



Appendix M: Test Data for E-UTRA Band 17

Product Name: Mobile phone

Test Model: F175

Environmental Conditions

Temperature:	25.2°C
Relative Humidity:	54.8%
ATM Pressure:	100.0 kPa
Test Engineer:	Jerry Chu
Supervised by:	Can Kun



M.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	24.72	PASS
Band17	5MHz	QPSK	23755	1RB#12	25.17	PASS
Band17	5MHz	QPSK	23755	1RB#24	24.70	PASS
Band17	5MHz	QPSK	23755	12RB#0	23.72	PASS
Band17	5MHz	QPSK	23755	12RB#6	23.81	PASS
Band17	5MHz	QPSK	23755	12RB#13	23.70	PASS
Band17	5MHz	QPSK	23755	25RB#0	23.75	PASS
Band17	5MHz	16QAM	23755	1RB#0	23.72	PASS
Band17	5MHz	16QAM	23755	1RB#12	24.44	PASS
Band17	5MHz	16QAM	23755	1RB#24	23.69	PASS
Band17	5MHz	16QAM	23755	12RB#0	22.76	PASS
Band17	5MHz	16QAM	23755	12RB#6	22.83	PASS
Band17	5MHz	16QAM	23755	12RB#13	22.80	PASS
Band17	5MHz	16QAM	23755	25RB#0	22.82	PASS
Band17	5MHz	QPSK	23790	1RB#0	24.66	PASS
Band17	5MHz	QPSK	23790	1RB#12	25.02	PASS
Band17	5MHz	QPSK	23790	1RB#24	24.66	PASS
Band17	5MHz	QPSK	23790	12RB#0	23.70	PASS
Band17	5MHz	QPSK	23790	12RB#6	23.73	PASS
Band17	5MHz	QPSK	23790	12RB#13	23.61	PASS
Band17	5MHz	QPSK	23790	25RB#0	23.69	PASS
Band17	5MHz	16QAM	23790	1RB#0	23.63	PASS
Band17	5MHz	16QAM	23790	1RB#12	24.12	PASS
Band17	5MHz	16QAM	23790	1RB#24	23.65	PASS
Band17	5MHz	16QAM	23790	12RB#0	22.69	PASS
Band17	5MHz	16QAM	23790	12RB#6	22.85	PASS
Band17	5MHz	16QAM	23790	12RB#13	22.64	PASS
Band17	5MHz	16QAM	23790	25RB#0	22.73	PASS
Band17	5MHz	QPSK	23825	1RB#0	24.68	PASS
Band17	5MHz	QPSK	23825	1RB#12	24.76	PASS
Band17	5MHz	QPSK	23825	1RB#24	24.61	PASS
Band17	5MHz	QPSK	23825	12RB#0	23.72	PASS
Band17	5MHz	QPSK	23825	12RB#6	23.76	PASS
Band17	5MHz	QPSK	23825	12RB#13	23.66	PASS
Band17	5MHz	QPSK	23825	25RB#0	23.69	PASS



Band17	5MHz	16QAM	23825	1RB#0	23.81	PASS
Band17	5MHz	16QAM	23825	1RB#12	24.22	PASS
Band17	5MHz	16QAM	23825	1RB#24	23.79	PASS
Band17	5MHz	16QAM	23825	12RB#0	22.80	PASS
Band17	5MHz	16QAM	23825	12RB#6	22.90	PASS
Band17	5MHz	16QAM	23825	12RB#13	22.67	PASS
Band17	5MHz	16QAM	23825	25RB#0	22.71	PASS
Band17	10MHz	QPSK	23780	1RB#0	24.74	PASS
Band17	10MHz	QPSK	23780	1RB#24	24.91	PASS
Band17	10MHz	QPSK	23780	1RB#49	24.75	PASS
Band17	10MHz	QPSK	23780	25RB#0	23.85	PASS
Band17	10MHz	QPSK	23780	25RB#12	23.73	PASS
Band17	10MHz	QPSK	23780	25RB#25	23.65	PASS
Band17	10MHz	QPSK	23780	50RB#0	23.72	PASS
Band17	10MHz	16QAM	23780	1RB#0	23.60	PASS
Band17	10MHz	16QAM	23780	1RB#24	24.14	PASS
Band17	10MHz	16QAM	23780	1RB#49	23.64	PASS
Band17	10MHz	16QAM	23780	25RB#0	22.90	PASS
Band17	10MHz	16QAM	23780	25RB#12	22.80	PASS
Band17	10MHz	16QAM	23780	25RB#25	22.77	PASS
Band17	10MHz	16QAM	23780	50RB#0	22.80	PASS
Band17	10MHz	QPSK	23790	1RB#0	24.68	PASS
Band17	10MHz	QPSK	23790	1RB#24	24.86	PASS
Band17	10MHz	QPSK	23790	1RB#49	24.63	PASS
Band17	10MHz	QPSK	23790	25RB#0	23.79	PASS
Band17	10MHz	QPSK	23790	25RB#12	23.73	PASS
Band17	10MHz	QPSK	23790	25RB#25	23.56	PASS
Band17	10MHz	QPSK	23790	50RB#0	23.68	PASS
Band17	10MHz	16QAM	23790	1RB#0	23.87	PASS
Band17	10MHz	16QAM	23790	1RB#24	24.12	PASS
Band17	10MHz	16QAM	23790	1RB#49	23.77	PASS
Band17	10MHz	16QAM	23790	25RB#0	22.84	PASS
Band17	10MHz	16QAM	23790	25RB#12	22.81	PASS
Band17	10MHz	16QAM	23790	25RB#25	22.67	PASS
Band17	10MHz	16QAM	23790	50RB#0	22.73	PASS
Band17	10MHz	QPSK	23800	1RB#0	24.75	PASS
Band17	10MHz	QPSK	23800	1RB#24	24.86	PASS
Band17	10MHz	QPSK	23800	1RB#49	24.65	PASS
Band17	10MHz	QPSK	23800	25RB#0	23.77	PASS
Band17	10MHz	QPSK	23800	25RB#12	23.74	PASS
Band17	10MHz	QPSK	23800	25RB#25	23.61	PASS



Band17	10MHz	QPSK	23800	50RB#0	23.70	PASS
Band17	10MHz	16QAM	23800	1RB#0	23.89	PASS
Band17	10MHz	16QAM	23800	1RB#24	24.27	PASS
Band17	10MHz	16QAM	23800	1RB#49	23.78	PASS
Band17	10MHz	16QAM	23800	25RB#0	22.87	PASS
Band17	10MHz	16QAM	23800	25RB#12	22.85	PASS
Band17	10MHz	16QAM	23800	25RB#25	22.73	PASS
Band17	10MHz	16QAM	23800	50RB#0	22.78	PASS



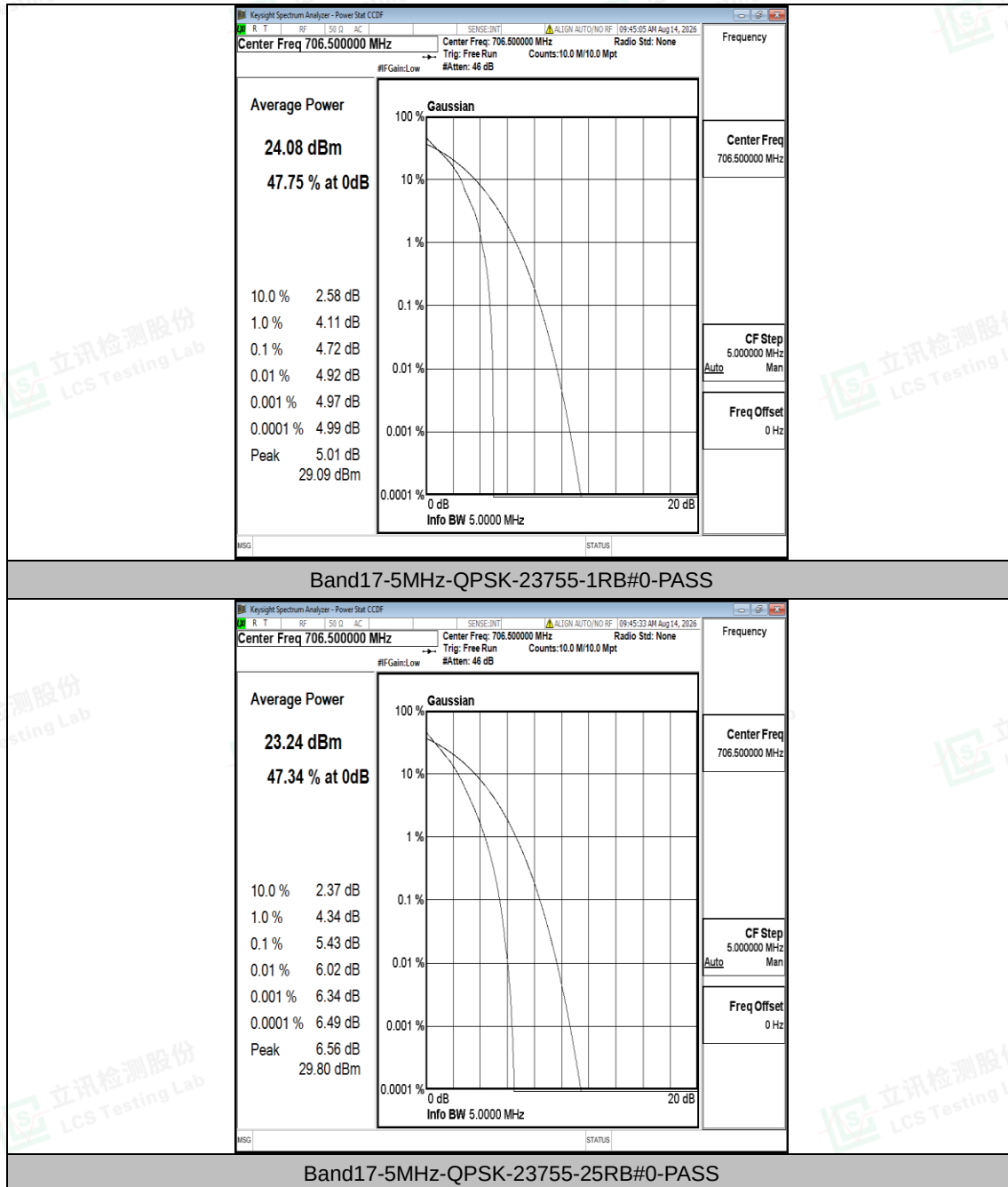
M.2 Peak-to-Average Ratio(CCDF)

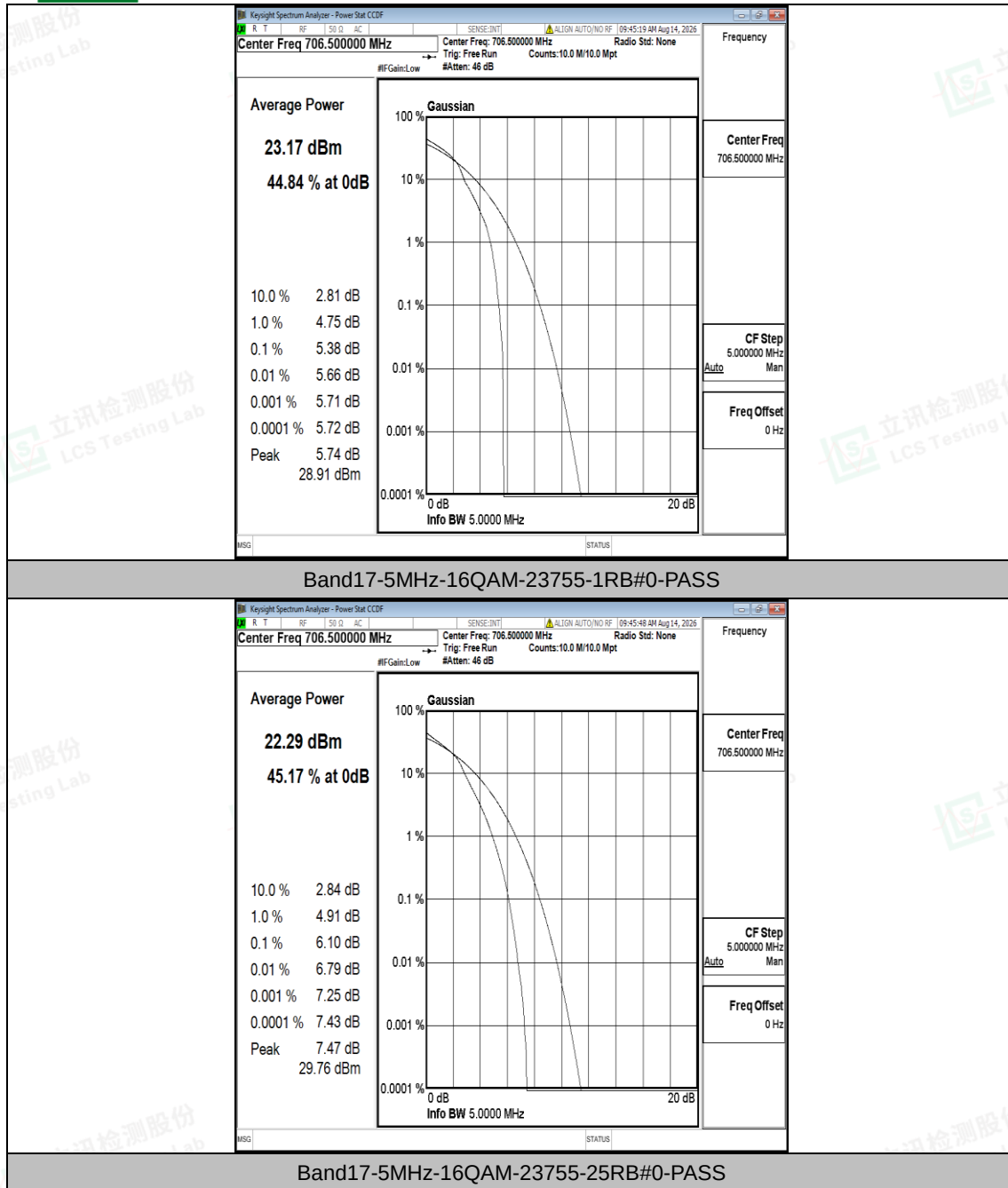
Test Result

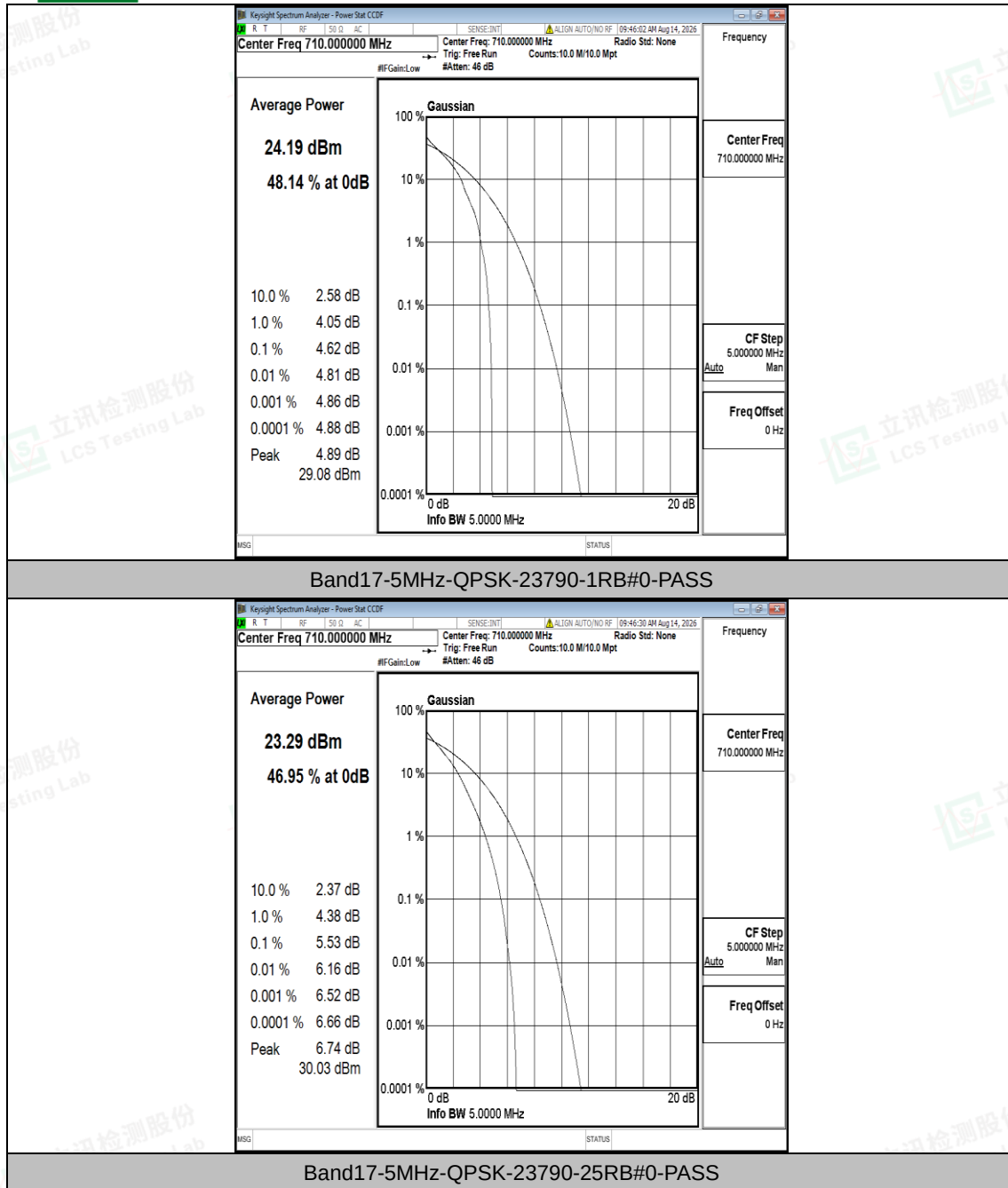
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	4.72	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	5.43	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	5.38	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	6.10	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	4.62	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	5.53	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	5.28	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.18	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	4.89	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.45	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	5.60	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	6.18	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	4.51	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.45	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	5.39	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.17	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	4.36	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.41	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	5.13	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.19	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	4.42	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.41	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	5.38	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.19	13	PASS

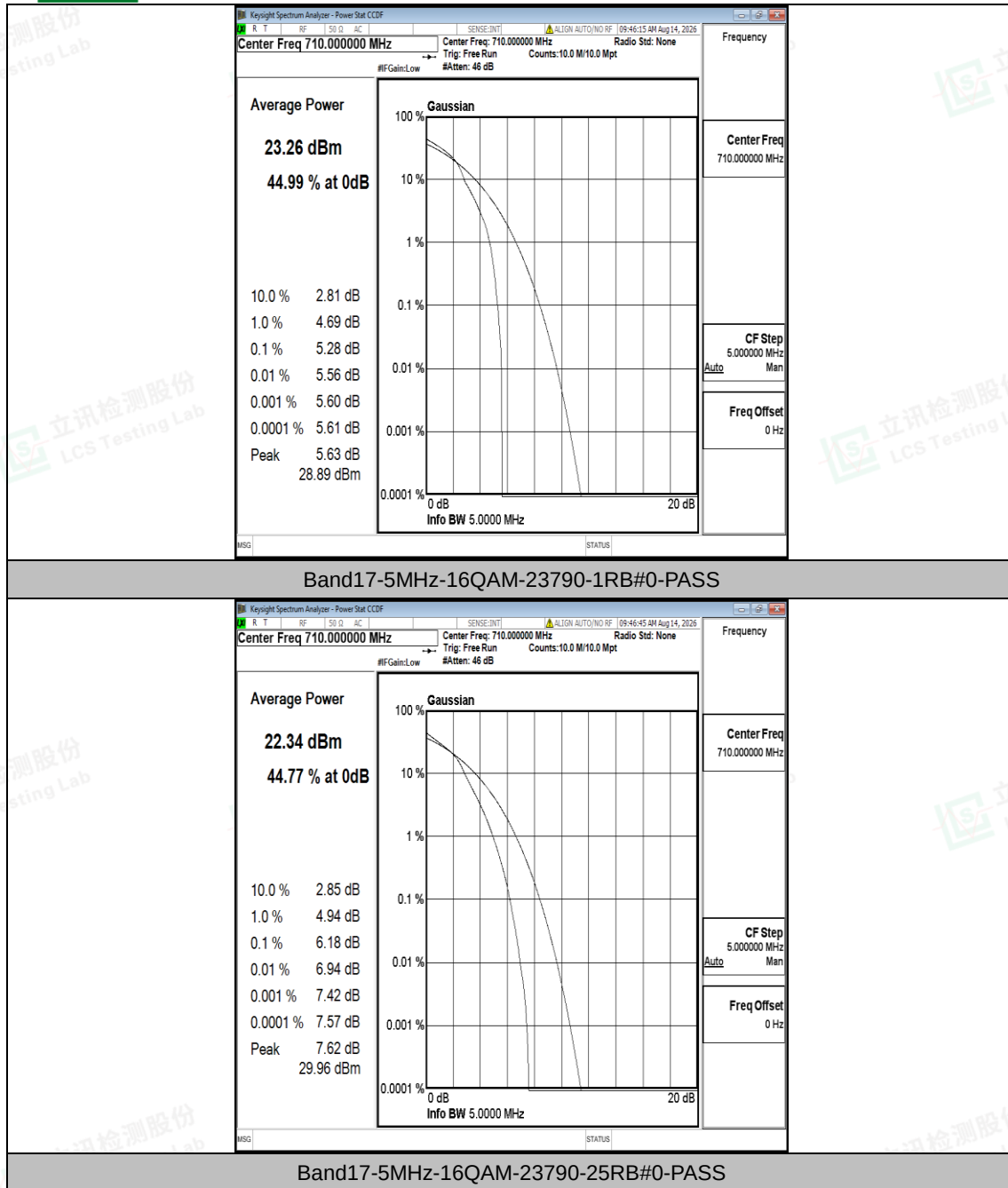


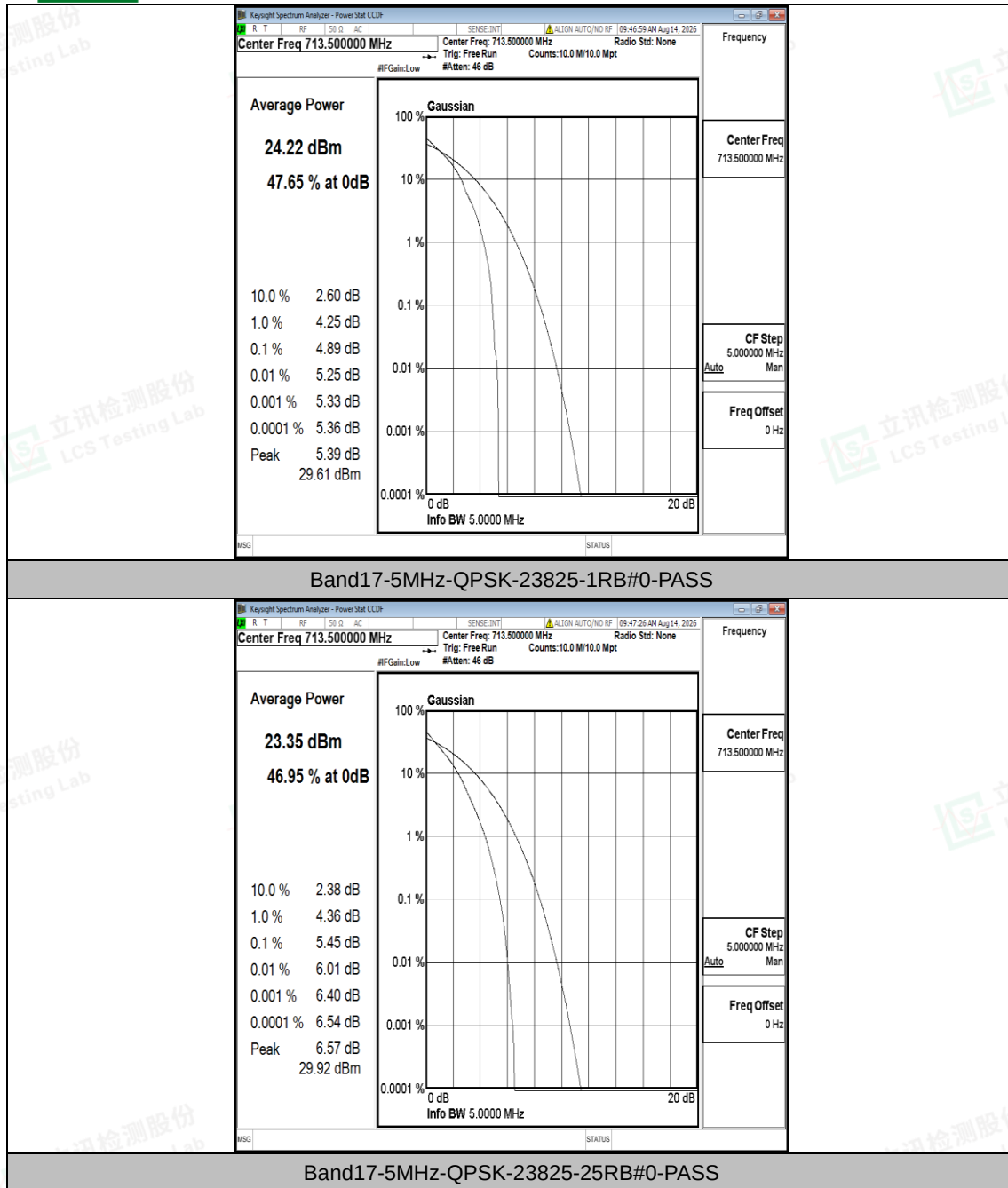
Test Graphs

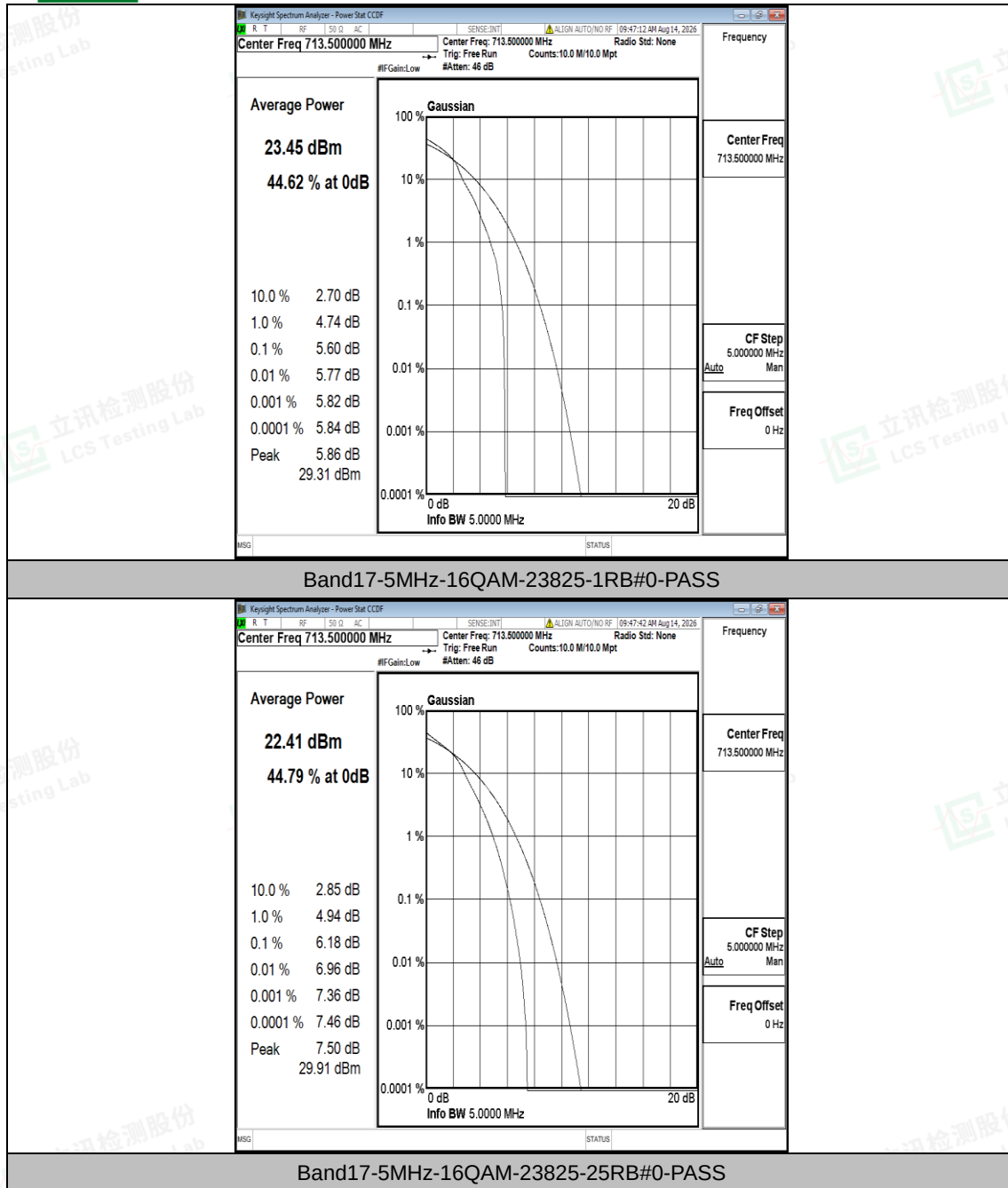


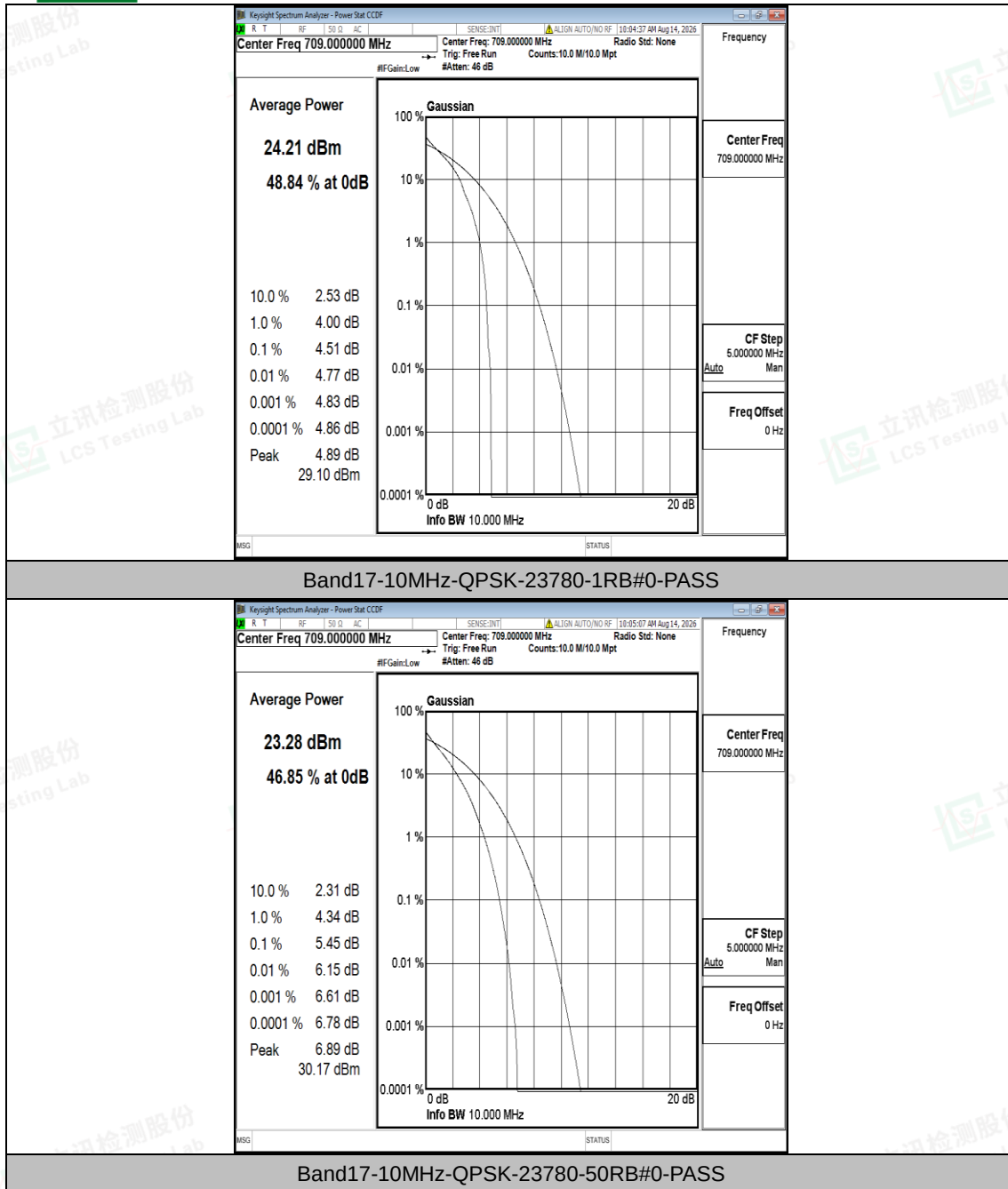


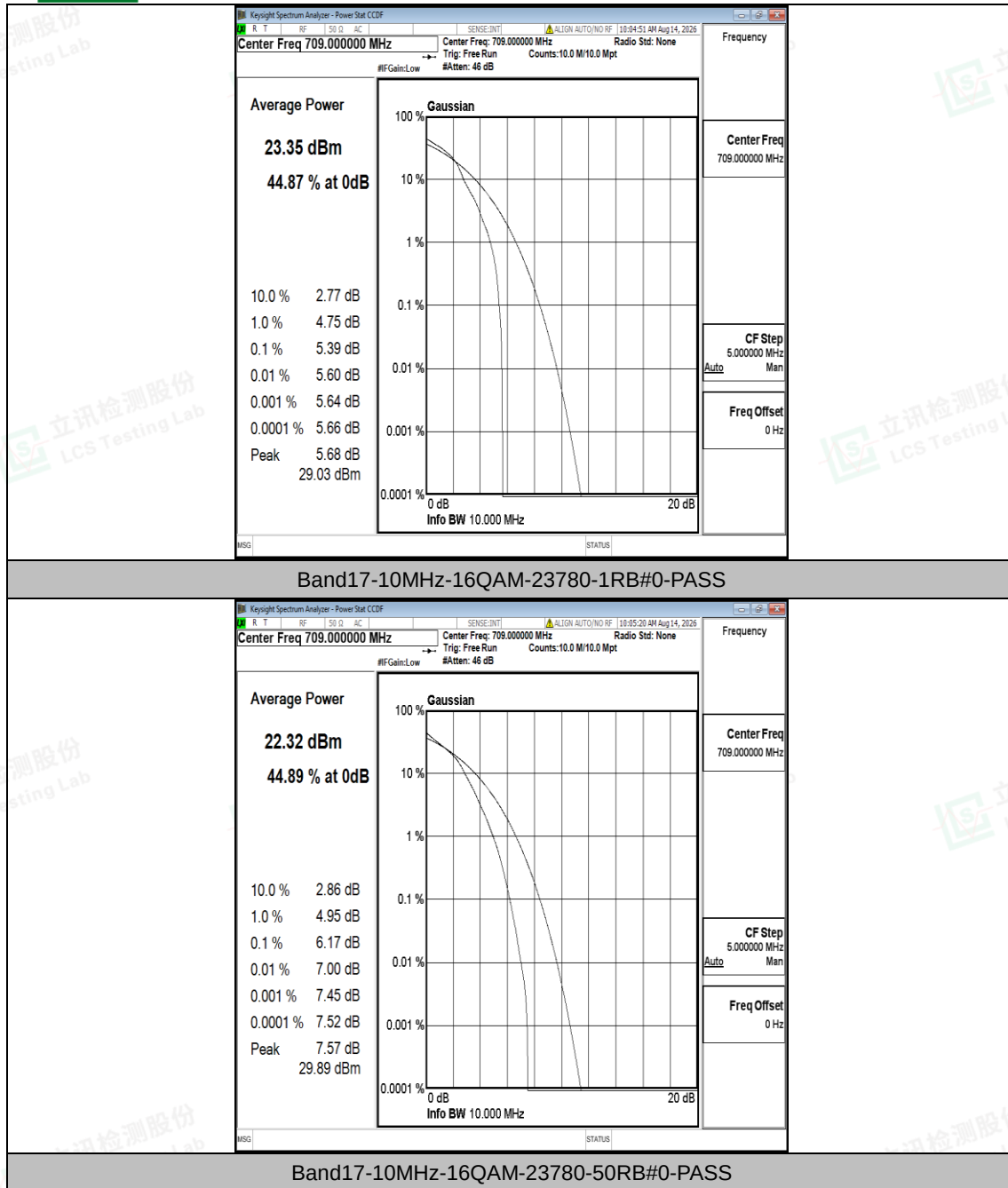


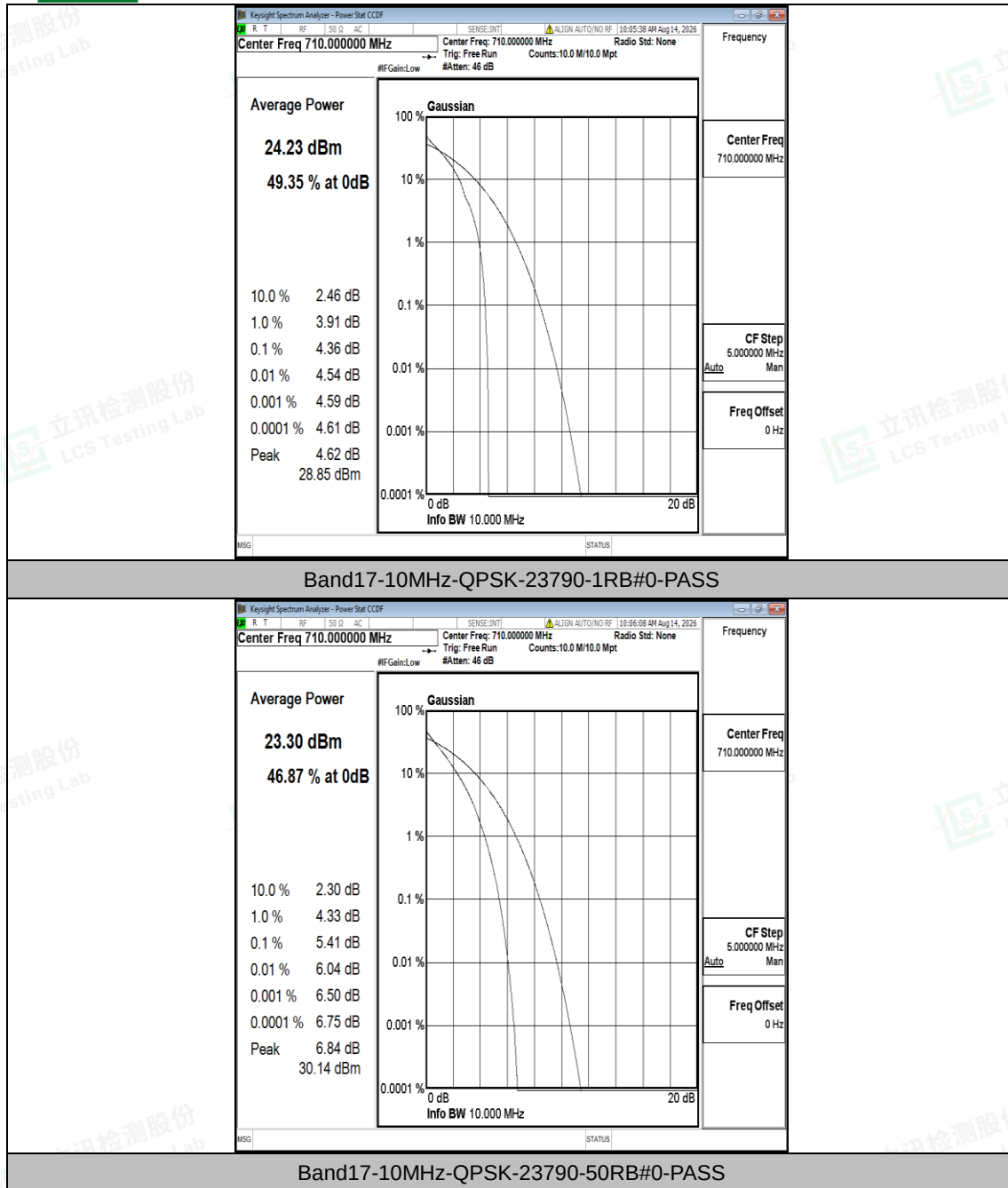


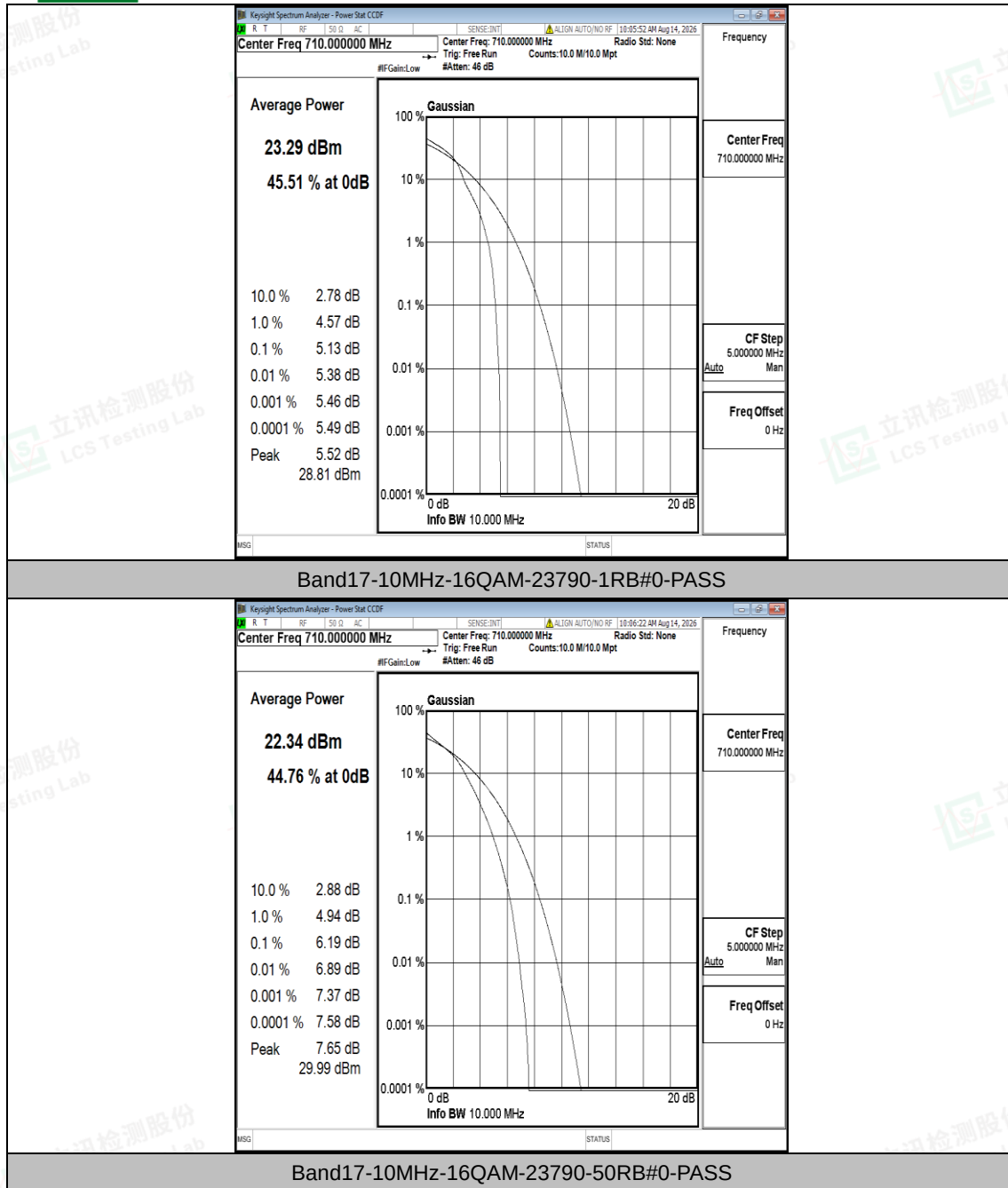


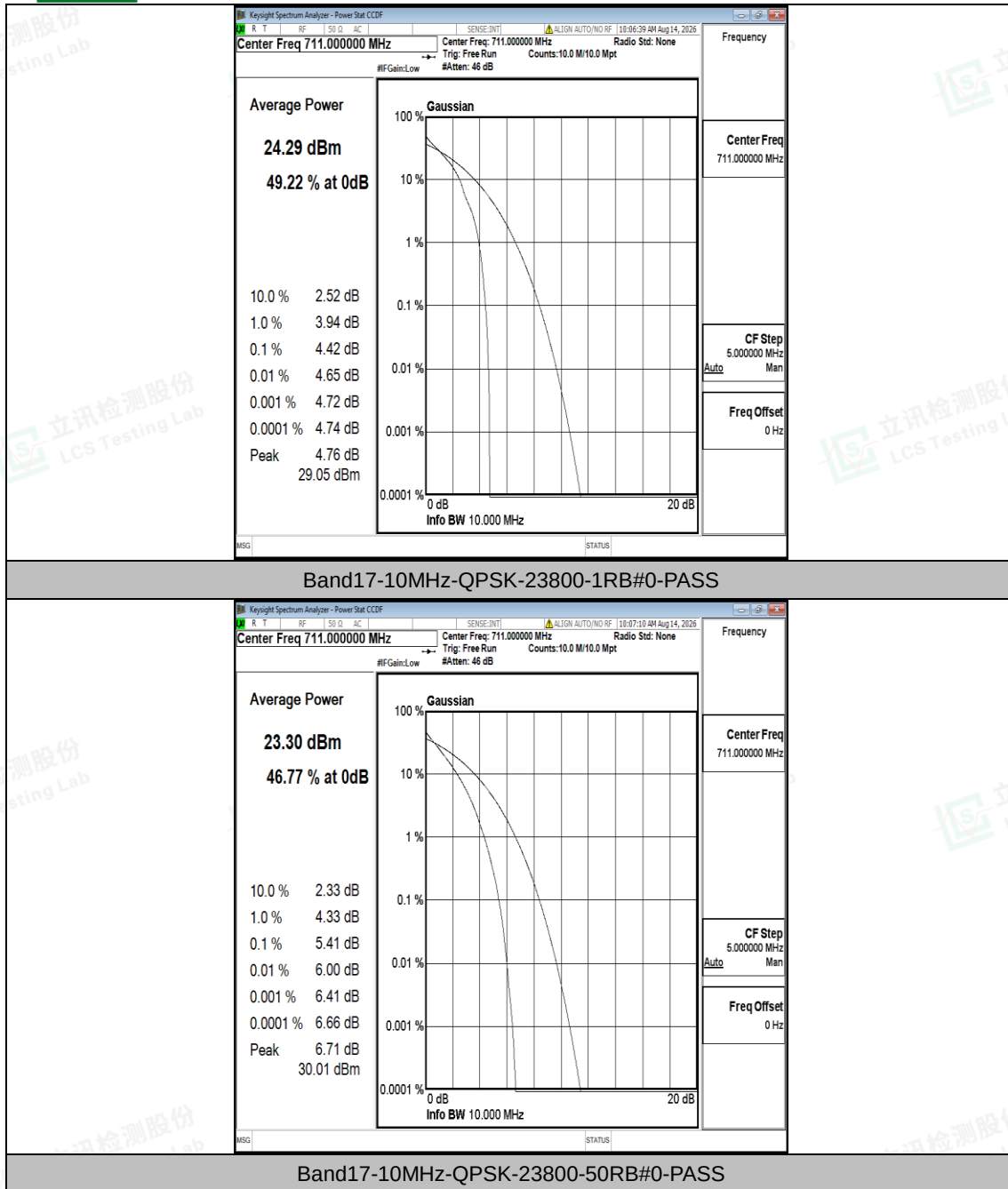


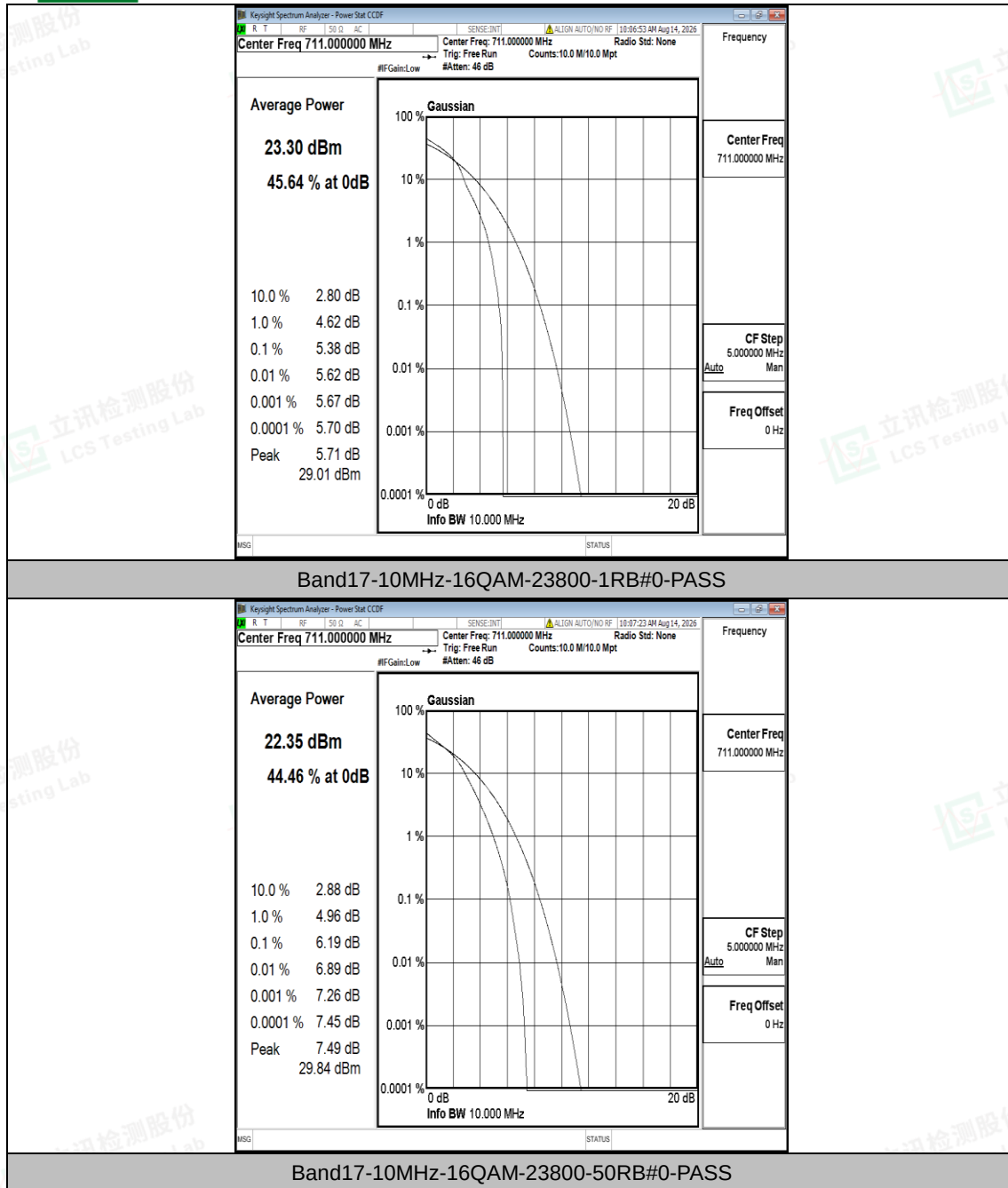














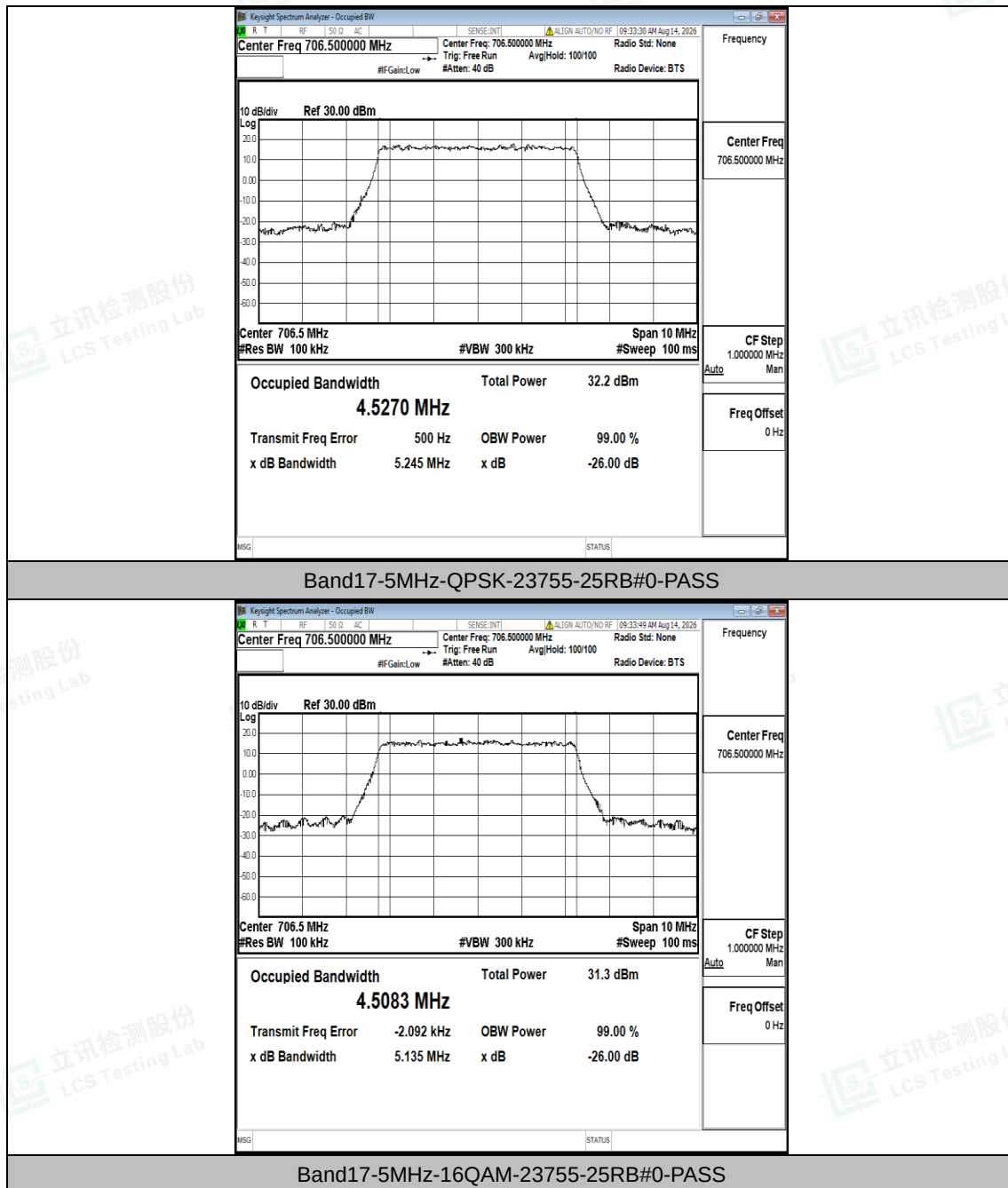
M.3 26dB Bandwidth and Occupied Bandwidth

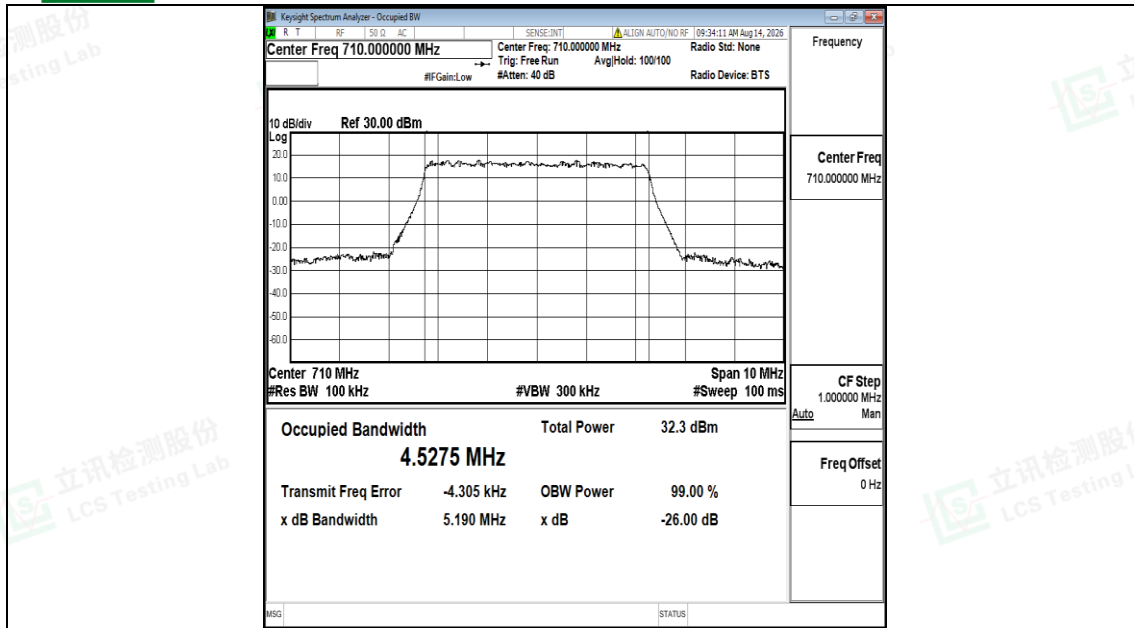
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.5270	5.245	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5083	5.135	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5275	5.190	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5065	5.134	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5097	5.205	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5408	5.229	PASS
Band17	10MHz	QPSK	23780	50RB#0	9.0141	10.20	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9893	9.957	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9899	10.14	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9931	10.11	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9710	10.04	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9923	10.10	PASS

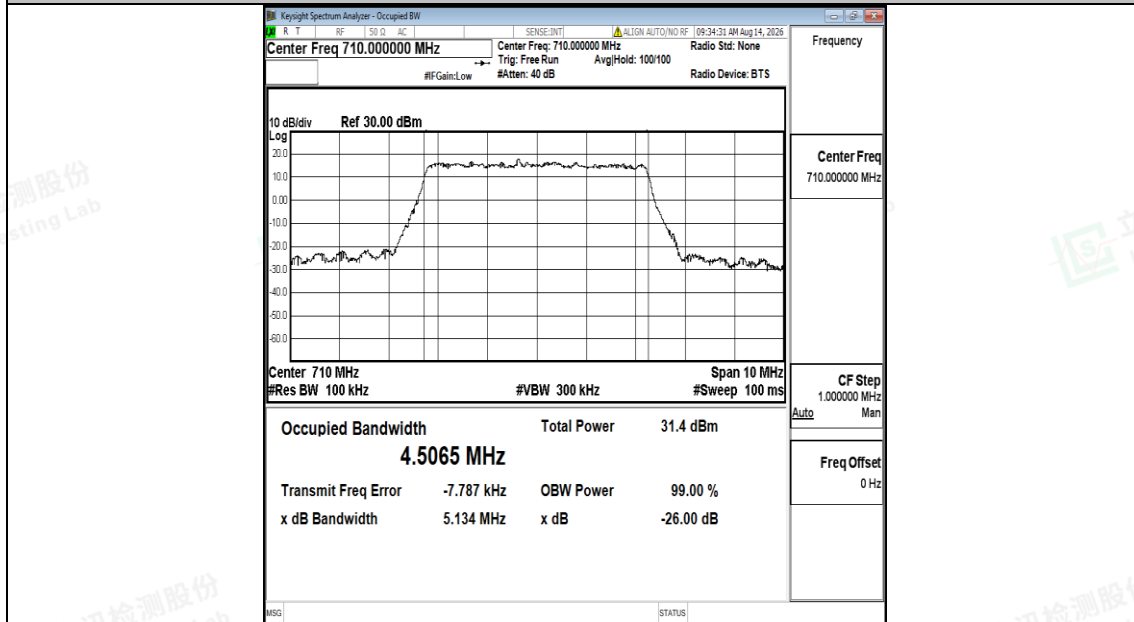


Test Graphs

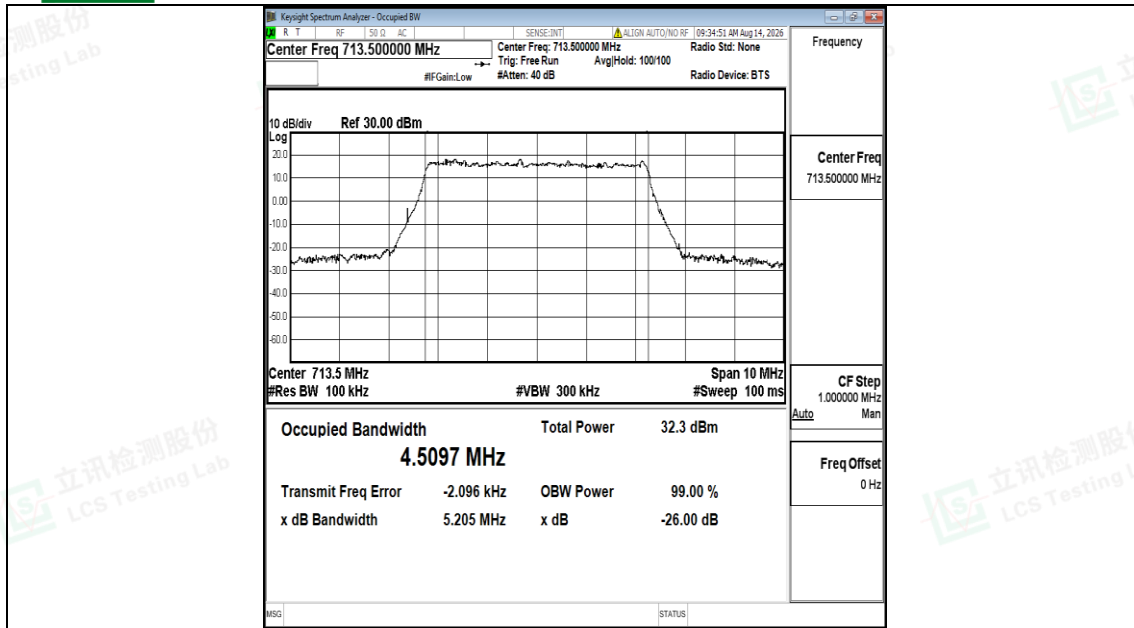




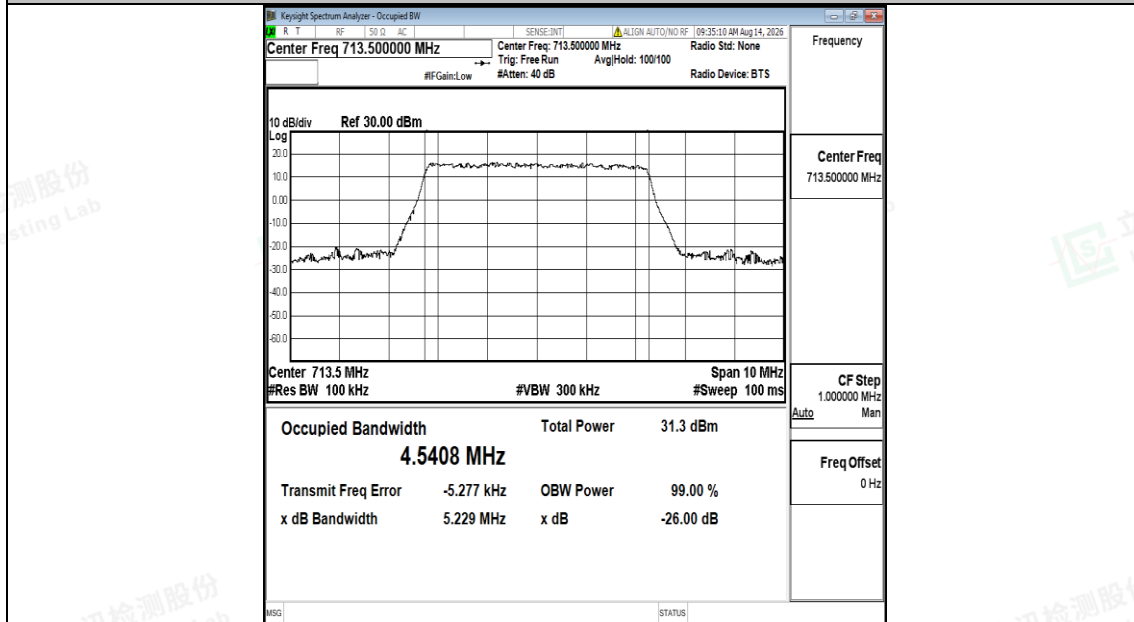
Band17-5MHz-QPSK-23790-25RB#0-PASS



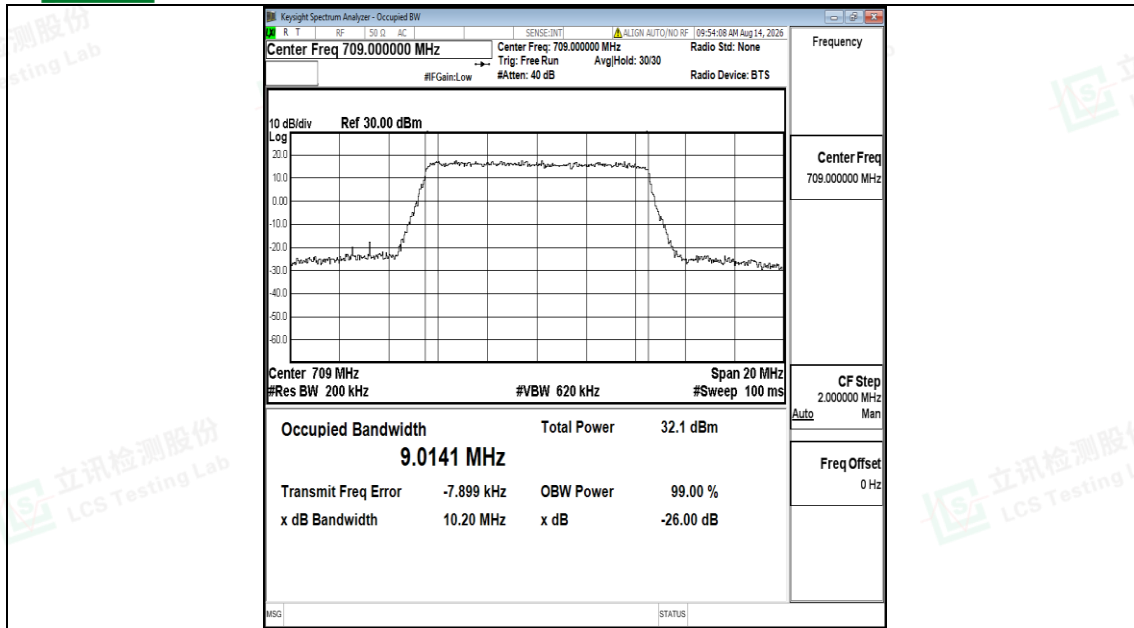
Band17-5MHz-16QAM-23790-25RB#0-PASS



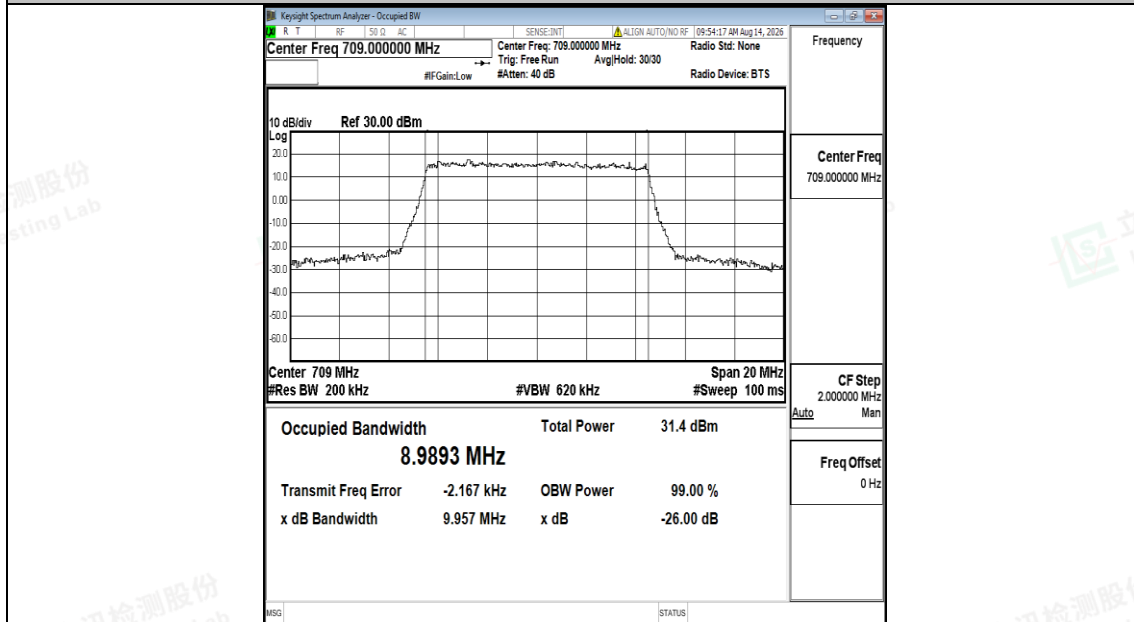
Band17-5MHz-QPSK-23825-25RB#0-PASS



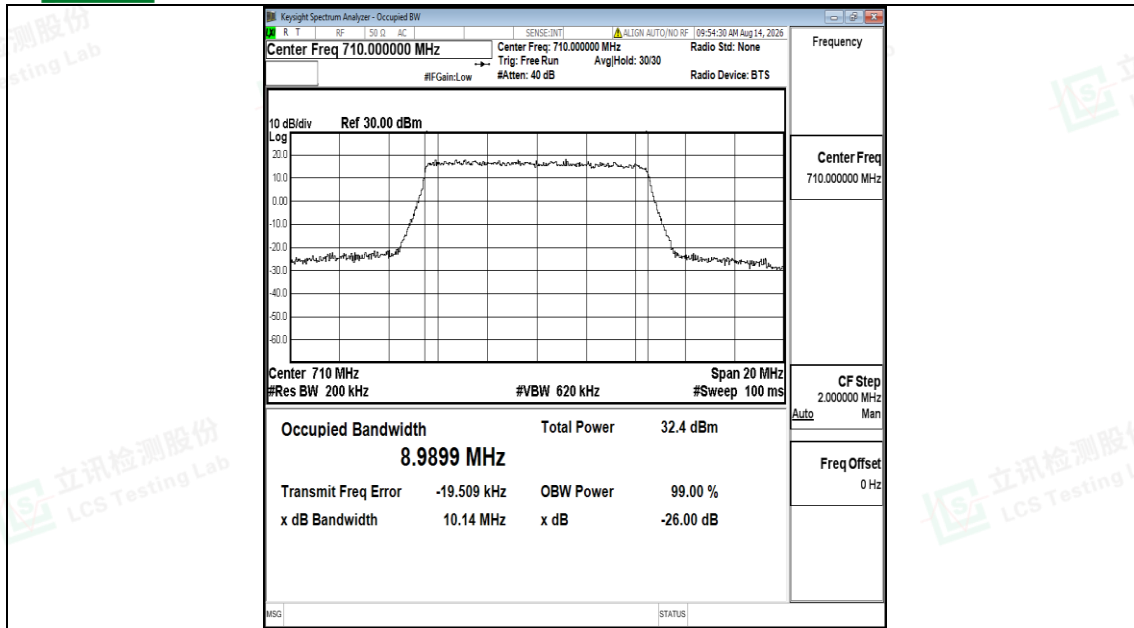
Band17-5MHz-16QAM-23825-25RB#0-PASS



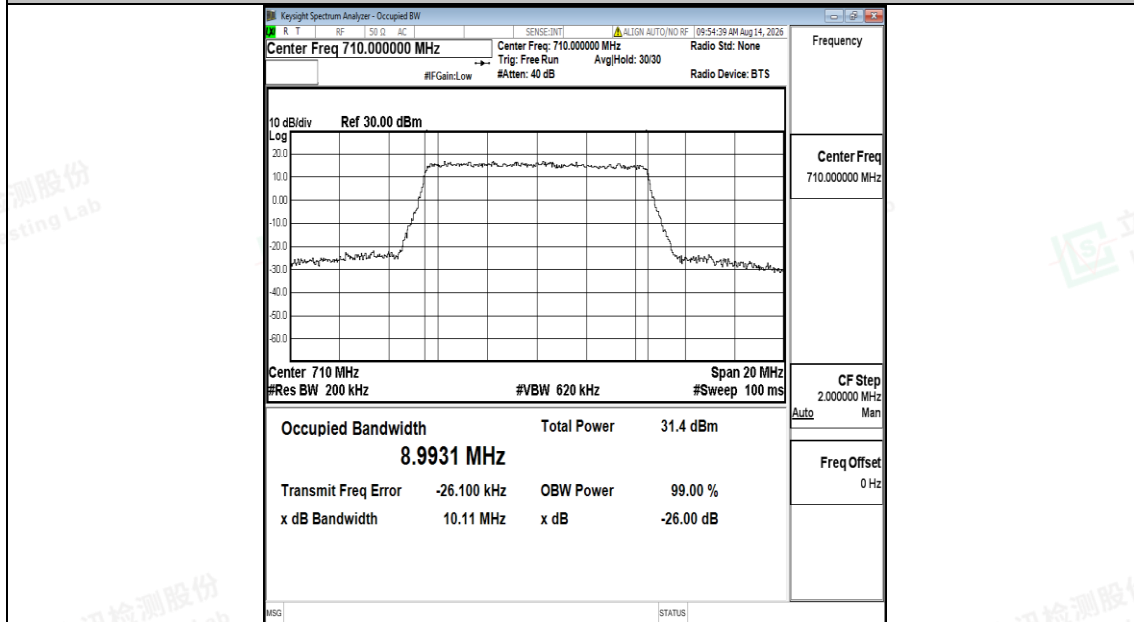
Band17-10MHz-QPSK-23780-50RB#0-PASS



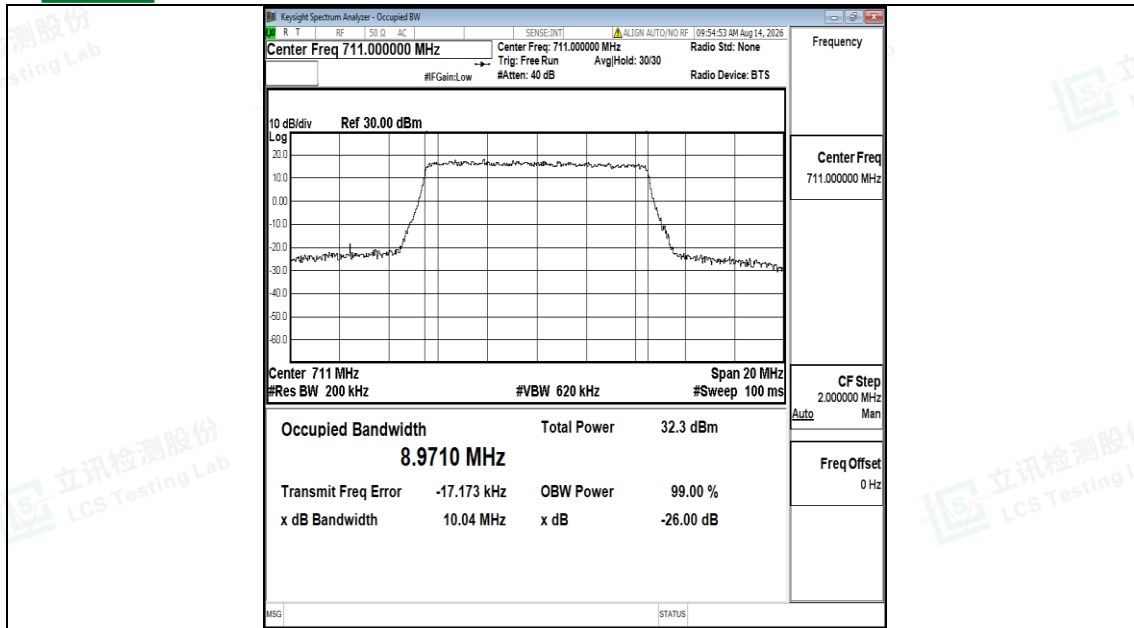
Band17-10MHz-16QAM-23780-50RB#0-PASS



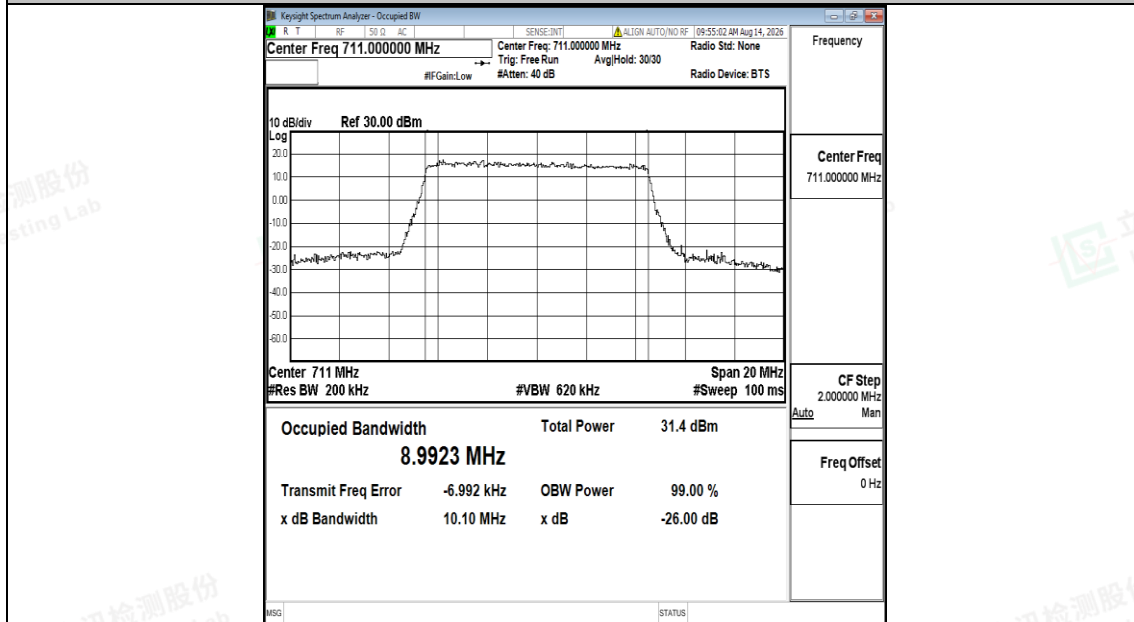
Band17-10MHz-QPSK-23790-50RB#0-PASS



Band17-10MHz-16QAM-23790-50RB#0-PASS



Band17-10MHz-QPSK-23800-50RB#0-PASS



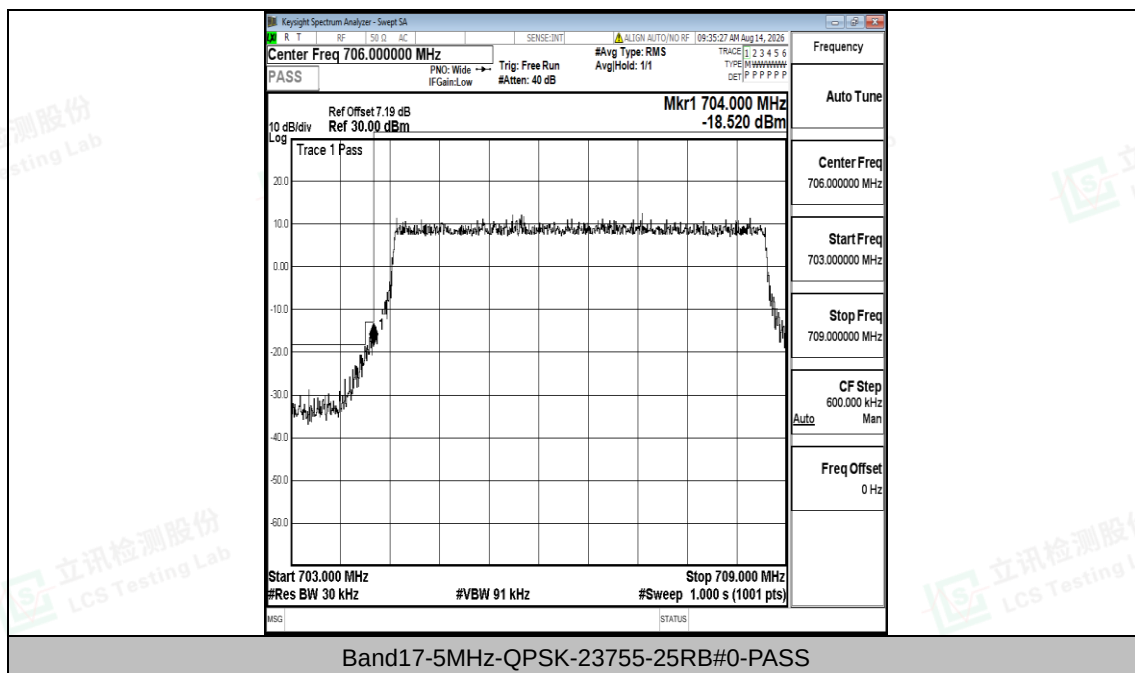
Band17-10MHz-16QAM-23800-50RB#0-PASS

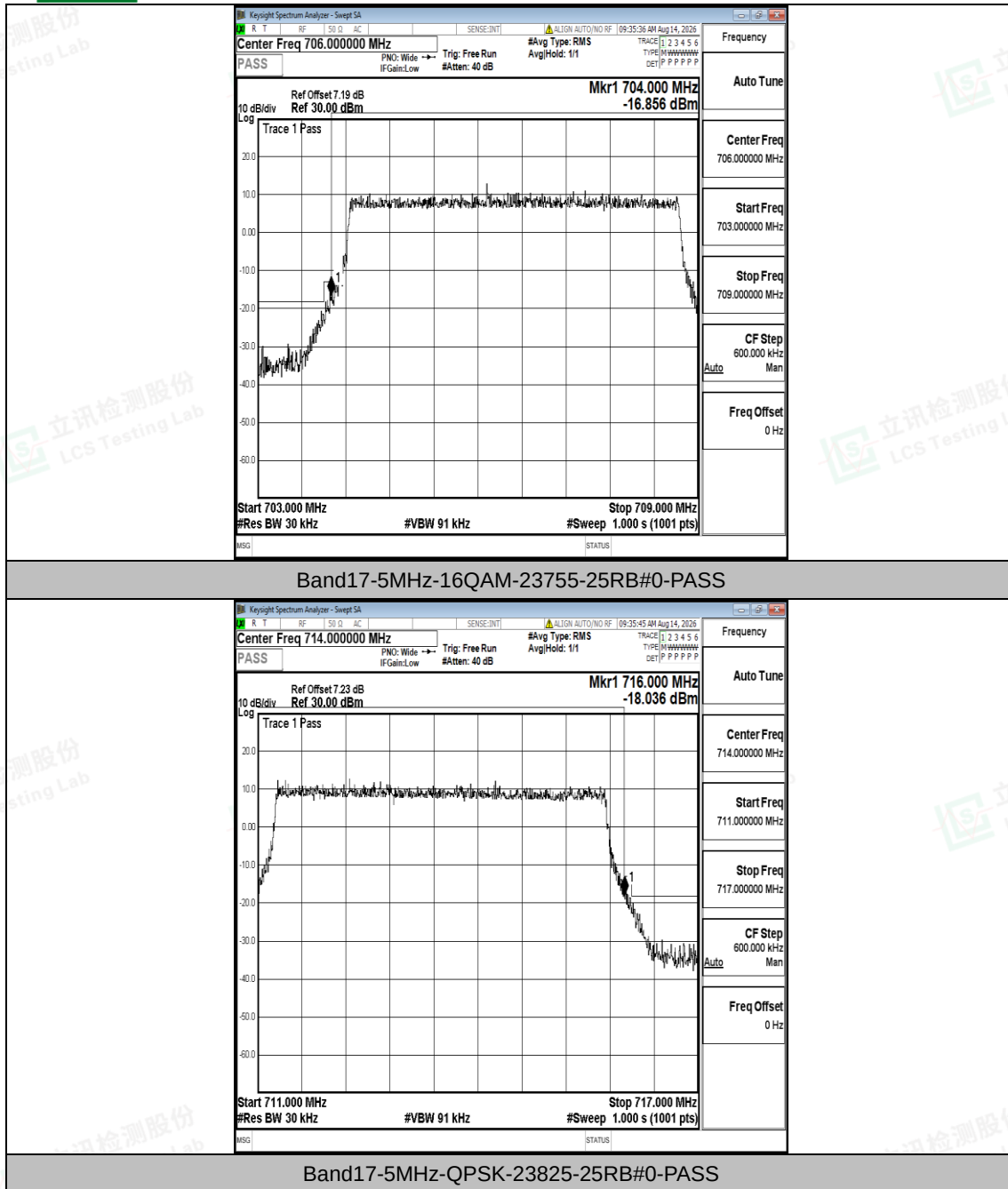
M.4 Band Edge

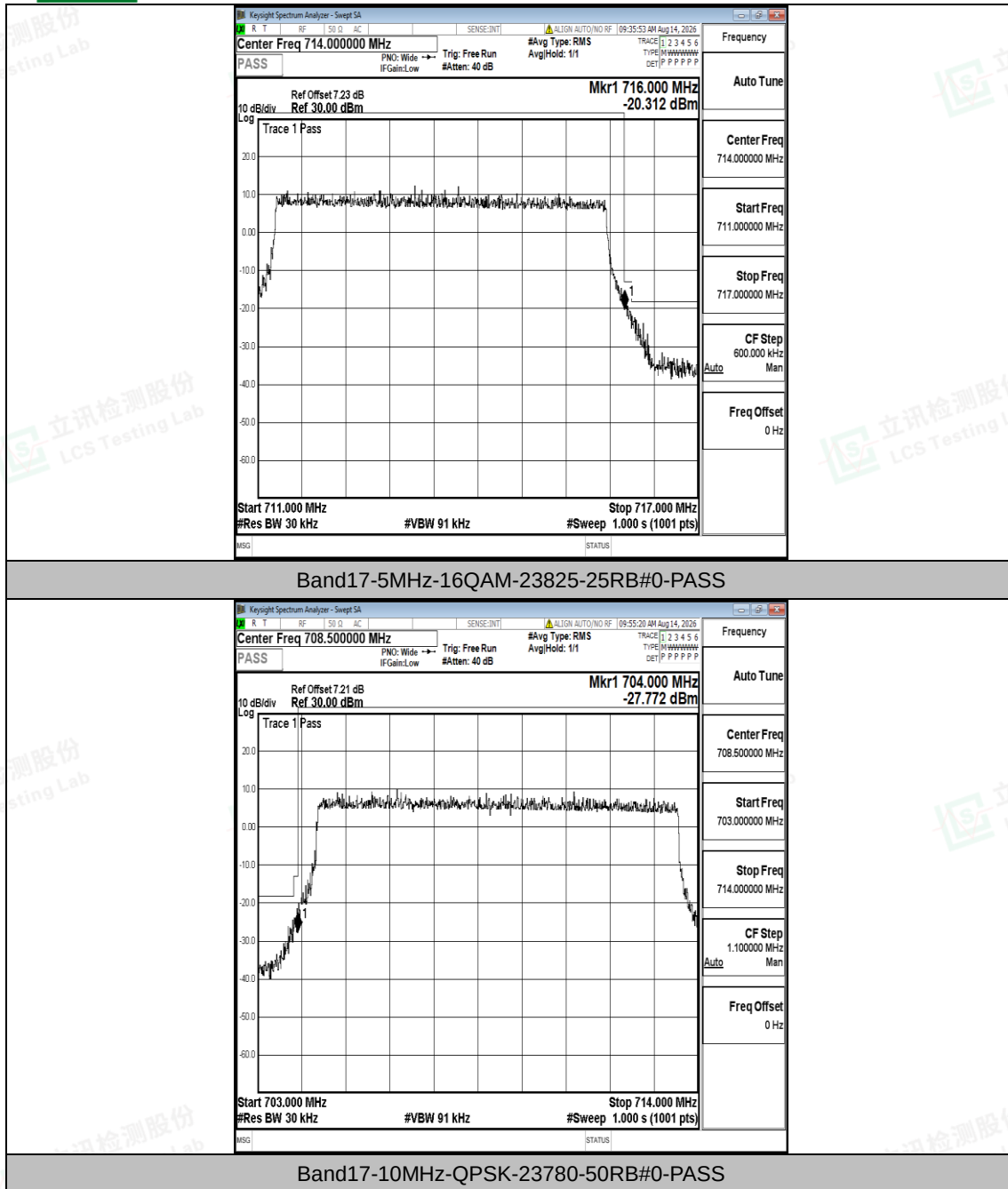
Test Result

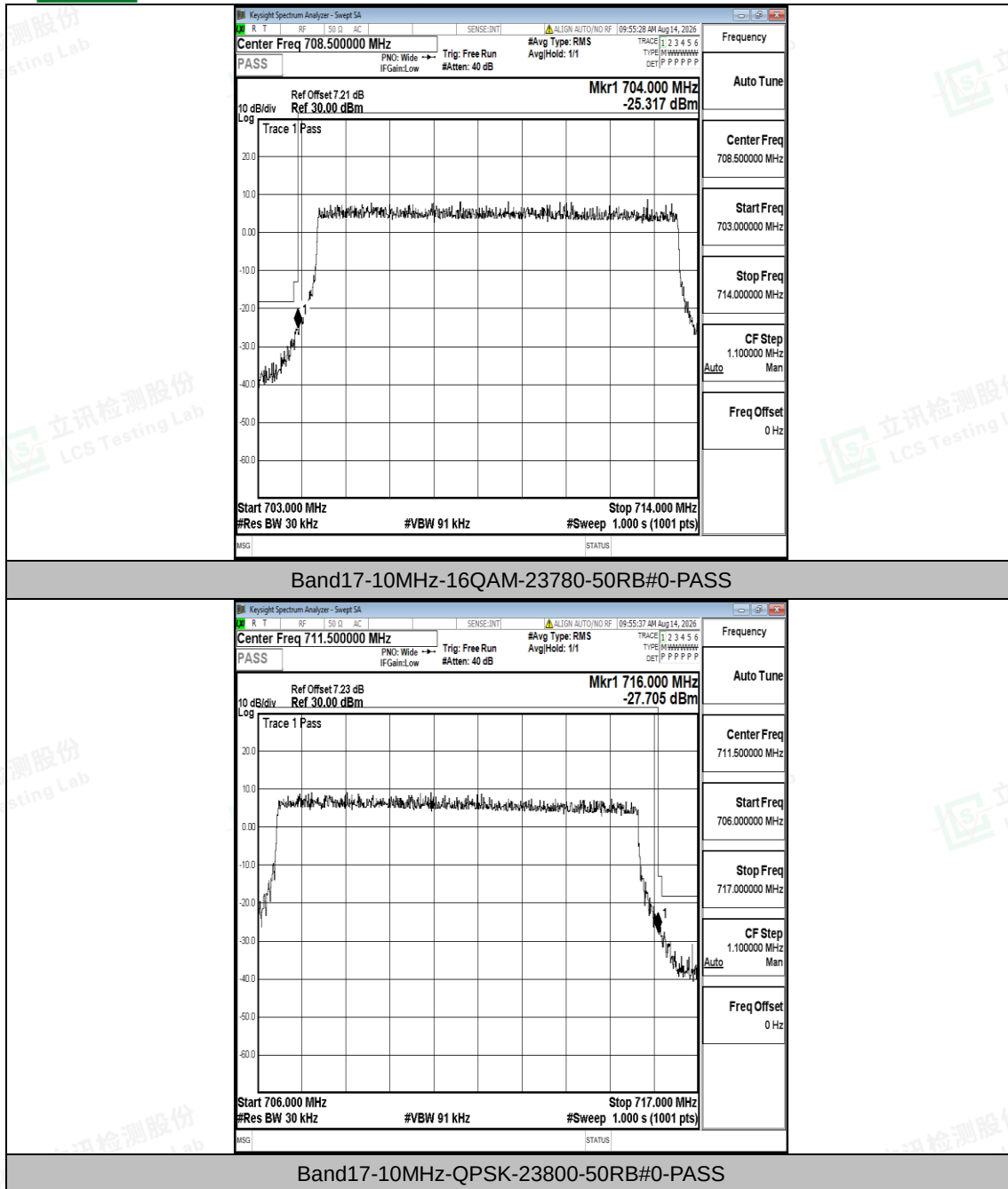
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	704.00	-21.00	PASS
Band17	5MHz	16QAM	23755	25RB#0	704.00	-15.00	PASS
Band17	5MHz	QPSK	23825	25RB#0	716.00	-20.00	PASS
Band17	5MHz	16QAM	23825	25RB#0	716.00	-22.00	PASS
Band17	10MHz	QPSK	23780	50RB#0	704.00	-24.00	PASS
Band17	10MHz	16QAM	23780	50RB#0	704.00	-28.00	PASS
Band17	10MHz	QPSK	23800	50RB#0	716.00	-28.00	PASS
Band17	10MHz	16QAM	23800	50RB#0	716.00	-29.00	PASS

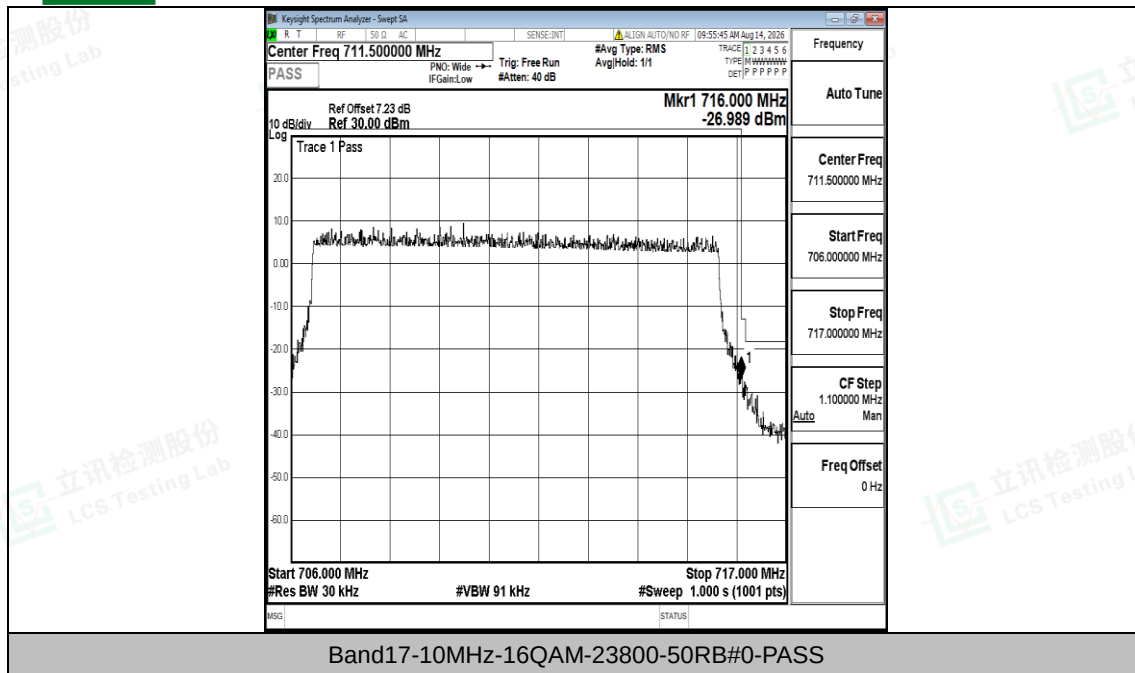
Test Graphs











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M.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	-53.36	PASS
Band17	5MHz	QPSK	23755	1RB#0	0.15~30	-42.93	PASS
Band17	5MHz	QPSK	23755	1RB#0	30~1000	-36.22	PASS
Band17	5MHz	QPSK	23755	1RB#0	1000~3000	-33.68	PASS
Band17	5MHz	QPSK	23755	1RB#0	3000~10000	-34.84	PASS
Band17	5MHz	16QAM	23755	1RB#0	0.009~0.15	-49.57	PASS
Band17	5MHz	16QAM	23755	1RB#0	0.15~30	-43.47	PASS
Band17	5MHz	16QAM	23755	1RB#0	30~1000	-38.90	PASS
Band17	5MHz	16QAM	23755	1RB#0	1000~3000	-33.94	PASS
Band17	5MHz	16QAM	23755	1RB#0	3000~10000	-35.05	PASS
Band17	5MHz	QPSK	23790	1RB#0	0.009~0.15	-49.37	PASS
Band17	5MHz	QPSK	23790	1RB#0	0.15~30	-44.86	PASS
Band17	5MHz	QPSK	23790	1RB#0	30~1000	-36.89	PASS
Band17	5MHz	QPSK	23790	1RB#0	1000~3000	-34.14	PASS
Band17	5MHz	QPSK	23790	1RB#0	3000~10000	-34.53	PASS
Band17	5MHz	16QAM	23790	1RB#0	0.009~0.15	-53.69	PASS
Band17	5MHz	16QAM	23790	1RB#0	0.15~30	-45.96	PASS
Band17	5MHz	16QAM	23790	1RB#0	30~1000	-36.47	PASS
Band17	5MHz	16QAM	23790	1RB#0	1000~3000	-35.15	PASS
Band17	5MHz	16QAM	23790	1RB#0	3000~10000	-35.23	PASS
Band17	5MHz	QPSK	23825	1RB#0	0.009~0.15	-49.30	PASS
Band17	5MHz	QPSK	23825	1RB#0	0.15~30	-46.14	PASS
Band17	5MHz	QPSK	23825	1RB#0	30~1000	-24.51	PASS
Band17	5MHz	QPSK	23825	1RB#0	1000~3000	-35.00	PASS
Band17	5MHz	QPSK	23825	1RB#0	3000~10000	-34.04	PASS
Band17	5MHz	16QAM	23825	1RB#0	0.009~0.15	-49.07	PASS
Band17	5MHz	16QAM	23825	1RB#0	0.15~30	-44.61	PASS
Band17	5MHz	16QAM	23825	1RB#0	30~1000	-26.60	PASS
Band17	5MHz	16QAM	23825	1RB#0	1000~3000	-35.08	PASS
Band17	5MHz	16QAM	23825	1RB#0	3000~10000	-35.39	PASS
Band17	10MHz	QPSK	23780	1RB#0	0.009~0.15	-50.44	PASS
Band17	10MHz	QPSK	23780	1RB#0	0.15~30	-44.05	PASS
Band17	10MHz	QPSK	23780	1RB#0	30~1000	-28.58	PASS
Band17	10MHz	QPSK	23780	1RB#0	1000~3000	-33.63	PASS



Band17	10MHz	QPSK	23780	1RB#0	3000~10000	-34.89	PASS
Band17	10MHz	16QAM	23780	1RB#0	0.009~0.15	-51.18	PASS
Band17	10MHz	16QAM	23780	1RB#0	0.15~30	-45.21	PASS
Band17	10MHz	16QAM	23780	1RB#0	30~1000	-26.44	PASS
Band17	10MHz	16QAM	23780	1RB#0	1000~3000	-32.95	PASS
Band17	10MHz	16QAM	23780	1RB#0	3000~10000	-34.47	PASS
Band17	10MHz	QPSK	23790	1RB#0	0.009~0.15	-56.36	PASS
Band17	10MHz	QPSK	23790	1RB#0	0.15~30	-47.73	PASS
Band17	10MHz	QPSK	23790	1RB#0	30~1000	-33.68	PASS
Band17	10MHz	QPSK	23790	1RB#0	1000~3000	-33.52	PASS
Band17	10MHz	QPSK	23790	1RB#0	3000~10000	-35.04	PASS
Band17	10MHz	16QAM	23790	1RB#0	0.009~0.15	-49.28	PASS
Band17	10MHz	16QAM	23790	1RB#0	0.15~30	-41.21	PASS
Band17	10MHz	16QAM	23790	1RB#0	30~1000	-31.74	PASS
Band17	10MHz	16QAM	23790	1RB#0	1000~3000	-33.63	PASS
Band17	10MHz	16QAM	23790	1RB#0	3000~10000	-34.99	PASS
Band17	10MHz	QPSK	23800	1RB#0	0.009~0.15	-53.20	PASS
Band17	10MHz	QPSK	23800	1RB#0	0.15~30	-47.63	PASS
Band17	10MHz	QPSK	23800	1RB#0	30~1000	-37.07	PASS
Band17	10MHz	QPSK	23800	1RB#0	1000~3000	-34.07	PASS
Band17	10MHz	QPSK	23800	1RB#0	3000~10000	-35.23	PASS
Band17	10MHz	16QAM	23800	1RB#0	0.009~0.15	-47.99	PASS
Band17	10MHz	16QAM	23800	1RB#0	0.15~30	-47.33	PASS
Band17	10MHz	16QAM	23800	1RB#0	30~1000	-37.57	PASS
Band17	10MHz	16QAM	23800	1RB#0	1000~3000	-33.89	PASS
Band17	10MHz	16QAM	23800	1RB#0	3000~10000	-34.78	PASS



Test Graphs

