



Appendix I: Test Data for E-UTRA Band 12

Product Name: Smartphone

Test Model: 65PA1-1

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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I.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.73	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.36	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.67	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.39	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.72	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.43	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.91	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.52	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.89	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.50	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.96	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.54	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.83	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	22.01	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.60	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.54	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.50	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.74	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.51	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.56	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.64	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.80	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.72	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.76	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.75	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.69	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.89	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.45	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.91	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.38	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.92	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.34	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.95	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.39	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.25	PASS



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Band12	1.4MHz	QPSK	23173	3RB#1	23.42	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.25	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.32	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.28	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.37	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.51	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.70	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.75	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.75	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.64	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.74	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.77	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.81	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.85	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.81	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.85	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.76	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.85	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.82	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.81	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.65	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.54	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.57	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.53	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.60	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.26	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.59	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.81	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.59	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.79	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.72	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.90	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.75	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.70	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.52	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.60	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.49	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.41	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.37	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.54	PASS





Band12	3MHz	QPSK	23165	8RB#0	22.39	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.40	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.38	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.39	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.18	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.32	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.31	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.35	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.87	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.11	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.82	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.10	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.82	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.07	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.78	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.78	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.80	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.78	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.85	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.67	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.82	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.86	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.74	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.58	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.64	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.51	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.62	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.45	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.61	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.69	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.62	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.69	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.67	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.62	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.72	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.60	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.53	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.48	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.56	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.37	PASS





Band12	5MHz	QPSK	23155	1RB#24	23.45	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.27	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.39	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.41	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.46	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.41	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.38	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.43	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.35	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.54	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.76	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.74	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.59	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.62	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.62	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.75	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.73	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.77	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.74	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.80	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.76	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.73	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.41	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.58	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.39	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.42	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.20	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.70	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.85	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.70	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.84	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.71	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.71	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.78	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.76	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.88	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.48	PASS





Band12	10MHz	QPSK	23130	1RB#24	23.72	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.39	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.45	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.14	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.69	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.88	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.68	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.84	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.35	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.53	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.47	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.61	PASS





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

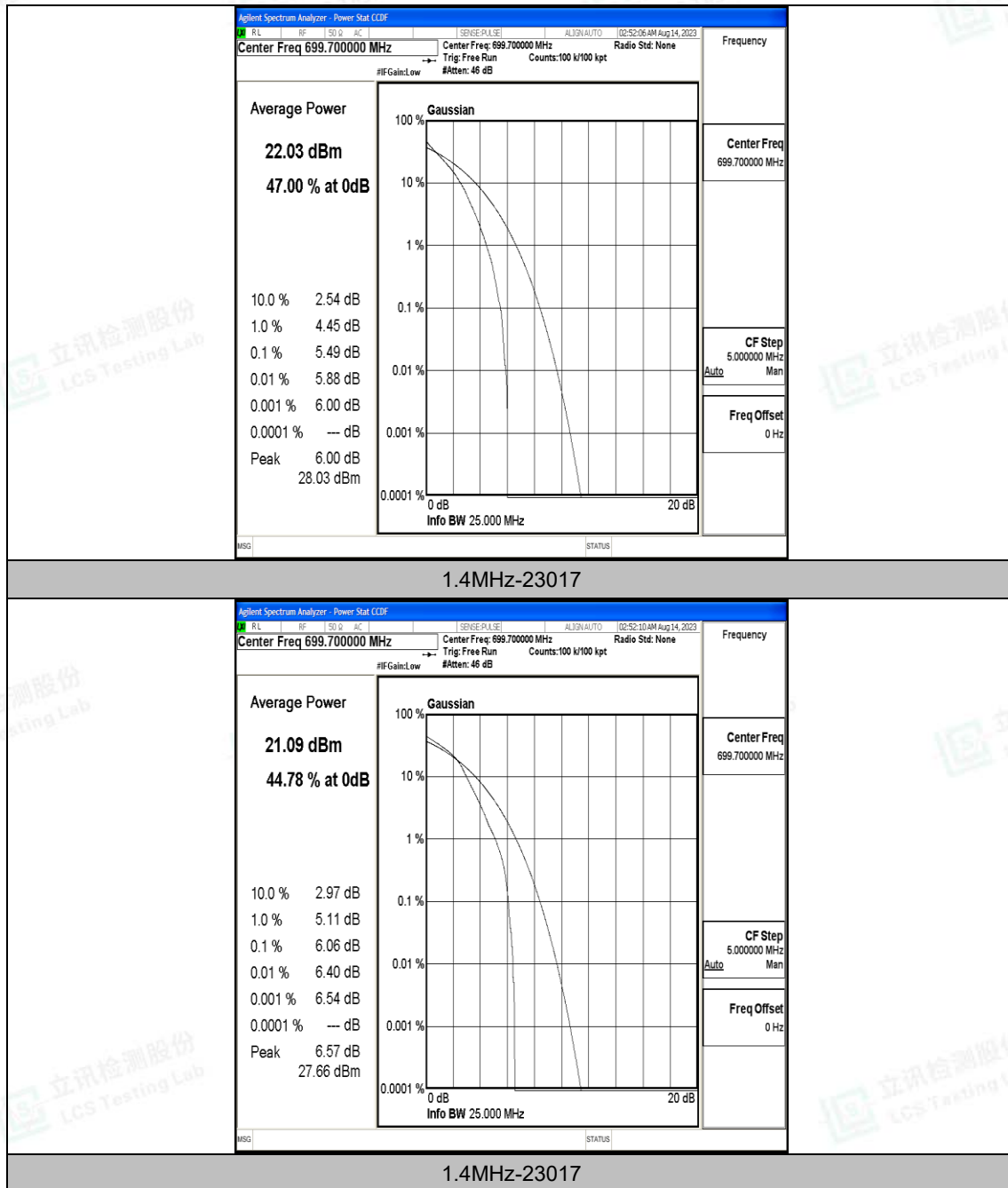
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	5.49	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.06	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.97	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.28	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.40	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.94	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.46	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.34	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.68	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.37	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.26	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.25	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.54	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.14	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.66	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.36	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.25	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.09	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.54	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.29	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.63	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.35	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.59	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.23	13	PASS





Test Graphs

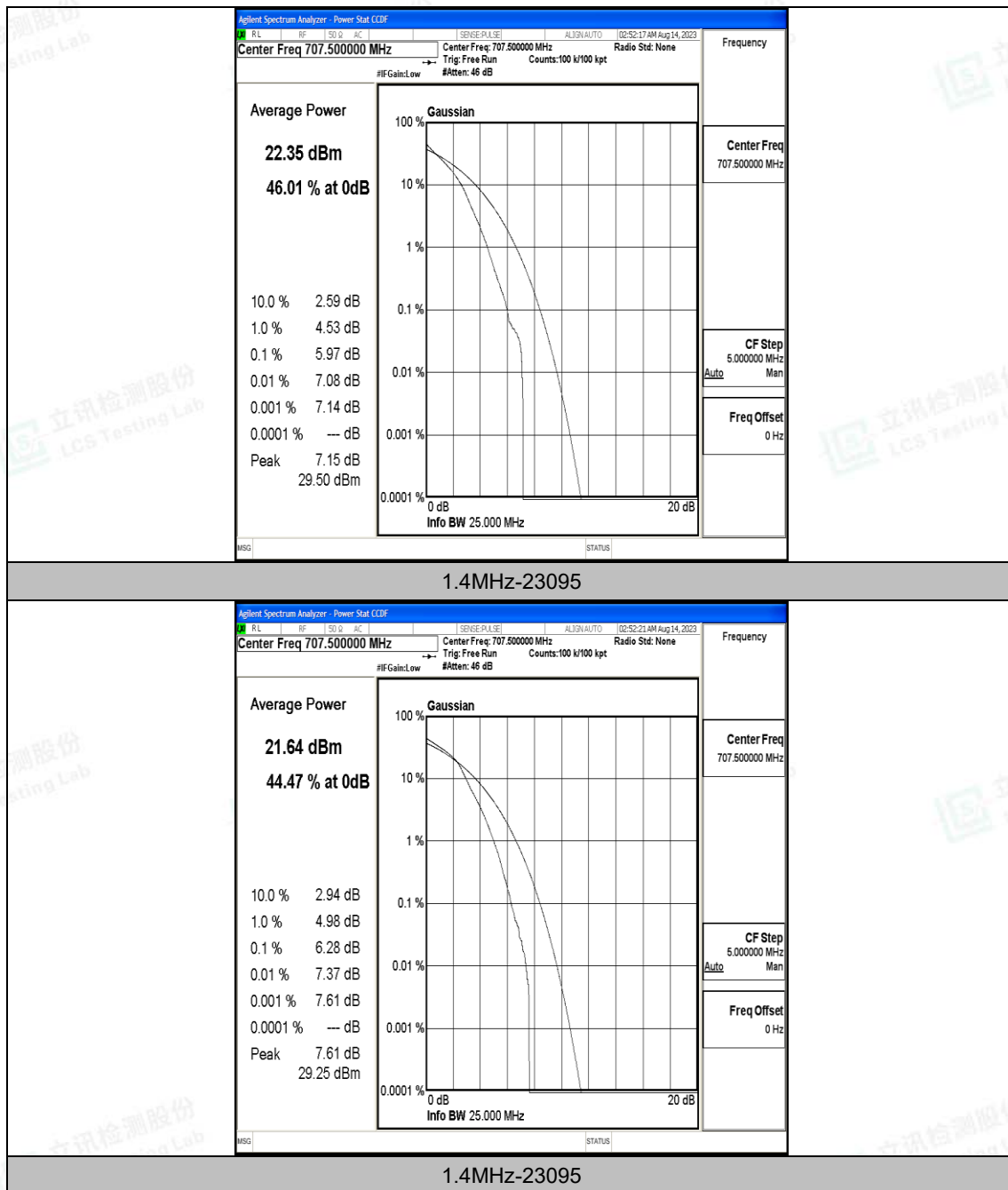


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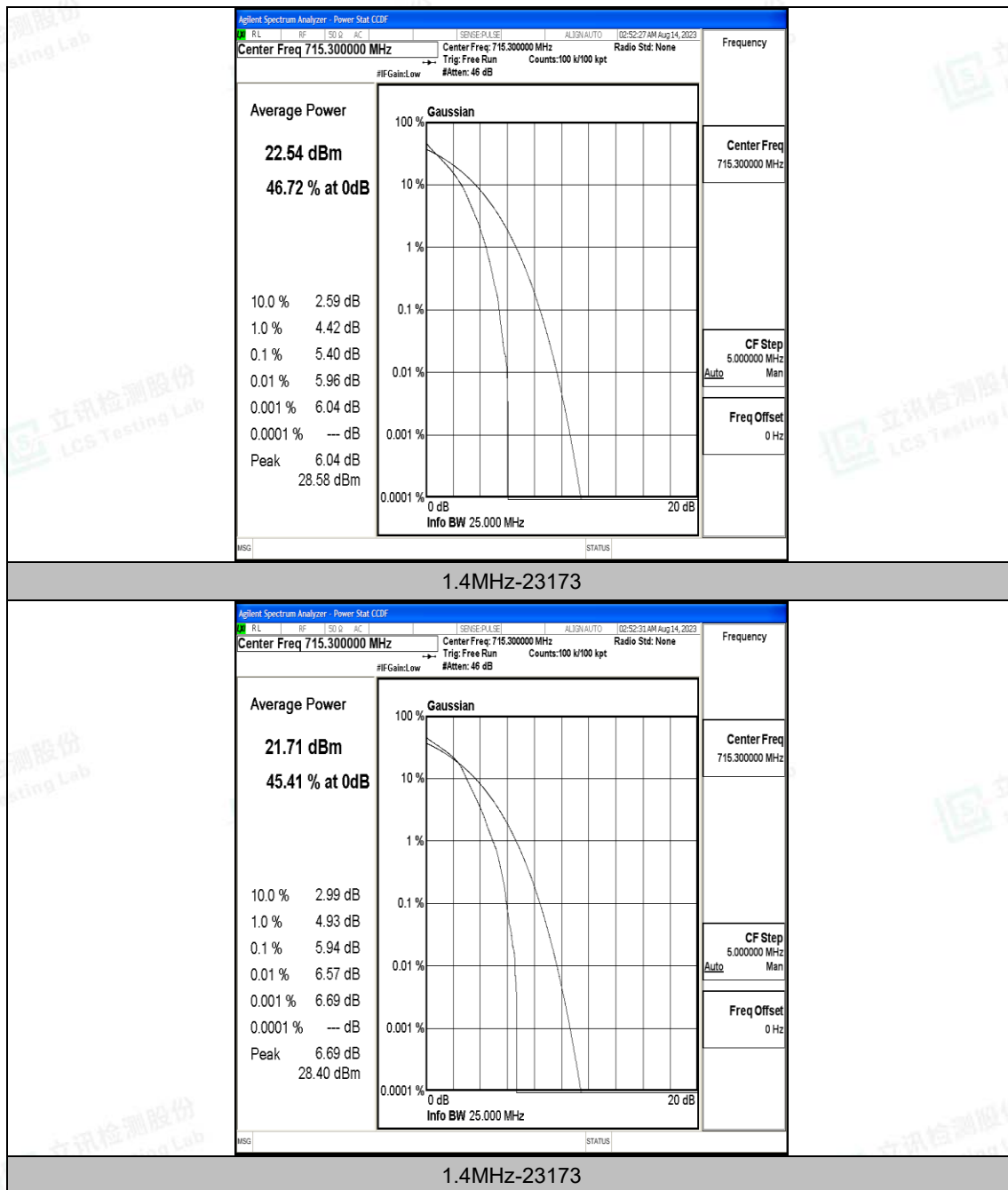


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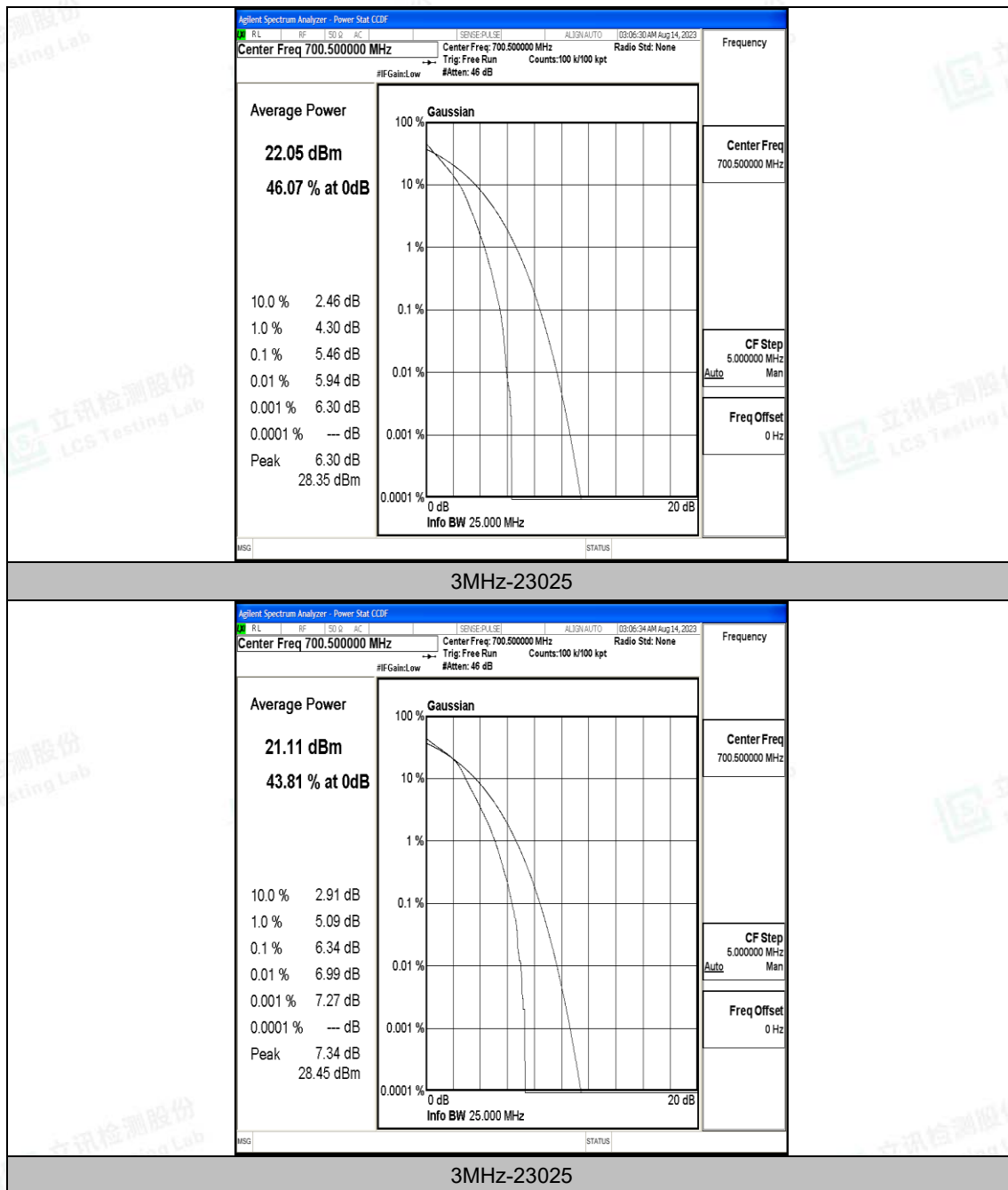


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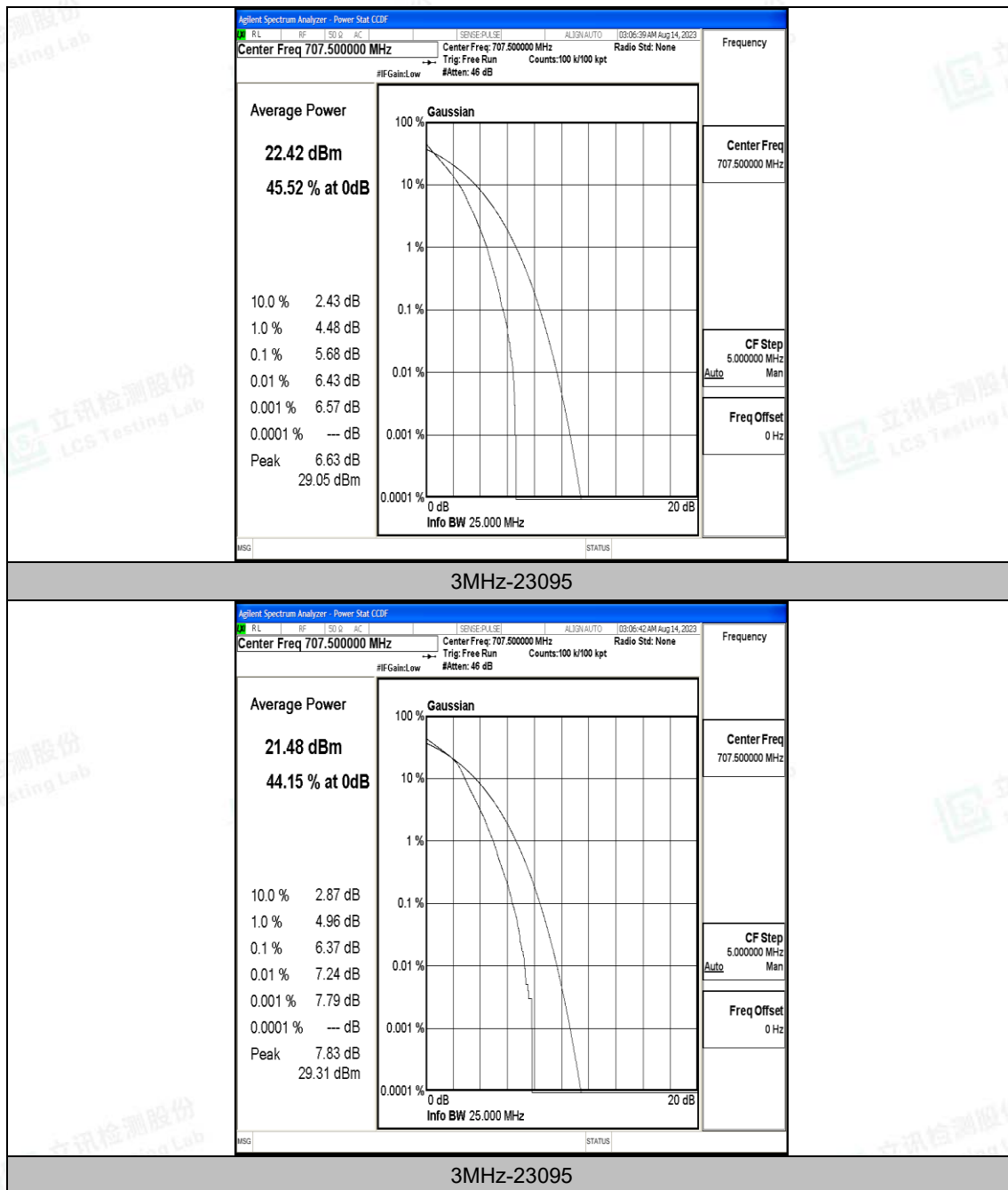


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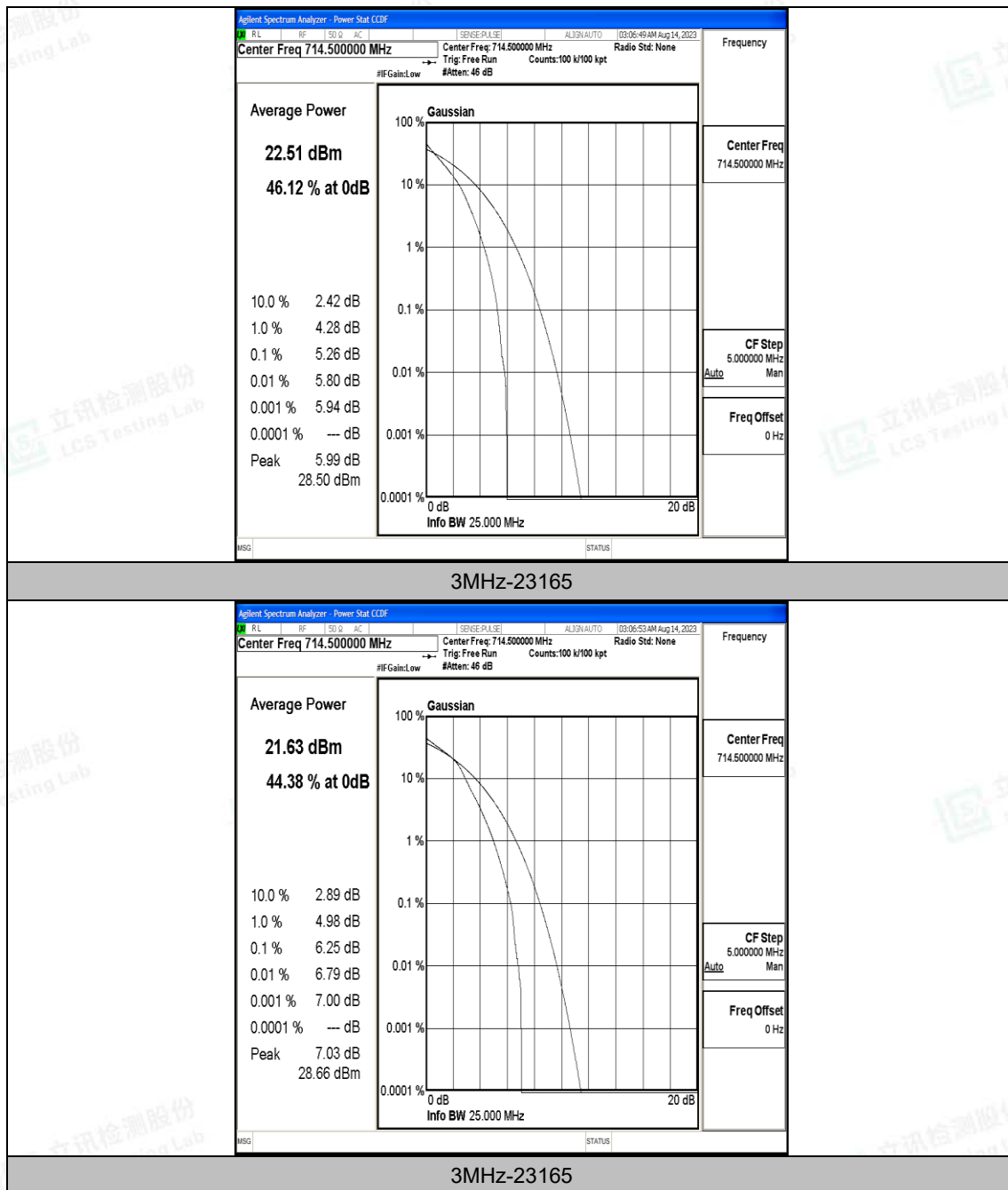


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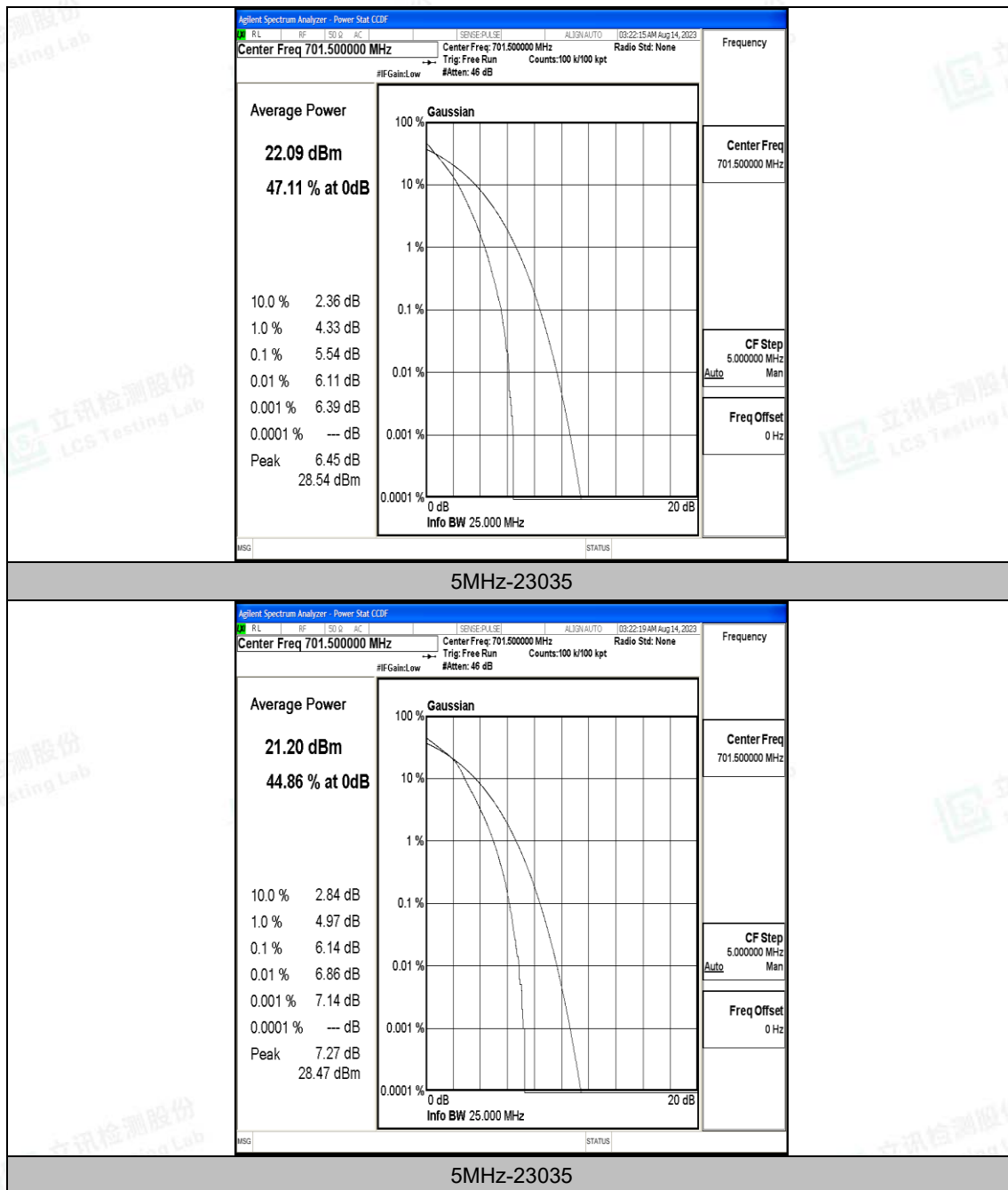


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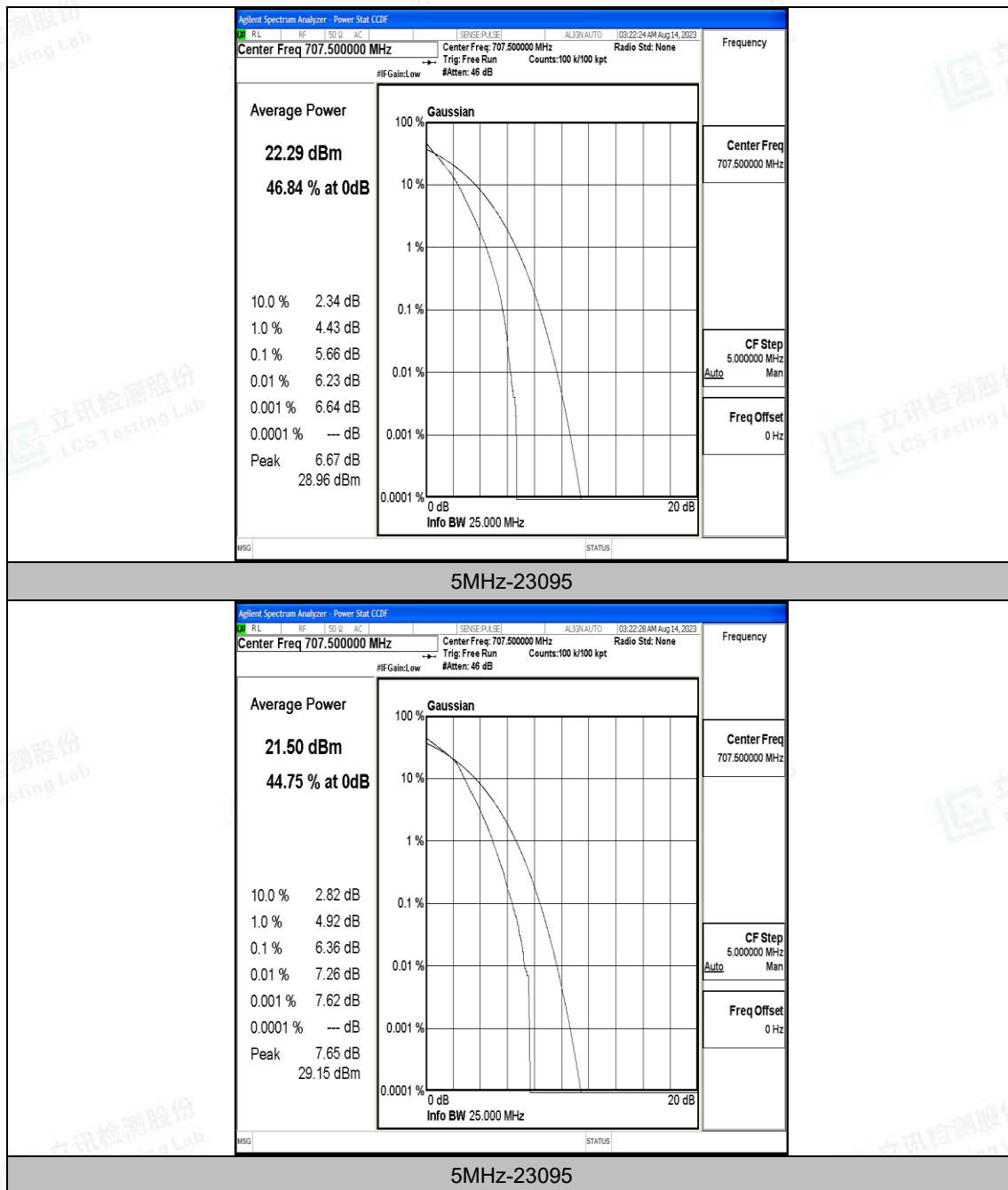


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Scan code to check authenticity

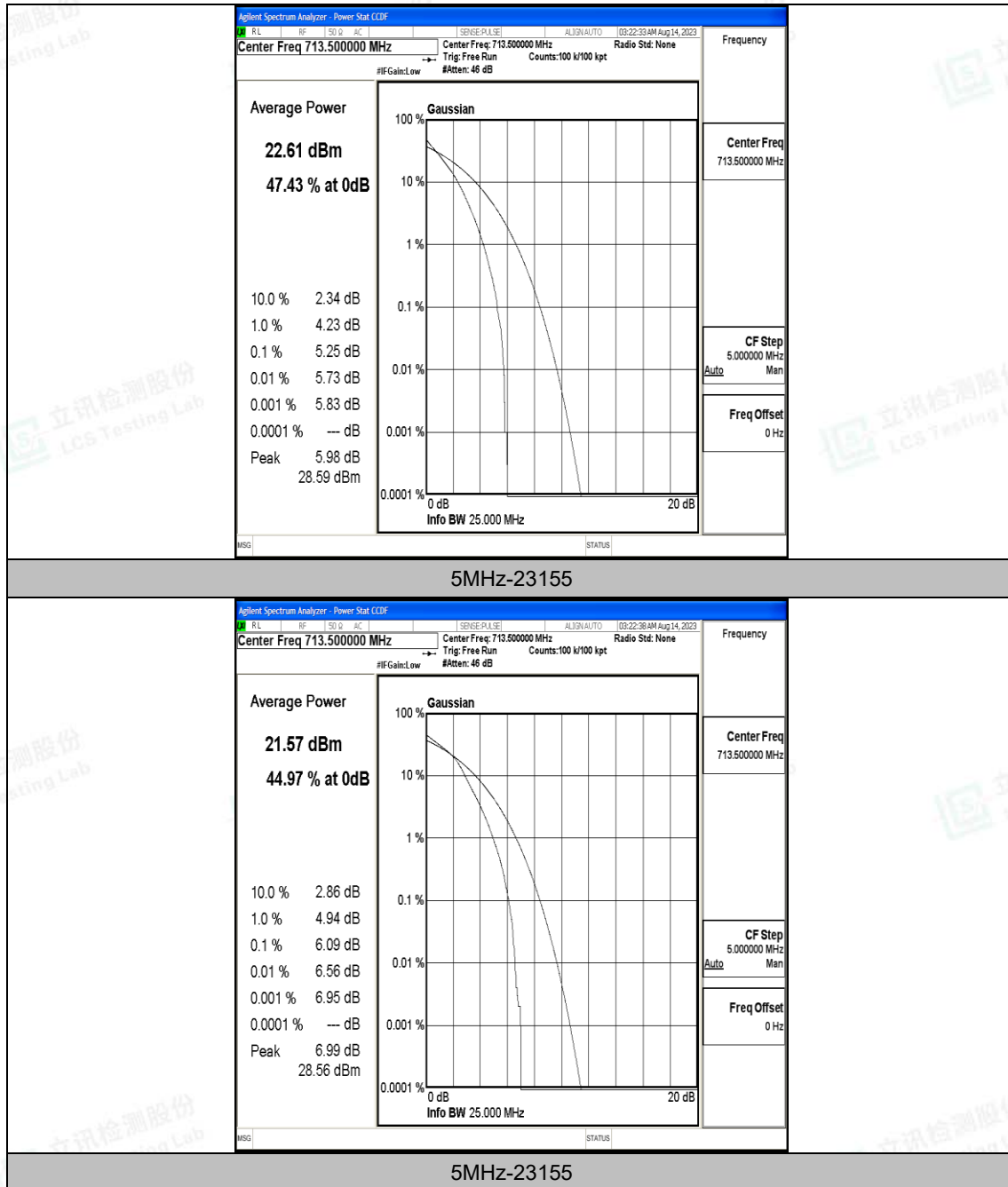


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Scan code to check authenticity

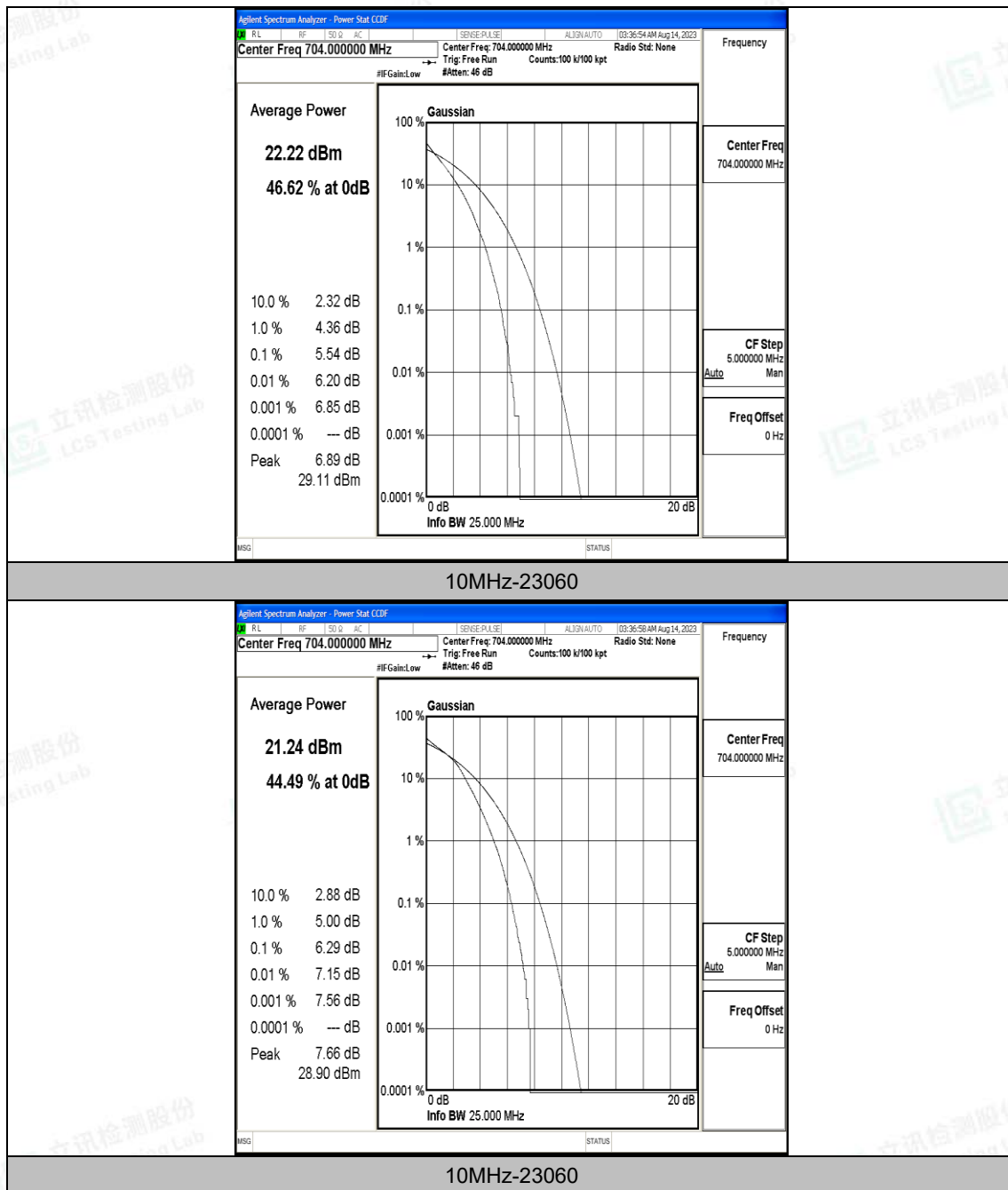


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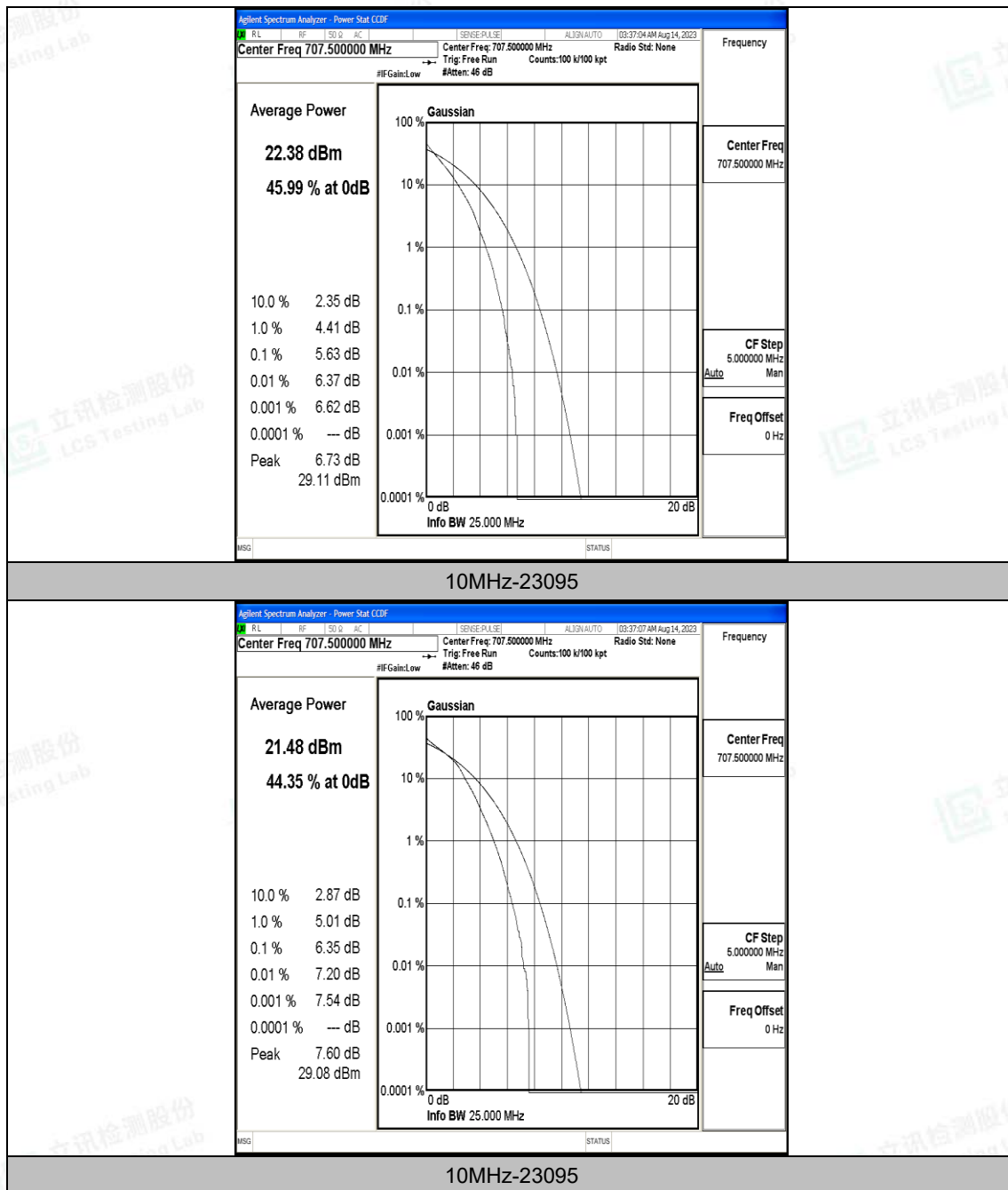


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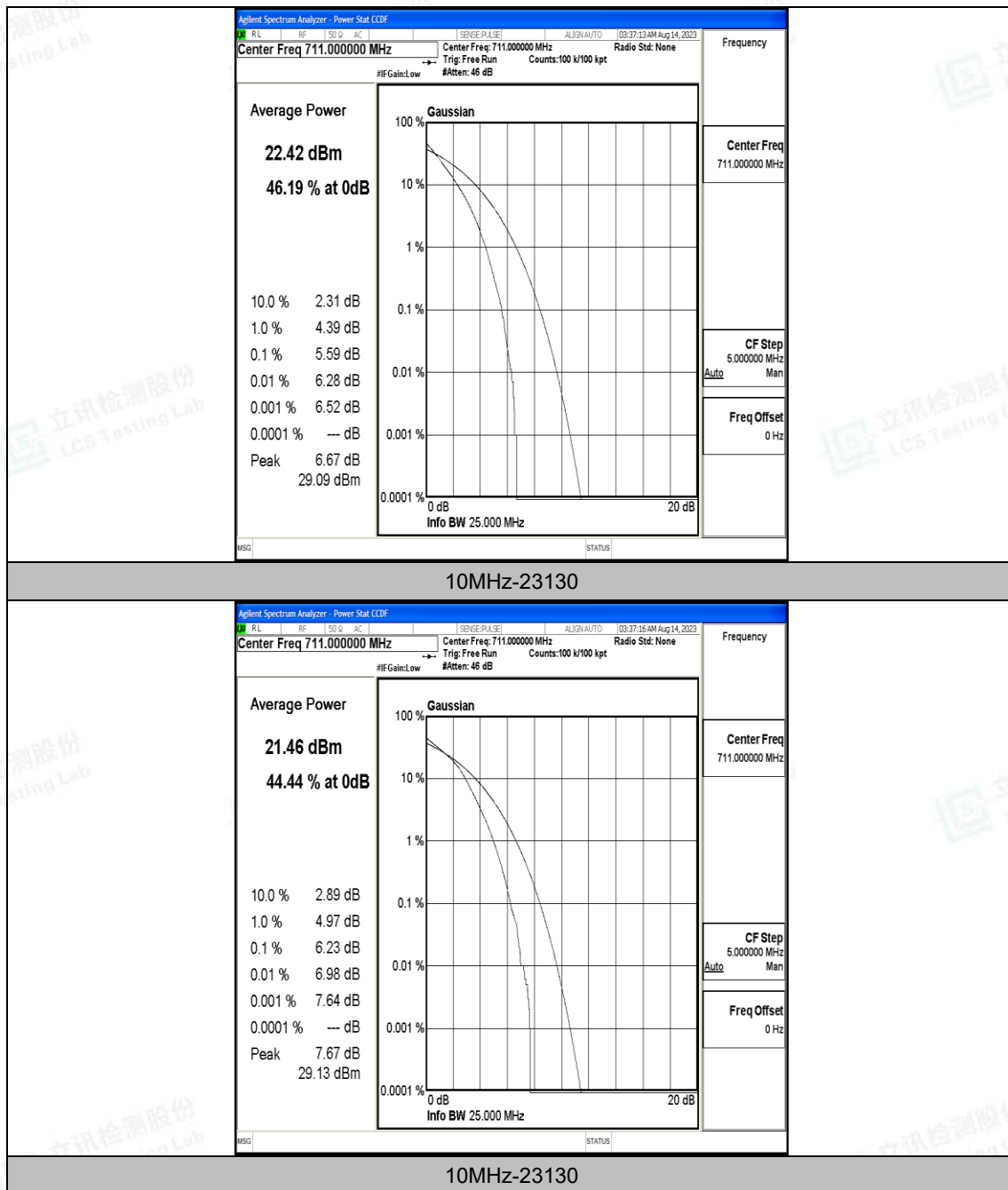


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Scan code to check authenticity



I.3 26dB Bandwidth and Occupied Bandwidth

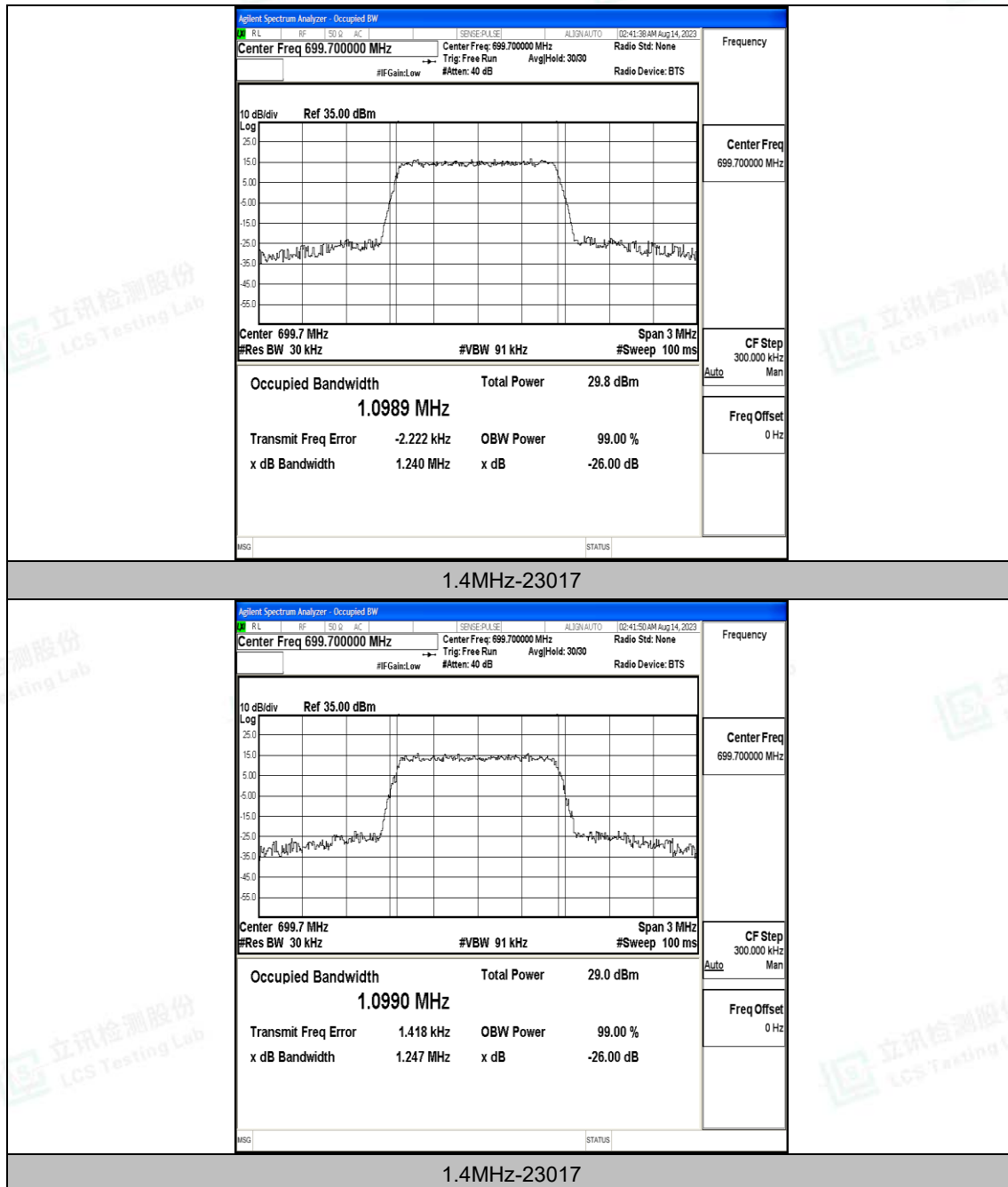
Test Result

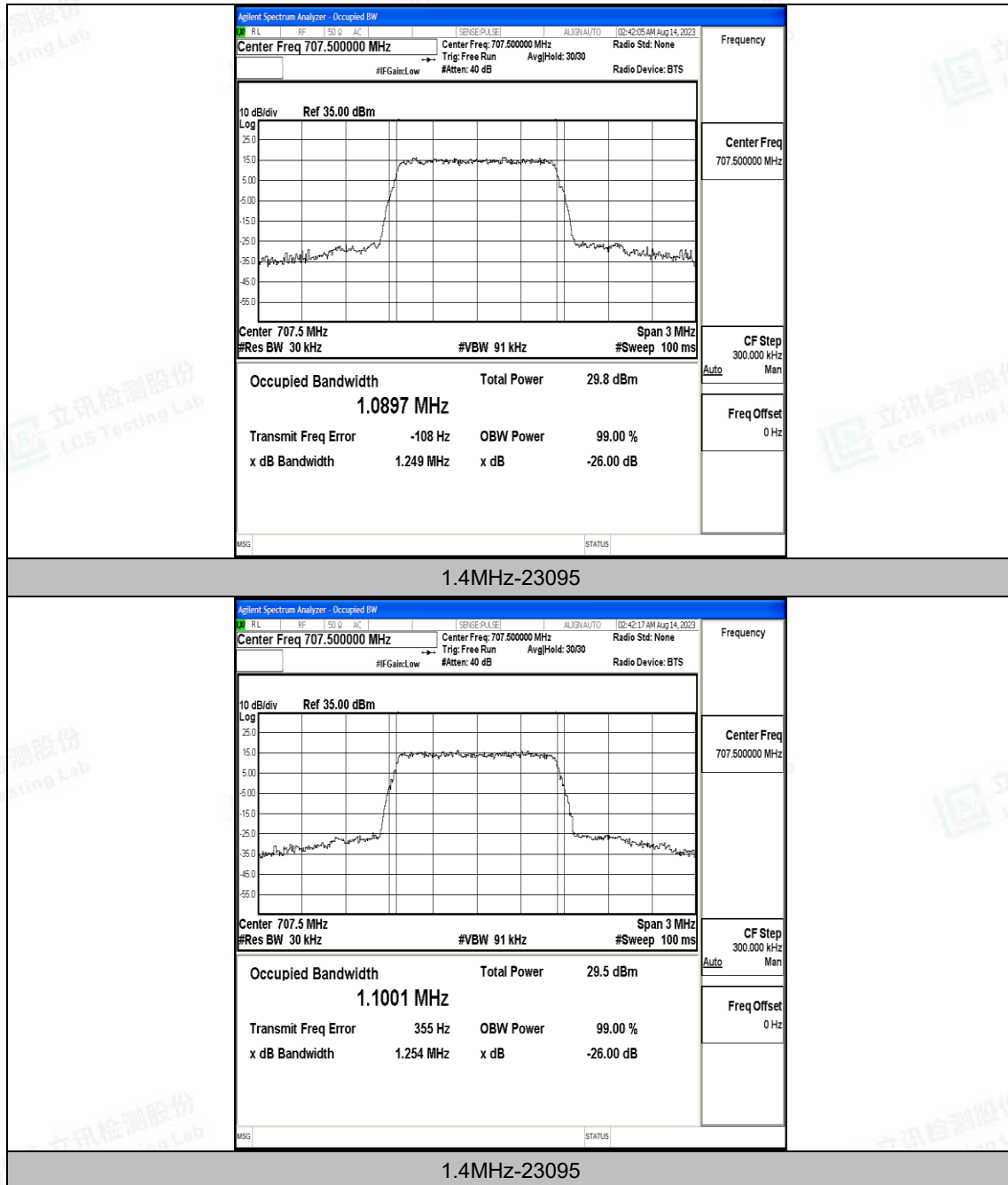
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0989	1.240	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0990	1.247	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0897	1.249	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1001	1.254	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0922	1.244	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.1039	1.245	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7024	3.002	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6930	3.033	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7040	3.017	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6898	3.019	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7044	3.022	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7111	3.037	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5068	4.958	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5028	4.960	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5211	4.979	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5067	4.956	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5147	4.971	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4995	4.956	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9873	9.977	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9550	9.885	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.0027	9.949	PASS
Band12	10MHz	16QAM	23095	50RB#0	9.0045	9.903	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9929	9.939	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9879	9.935	PASS

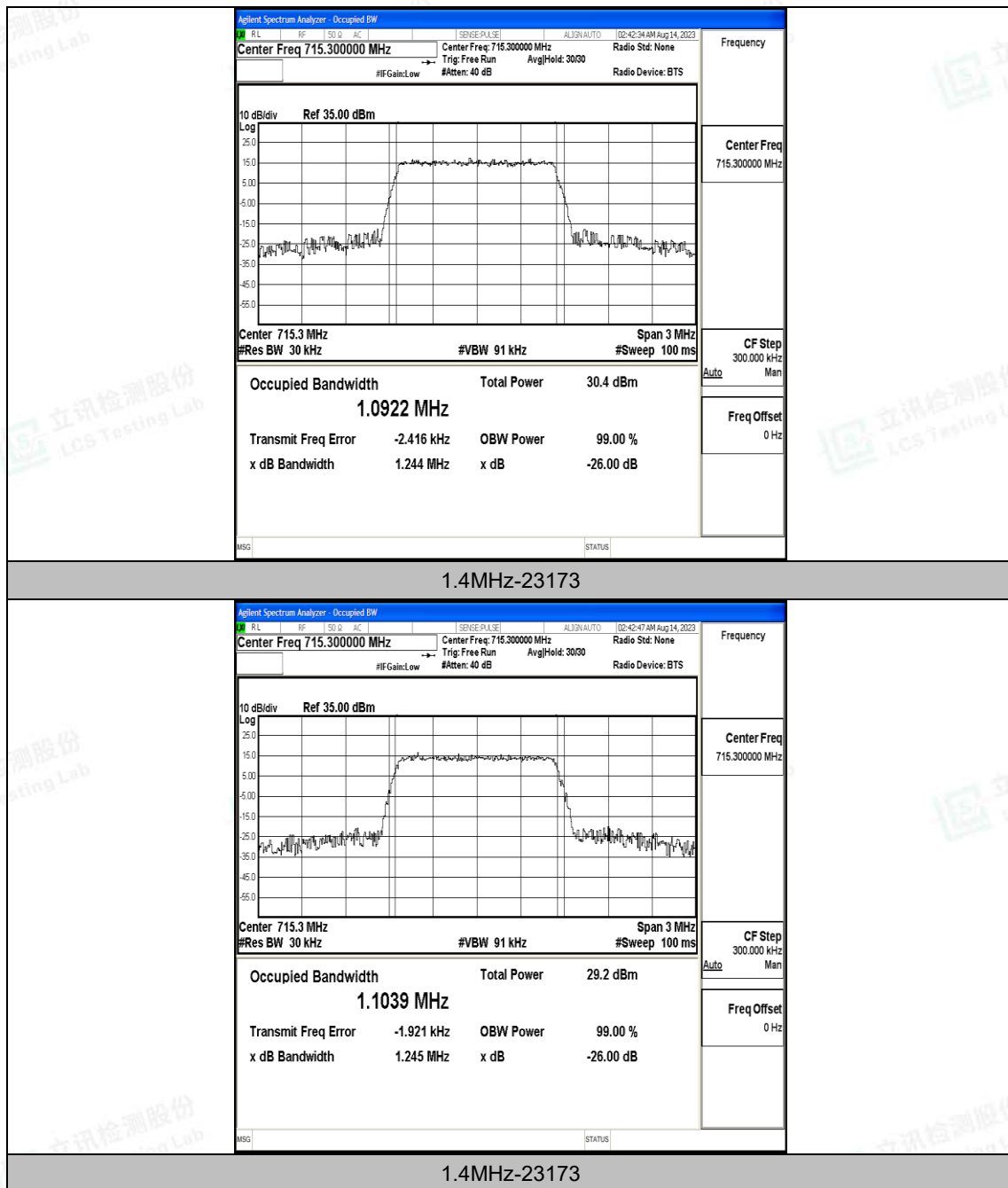


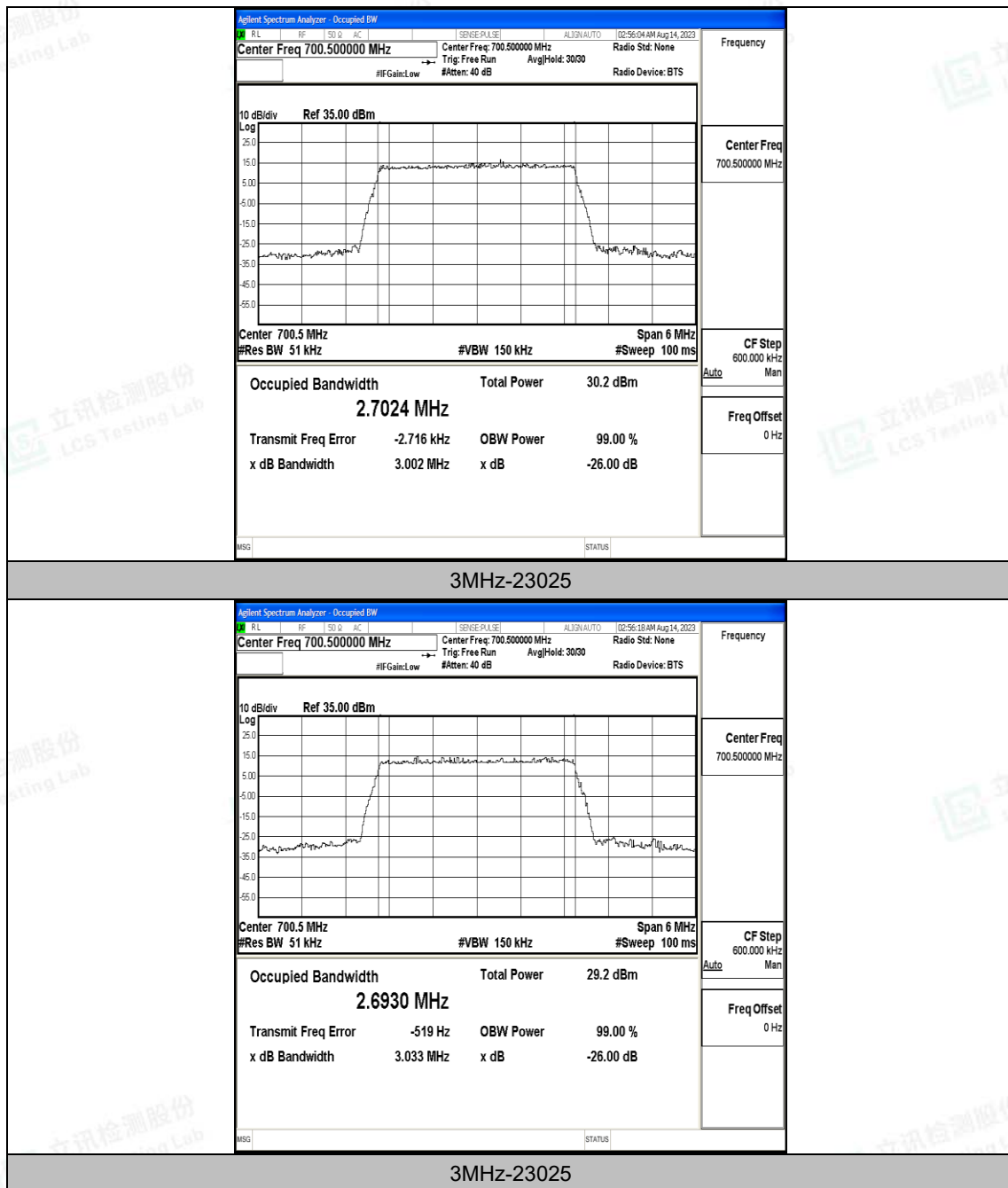


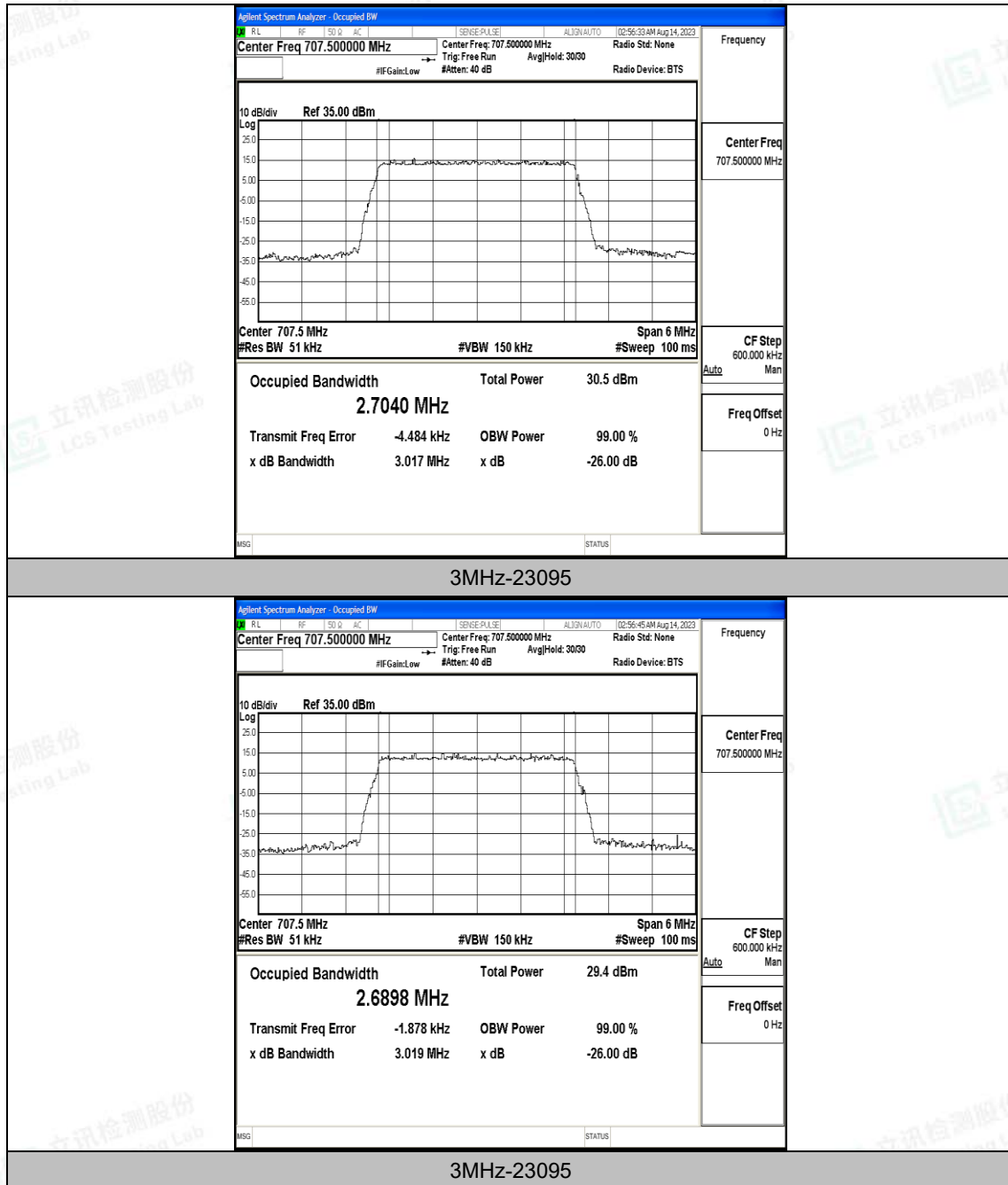
Test Graphs

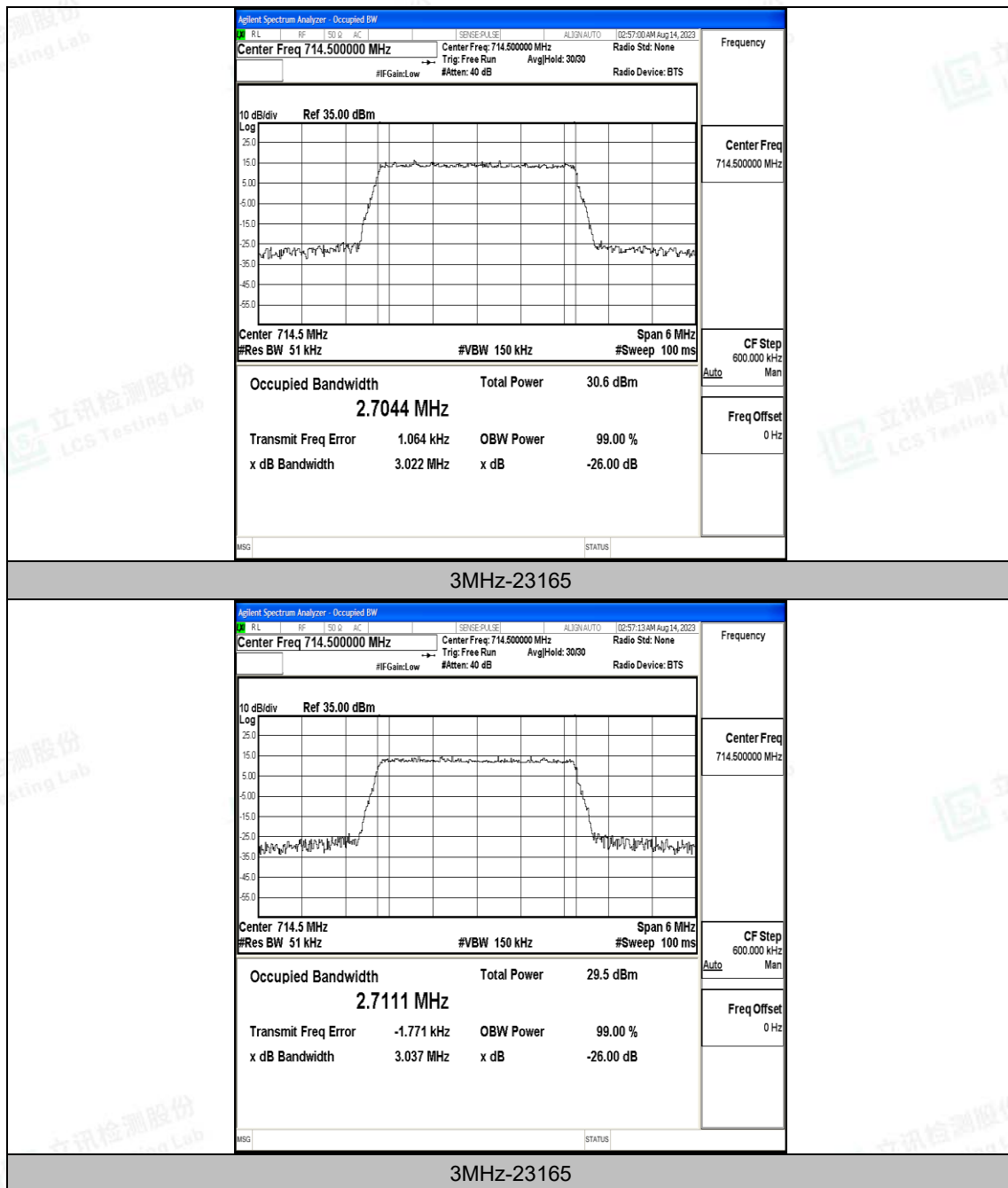


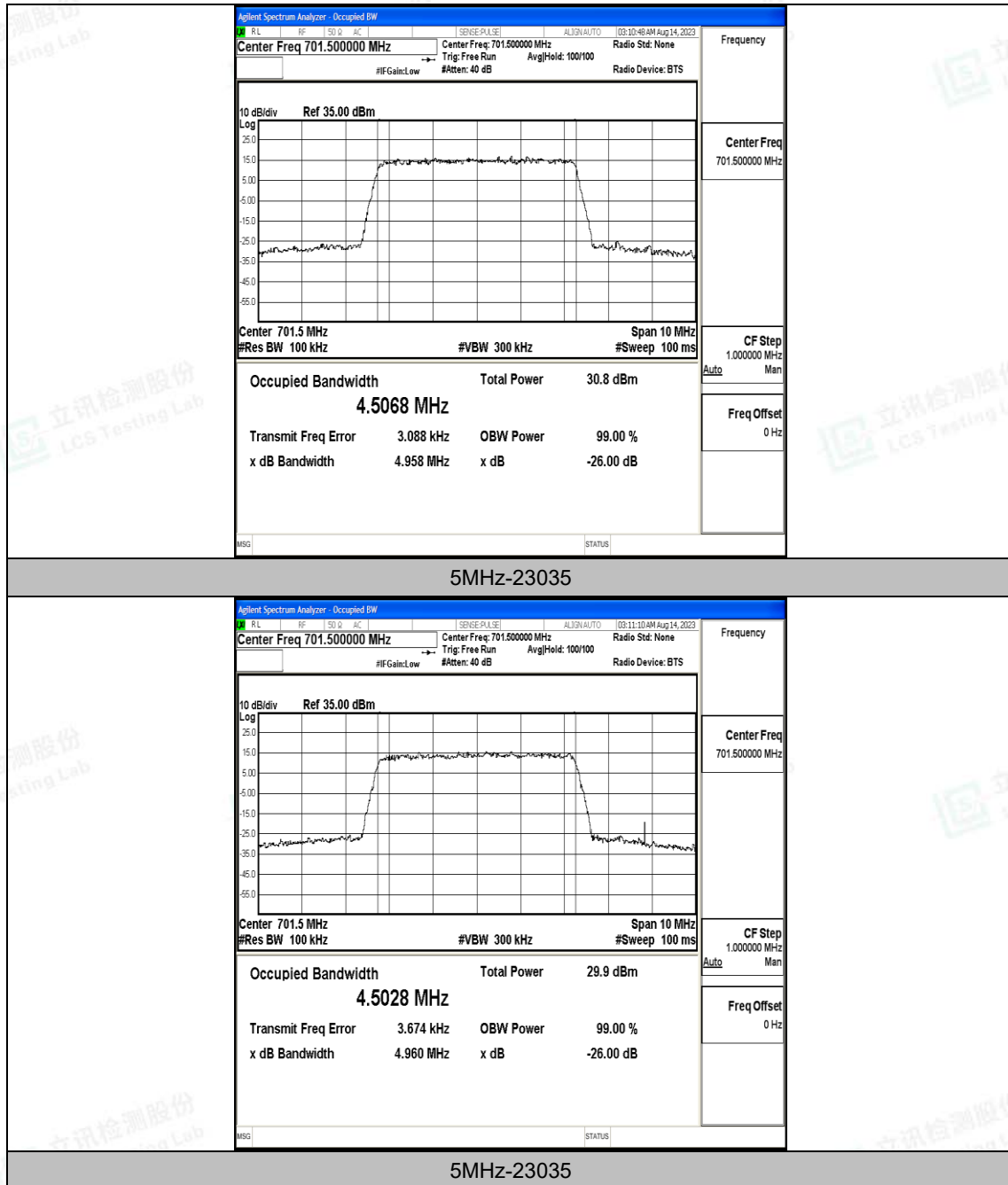


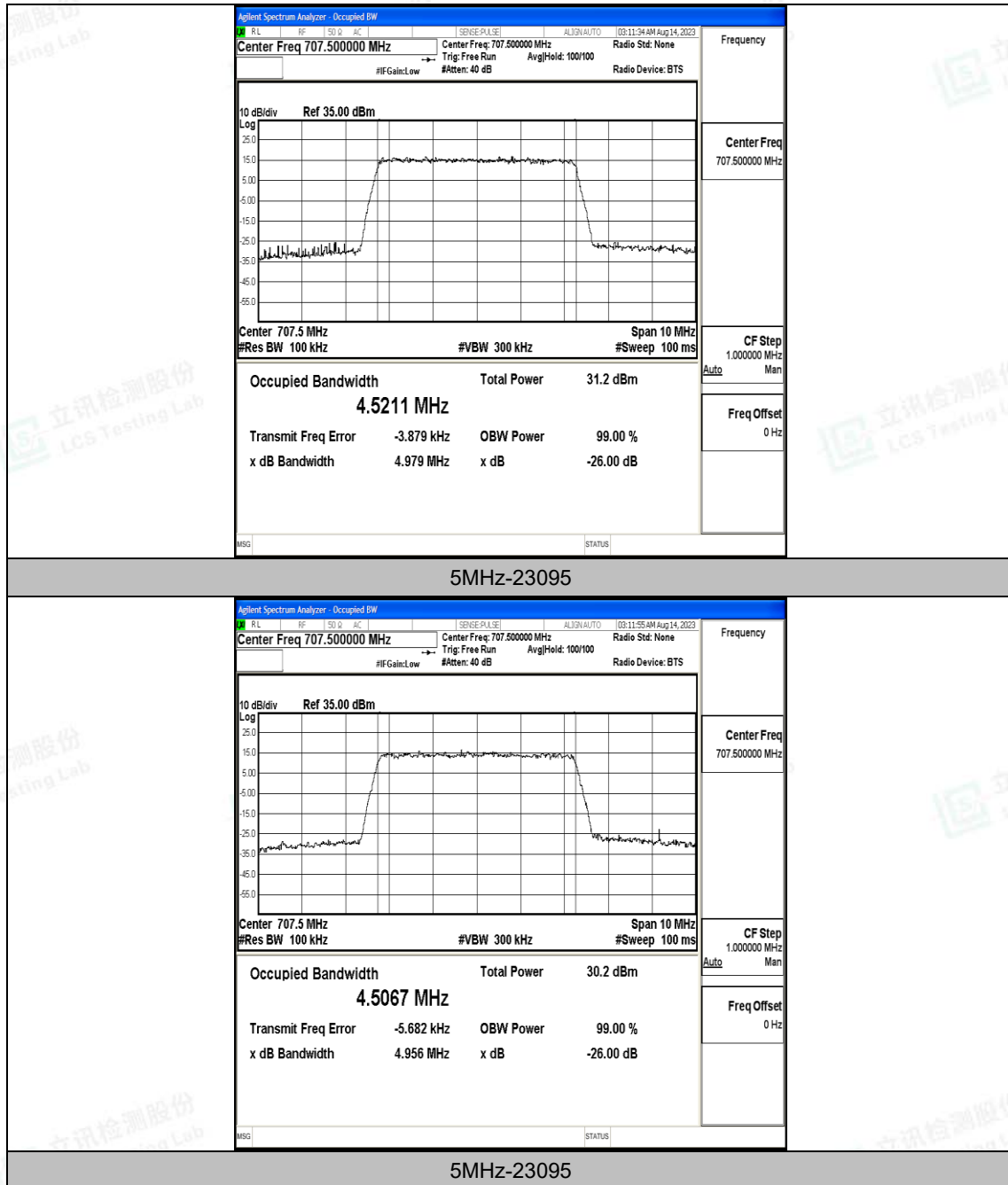


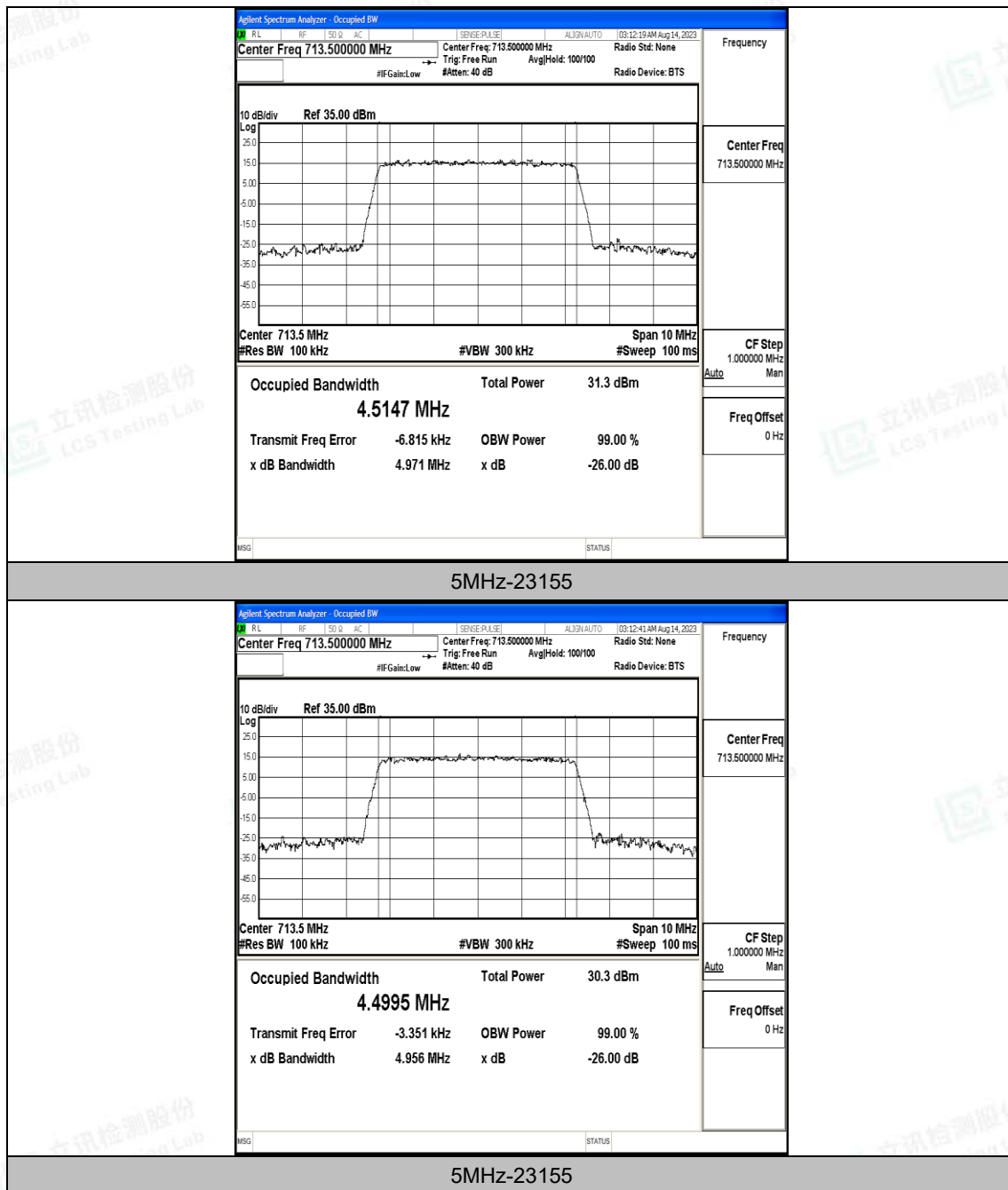










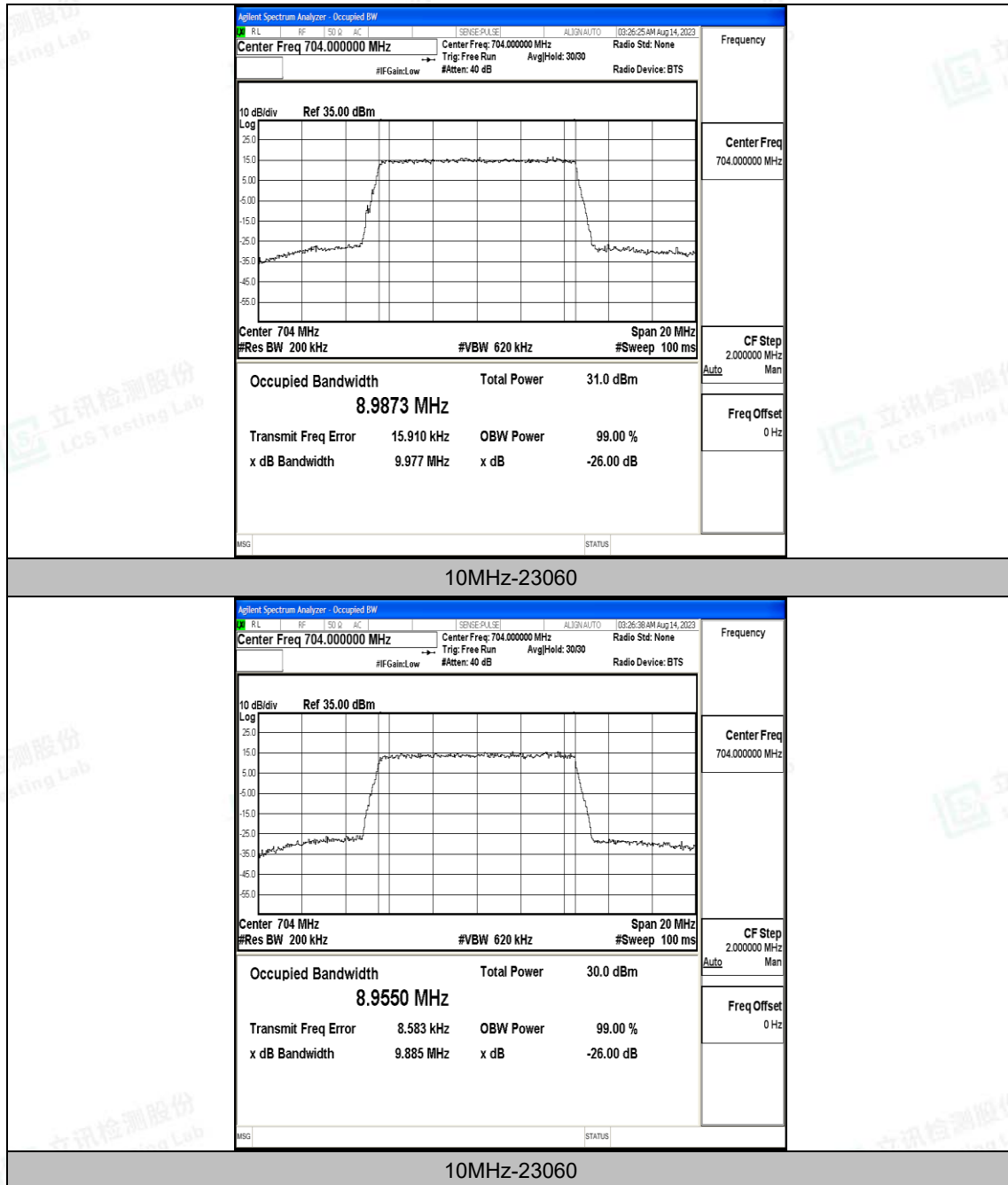


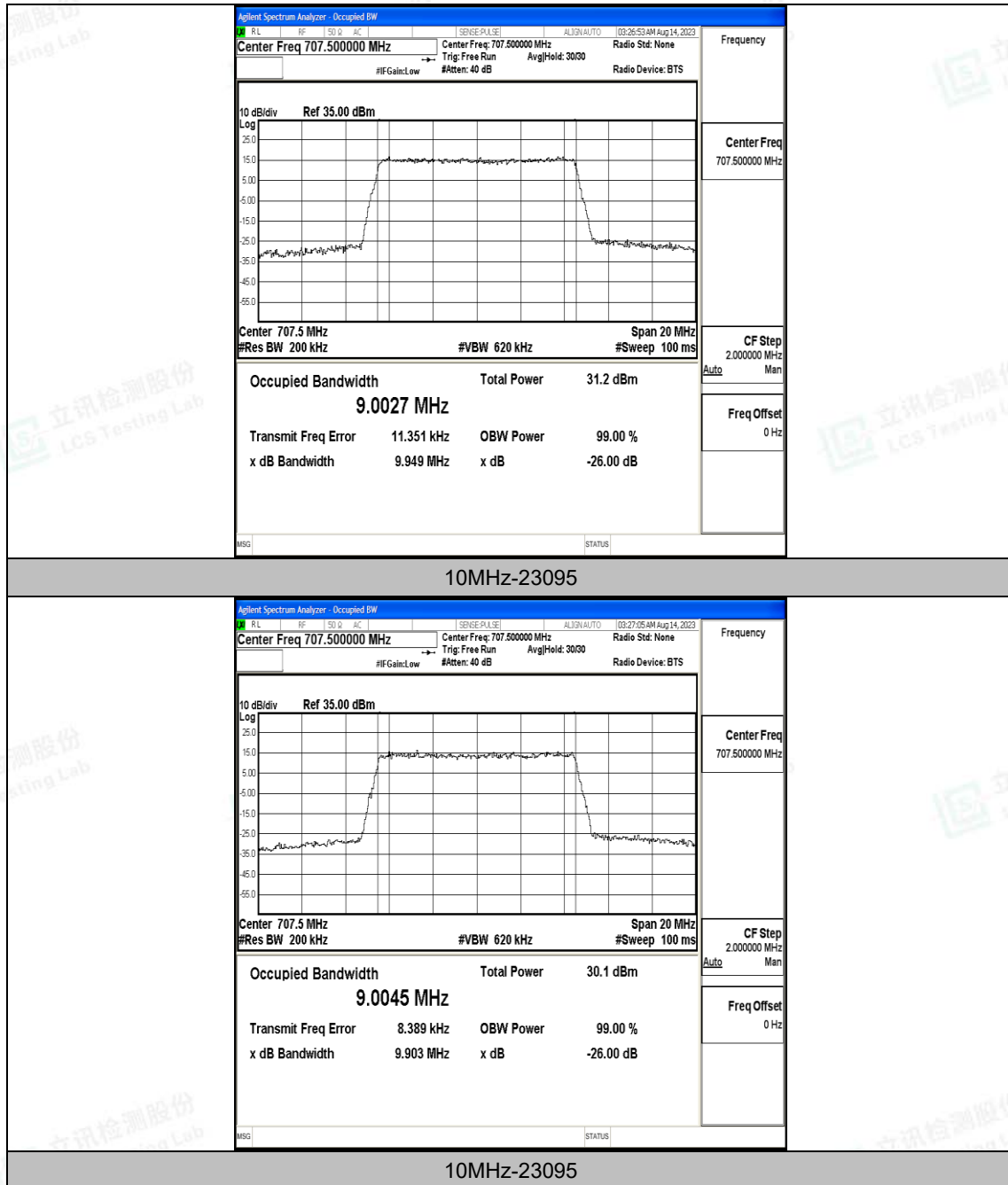
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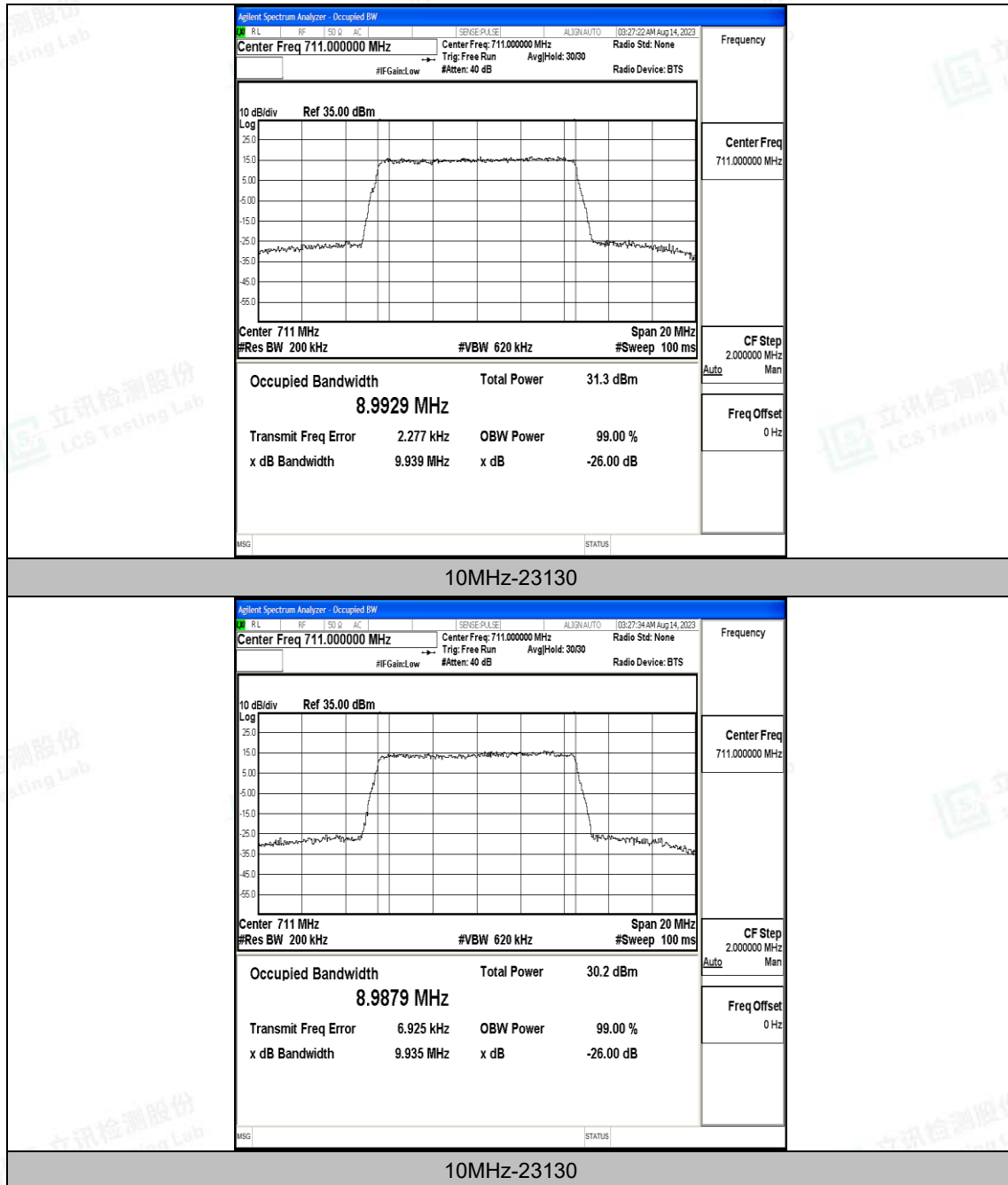
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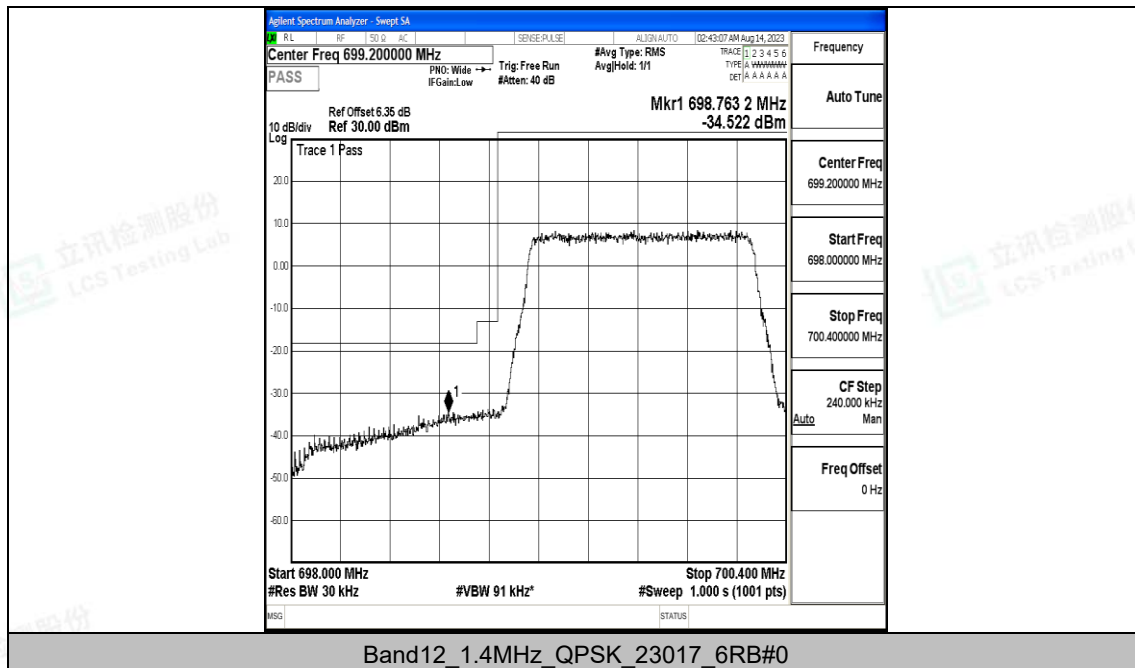


I.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	698.76	-34.52	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	698.77	-34.49	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	716.10	-31.42	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	716.19	-31.91	PASS
Band12	3MHz	QPSK	23025	15RB#0	699.00	-25.17	PASS
Band12	3MHz	16QAM	23025	15RB#0	699.00	-27.06	PASS
Band12	3MHz	QPSK	23165	15RB#0	716.00	-23.89	PASS
Band12	3MHz	16QAM	23165	15RB#0	716.00	-26.01	PASS
Band12	5MHz	QPSK	23035	25RB#0	699.00	-34.52	PASS
Band12	5MHz	16QAM	23035	25RB#0	698.99	-35.46	PASS
Band12	5MHz	QPSK	23155	25RB#0	716.01	-34.70	PASS
Band12	5MHz	16QAM	23155	25RB#0	716.01	-35.39	PASS
Band12	10MHz	QPSK	23060	50RB#0	698.87	-43.71	PASS
Band12	10MHz	16QAM	23060	50RB#0	698.69	-43.45	PASS
Band12	10MHz	QPSK	23130	50RB#0	716.11	-42.51	PASS
Band12	10MHz	16QAM	23130	50RB#0	716.16	-43.50	PASS

Test Graphs

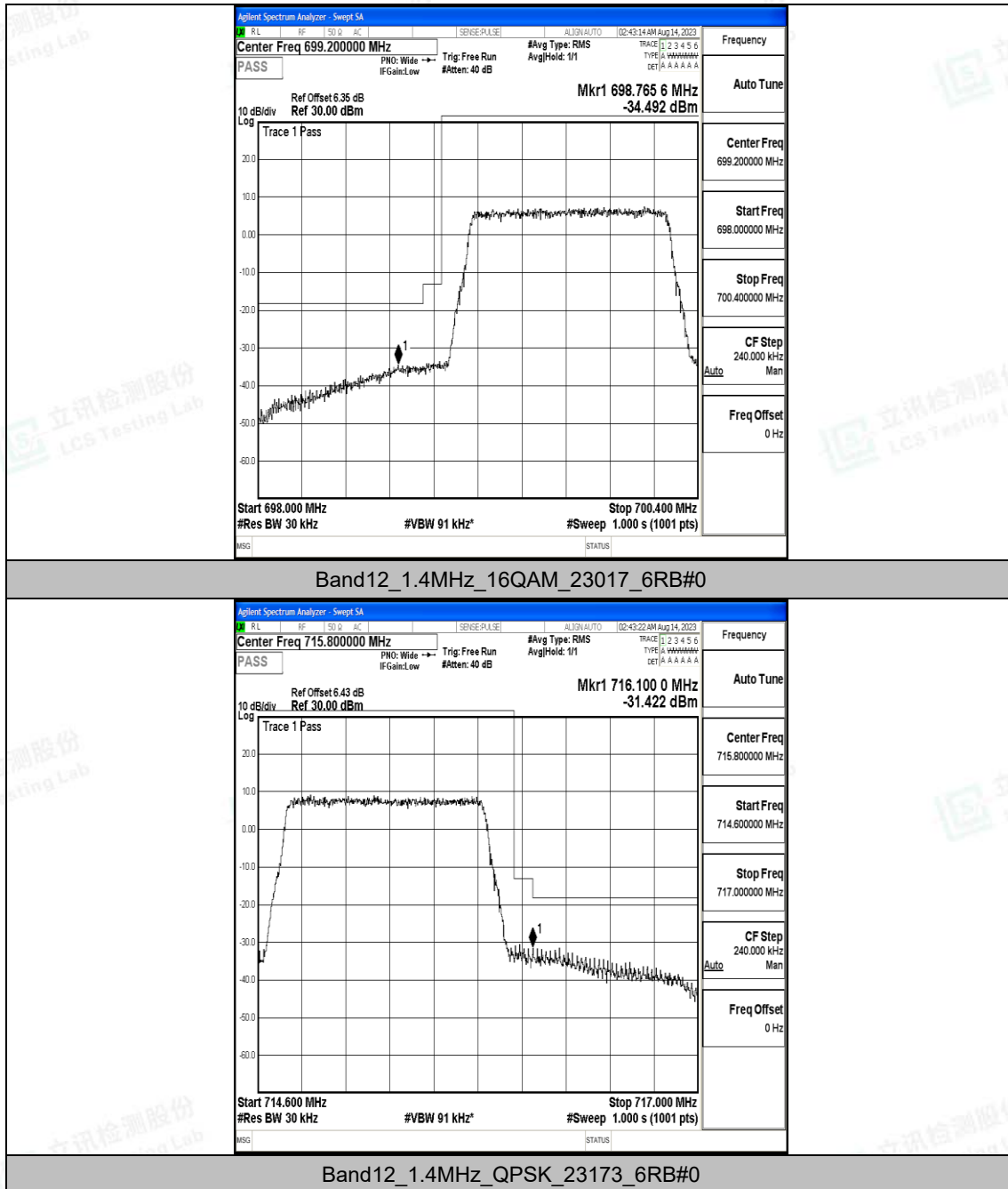


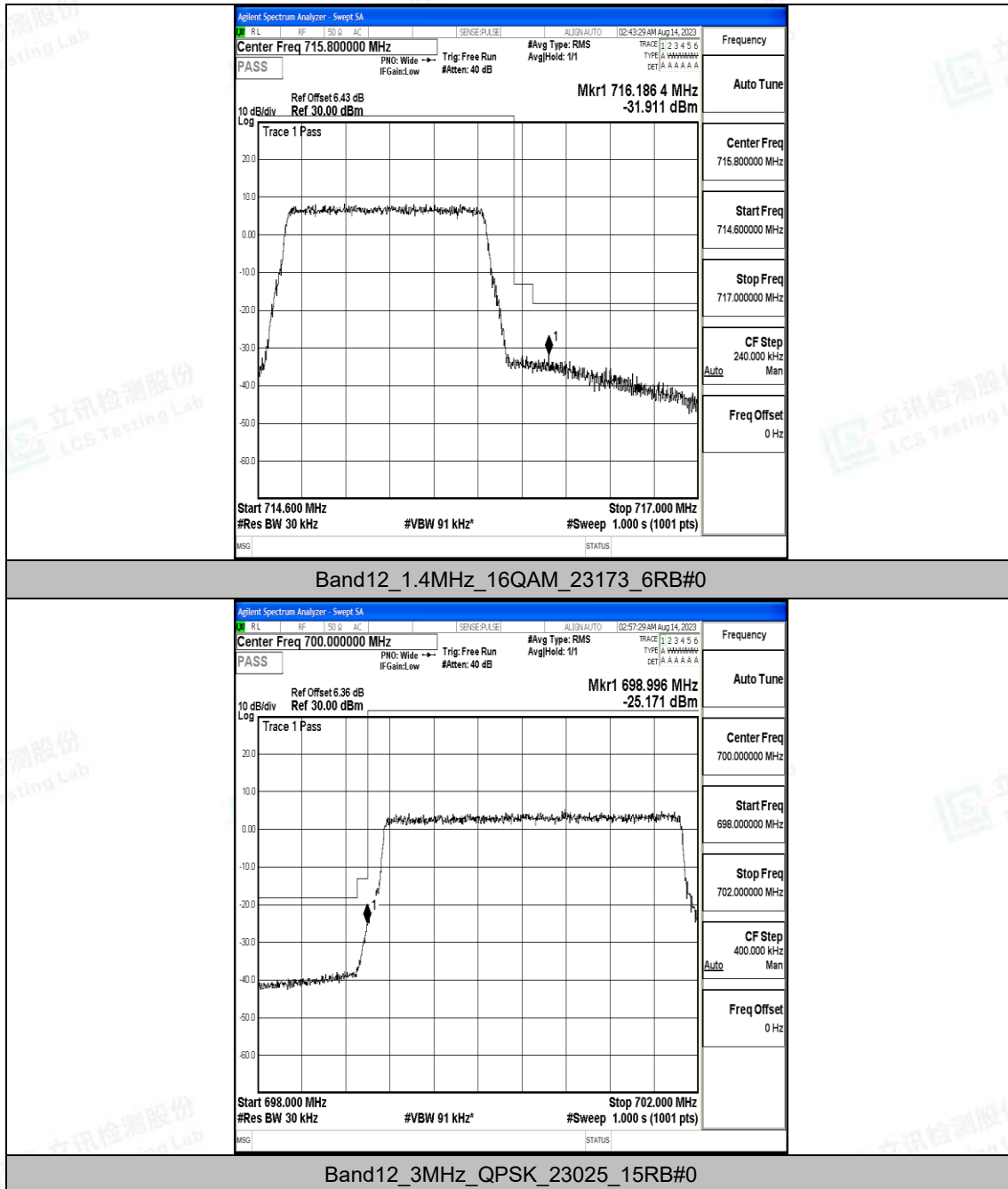
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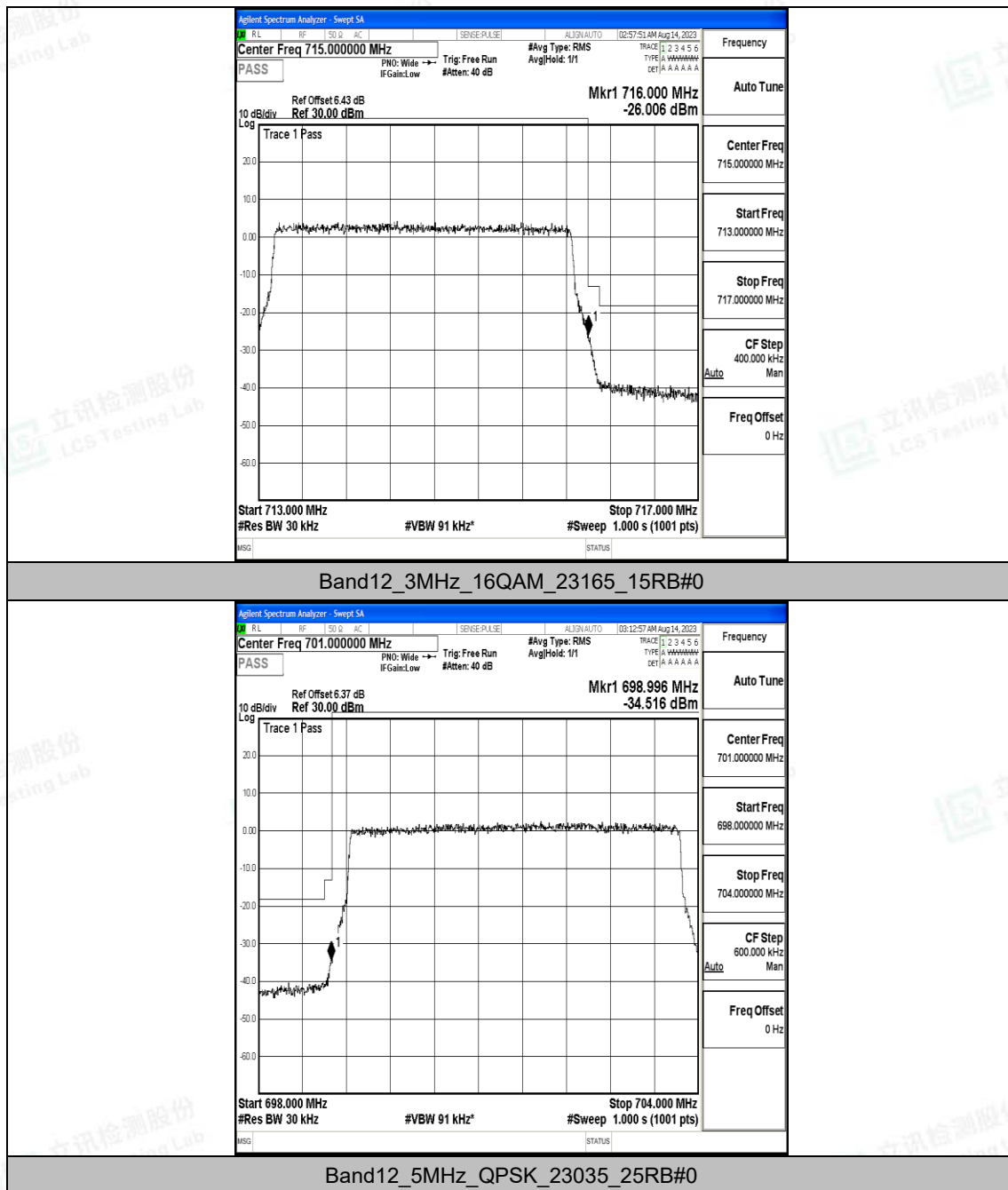
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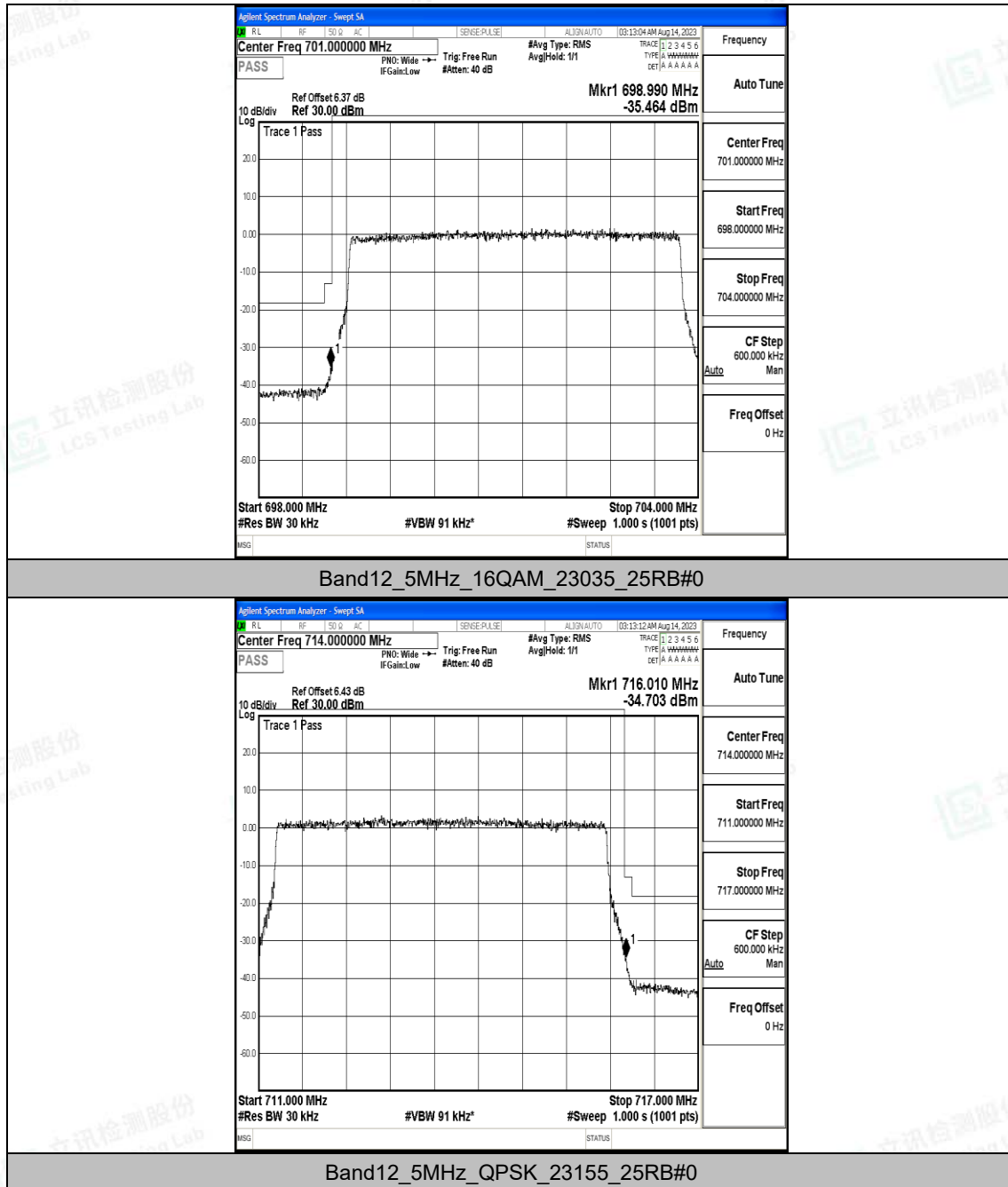
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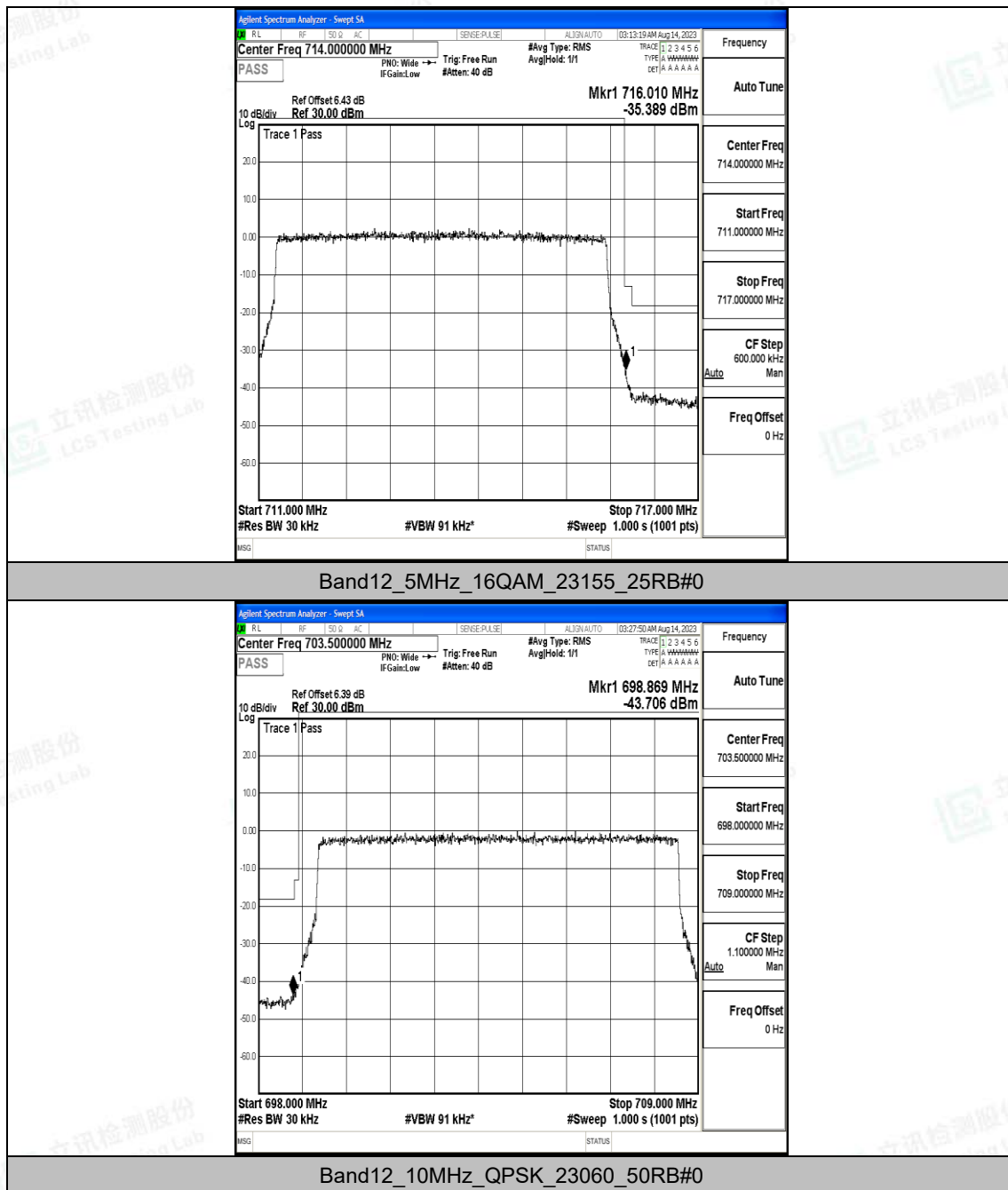


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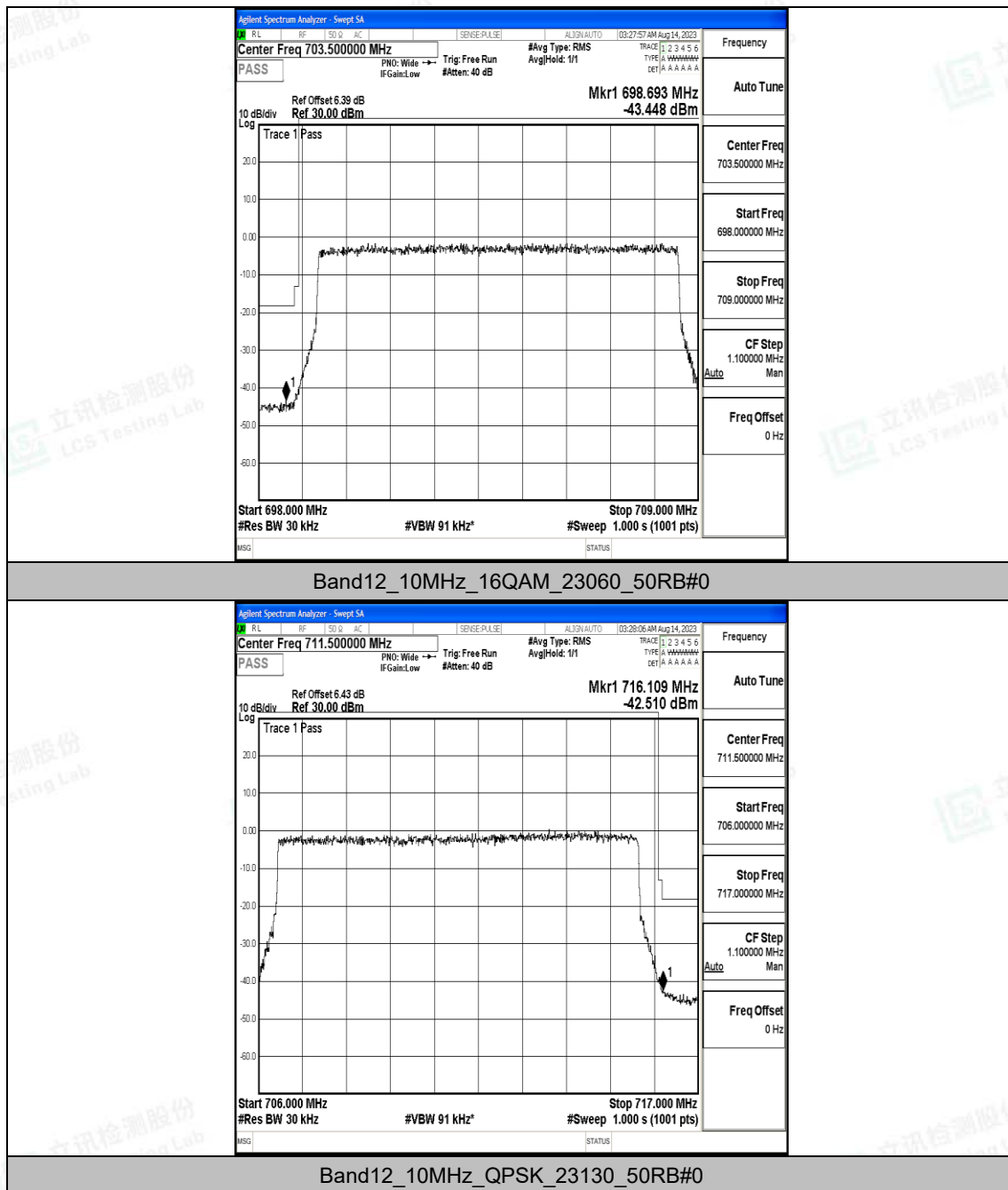


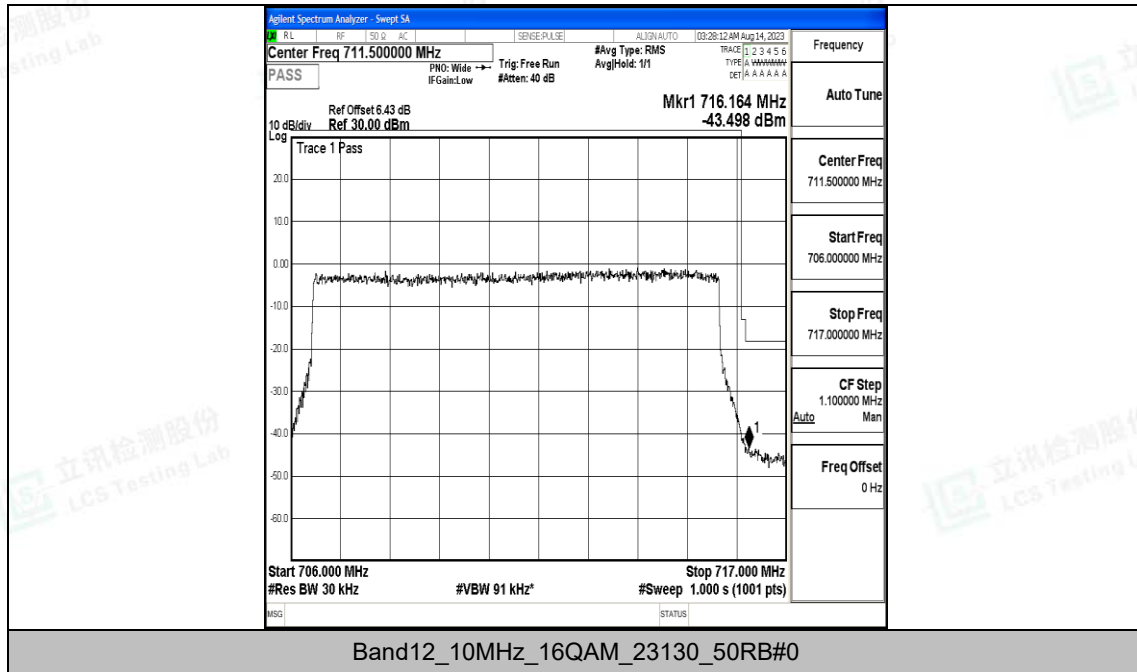
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I.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	0.009~0.15	-56.34	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	0.15~30	-52.80	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	30~1000	-60.53	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	1000~3000	-43.70	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	3000~10000	-42.44	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.009~0.15	-55.69	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.15~30	-51.62	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	30~1000	-59.68	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	1000~3000	-44.95	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	3000~10000	-42.32	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.009~0.15	-55.46	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.15~30	-52.87	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	30~1000	-59.19	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	1000~3000	-43.78	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3000~10000	-42.25	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.009~0.15	-55.64	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.15~30	-55.33	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	30~1000	-59.48	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	1000~3000	-43.03	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	3000~10000	-41.56	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.009~0.15	-55.67	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.15~30	-53.12	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	30~1000	-60.21	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	1000~3000	-38.69	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3000~10000	-42.56	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.009~0.15	-55.41	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.15~30	-54.09	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	30~1000	-59.24	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	1000~3000	-40.20	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	3000~10000	-42.85	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.009~0.15	-55.31	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.15~30	-53.36	PASS
Band12	3MHz	QPSK	23025	1RB#0	30~1000	-59.82	PASS
Band12	3MHz	QPSK	23025	1RB#0	1000~3000	-44.44	PASS
Band12	3MHz	QPSK	23025	1RB#0	3000~10000	-42.26	PASS



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Band12	3MHz	16QAM	23025	1RB#0	0.009~0.15	-54.46	PASS
Band12	3MHz	16QAM	23025	1RB#0	0.15~30	-52.48	PASS
Band12	3MHz	16QAM	23025	1RB#0	30~1000	-61.47	PASS
Band12	3MHz	16QAM	23025	1RB#0	1000~3000	-45.12	PASS
Band12	3MHz	16QAM	23025	1RB#0	3000~10000	-42.91	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.009~0.15	-54.22	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.15~30	-53.19	PASS
Band12	3MHz	QPSK	23095	1RB#0	30~1000	-58.82	PASS
Band12	3MHz	QPSK	23095	1RB#0	1000~3000	-41.00	PASS
Band12	3MHz	QPSK	23095	1RB#0	3000~10000	-41.94	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.009~0.15	-56.12	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.15~30	-52.28	PASS
Band12	3MHz	16QAM	23095	1RB#0	30~1000	-60.97	PASS
Band12	3MHz	16QAM	23095	1RB#0	1000~3000	-43.01	PASS
Band12	3MHz	16QAM	23095	1RB#0	3000~10000	-42.38	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.009~0.15	-54.95	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.15~30	-51.76	PASS
Band12	3MHz	QPSK	23165	1RB#0	30~1000	-60.73	PASS
Band12	3MHz	QPSK	23165	1RB#0	1000~3000	-40.08	PASS
Band12	3MHz	QPSK	23165	1RB#0	3000~10000	-42.36	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.009~0.15	-56.12	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.15~30	-53.18	PASS
Band12	3MHz	16QAM	23165	1RB#0	30~1000	-60.35	PASS
Band12	3MHz	16QAM	23165	1RB#0	1000~3000	-41.21	PASS
Band12	3MHz	16QAM	23165	1RB#0	3000~10000	-42.48	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.009~0.15	-55.54	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.15~30	-52.85	PASS
Band12	5MHz	QPSK	23035	1RB#0	30~1000	-61.30	PASS
Band12	5MHz	QPSK	23035	1RB#0	1000~3000	-42.43	PASS
Band12	5MHz	QPSK	23035	1RB#0	3000~10000	-42.30	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.009~0.15	-58.98	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.15~30	-52.74	PASS
Band12	5MHz	16QAM	23035	1RB#0	30~1000	-62.53	PASS
Band12	5MHz	16QAM	23035	1RB#0	1000~3000	-44.90	PASS
Band12	5MHz	16QAM	23035	1RB#0	3000~10000	-43.75	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.009~0.15	-55.41	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.15~30	-53.74	PASS
Band12	5MHz	QPSK	23095	1RB#0	30~1000	-62.31	PASS
Band12	5MHz	QPSK	23095	1RB#0	1000~3000	-42.41	PASS
Band12	5MHz	QPSK	23095	1RB#0	3000~10000	-42.42	PASS



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Band12	5MHz	16QAM	23095	1RB#0	0.009~0.15	-57.94	PASS
Band12	5MHz	16QAM	23095	1RB#0	0.15~30	-53.85	PASS
Band12	5MHz	16QAM	23095	1RB#0	30~1000	-62.04	PASS
Band12	5MHz	16QAM	23095	1RB#0	1000~3000	-43.68	PASS
Band12	5MHz	16QAM	23095	1RB#0	3000~10000	-43.87	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.009~0.15	-53.92	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.15~30	-54.57	PASS
Band12	5MHz	QPSK	23155	1RB#0	30~1000	-62.32	PASS
Band12	5MHz	QPSK	23155	1RB#0	1000~3000	-40.21	PASS
Band12	5MHz	QPSK	23155	1RB#0	3000~10000	-41.61	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.009~0.15	-57.75	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.15~30	-53.54	PASS
Band12	5MHz	16QAM	23155	1RB#0	30~1000	-62.91	PASS
Band12	5MHz	16QAM	23155	1RB#0	1000~3000	-41.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	3000~10000	-44.09	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.009~0.15	-54.13	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.15~30	-52.96	PASS
Band12	10MHz	QPSK	23060	1RB#0	30~1000	-62.70	PASS
Band12	10MHz	QPSK	23060	1RB#0	1000~3000	-43.91	PASS
Band12	10MHz	QPSK	23060	1RB#0	3000~10000	-40.11	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.009~0.15	-56.70	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.15~30	-53.31	PASS
Band12	10MHz	16QAM	23060	1RB#0	30~1000	-62.92	PASS
Band12	10MHz	16QAM	23060	1RB#0	1000~3000	-44.45	PASS
Band12	10MHz	16QAM	23060	1RB#0	3000~10000	-42.56	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.009~0.15	-52.66	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.15~30	-51.40	PASS
Band12	10MHz	QPSK	23095	1RB#0	30~1000	-62.83	PASS
Band12	10MHz	QPSK	23095	1RB#0	1000~3000	-41.95	PASS
Band12	10MHz	QPSK	23095	1RB#0	3000~10000	-42.42	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.009~0.15	-56.90	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.15~30	-51.43	PASS
Band12	10MHz	16QAM	23095	1RB#0	30~1000	-62.88	PASS
Band12	10MHz	16QAM	23095	1RB#0	1000~3000	-43.93	PASS
Band12	10MHz	16QAM	23095	1RB#0	3000~10000	-42.33	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.009~0.15	-52.22	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.15~30	-53.71	PASS
Band12	10MHz	QPSK	23130	1RB#0	30~1000	-62.78	PASS
Band12	10MHz	QPSK	23130	1RB#0	1000~3000	-41.53	PASS
Band12	10MHz	QPSK	23130	1RB#0	3000~10000	-42.86	PASS



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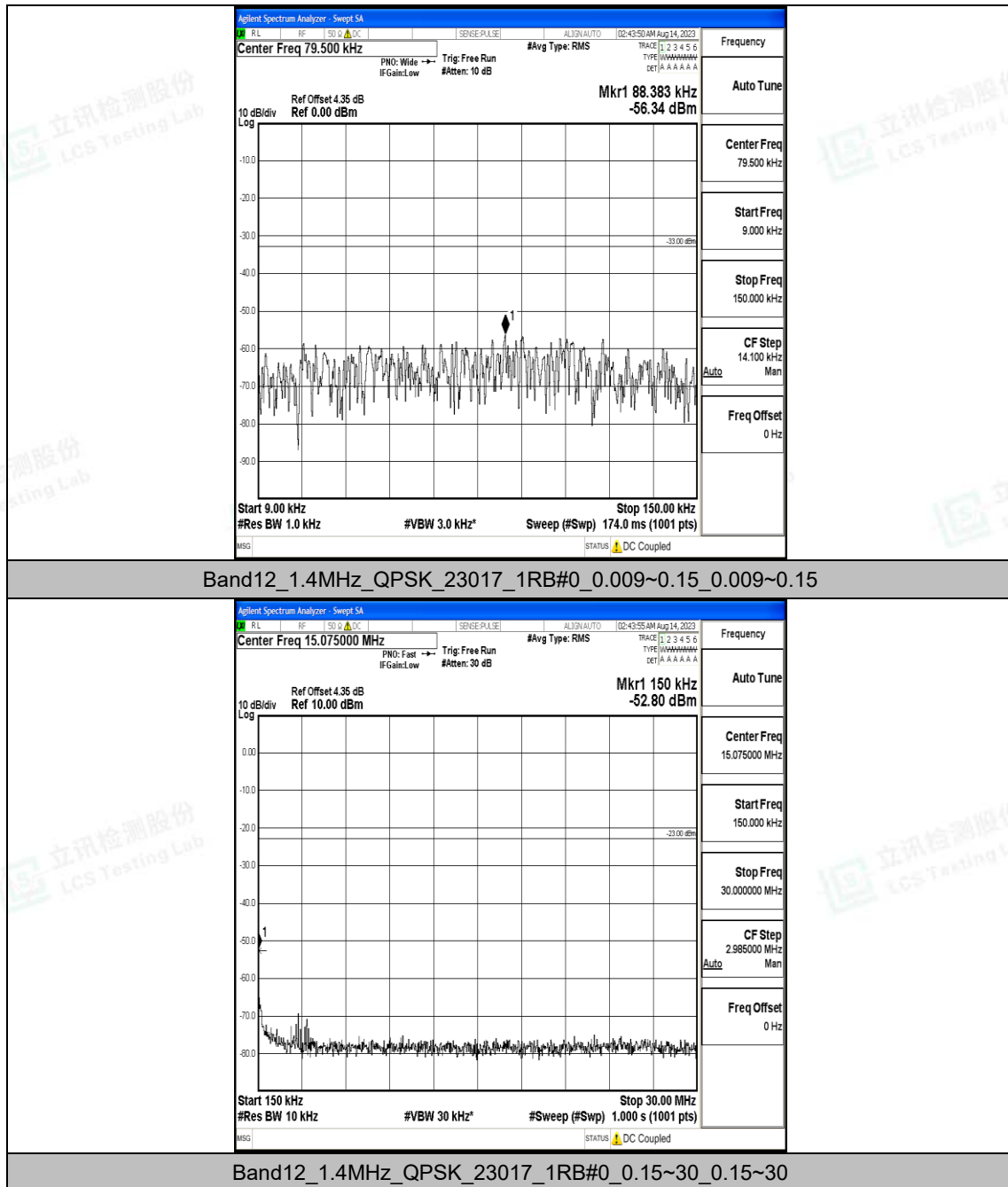
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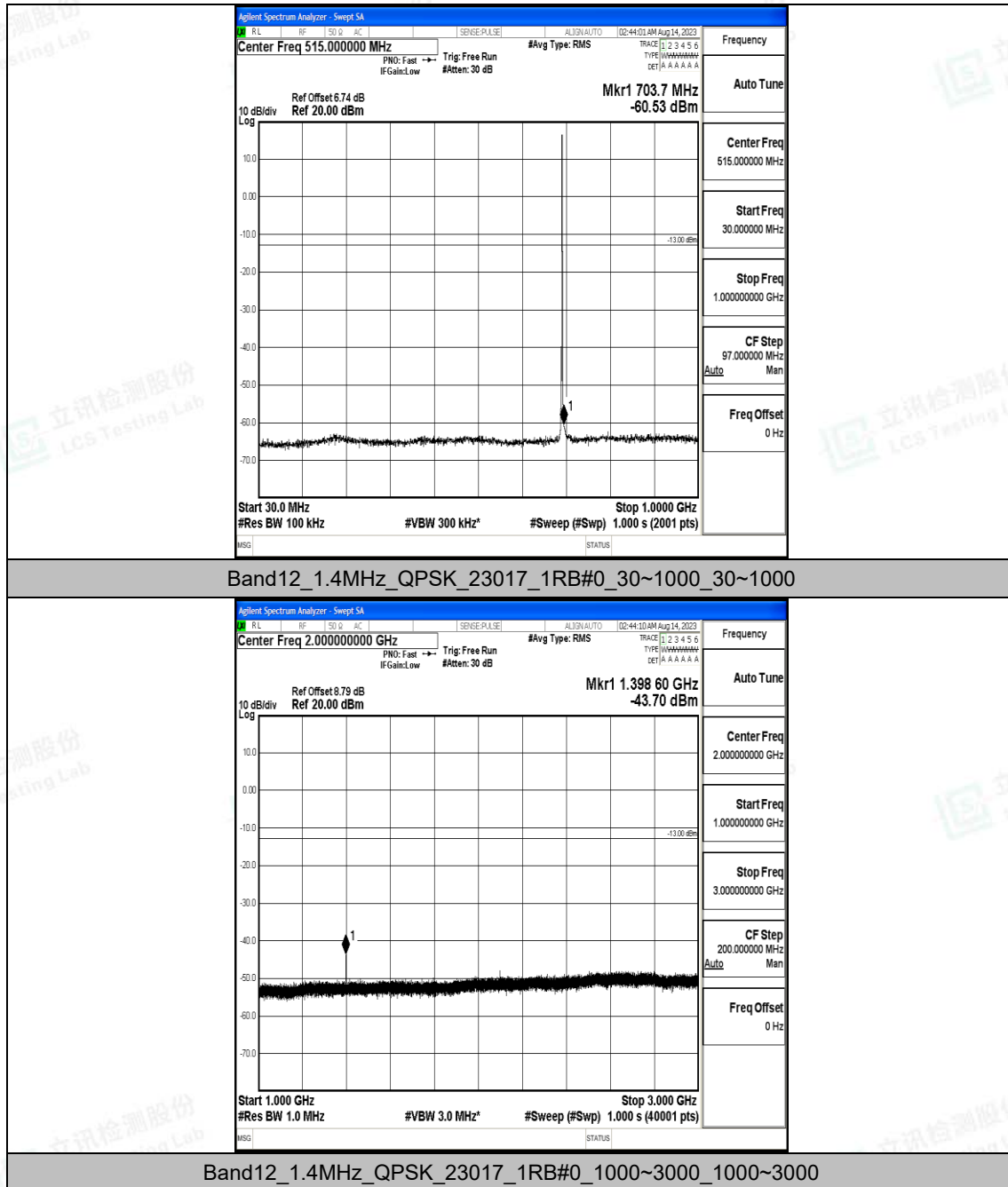
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Band12	10MHz	16QAM	23130	1RB#0	0.009~0.15	-57.93	PASS
Band12	10MHz	16QAM	23130	1RB#0	0.15~30	-53.75	PASS
Band12	10MHz	16QAM	23130	1RB#0	30~1000	-63.17	PASS
Band12	10MHz	16QAM	23130	1RB#0	1000~3000	-44.28	PASS
Band12	10MHz	16QAM	23130	1RB#0	3000~10000	-43.27	PASS

Test Graphs



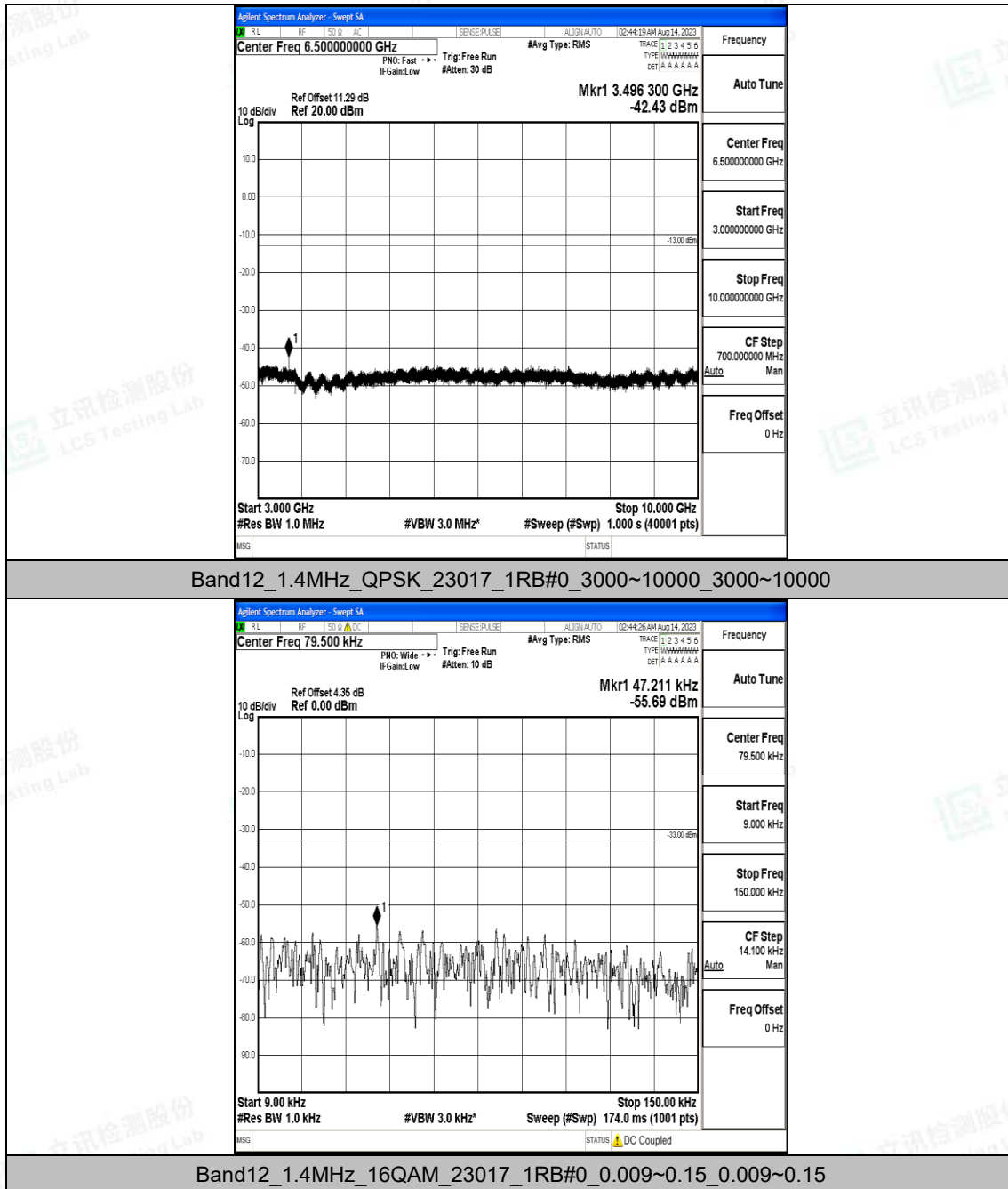


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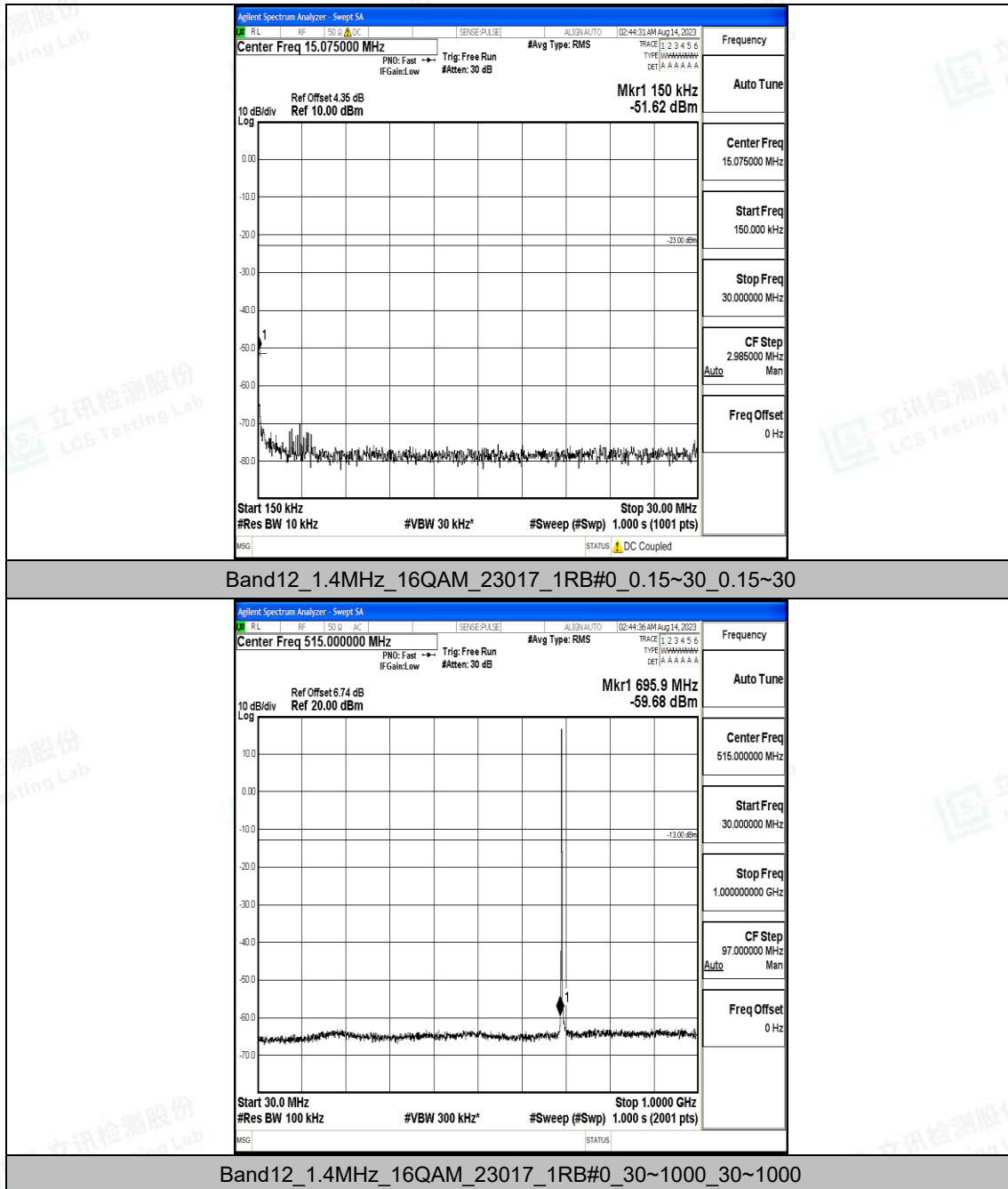


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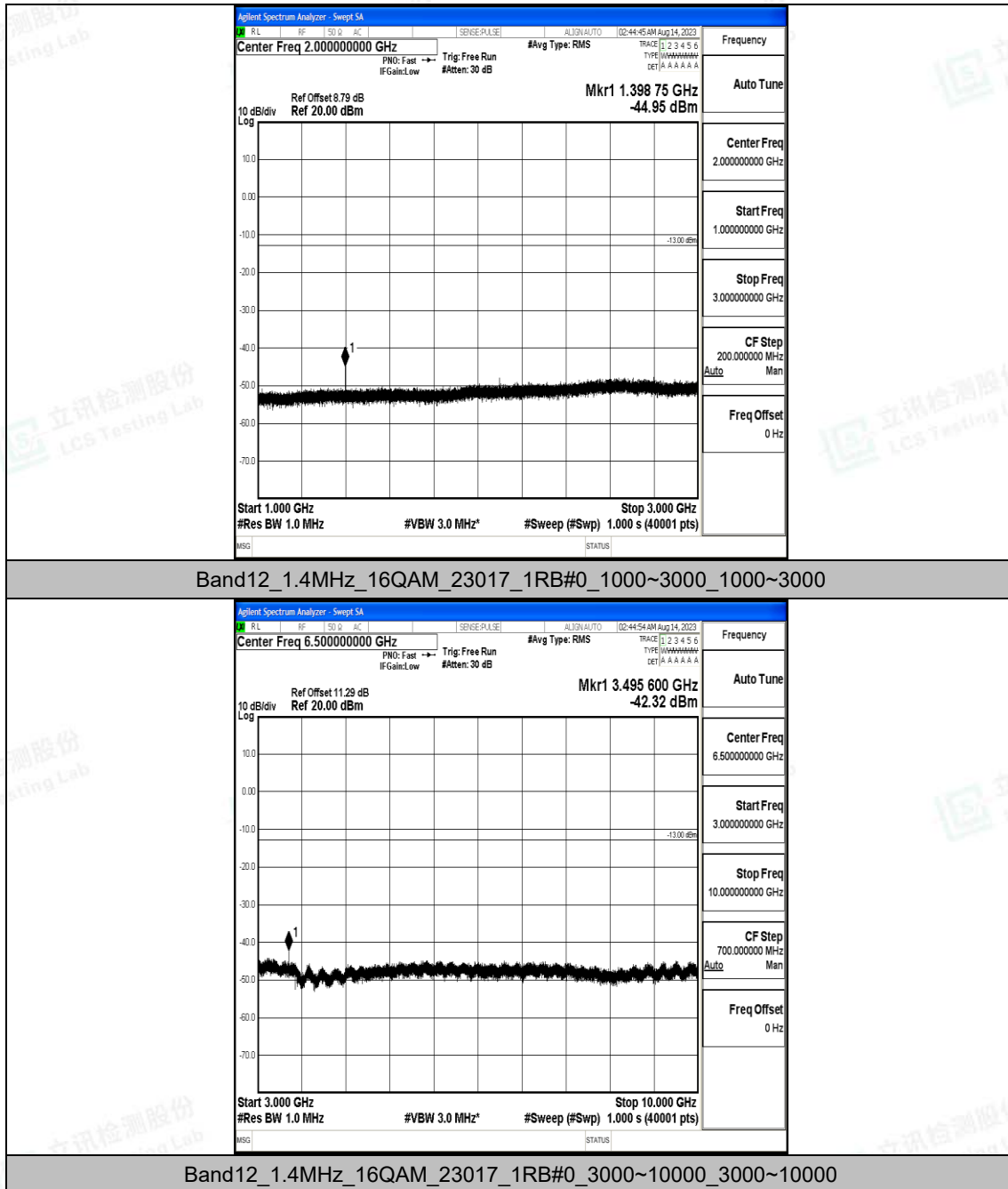


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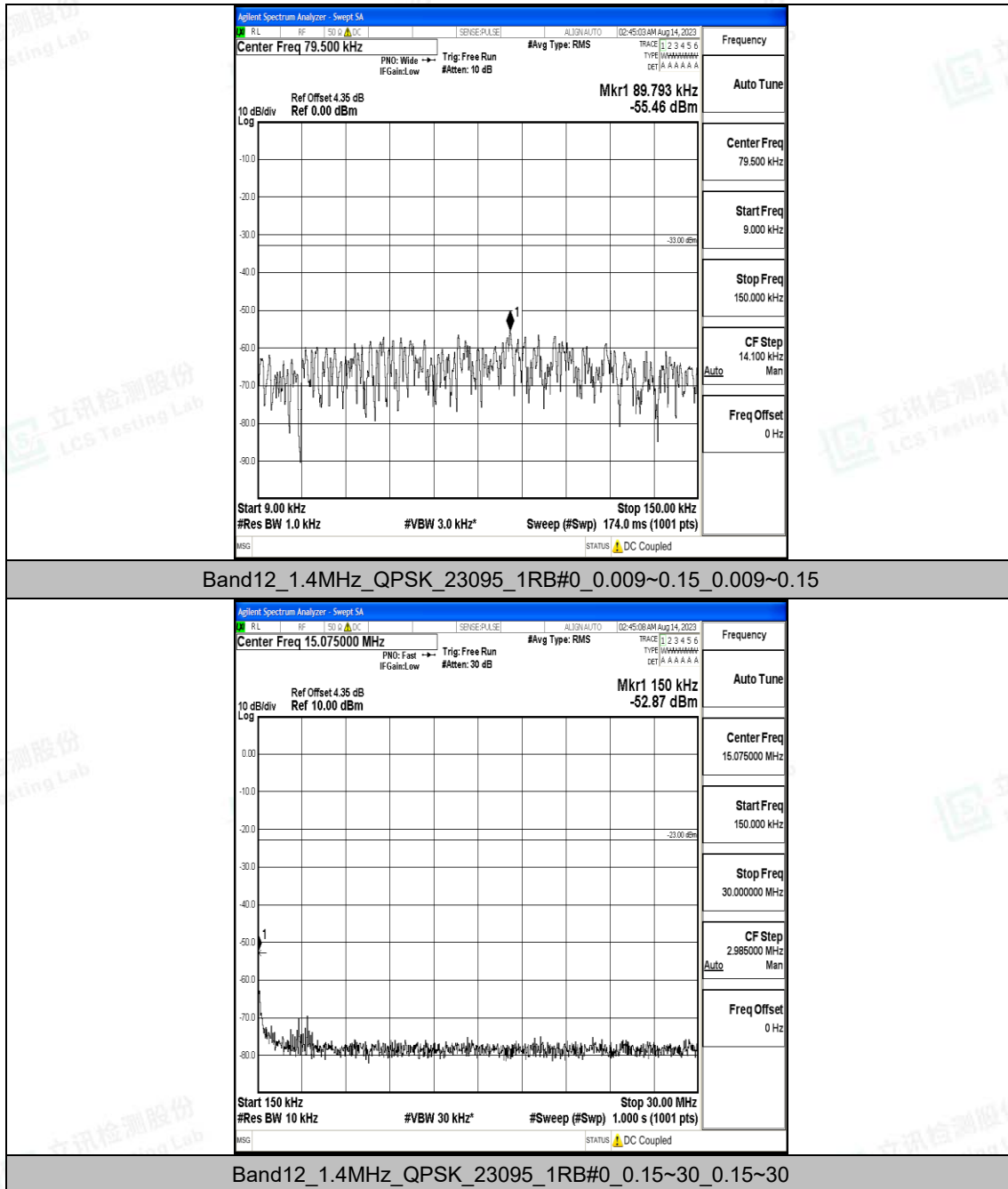


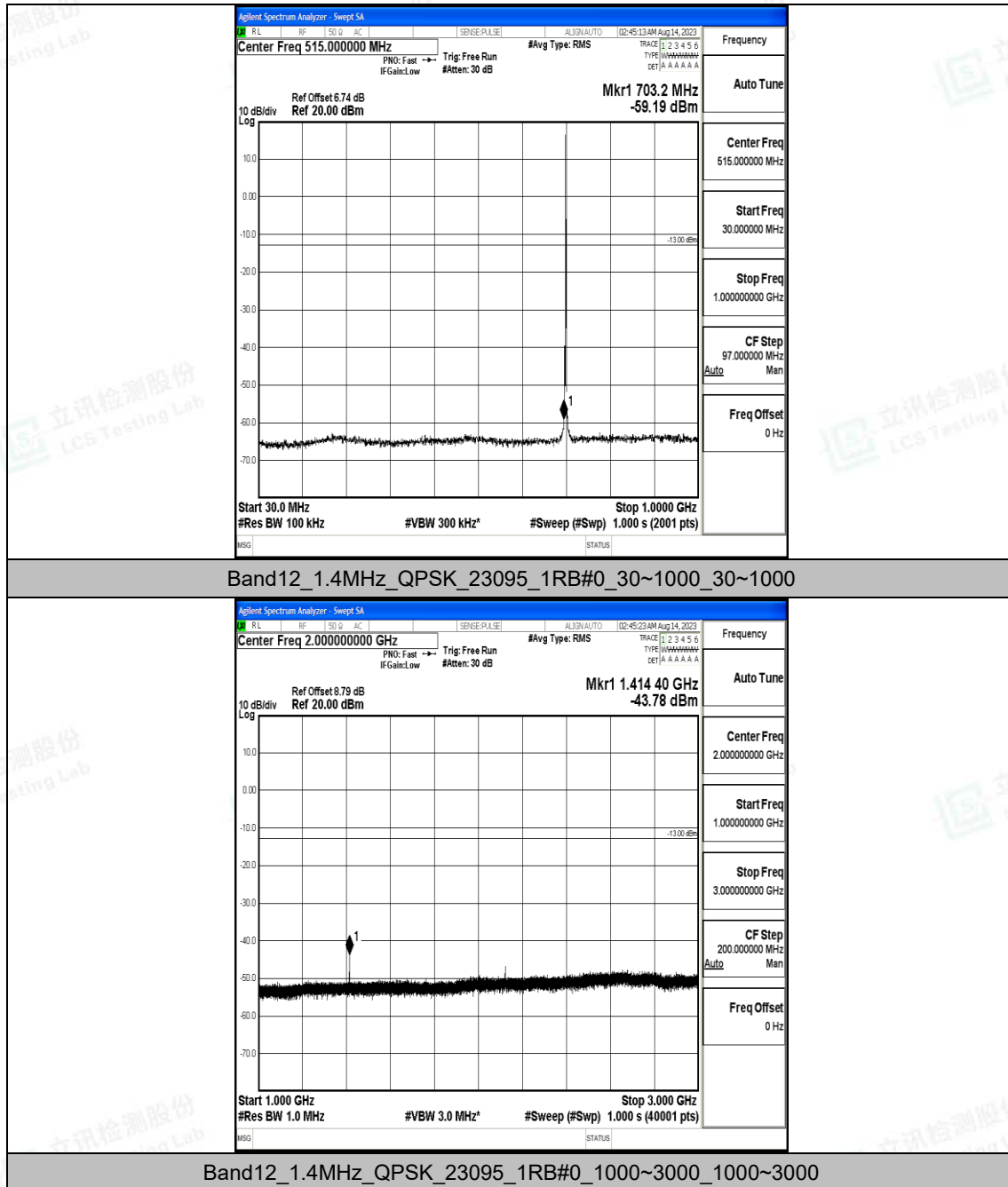
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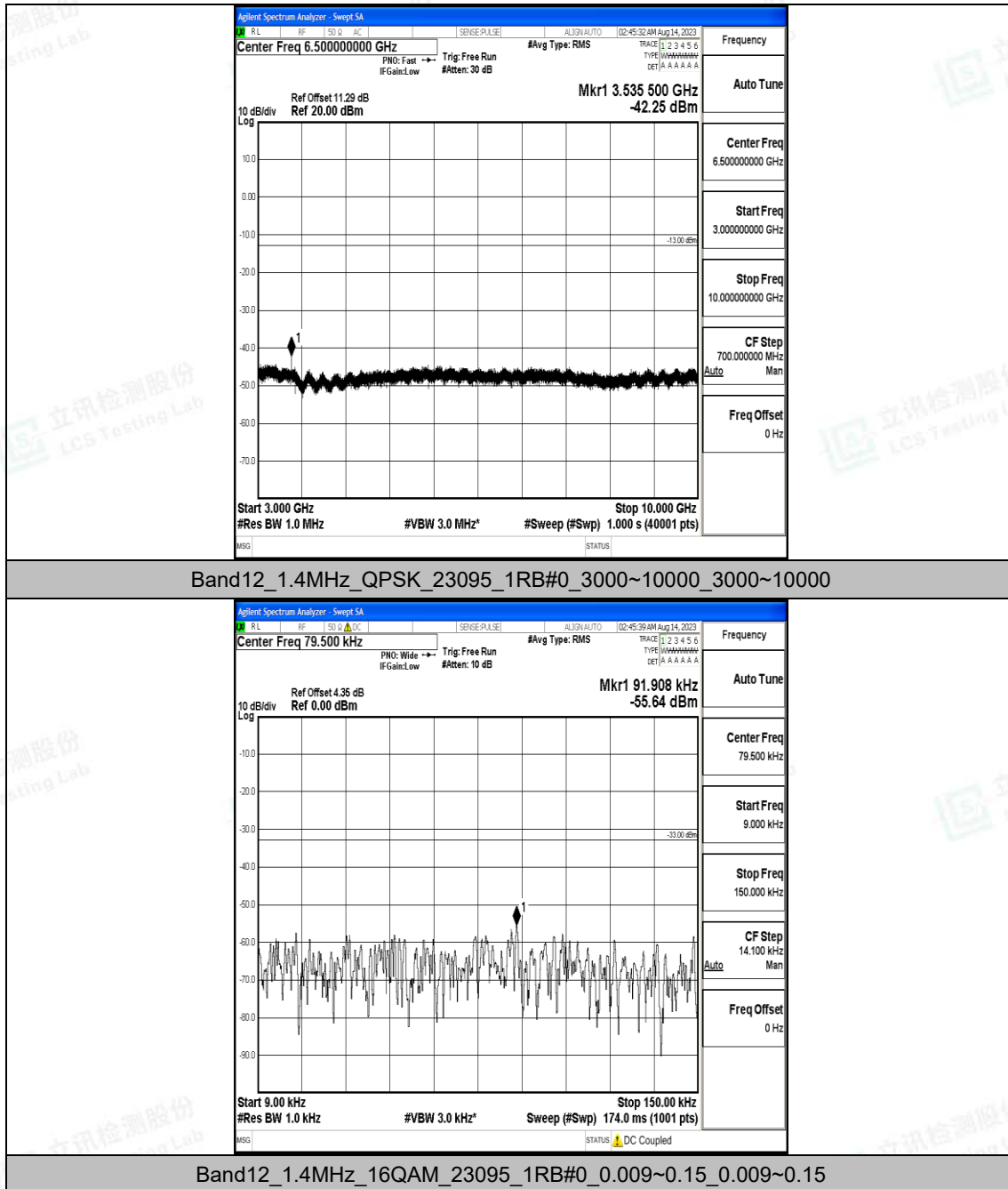


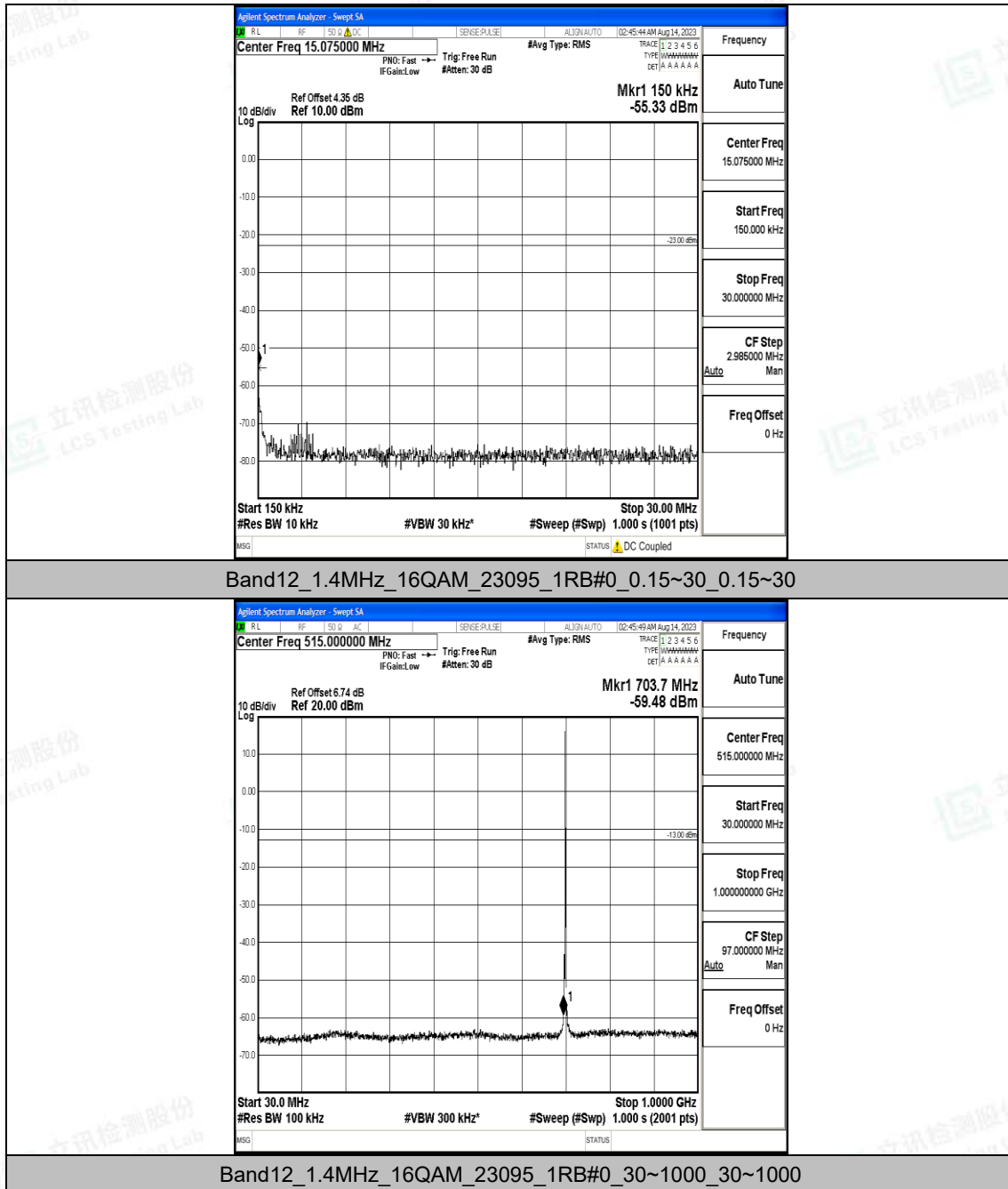
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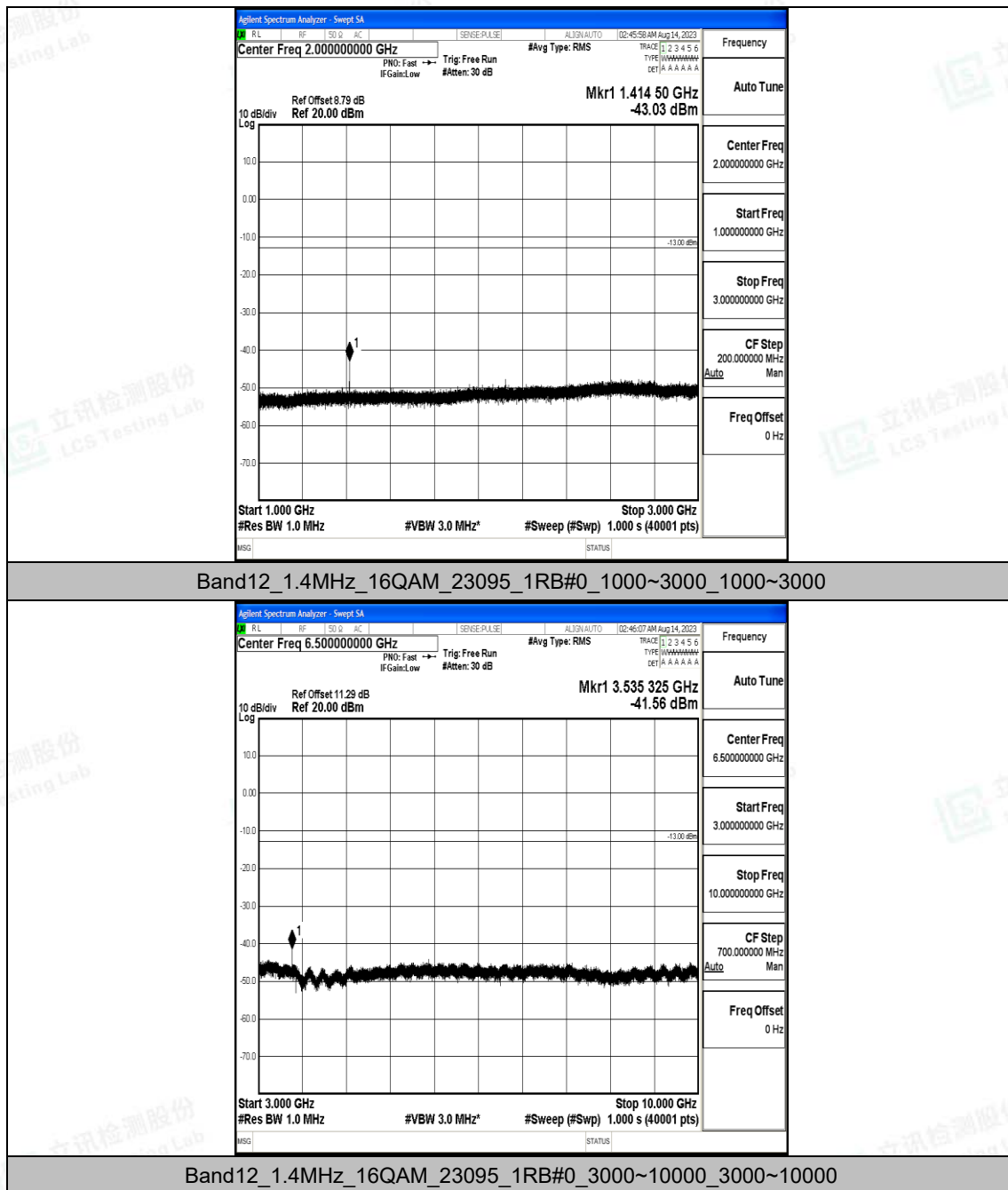


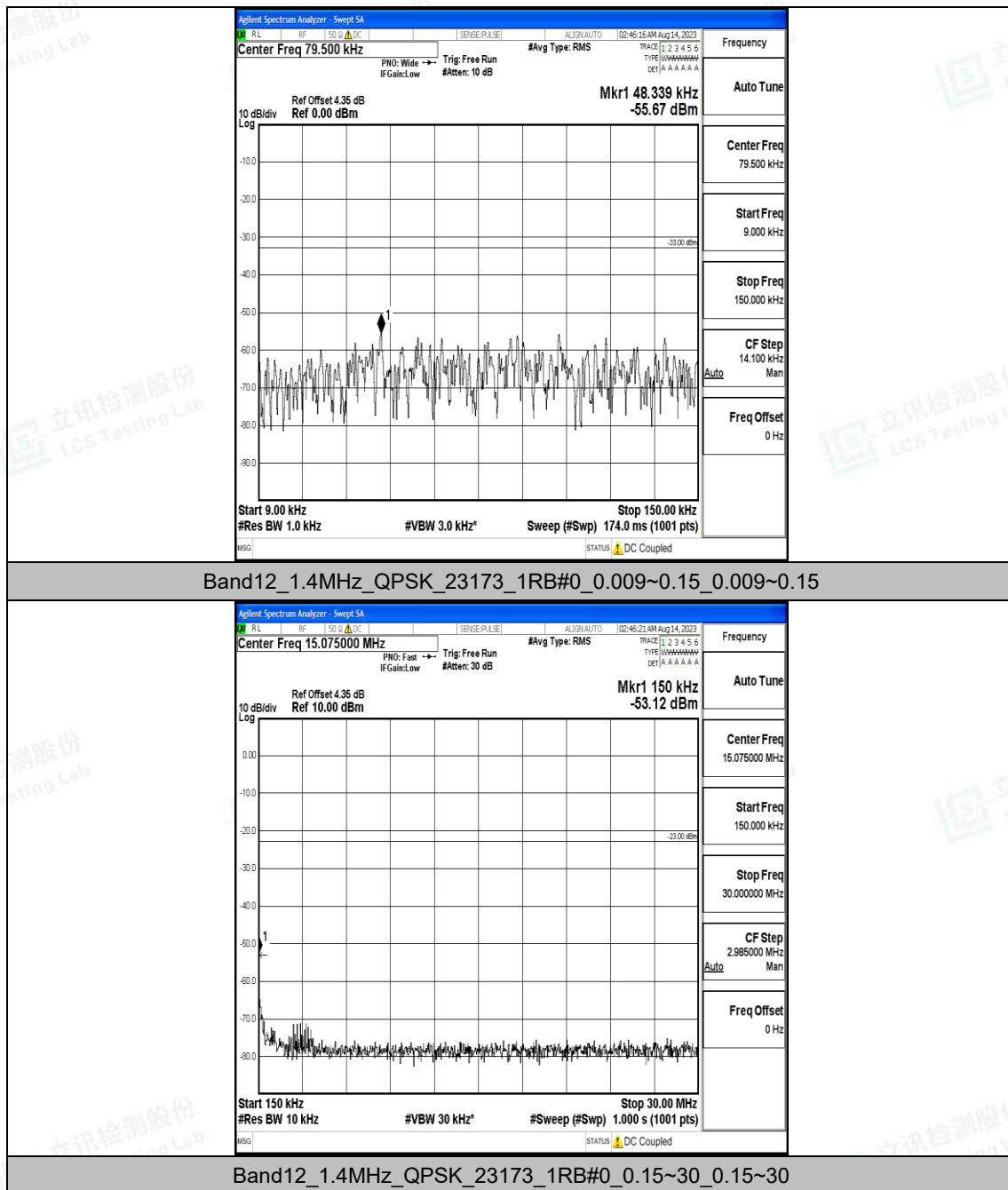
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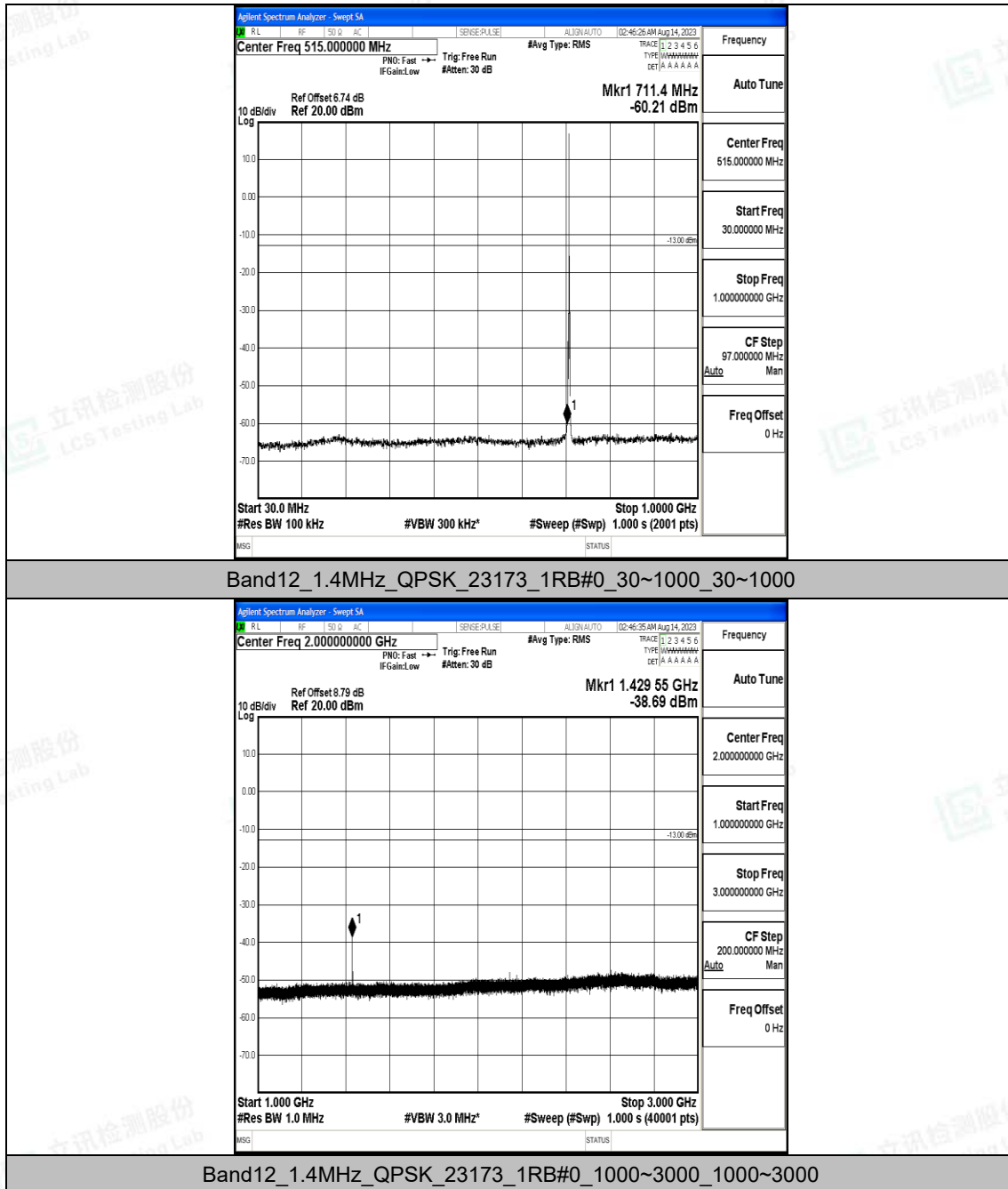
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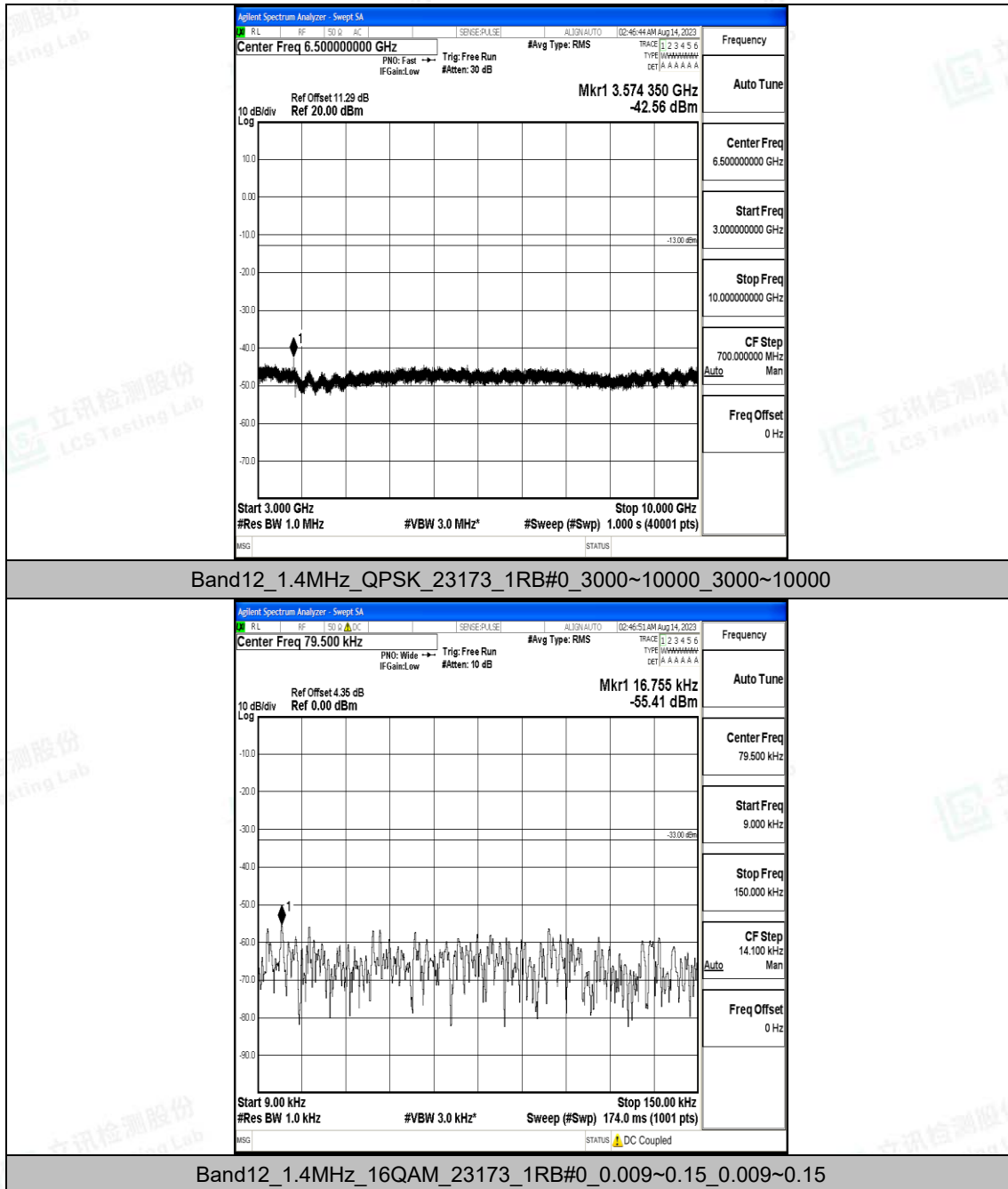


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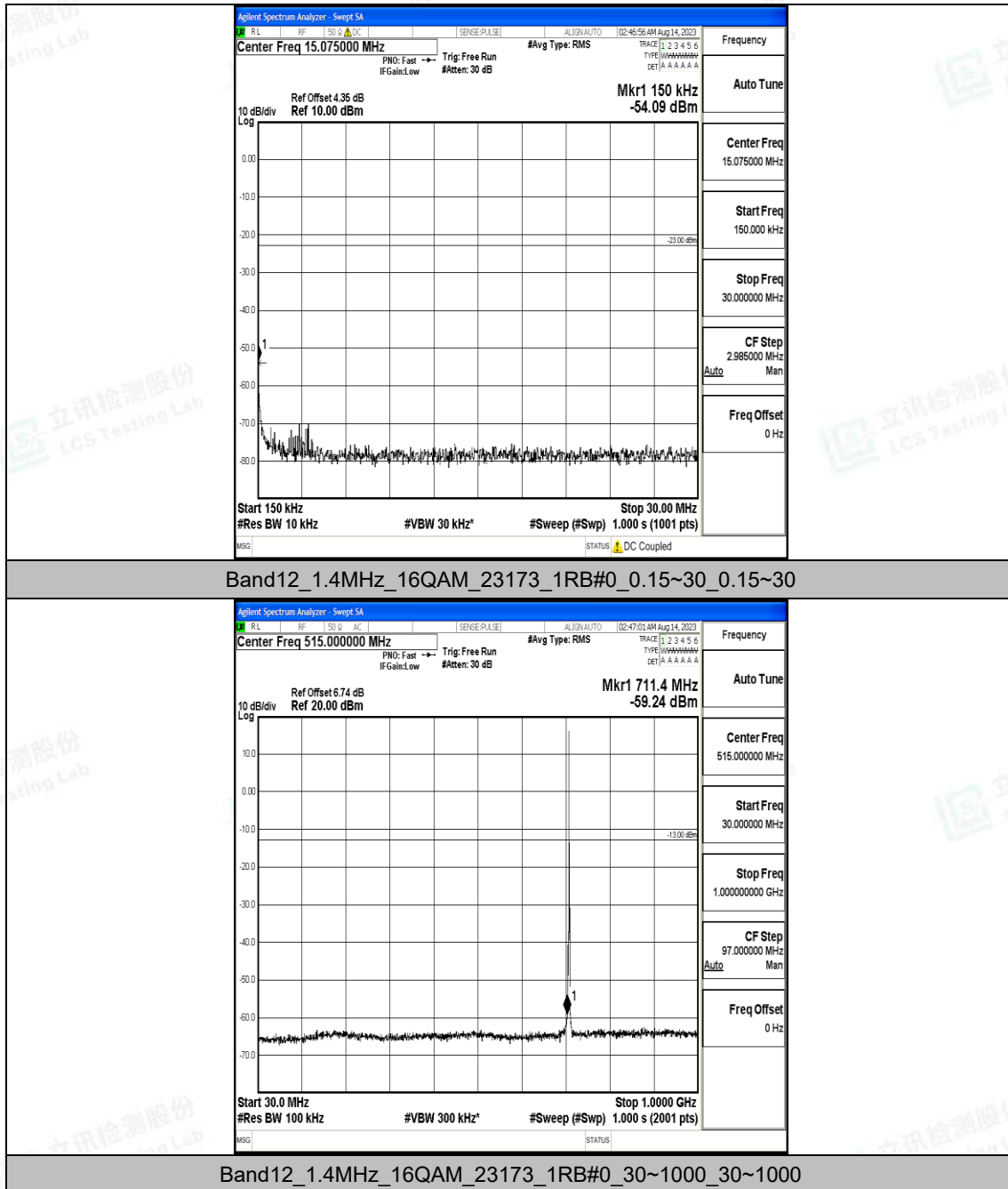


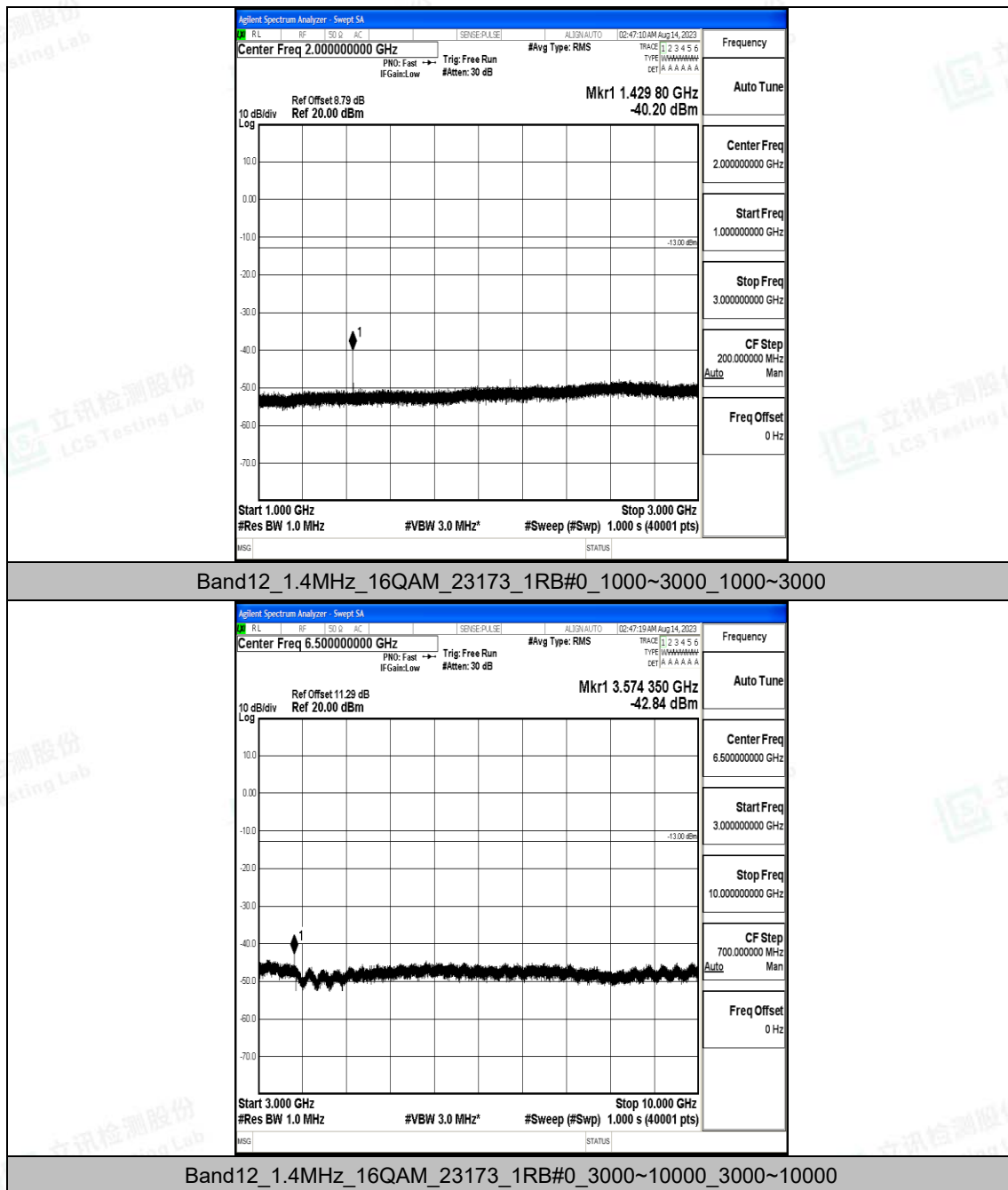
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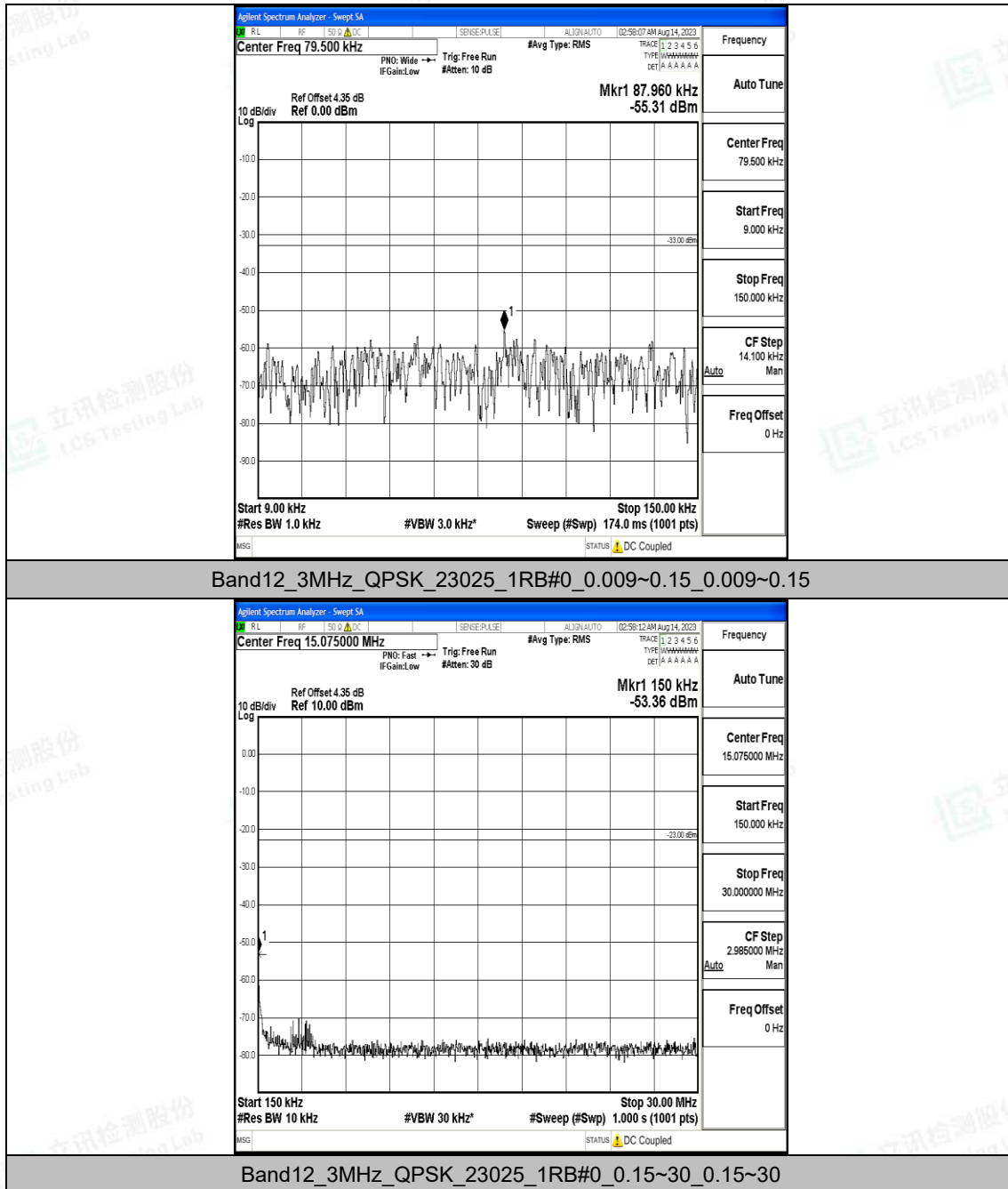
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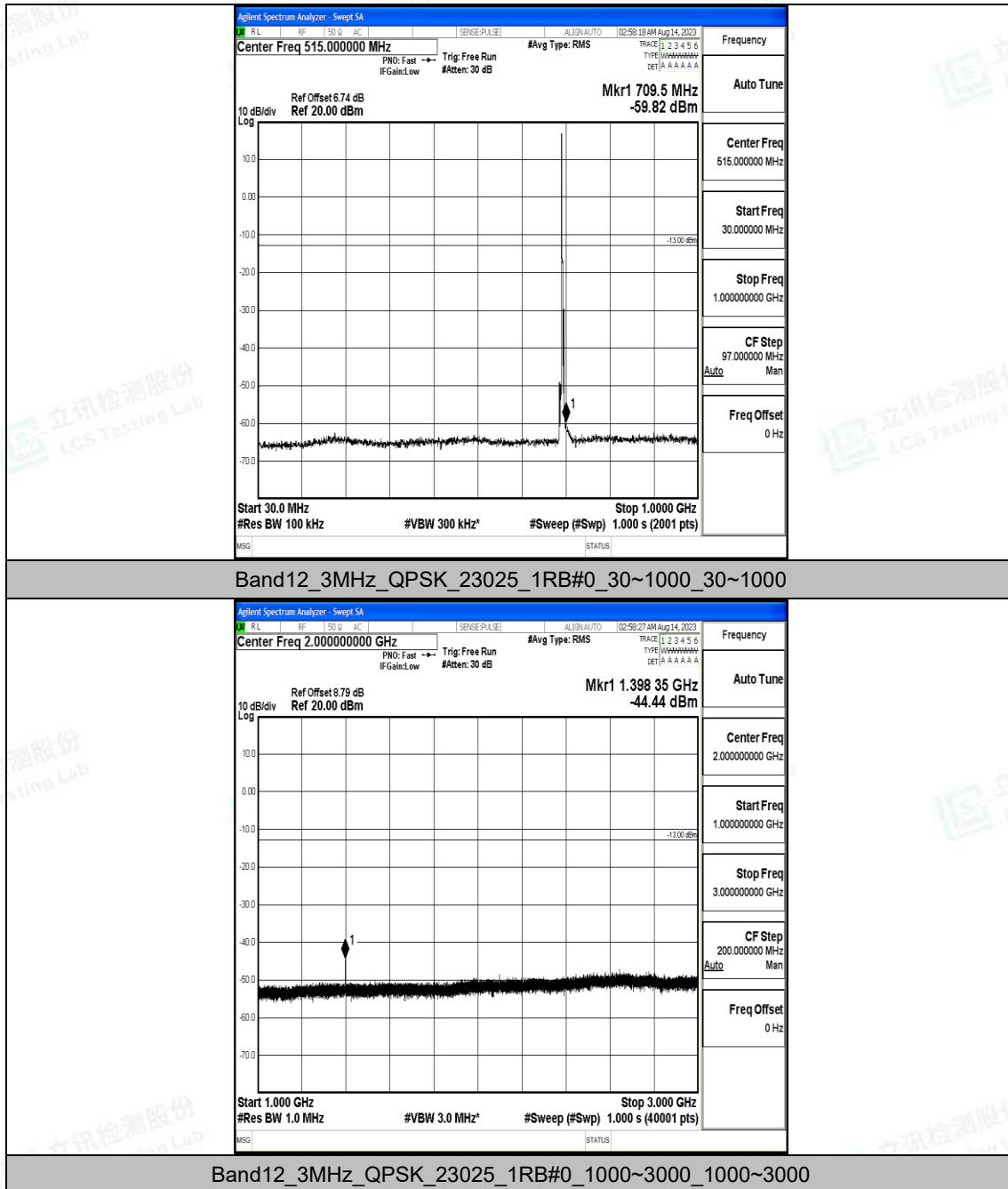
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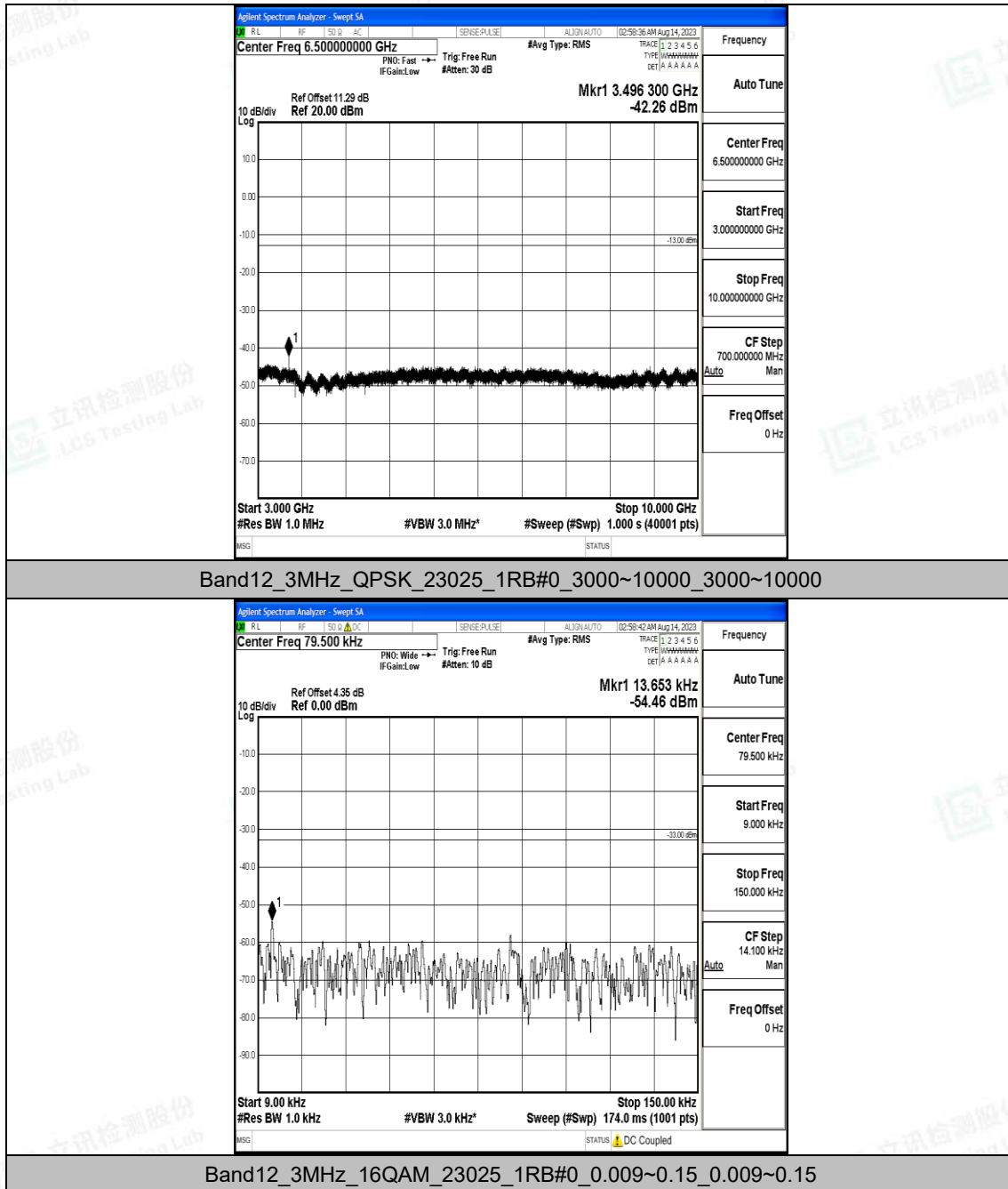


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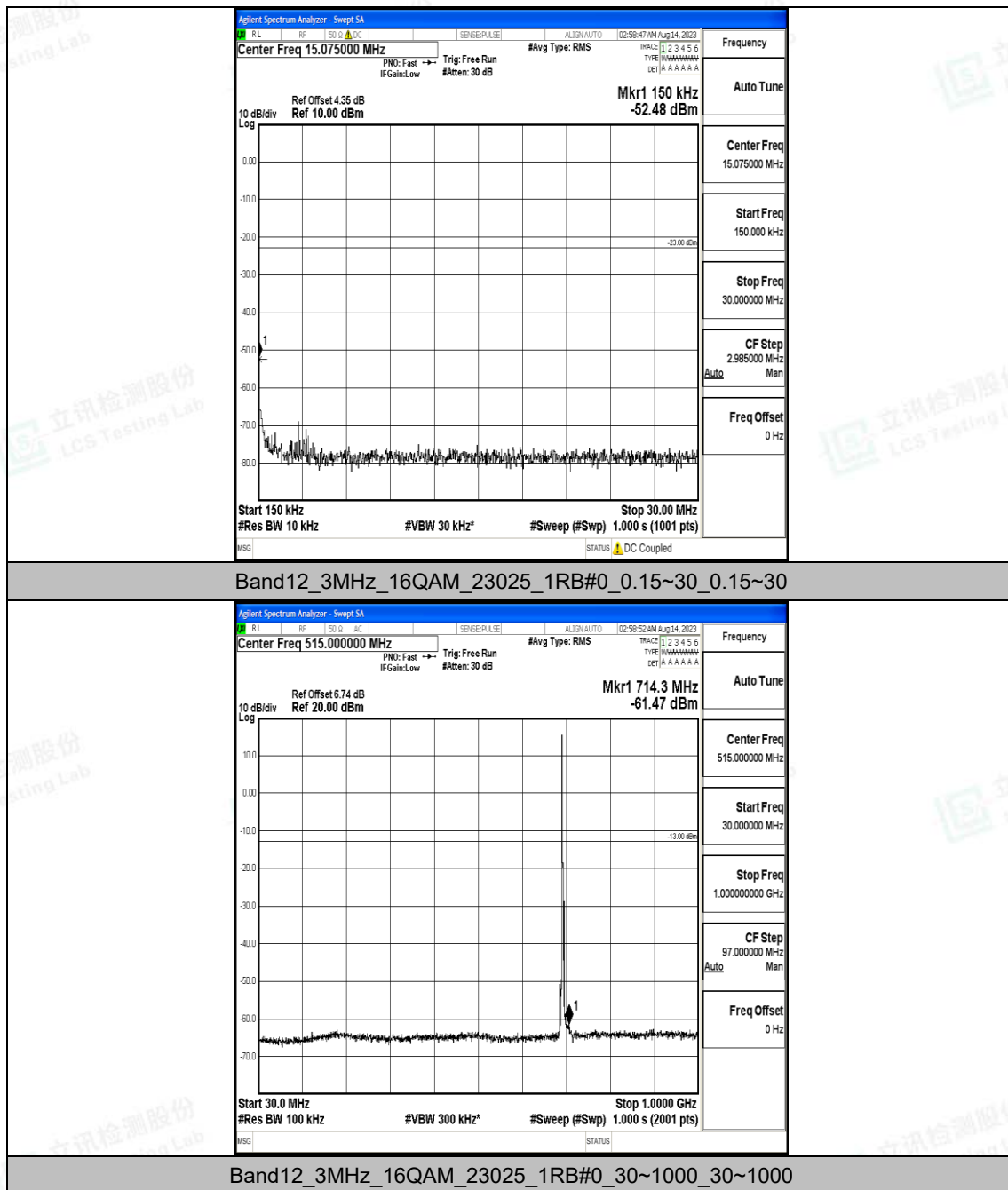


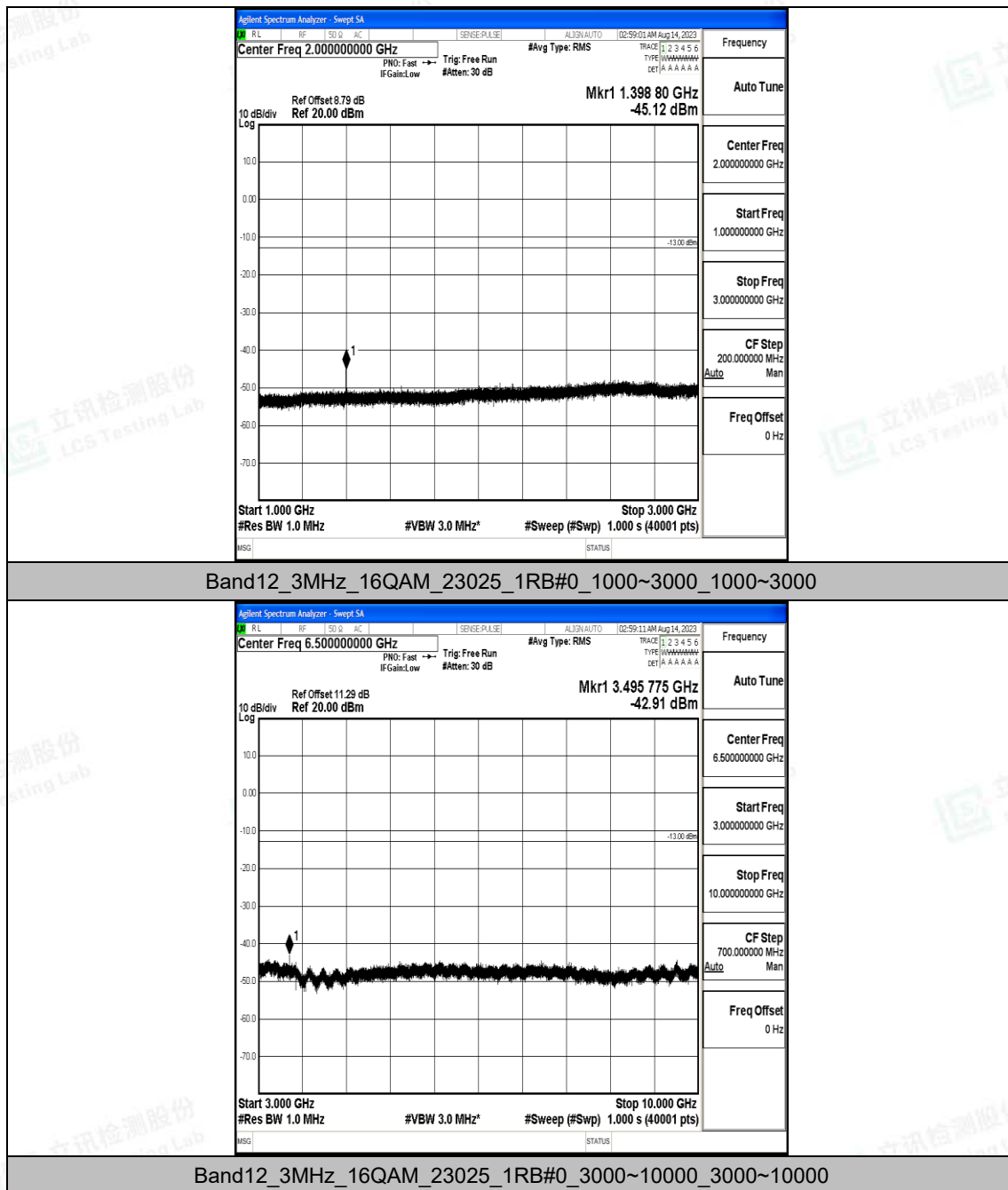
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