



Appendix H: Test Data for E-UTRA Band 5

Product Name: Smartphone

Test Model: NET ALPHA

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Taylor Hu
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
Band5	1.4MHz	QPSK	20407	1RB#0	23.04	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.71	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.10	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.32	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.06	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.24	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.09	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	21.66	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.11	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.66	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.06	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.79	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.44	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.20	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	22.82	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.71	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.70	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	21.83	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	22.86	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	21.70	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	22.86	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	21.85	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	22.86	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	21.84	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	22.86	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	21.44	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.38	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.12	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.98	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.59	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.05	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.54	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.04	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.55	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.04	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	21.63	PASS



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Band5	1.4MHz	QPSK	20643	3RB#1	23.05	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.63	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.99	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.57	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.52	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.32	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.02	PASS
Band5	3MHz	16QAM	20415	1RB#0	21.91	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.95	PASS
Band5	3MHz	16QAM	20415	1RB#8	21.73	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.00	PASS
Band5	3MHz	16QAM	20415	1RB#14	21.69	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.49	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.14	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.50	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.14	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.67	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.16	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.52	PASS
Band5	3MHz	16QAM	20415	15RB#0	20.97	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.88	PASS
Band5	3MHz	16QAM	20525	1RB#0	21.75	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.84	PASS
Band5	3MHz	16QAM	20525	1RB#8	21.63	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.76	PASS
Band5	3MHz	16QAM	20525	1RB#14	21.67	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.35	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.19	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.25	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.05	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.43	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.43	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.23	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.03	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.03	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.98	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.02	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.03	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.06	PASS



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Band5	3MHz	QPSK	20635	8RB#0	22.37	PASS
Band5	3MHz	16QAM	20635	8RB#0	20.93	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.39	PASS
Band5	3MHz	16QAM	20635	8RB#4	20.93	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.48	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.36	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.28	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.90	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.13	PASS
Band5	5MHz	16QAM	20425	1RB#0	21.40	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.10	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.36	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.99	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.33	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.49	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.08	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.49	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.08	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.30	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.03	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.64	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.15	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.78	PASS
Band5	5MHz	16QAM	20525	1RB#0	21.83	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.92	PASS
Band5	5MHz	16QAM	20525	1RB#12	21.70	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.86	PASS
Band5	5MHz	16QAM	20525	1RB#24	21.80	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.37	PASS
Band5	5MHz	16QAM	20525	12RB#0	20.94	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.39	PASS
Band5	5MHz	16QAM	20525	12RB#6	20.94	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.26	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.25	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.44	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.13	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.05	PASS
Band5	5MHz	16QAM	20625	1RB#0	21.87	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.97	PASS
Band5	5MHz	16QAM	20625	1RB#12	21.91	PASS



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Band5	5MHz	QPSK	20625	1RB#24	23.00	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.93	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.38	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.31	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.39	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.31	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.49	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.01	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.48	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.98	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.01	PASS
Band5	10MHz	16QAM	20450	1RB#0	21.83	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.96	PASS
Band5	10MHz	16QAM	20450	1RB#24	21.79	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.90	PASS
Band5	10MHz	16QAM	20450	1RB#49	21.66	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.71	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.03	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.55	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.02	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.40	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.01	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.60	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.44	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.97	PASS
Band5	10MHz	16QAM	20525	1RB#0	21.67	PASS
Band5	10MHz	QPSK	20525	1RB#24	22.87	PASS
Band5	10MHz	16QAM	20525	1RB#24	21.60	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.90	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.67	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.41	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.20	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.41	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.22	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.40	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.15	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.55	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.33	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.08	PASS
Band5	10MHz	16QAM	20600	1RB#0	21.77	PASS



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Band5	10MHz	QPSK	20600	1RB#24	23.13	PASS
Band5	10MHz	16QAM	20600	1RB#24	21.78	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.17	PASS
Band5	10MHz	16QAM	20600	1RB#49	21.77	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.50	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.07	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.50	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.07	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.38	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.13	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.27	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.15	PASS





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

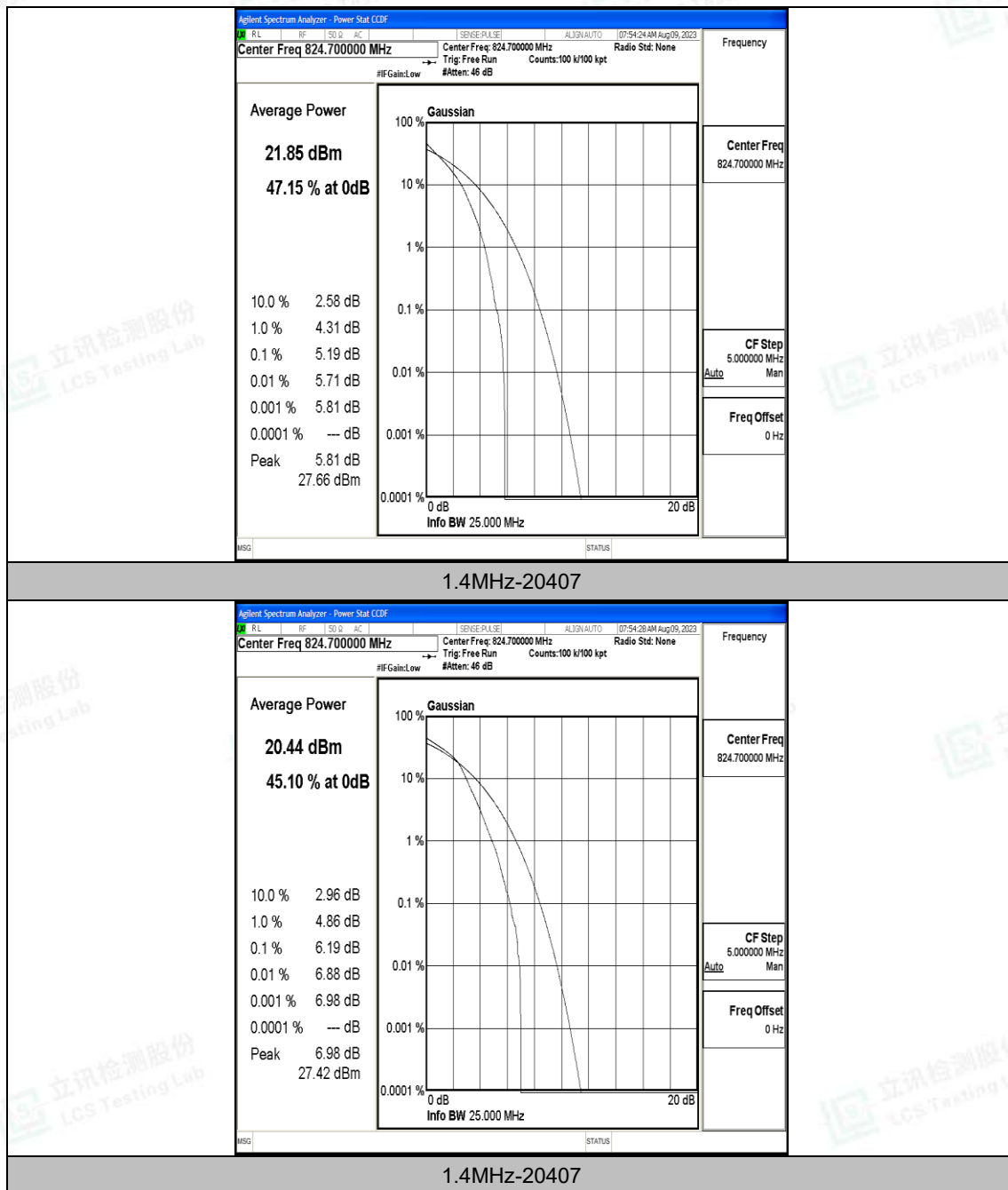
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.19	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.19	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.63	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.30	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.31	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.29	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.37	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.29	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.52	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.45	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.30	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.33	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.32	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.17	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.64	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.32	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.43	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.42	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.36	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.16	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.57	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.39	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.52	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.36	13	PASS





Test Graphs

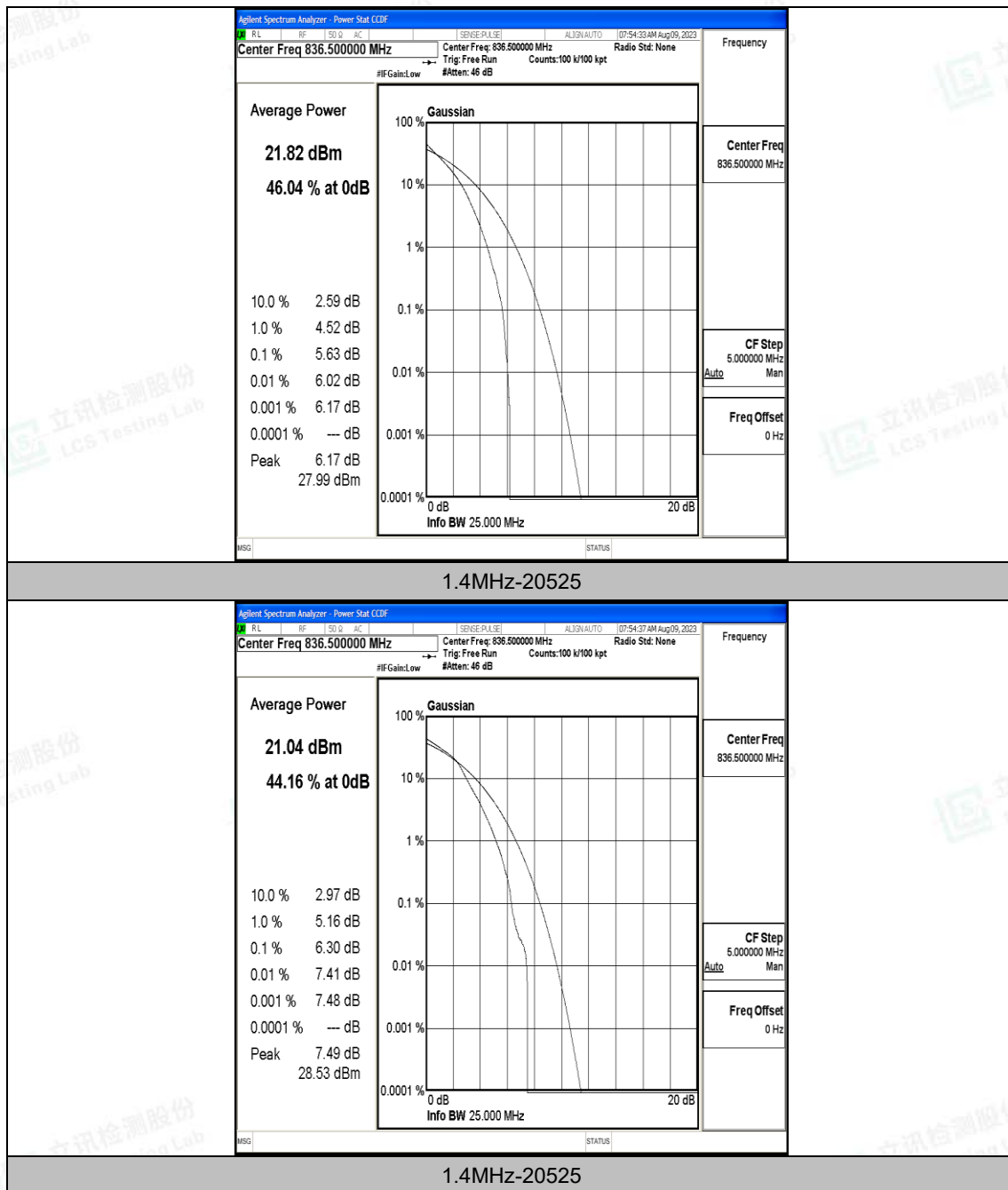


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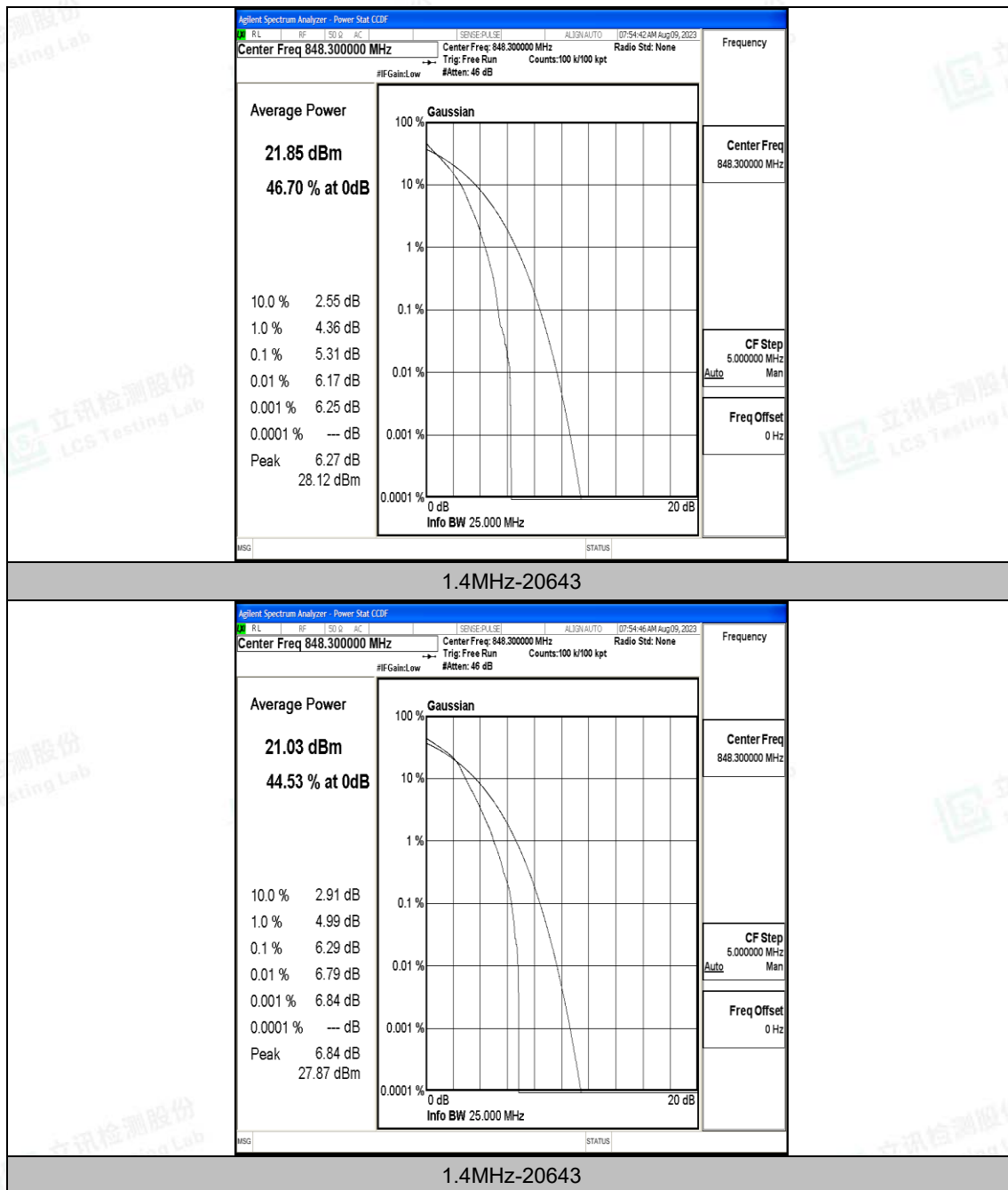


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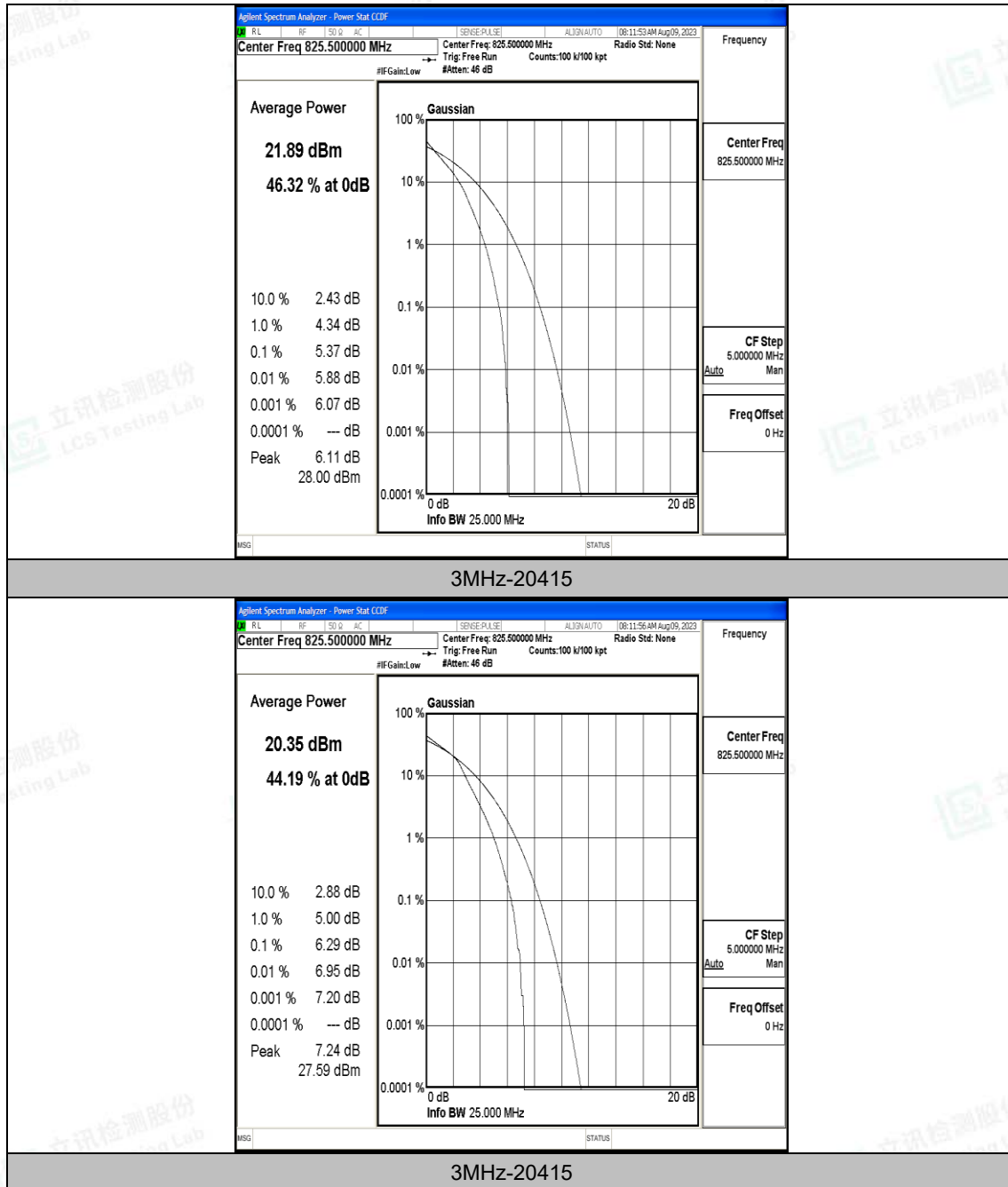


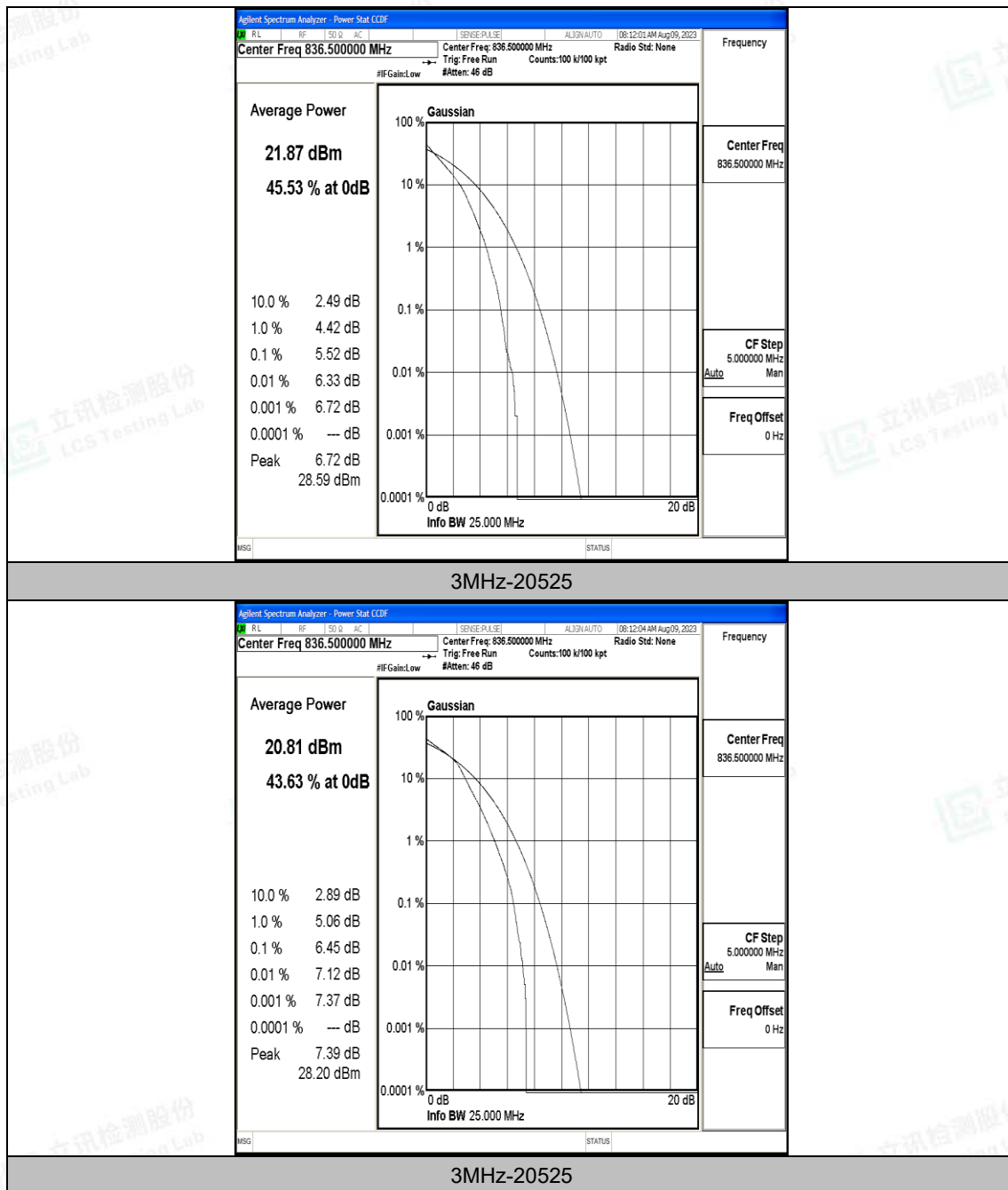
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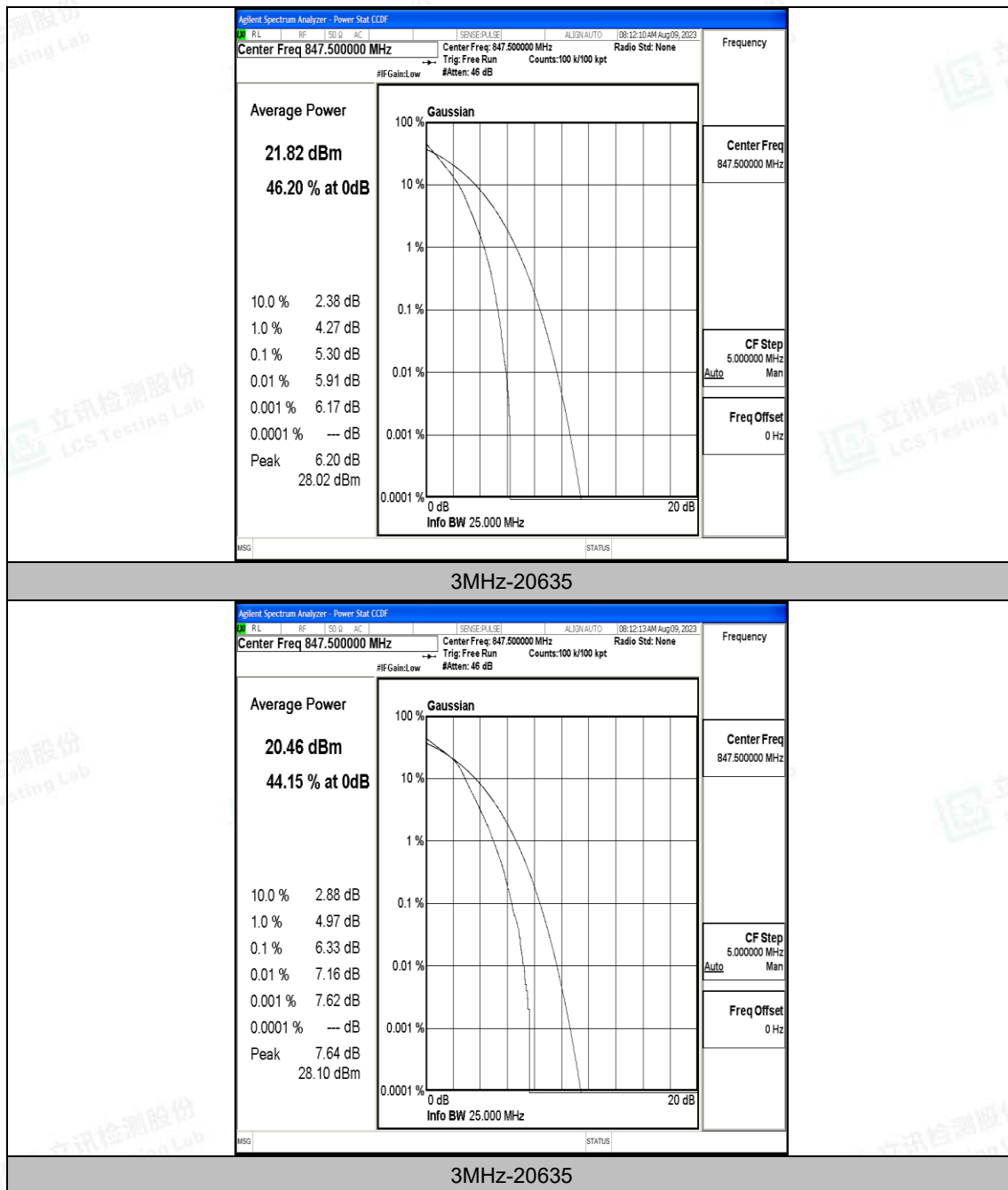


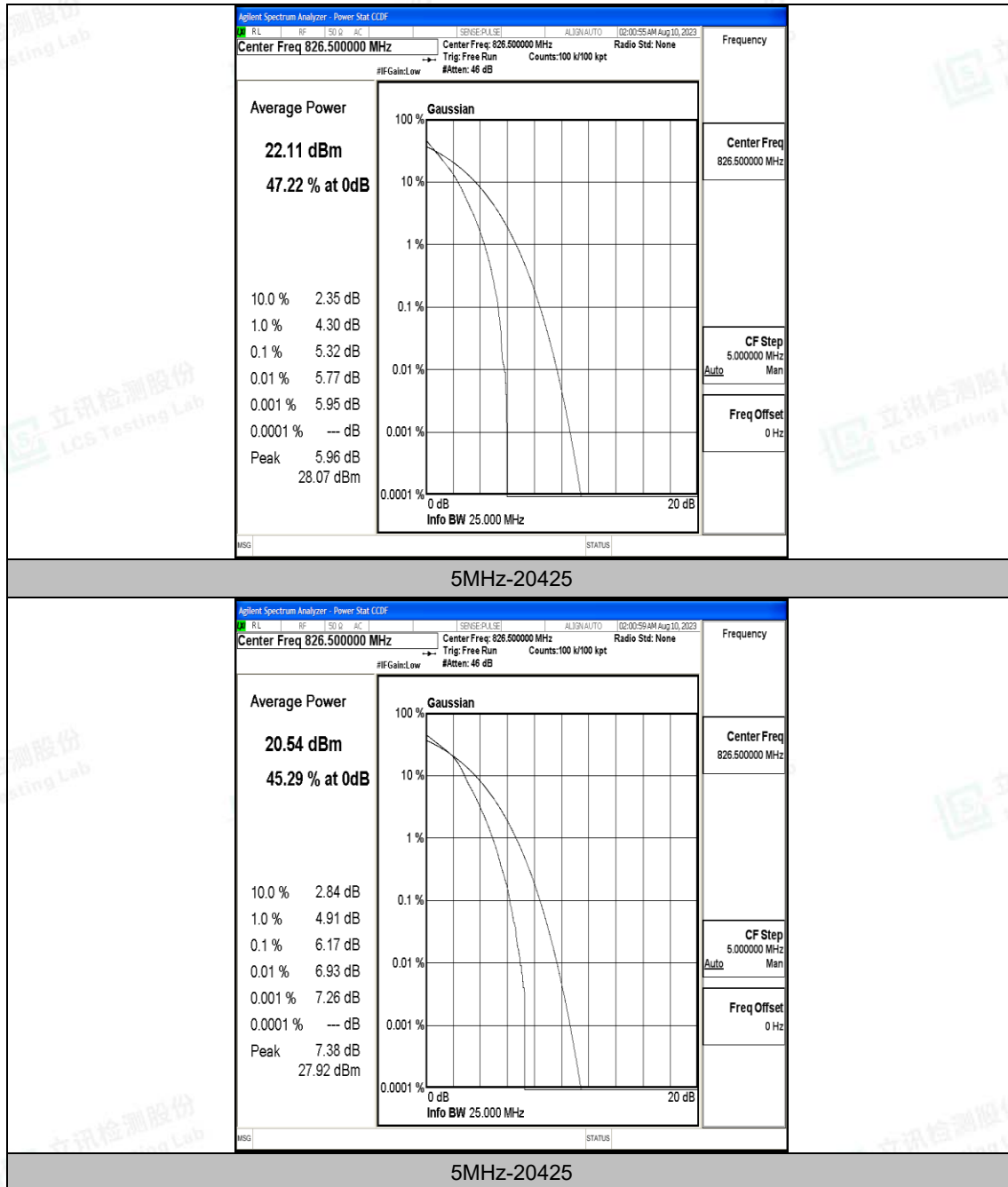
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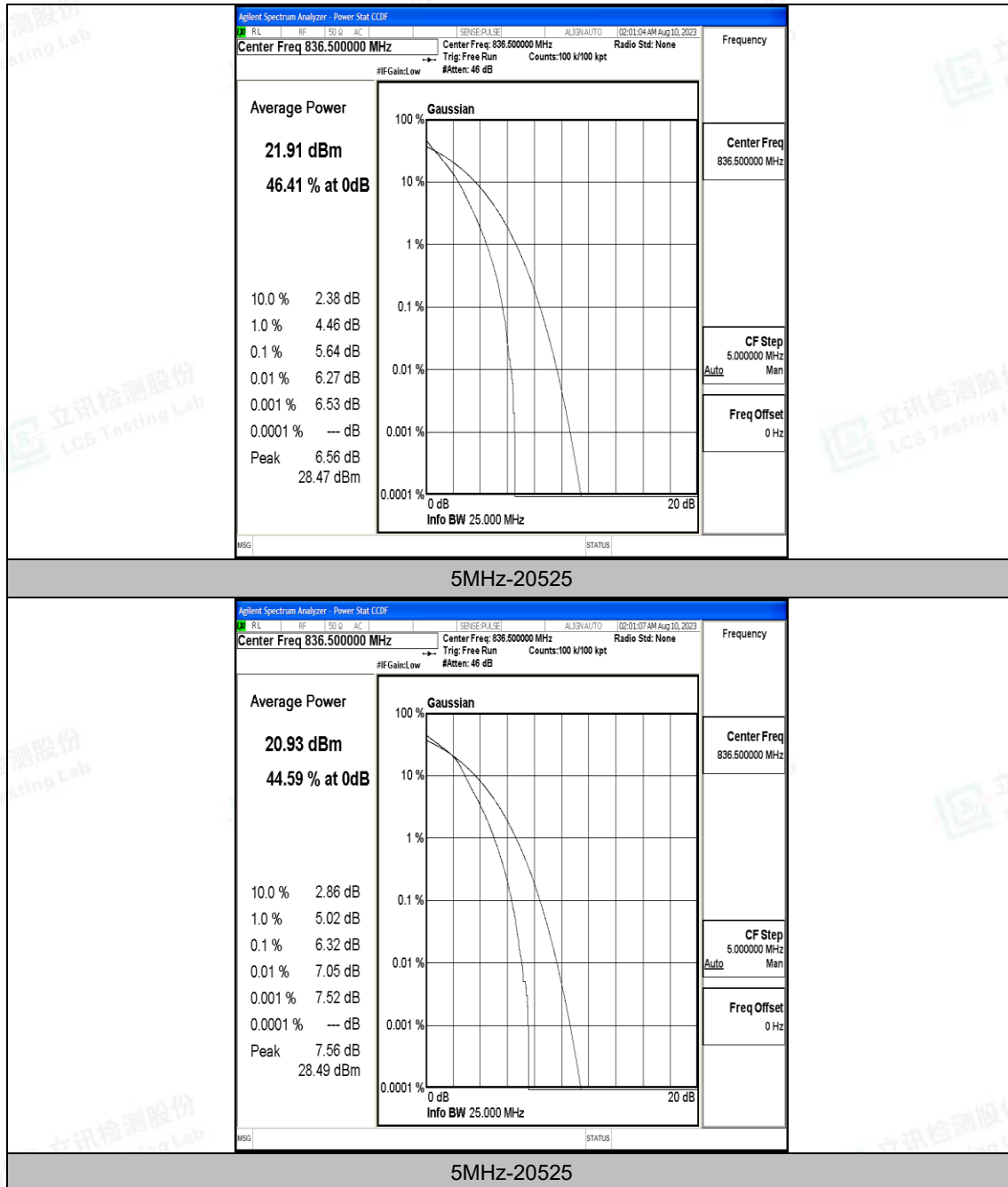


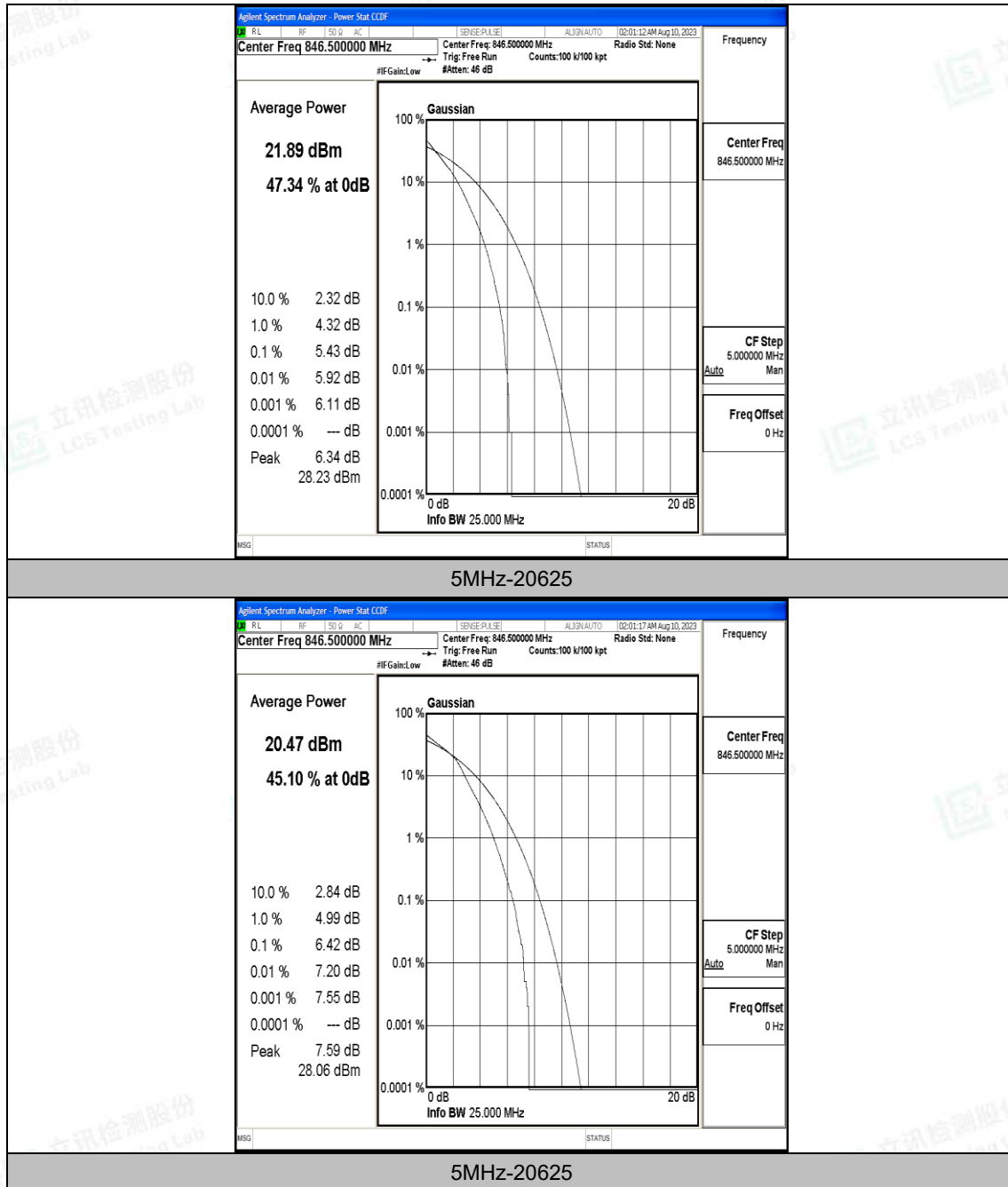
Shenzhen LCS Compliance Testing Laboratory Ltd.

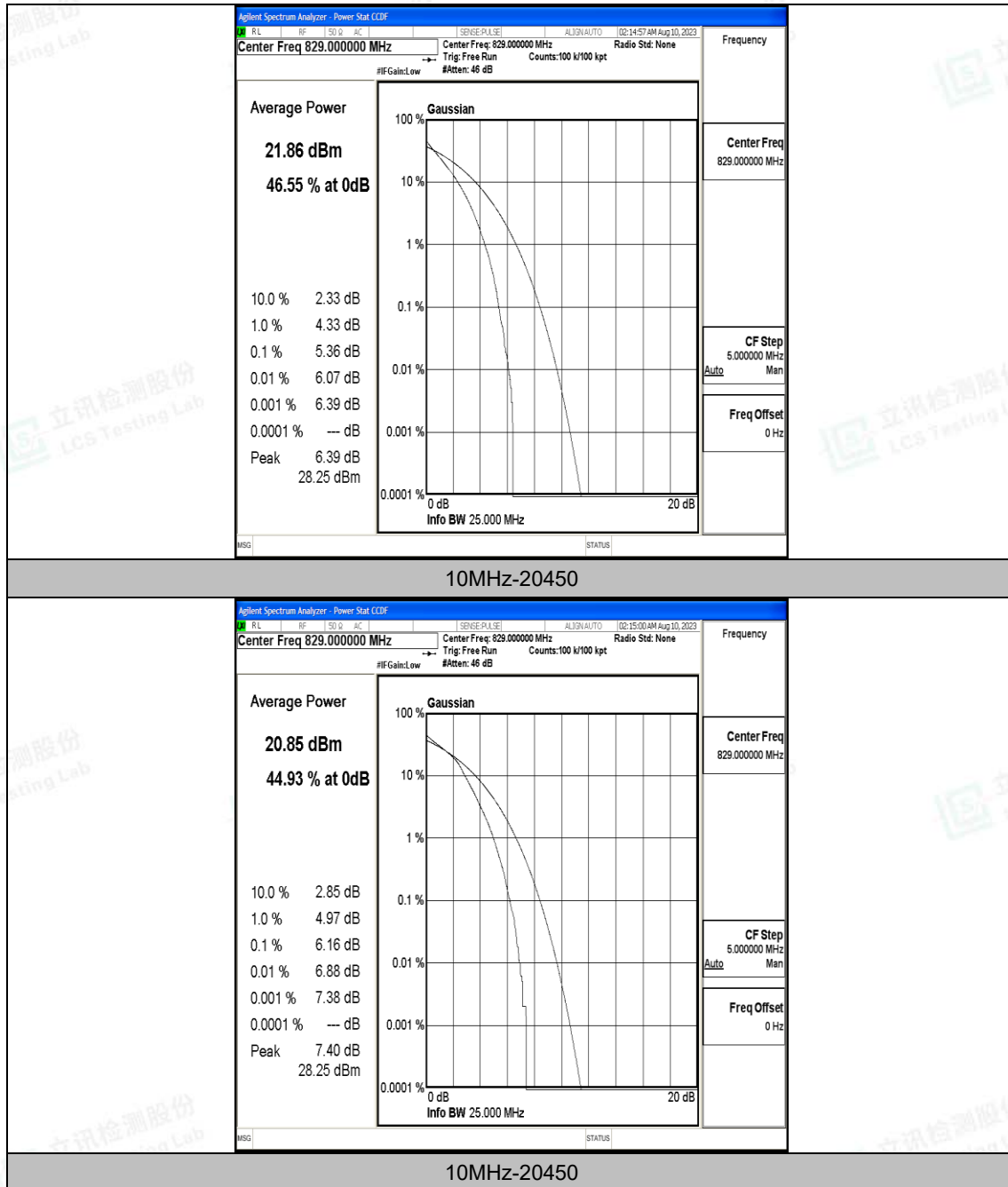
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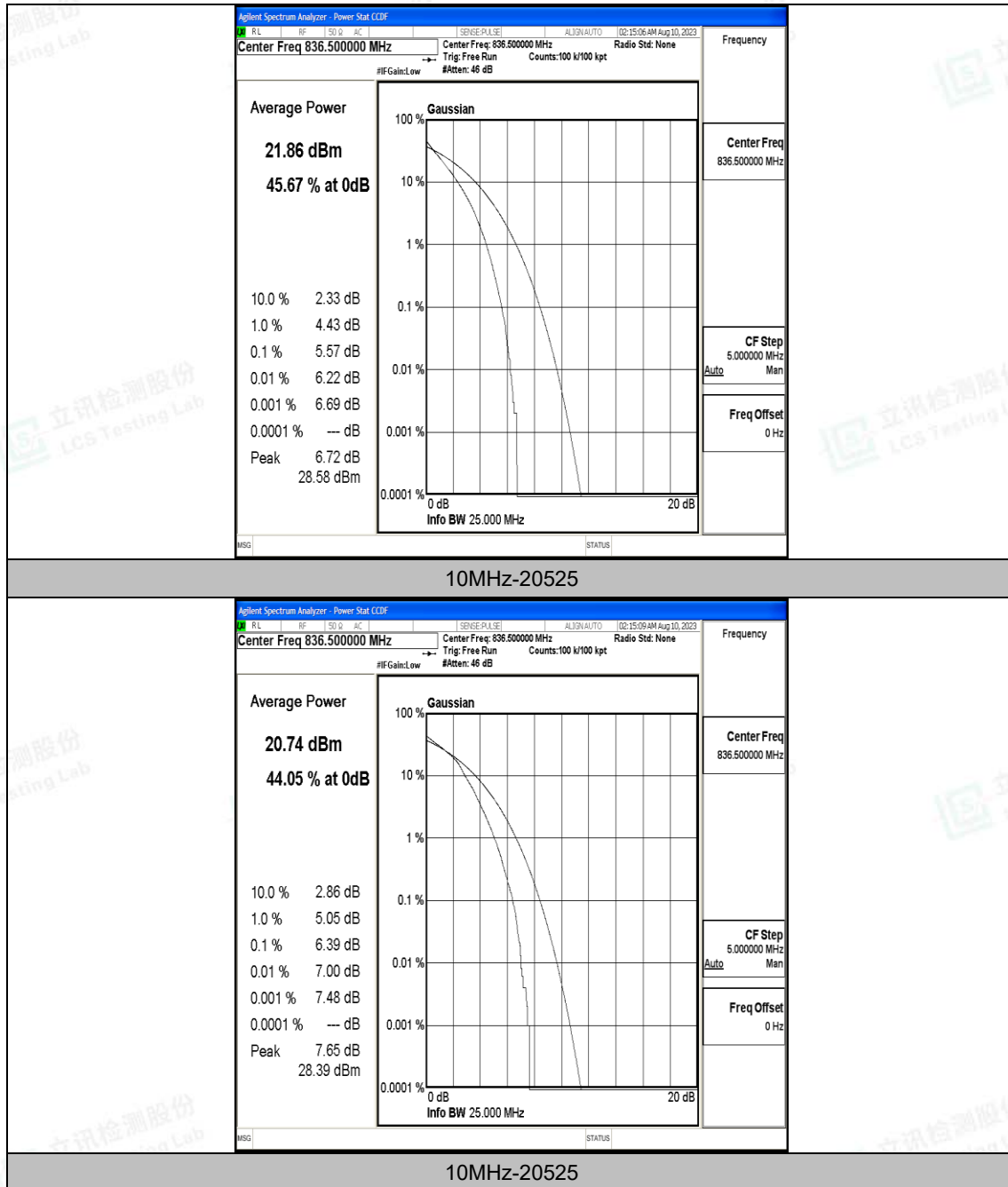


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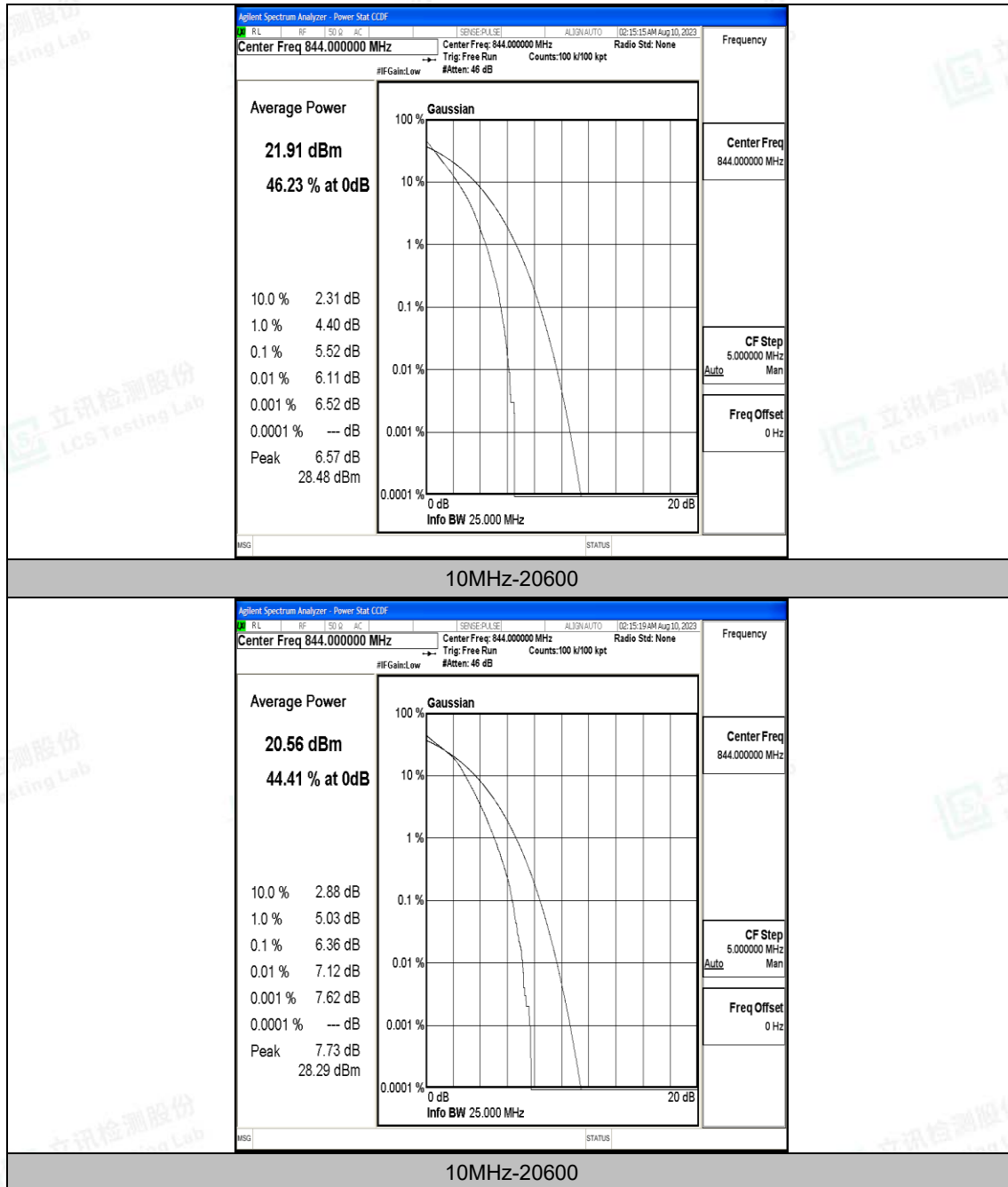


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H.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0919	1.245	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1049	1.249	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0910	1.244	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1024	1.242	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0922	1.239	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0876	1.237	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7045	3.030	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7055	3.025	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7053	3.017	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7069	3.028	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6965	3.017	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7041	3.040	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5163	4.987	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5057	4.971	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5038	4.958	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5300	5.000	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5055	4.985	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5203	4.996	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9829	9.899	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9937	9.922	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0091	9.894	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.0043	9.962	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9813	9.867	PASS
Band5	10MHz	16QAM	20600	50RB#0	9.0006	9.946	PASS



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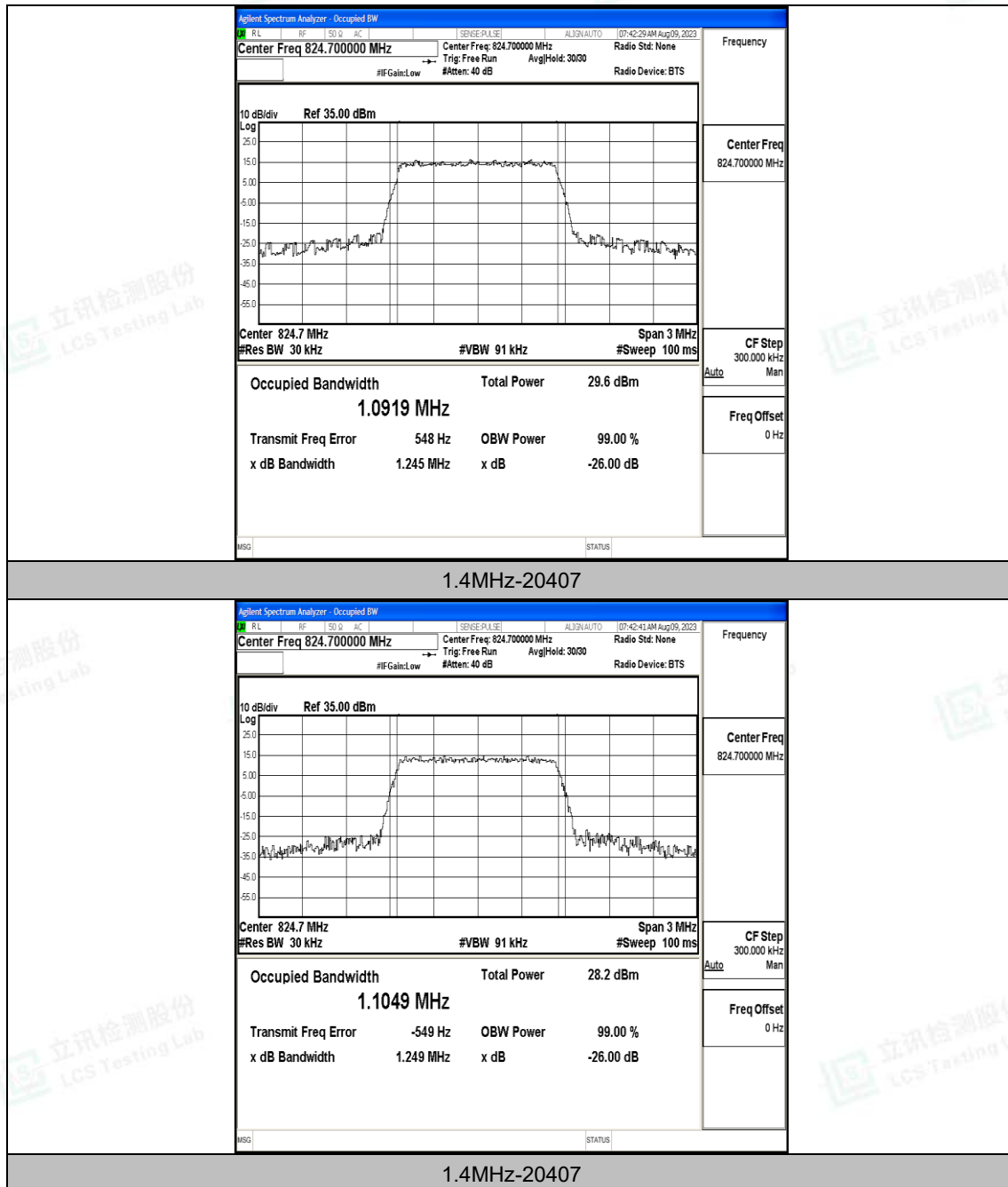
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Test Graphs

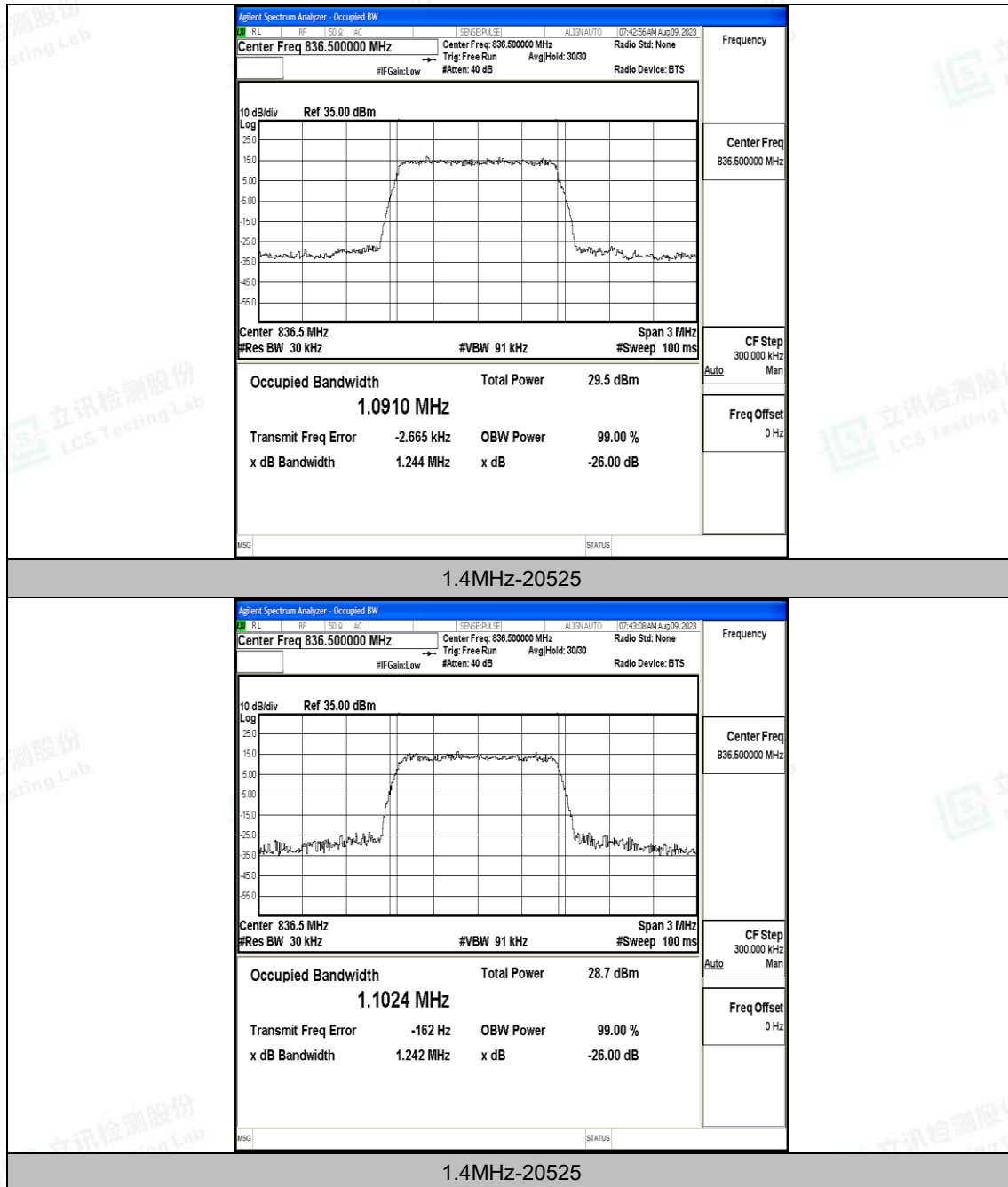


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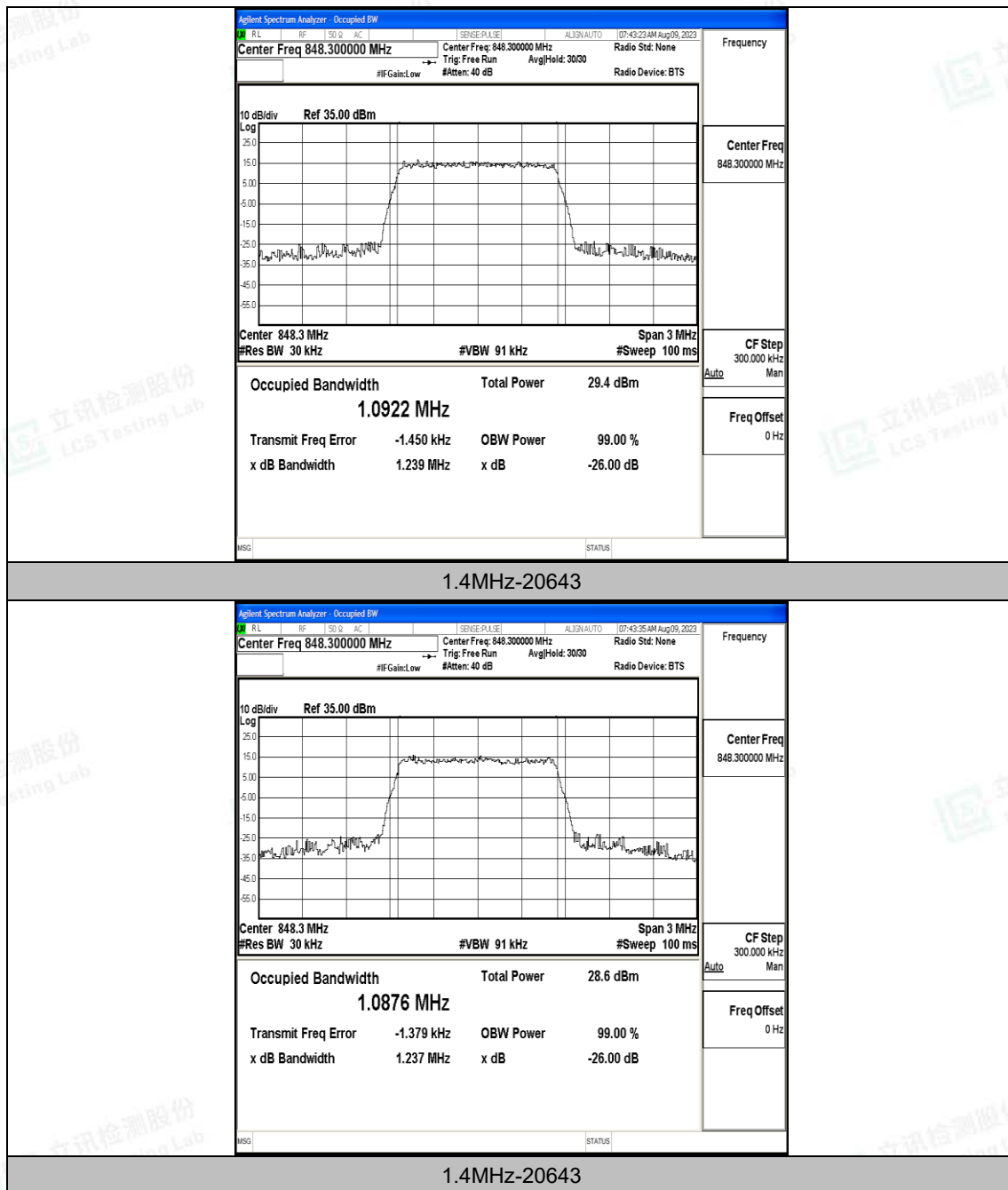


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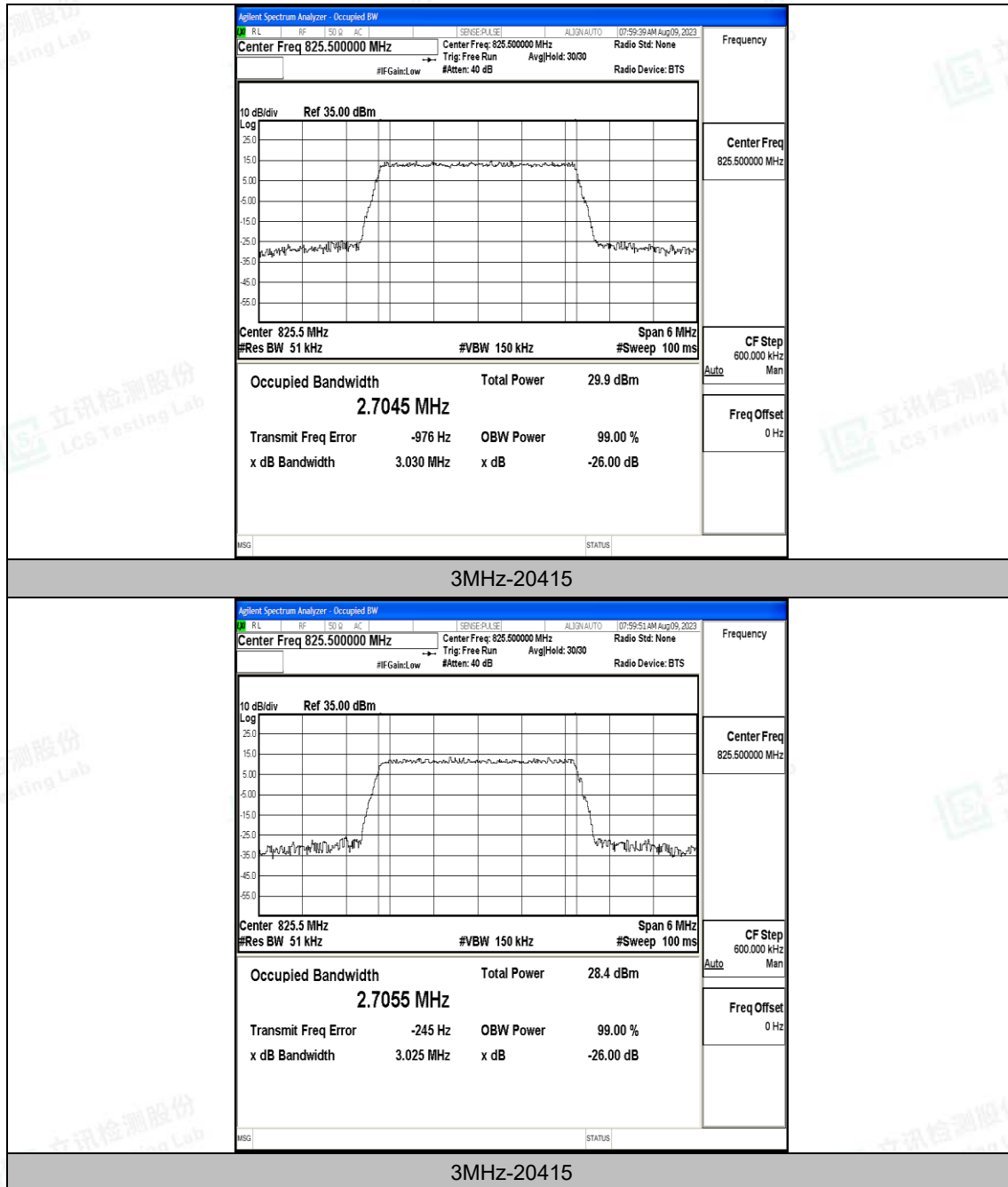


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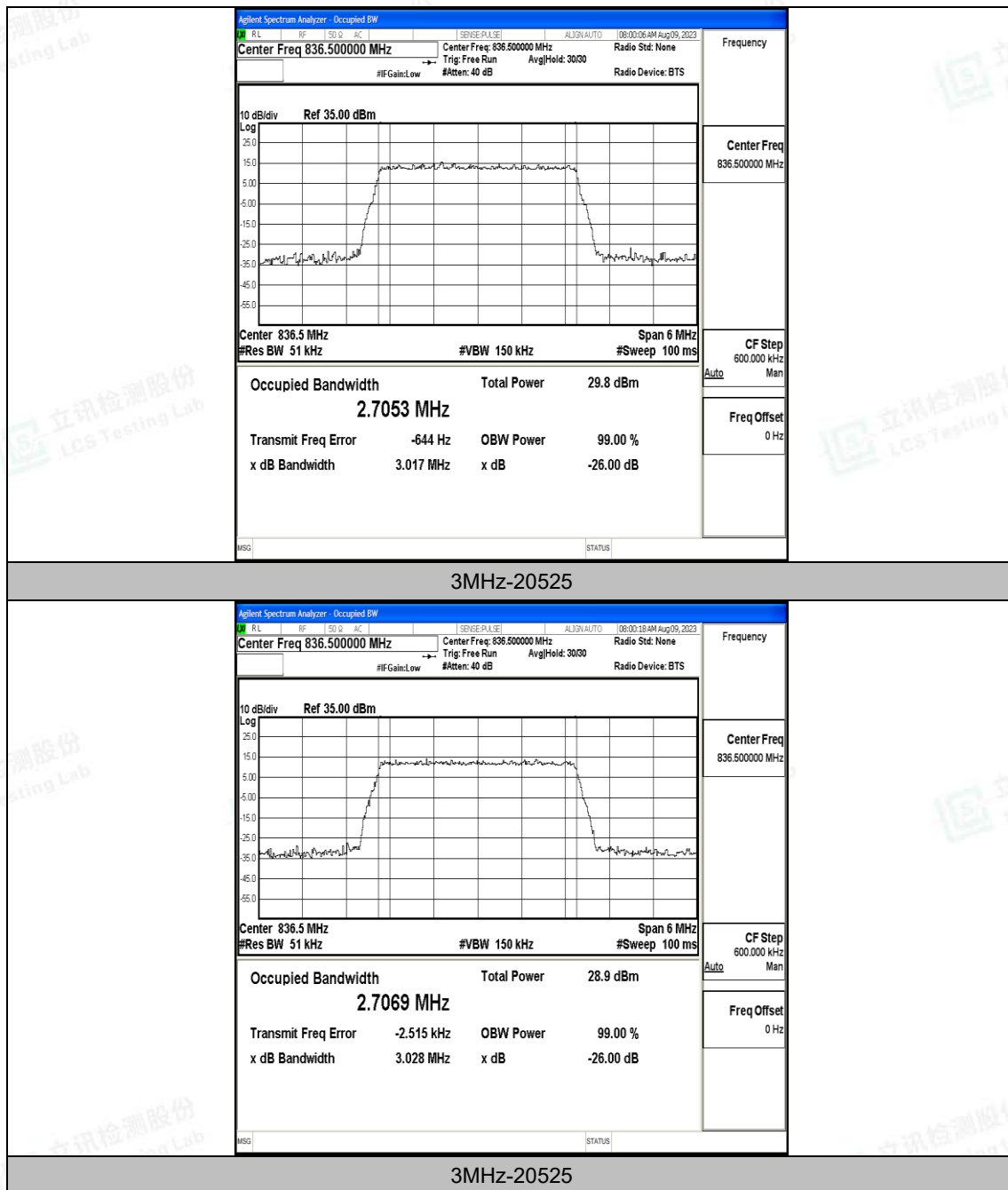


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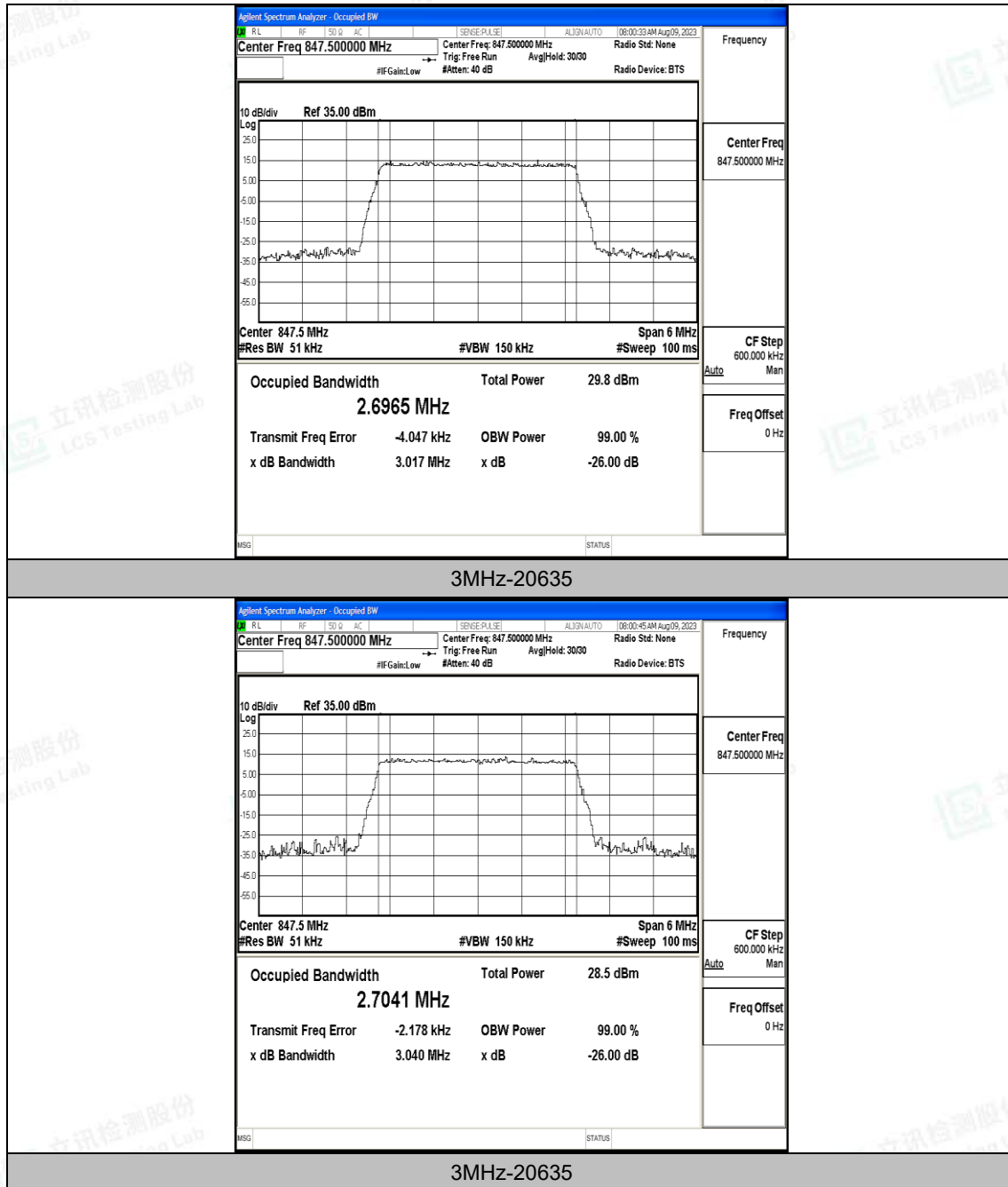


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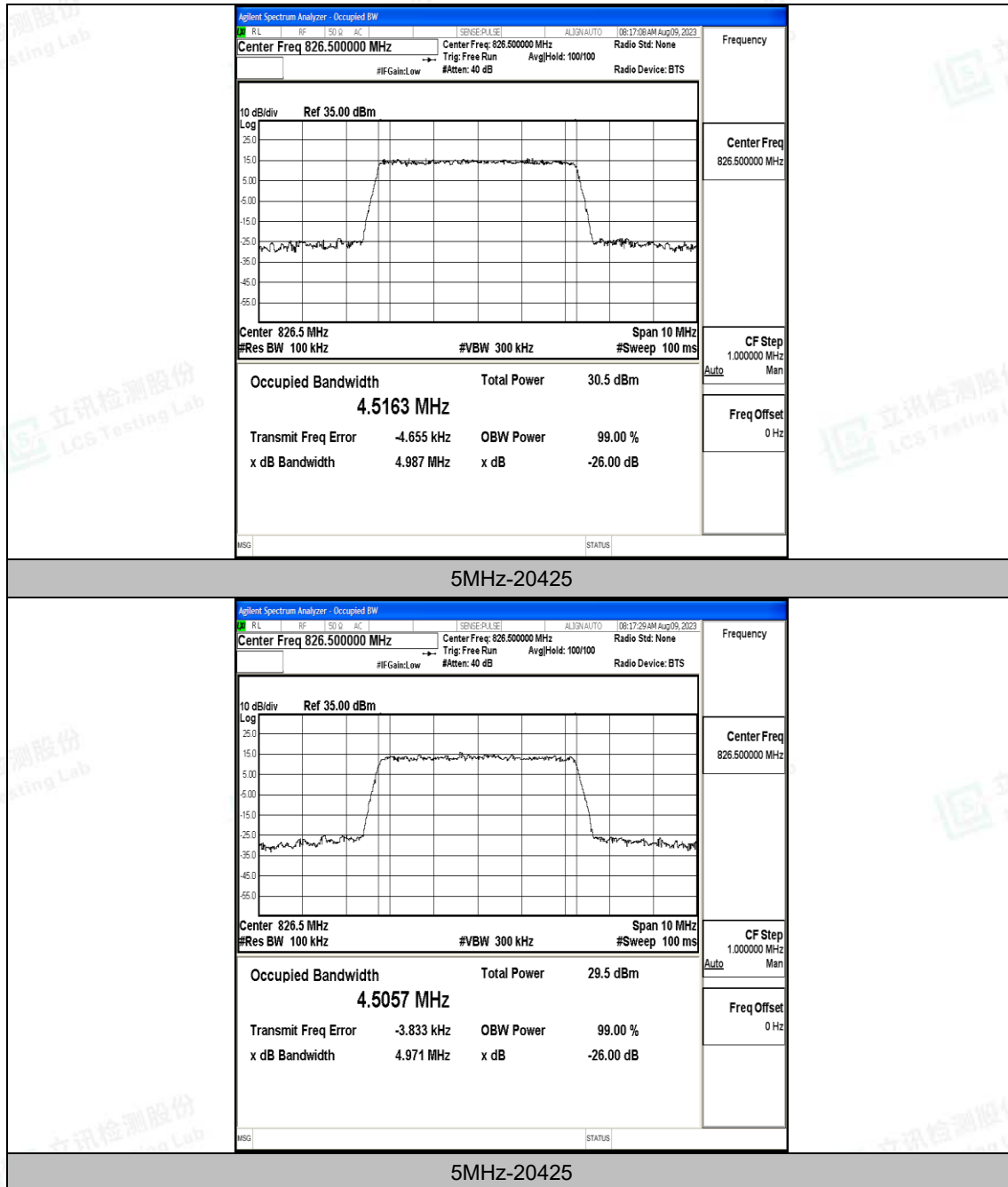


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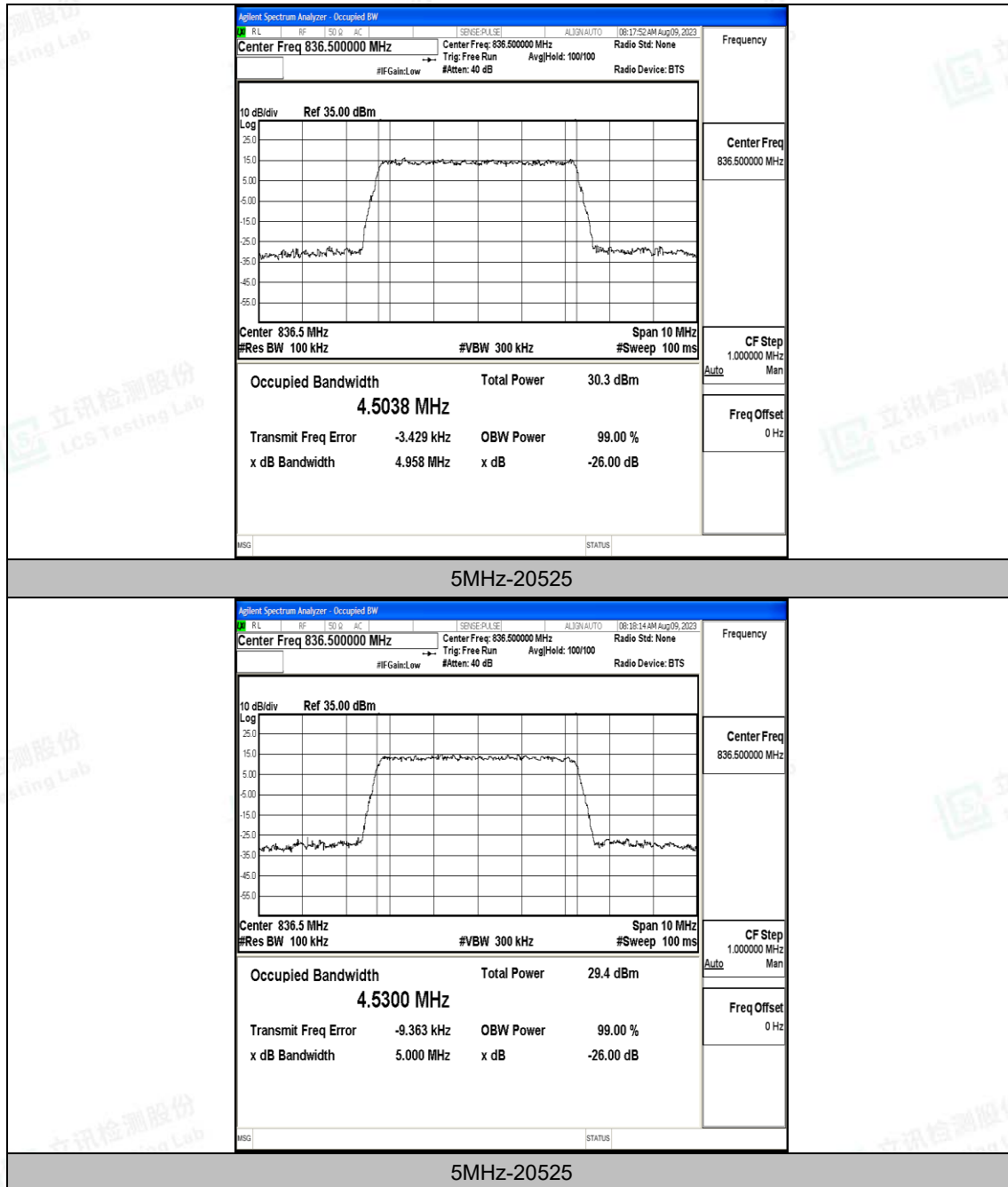


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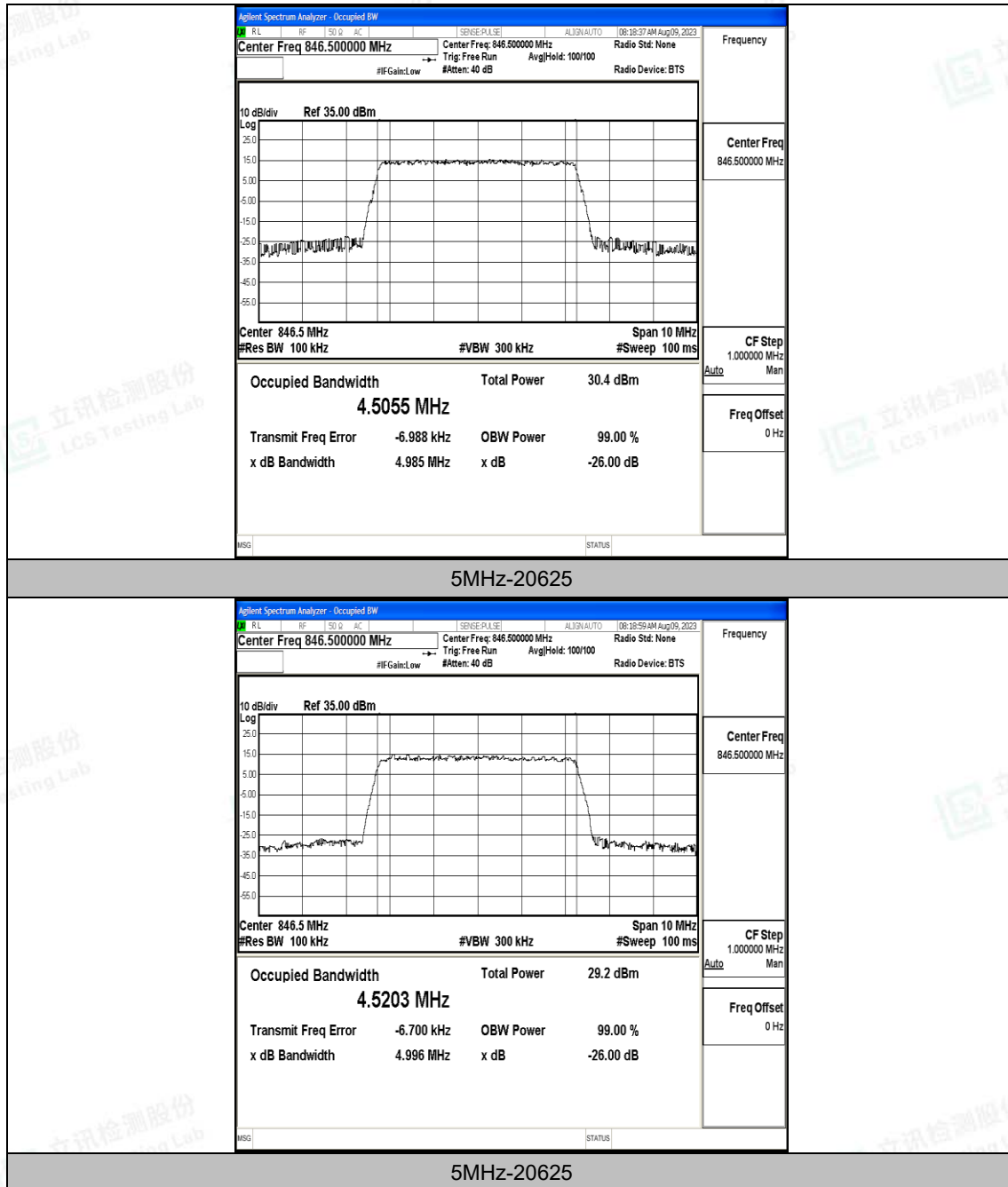


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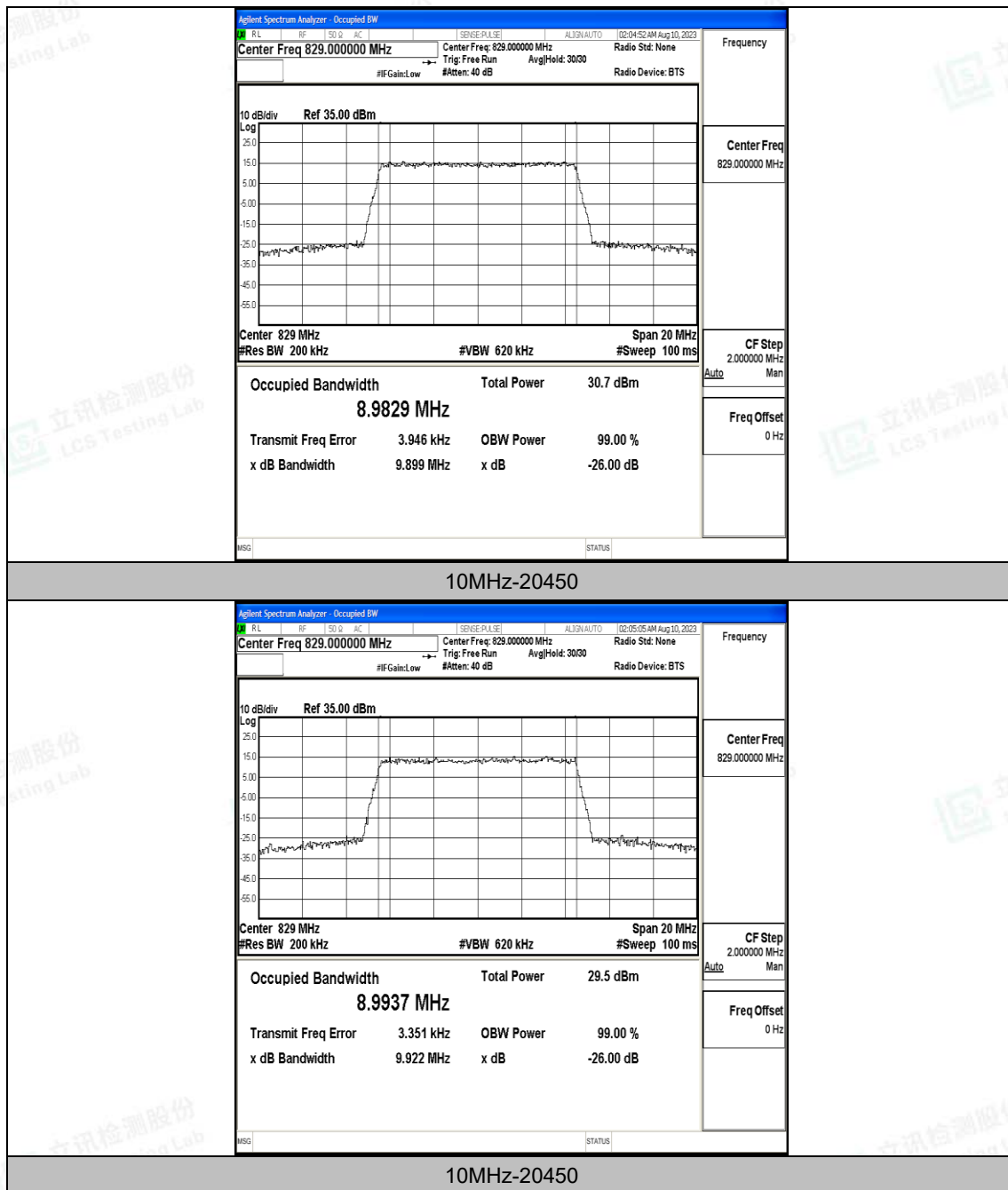


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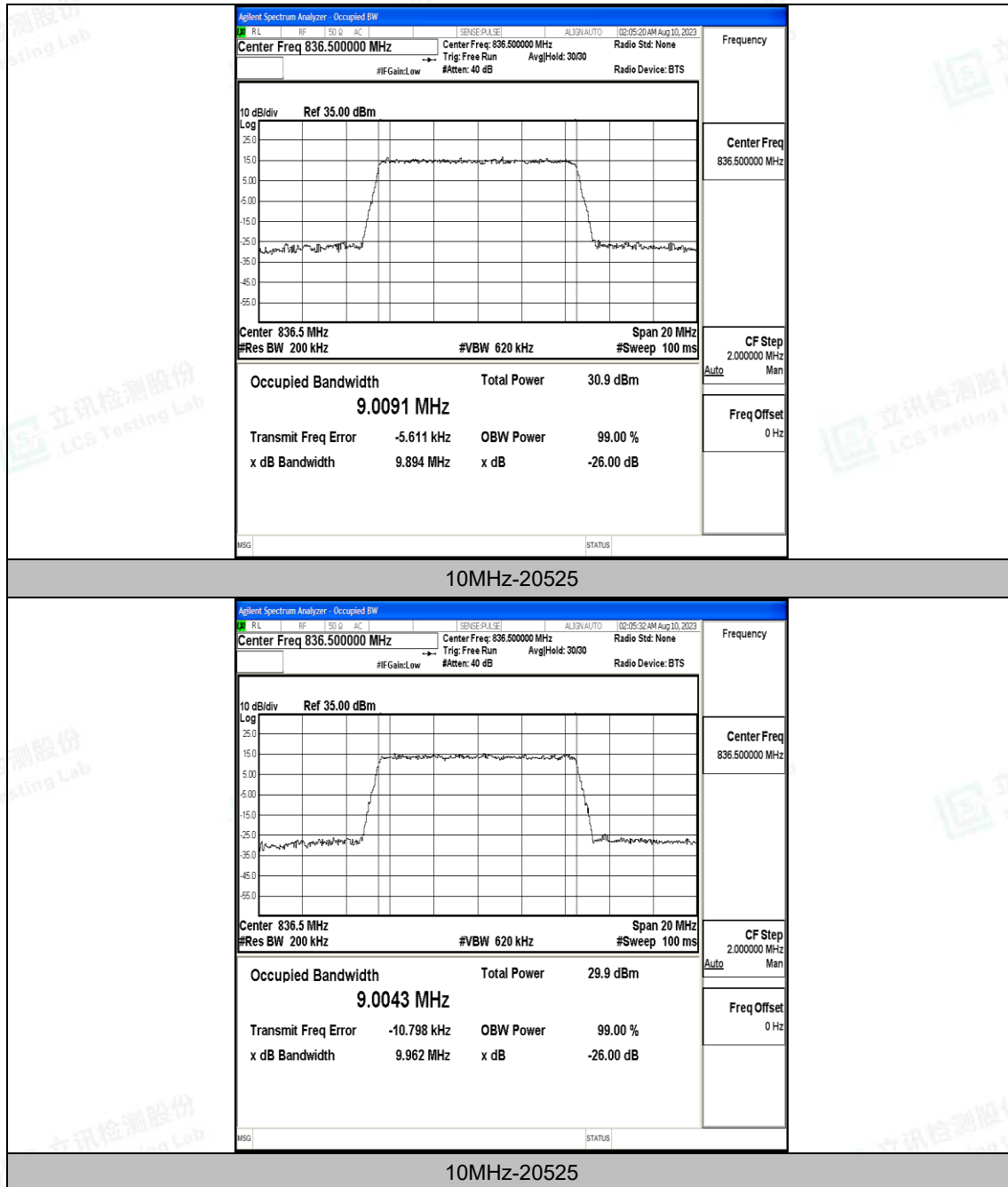


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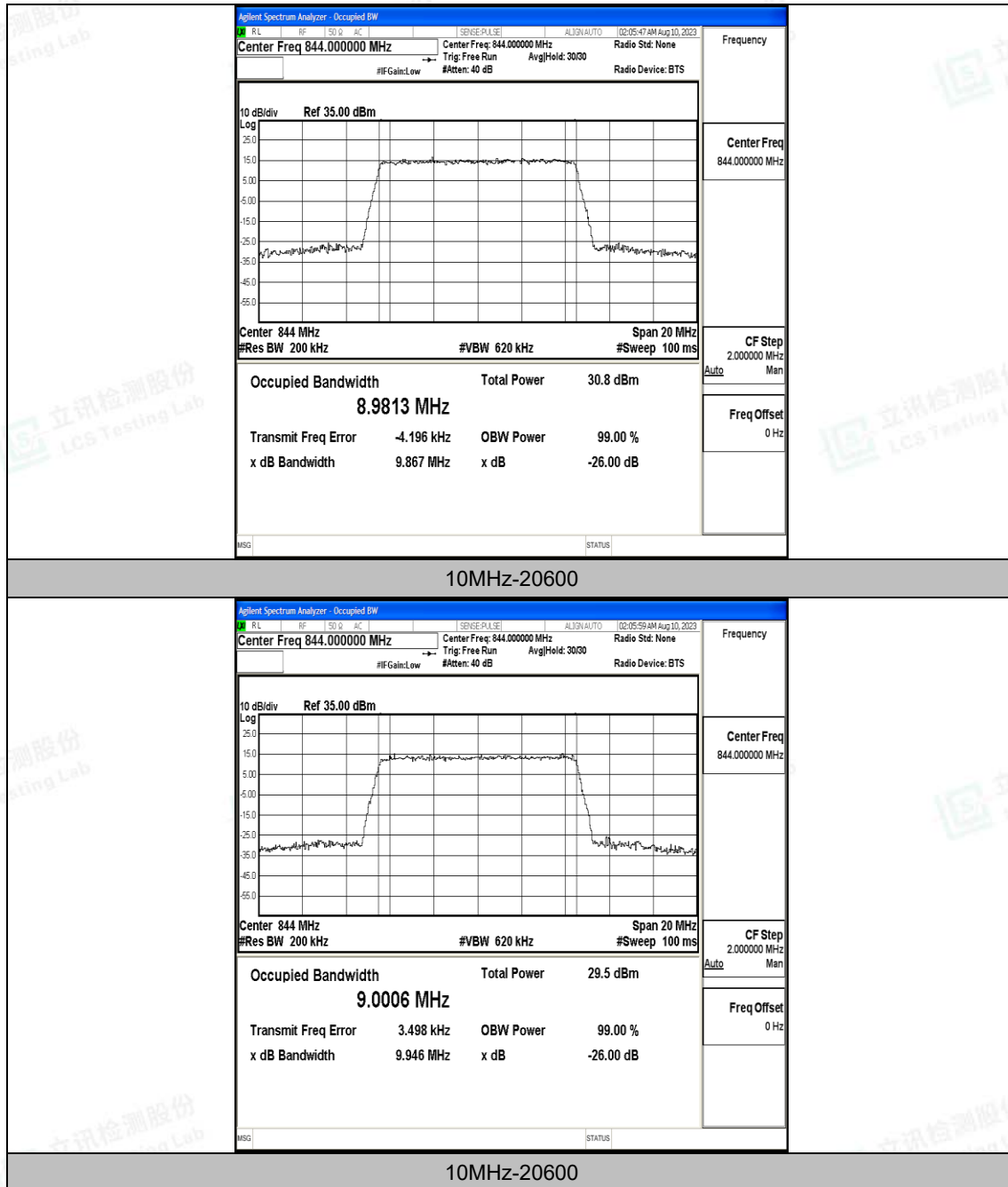


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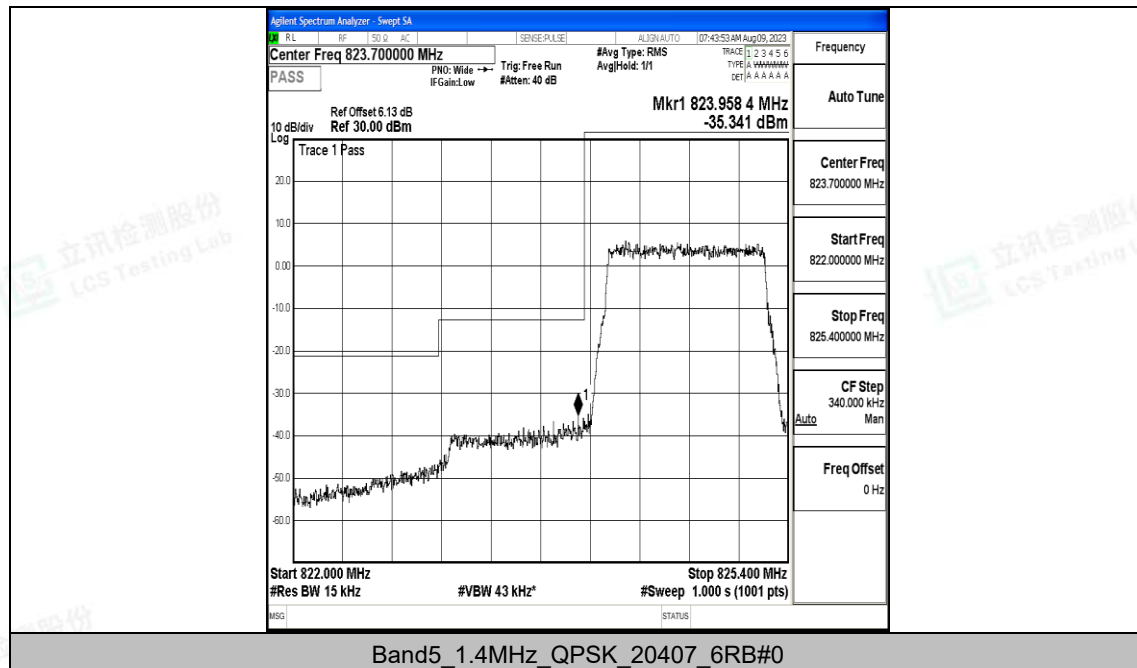


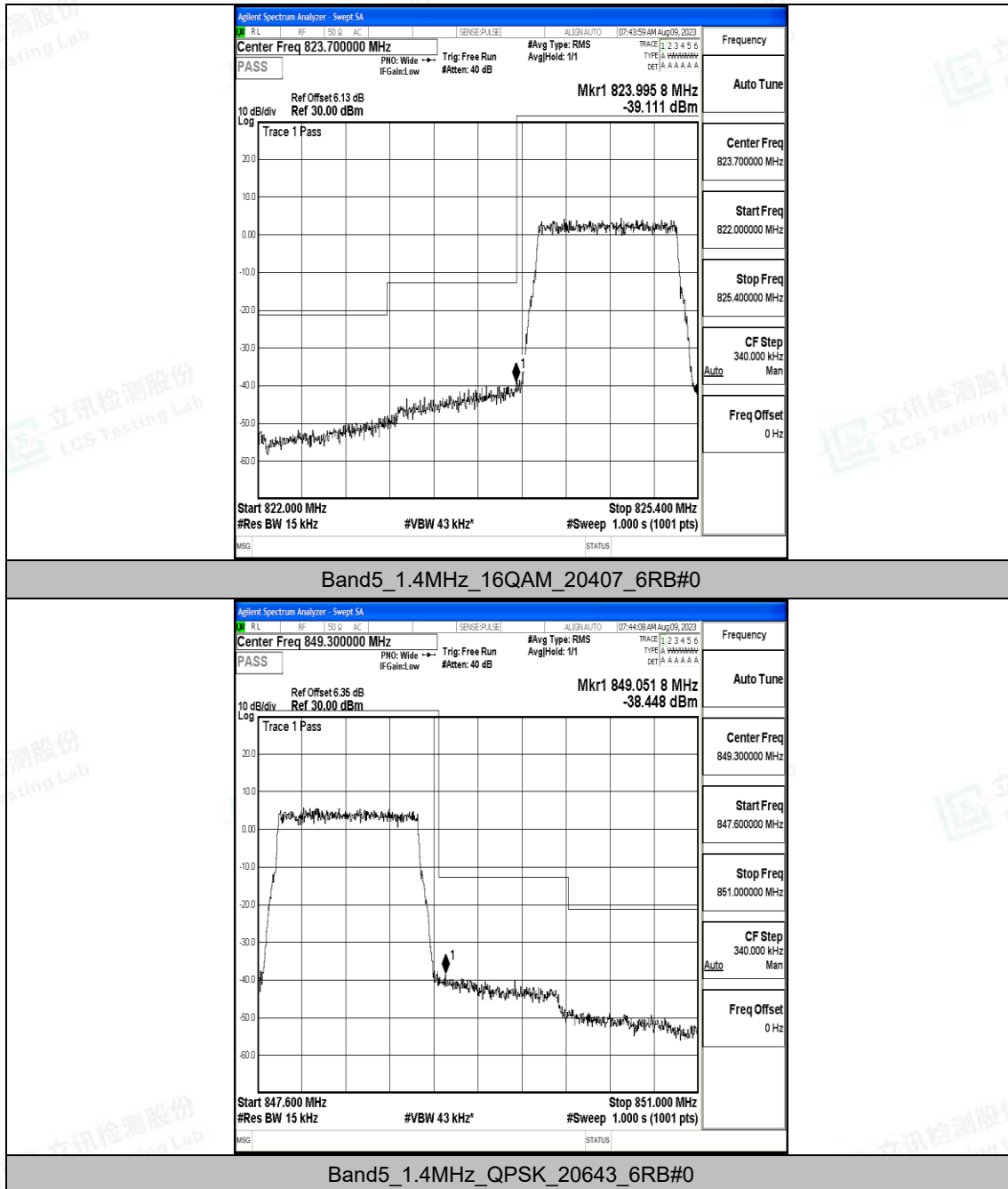
H.4 Band Edge

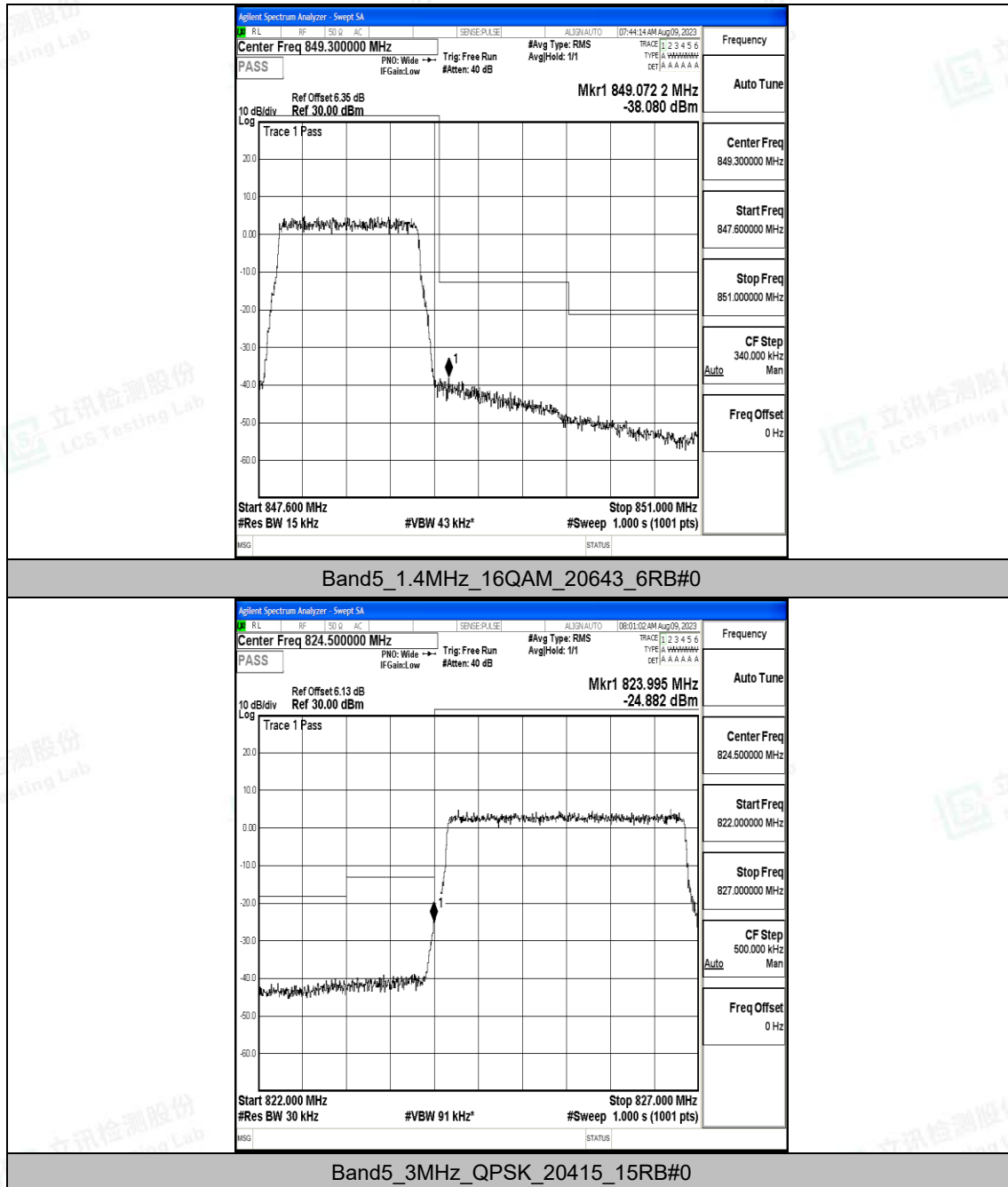
Test Result

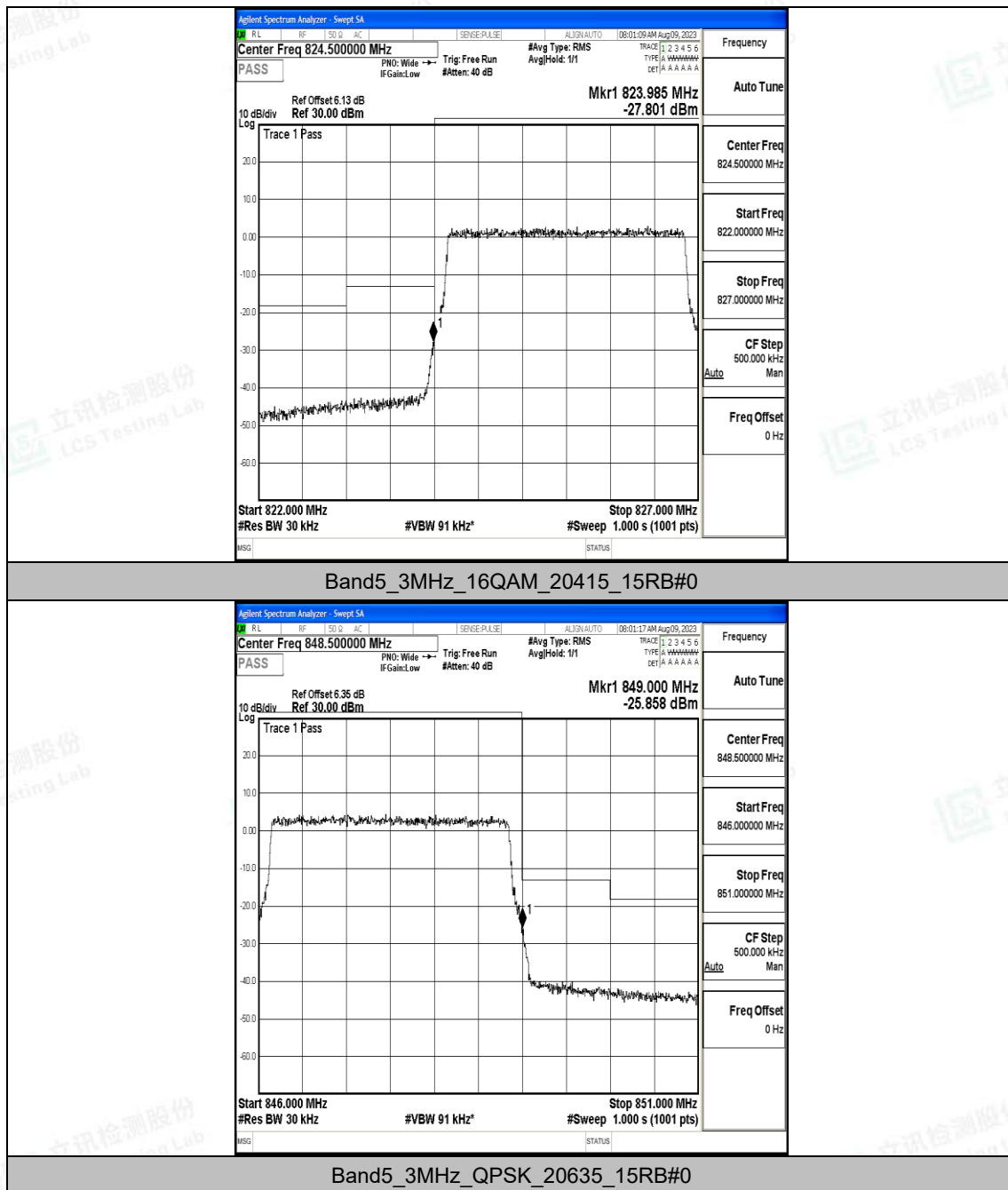
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	823.96	-35.34	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	824.00	-39.11	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	849.05	-38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	849.07	-38.08	PASS
Band5	3MHz	QPSK	20415	15RB#0	824.00	-24.88	PASS
Band5	3MHz	16QAM	20415	15RB#0	823.99	-27.80	PASS
Band5	3MHz	QPSK	20635	15RB#0	849.00	-25.86	PASS
Band5	3MHz	16QAM	20635	15RB#0	849.01	-25.39	PASS
Band5	5MHz	QPSK	20425	25RB#0	823.99	-31.84	PASS
Band5	5MHz	16QAM	20425	25RB#0	824.00	-34.52	PASS
Band5	5MHz	QPSK	20625	25RB#0	849.01	-32.91	PASS
Band5	5MHz	16QAM	20625	25RB#0	849.01	-34.69	PASS
Band5	10MHz	QPSK	20450	50RB#0	823.98	-34.57	PASS
Band5	10MHz	16QAM	20450	50RB#0	823.99	-36.47	PASS
Band5	10MHz	QPSK	20600	50RB#0	849.01	-34.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	849.03	-35.93	PASS

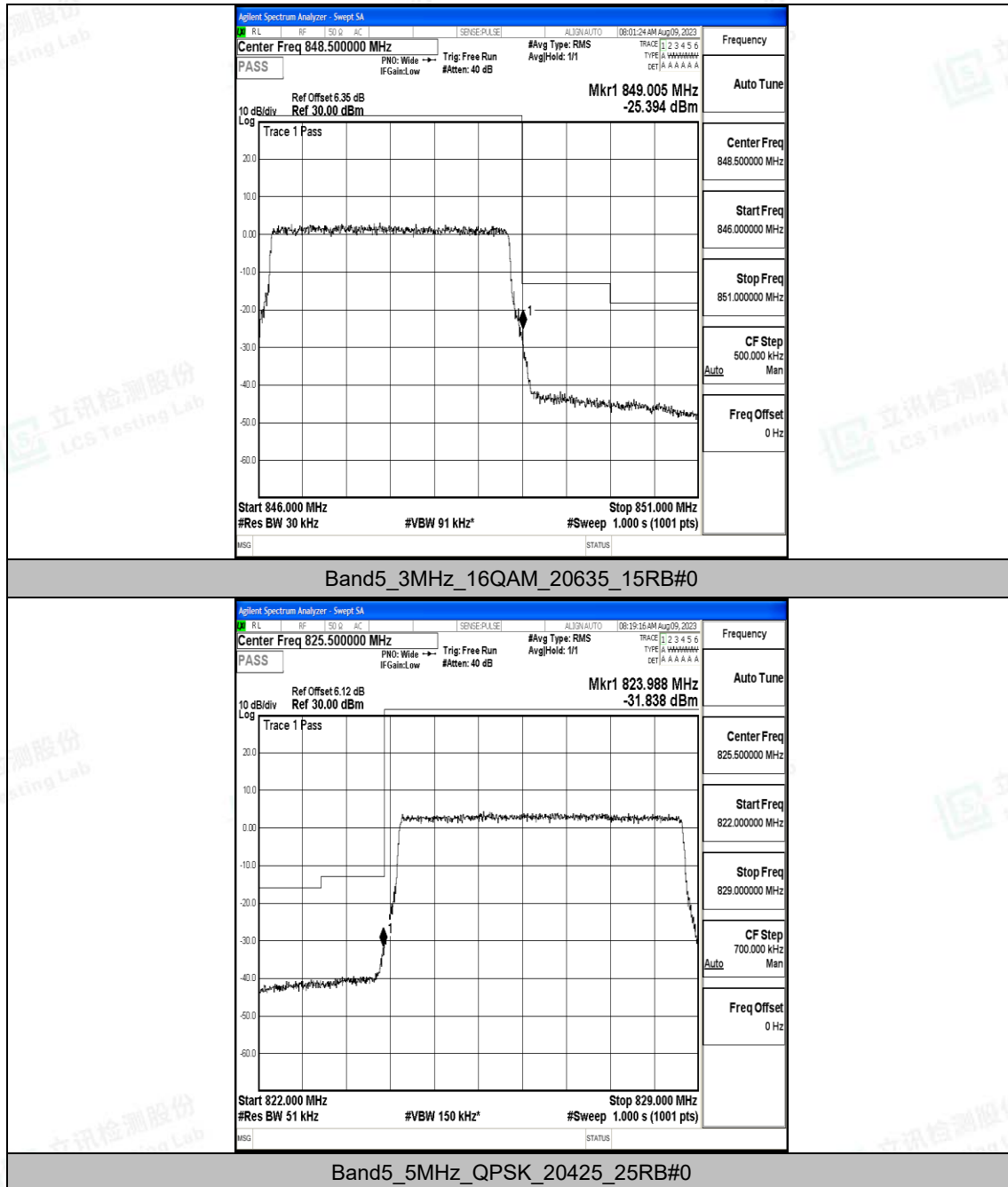
Test Graphs

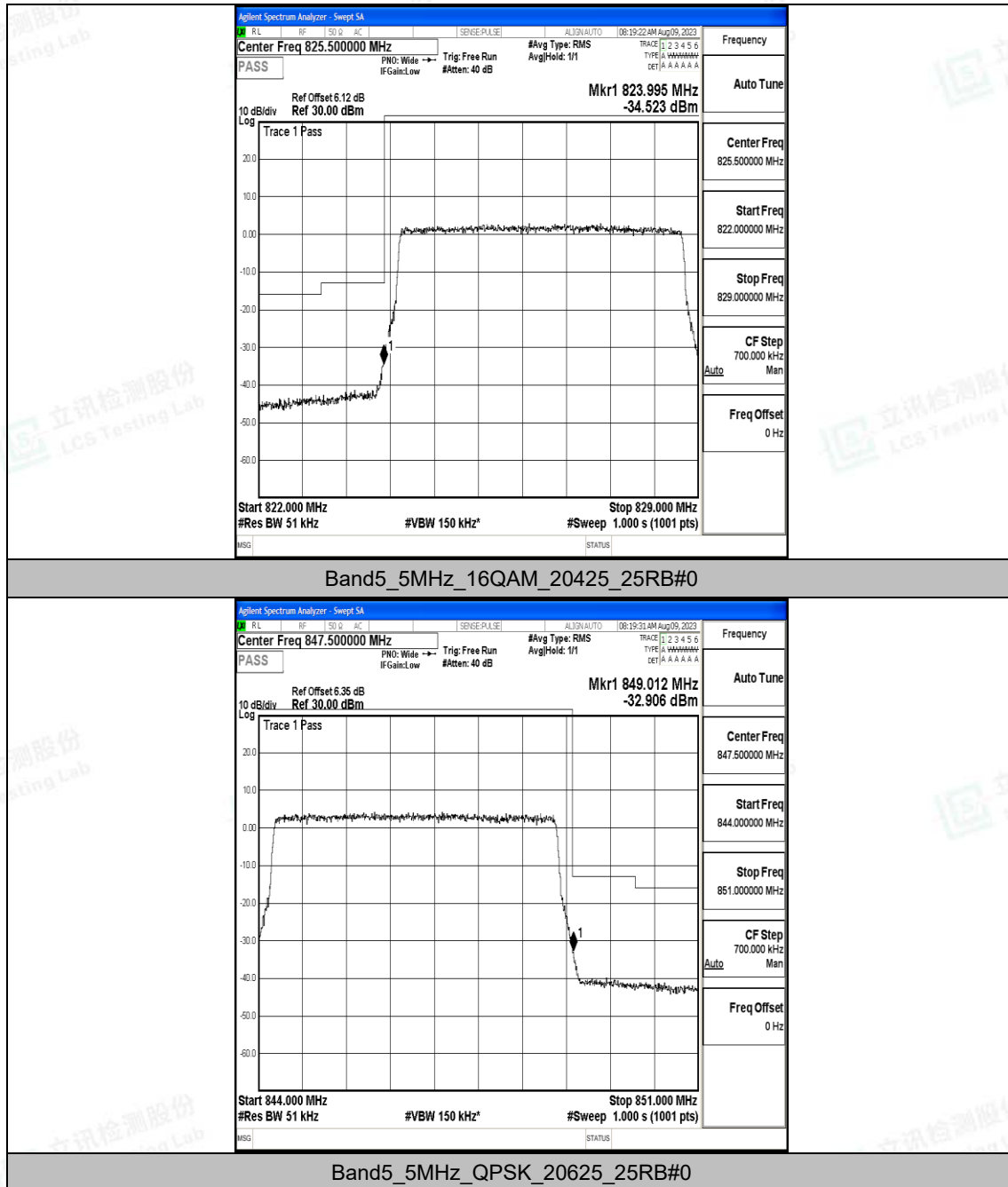










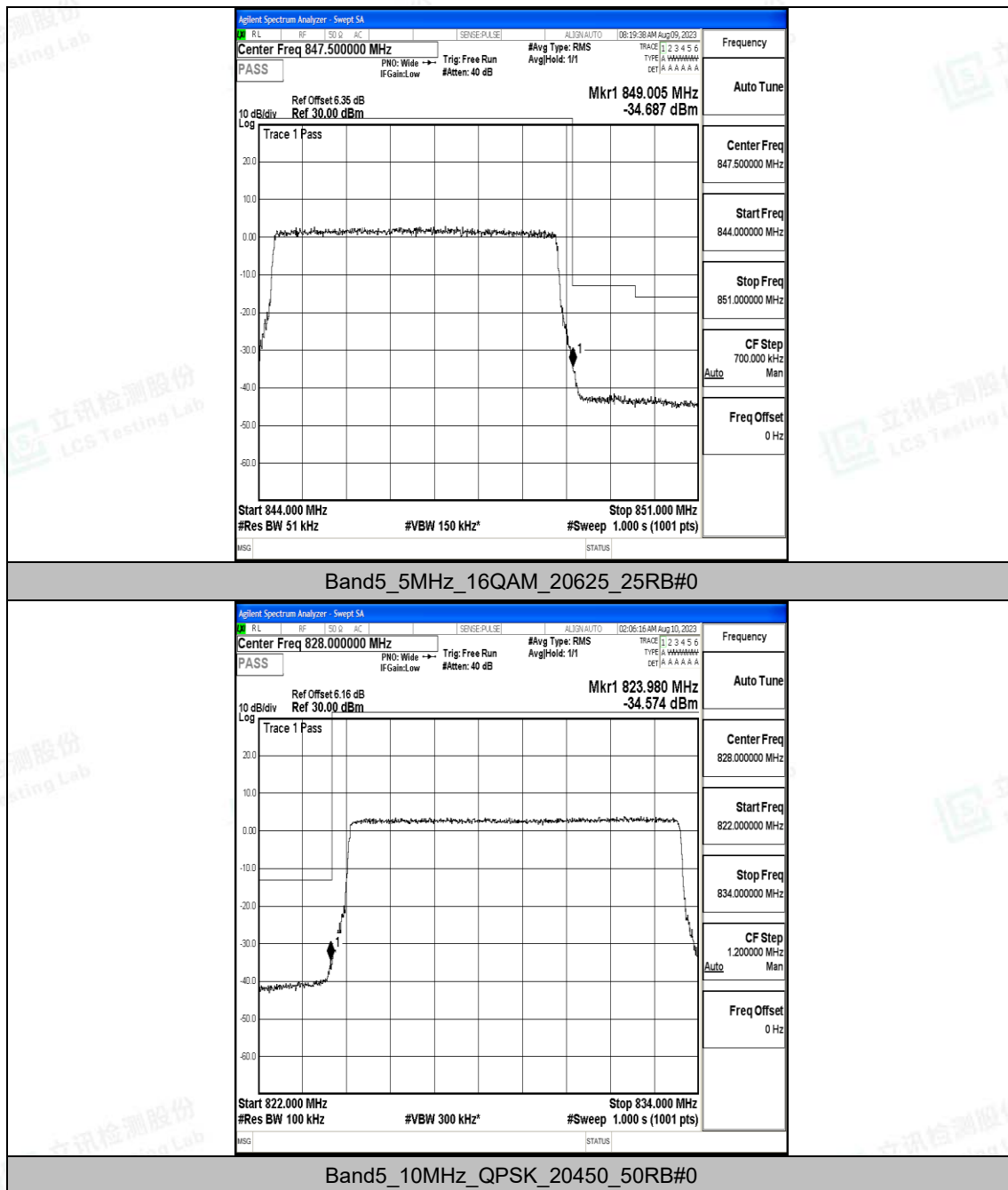


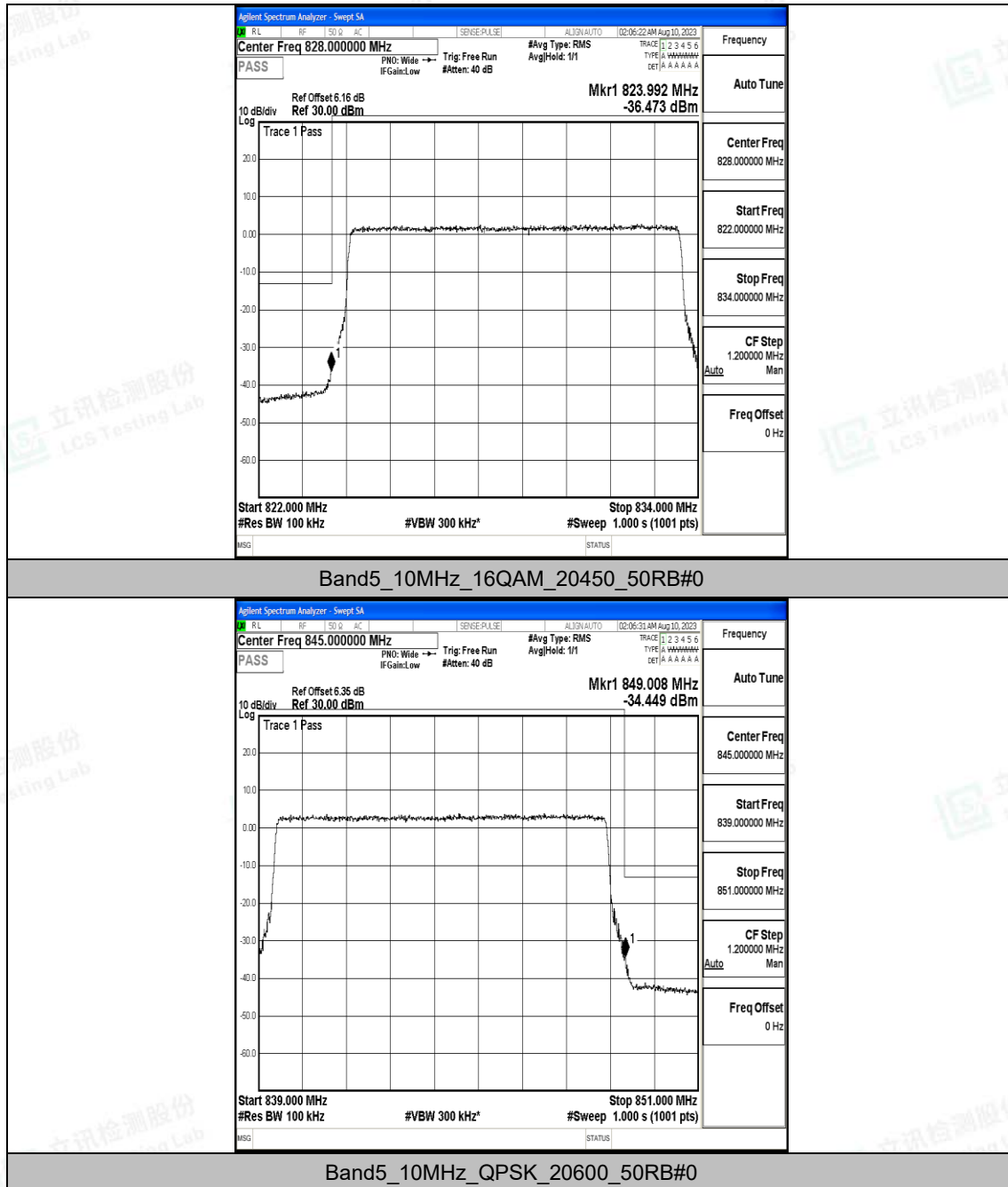
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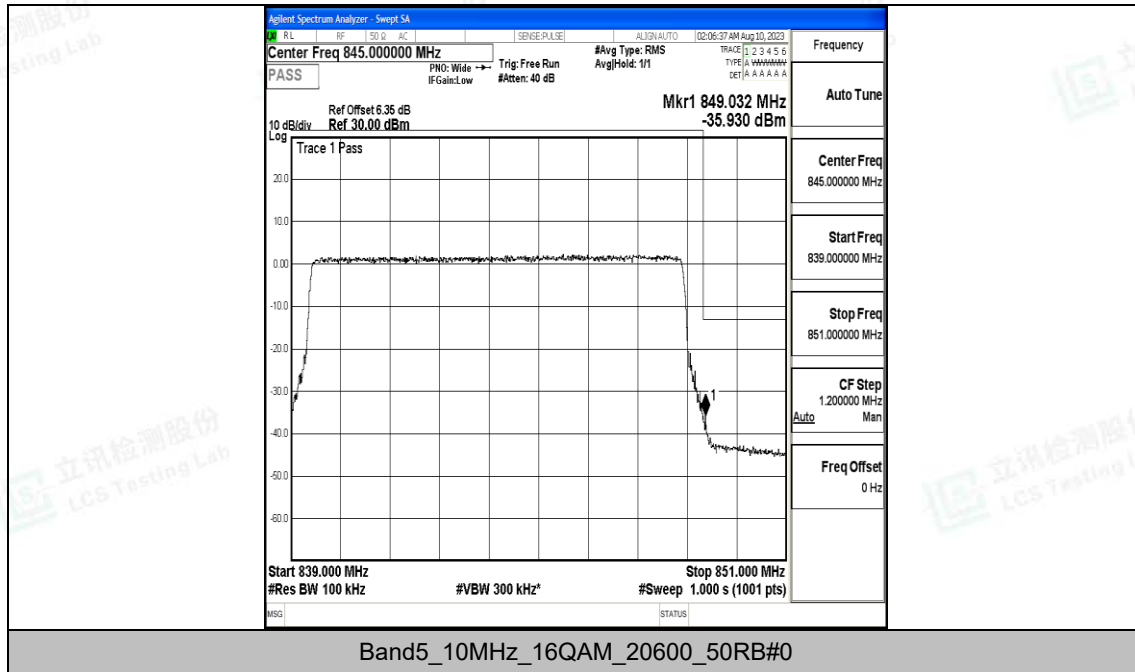
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H.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	0.009~0.15	-53.77	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-53.68	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-58.95	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-40.87	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-43.98	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-52.81	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-53.61	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-59.19	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-41.36	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-43.05	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-54.28	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-56.64	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-58.95	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-43.99	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-44.50	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-54.63	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-52.58	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-50.15	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-44.27	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-44.26	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-58.40	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-53.85	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-59.74	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-43.61	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-44.27	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-59.15	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-51.15	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-59.63	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-44.71	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-44.25	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-53.68	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-53.28	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-60.52	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-40.94	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-43.75	PASS



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Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-54.83	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-51.46	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-61.09	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-43.06	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-44.17	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-54.69	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-54.71	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-60.17	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-42.74	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-43.83	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-56.21	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-53.14	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-61.16	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-43.85	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-44.17	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-57.43	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-53.22	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-59.77	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-41.60	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-44.35	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-60.75	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-53.03	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-61.08	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-41.88	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-44.41	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-54.30	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-52.48	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-62.33	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-41.63	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-43.18	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-56.20	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-54.30	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-62.19	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-42.37	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-43.75	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-54.86	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-52.11	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-61.40	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-42.48	PASS
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-43.98	PASS



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Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-57.52	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-54.51	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-62.24	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-45.53	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-44.39	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-56.51	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-54.64	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-62.20	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-41.79	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-44.38	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-59.42	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-52.42	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-62.06	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-43.06	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-44.17	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-51.80	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-52.90	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-62.61	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-41.41	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-43.44	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-54.21	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-52.56	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-62.97	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-41.73	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-43.92	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-51.66	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-52.89	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-63.06	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-41.84	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-44.32	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-55.40	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-55.07	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-62.72	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-42.79	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-44.27	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-54.11	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-52.99	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-62.94	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-42.43	PASS
Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-44.38	PASS



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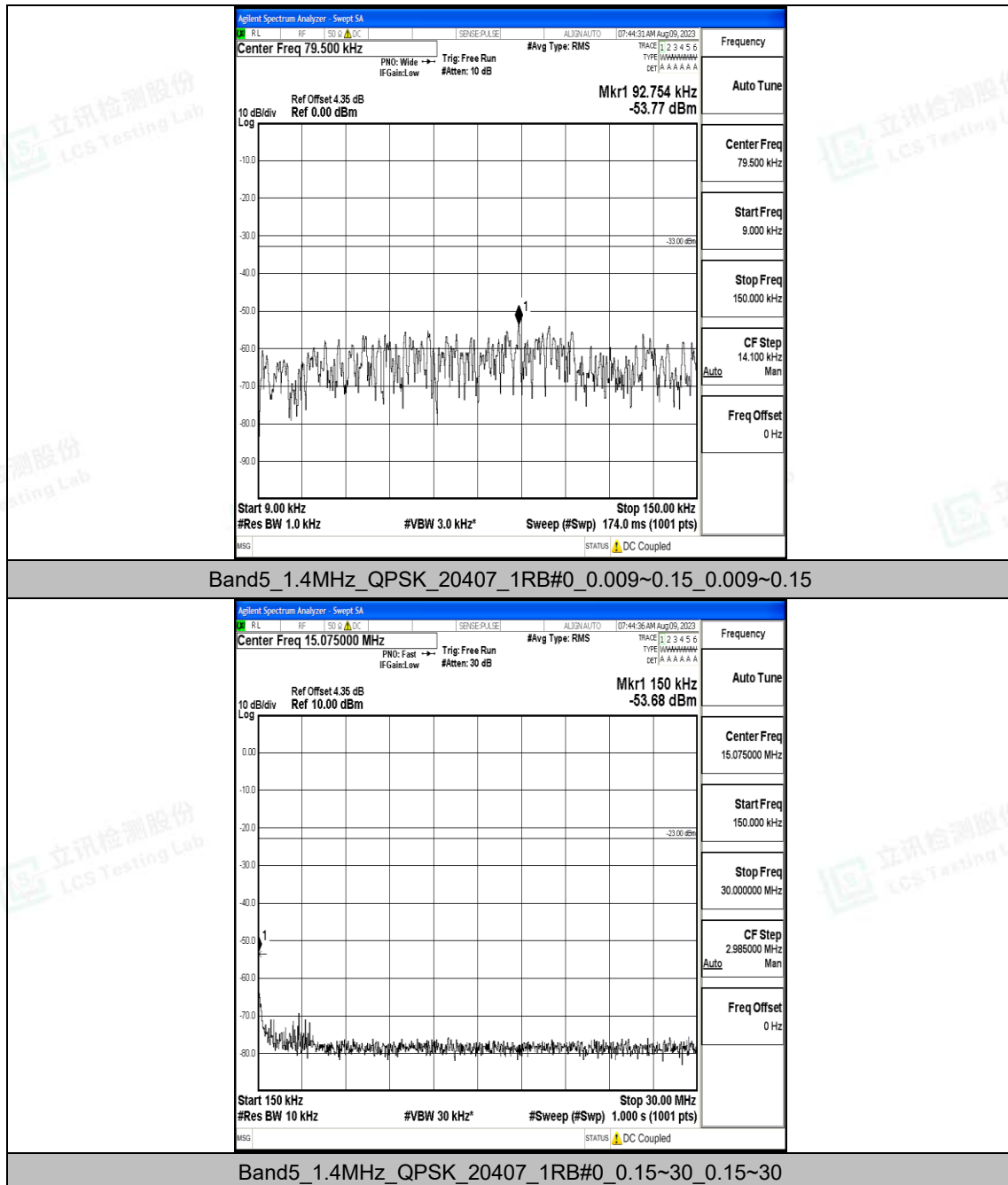
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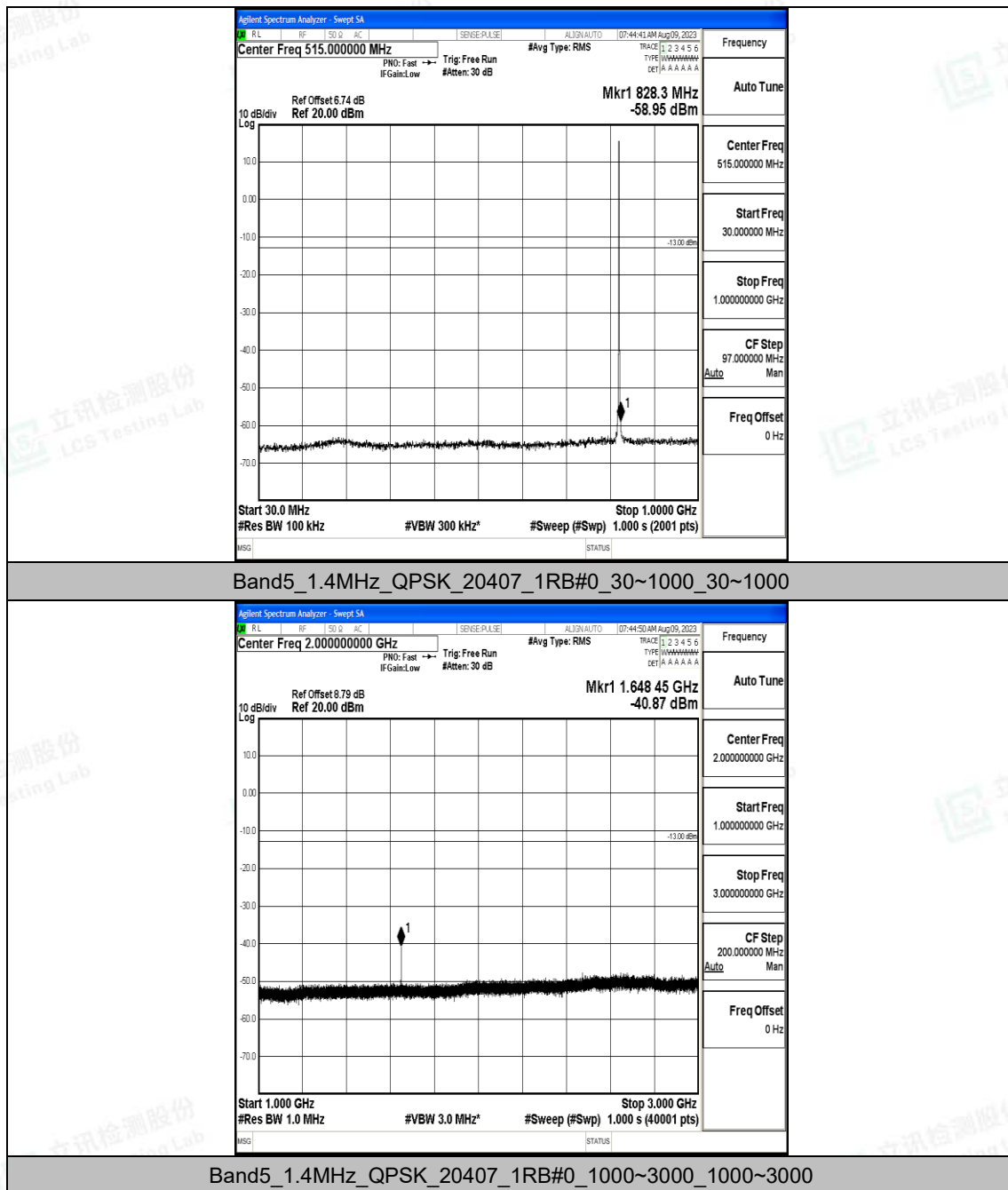
Scan code to check authenticity

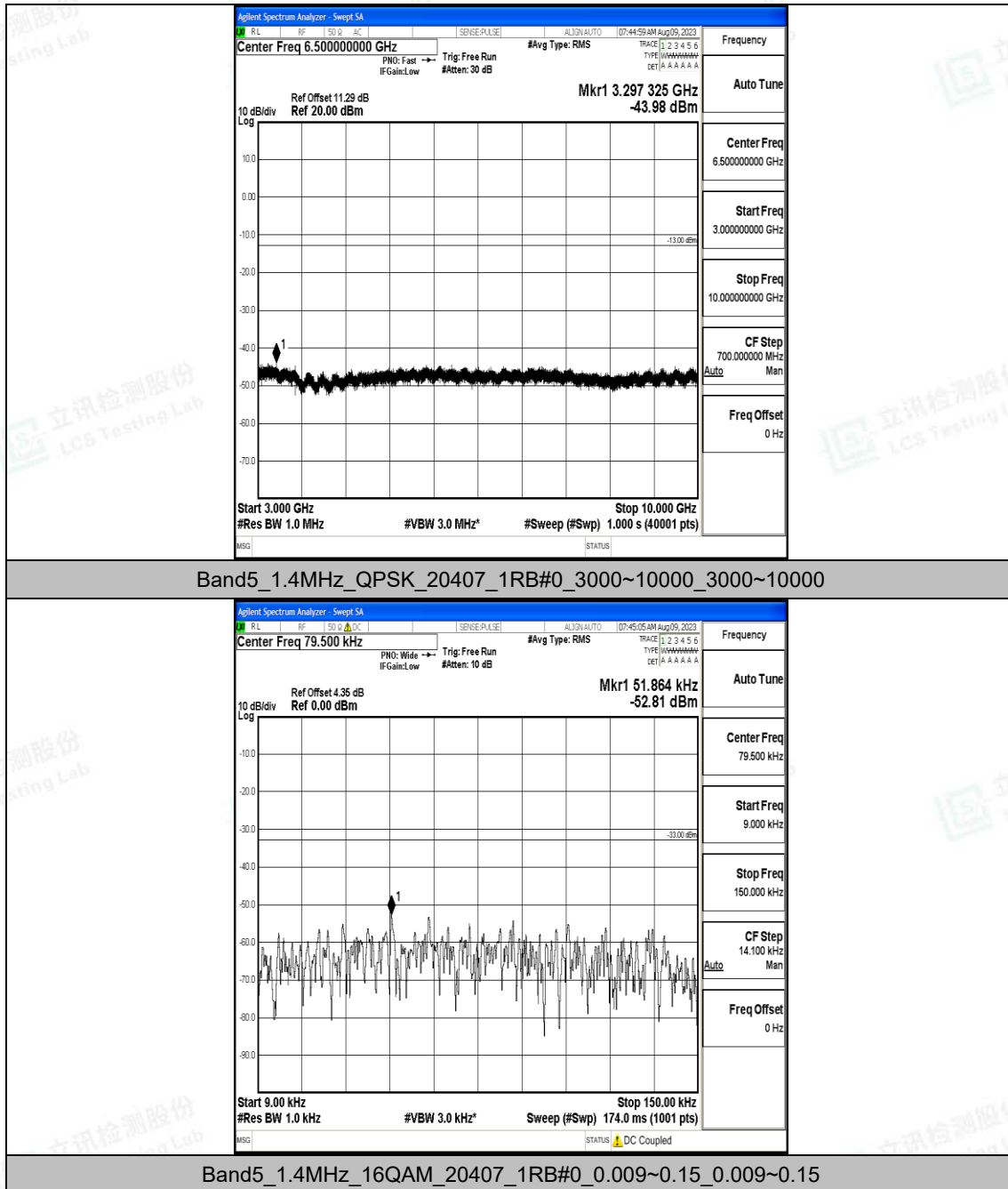


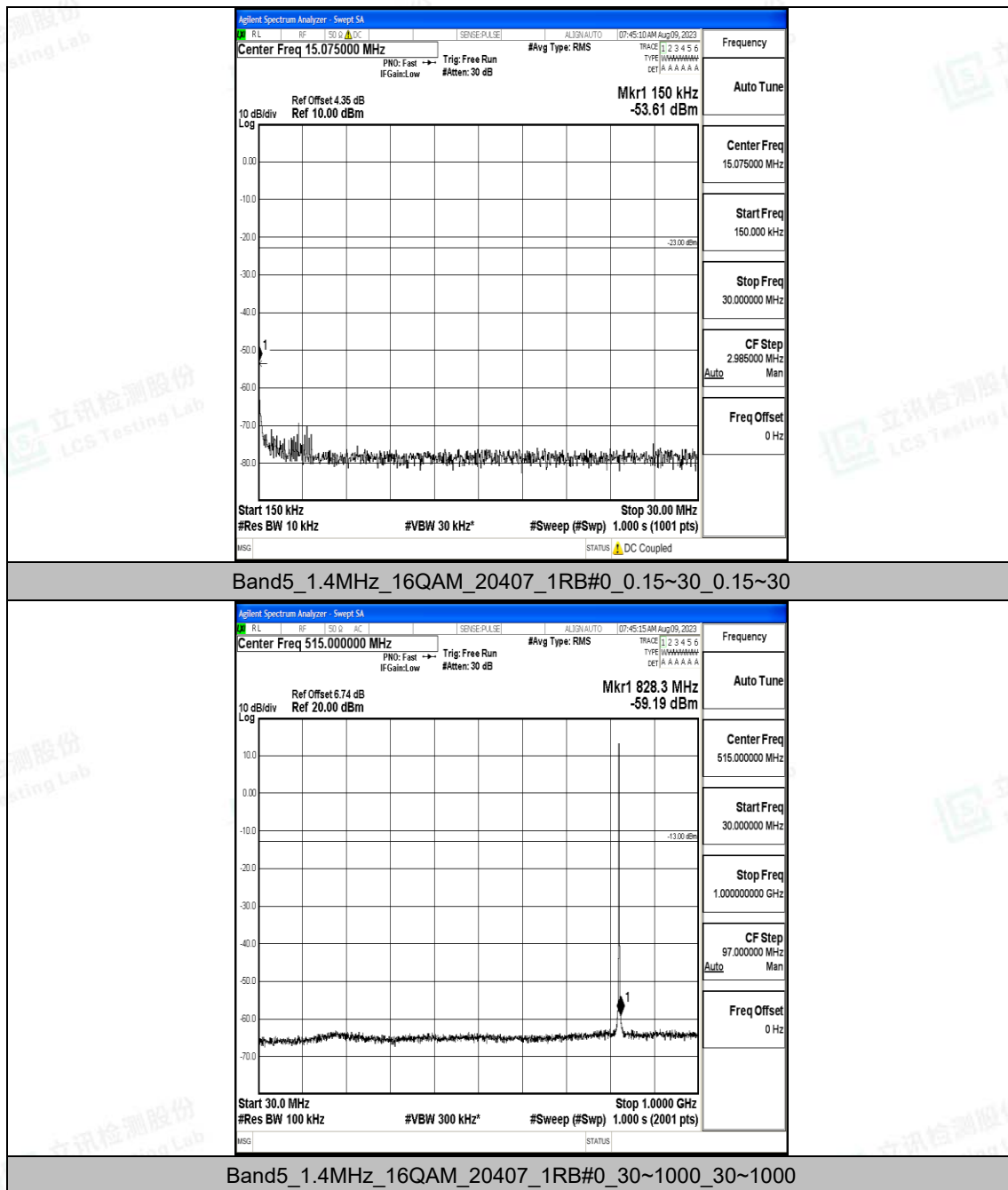
Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-59.54	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-53.57	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-63.11	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-45.51	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-44.01	PASS

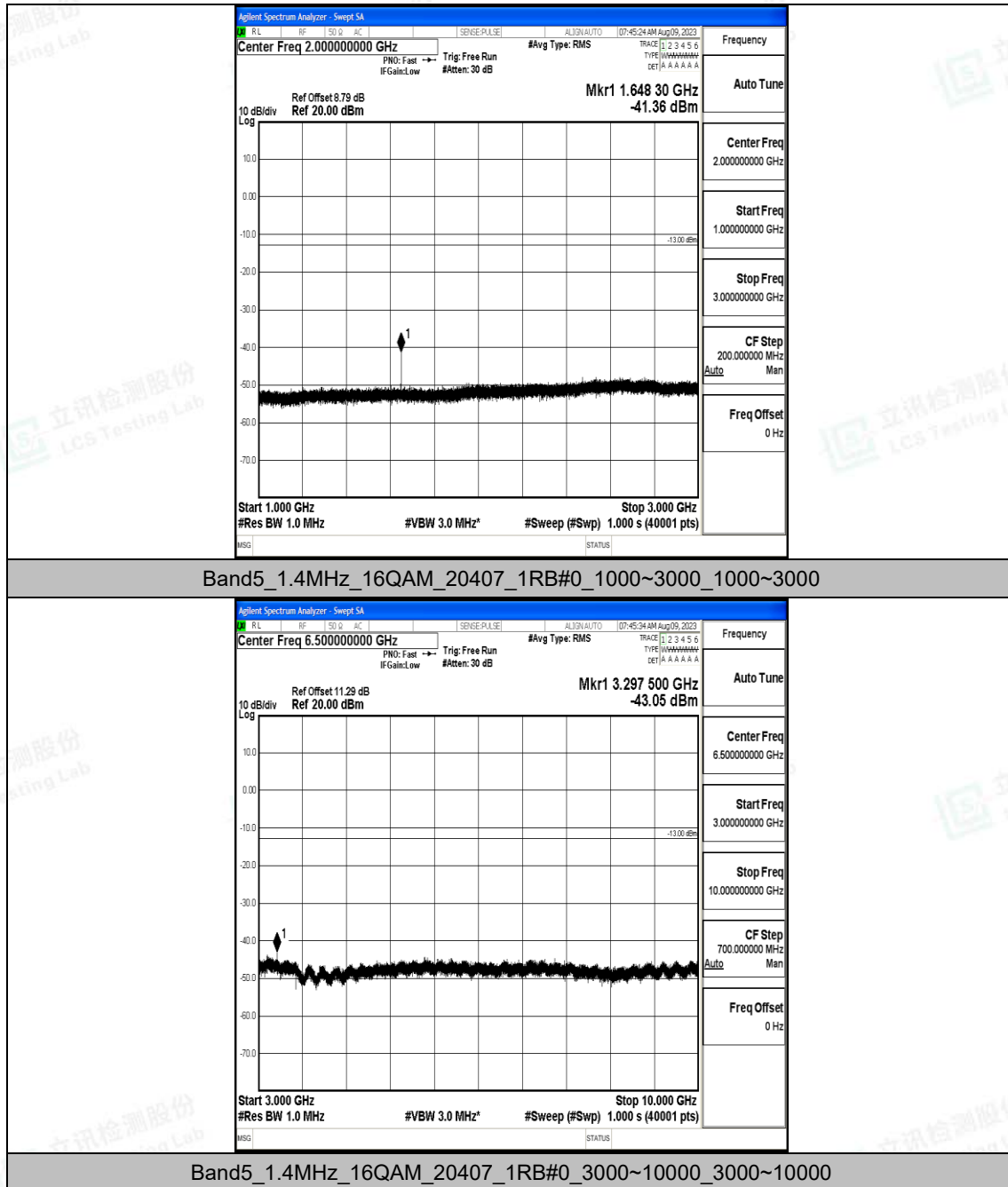
Test Graphs

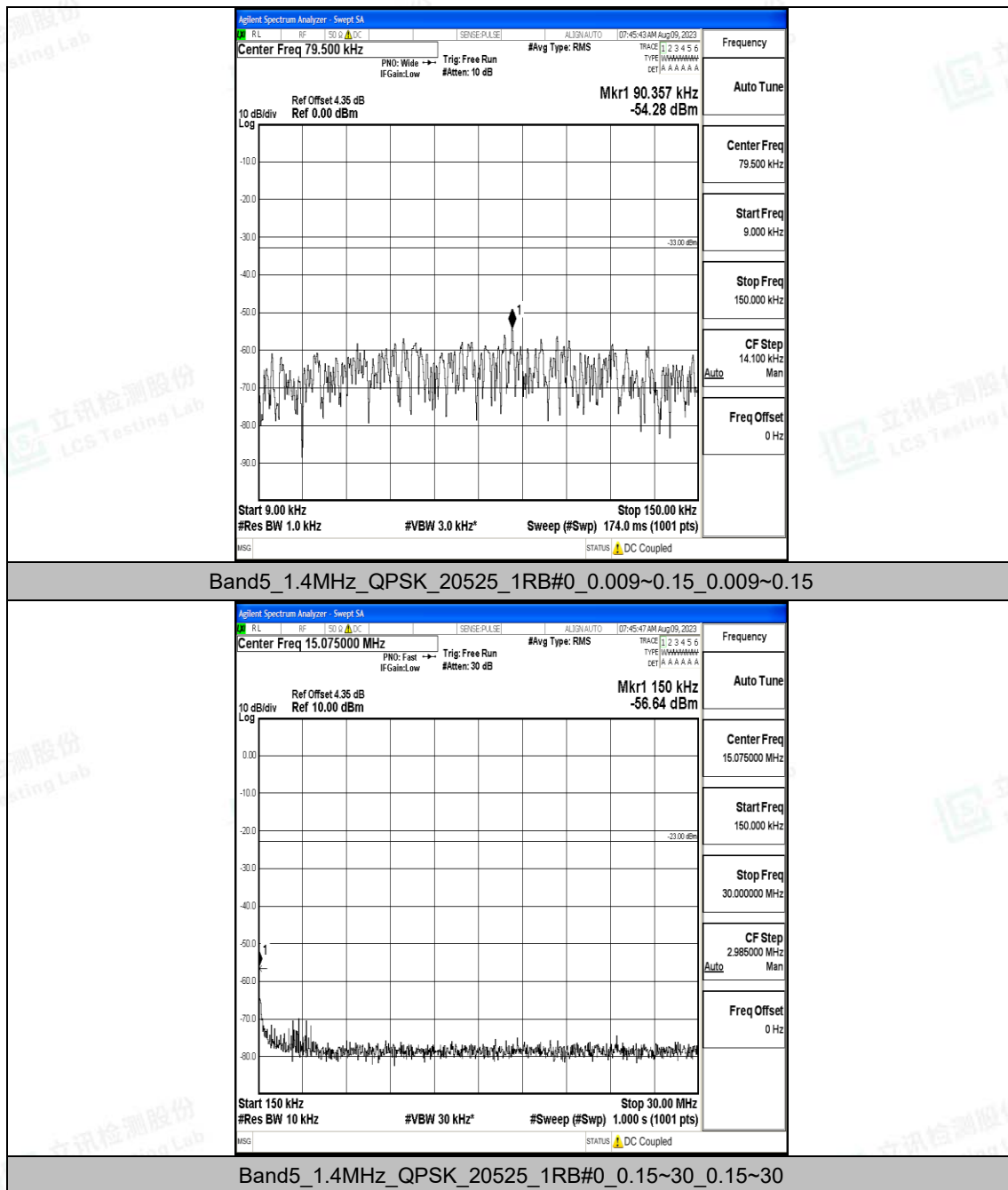


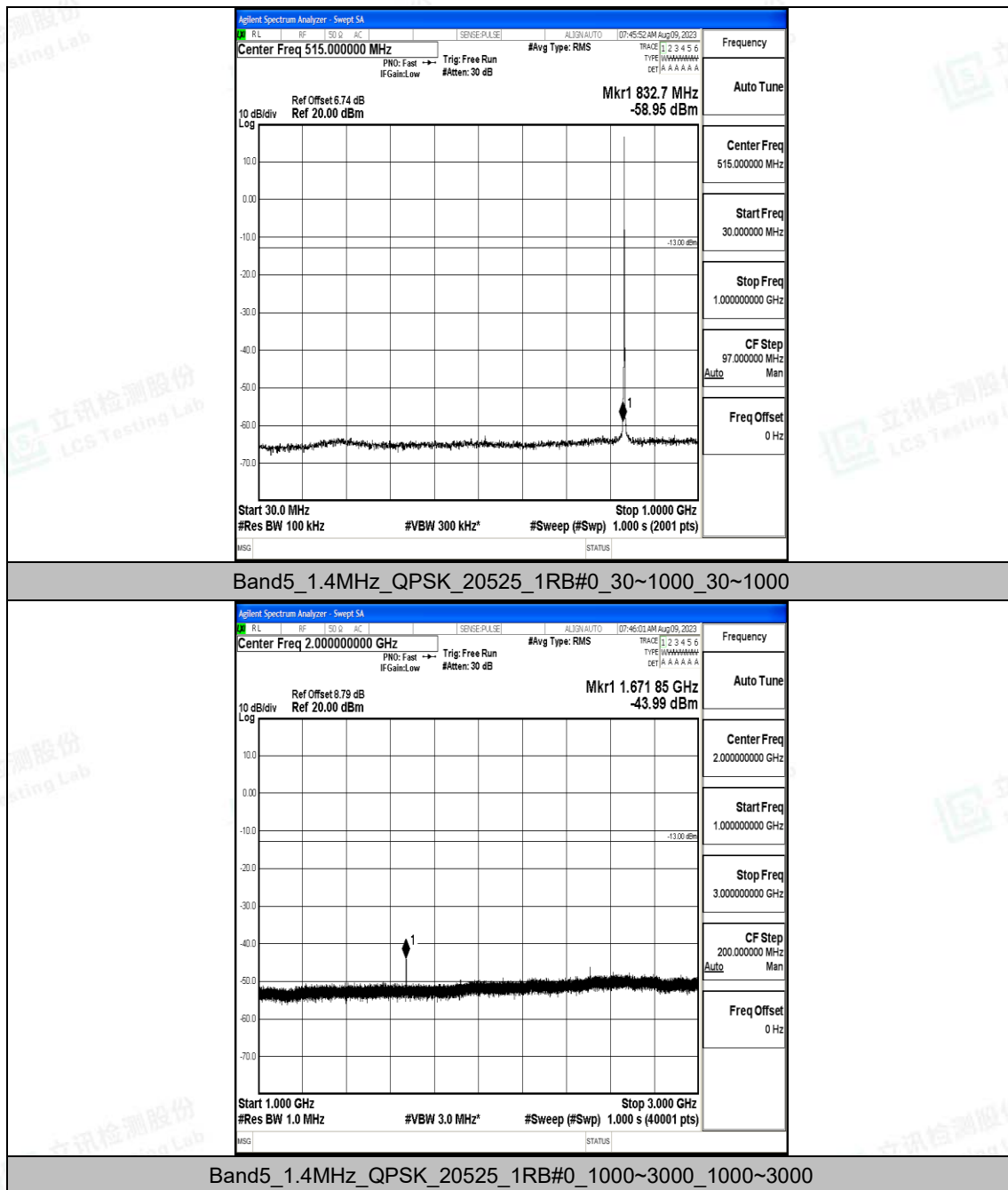


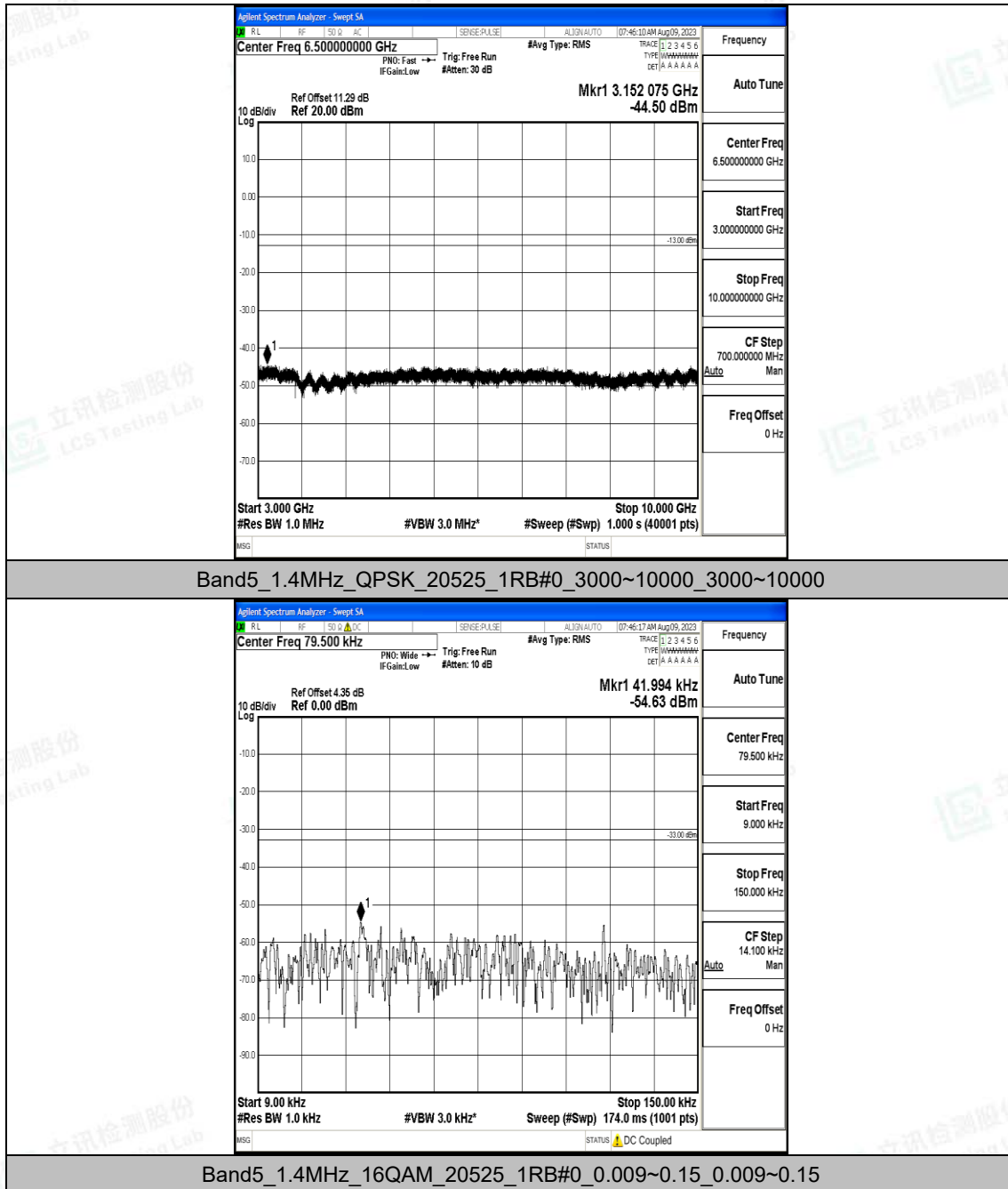


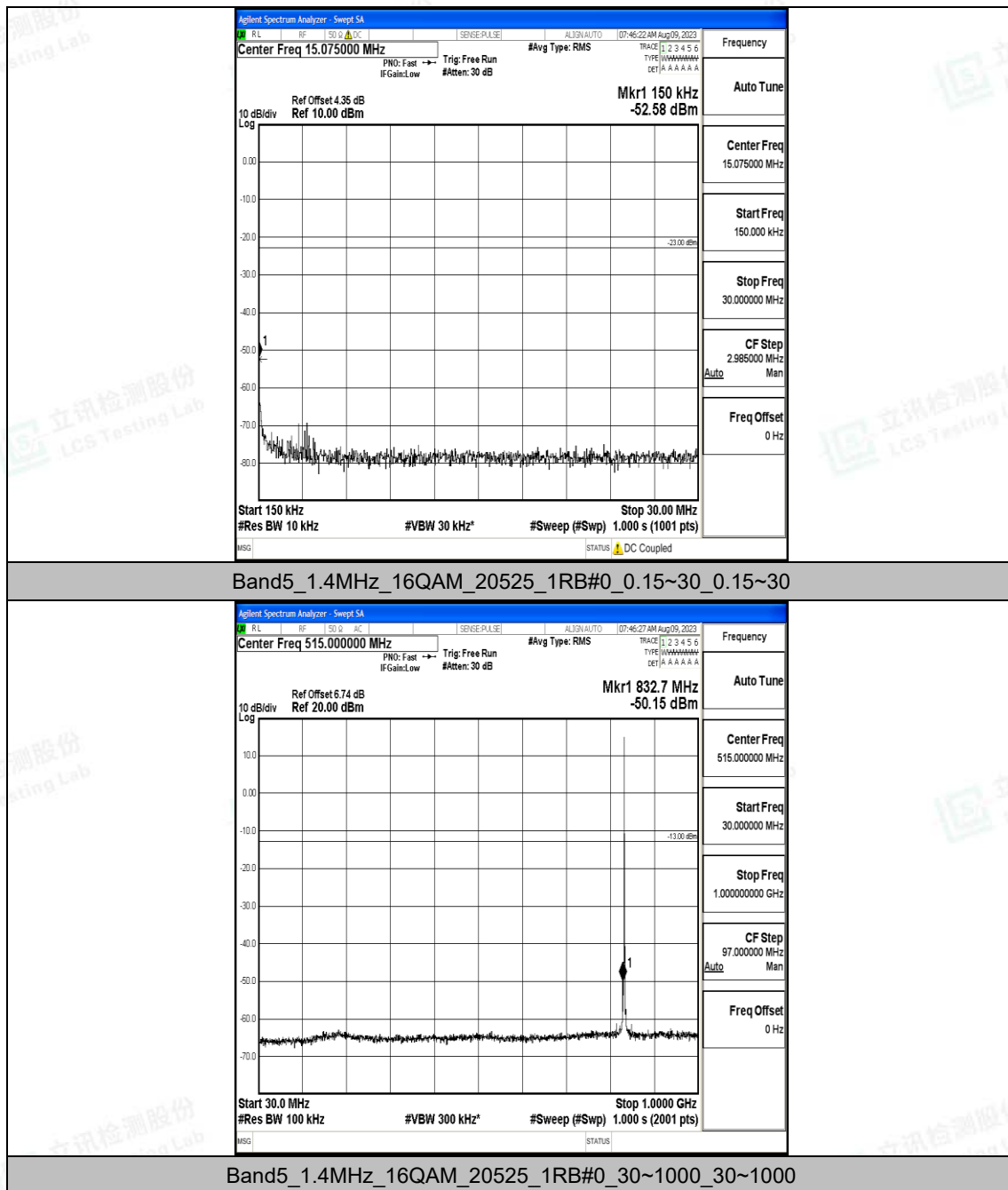


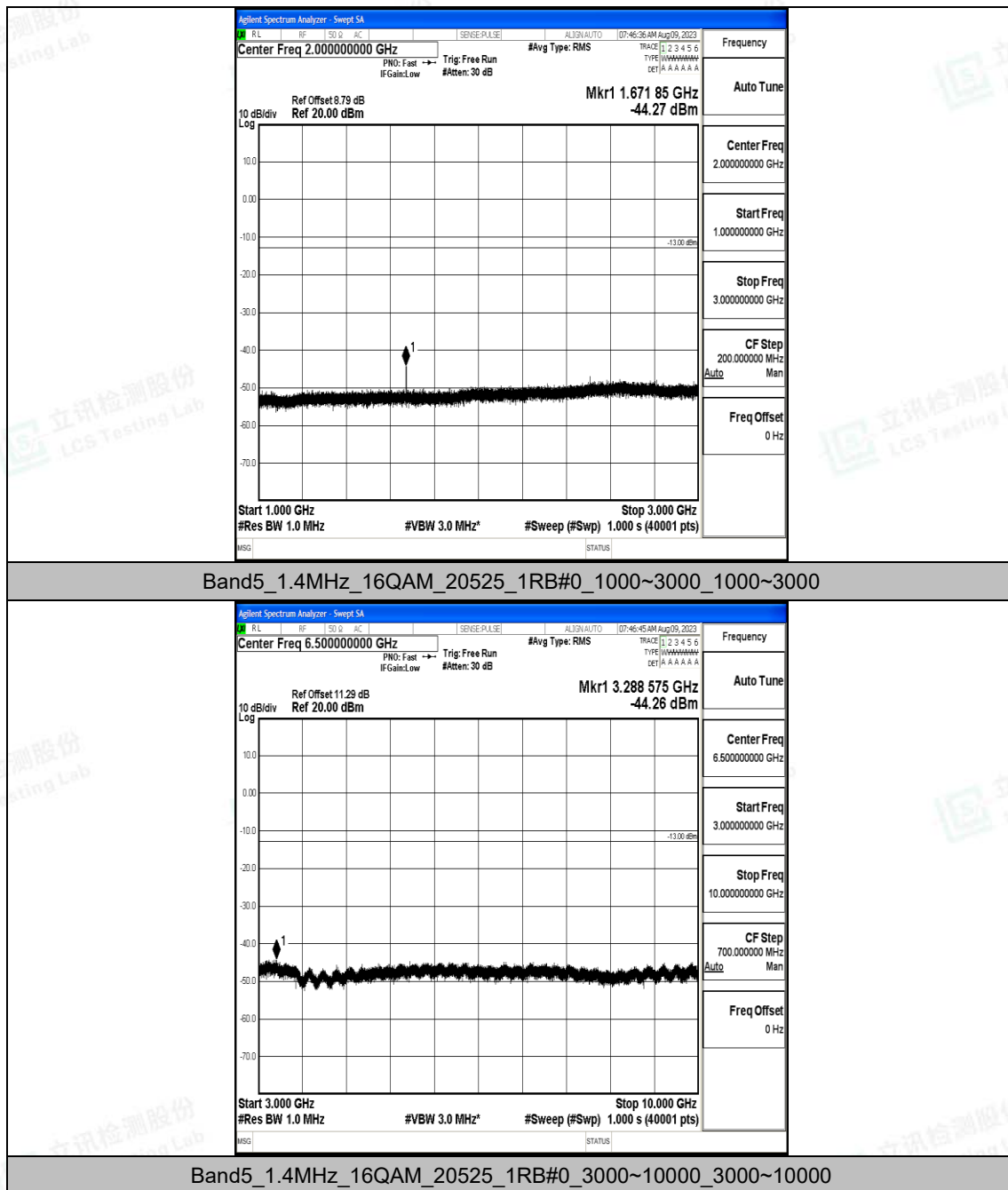


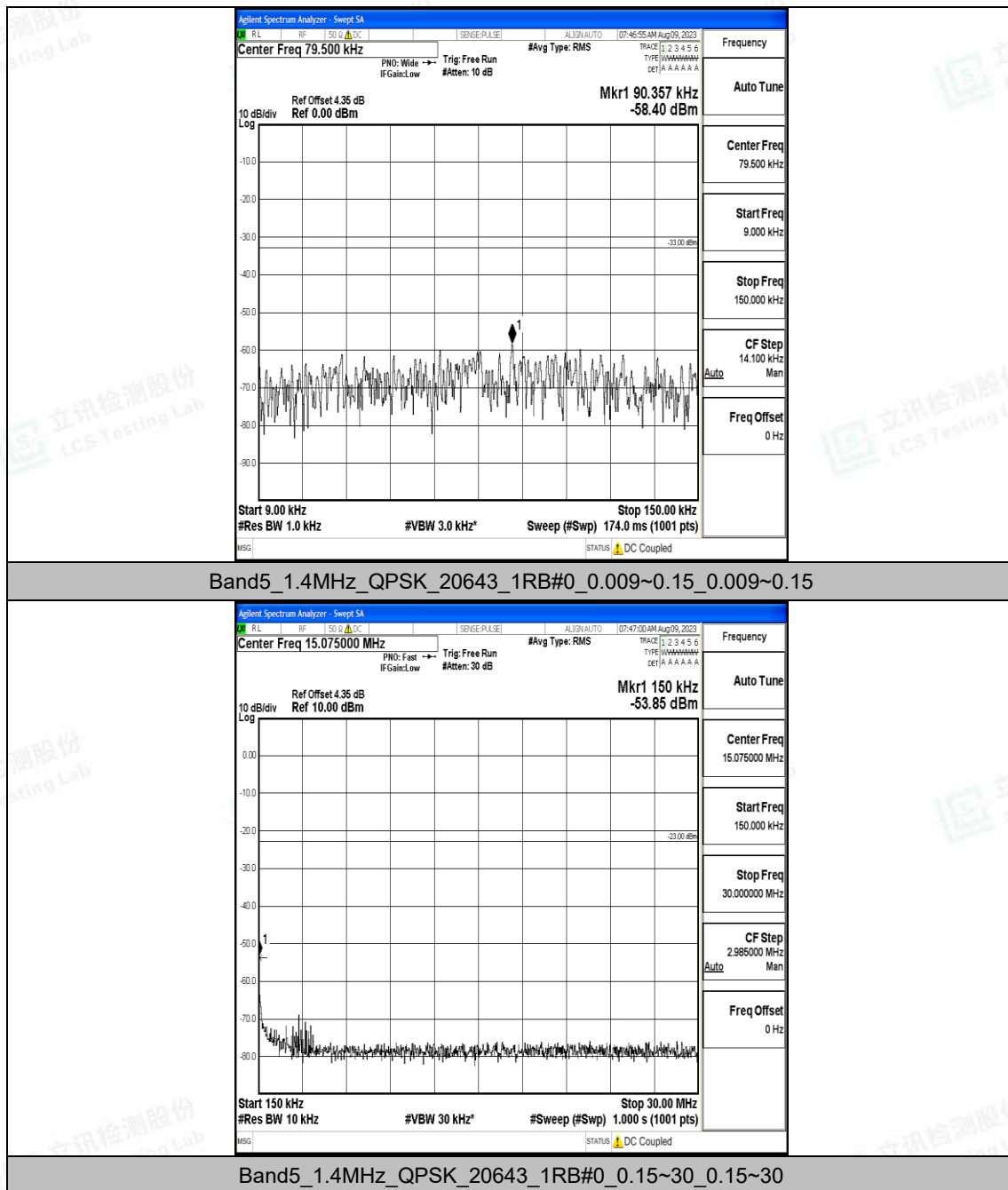


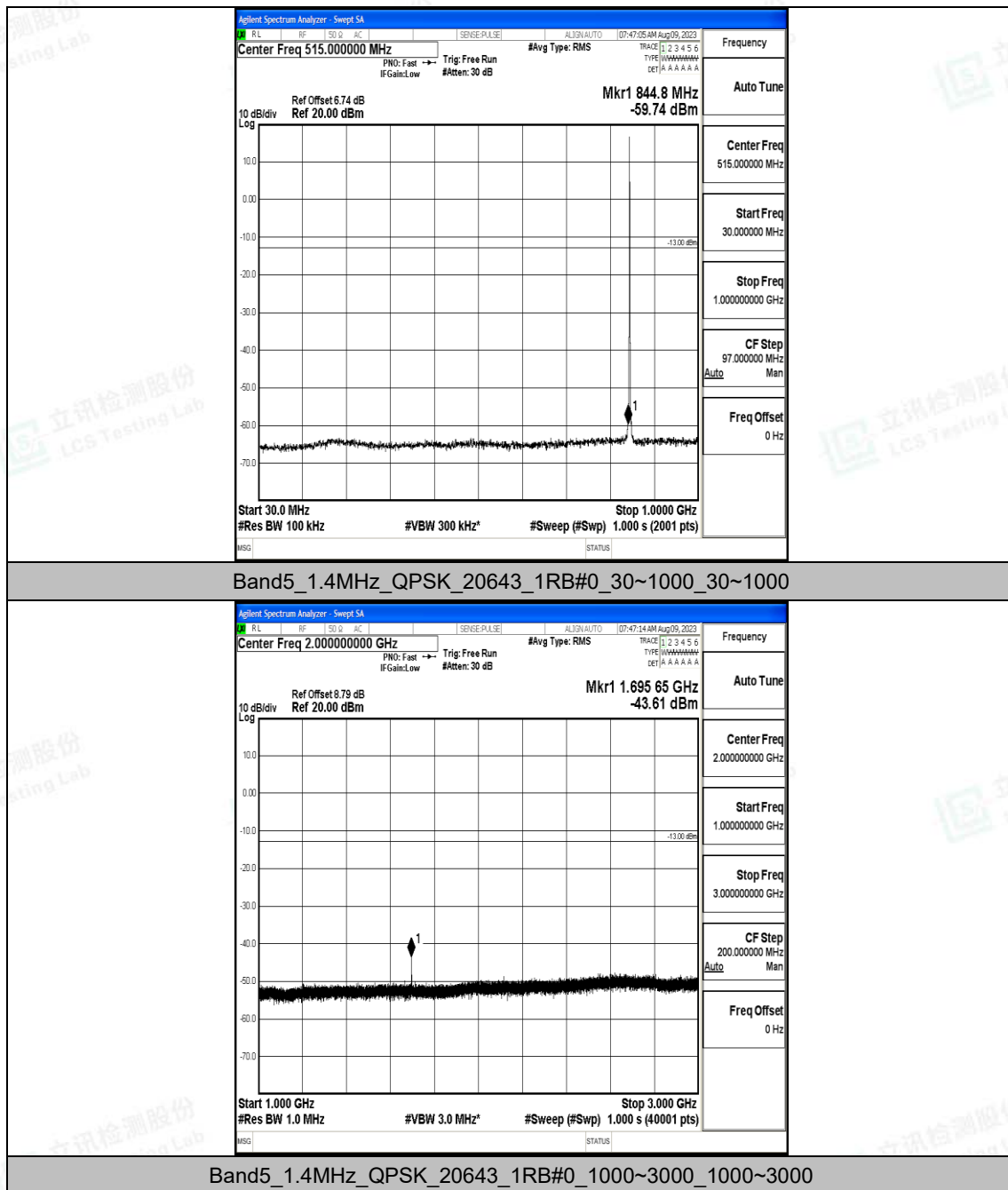


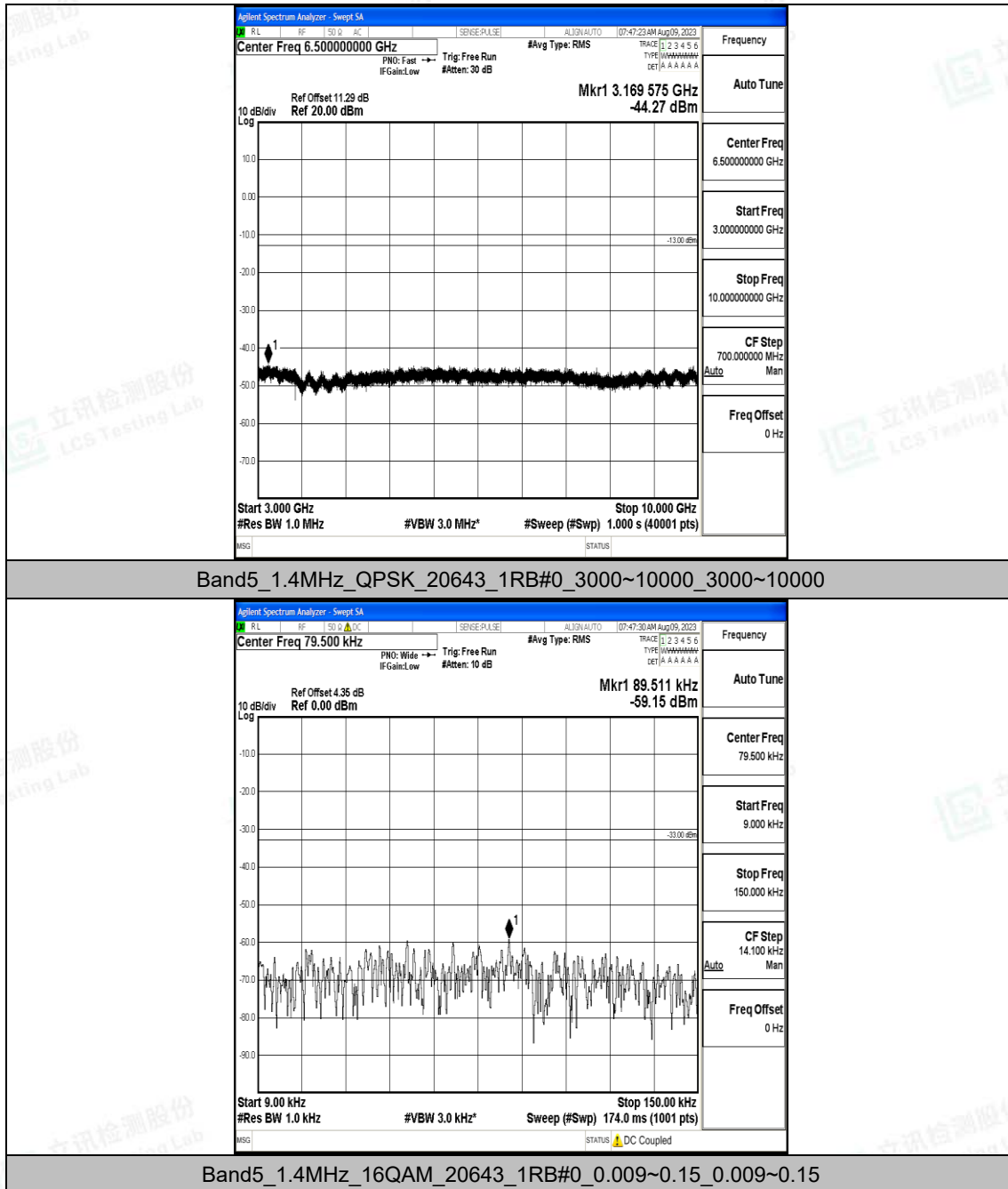


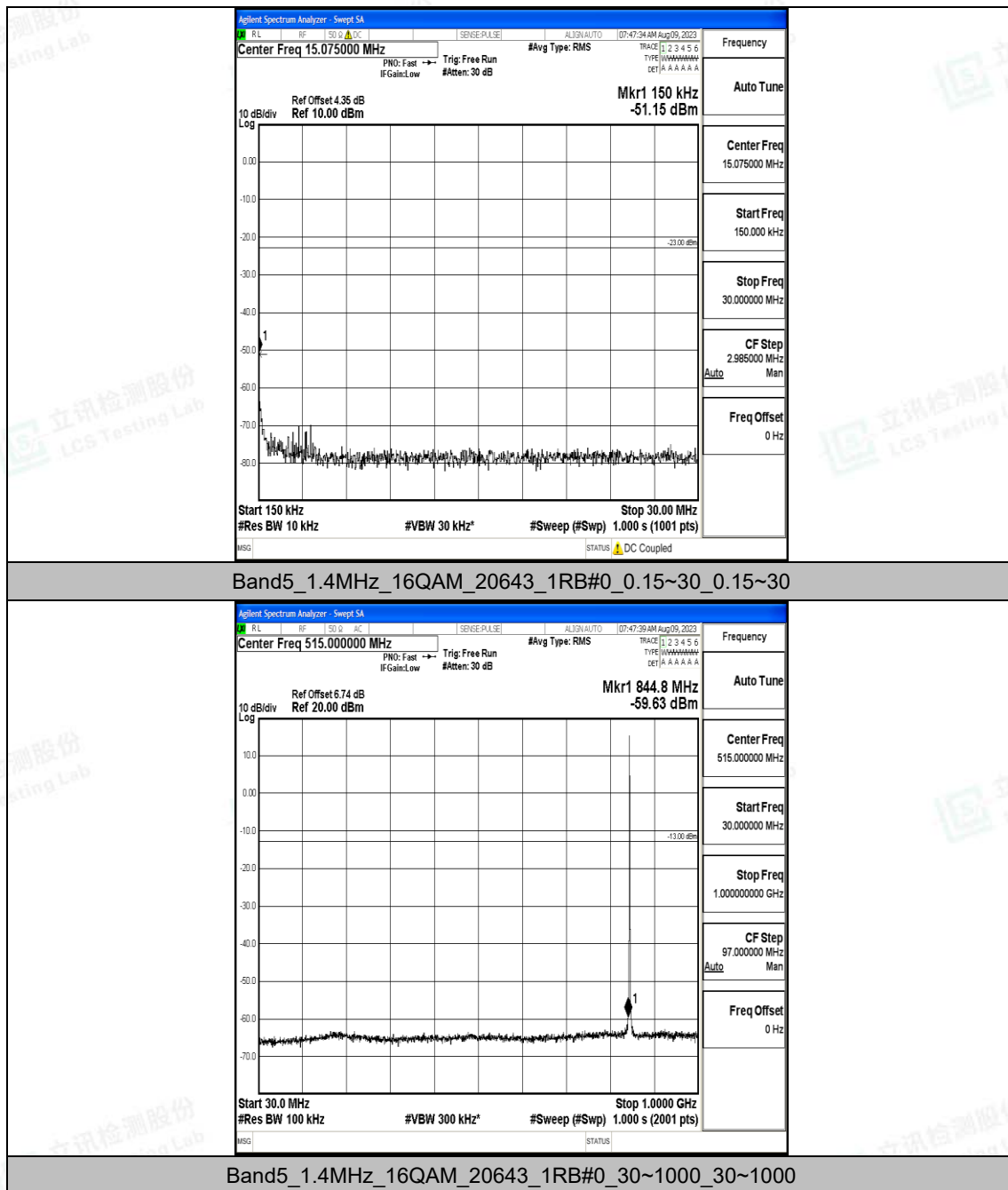


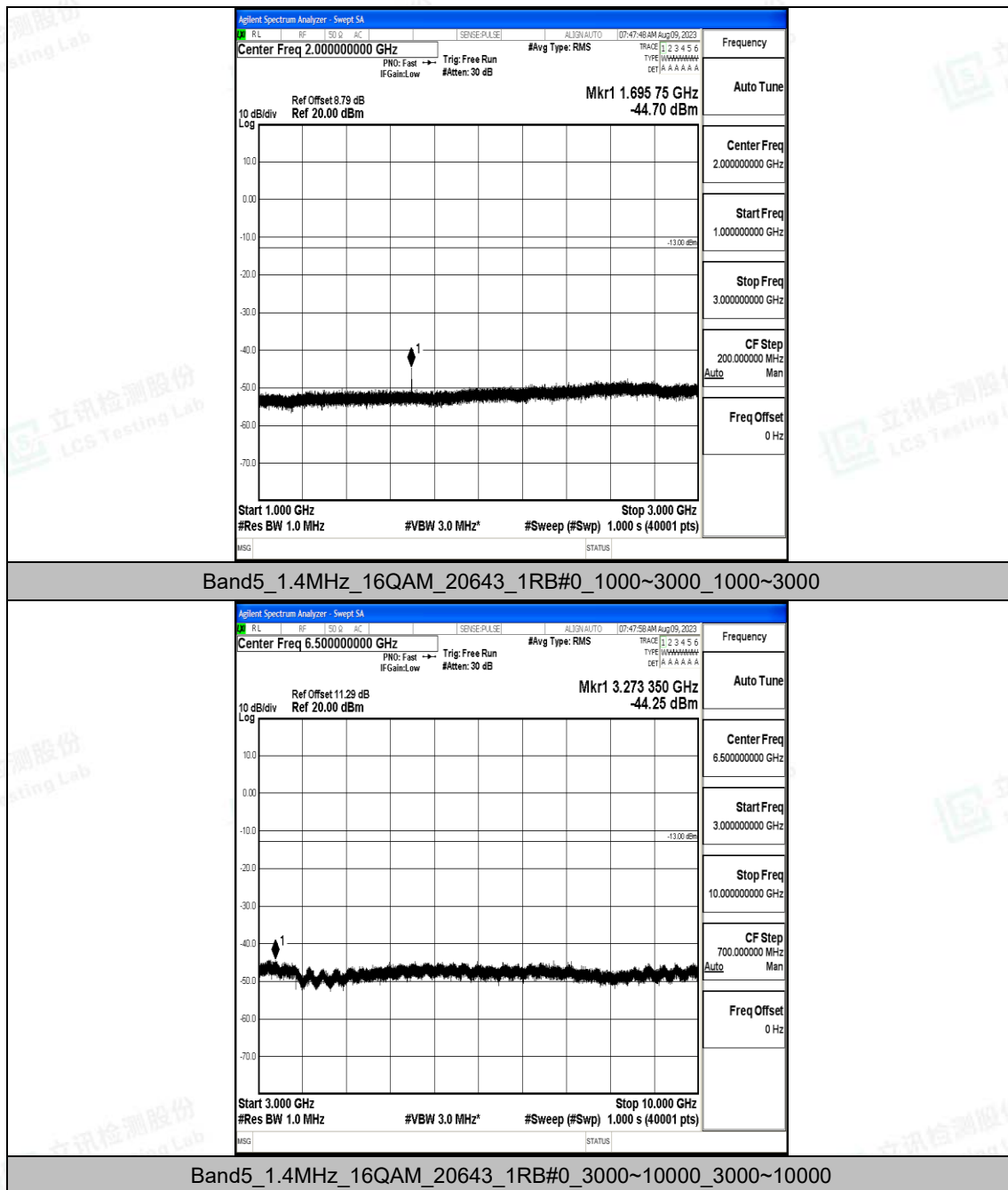


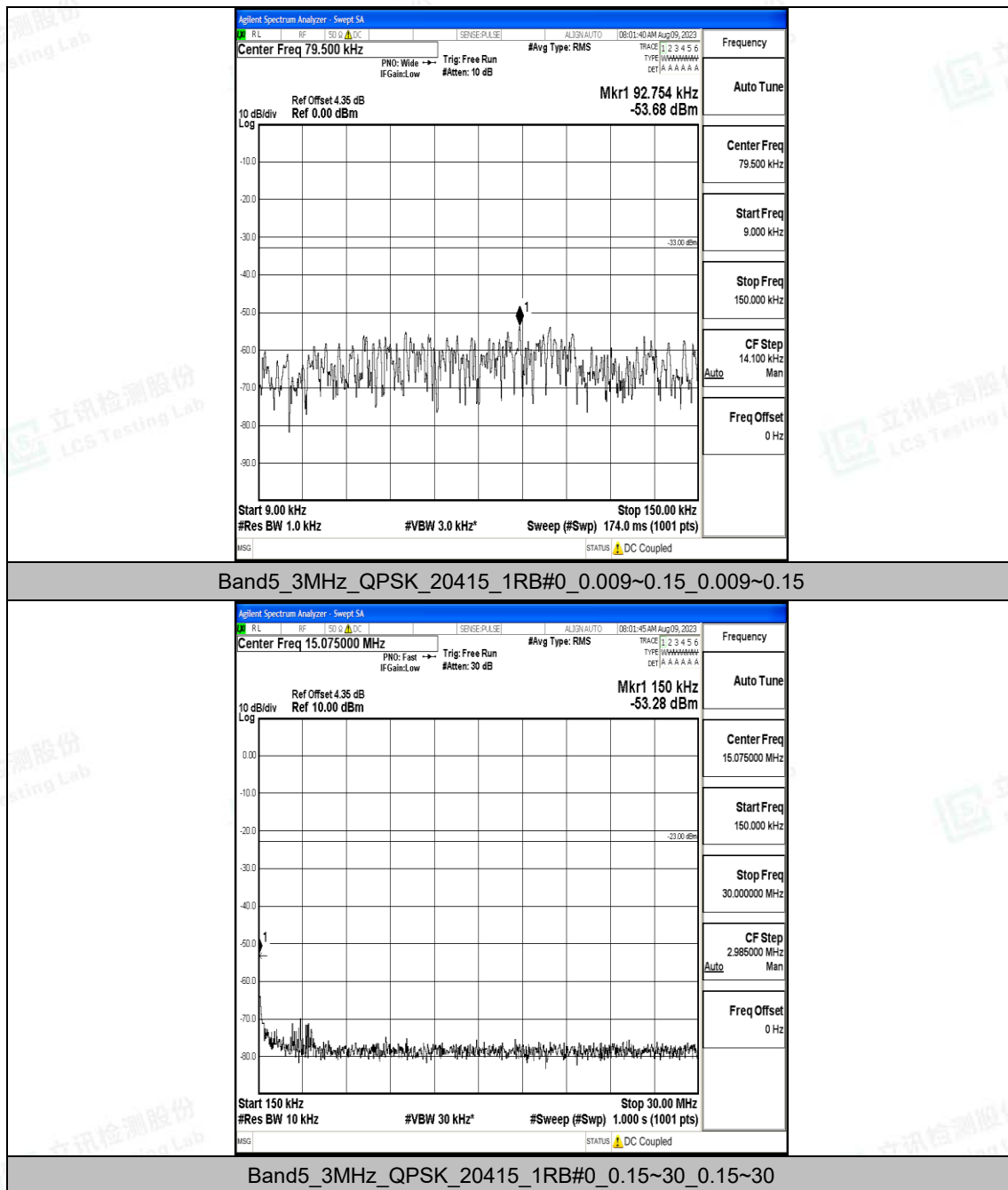


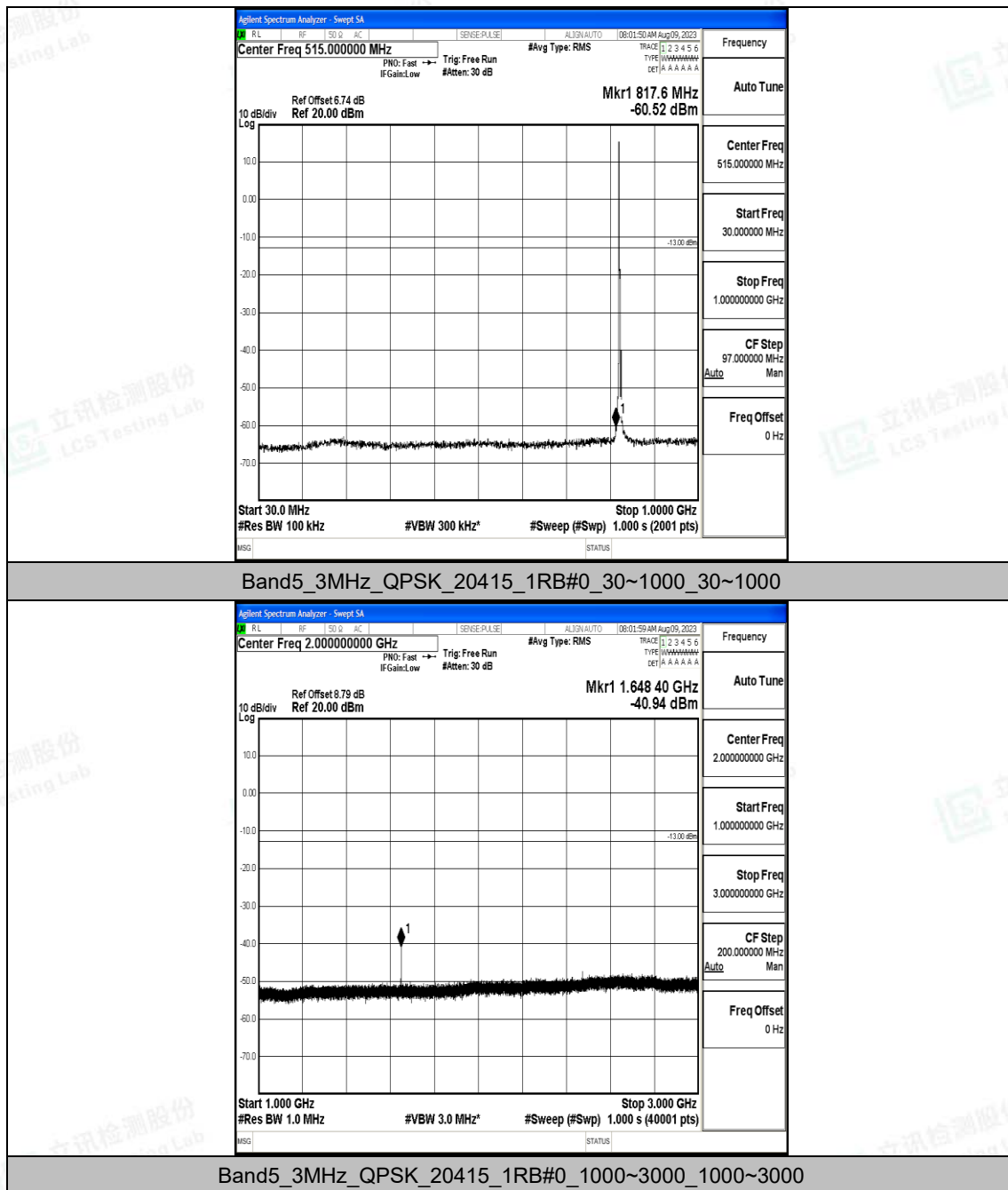












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