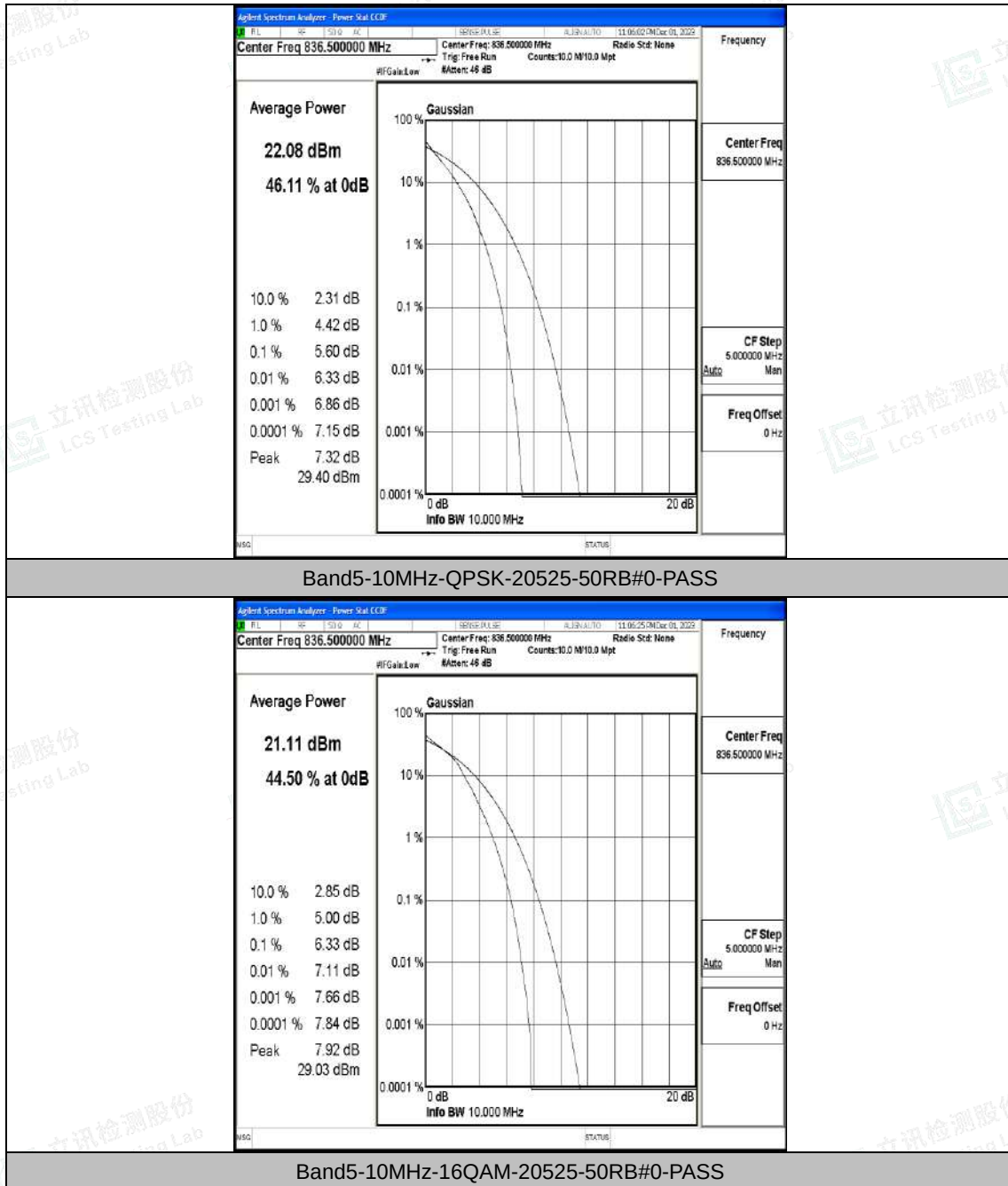


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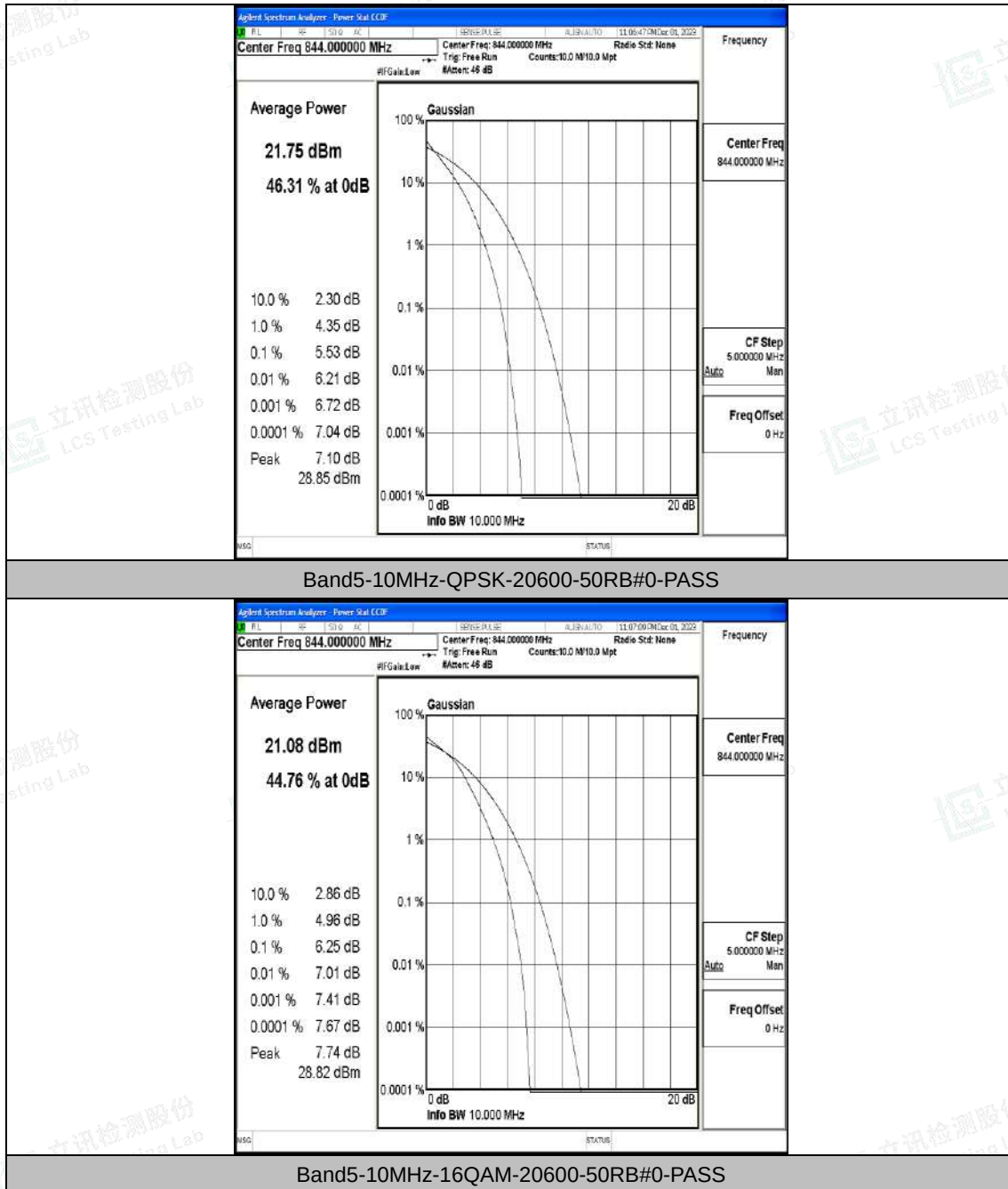


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F.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0906	1.243	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0995	1.241	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0936	1.244	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1004	1.250	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0960	1.254	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0900	1.241	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7126	3.010	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6942	3.026	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7037	3.002	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7036	3.019	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6997	3.021	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7040	3.007	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5110	4.977	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5032	4.951	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5102	4.986	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5110	4.984	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5048	4.965	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5092	4.974	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9956	9.894	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9899	9.897	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0053	9.921	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9908	9.977	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9690	9.888	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9760	9.873	PASS



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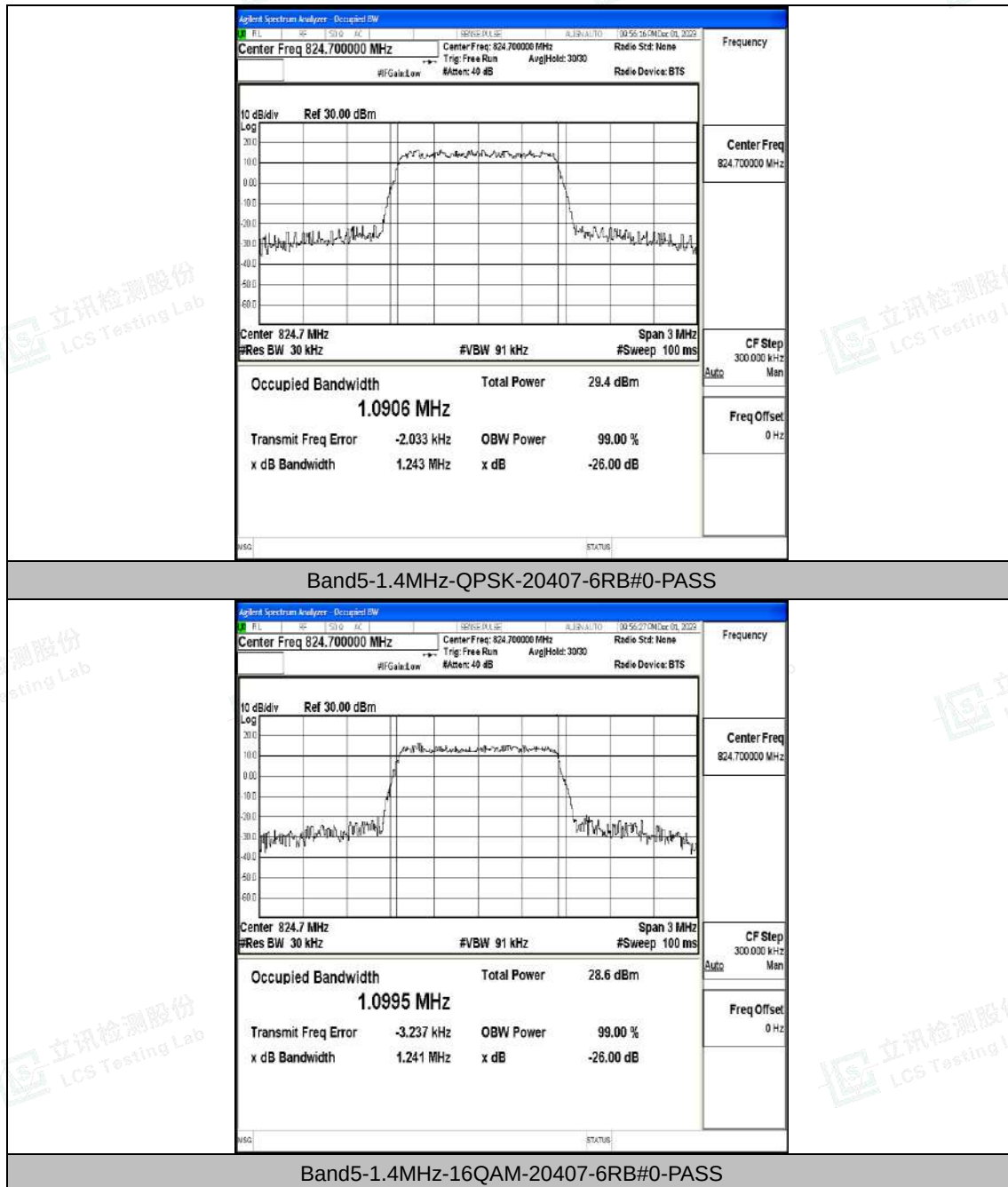
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Test Graphs

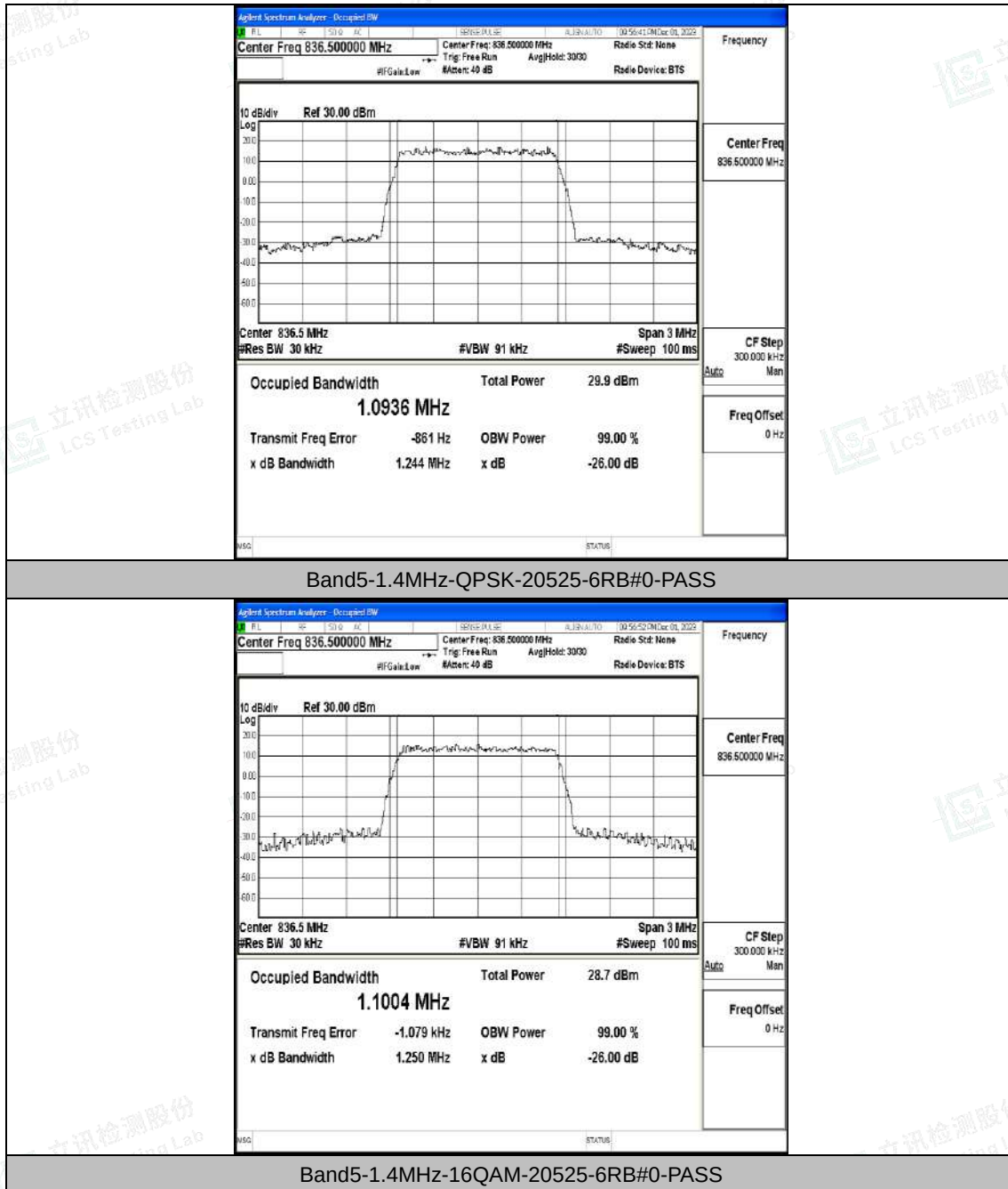


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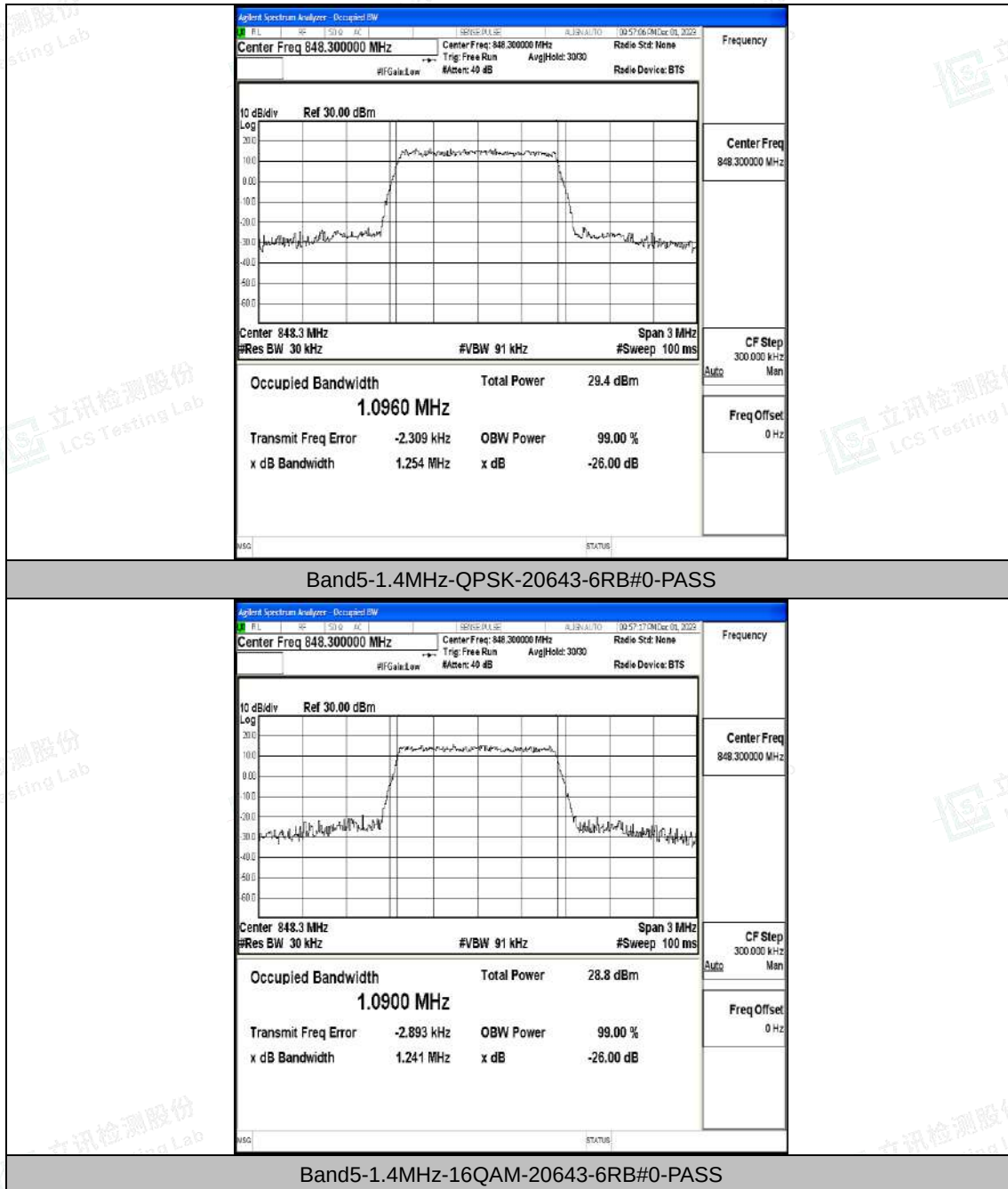


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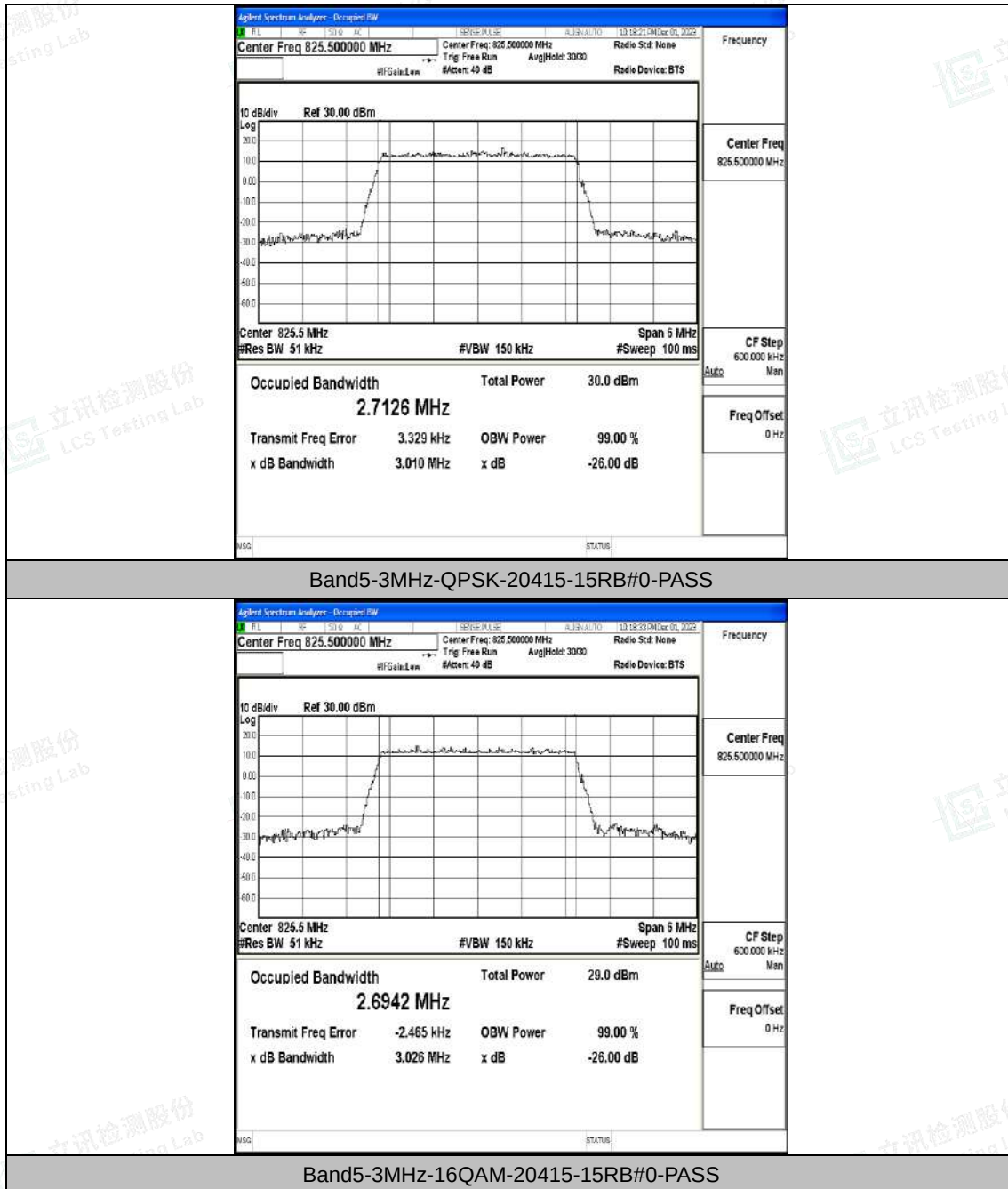


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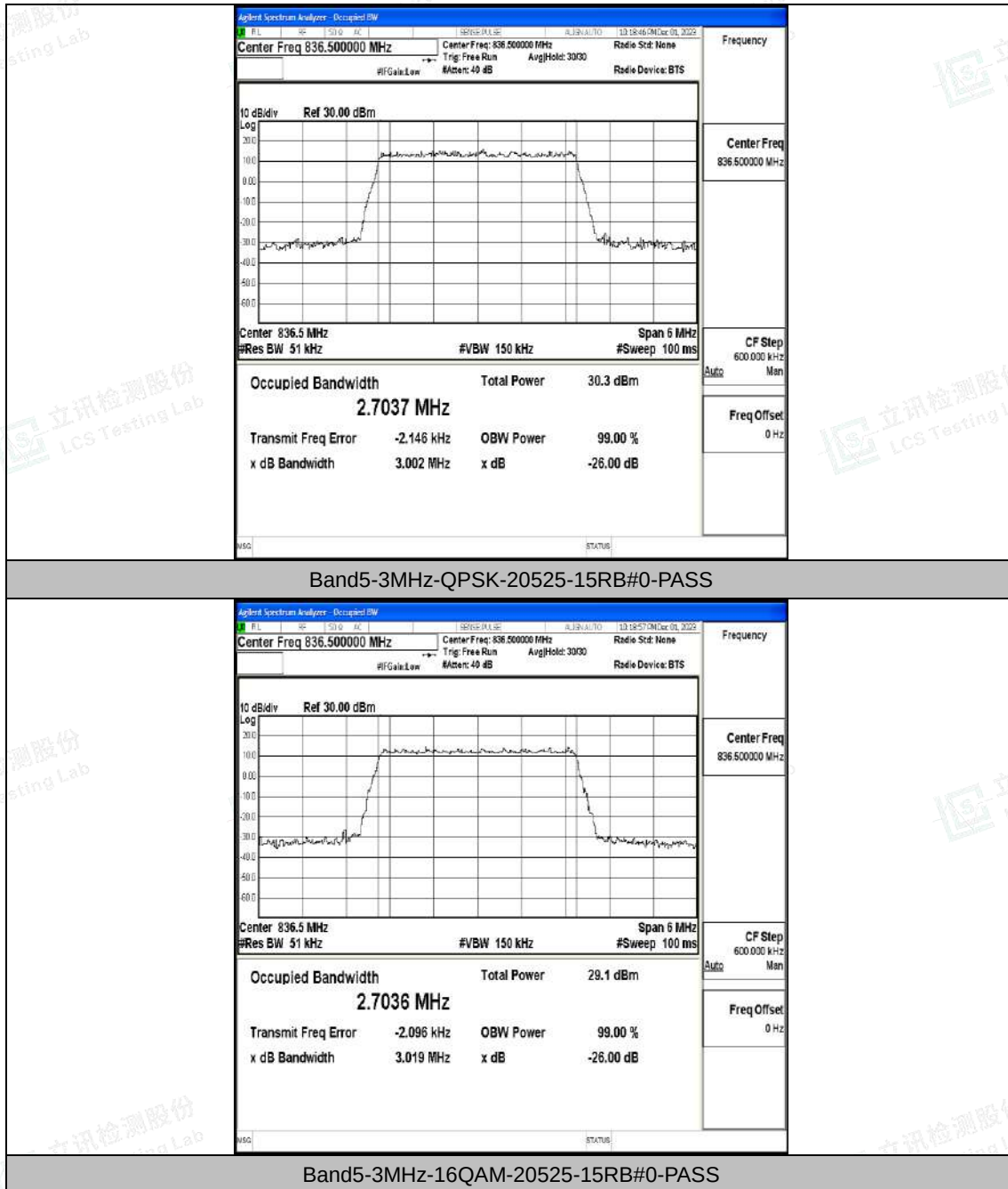


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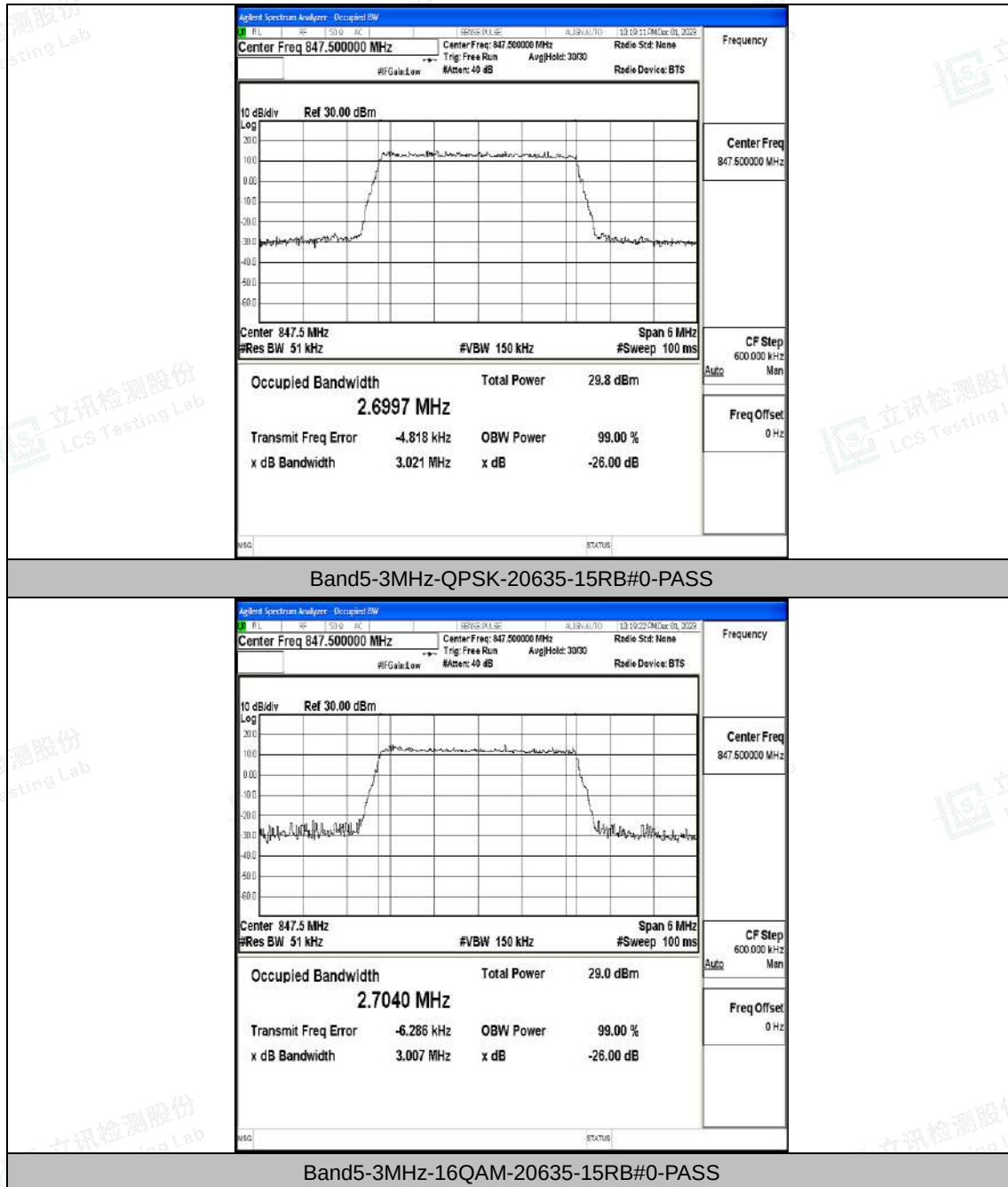


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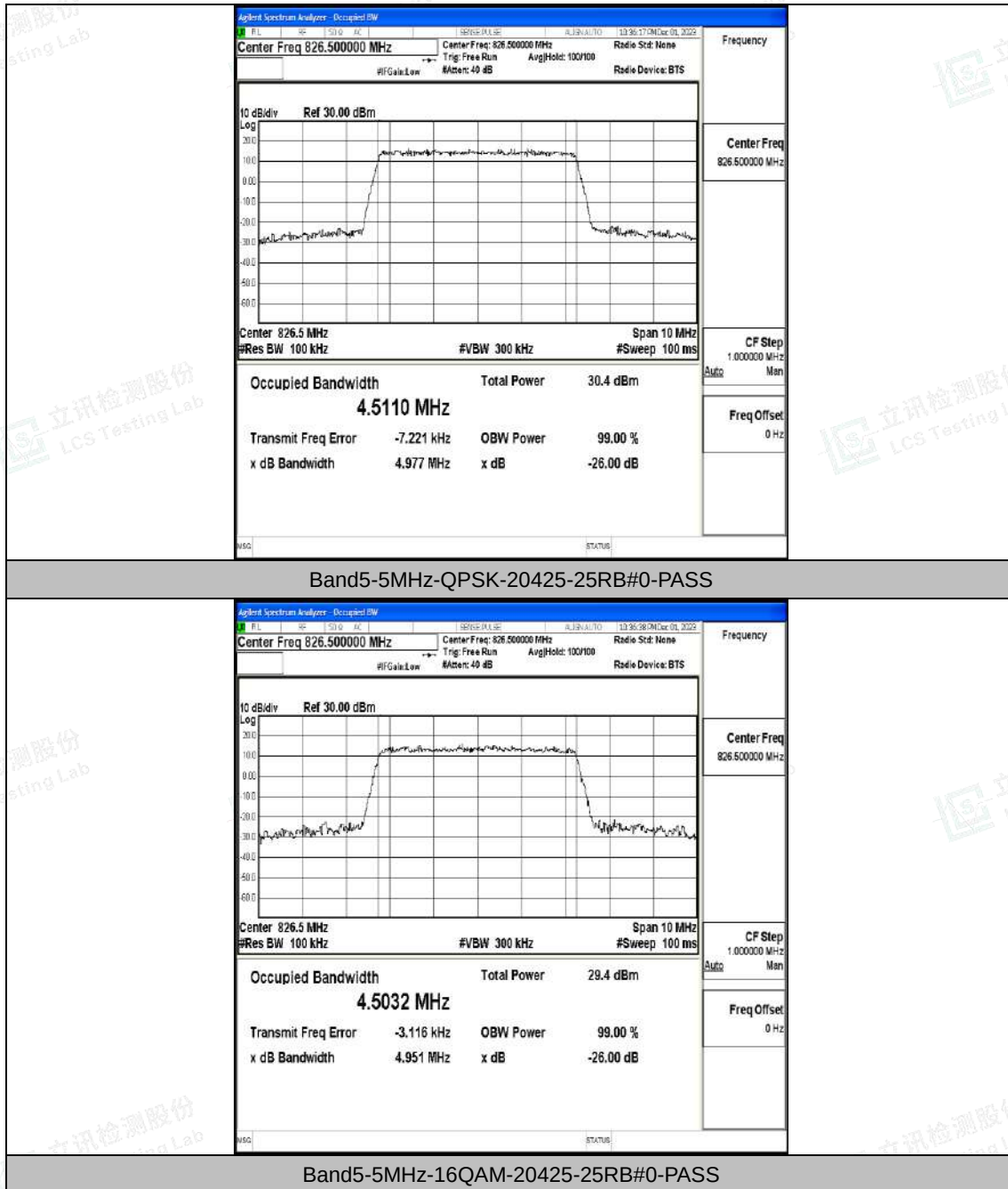


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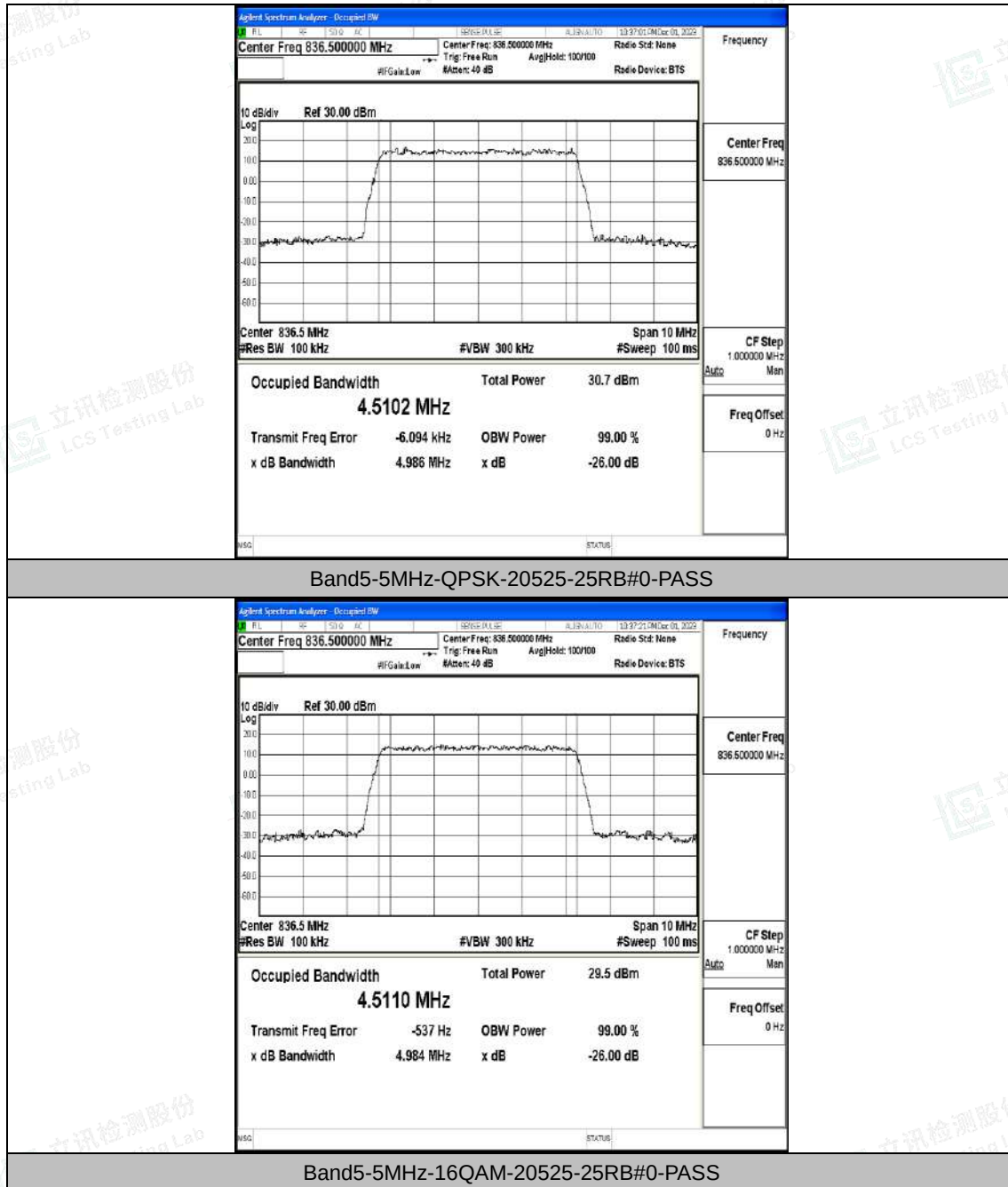


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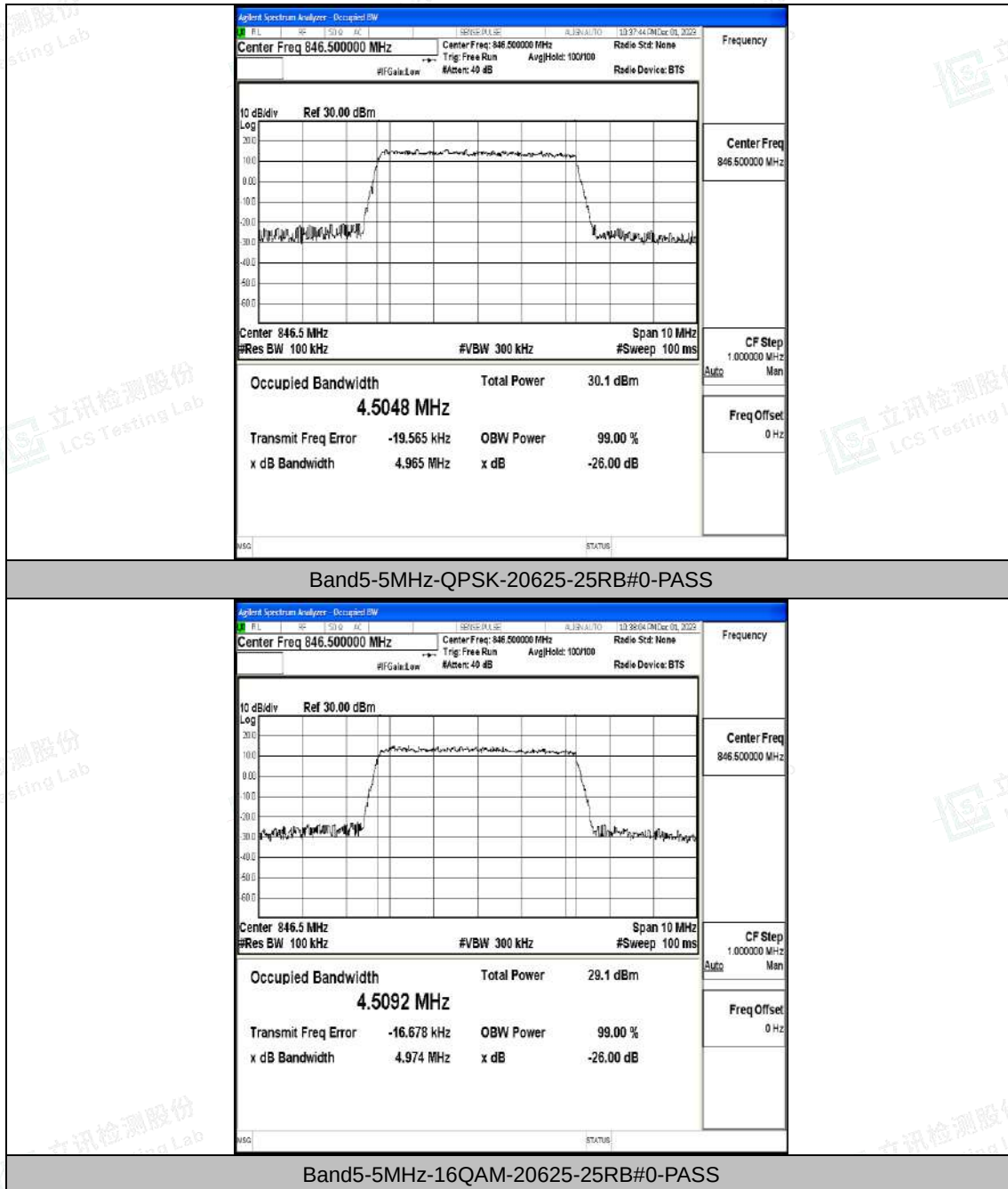


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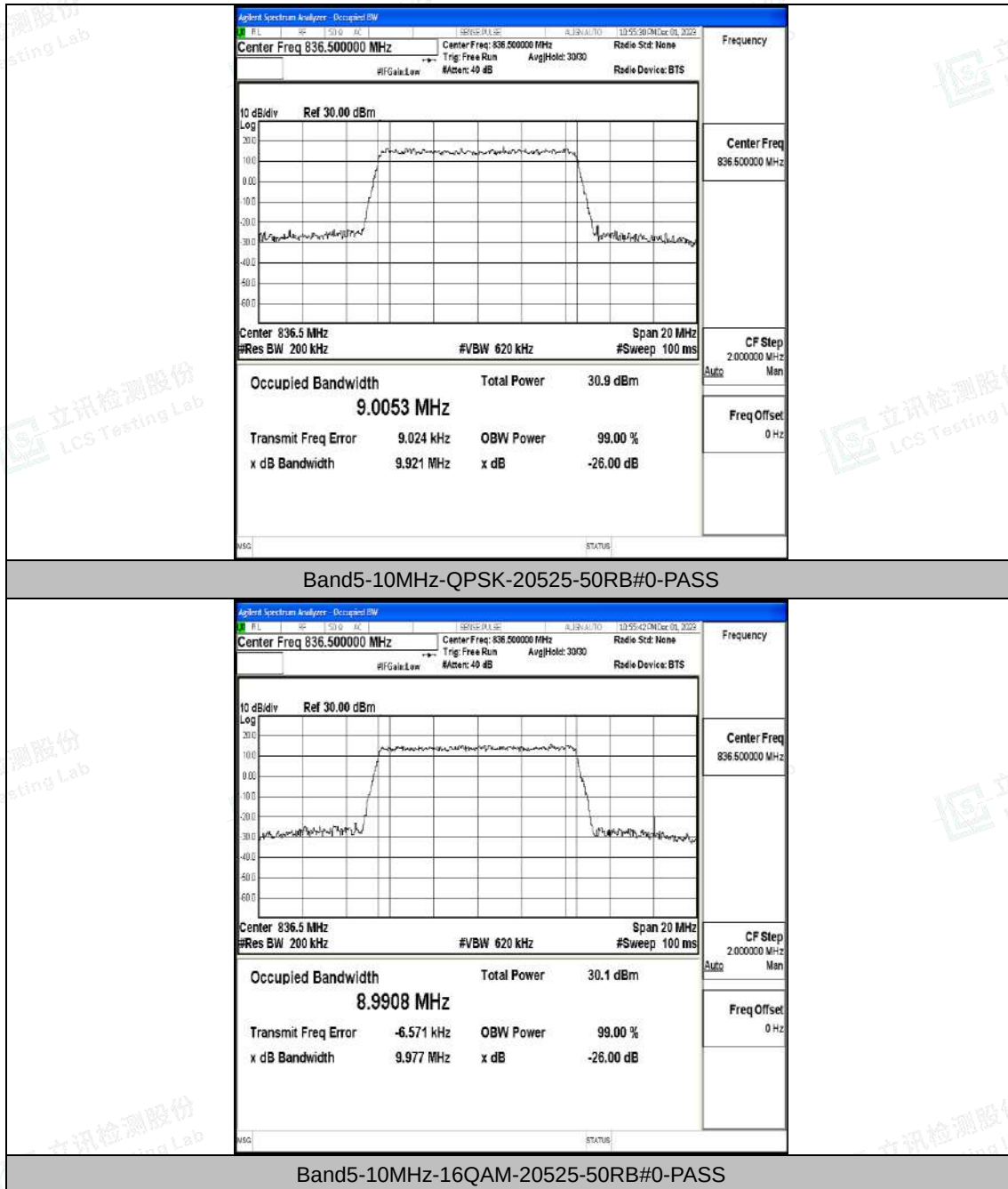


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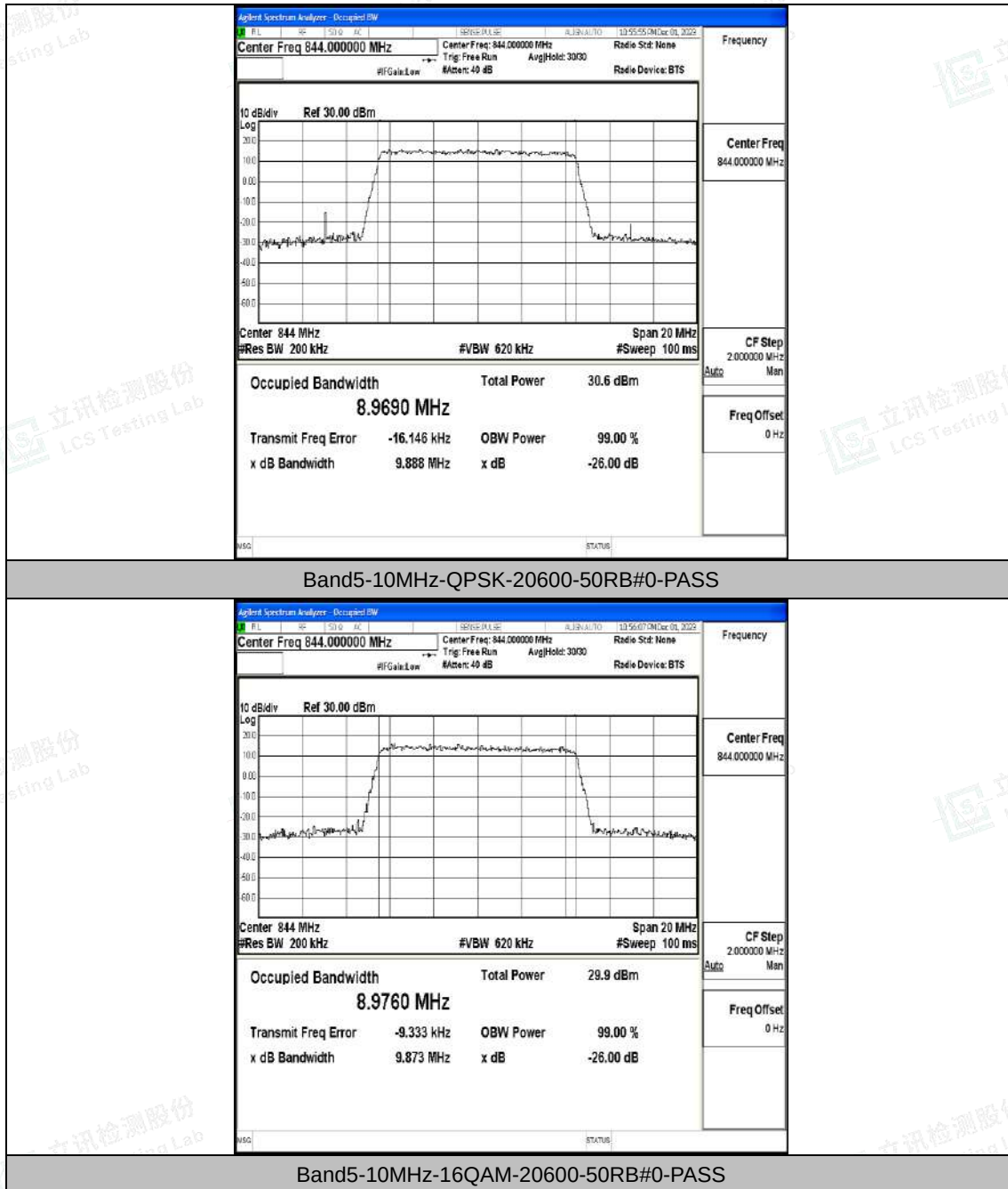


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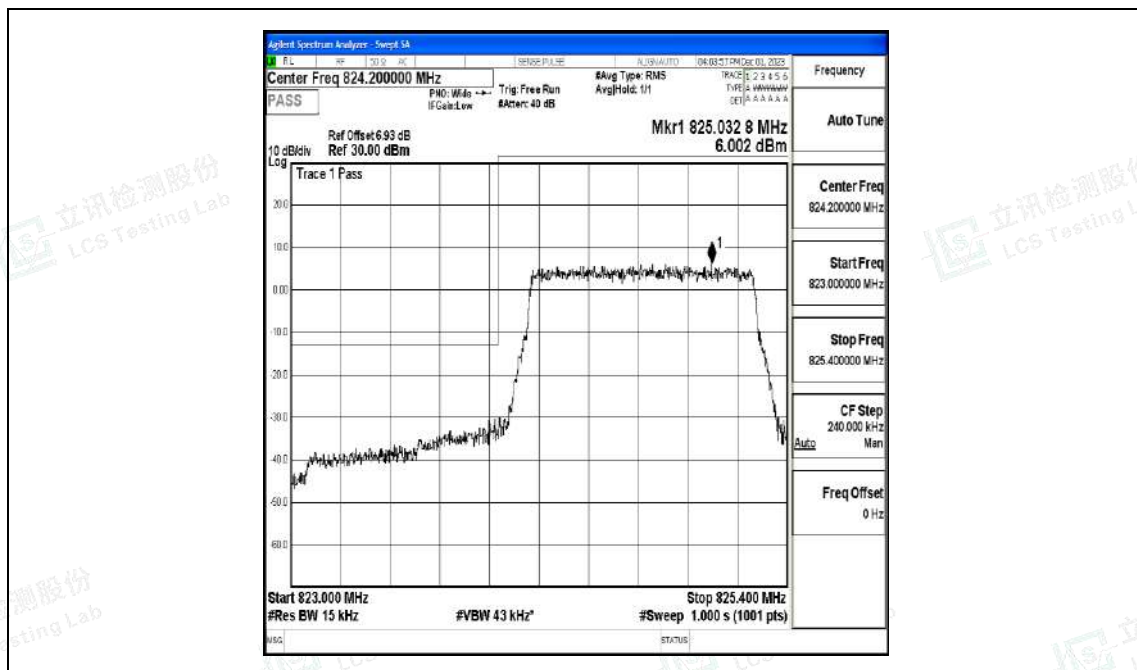


F.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	823.99	-30.26	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	823.99	-29.90	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	849.15	-30.64	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	849.04	-29.48	PASS
Band5	3MHz	QPSK	20415	15RB#0	823.98	-25.26	PASS
Band5	3MHz	16QAM	20415	15RB#0	824.00	-26.66	PASS
Band5	3MHz	QPSK	20635	15RB#0	849.00	-25.73	PASS
Band5	3MHz	16QAM	20635	15RB#0	849.01	-26.33	PASS
Band5	5MHz	QPSK	20425	25RB#0	824.00	-29.53	PASS
Band5	5MHz	16QAM	20425	25RB#0	824.00	-31.21	PASS
Band5	5MHz	QPSK	20625	25RB#0	849.02	-29.31	PASS
Band5	5MHz	16QAM	20625	25RB#0	849.00	-27.53	PASS
Band5	10MHz	QPSK	20450	50RB#0	823.99	-34.69	PASS
Band5	10MHz	16QAM	20450	50RB#0	823.98	-35.35	PASS
Band5	10MHz	QPSK	20600	50RB#0	849.03	-31.56	PASS
Band5	10MHz	16QAM	20600	50RB#0	849.09	-33.48	PASS

Test Graphs



Shenzhen LCS Compliance Testing Laboratory Ltd.

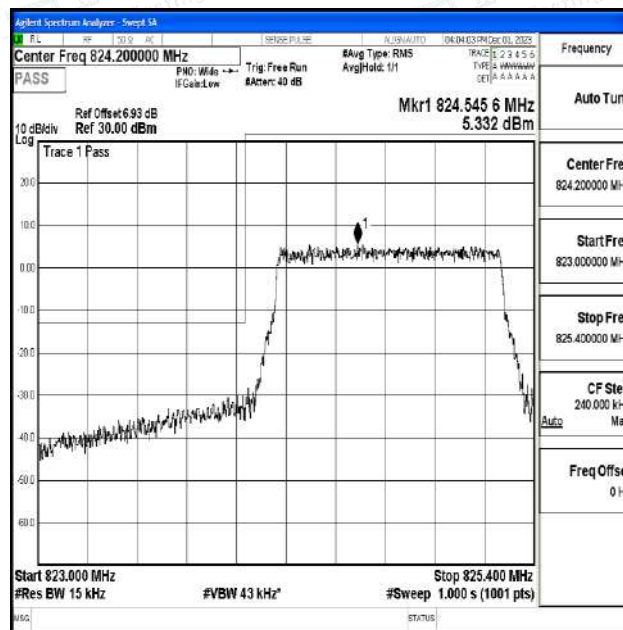
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

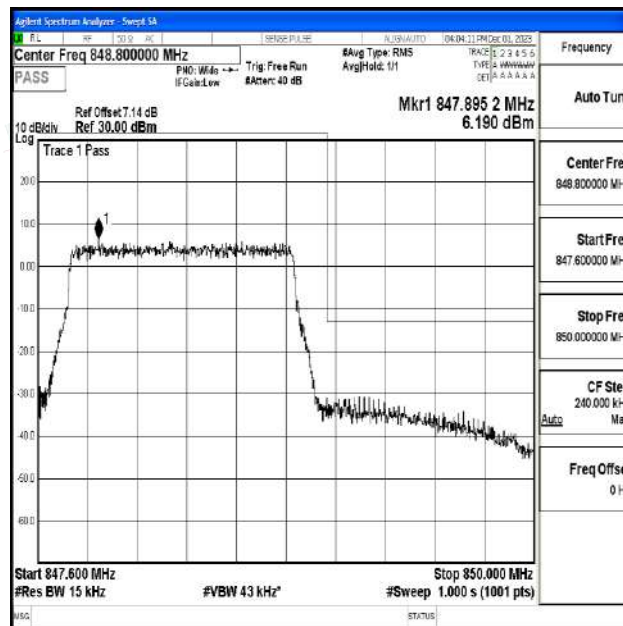
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Band5_1.4MHz_QPSK_20407_6RB#0



Band5_1.4MHz_16QAM_20407_6RB#0



Band5_1.4MHz_QPSK_20643_6RB#0

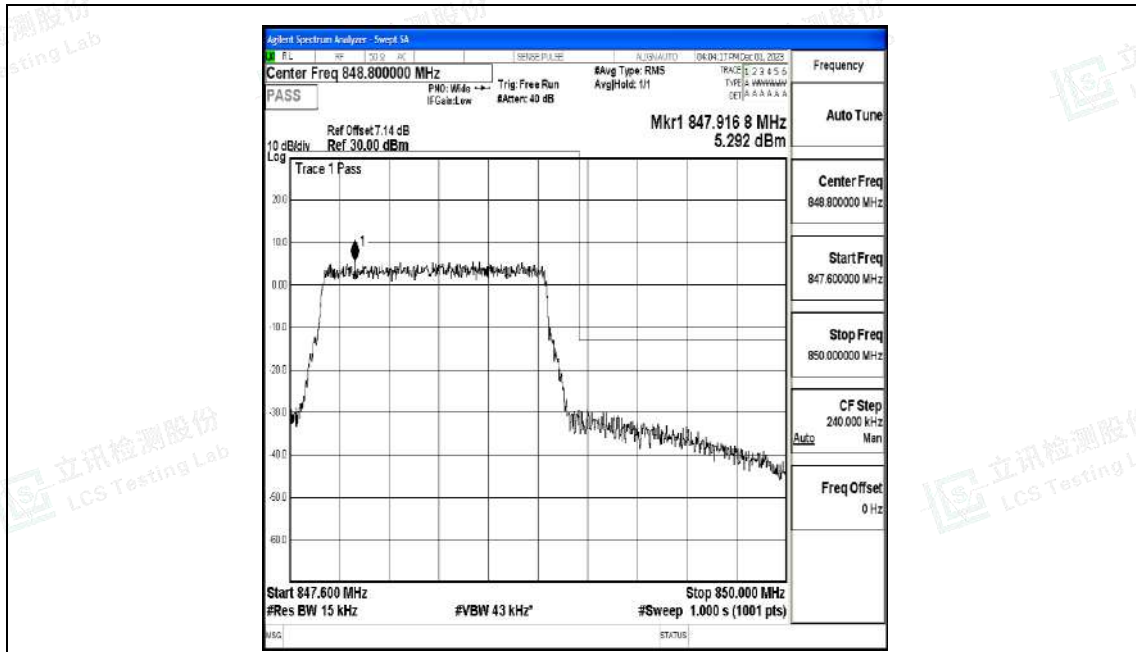


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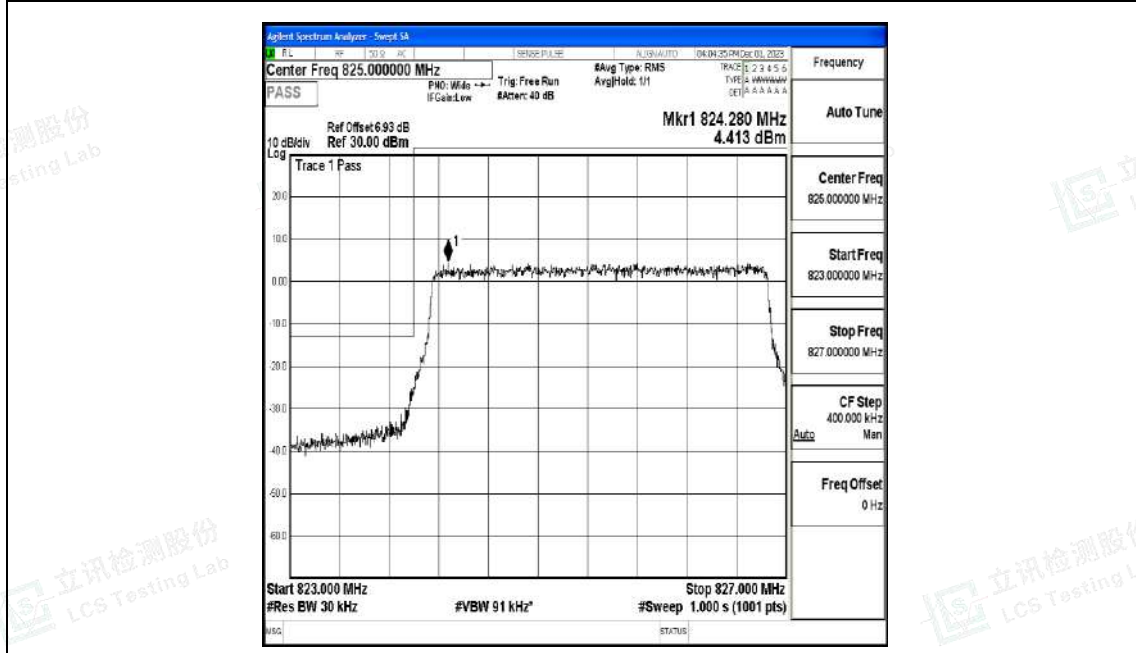
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Band5_1.4MHz_16QAM_20643_6RB#0



Band5_3MHz_QPSK_20415_15RB#0

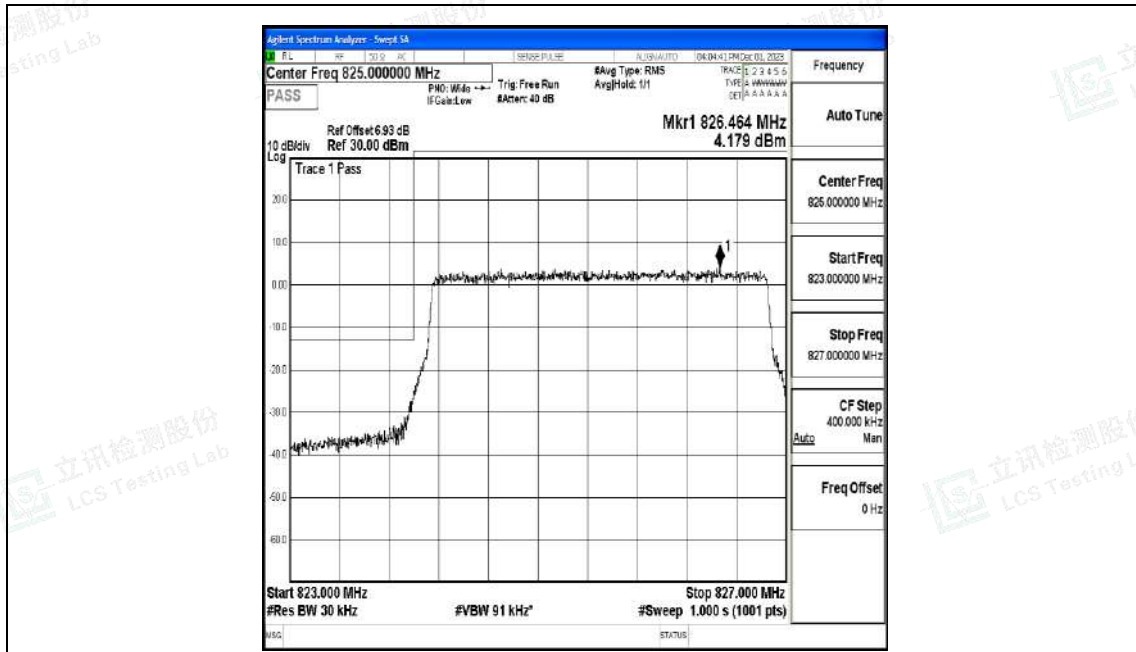


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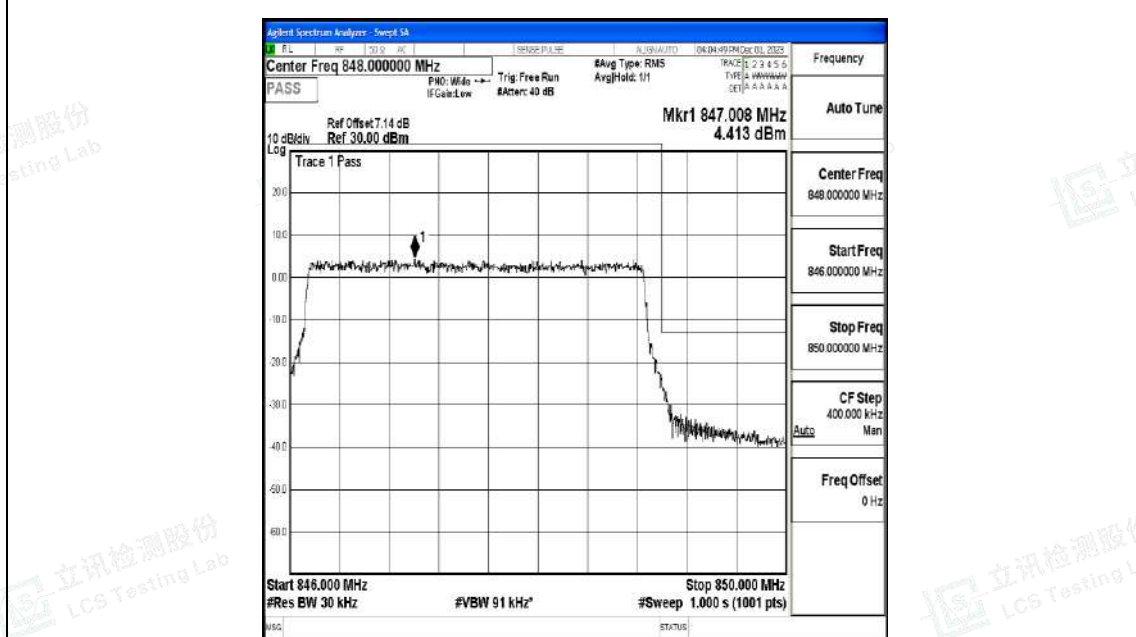
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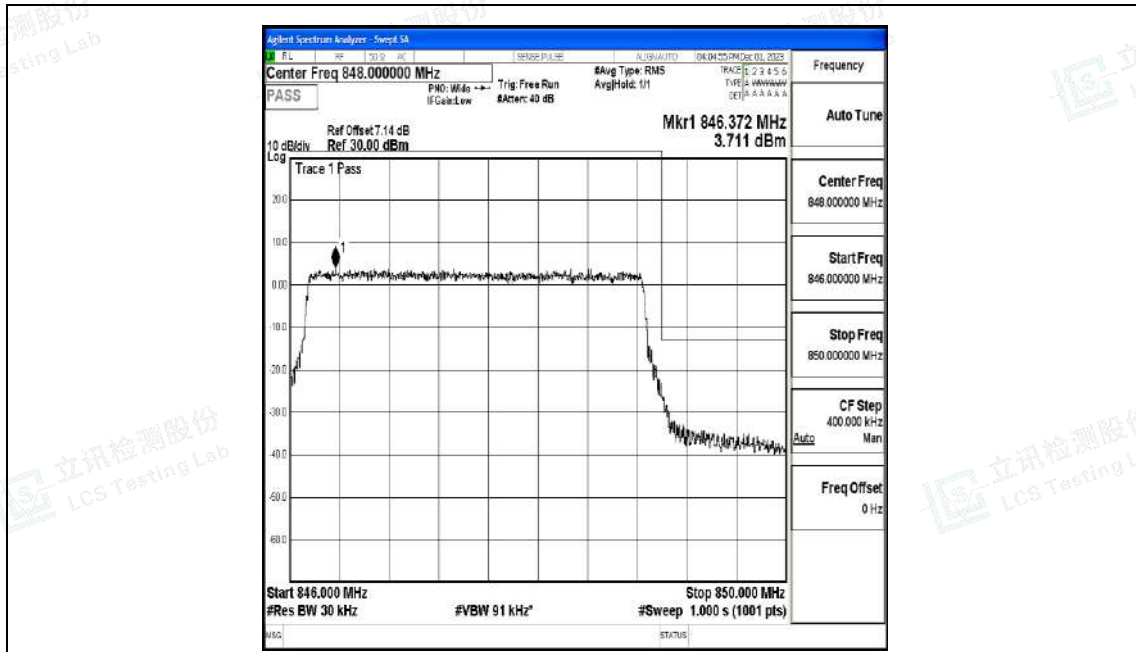


Band5_3MHz_16QAM_20415_15RB#0

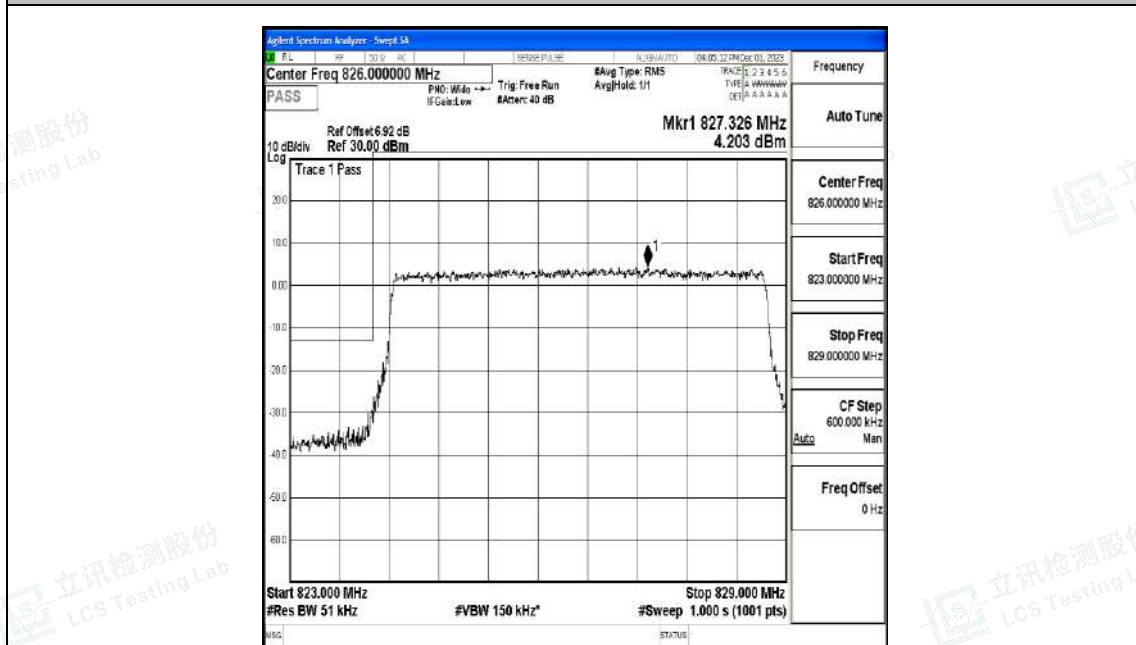


Band5_3MHz_QPSK_20635_15RB#0





Band5_3MHz_16QAM_20635_15RB#0



Band5_5MHz_QPSK_20425_25RB#0

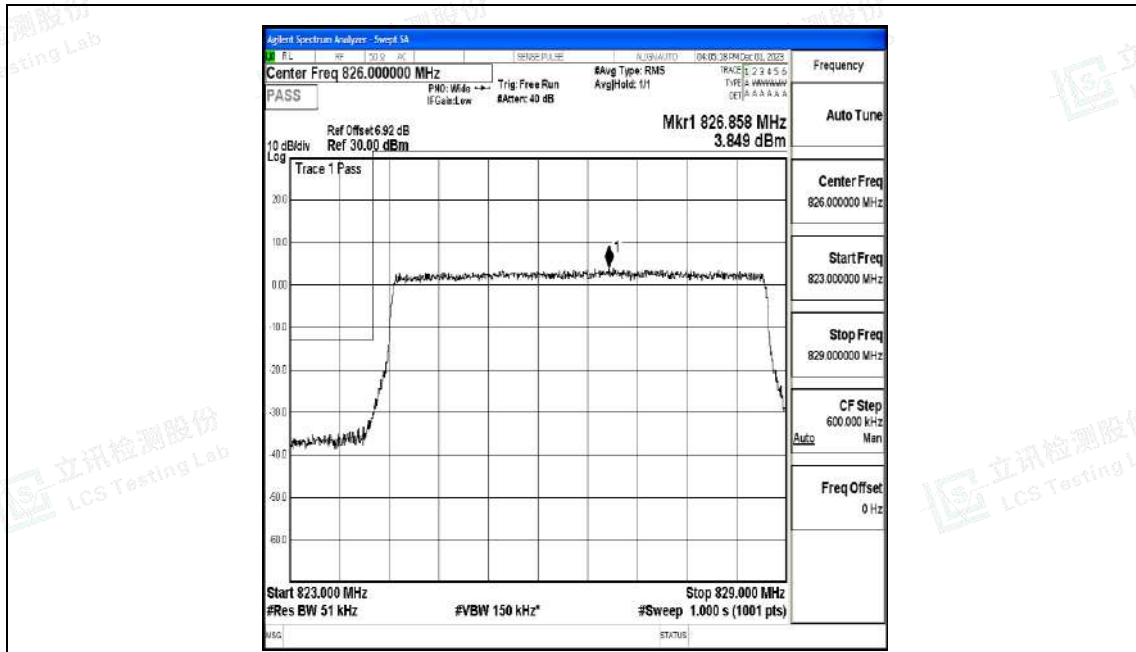


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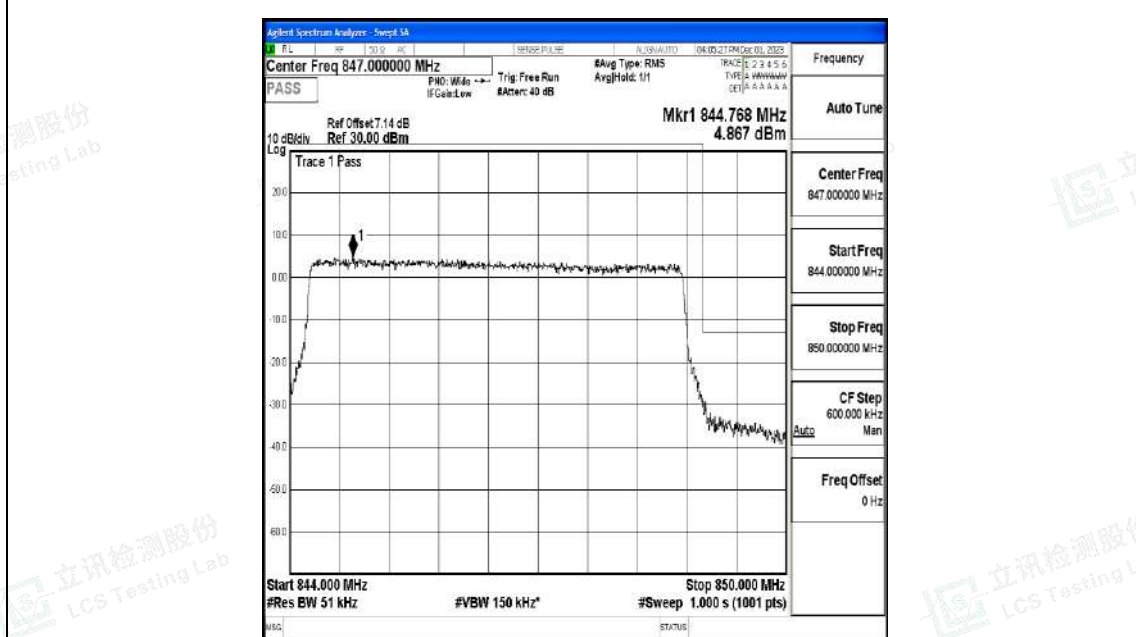
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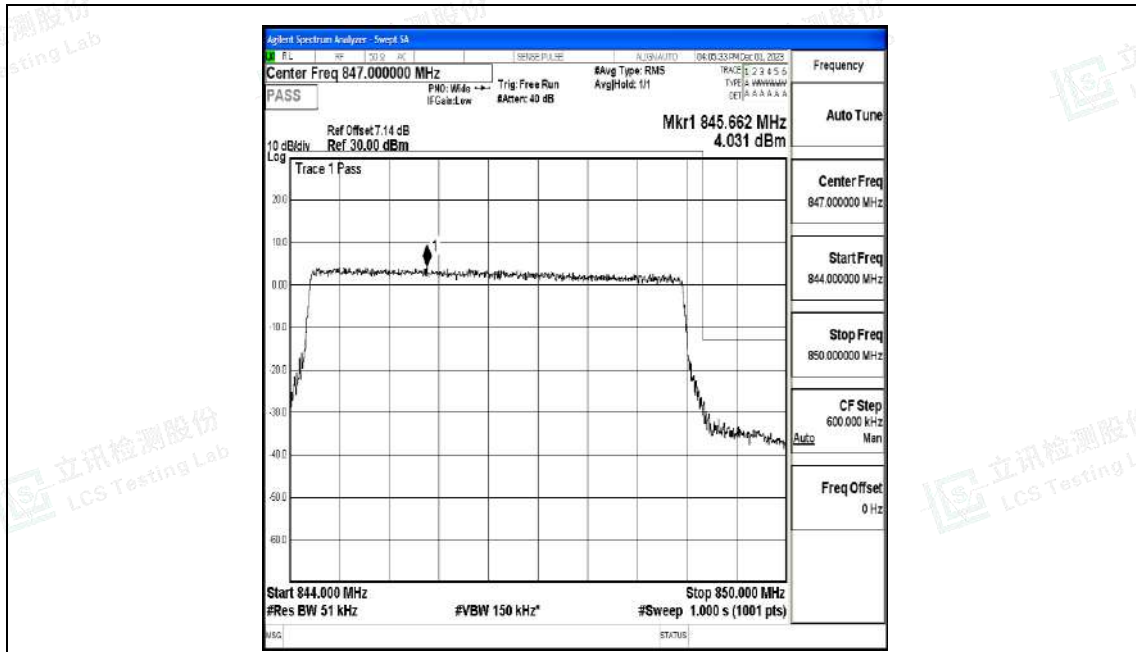


Band5_5MHz_16QAM_20425_25RB#0

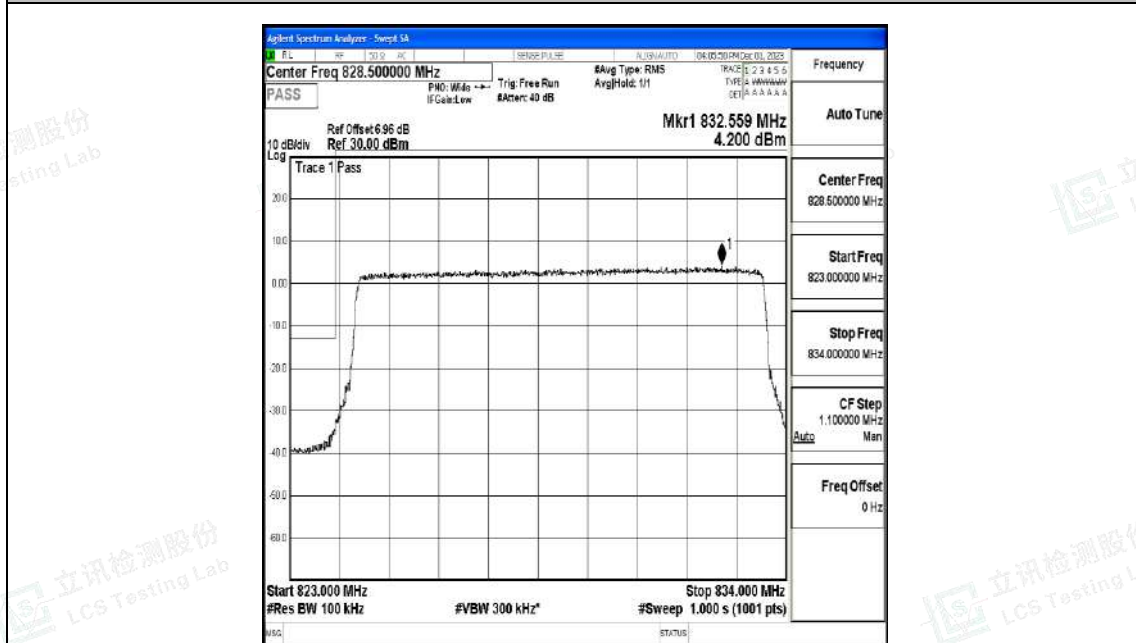


Band5_5MHz_QPSK_20625_25RB#0





Band5_5MHz_16QAM_20625_25RB#0



Band5_10MHz_QPSK_20450_50RB#0

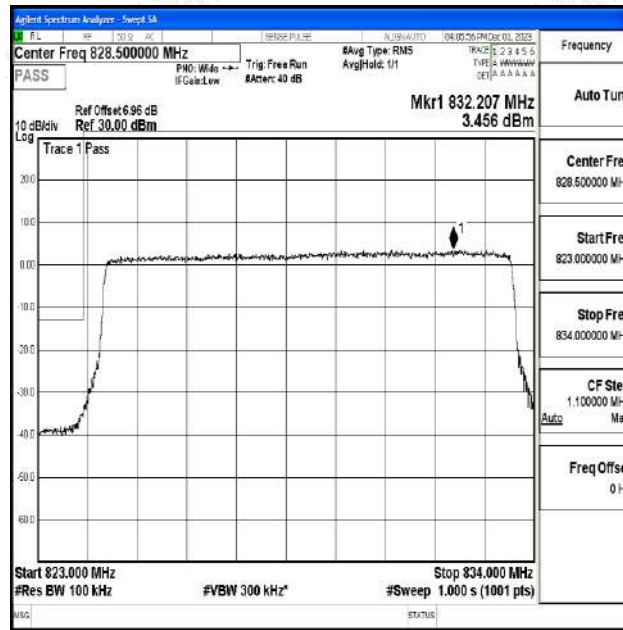


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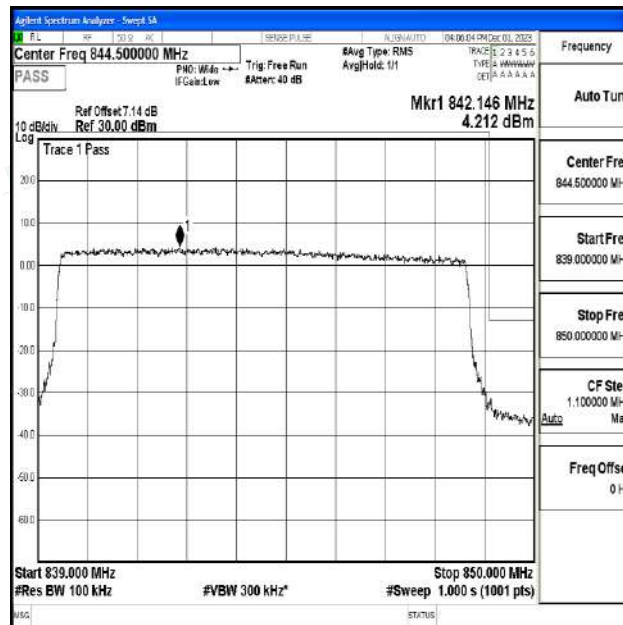
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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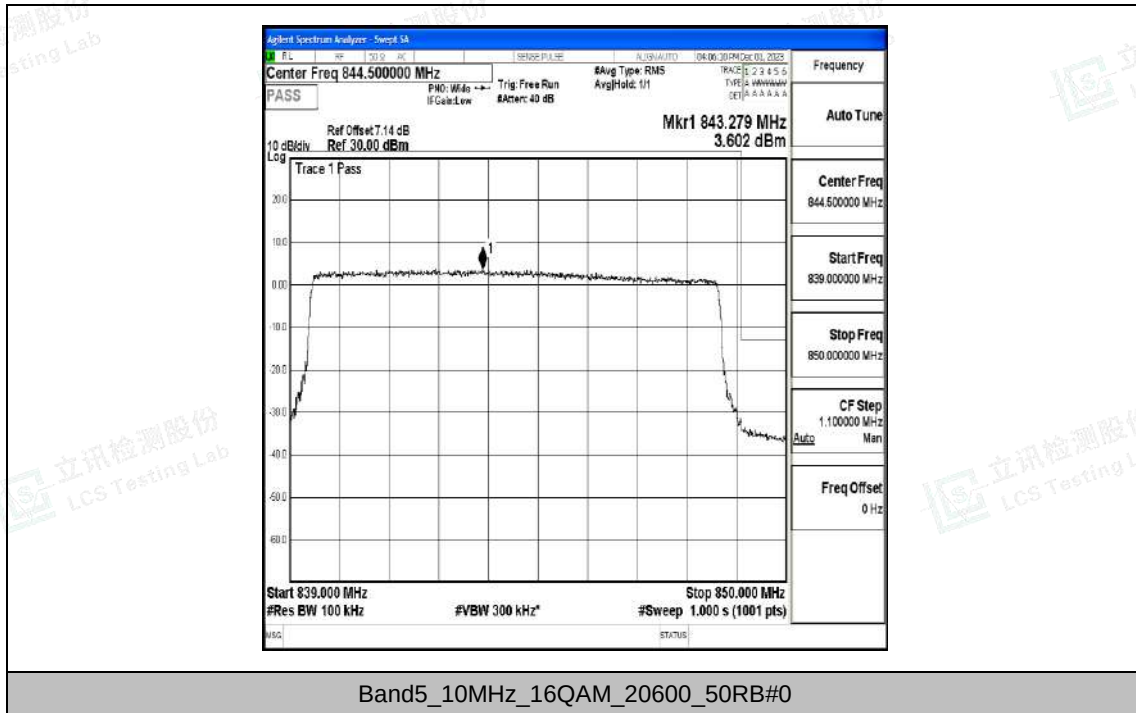


Band5_10MHz_16QAM_20450_50RB#0



Band5_10MHz_QPSK_20600_50RB#0







F.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	0.009~0.15	-56.17	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-51.84	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-59.48	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-41.86	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-43.39	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-56.17	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-50.30	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-59.07	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-41.08	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-44.12	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-58.71	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-51.29	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-59.73	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-43.00	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-44.15	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-53.76	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-51.61	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-59.50	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-42.00	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-44.04	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-54.93	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-53.99	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-58.93	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-44.73	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-44.11	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-56.80	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-52.01	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-58.44	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-43.40	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-44.20	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-58.11	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-53.81	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-60.37	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-42.16	PASS



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Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-43.37	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-58.39	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-50.89	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-60.21	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-41.92	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-43.54	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-57.01	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-51.30	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-58.89	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-42.85	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-43.93	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-56.83	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-51.58	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-59.70	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-44.63	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-43.81	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-57.43	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-53.23	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-59.04	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-45.15	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-44.14	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-59.63	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-51.79	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-51.67	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-45.91	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-44.24	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-58.22	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-54.57	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-61.63	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-41.75	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-42.48	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-58.59	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-50.65	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-61.90	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-43.14	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-43.33	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-57.69	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-54.34	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-61.10	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-44.11	PASS



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Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-43.87	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-59.92	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-51.13	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-60.71	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-44.05	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-43.79	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-56.92	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-52.39	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-61.46	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-43.34	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-43.53	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-61.06	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-51.19	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-61.51	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-43.02	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-44.12	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-56.76	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-52.31	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-61.69	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-42.04	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-43.74	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-56.16	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-51.38	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-62.05	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-41.97	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-43.88	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-56.81	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-52.63	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-62.18	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-44.72	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-43.91	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-60.20	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-52.15	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-61.96	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-44.14	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-43.88	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-58.47	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-53.20	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-61.79	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-42.29	PASS



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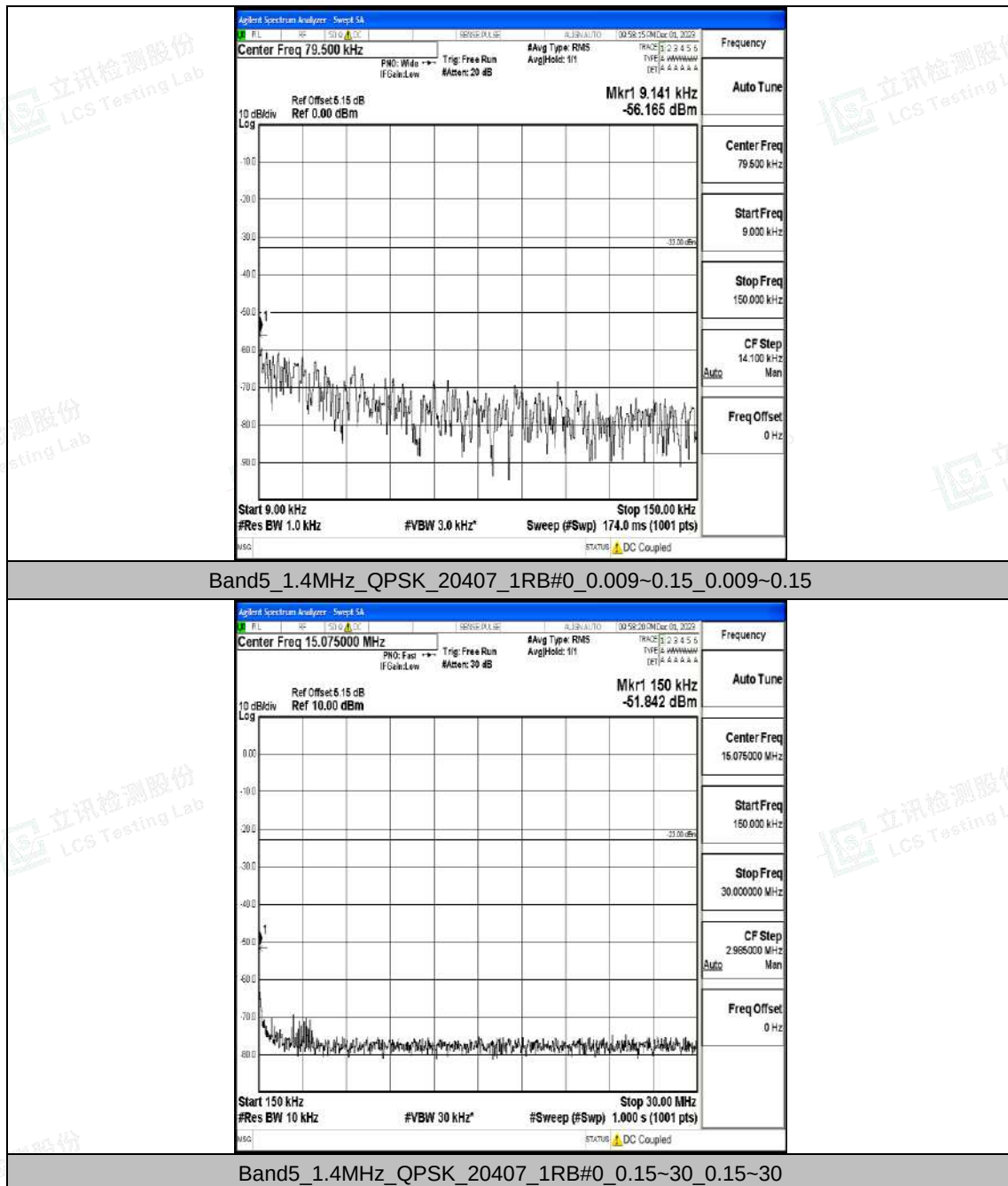
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Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-43.96	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-57.01	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-52.58	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-61.76	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-43.54	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-44.05	PASS

Test Graphs

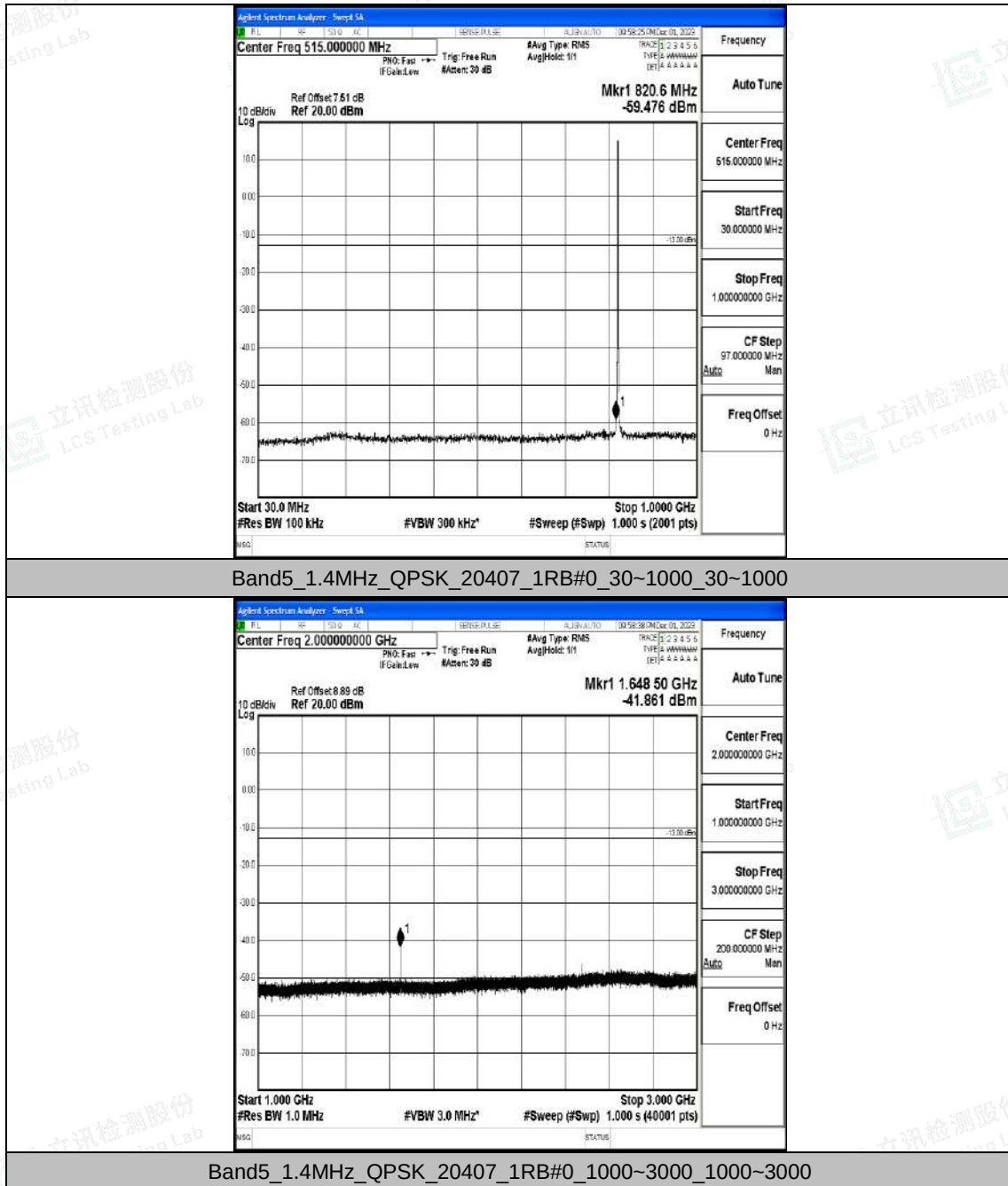


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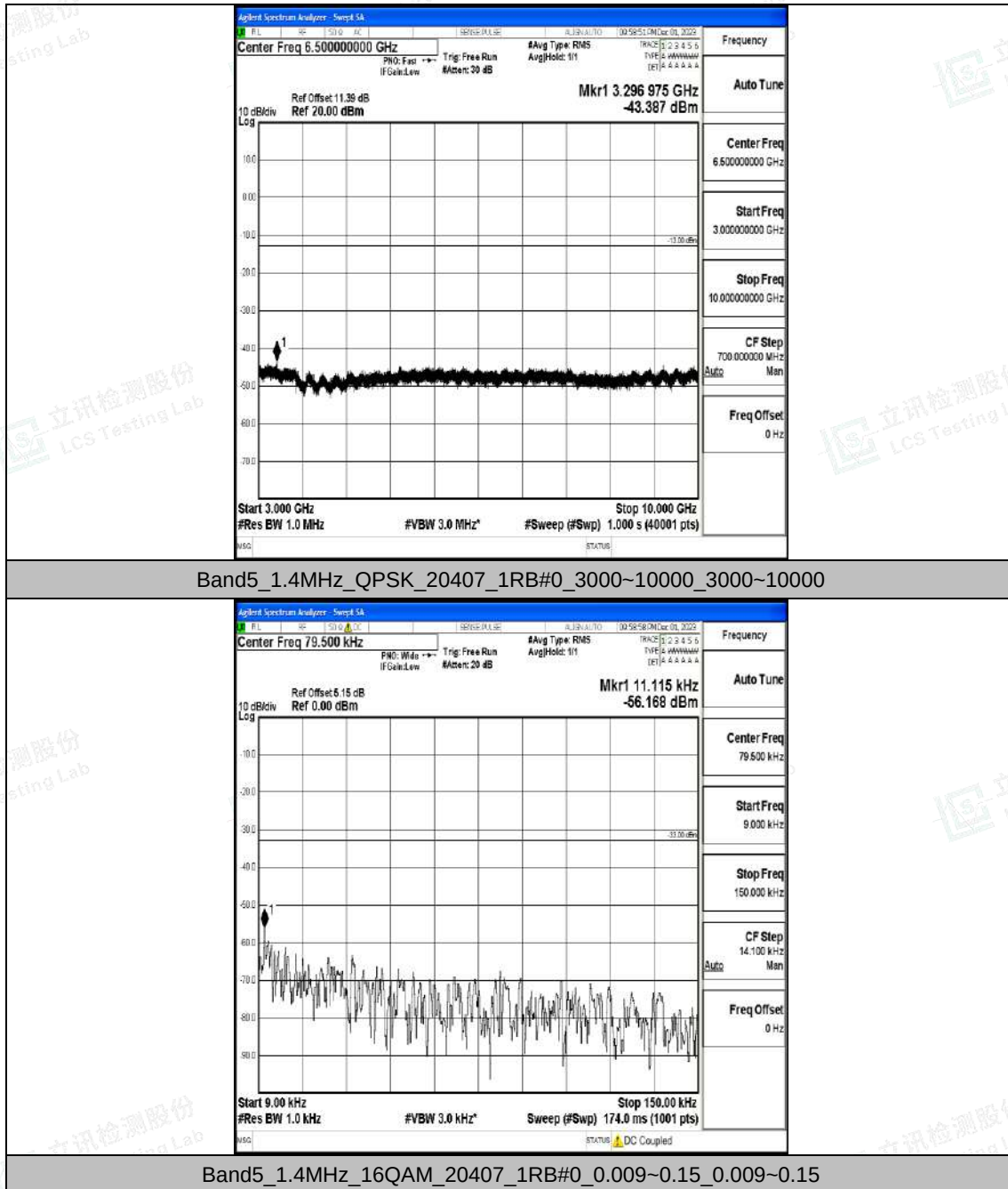


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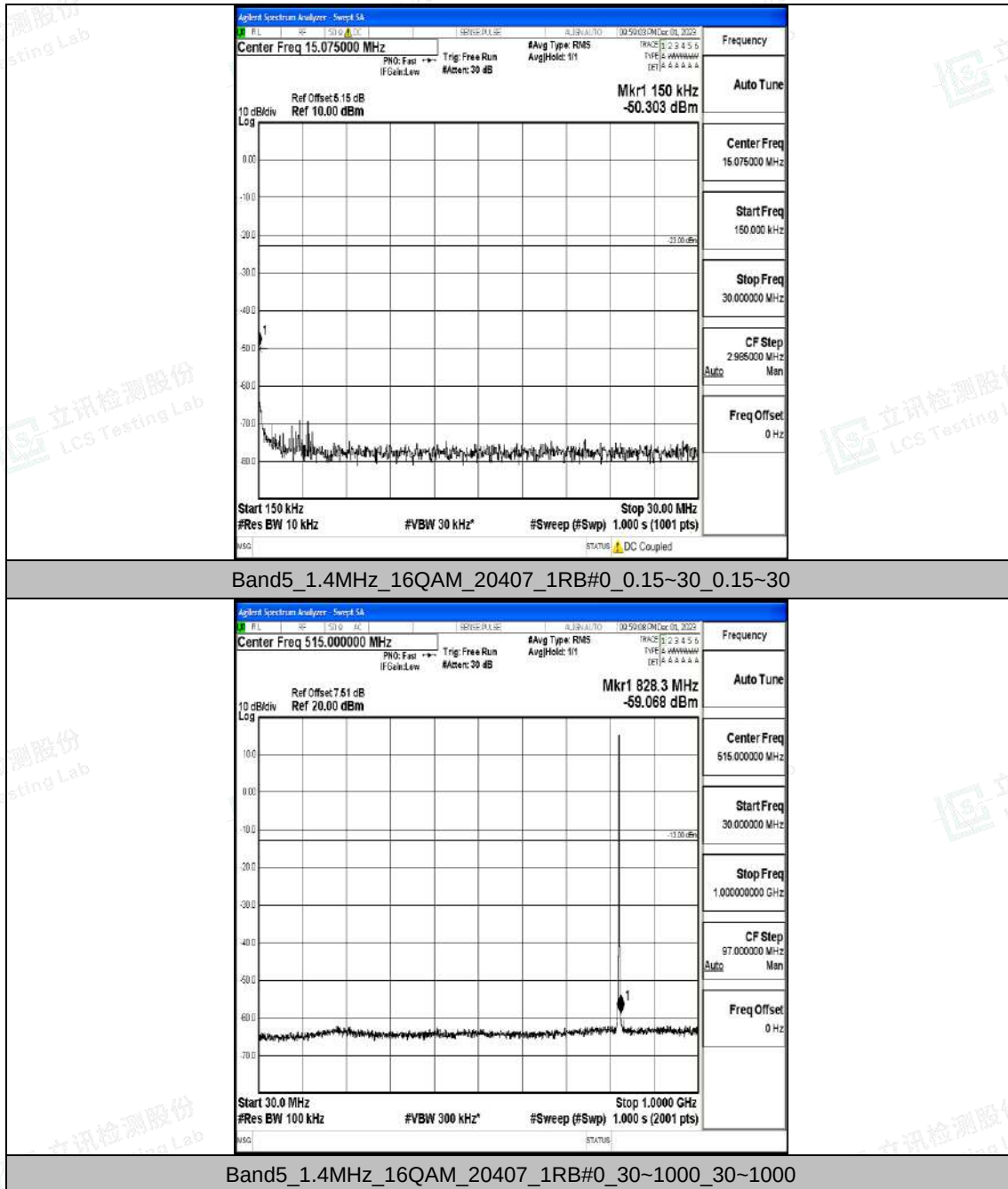


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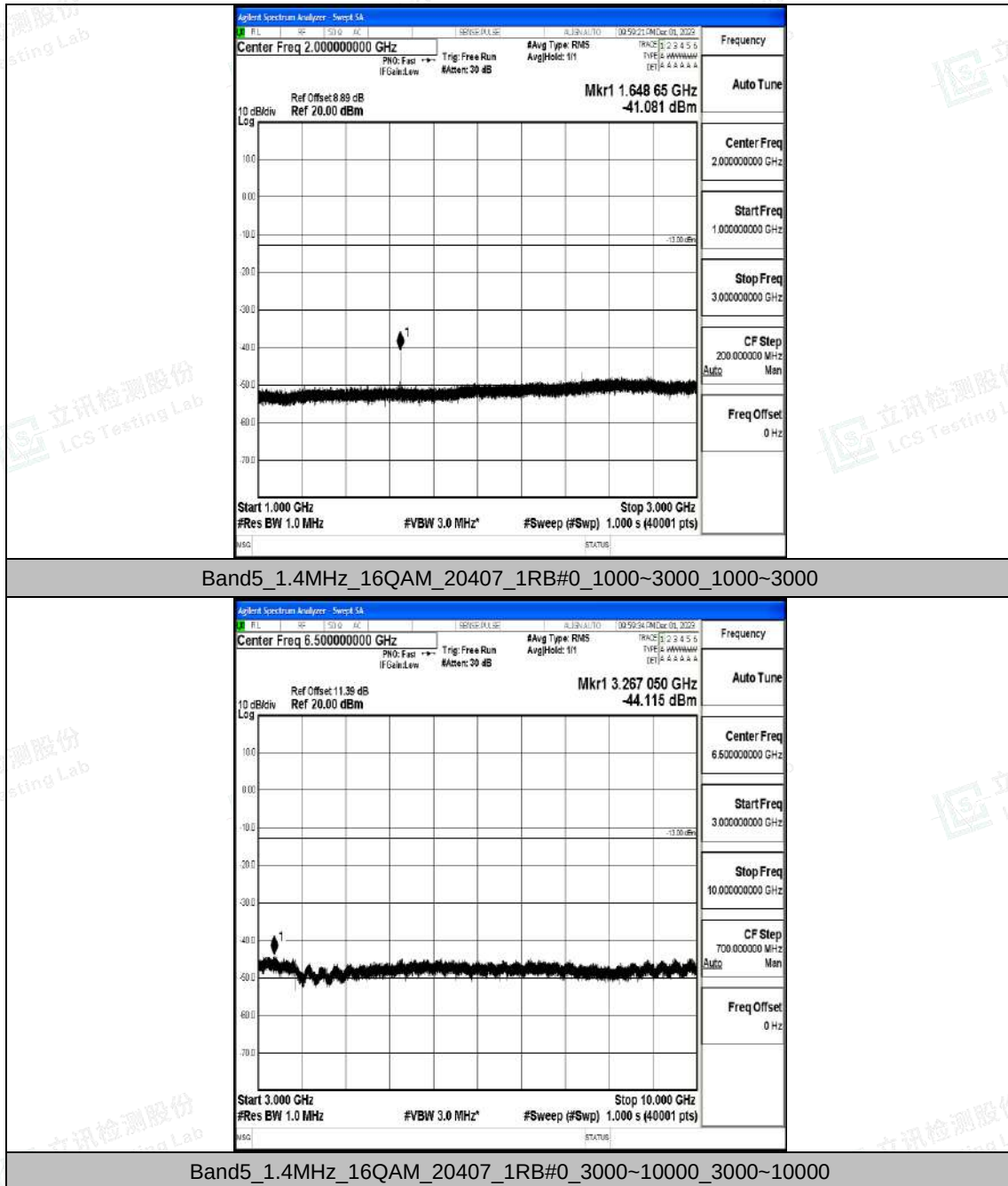


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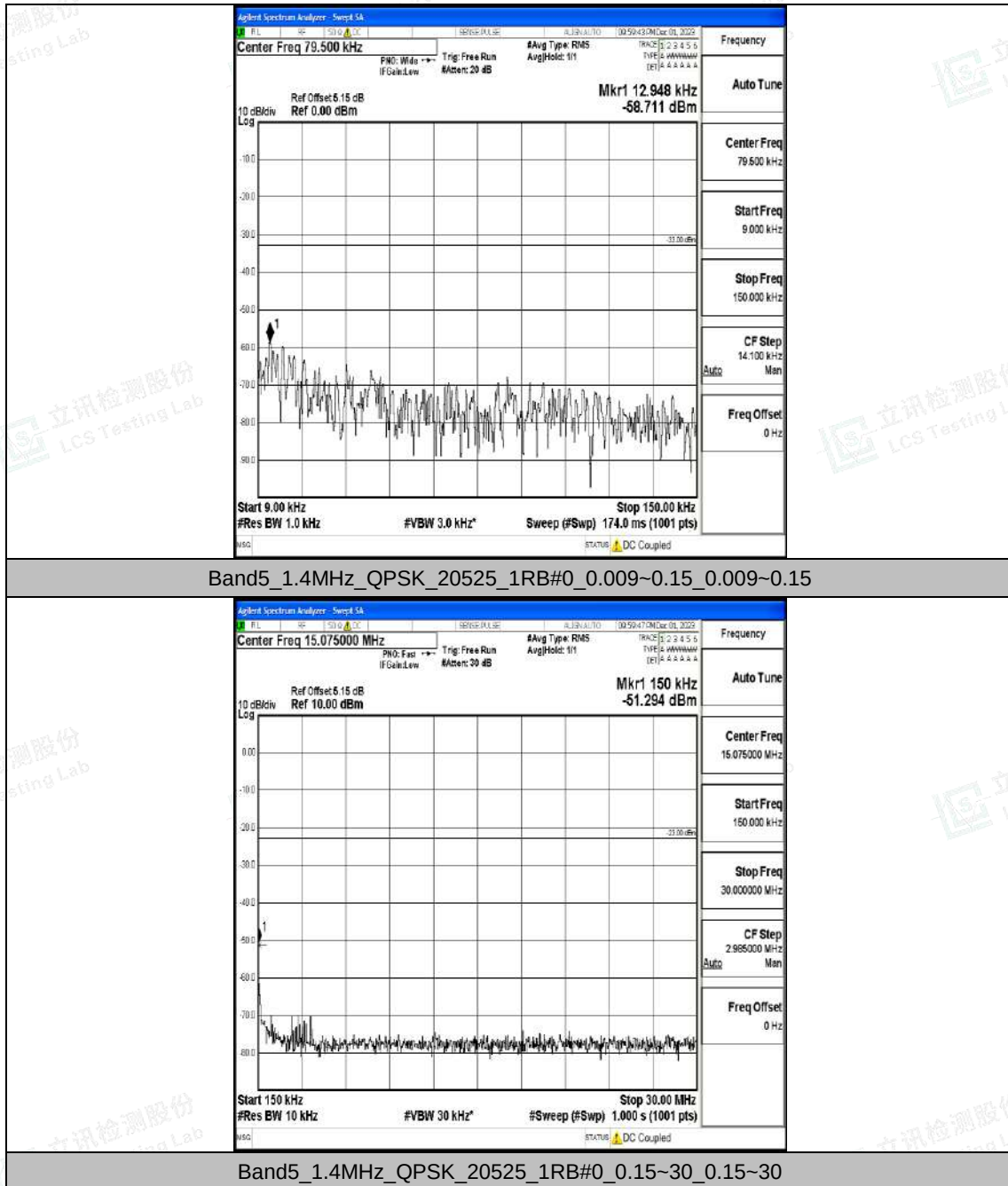


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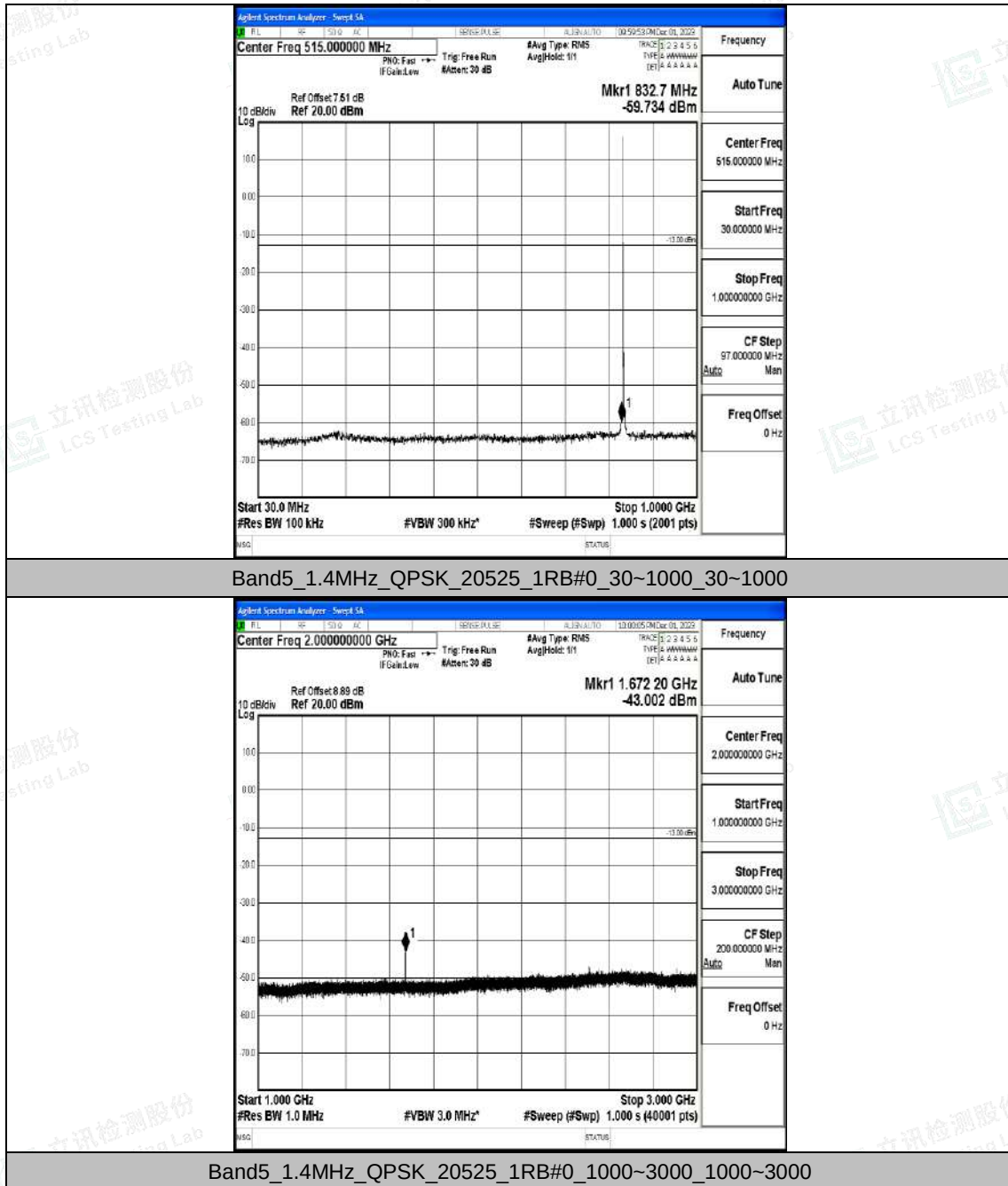


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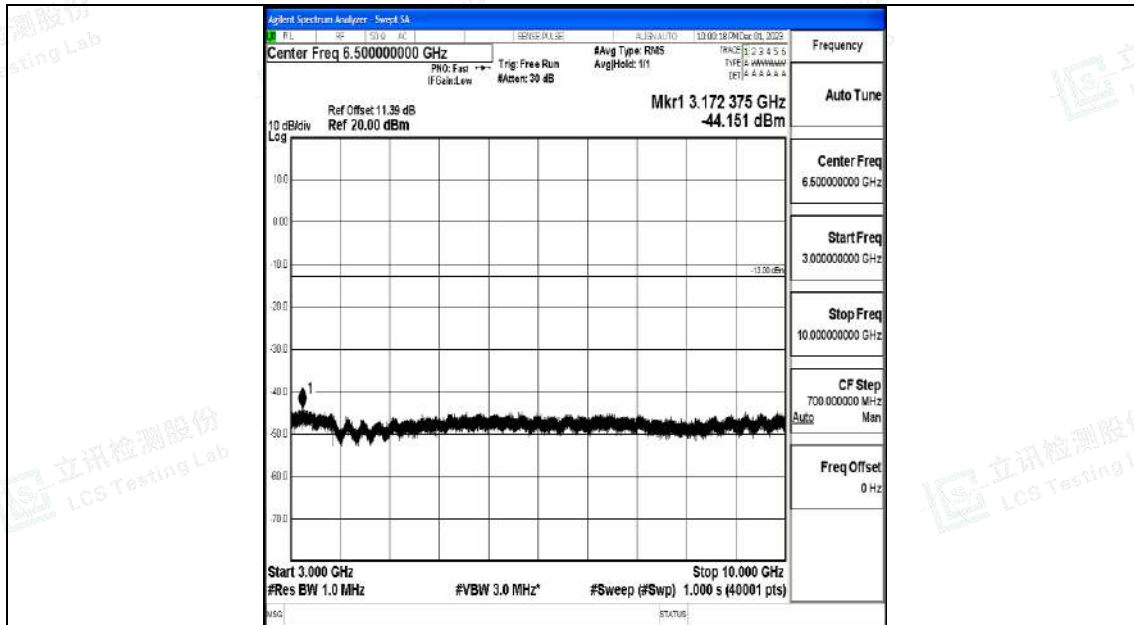


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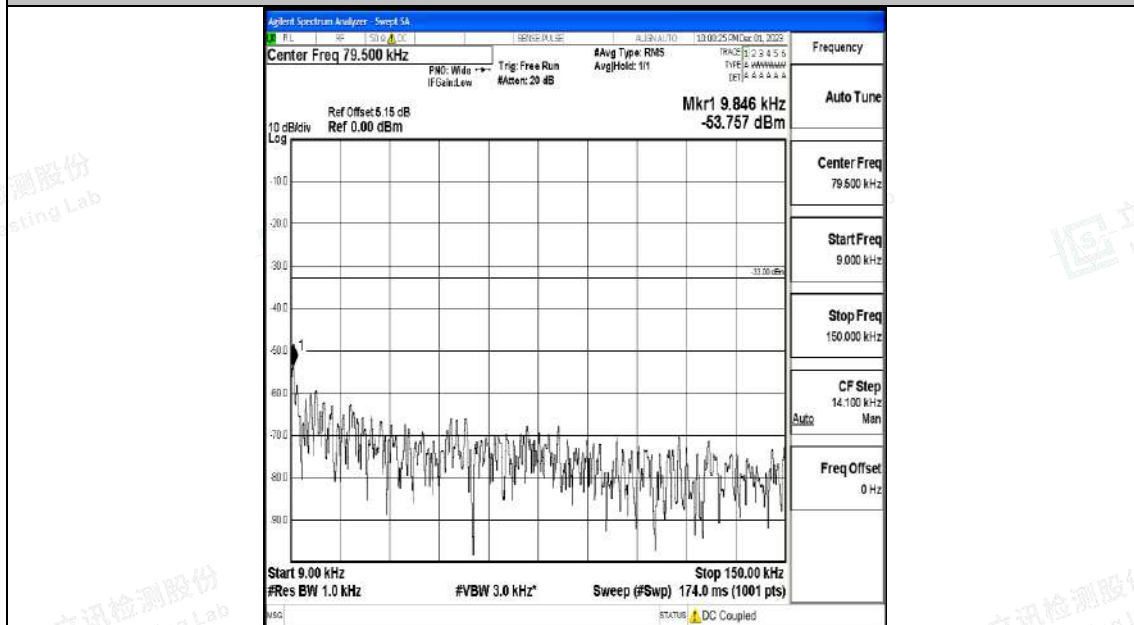
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Band5_1.4MHz_QPSK_20525_1RB#0_3000~10000_3000~10000



Band5_1.4MHz_16QAM_20525_1RB#0_0.009~0.15_0.009~0.15

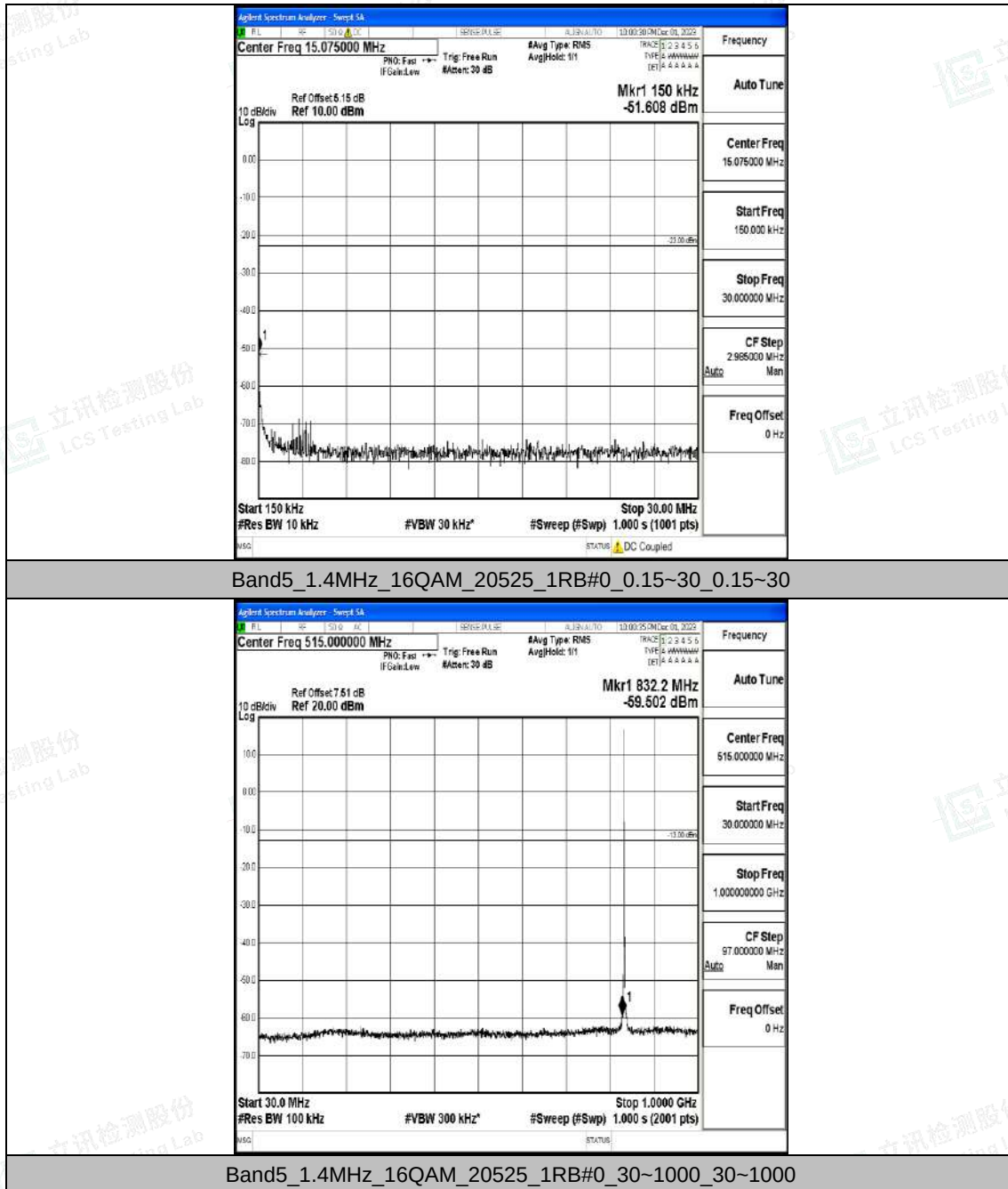


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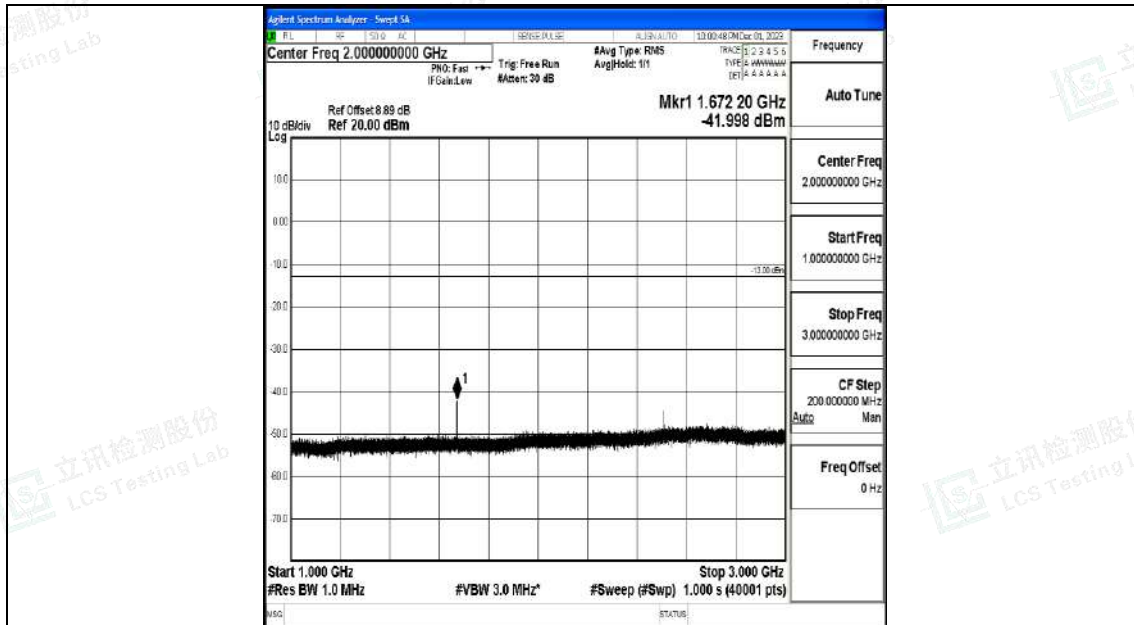


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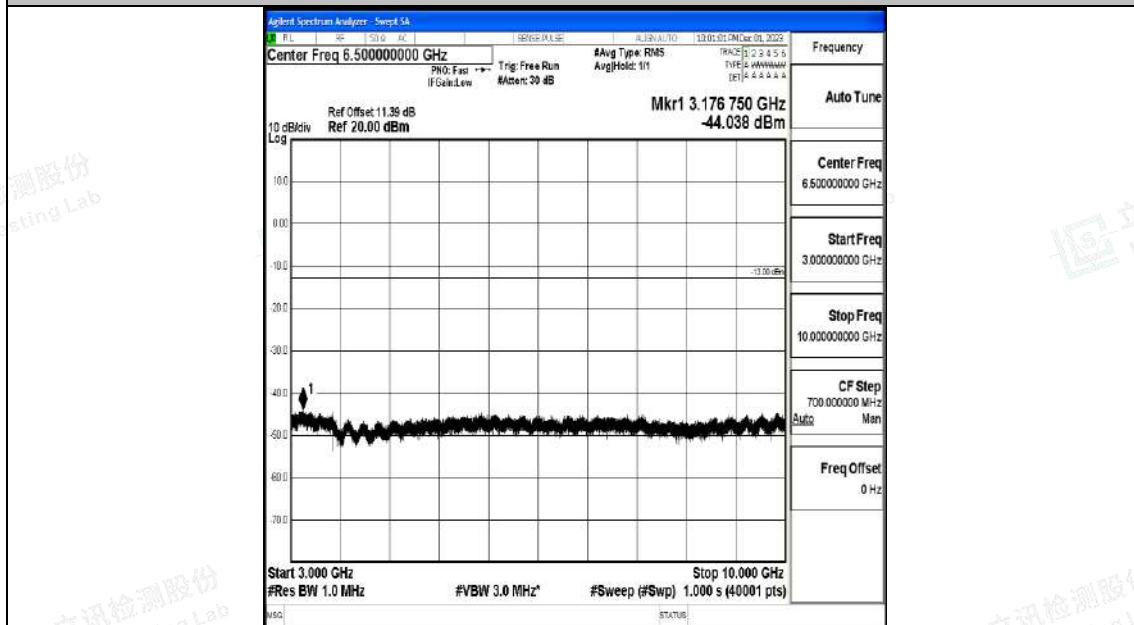
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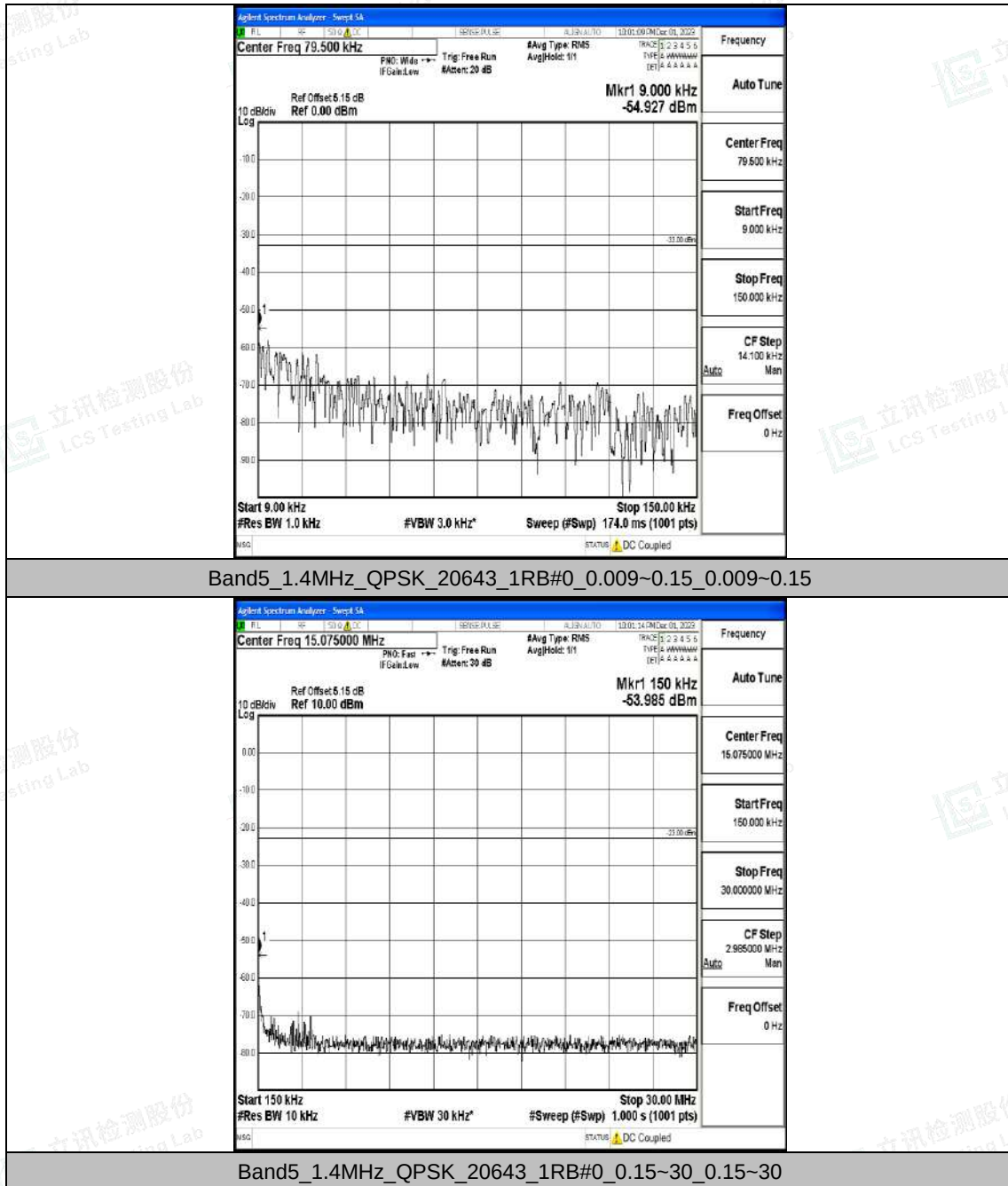


Band5_1.4MHz_16QAM_20525_1RB#0_1000~3000_1000~3000



Band5_1.4MHz_16QAM_20525_1RB#0_3000~10000_3000~10000



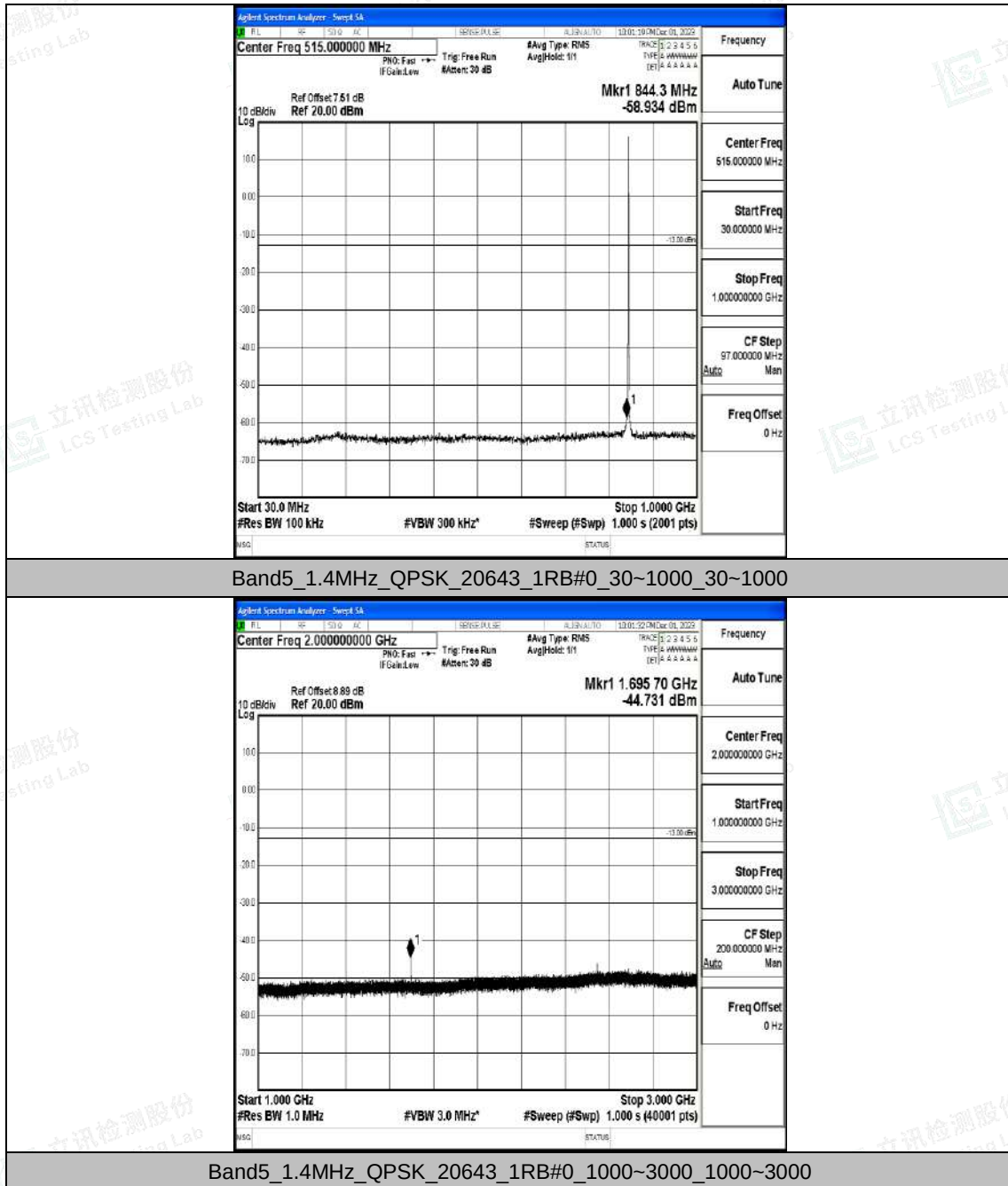


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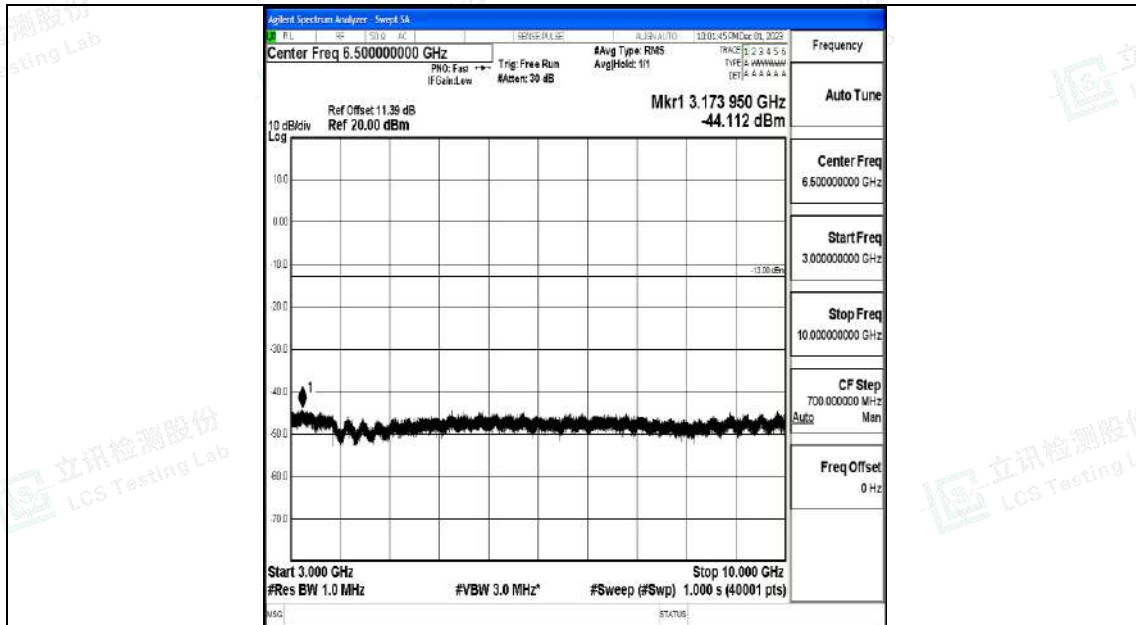


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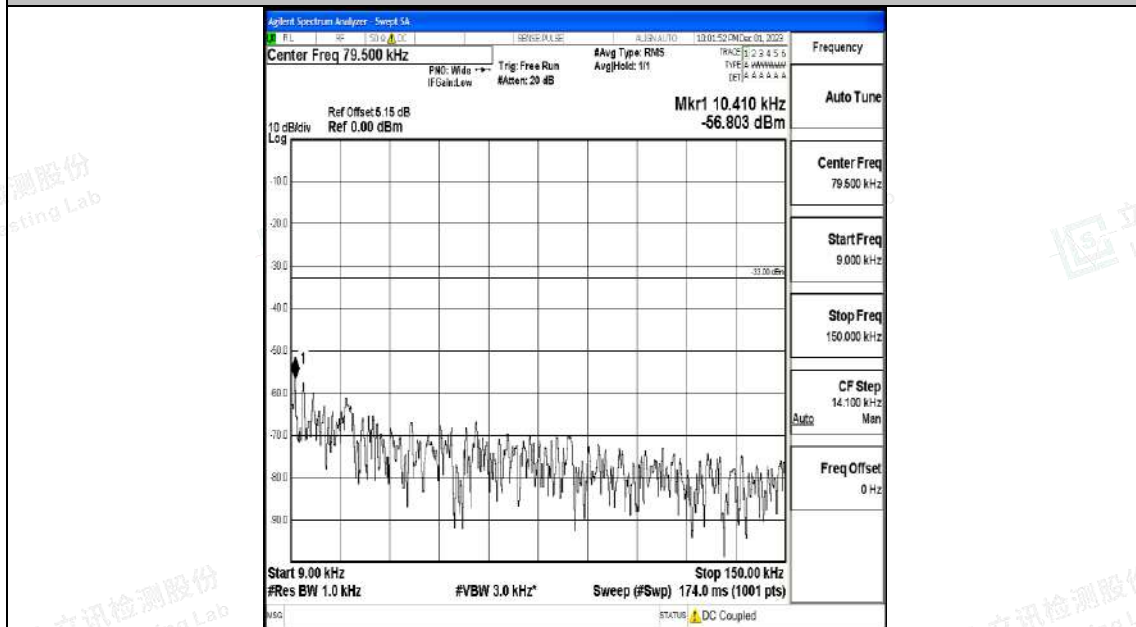
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Band5_1.4MHz_QPSK_20643_1RB#0_3000~10000_3000~10000



Band5_1.4MHz_16QAM_20643_1RB#0_0.009~0.15_0.009~0.15

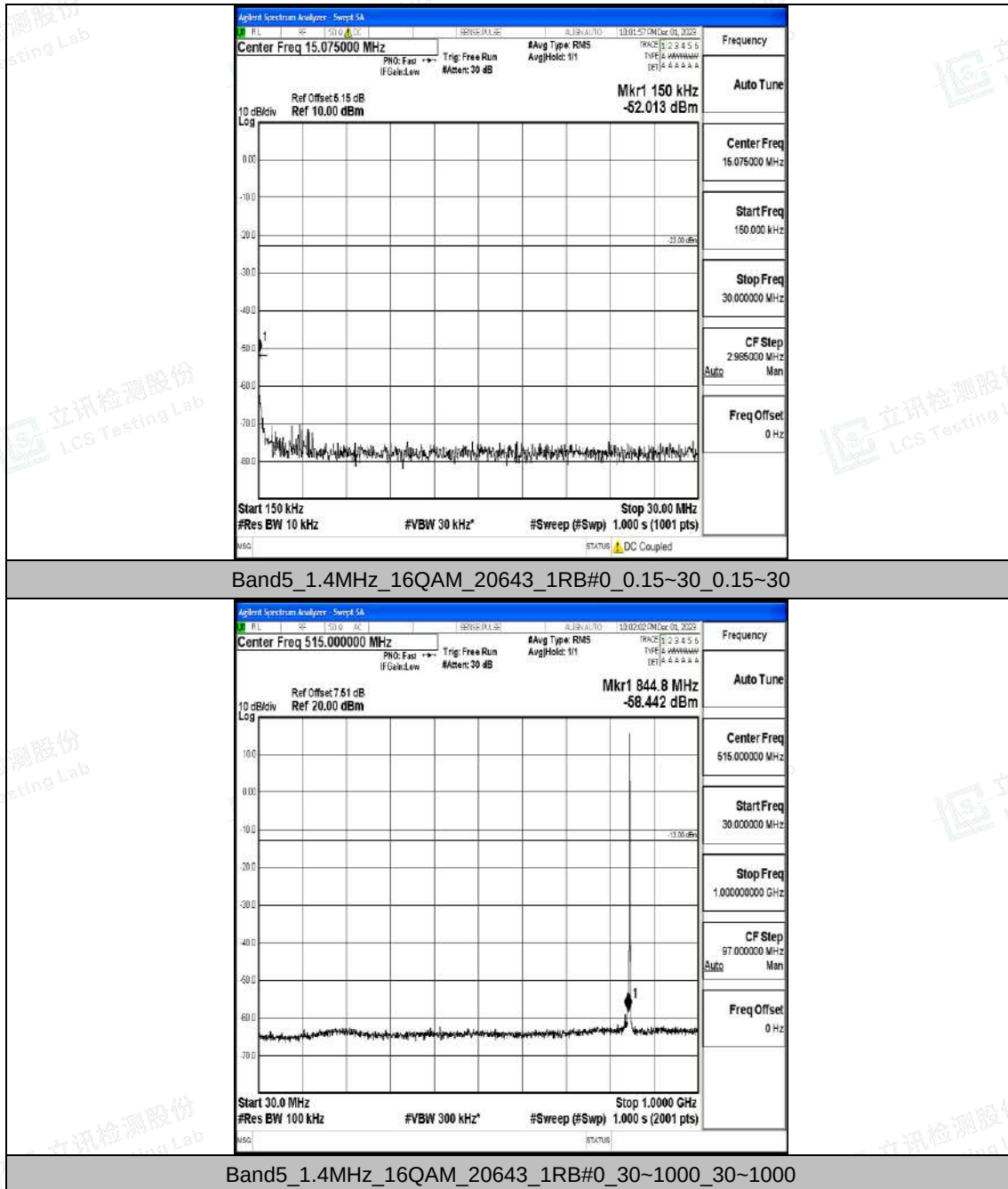


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Scan code to check authenticity

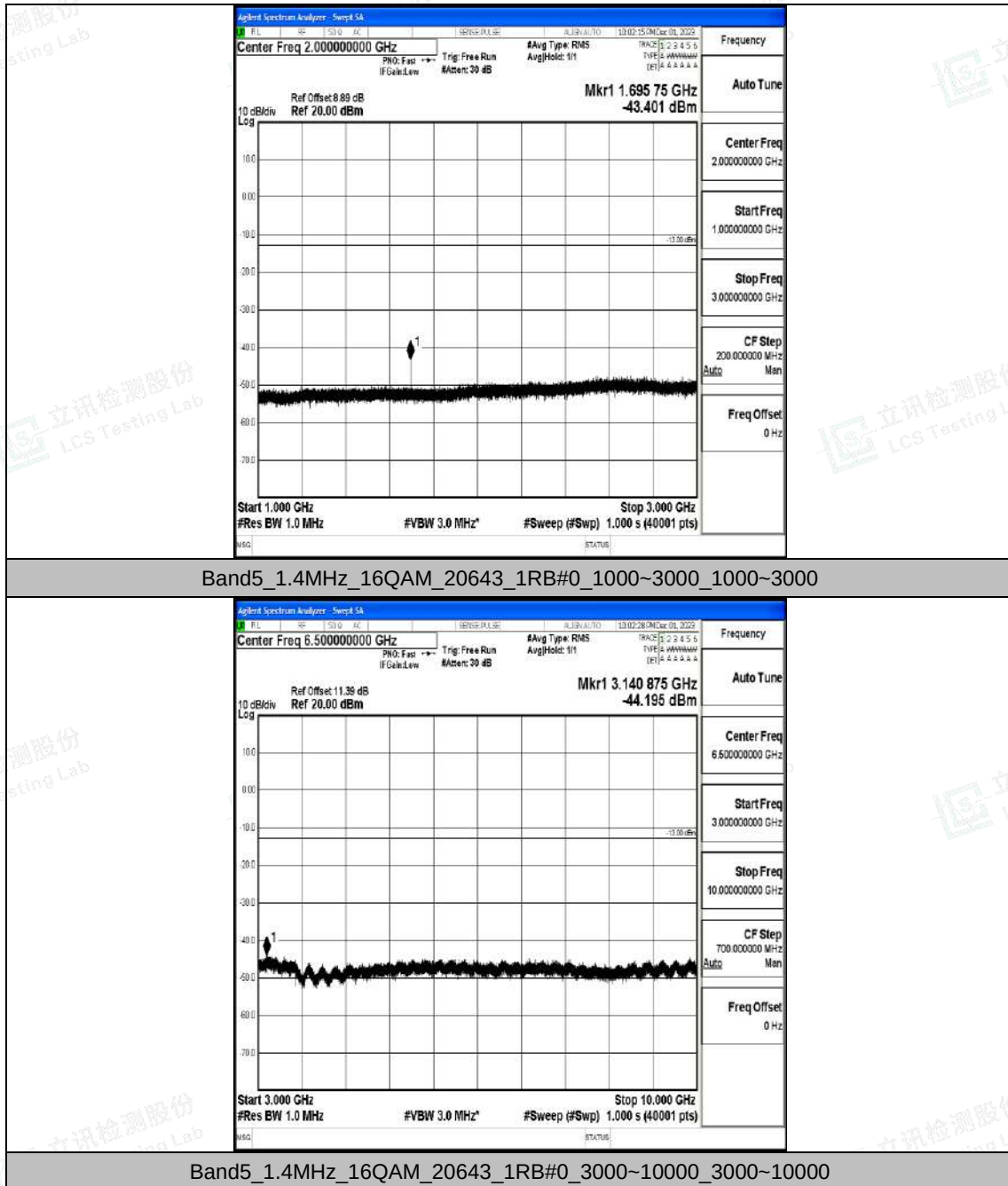


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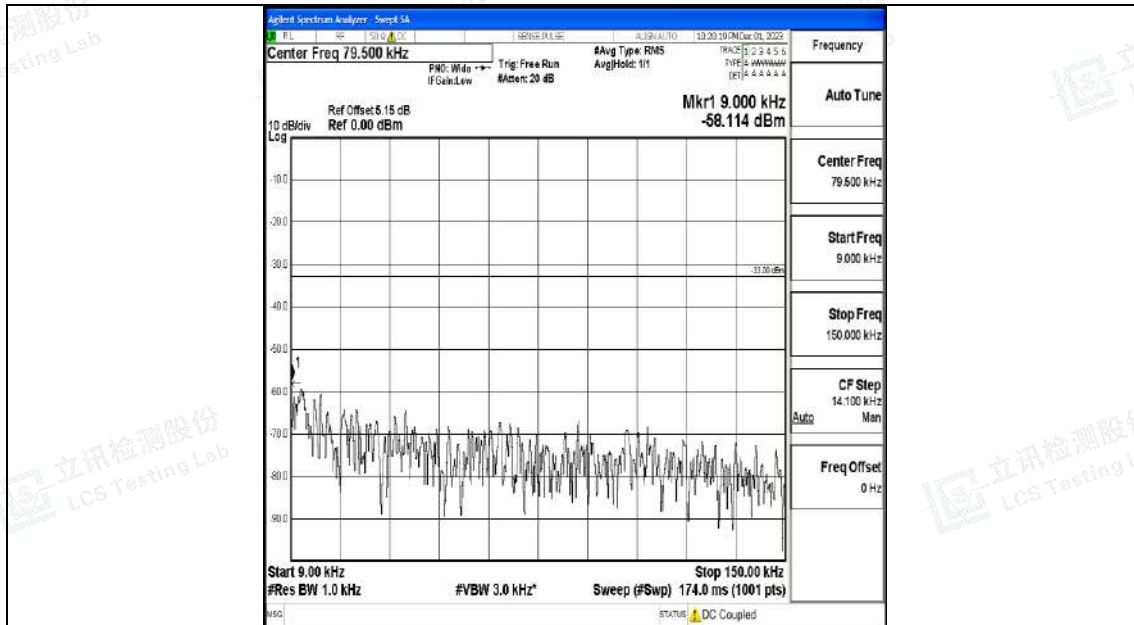


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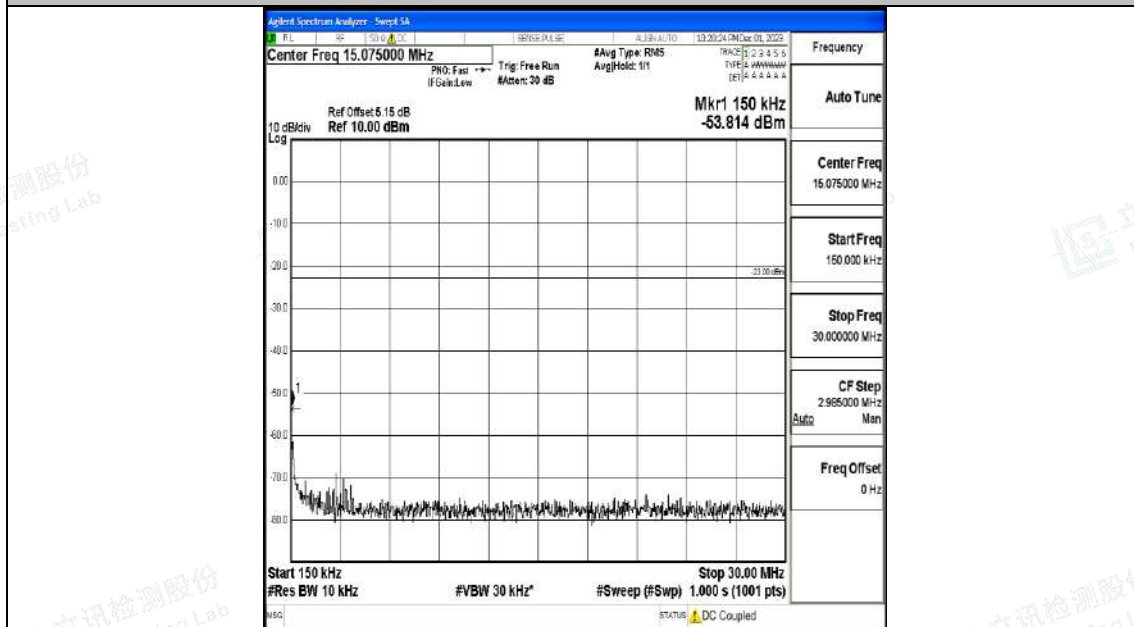
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Band5_3MHz_QPSK_20415_1RB#0_0.009~0.15_0.009~0.15



Band5_3MHz_QPSK_20415_1RB#0_0.15~30_0.15~30

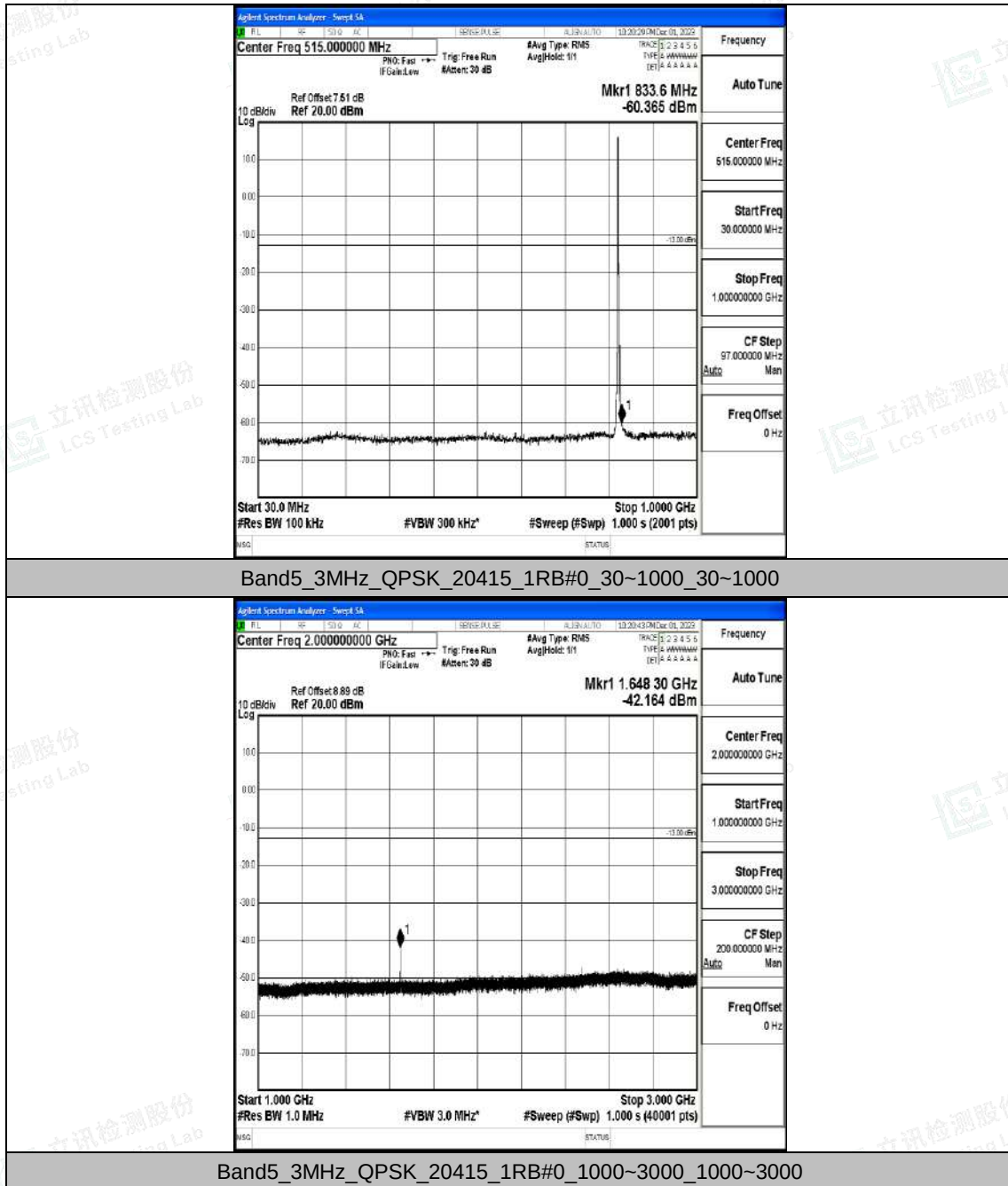


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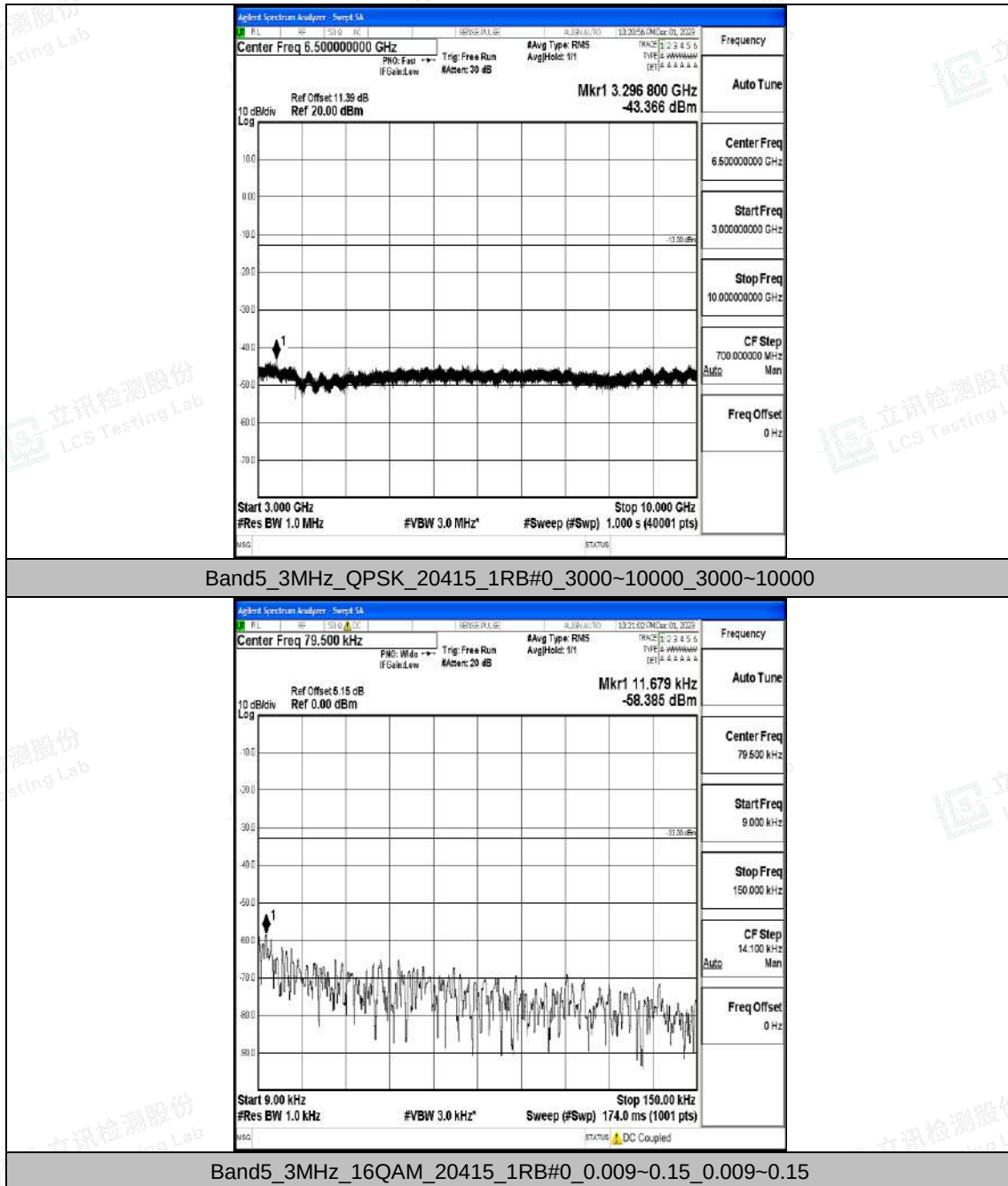


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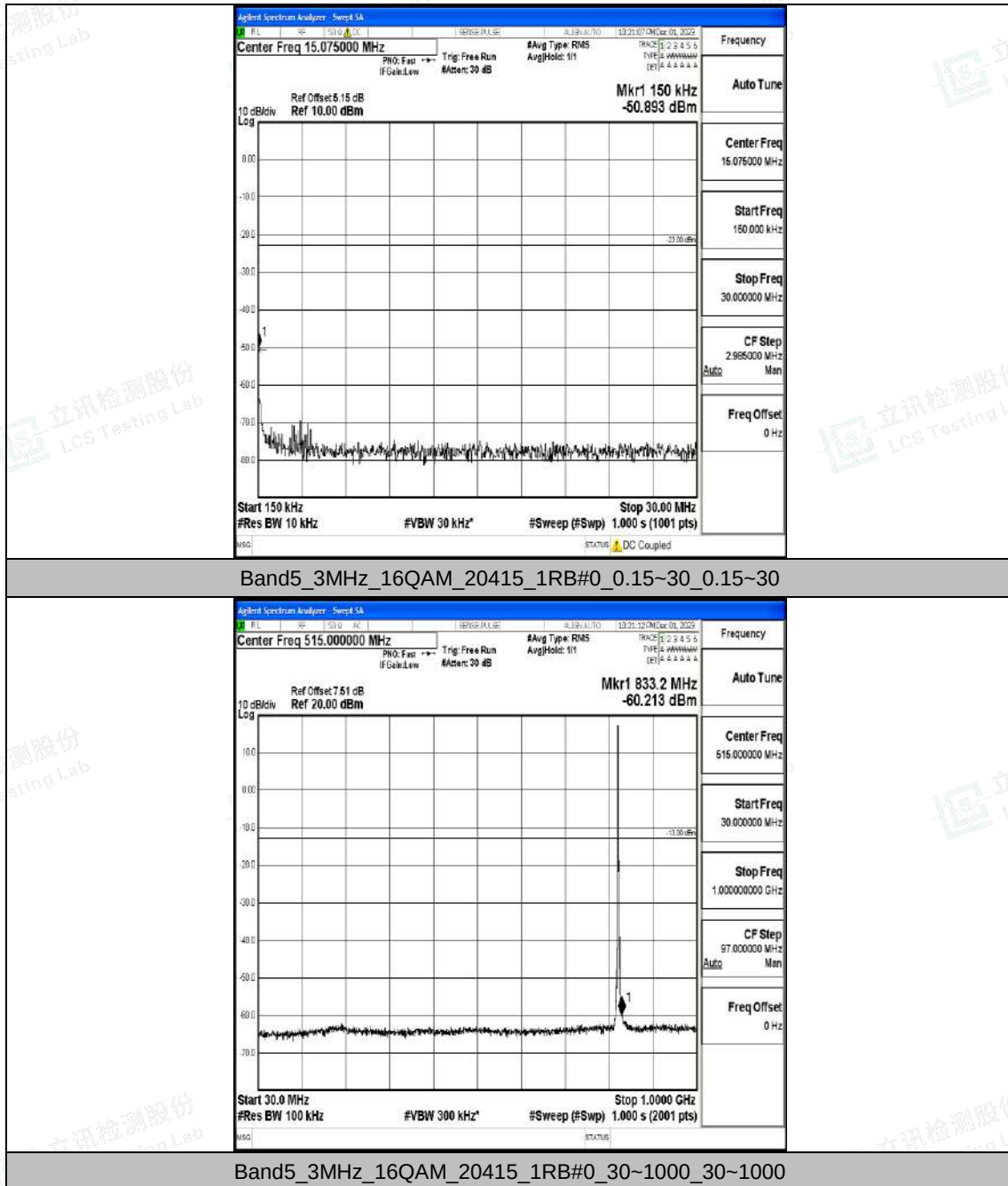


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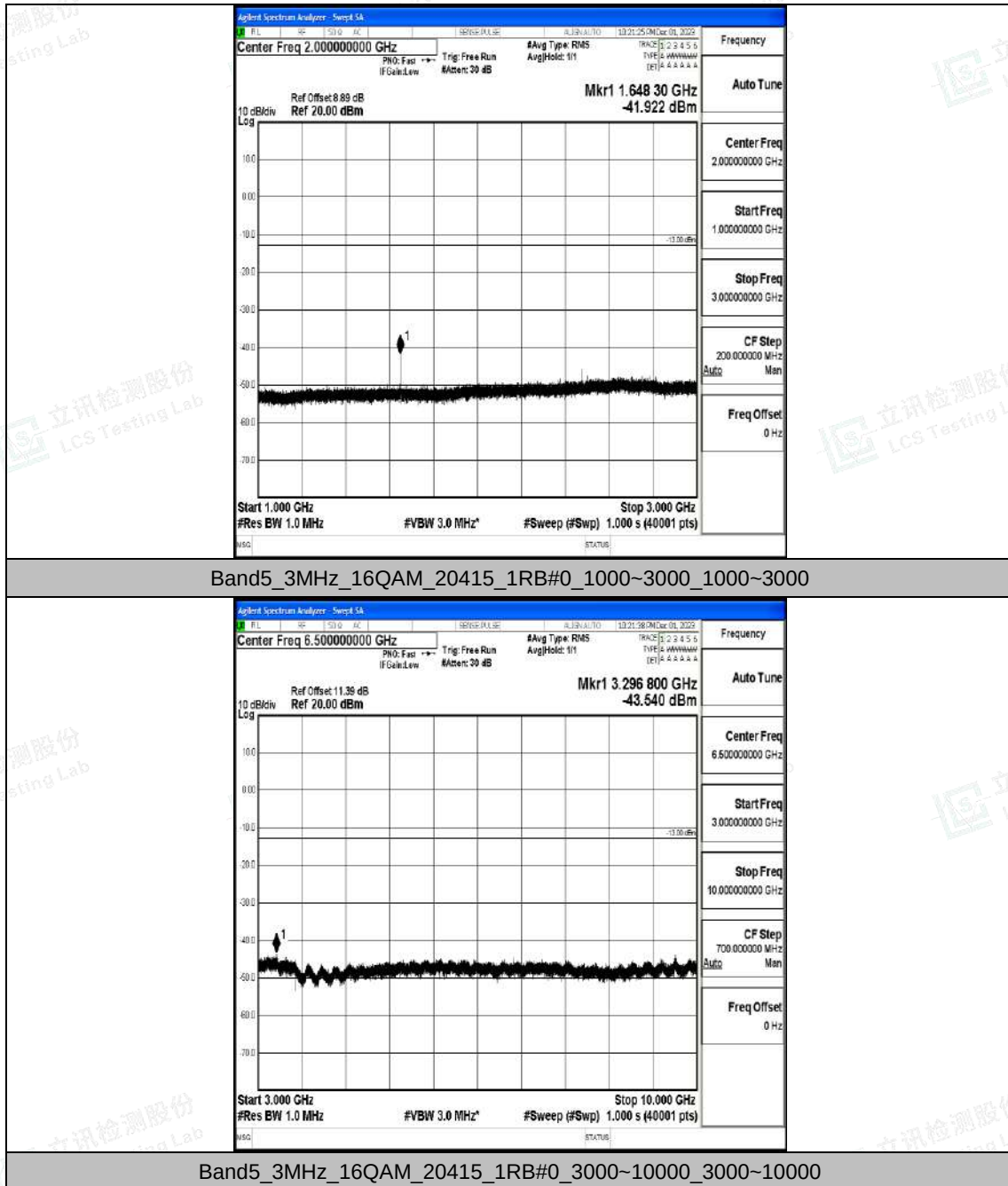


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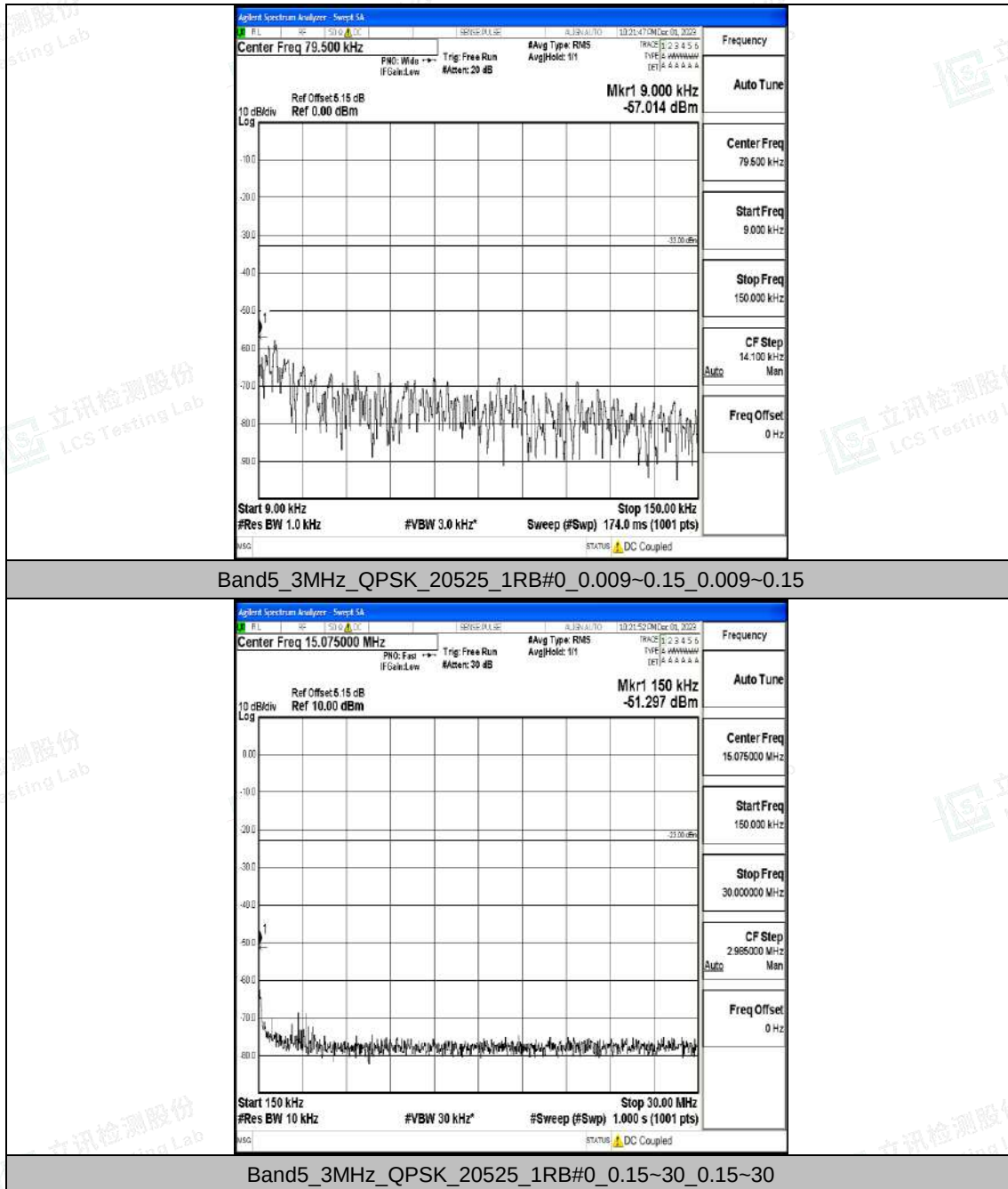


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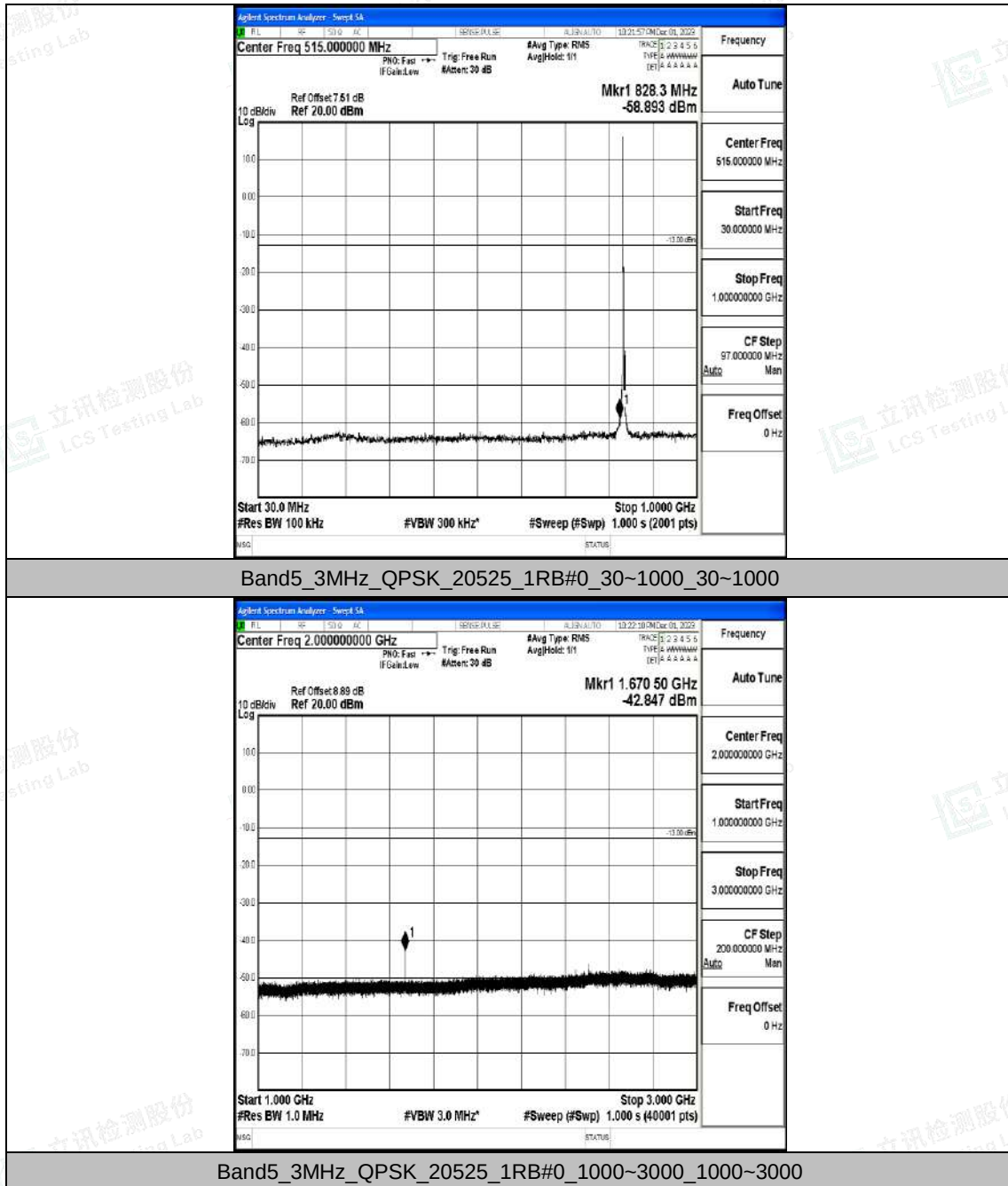


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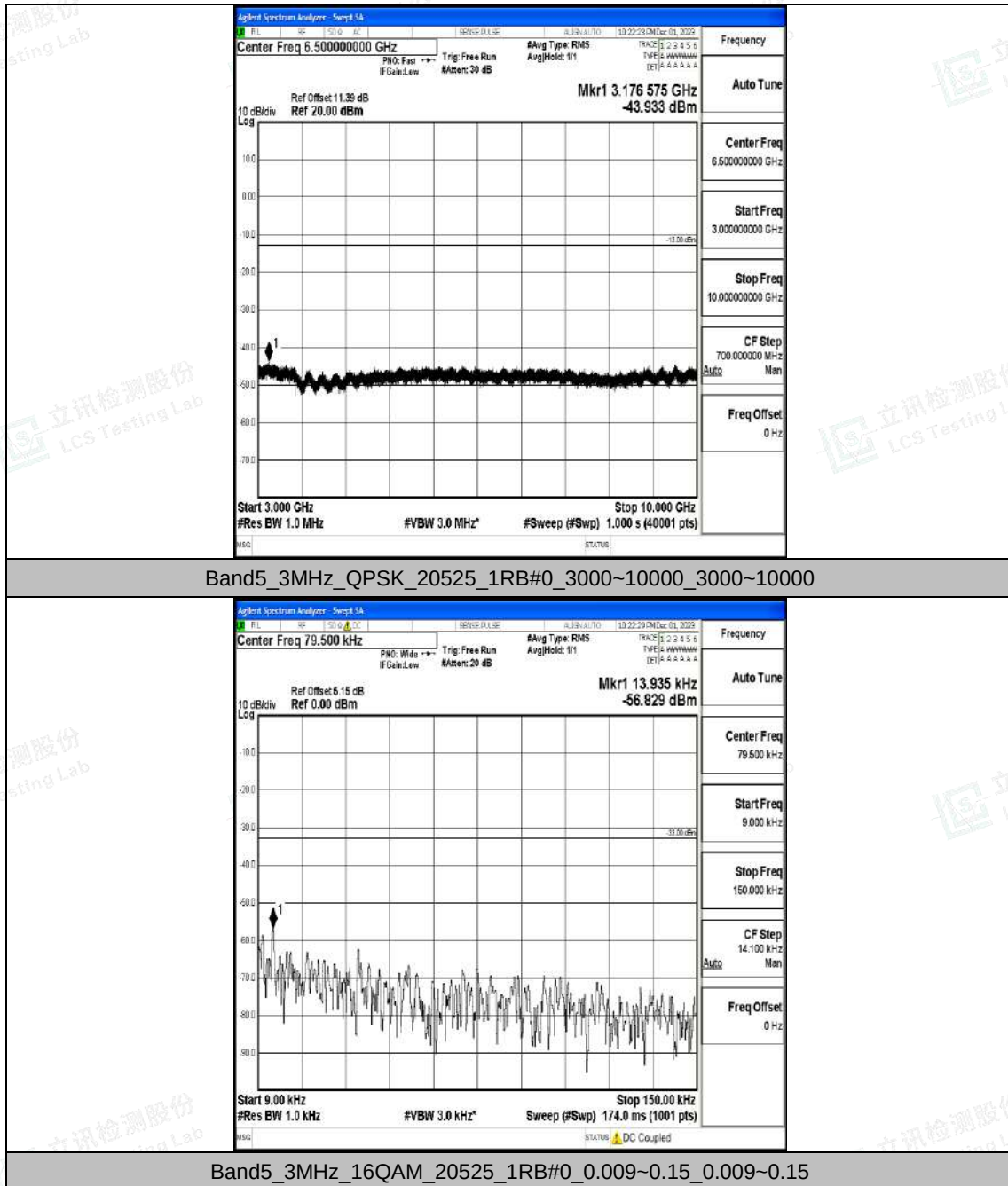


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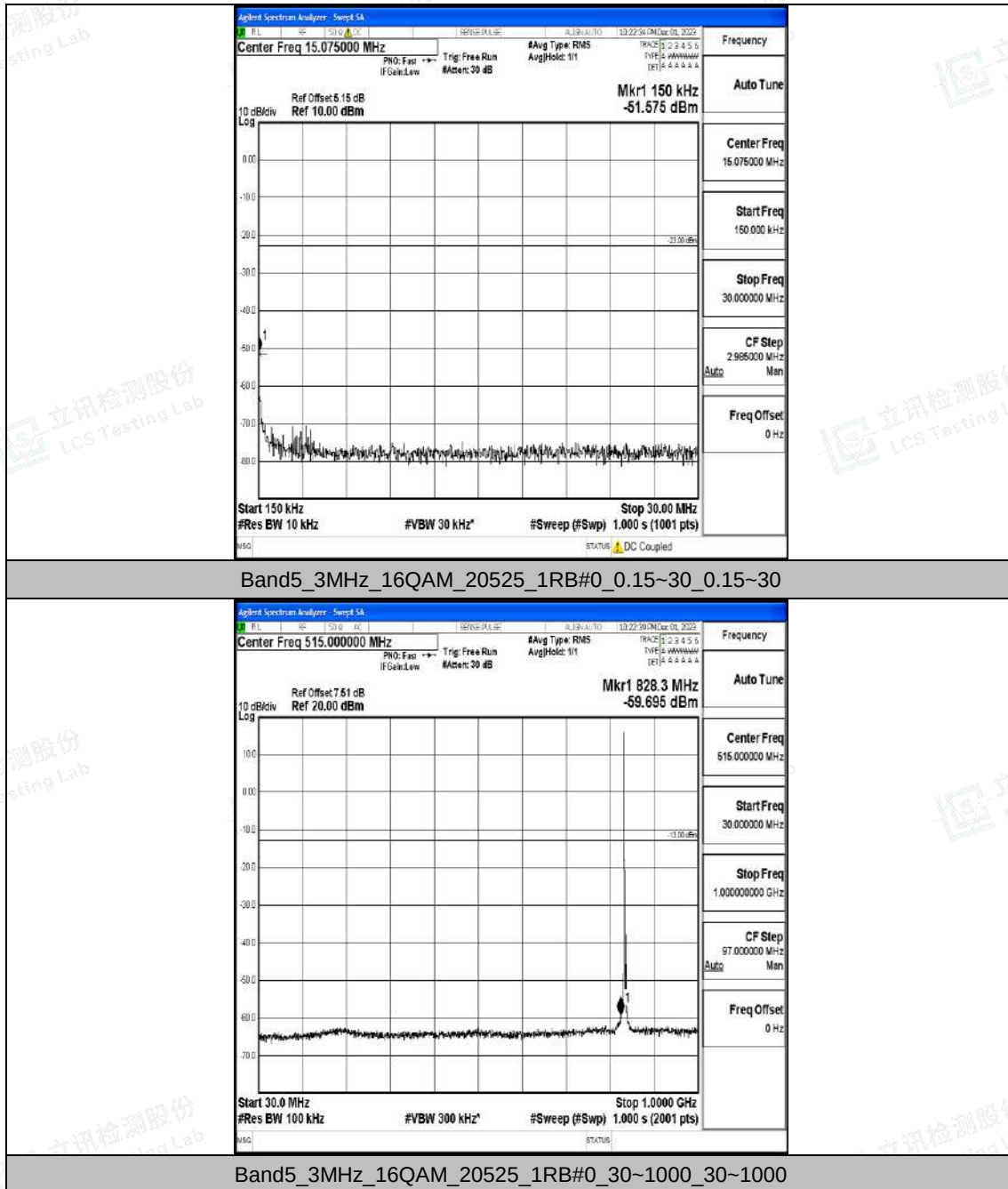


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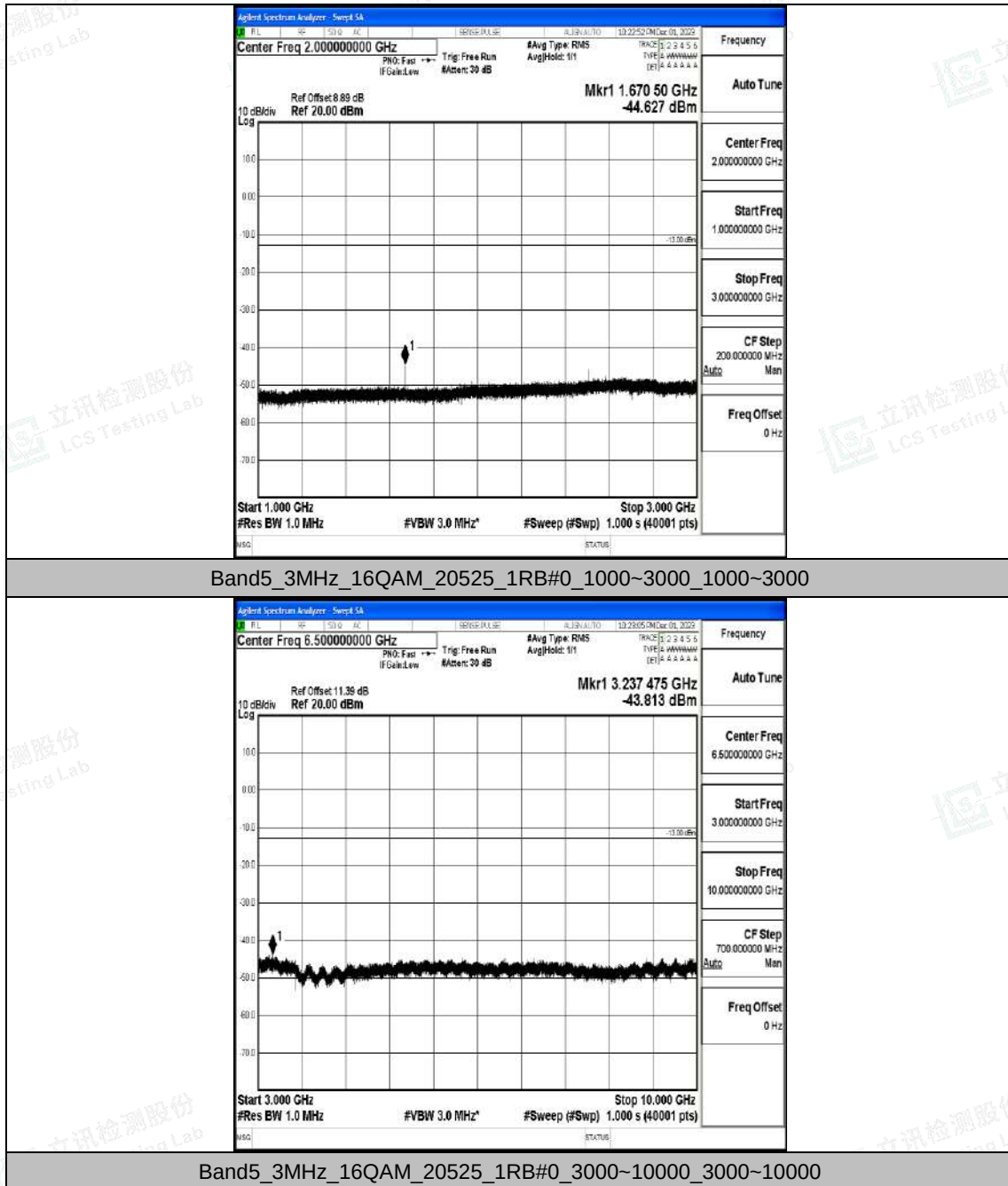


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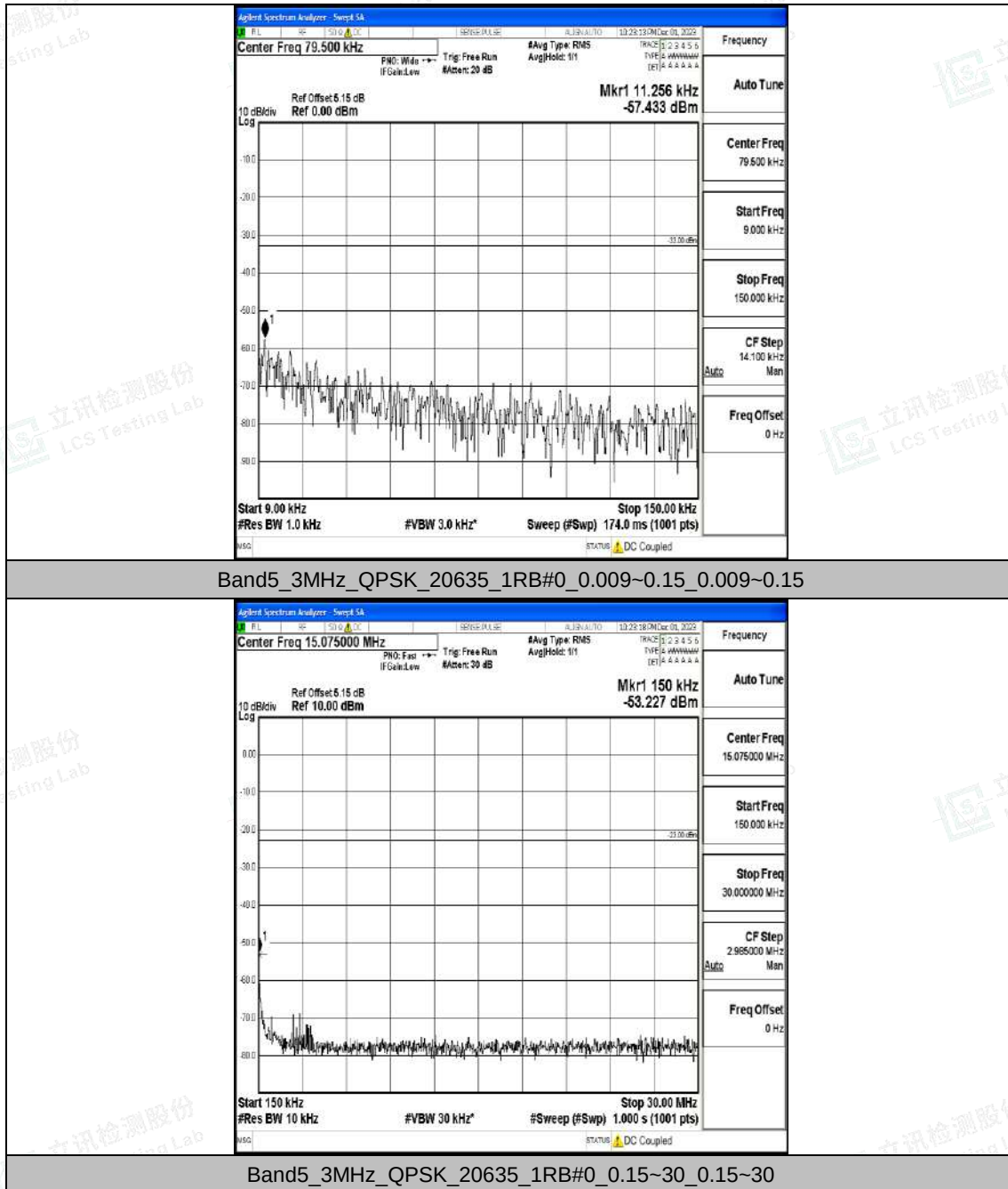


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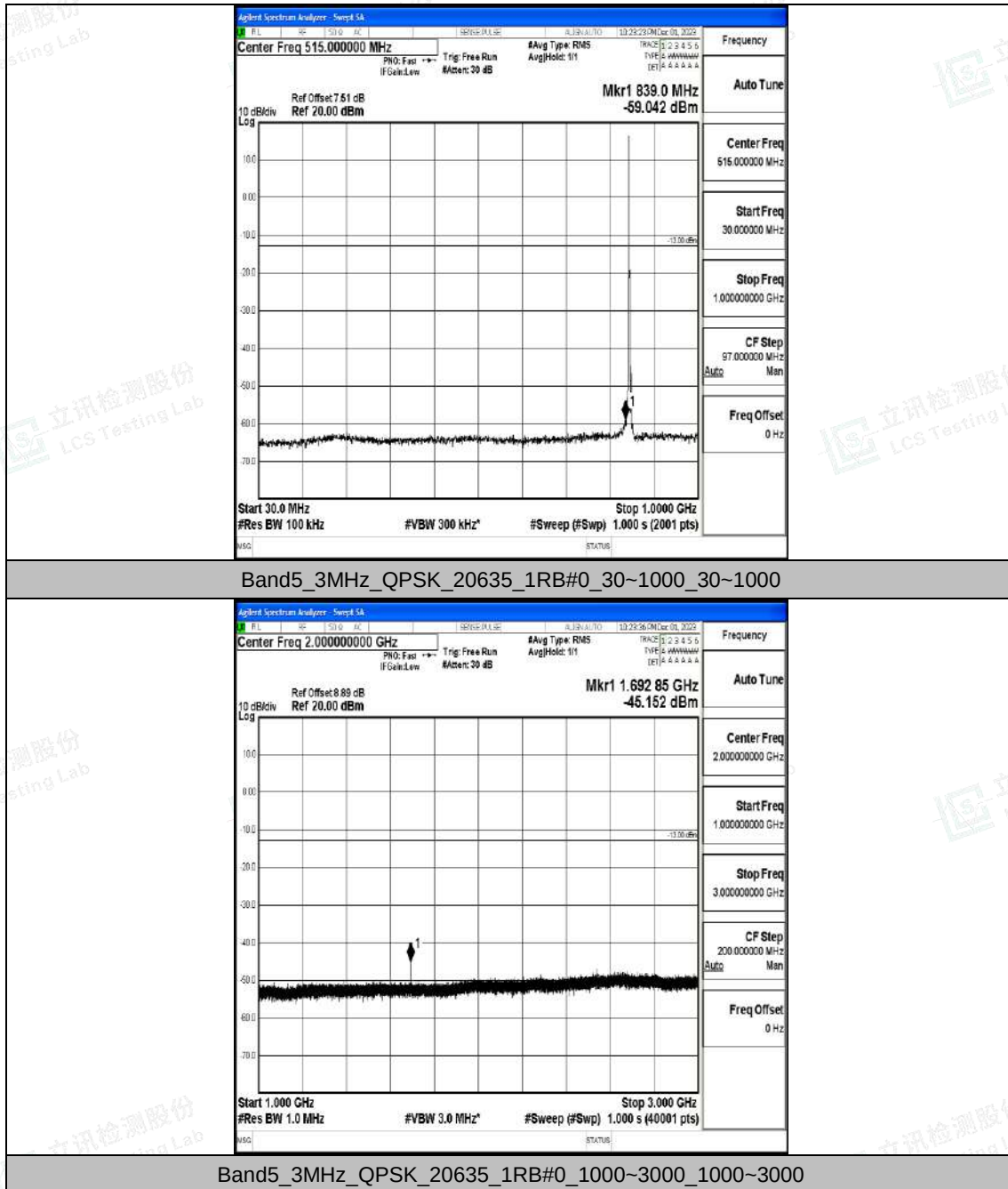


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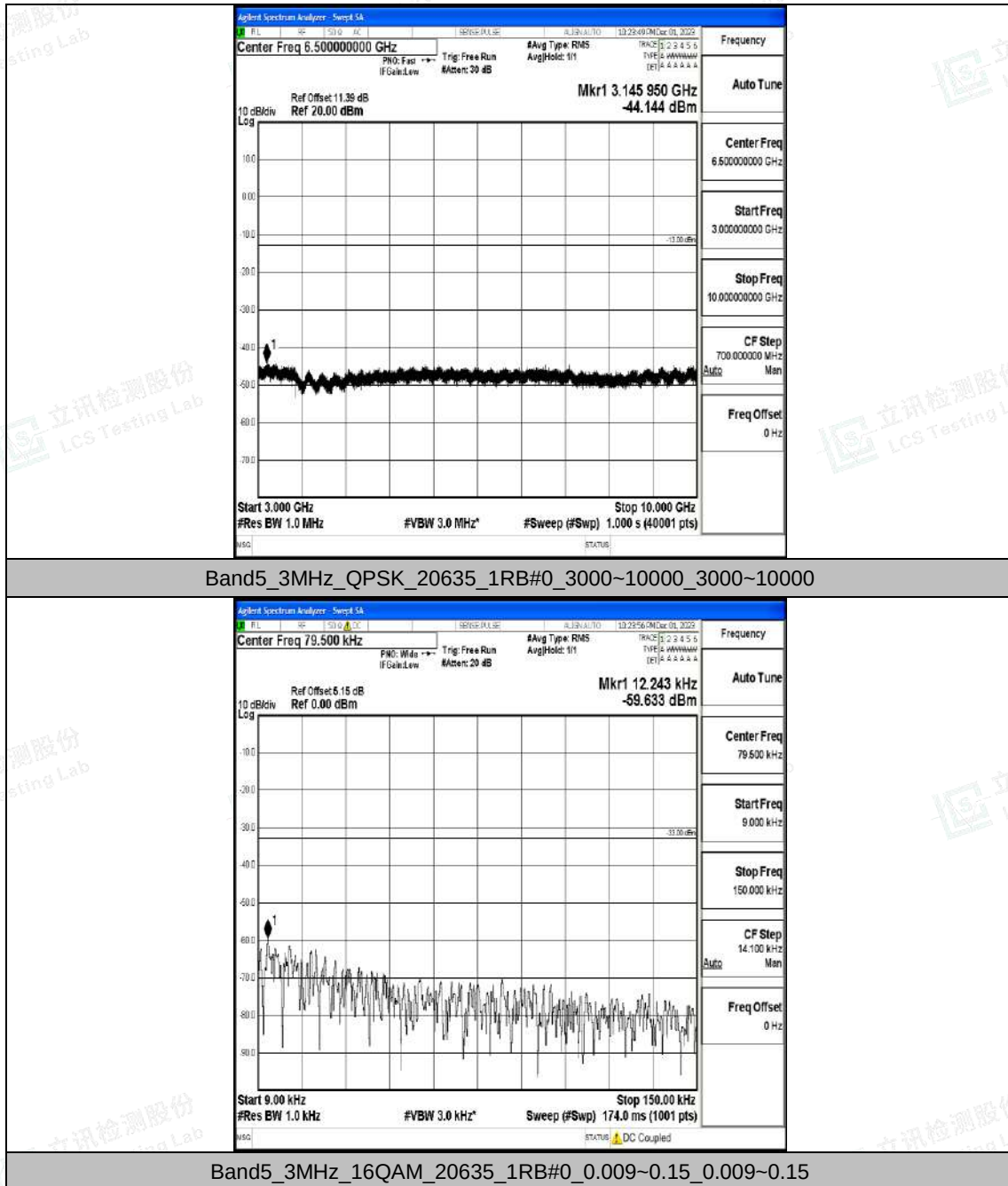


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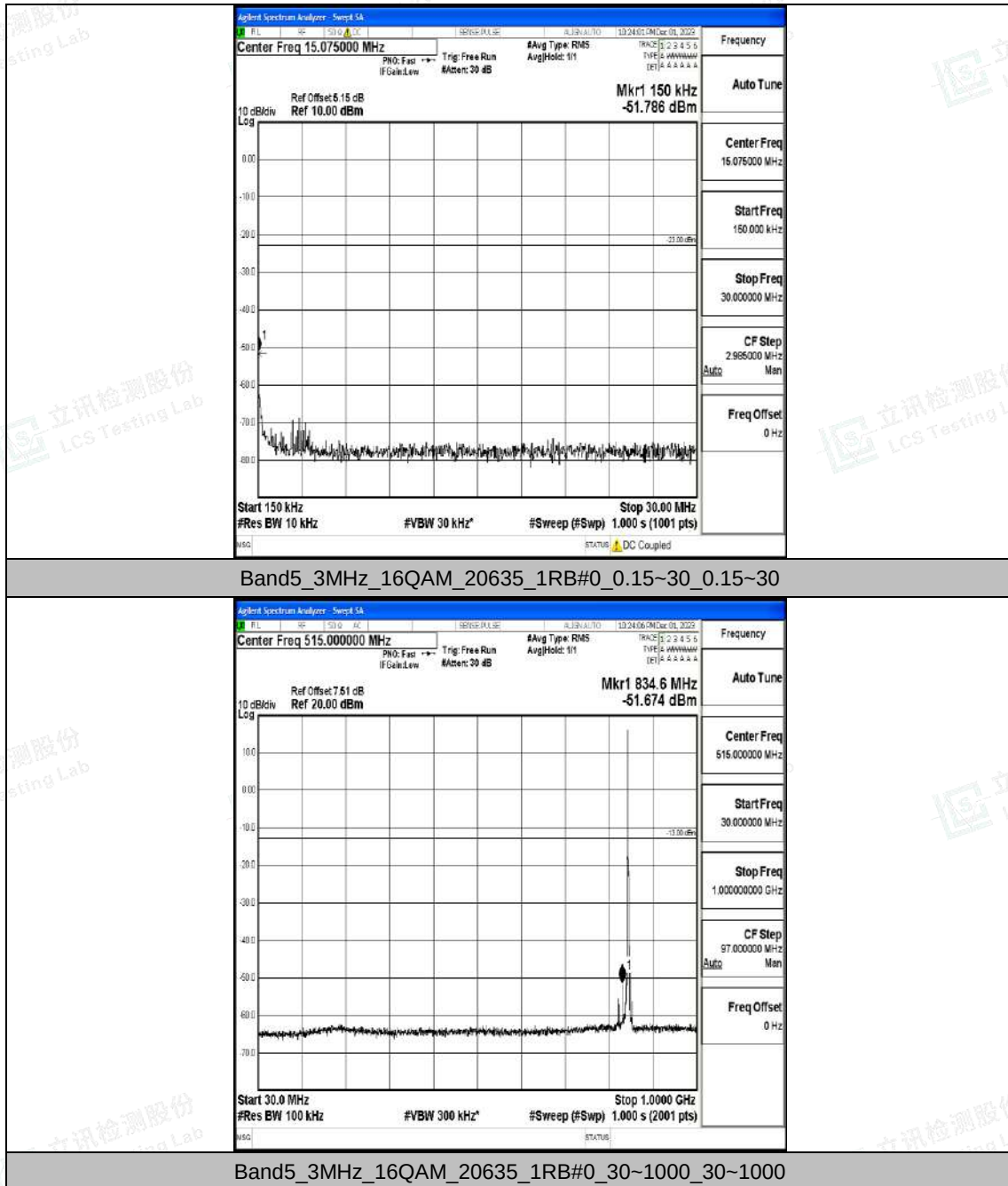


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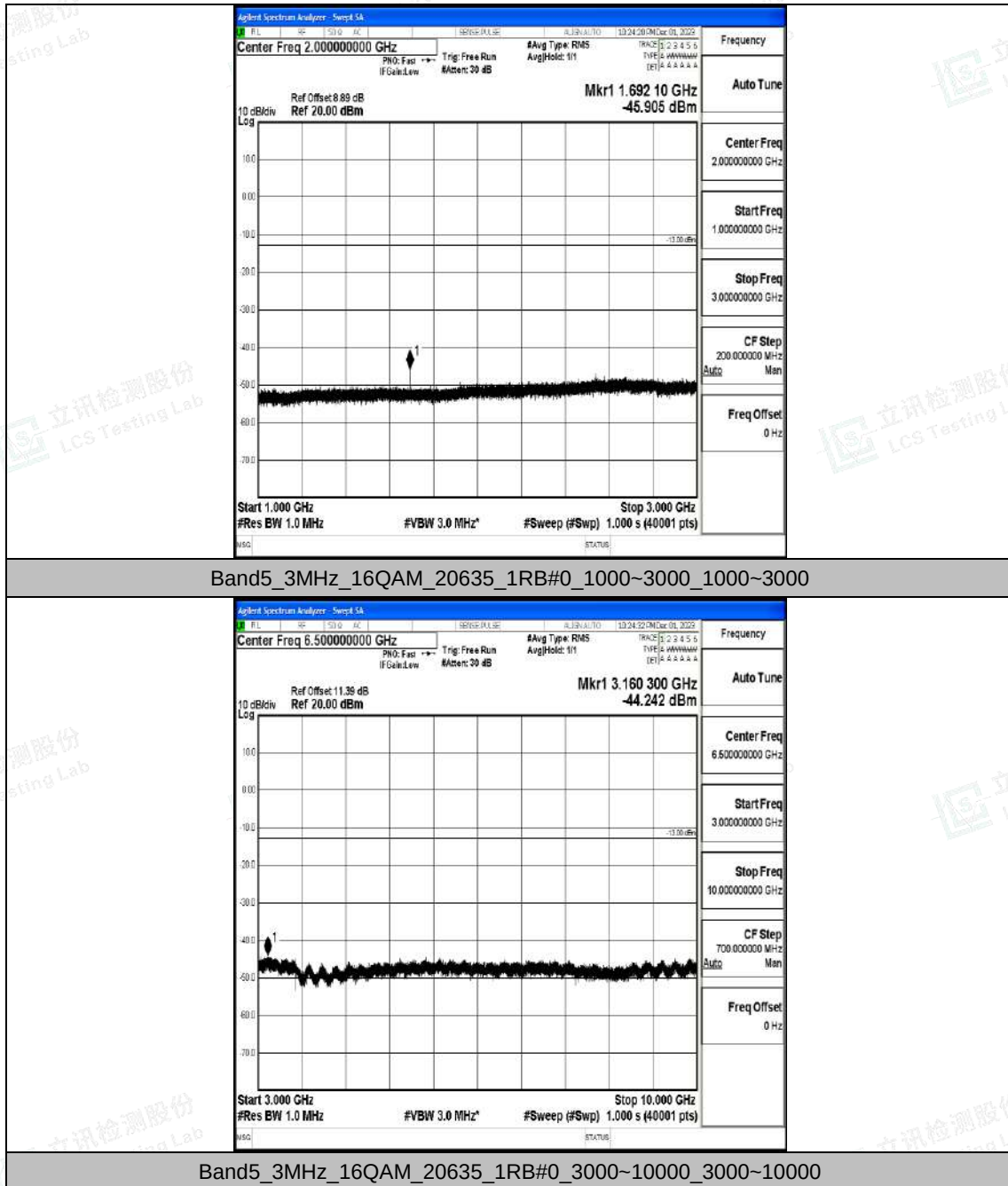


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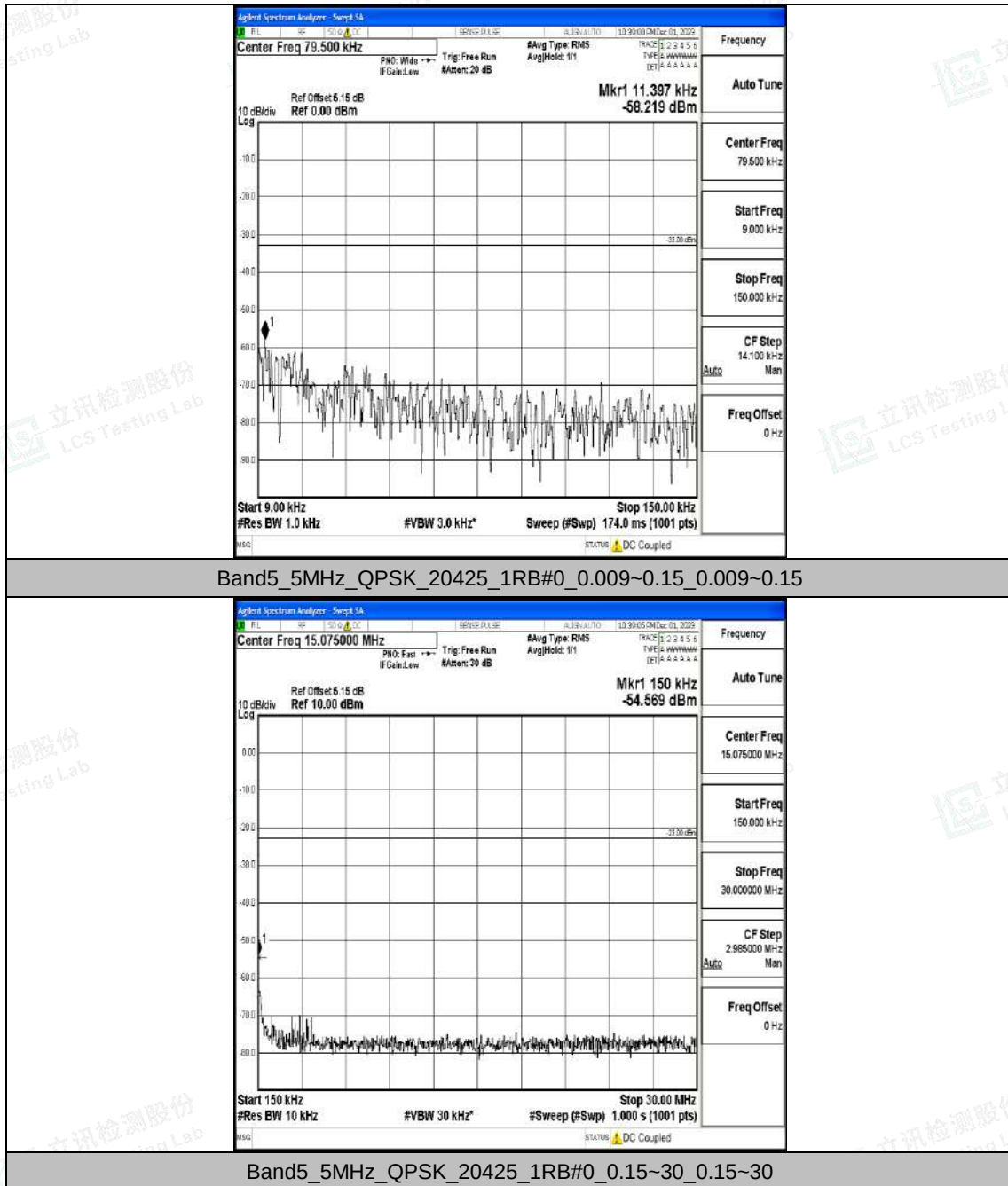


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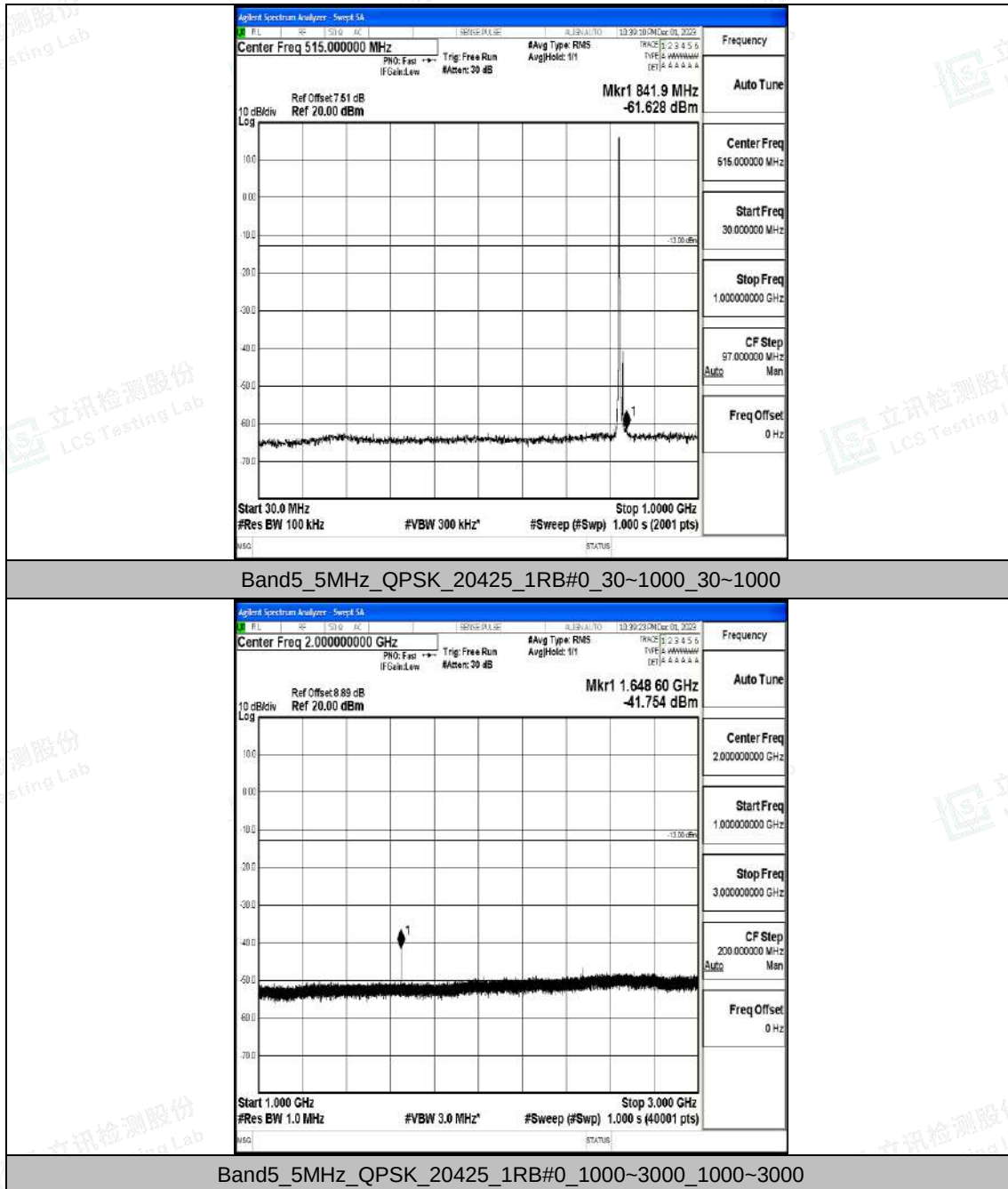


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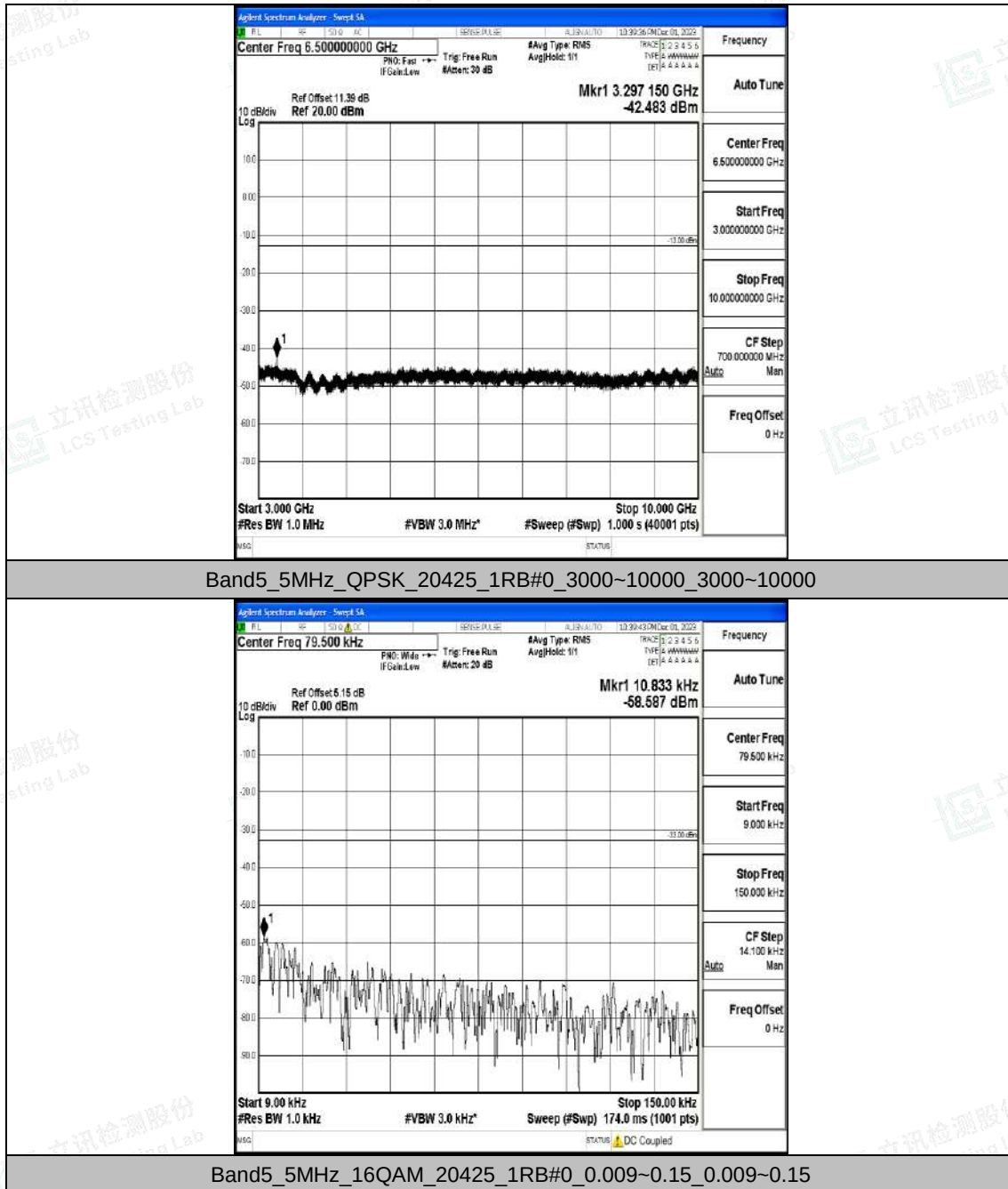


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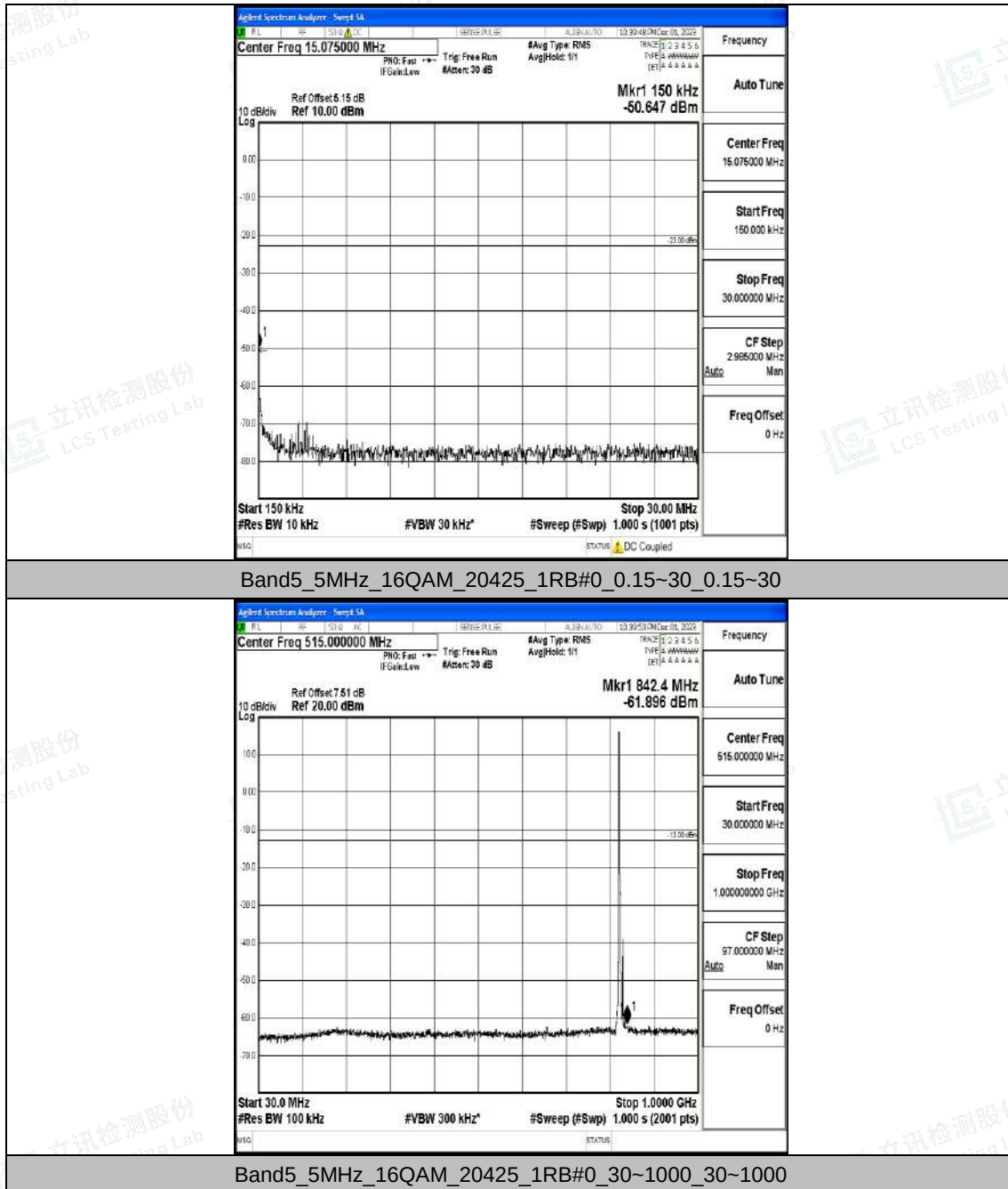


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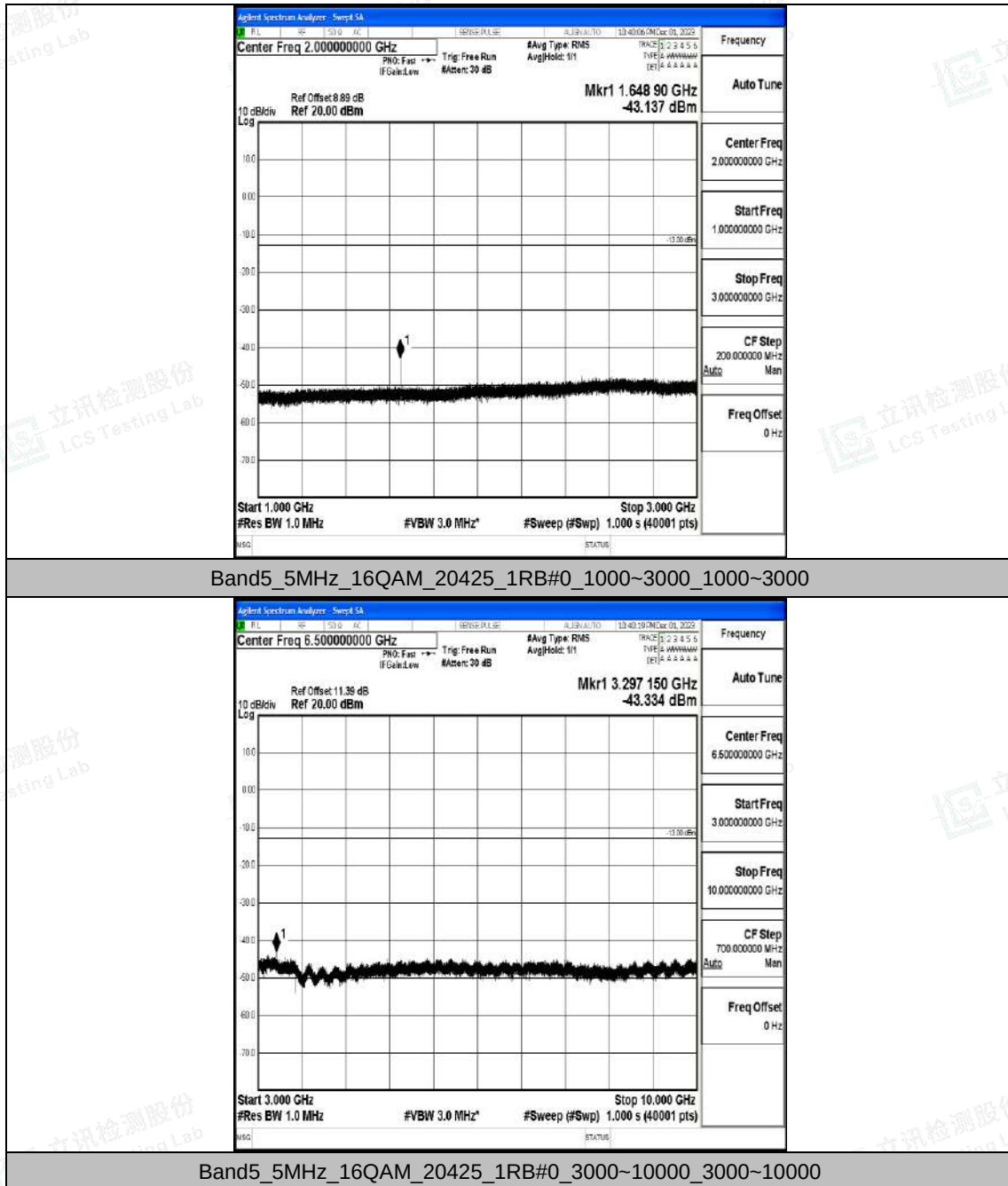


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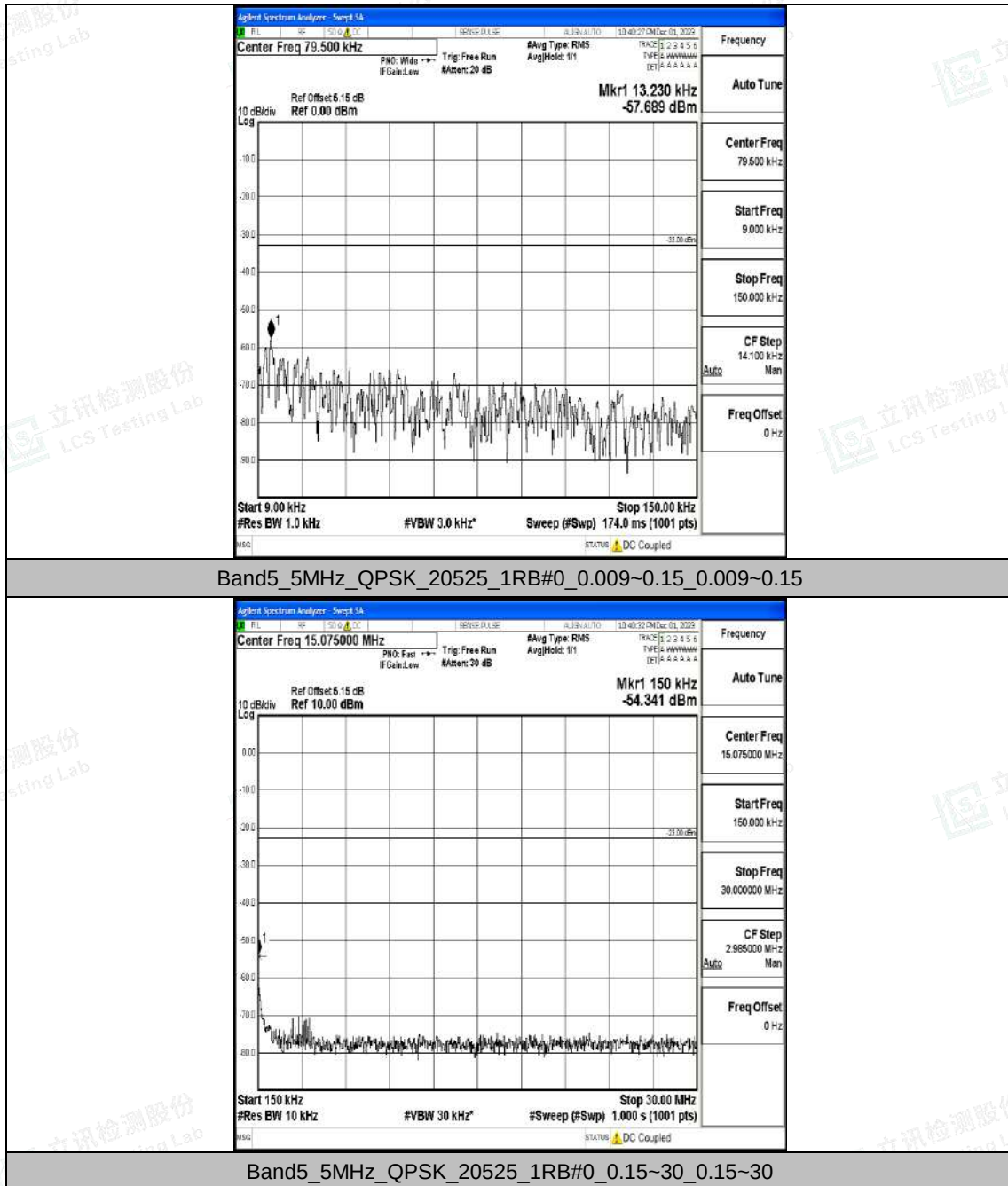


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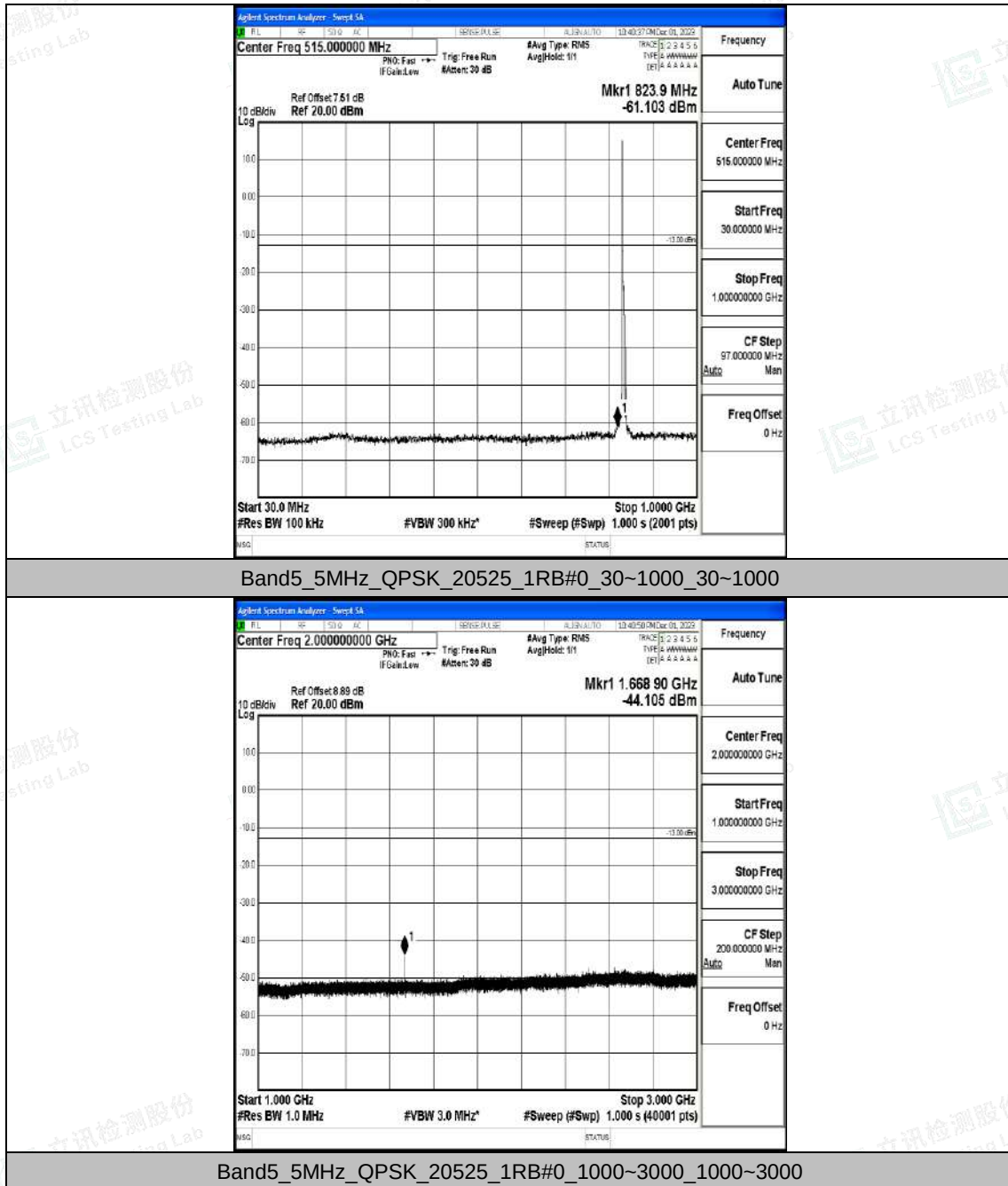


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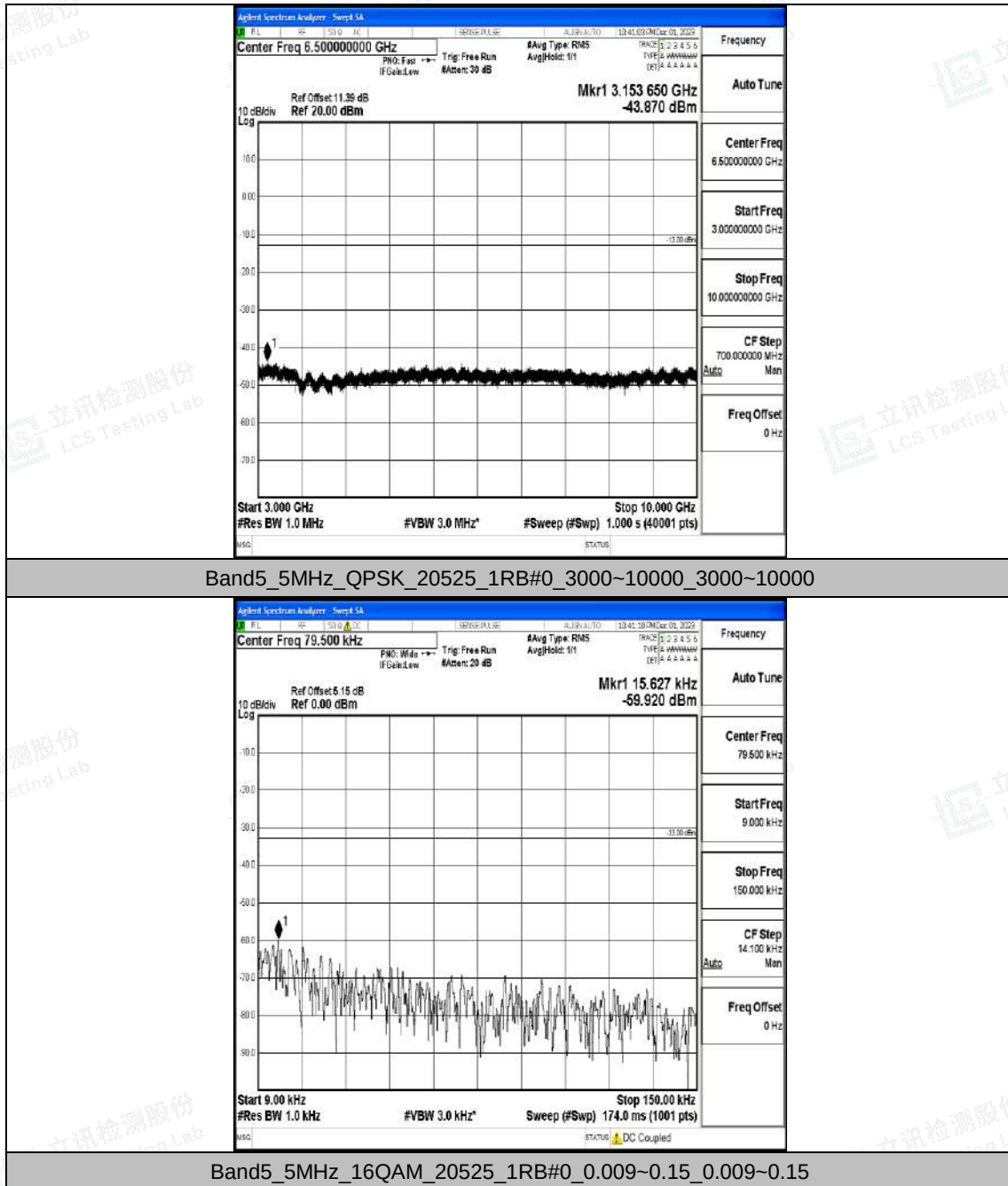


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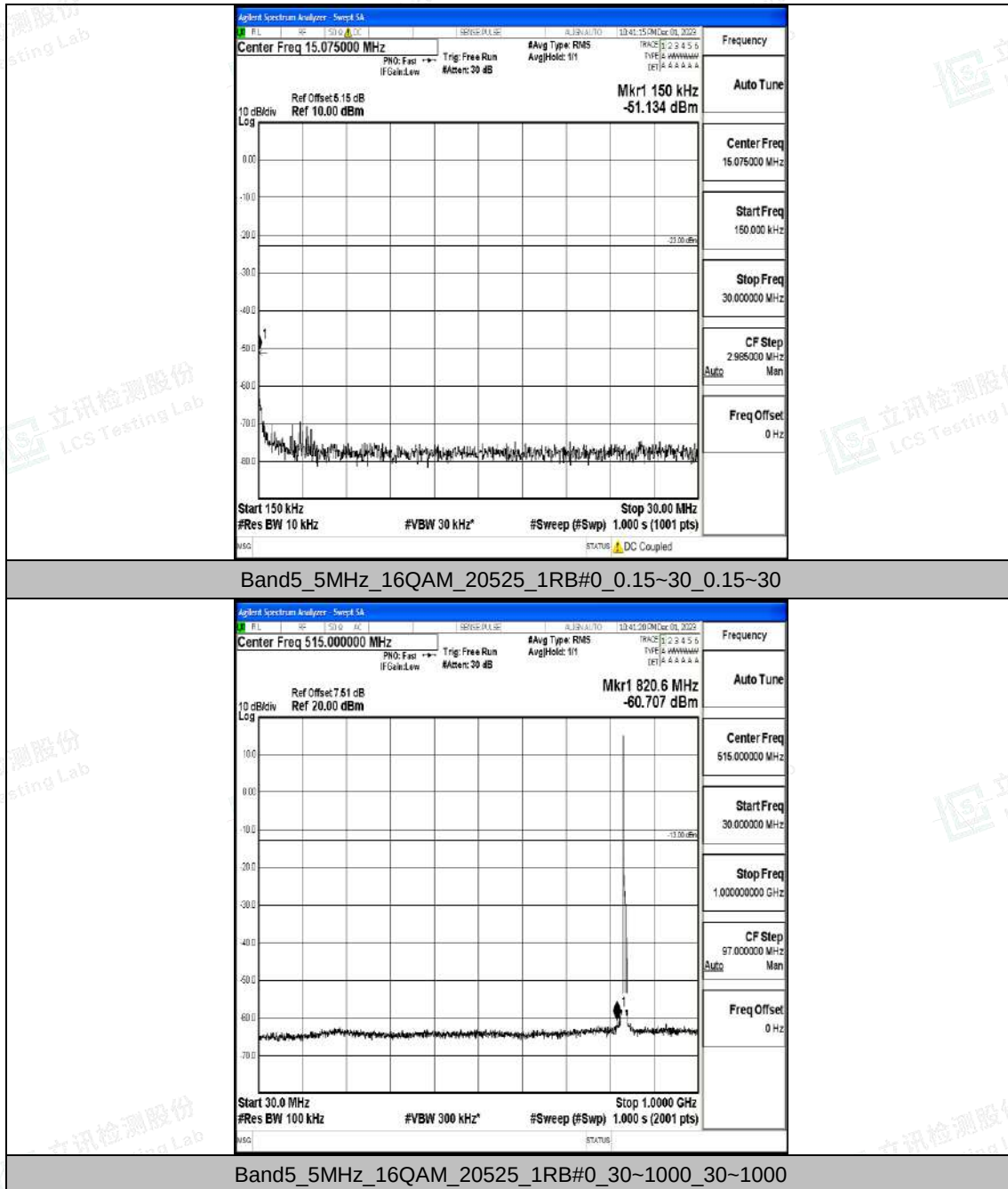


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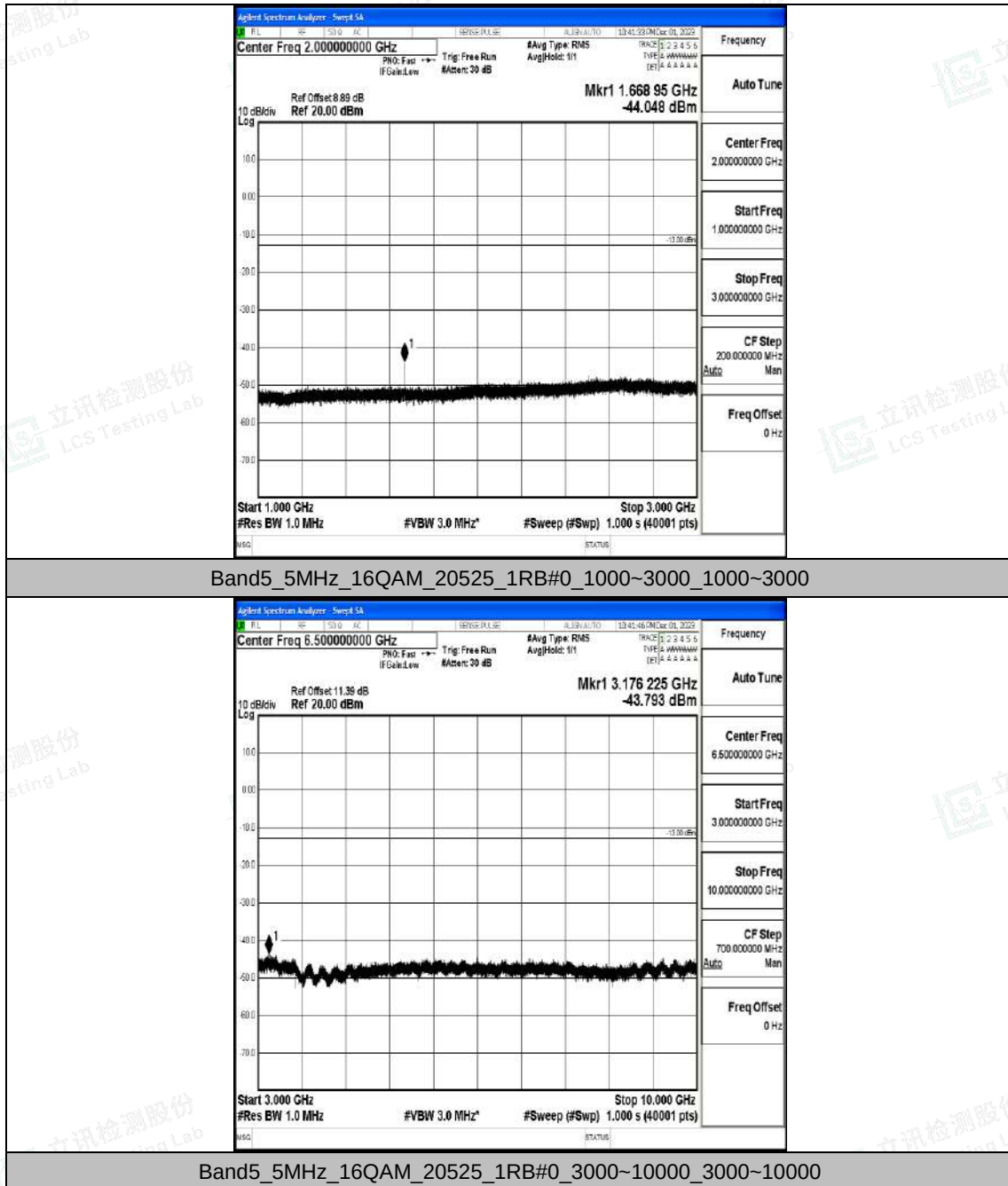


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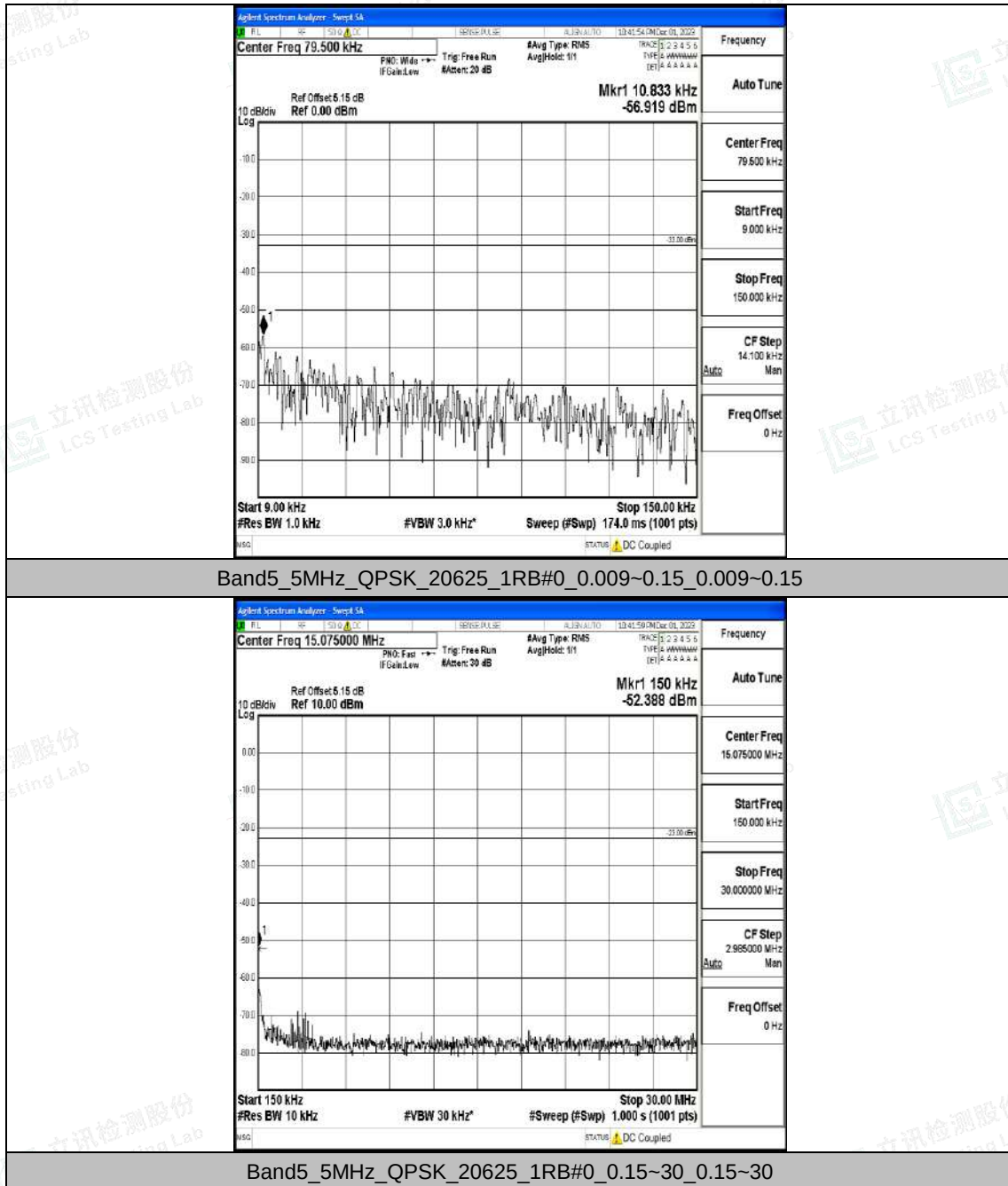


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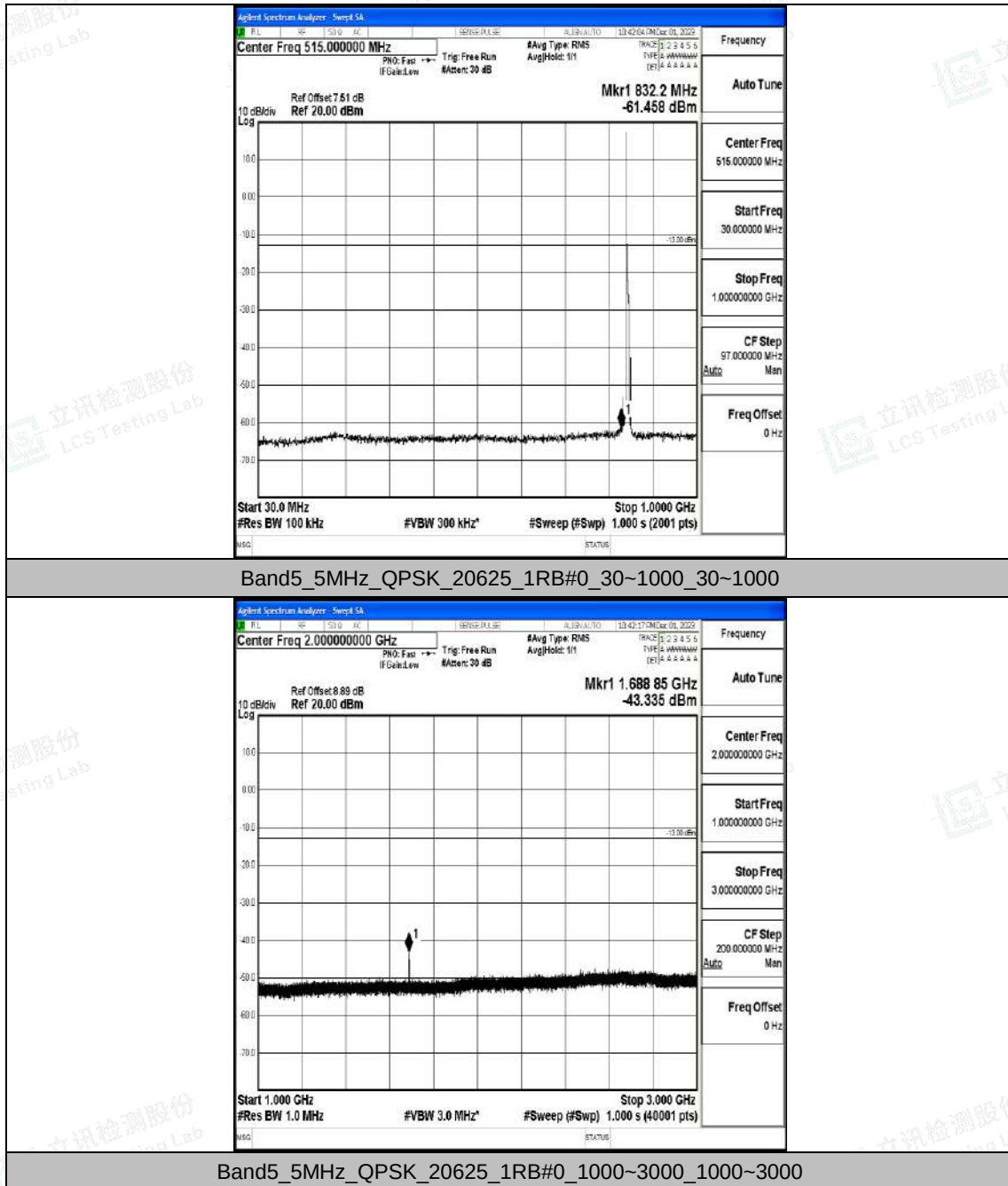


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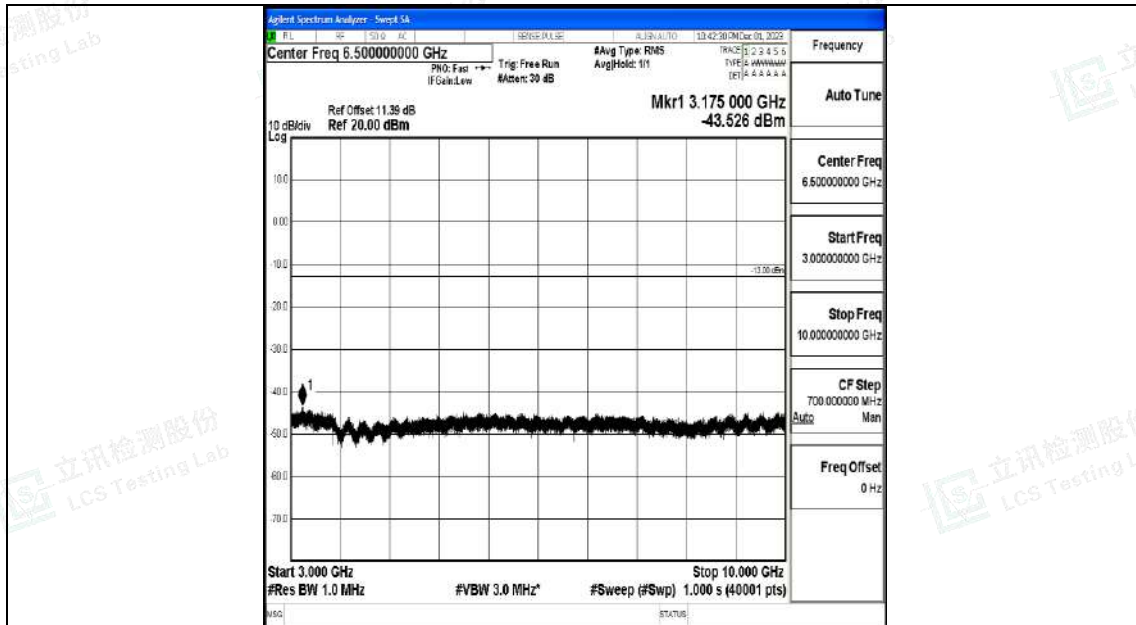


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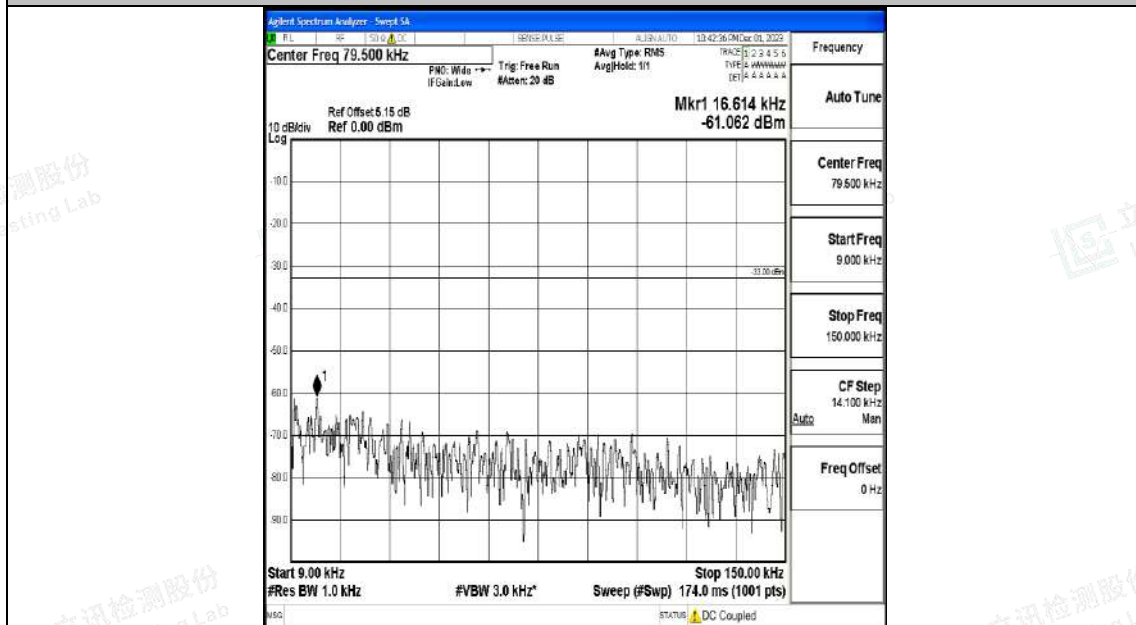
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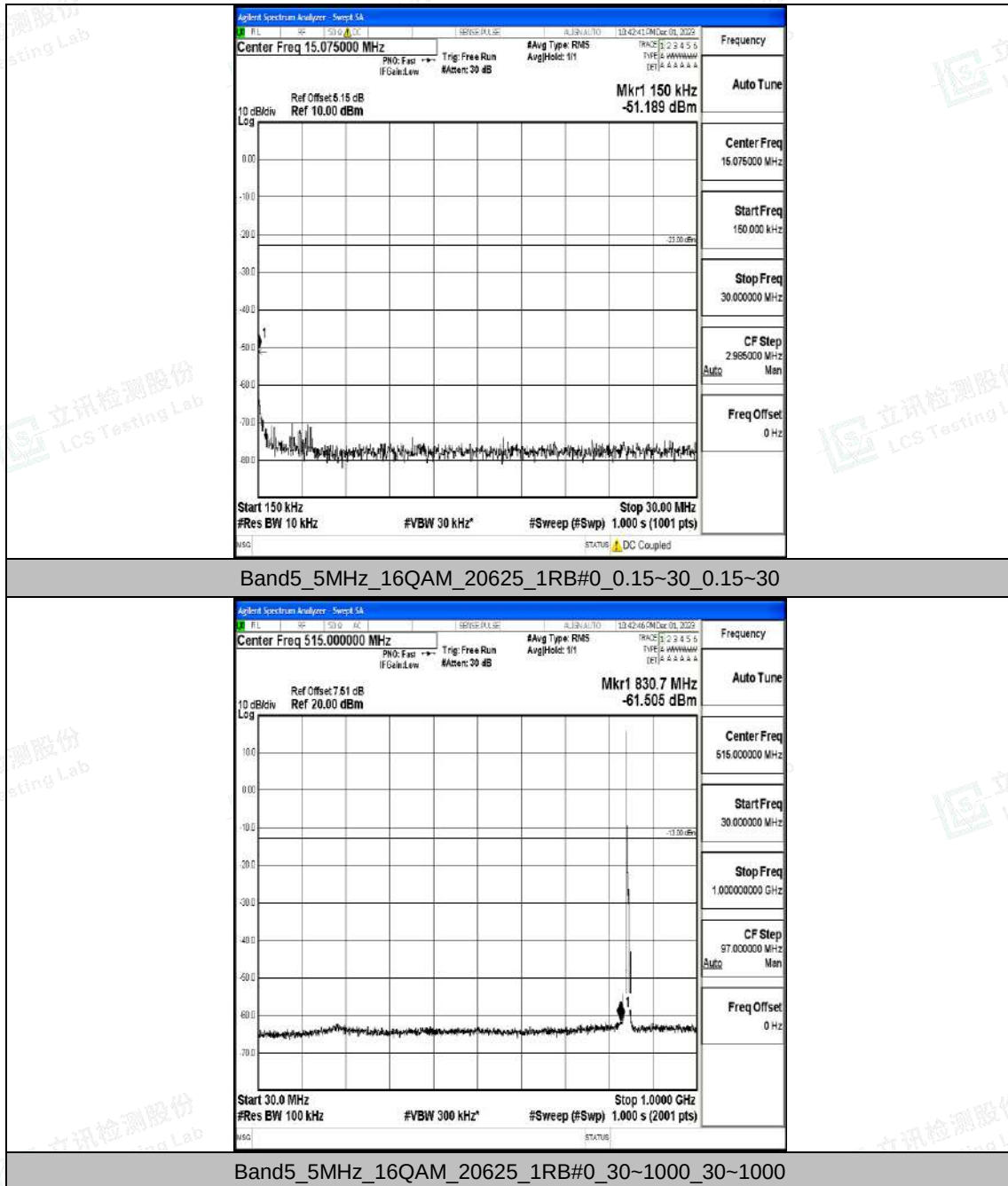


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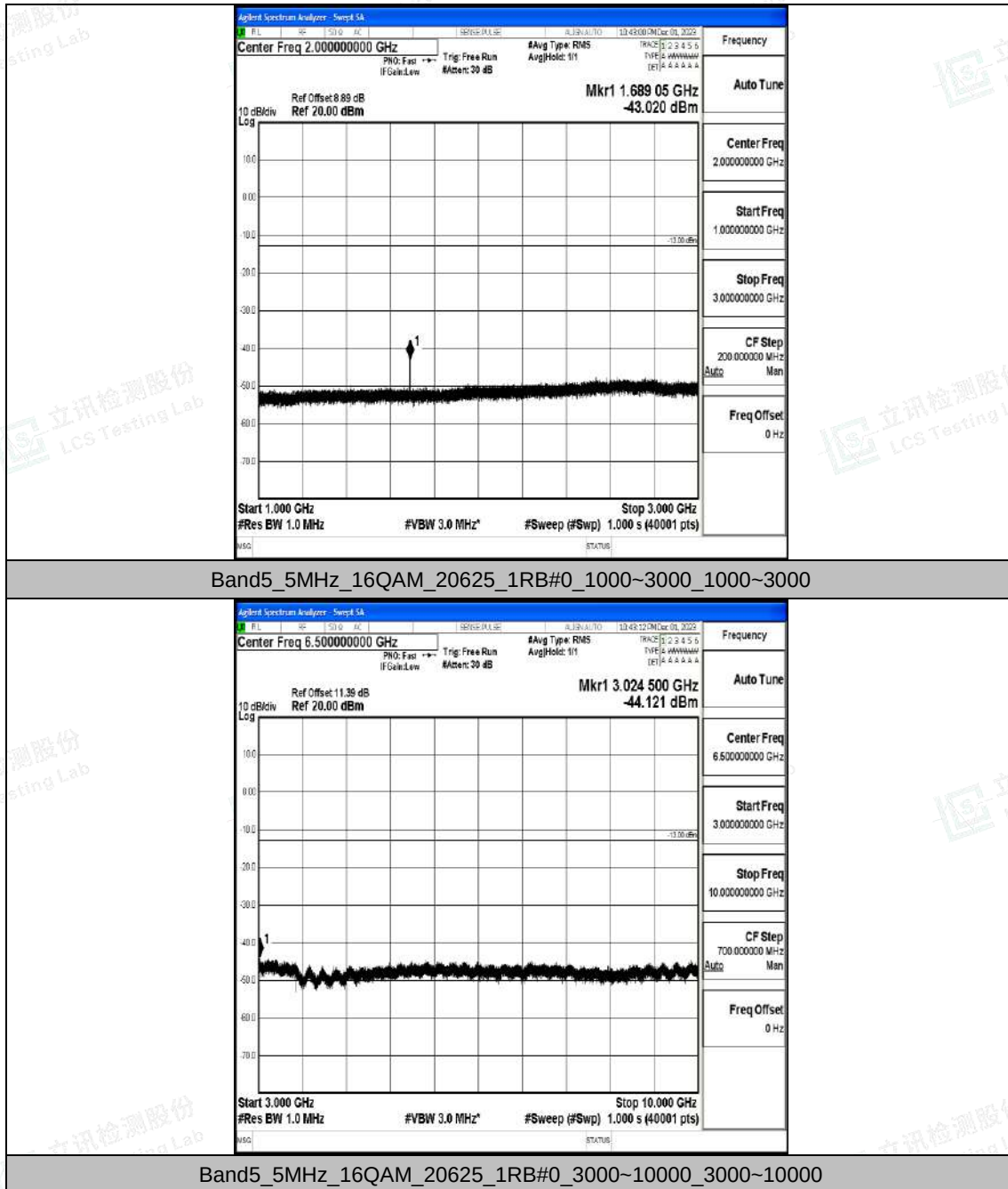


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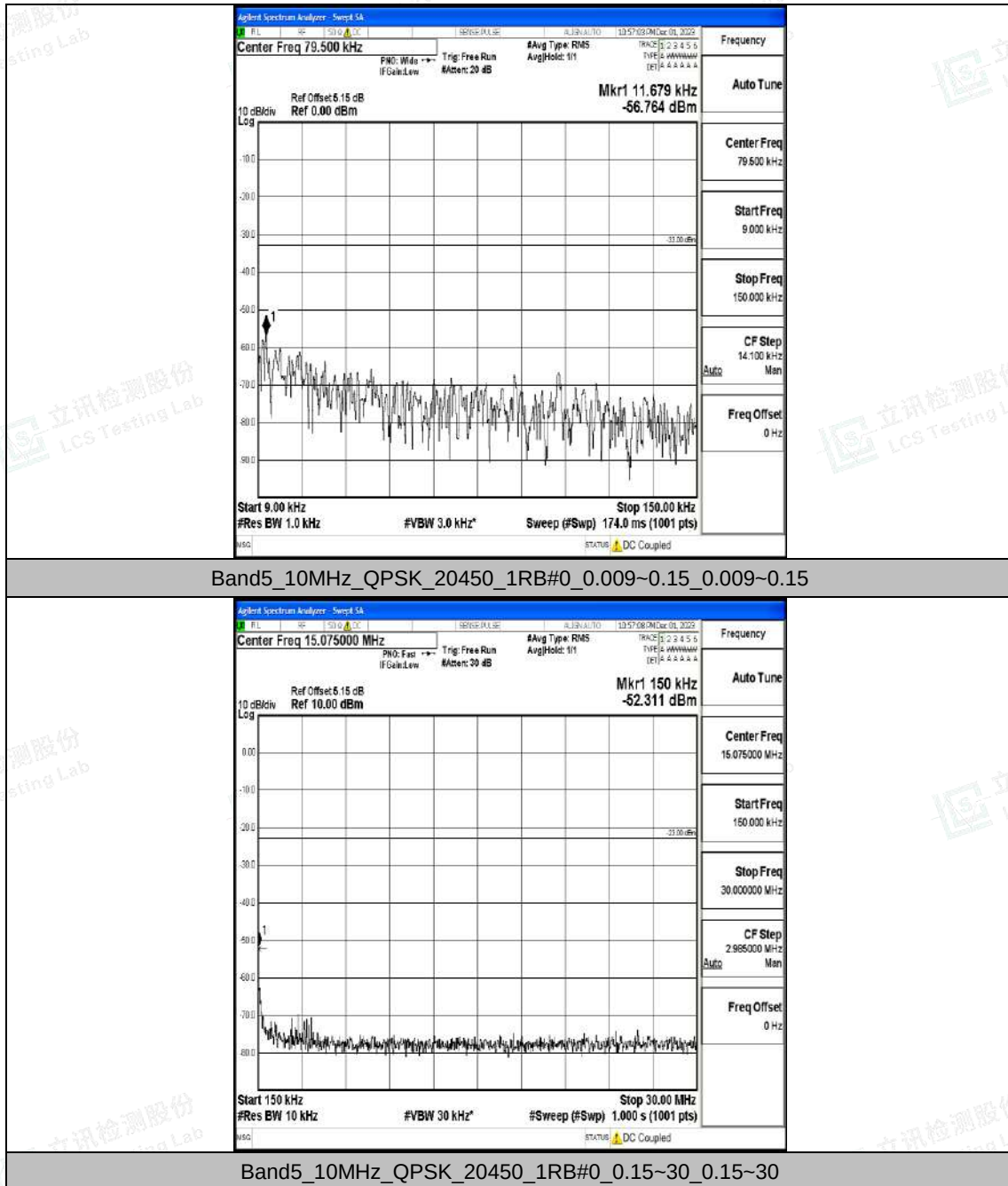


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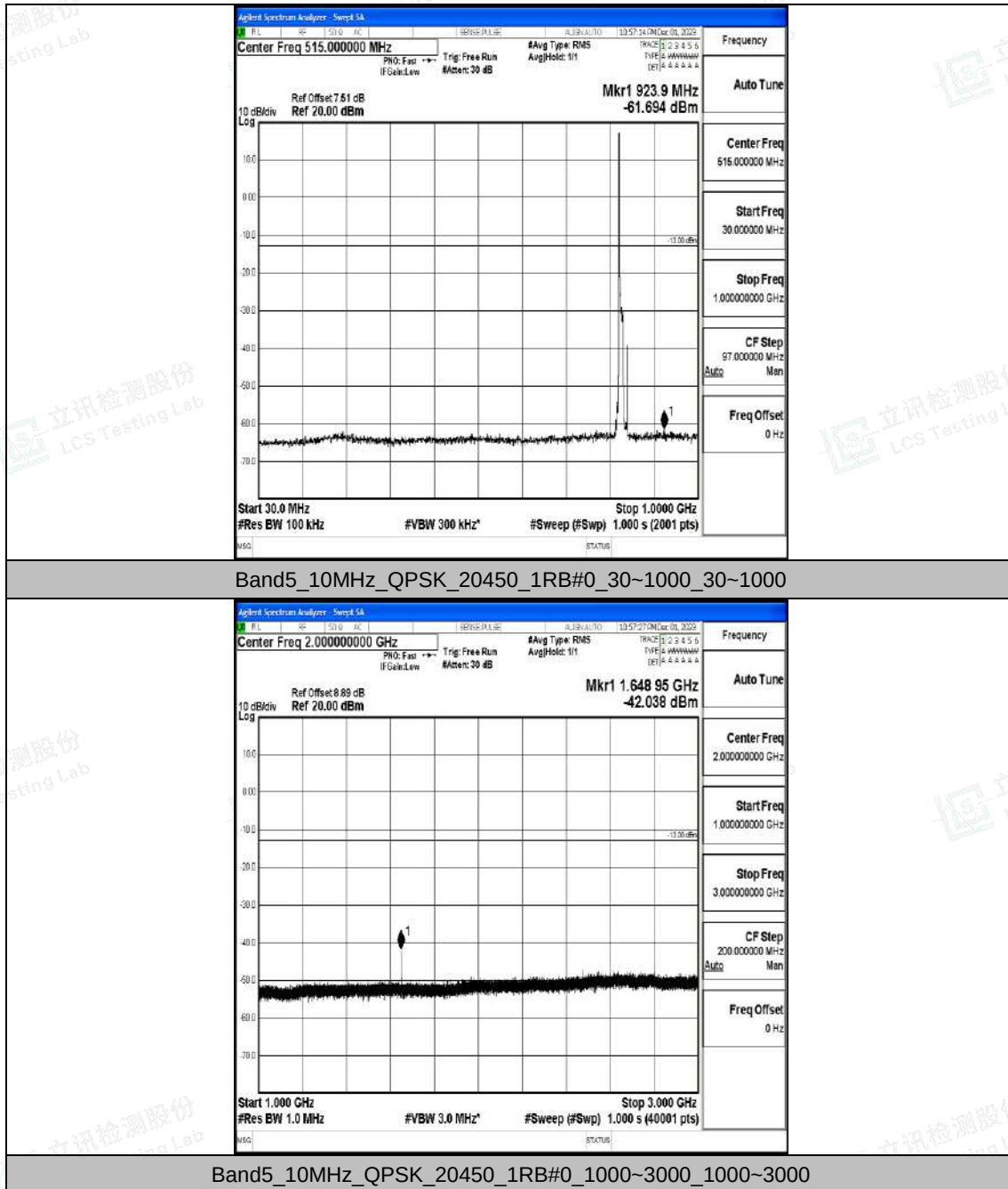


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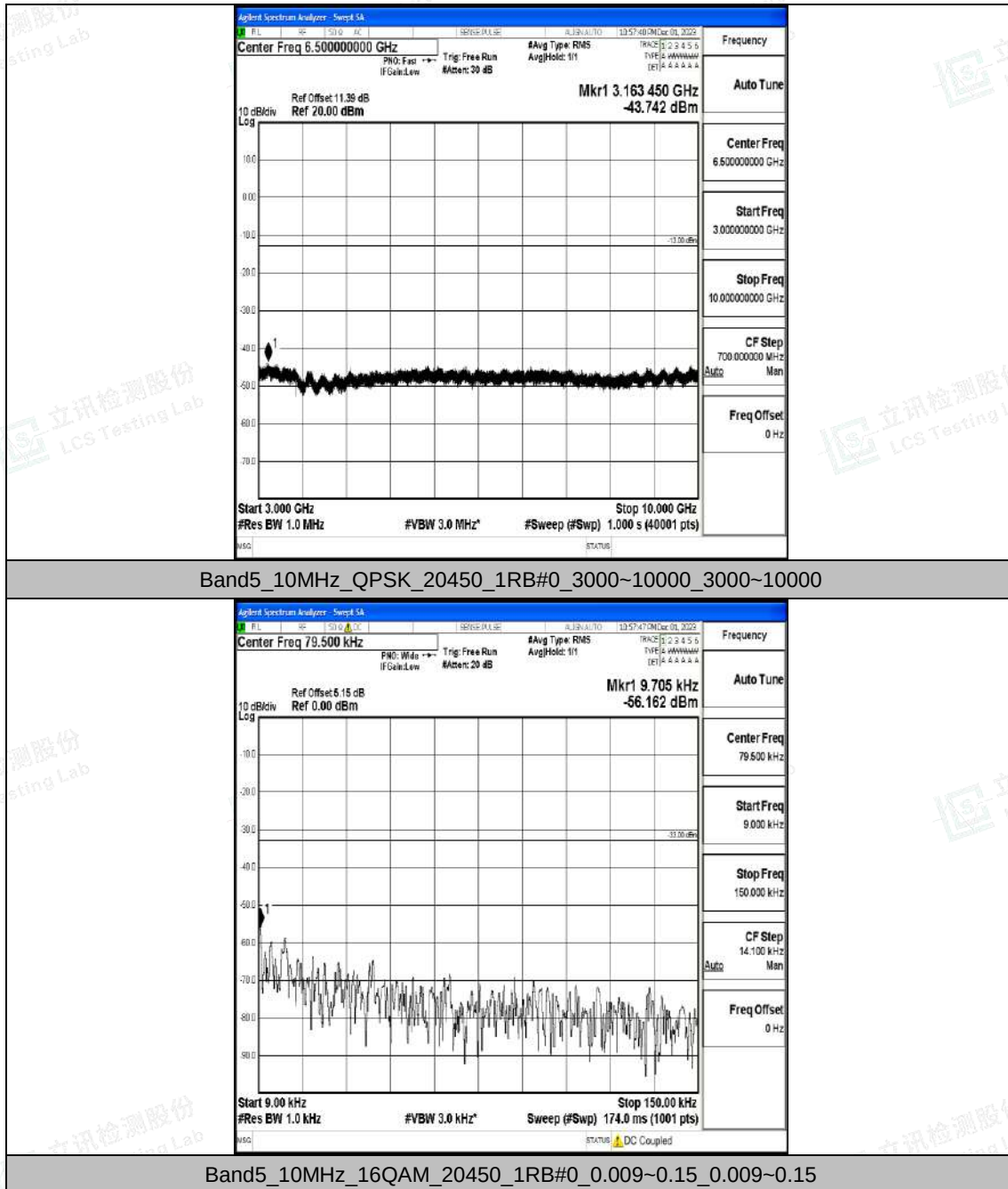


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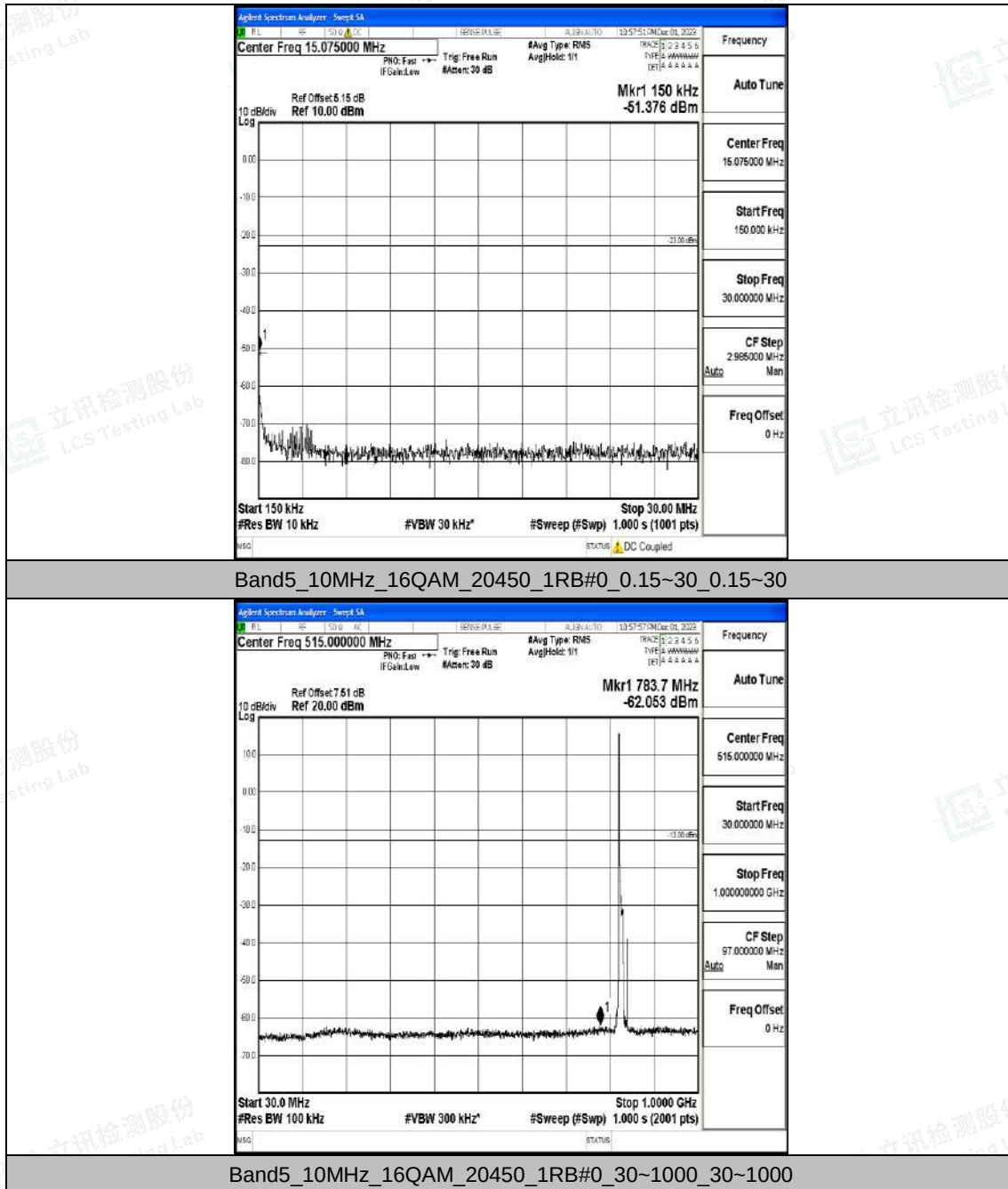


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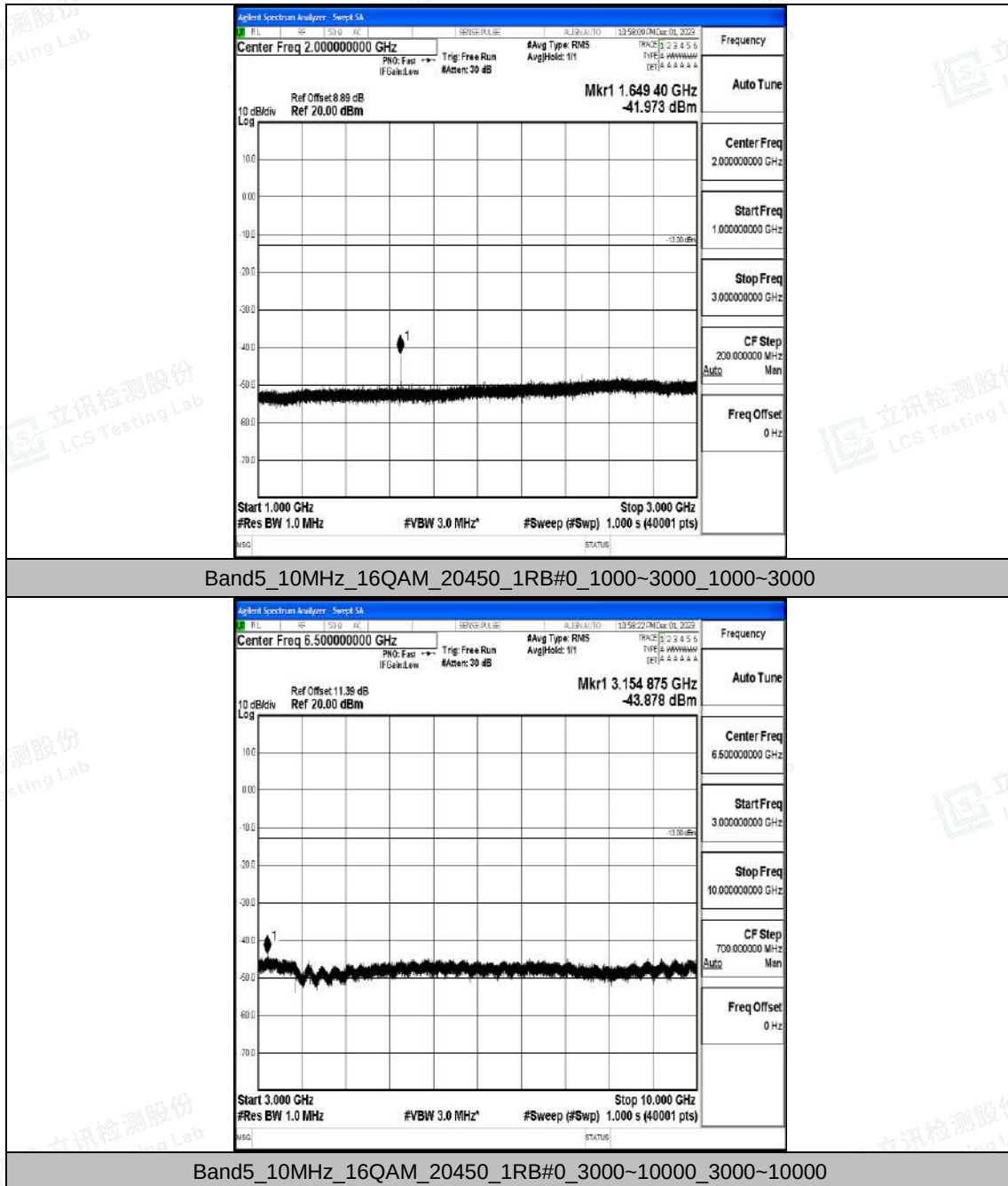


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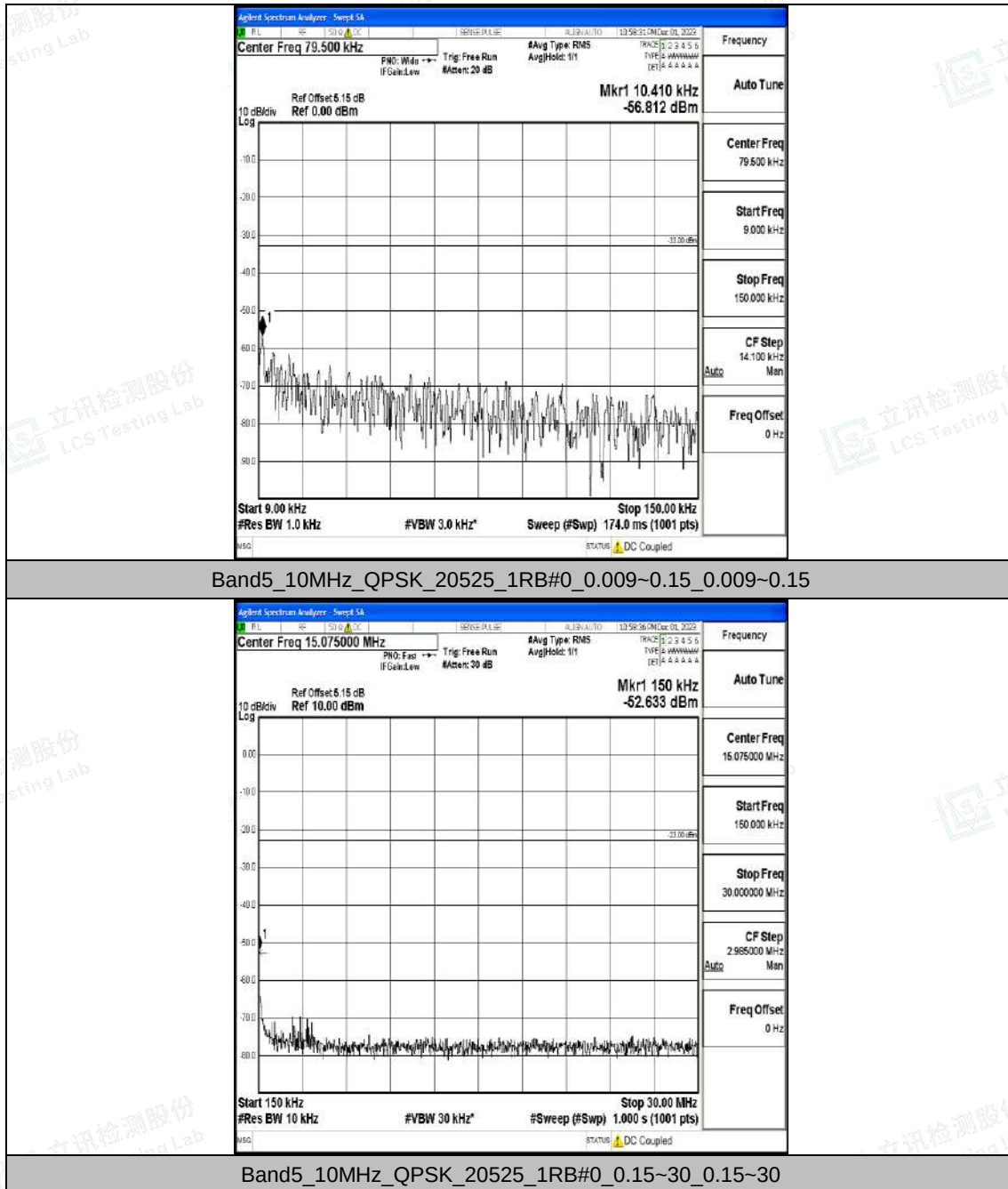


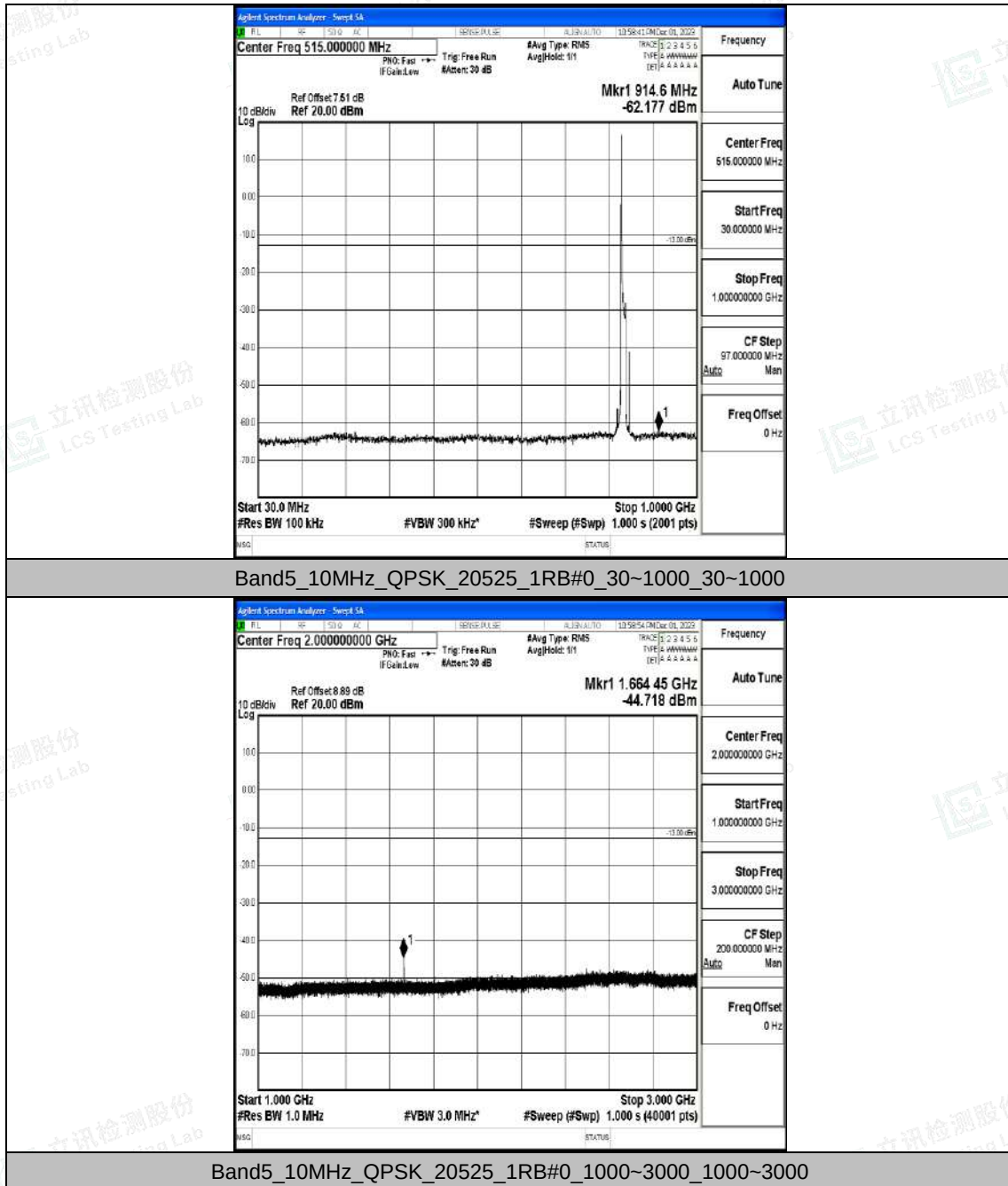
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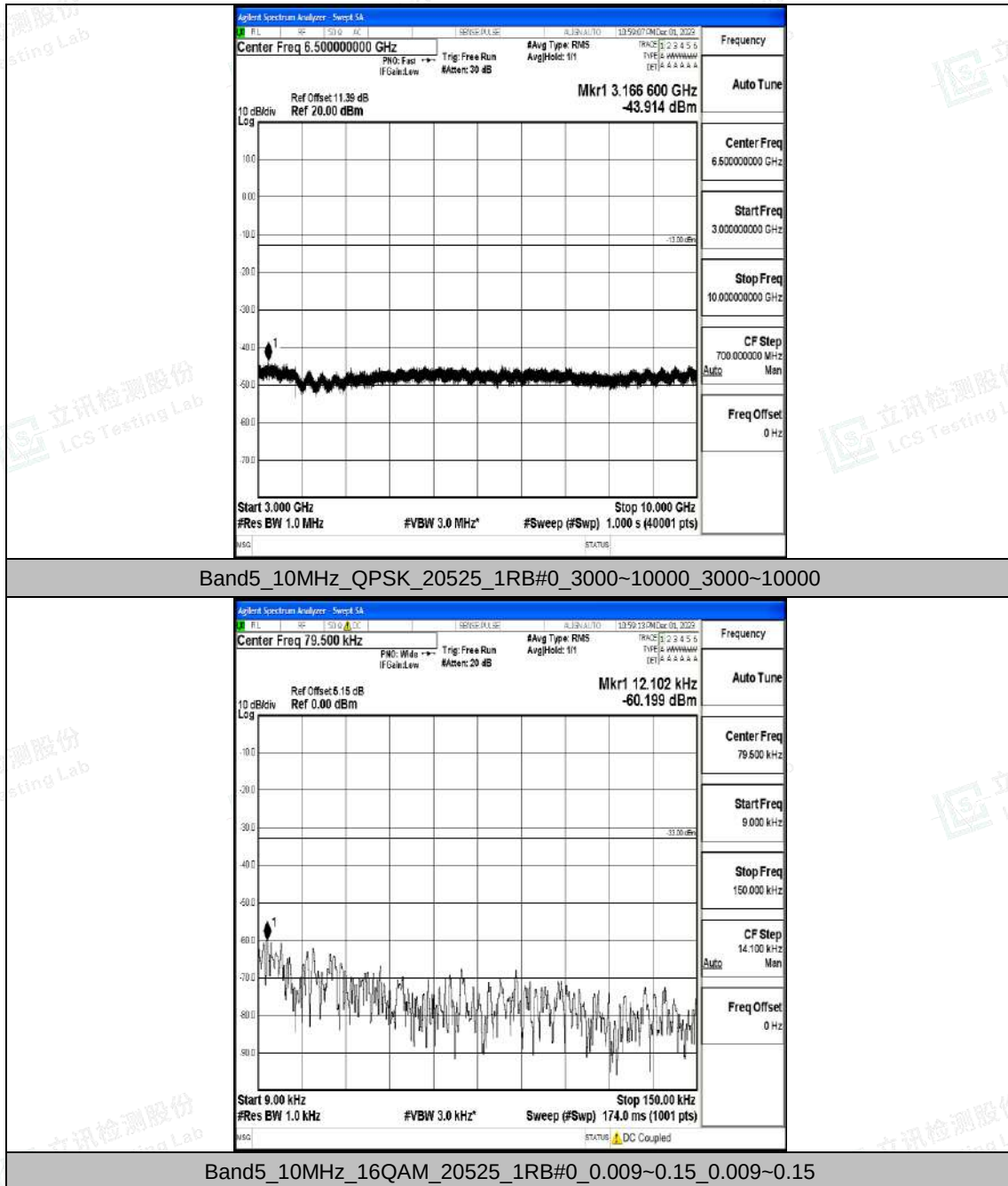


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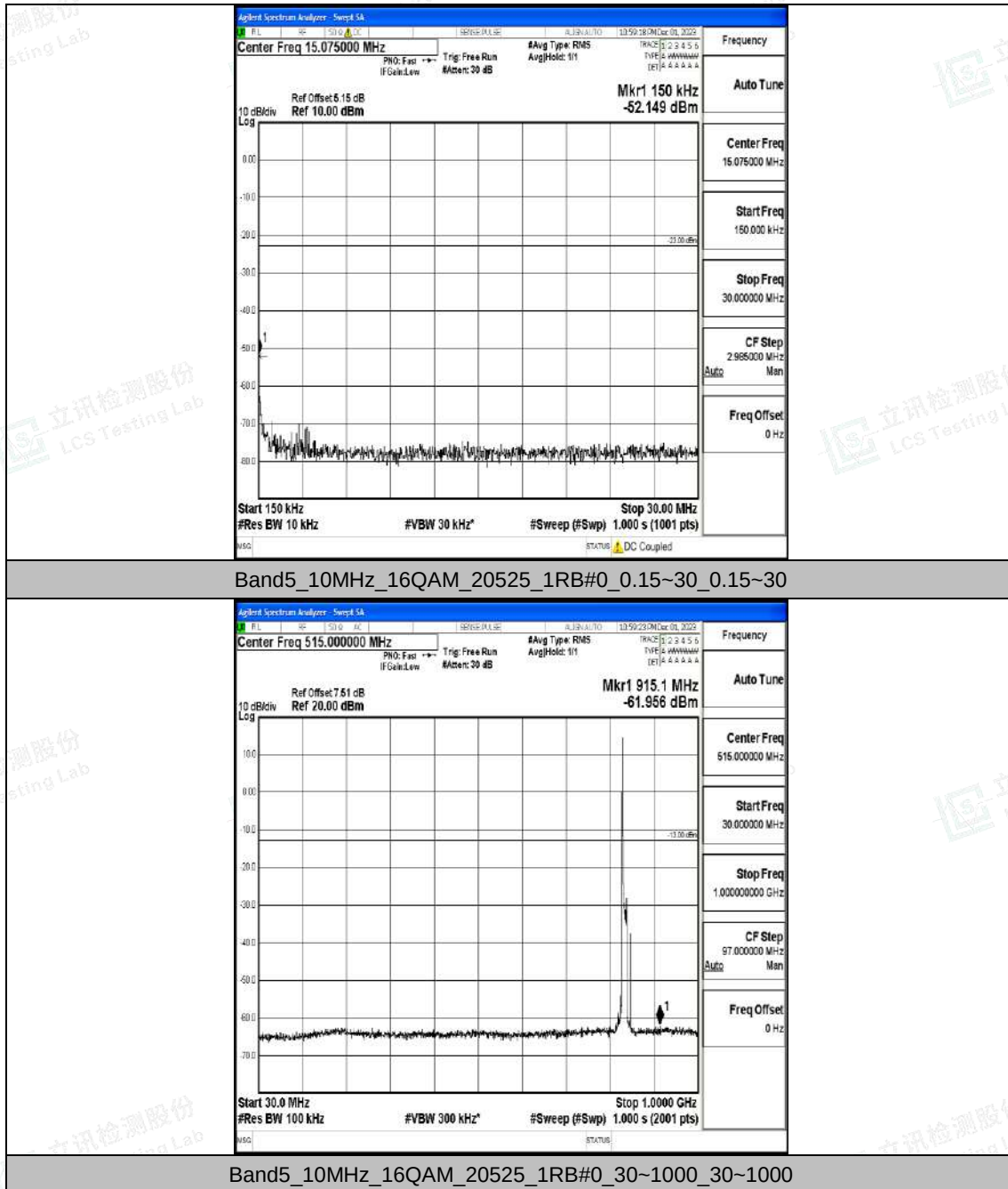


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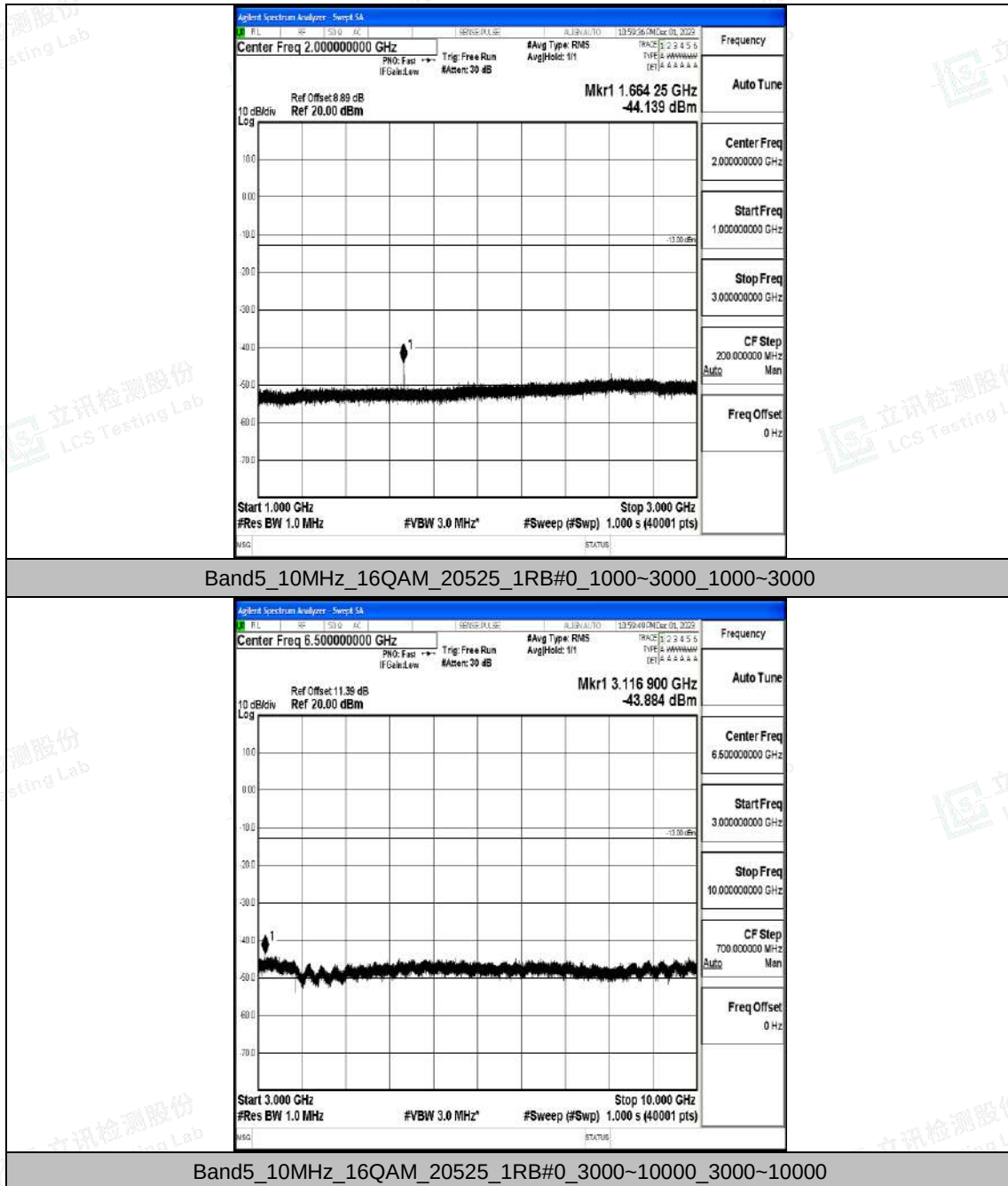


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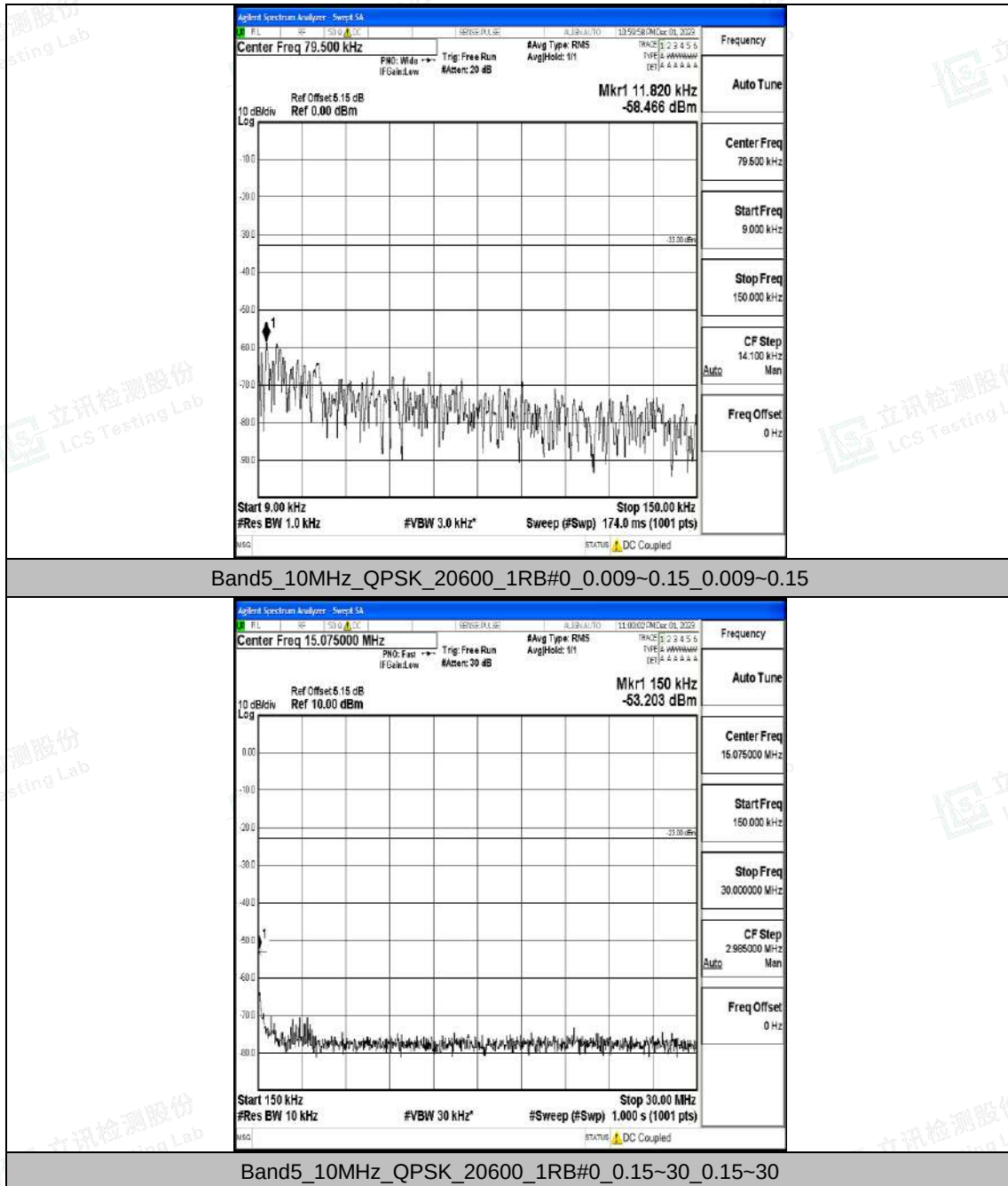


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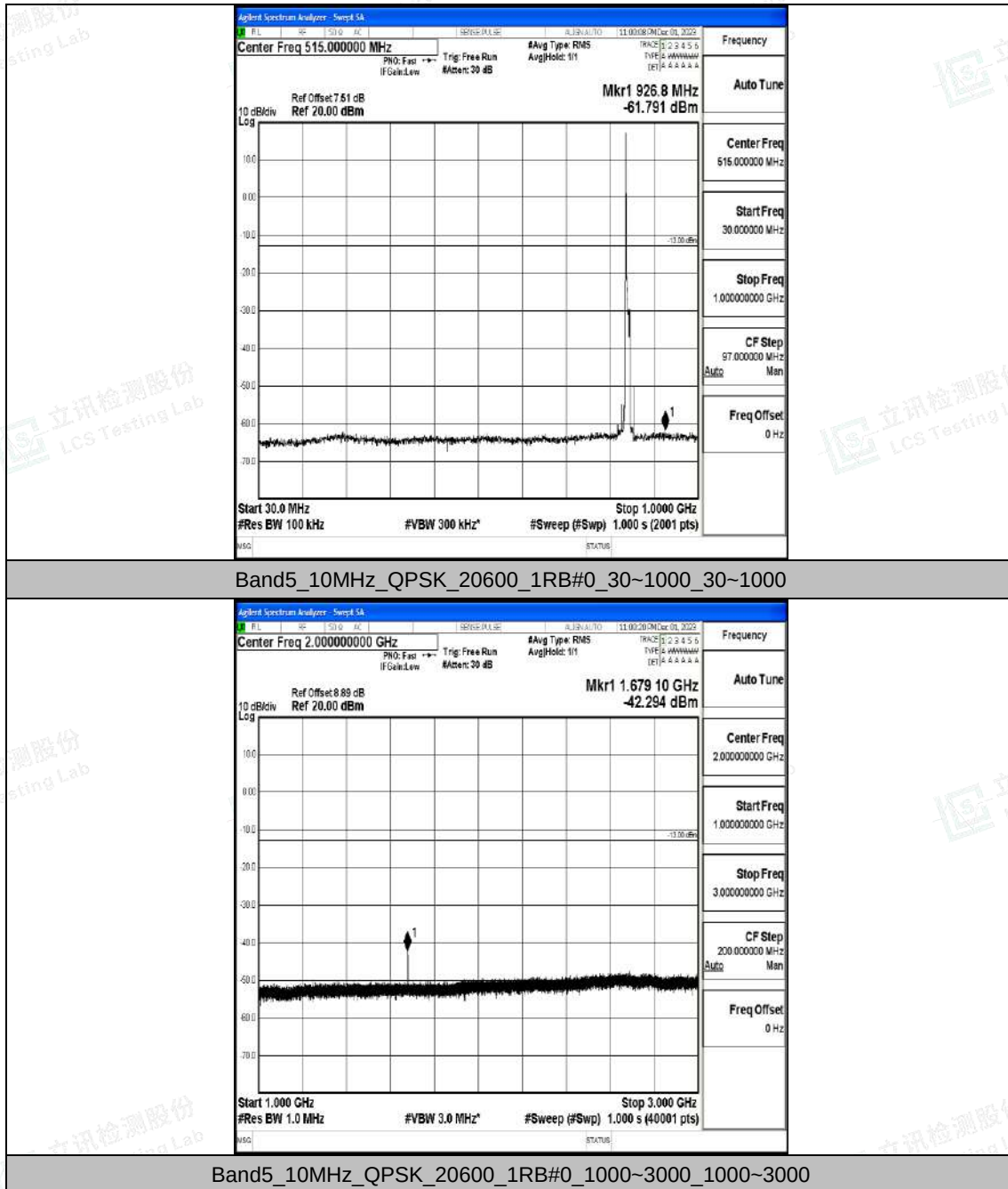


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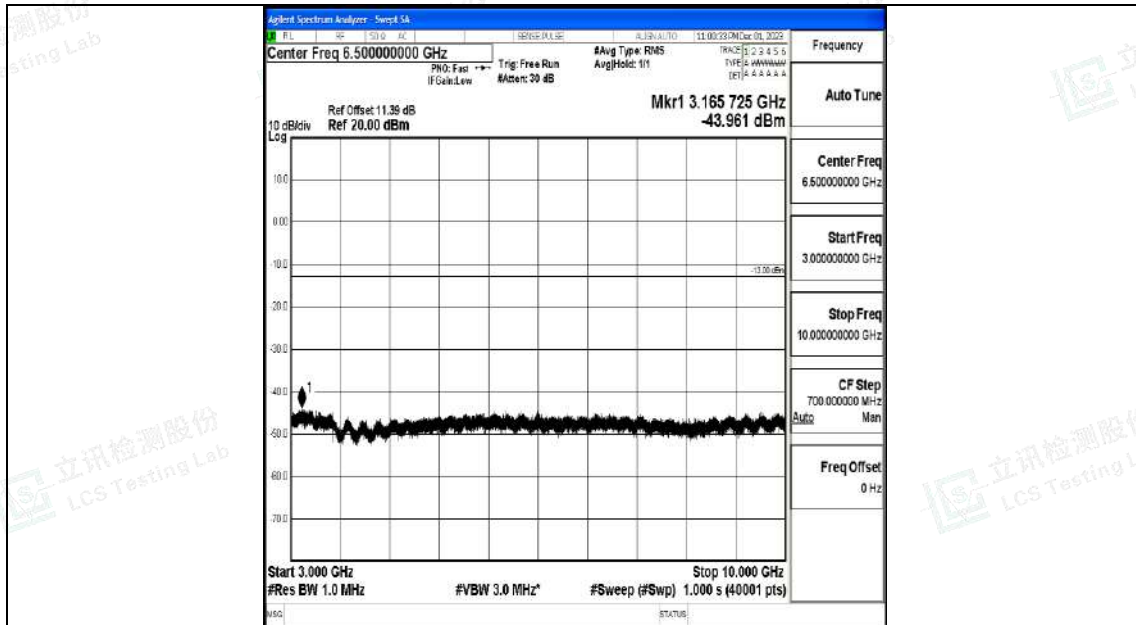


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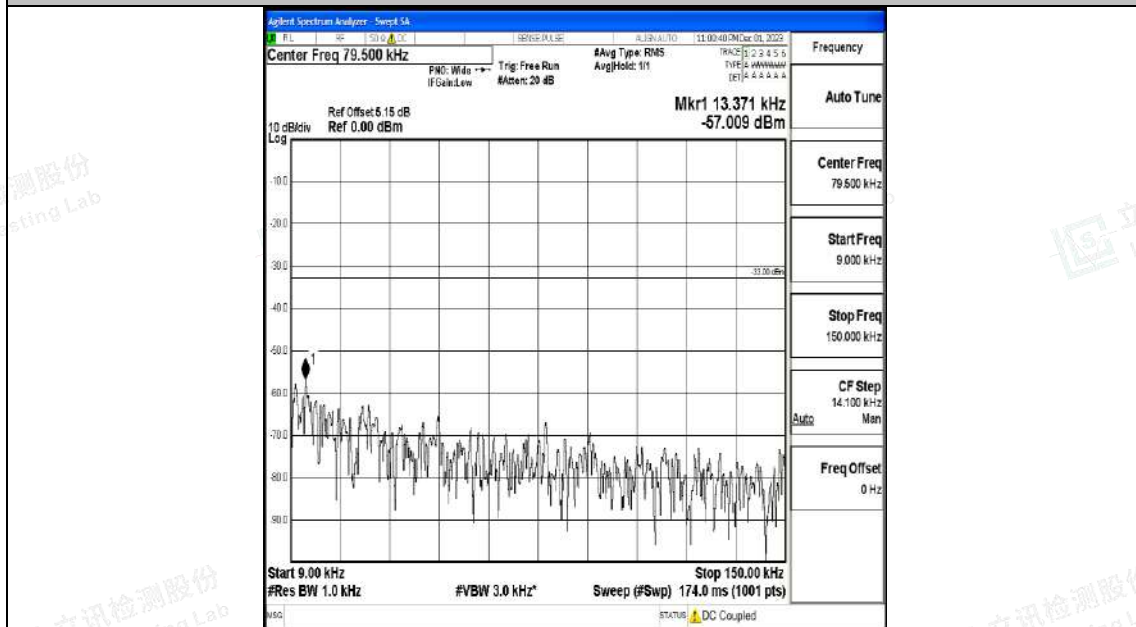
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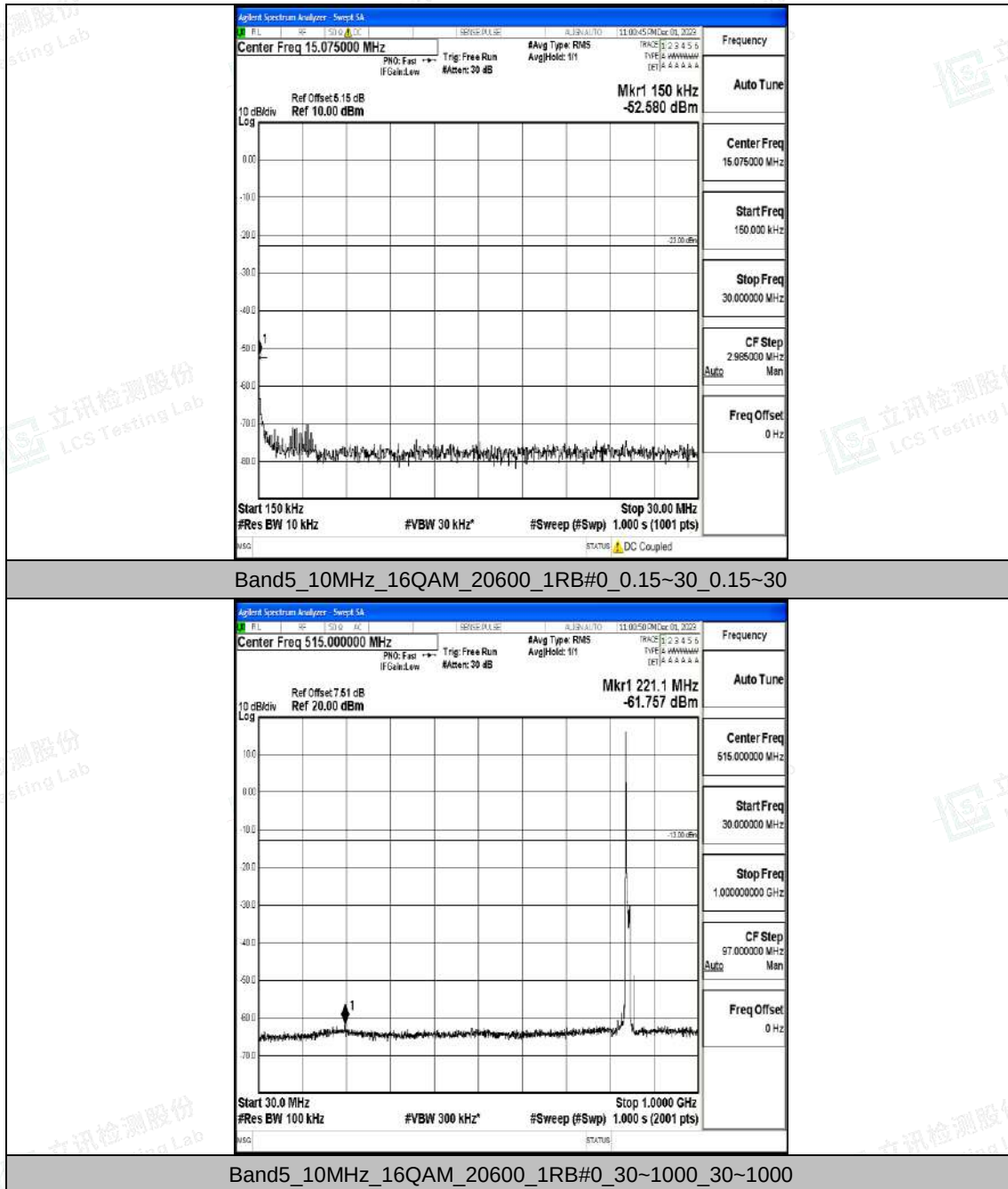


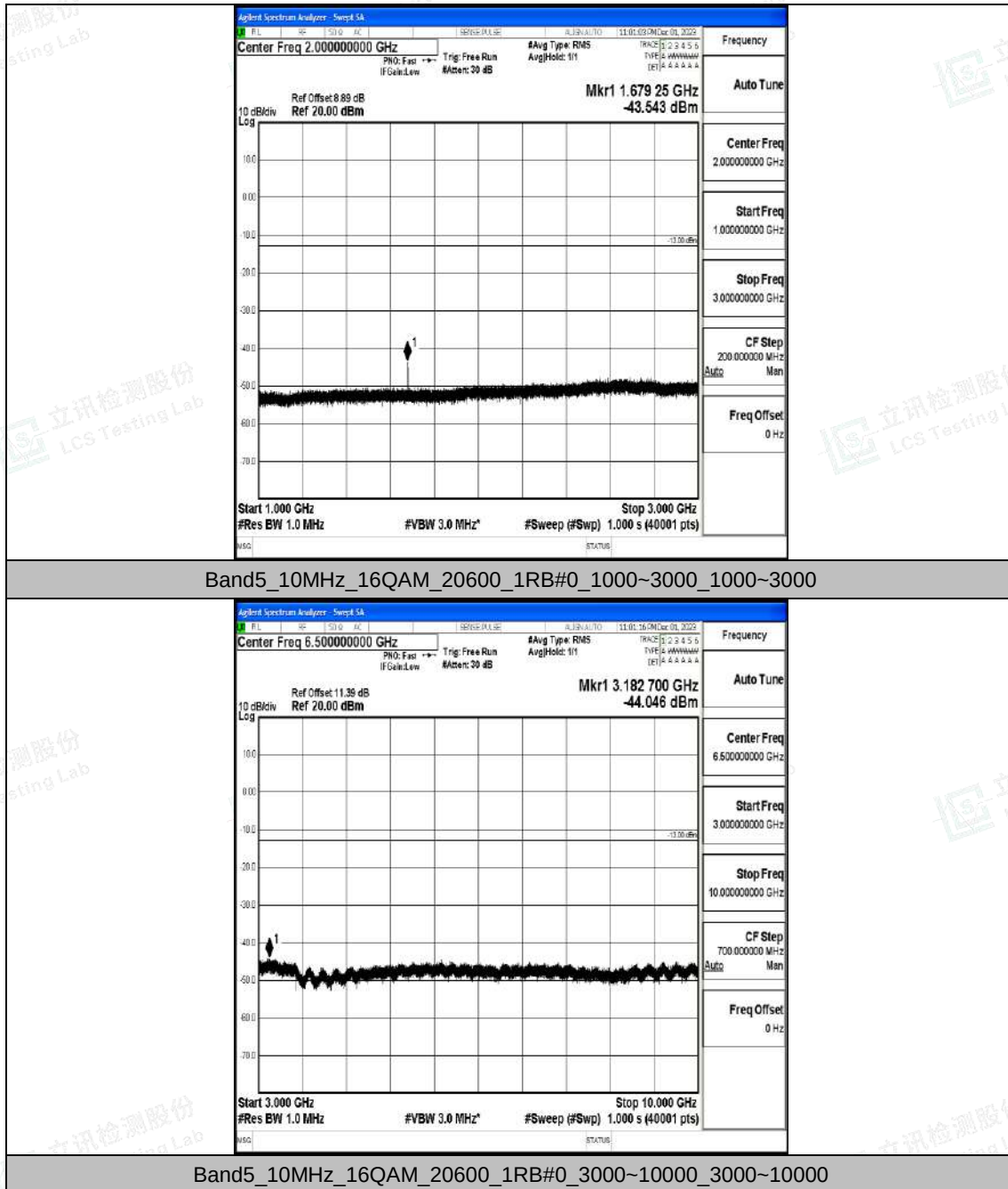
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