



Appendix N: Test Data for E-UTRA Band 17

Product Name: Tablet

Test Model: HIP-T66

Environmental Conditions

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



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N.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	24.57	PASS
Band17	5MHz	16QAM	23755	1RB#0	23.09	PASS
Band17	5MHz	QPSK	23755	1RB#12	24.62	PASS
Band17	5MHz	16QAM	23755	1RB#12	23.05	PASS
Band17	5MHz	QPSK	23755	1RB#24	24.60	PASS
Band17	5MHz	16QAM	23755	1RB#24	23.13	PASS
Band17	5MHz	QPSK	23755	12RB#0	23.48	PASS
Band17	5MHz	16QAM	23755	12RB#0	22.98	PASS
Band17	5MHz	QPSK	23755	12RB#6	23.45	PASS
Band17	5MHz	16QAM	23755	12RB#6	22.94	PASS
Band17	5MHz	QPSK	23755	12RB#13	23.53	PASS
Band17	5MHz	16QAM	23755	12RB#13	22.74	PASS
Band17	5MHz	QPSK	23755	25RB#0	23.41	PASS
Band17	5MHz	16QAM	23755	25RB#0	22.94	PASS
Band17	5MHz	QPSK	23790	1RB#0	24.58	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.81	PASS
Band17	5MHz	QPSK	23790	1RB#12	24.49	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.90	PASS
Band17	5MHz	QPSK	23790	1RB#24	24.56	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.72	PASS
Band17	5MHz	QPSK	23790	12RB#0	23.53	PASS
Band17	5MHz	16QAM	23790	12RB#0	22.28	PASS
Band17	5MHz	QPSK	23790	12RB#6	23.49	PASS
Band17	5MHz	16QAM	23790	12RB#6	22.41	PASS
Band17	5MHz	QPSK	23790	12RB#13	23.47	PASS
Band17	5MHz	16QAM	23790	12RB#13	22.39	PASS
Band17	5MHz	QPSK	23790	25RB#0	23.60	PASS
Band17	5MHz	16QAM	23790	25RB#0	22.55	PASS
Band17	5MHz	QPSK	23825	1RB#0	24.51	PASS
Band17	5MHz	16QAM	23825	1RB#0	23.49	PASS
Band17	5MHz	QPSK	23825	1RB#12	24.58	PASS
Band17	5MHz	16QAM	23825	1RB#12	23.49	PASS
Band17	5MHz	QPSK	23825	1RB#24	24.46	PASS
Band17	5MHz	16QAM	23825	1RB#24	23.54	PASS
Band17	5MHz	QPSK	23825	12RB#0	23.54	PASS



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Band17	5MHz	16QAM	23825	12RB#0	22.56	PASS
Band17	5MHz	QPSK	23825	12RB#6	23.38	PASS
Band17	5MHz	16QAM	23825	12RB#6	22.56	PASS
Band17	5MHz	QPSK	23825	12RB#13	23.58	PASS
Band17	5MHz	16QAM	23825	12RB#13	23.04	PASS
Band17	5MHz	QPSK	23825	25RB#0	23.41	PASS
Band17	5MHz	16QAM	23825	25RB#0	22.96	PASS
Band17	10MHz	QPSK	23780	1RB#0	24.48	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.95	PASS
Band17	10MHz	QPSK	23780	1RB#24	24.35	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.97	PASS
Band17	10MHz	QPSK	23780	1RB#49	24.42	PASS
Band17	10MHz	16QAM	23780	1RB#49	23.12	PASS
Band17	10MHz	QPSK	23780	25RB#0	23.45	PASS
Band17	10MHz	16QAM	23780	25RB#0	22.88	PASS
Band17	10MHz	QPSK	23780	25RB#12	23.36	PASS
Band17	10MHz	16QAM	23780	25RB#12	22.87	PASS
Band17	10MHz	QPSK	23780	25RB#25	23.52	PASS
Band17	10MHz	16QAM	23780	25RB#25	22.44	PASS
Band17	10MHz	QPSK	23780	50RB#0	23.46	PASS
Band17	10MHz	16QAM	23780	50RB#0	22.41	PASS
Band17	10MHz	QPSK	23790	1RB#0	24.66	PASS
Band17	10MHz	16QAM	23790	1RB#0	23.17	PASS
Band17	10MHz	QPSK	23790	1RB#24	24.58	PASS
Band17	10MHz	16QAM	23790	1RB#24	23.39	PASS
Band17	10MHz	QPSK	23790	1RB#49	24.79	PASS
Band17	10MHz	16QAM	23790	1RB#49	23.17	PASS
Band17	10MHz	QPSK	23790	25RB#0	23.50	PASS
Band17	10MHz	16QAM	23790	25RB#0	22.70	PASS
Band17	10MHz	QPSK	23790	25RB#12	23.50	PASS
Band17	10MHz	16QAM	23790	25RB#12	22.57	PASS
Band17	10MHz	QPSK	23790	25RB#25	23.44	PASS
Band17	10MHz	16QAM	23790	25RB#25	22.52	PASS
Band17	10MHz	QPSK	23790	50RB#0	23.45	PASS
Band17	10MHz	16QAM	23790	50RB#0	22.59	PASS
Band17	10MHz	QPSK	23800	1RB#0	24.44	PASS
Band17	10MHz	16QAM	23800	1RB#0	24.02	PASS
Band17	10MHz	QPSK	23800	1RB#24	24.42	PASS
Band17	10MHz	16QAM	23800	1RB#24	24.02	PASS
Band17	10MHz	QPSK	23800	1RB#49	24.43	PASS



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Band17	10MHz	16QAM	23800	1RB#49	23.94	PASS
Band17	10MHz	QPSK	23800	25RB#0	23.41	PASS
Band17	10MHz	16QAM	23800	25RB#0	22.49	PASS
Band17	10MHz	QPSK	23800	25RB#12	23.43	PASS
Band17	10MHz	16QAM	23800	25RB#12	22.64	PASS
Band17	10MHz	QPSK	23800	25RB#25	23.50	PASS
Band17	10MHz	16QAM	23800	25RB#25	22.91	PASS
Band17	10MHz	QPSK	23800	50RB#0	23.44	PASS
Band17	10MHz	16QAM	23800	50RB#0	22.60	PASS





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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	4.47	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	5.77	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	5.70	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	6.29	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	5.02	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	6.11	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	5.55	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.30	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	4.33	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	5.17	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.32	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	5.90	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	4.53	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	5.53	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.61	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.37	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	4.51	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	5.74	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.54	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.28	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	4.82	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	5.62	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.45	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.25	13	PASS



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Test Graphs

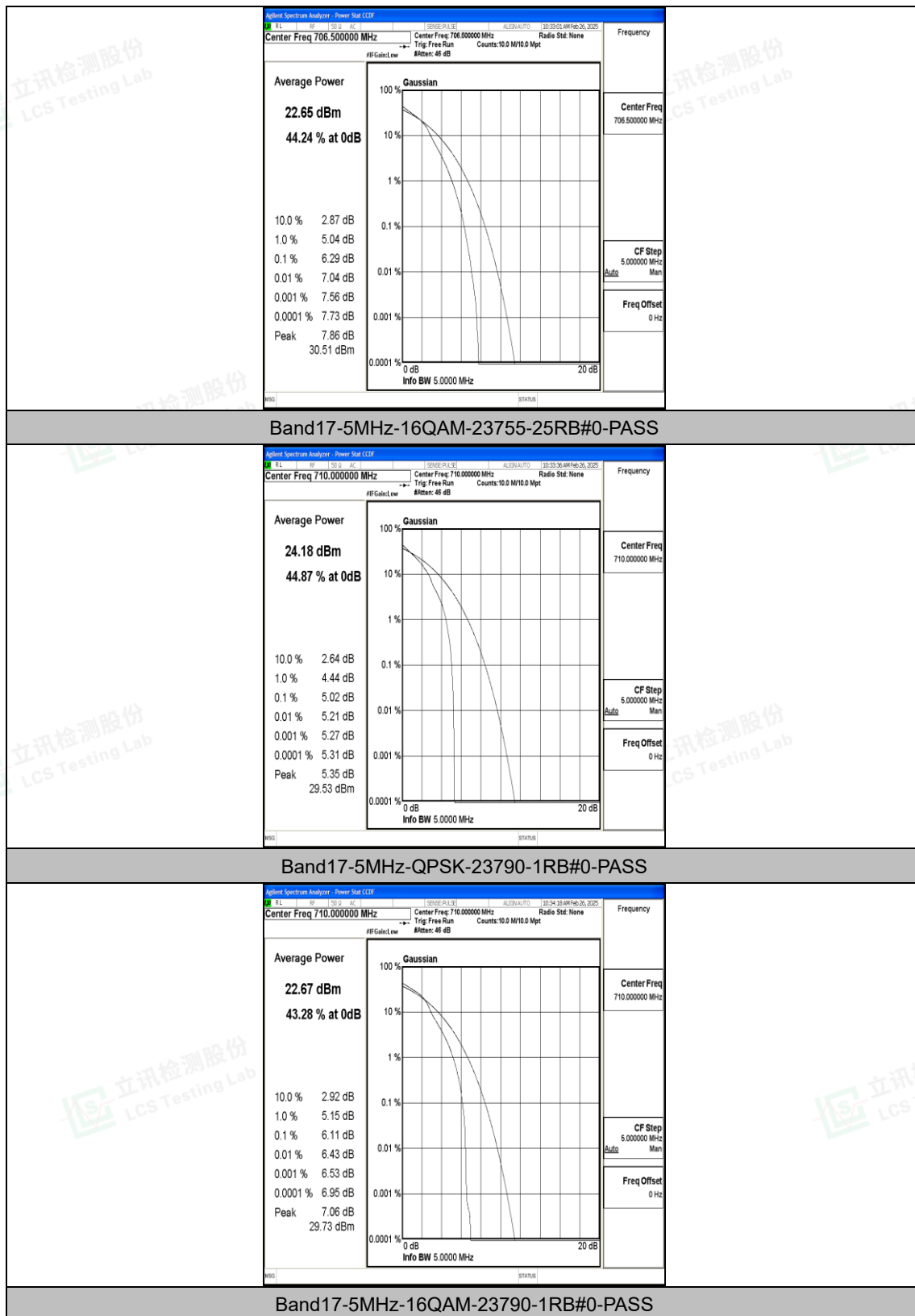


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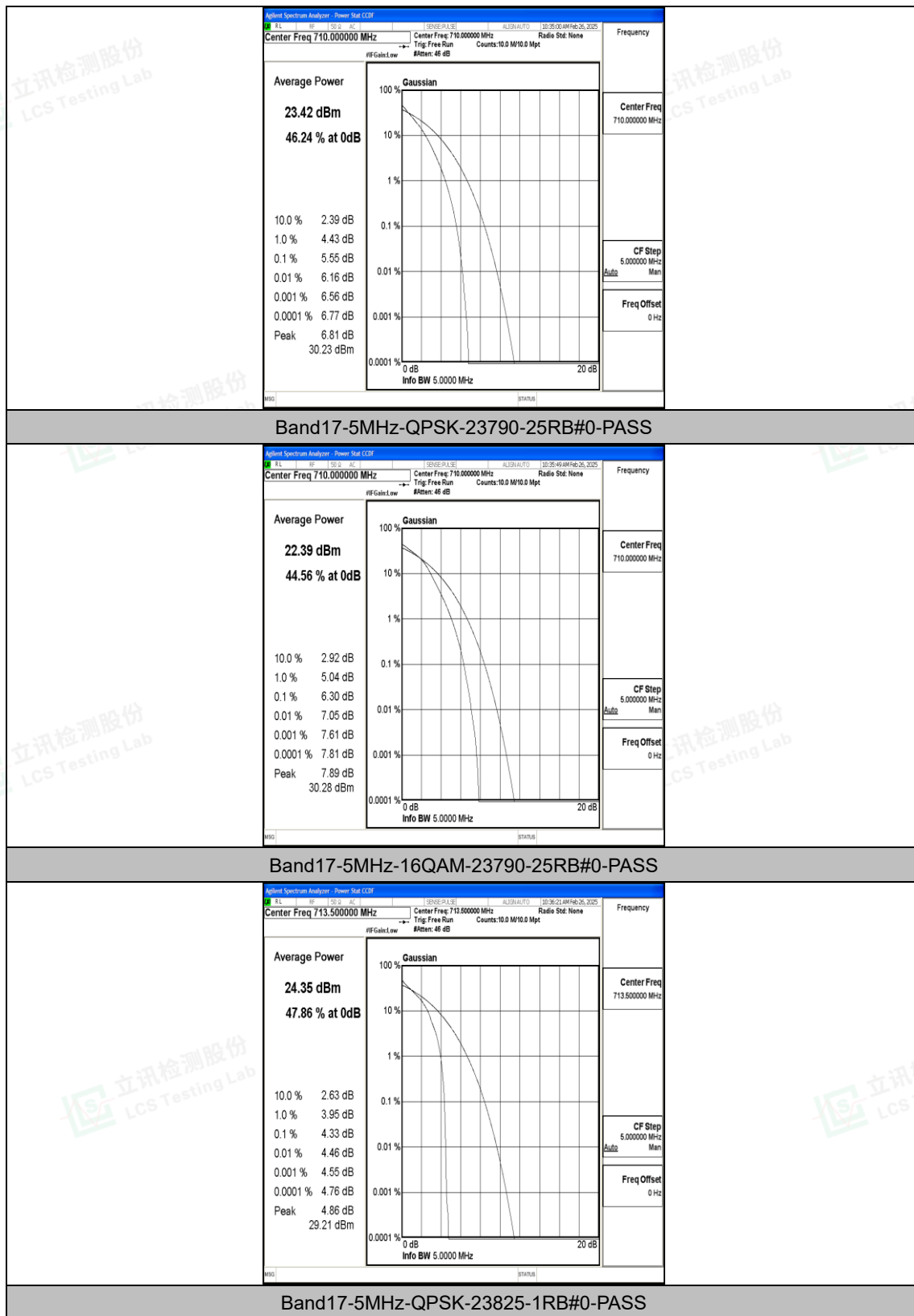


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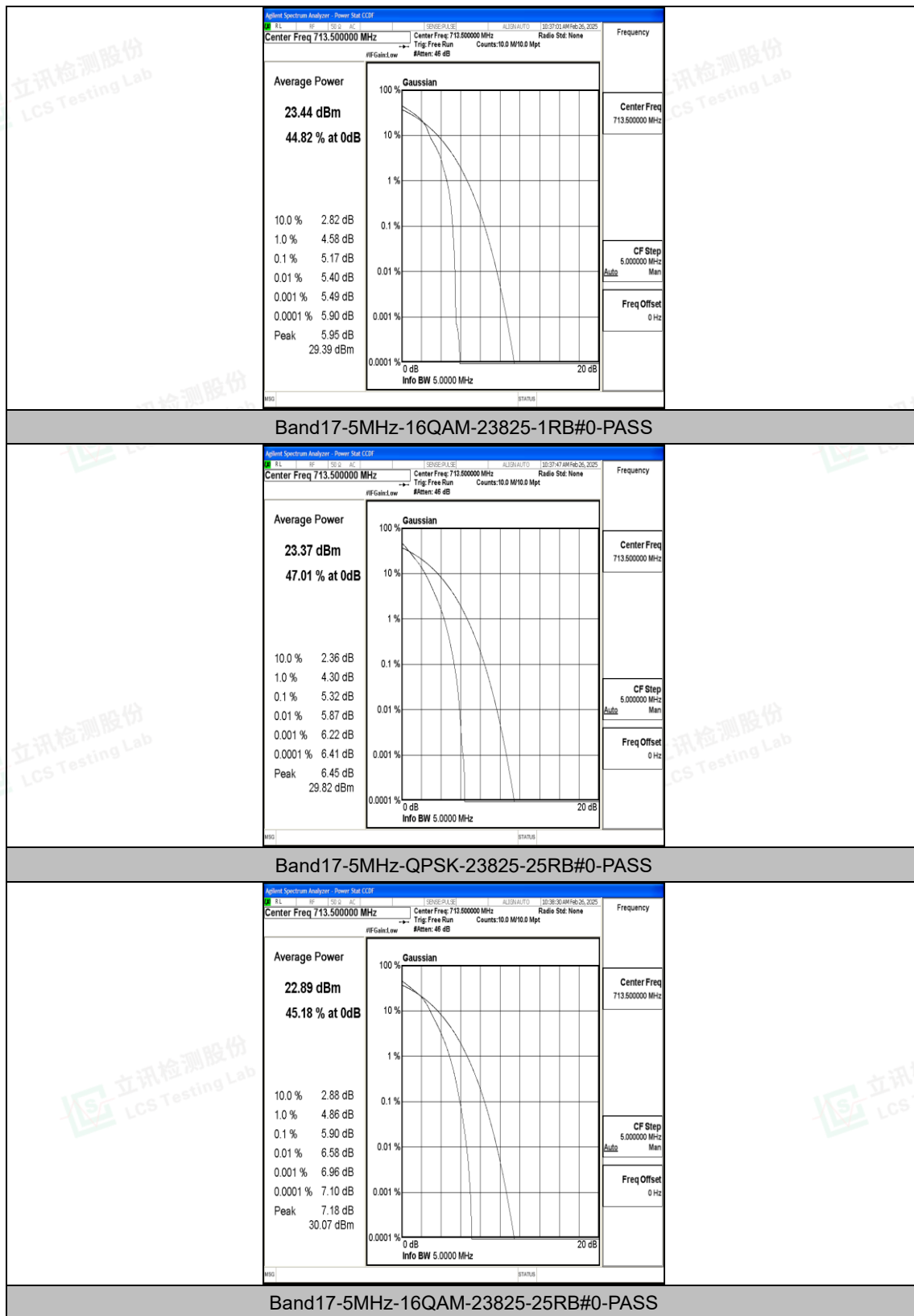


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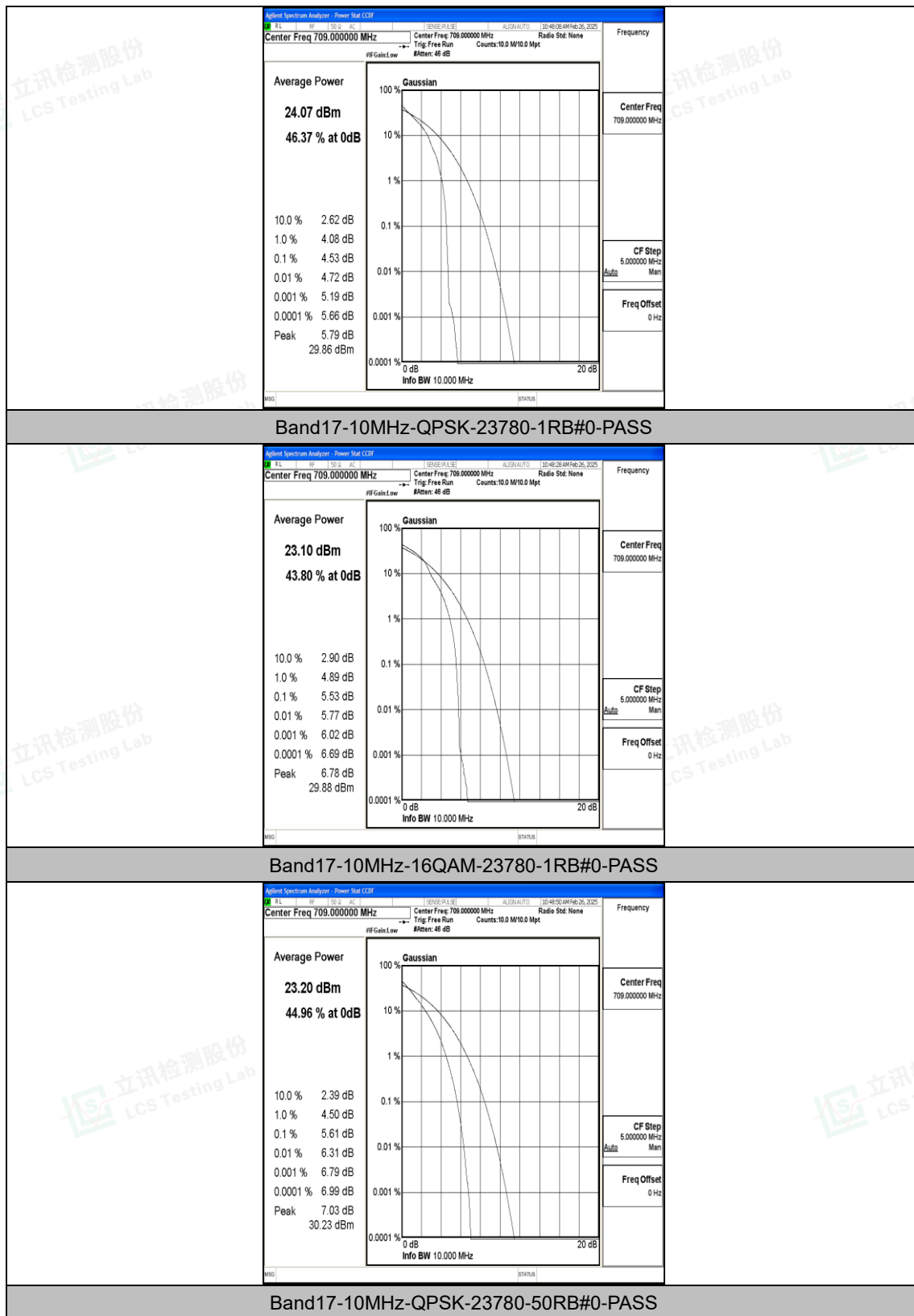


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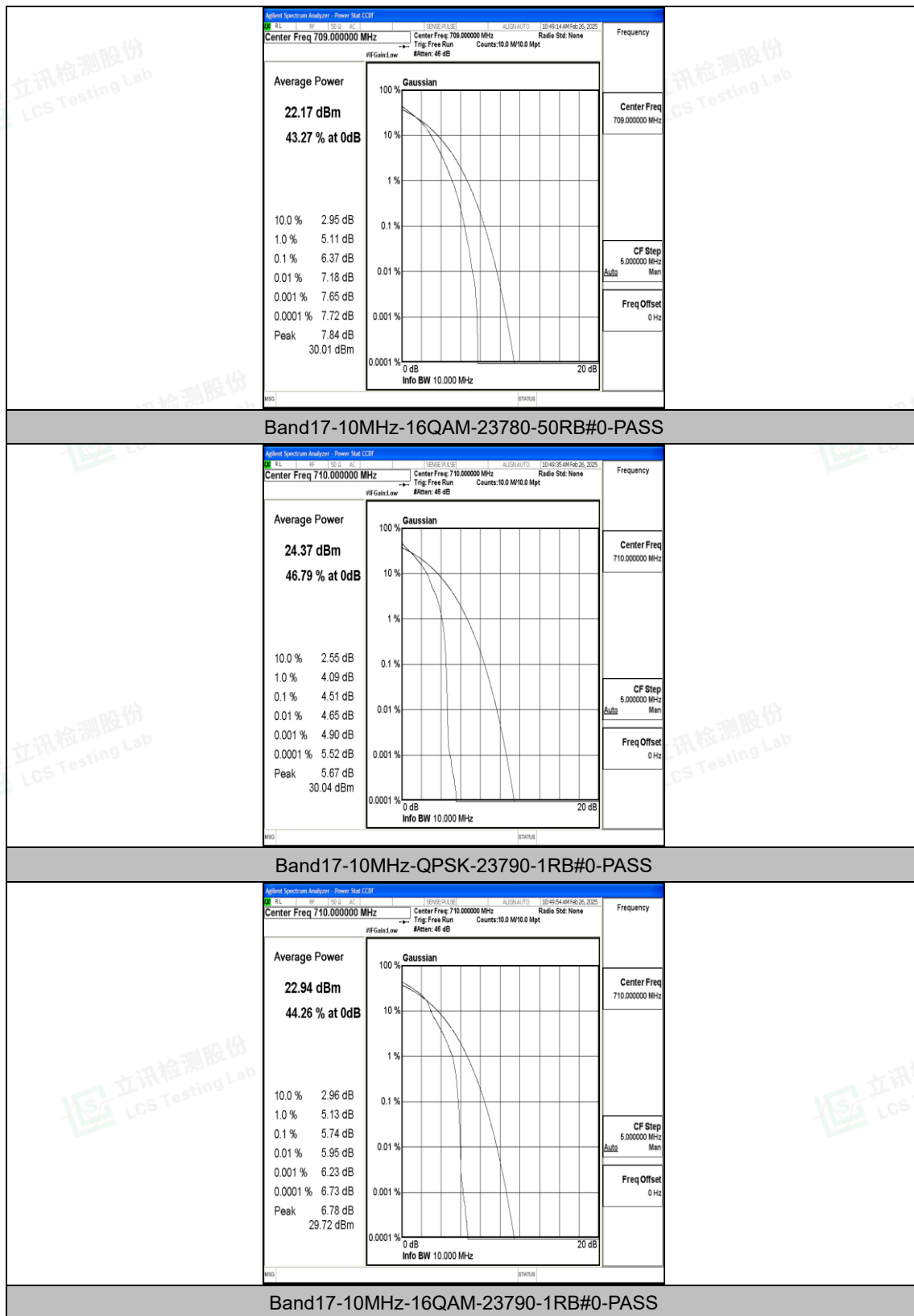


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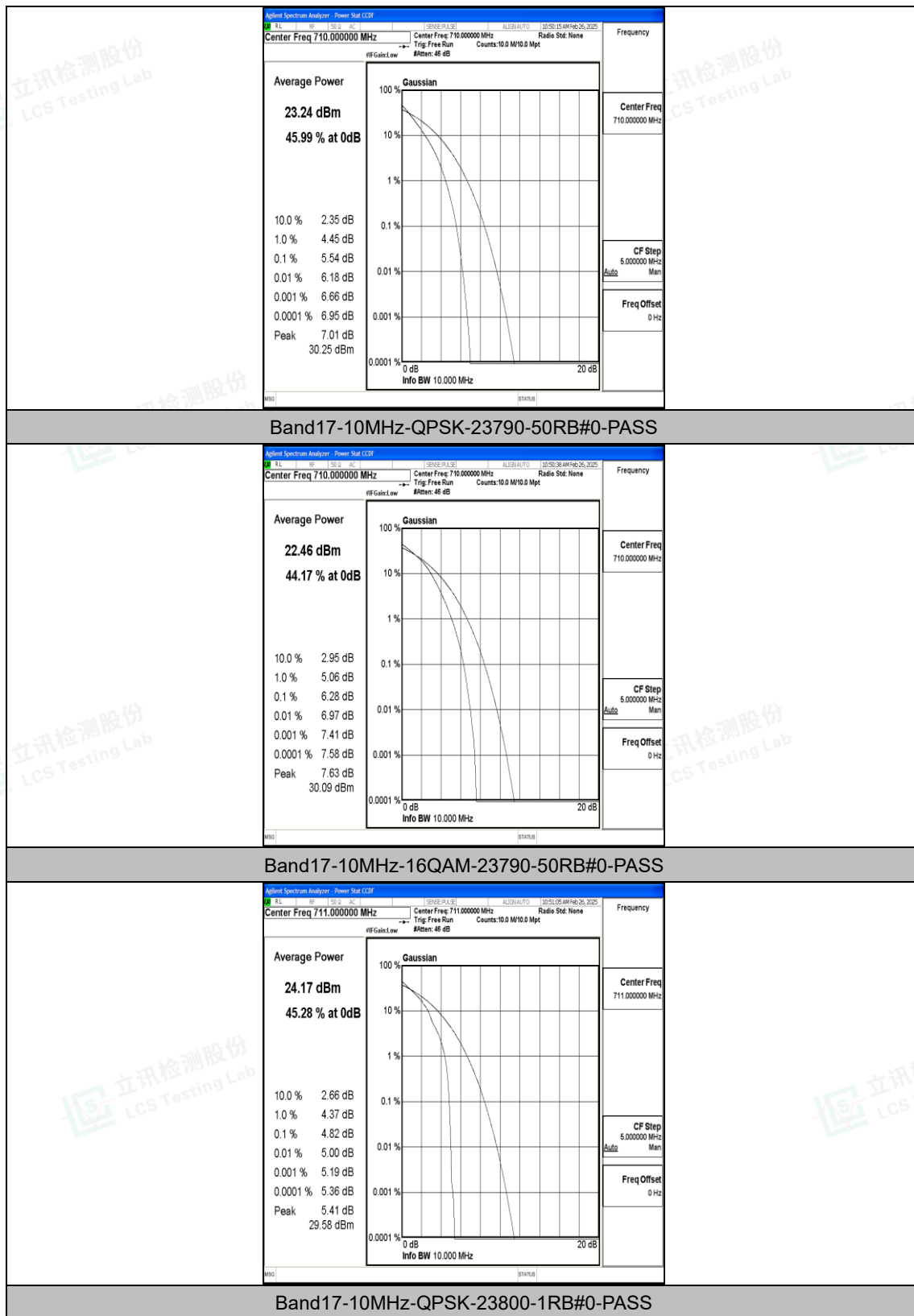


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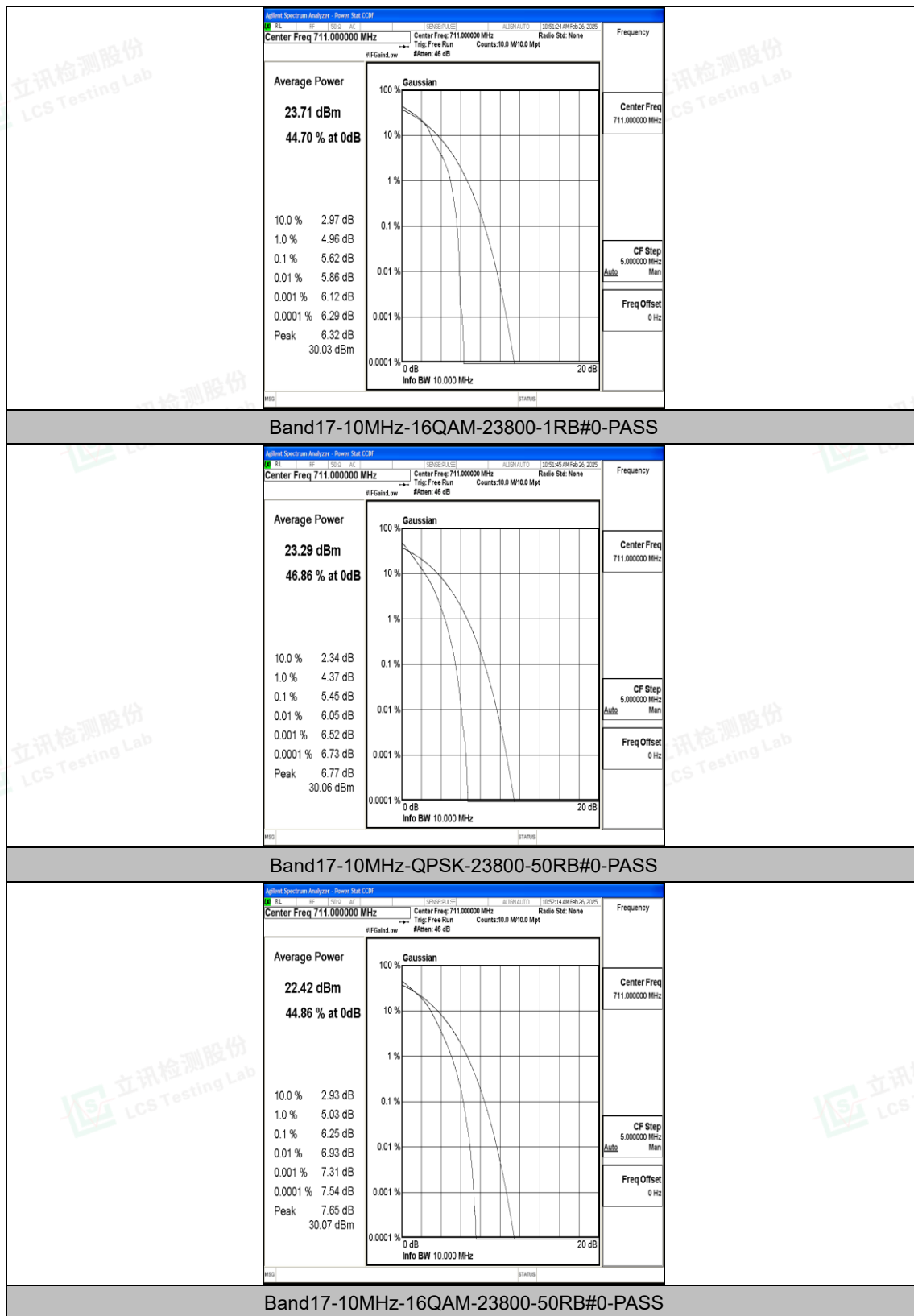


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N.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.5185	4.982	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5127	4.986	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5097	4.976	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5084	4.960	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.4959	4.918	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5112	4.966	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9945	9.898	PASS
Band17	10MHz	16QAM	23780	50RB#0	9.0069	9.928	PASS
Band17	10MHz	QPSK	23790	50RB#0	9.0140	9.839	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9875	9.901	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9595	9.865	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9786	9.894	PASS



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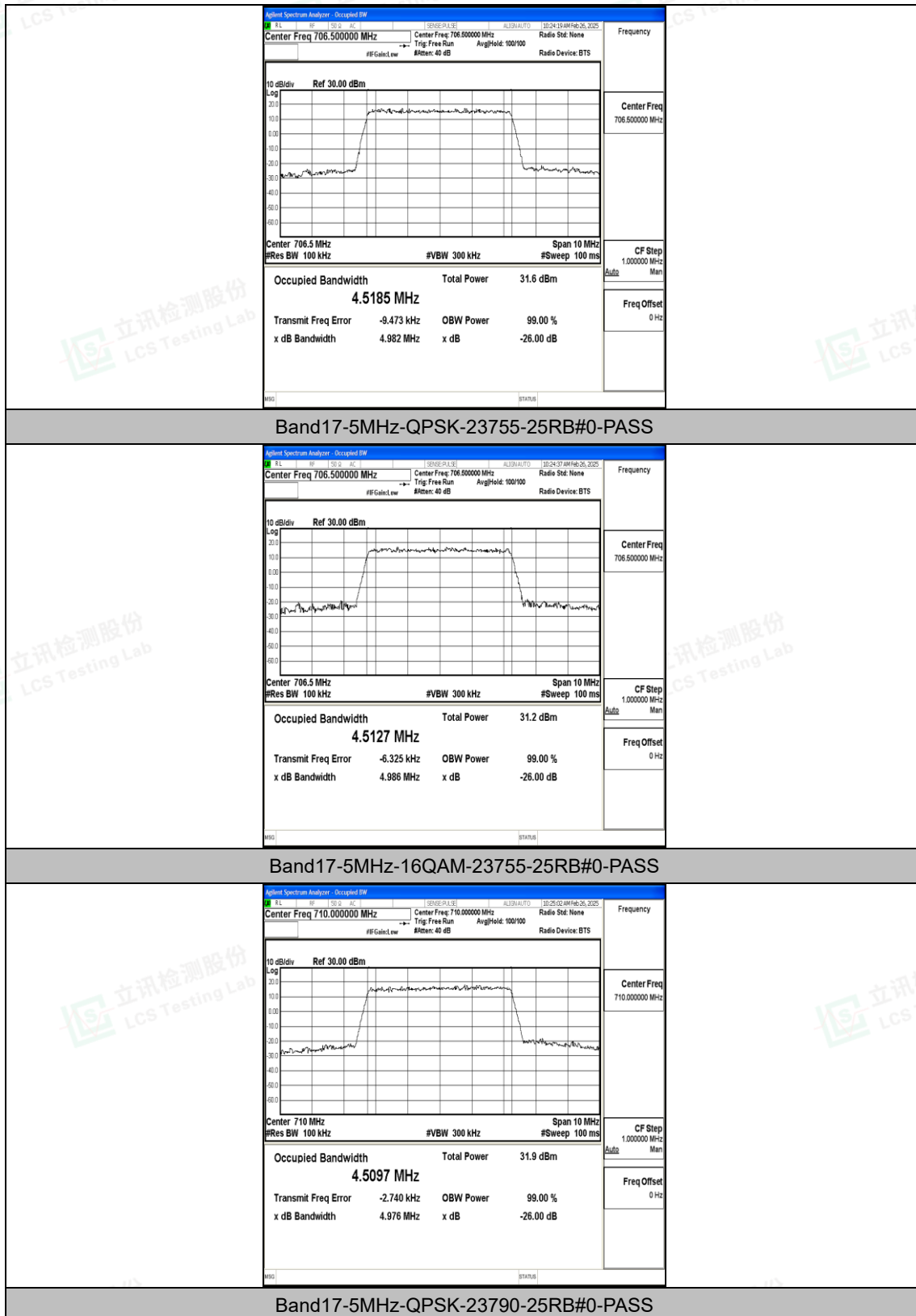
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Test Graphs

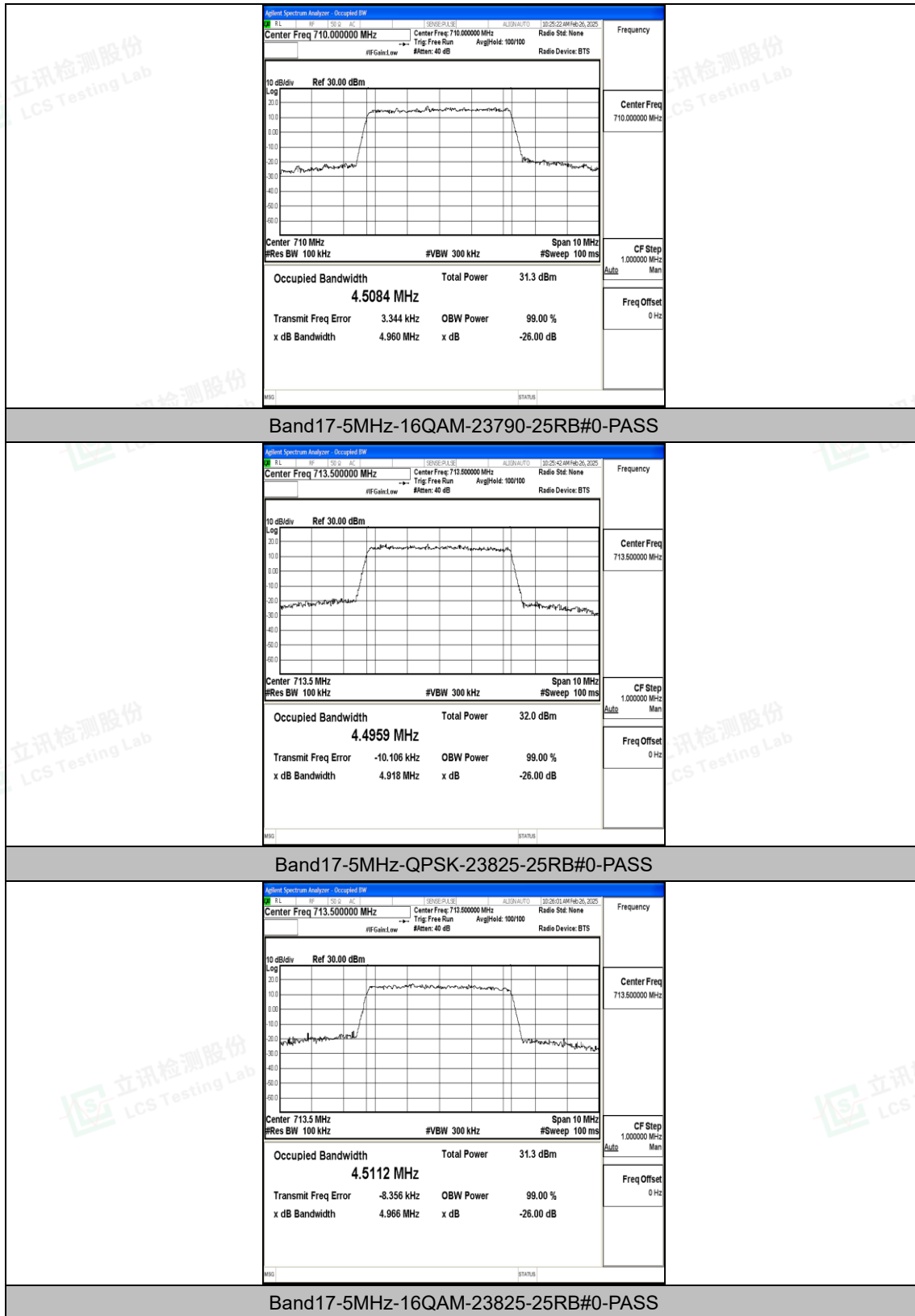


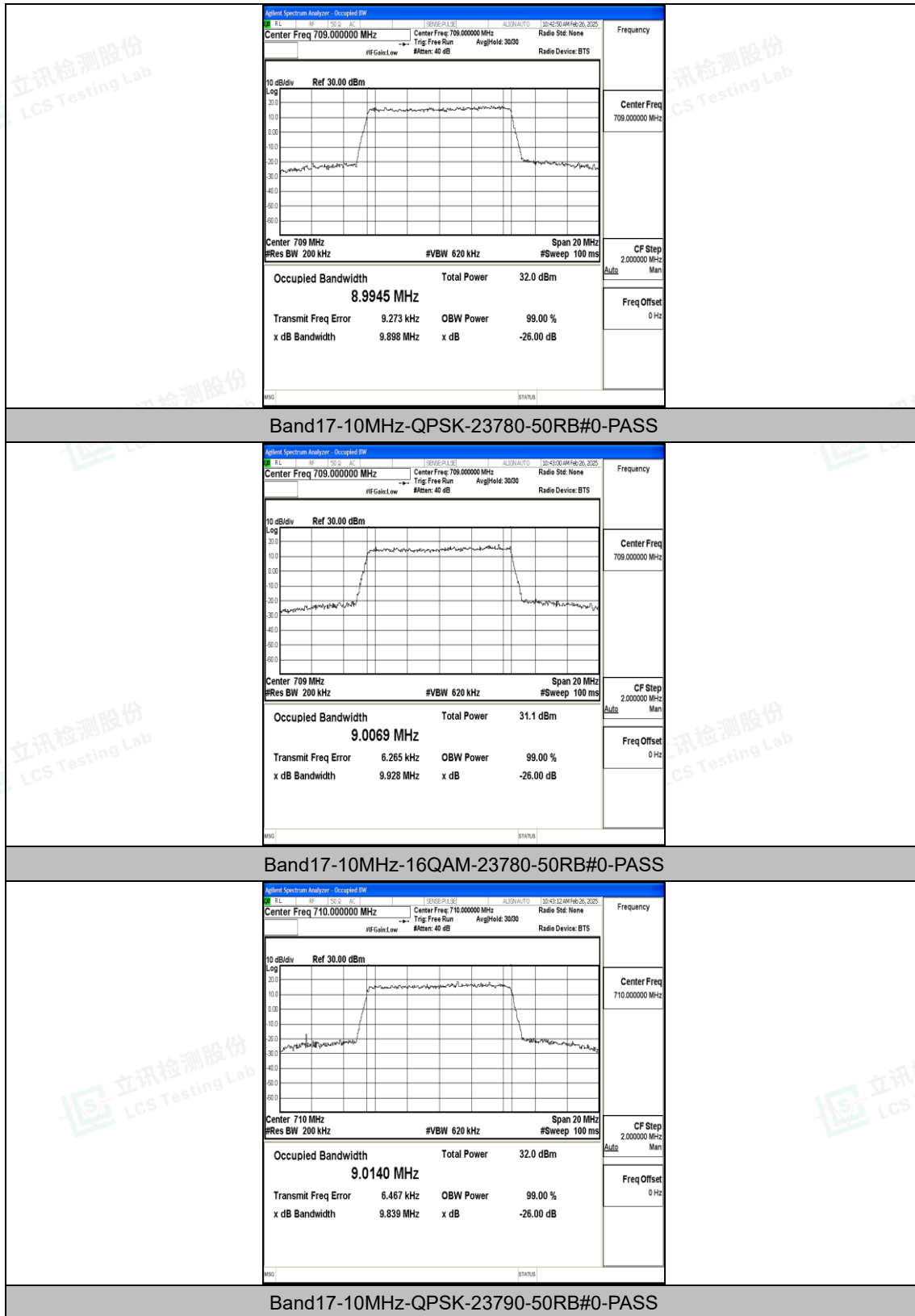
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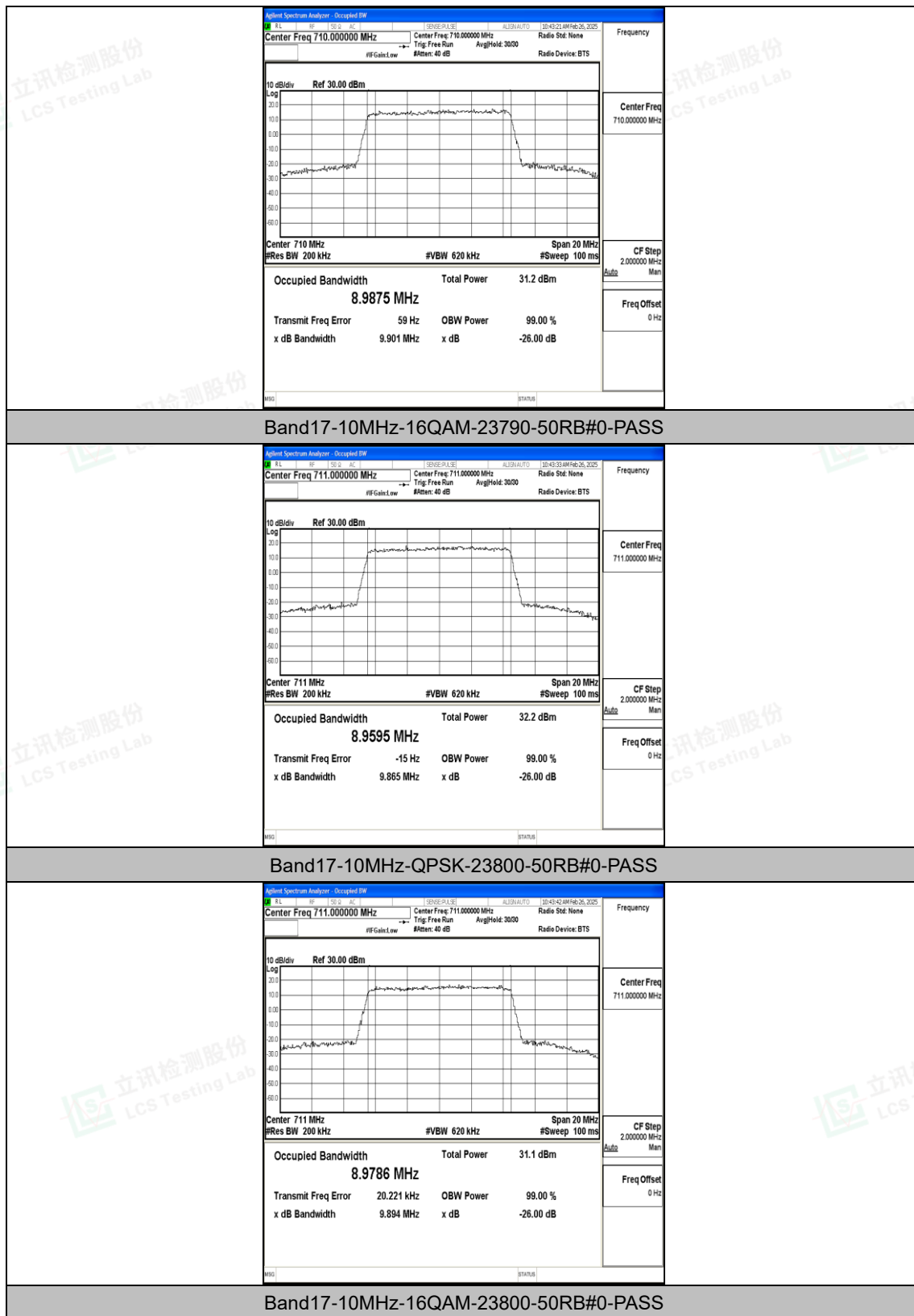


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N.4 Band Edge

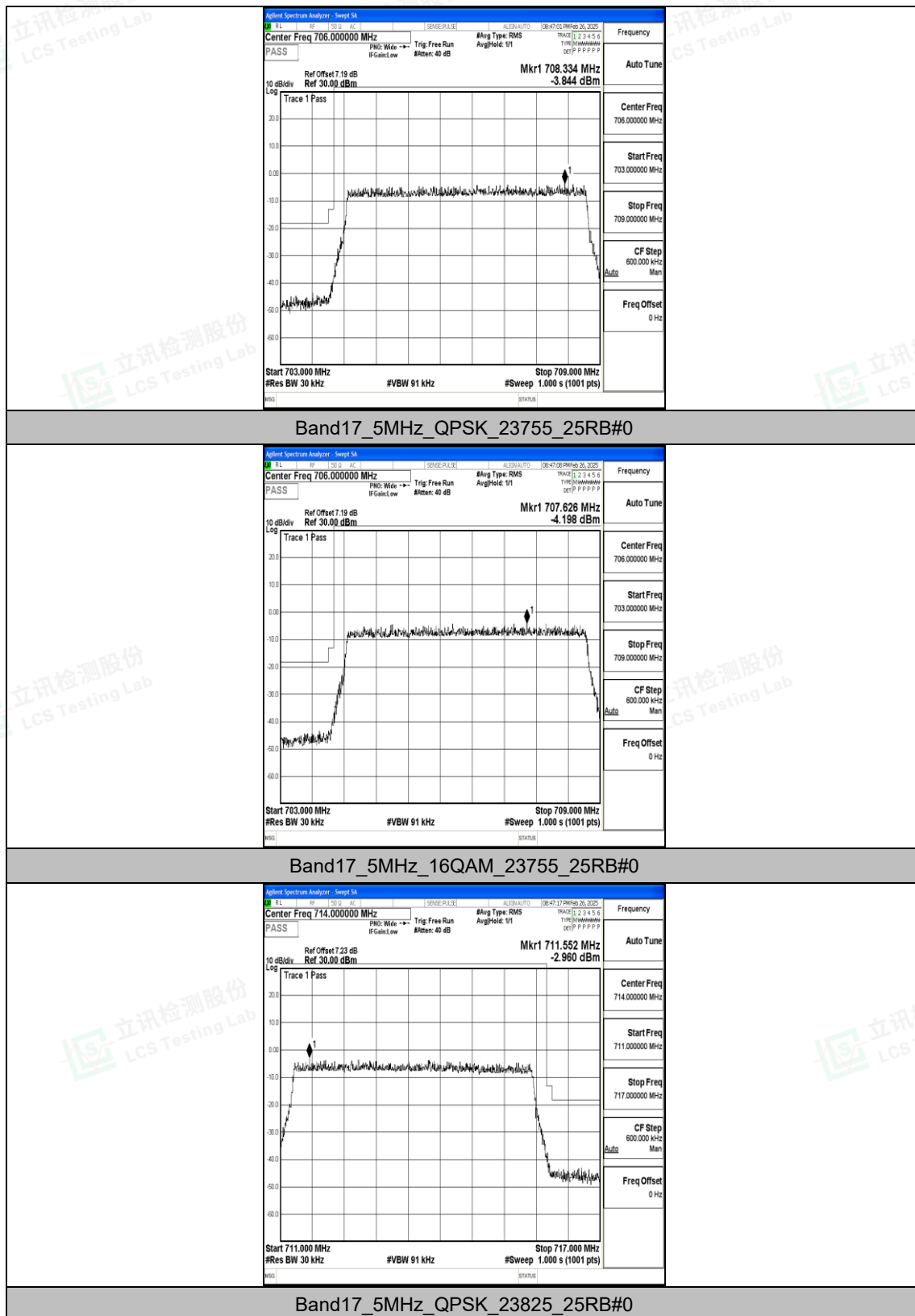
Test Result

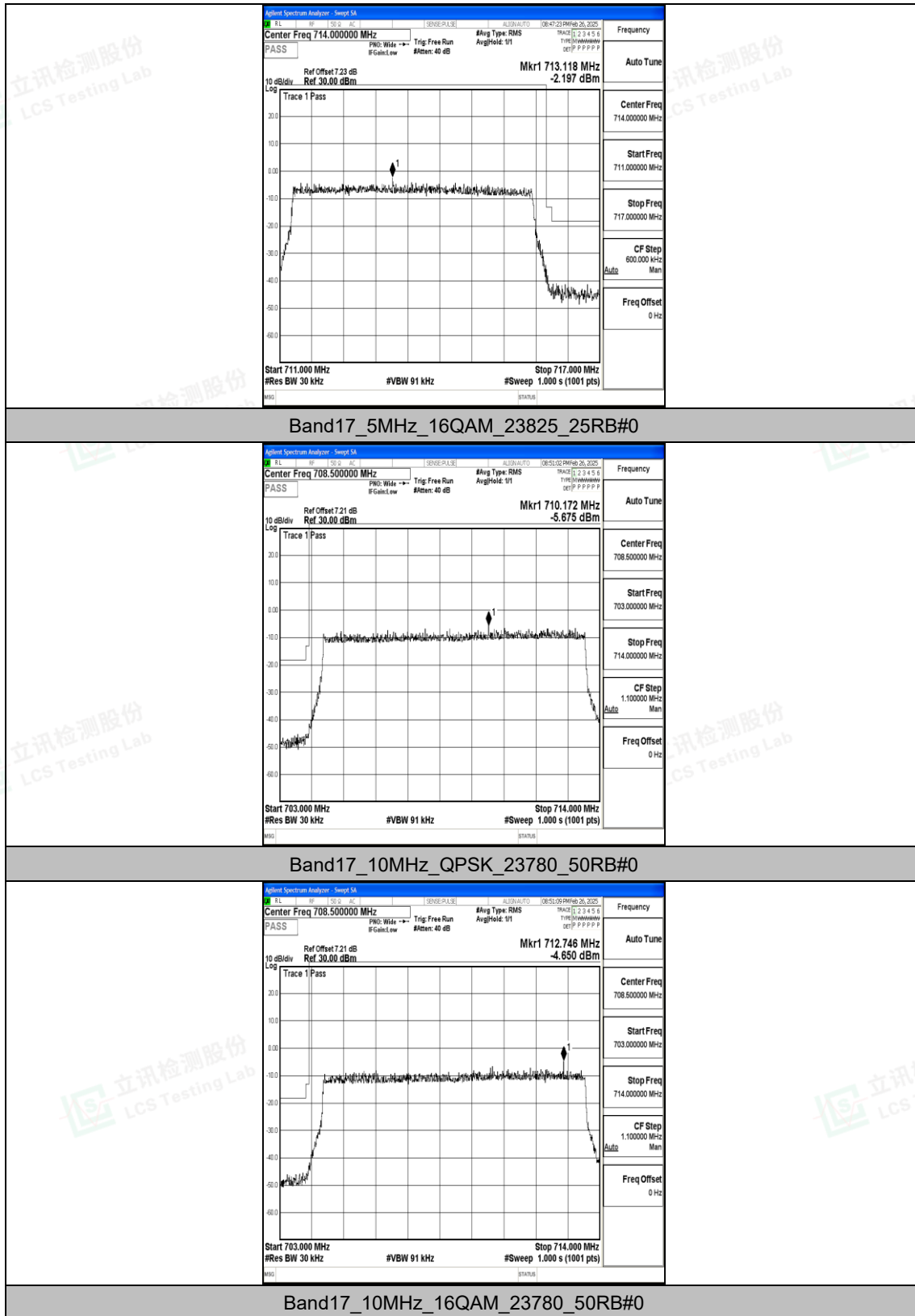
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	703.62	-43.71	PASS
Band17	5MHz	16QAM	23755	25RB#0	703.74	-43.50	PASS
Band17	5MHz	QPSK	23825	25RB#0	716.01	-37.58	PASS
Band17	5MHz	16QAM	23825	25RB#0	716.18	-40.99	PASS
Band17	10MHz	QPSK	23780	50RB#0	703.63	-45.33	PASS
Band17	10MHz	16QAM	23780	50RB#0	703.80	-45.50	PASS
Band17	10MHz	QPSK	23800	50RB#0	716.81	-44.67	PASS
Band17	10MHz	16QAM	23800	50RB#0	716.19	-44.55	PASS





Test Graphs









N.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	0.009~0.15	-57.91	PASS
Band17	5MHz	QPSK	23755	1RB#0	0.15~30	-46.08	PASS
Band17	5MHz	QPSK	23755	1RB#0	30~1000	-52.74	PASS
Band17	5MHz	QPSK	23755	1RB#0	1000~3000	-39.38	PASS
Band17	5MHz	QPSK	23755	1RB#0	3000~10000	-35.25	PASS
Band17	5MHz	16QAM	23755	1RB#0	0.009~0.15	-57.93	PASS
Band17	5MHz	16QAM	23755	1RB#0	0.15~30	-48.16	PASS
Band17	5MHz	16QAM	23755	1RB#0	30~1000	-52.89	PASS
Band17	5MHz	16QAM	23755	1RB#0	1000~3000	-38.29	PASS
Band17	5MHz	16QAM	23755	1RB#0	3000~10000	-35.68	PASS
Band17	5MHz	QPSK	23790	1RB#0	0.009~0.15	-58.27	PASS
Band17	5MHz	QPSK	23790	1RB#0	0.15~30	-45.63	PASS
Band17	5MHz	QPSK	23790	1RB#0	30~1000	-53.12	PASS
Band17	5MHz	QPSK	23790	1RB#0	1000~3000	-38.71	PASS
Band17	5MHz	QPSK	23790	1RB#0	3000~10000	-35.08	PASS
Band17	5MHz	16QAM	23790	1RB#0	0.009~0.15	-58.83	PASS
Band17	5MHz	16QAM	23790	1RB#0	0.15~30	-47.11	PASS
Band17	5MHz	16QAM	23790	1RB#0	30~1000	-53.07	PASS
Band17	5MHz	16QAM	23790	1RB#0	1000~3000	-38.13	PASS
Band17	5MHz	16QAM	23790	1RB#0	3000~10000	-35.08	PASS
Band17	5MHz	QPSK	23825	1RB#0	0.009~0.15	-57.75	PASS
Band17	5MHz	QPSK	23825	1RB#0	0.15~30	-46.72	PASS
Band17	5MHz	QPSK	23825	1RB#0	30~1000	-52.49	PASS
Band17	5MHz	QPSK	23825	1RB#0	1000~3000	-38.28	PASS
Band17	5MHz	QPSK	23825	1RB#0	3000~10000	-35.23	PASS
Band17	5MHz	16QAM	23825	1RB#0	0.009~0.15	-55.88	PASS
Band17	5MHz	16QAM	23825	1RB#0	0.15~30	-44.69	PASS
Band17	5MHz	16QAM	23825	1RB#0	30~1000	-52.78	PASS
Band17	5MHz	16QAM	23825	1RB#0	1000~3000	-38.06	PASS
Band17	5MHz	16QAM	23825	1RB#0	3000~10000	-34.89	PASS
Band17	10MHz	QPSK	23780	1RB#0	0.009~0.15	-56.48	PASS
Band17	10MHz	QPSK	23780	1RB#0	0.15~30	-47.32	PASS
Band17	10MHz	QPSK	23780	1RB#0	30~1000	-52.67	PASS
Band17	10MHz	QPSK	23780	1RB#0	1000~3000	-39.08	PASS



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Band17	10MHz	QPSK	23780	1RB#0	3000~10000	-34.78	PASS
Band17	10MHz	16QAM	23780	1RB#0	0.009~0.15	-55.29	PASS
Band17	10MHz	16QAM	23780	1RB#0	0.15~30	-49.15	PASS
Band17	10MHz	16QAM	23780	1RB#0	30~1000	-52.04	PASS
Band17	10MHz	16QAM	23780	1RB#0	1000~3000	-38.83	PASS
Band17	10MHz	16QAM	23780	1RB#0	3000~10000	-35.53	PASS
Band17	10MHz	QPSK	23790	1RB#0	0.009~0.15	-53.86	PASS
Band17	10MHz	QPSK	23790	1RB#0	0.15~30	-45.67	PASS
Band17	10MHz	QPSK	23790	1RB#0	30~1000	-52.81	PASS
Band17	10MHz	QPSK	23790	1RB#0	1000~3000	-39.46	PASS
Band17	10MHz	QPSK	23790	1RB#0	3000~10000	-35.62	PASS
Band17	10MHz	16QAM	23790	1RB#0	0.009~0.15	-53.64	PASS
Band17	10MHz	16QAM	23790	1RB#0	0.15~30	-44.29	PASS
Band17	10MHz	16QAM	23790	1RB#0	30~1000	-53.01	PASS
Band17	10MHz	16QAM	23790	1RB#0	1000~3000	-39.44	PASS
Band17	10MHz	16QAM	23790	1RB#0	3000~10000	-35.51	PASS
Band17	10MHz	QPSK	23800	1RB#0	0.009~0.15	-59.46	PASS
Band17	10MHz	QPSK	23800	1RB#0	0.15~30	-43.45	PASS
Band17	10MHz	QPSK	23800	1RB#0	30~1000	-52.86	PASS
Band17	10MHz	QPSK	23800	1RB#0	1000~3000	-38.77	PASS
Band17	10MHz	QPSK	23800	1RB#0	3000~10000	-35.08	PASS
Band17	10MHz	16QAM	23800	1RB#0	0.009~0.15	-55.95	PASS
Band17	10MHz	16QAM	23800	1RB#0	0.15~30	-45.93	PASS
Band17	10MHz	16QAM	23800	1RB#0	30~1000	-52.55	PASS
Band17	10MHz	16QAM	23800	1RB#0	1000~3000	-38.64	PASS
Band17	10MHz	16QAM	23800	1RB#0	3000~10000	-35.72	PASS



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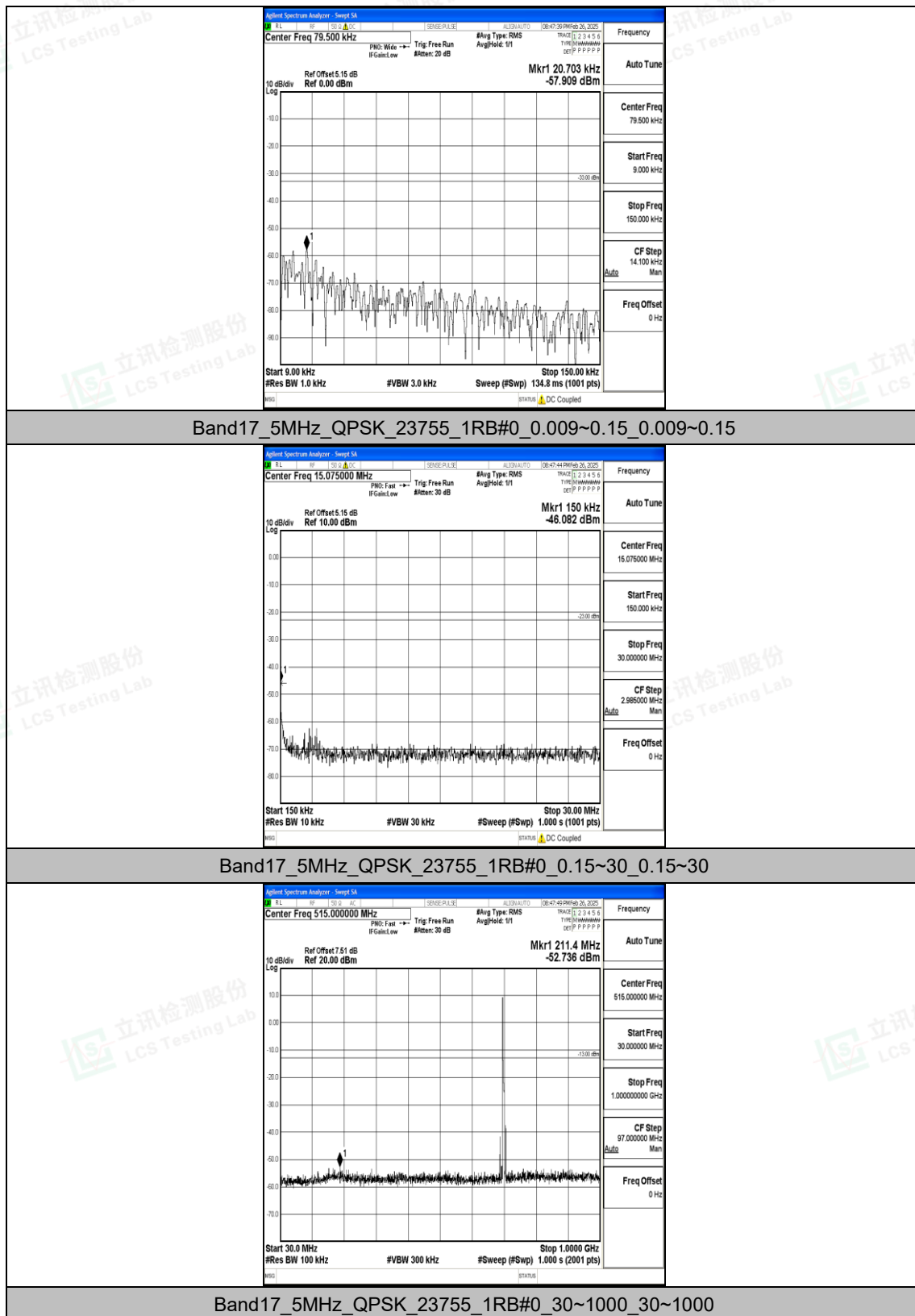
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

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Test Graphs

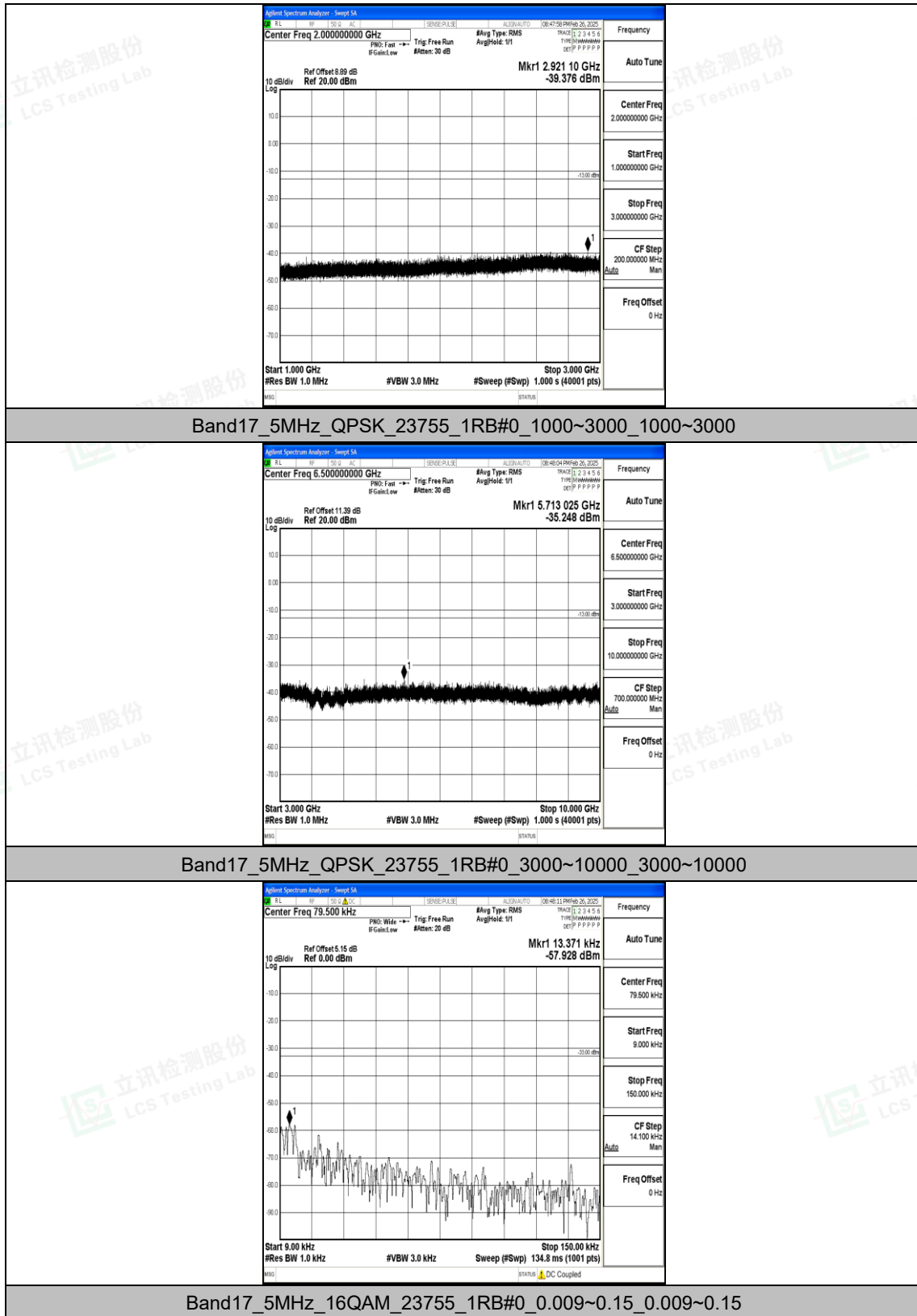


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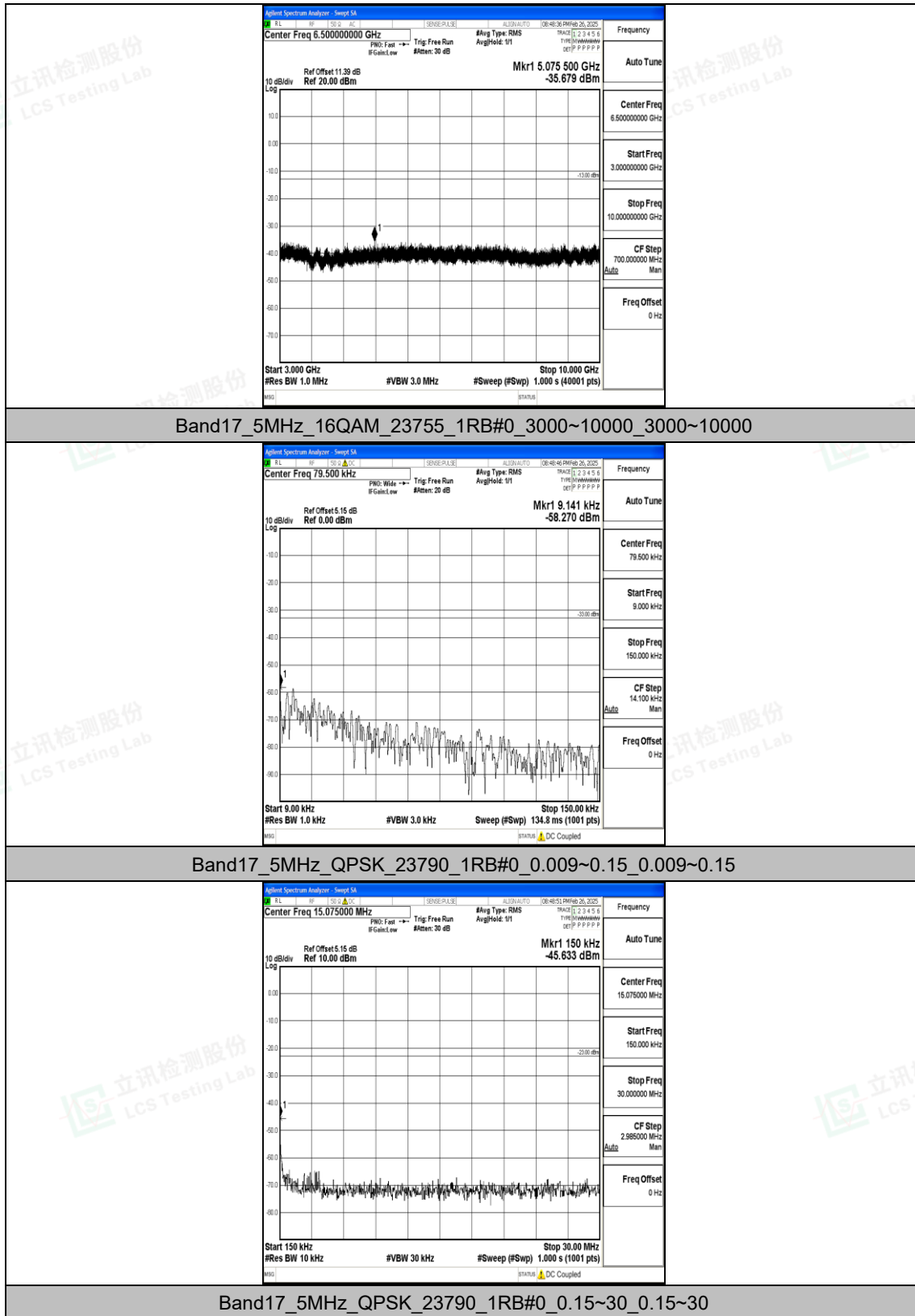


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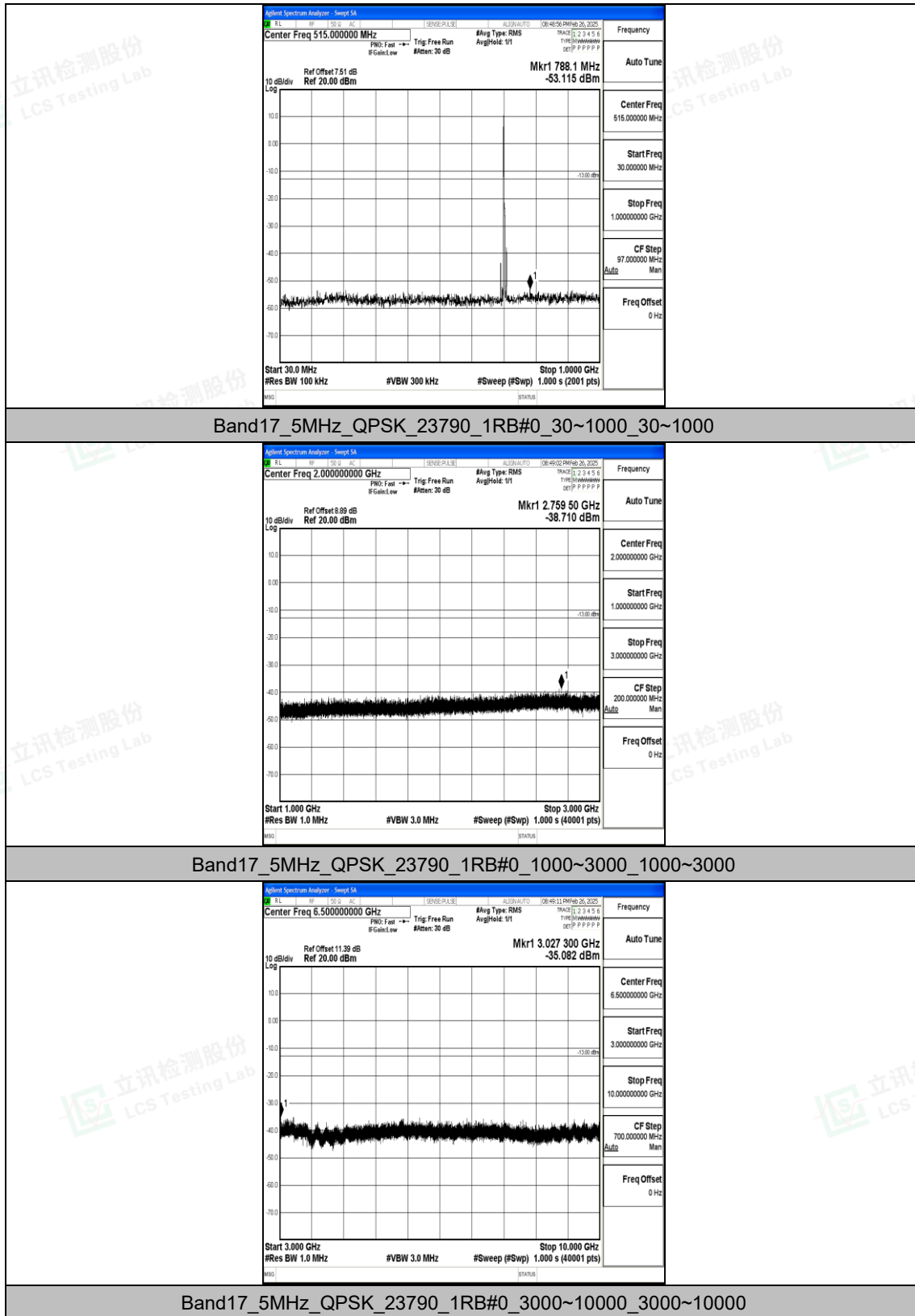


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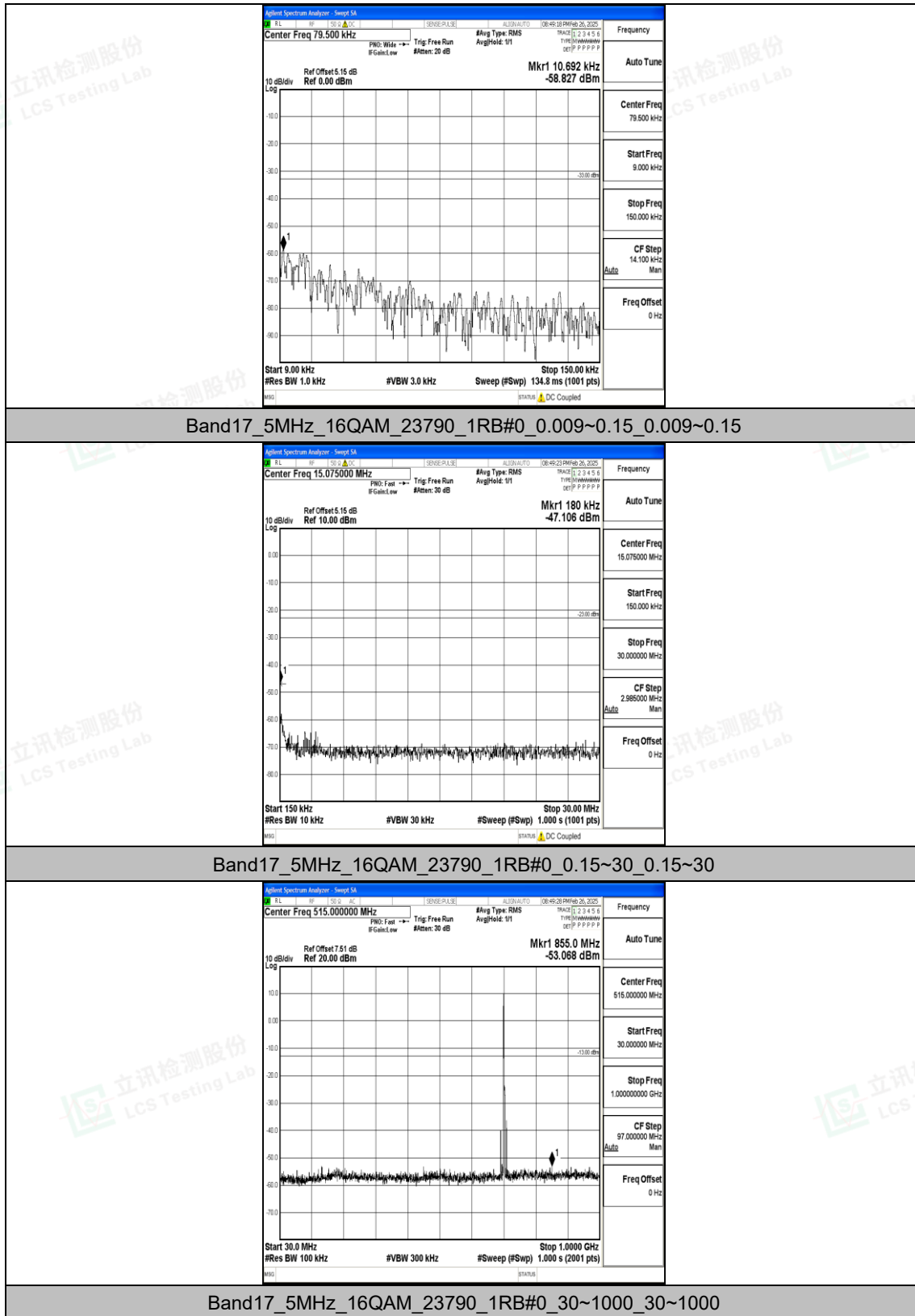


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