



Appendix M: Test Data for E-UTRA Band 17

Product Name: TD-LTE digital mobile phone

Test Model: S26 Pro

Environmental Conditions

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



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M.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	23.81	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.48	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.41	PASS
Band17	5MHz	16QAM	23755	1RB#12	23.02	PASS
Band17	5MHz	QPSK	23755	1RB#24	23.49	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.88	PASS
Band17	5MHz	QPSK	23755	12RB#0	22.71	PASS
Band17	5MHz	16QAM	23755	12RB#0	21.90	PASS
Band17	5MHz	QPSK	23755	12RB#6	22.76	PASS
Band17	5MHz	16QAM	23755	12RB#6	21.92	PASS
Band17	5MHz	QPSK	23755	12RB#13	22.69	PASS
Band17	5MHz	16QAM	23755	12RB#13	21.82	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.75	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.90	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.49	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.29	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.53	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.58	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.67	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.49	PASS
Band17	5MHz	QPSK	23790	12RB#0	22.63	PASS
Band17	5MHz	16QAM	23790	12RB#0	21.84	PASS
Band17	5MHz	QPSK	23790	12RB#6	22.64	PASS
Band17	5MHz	16QAM	23790	12RB#6	21.68	PASS
Band17	5MHz	QPSK	23790	12RB#13	22.68	PASS
Band17	5MHz	16QAM	23790	12RB#13	21.81	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.74	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.88	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.67	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.25	PASS
Band17	5MHz	QPSK	23825	1RB#12	23.69	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.15	PASS
Band17	5MHz	QPSK	23825	1RB#24	23.59	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.13	PASS
Band17	5MHz	QPSK	23825	12RB#0	22.68	PASS
Band17	5MHz	16QAM	23825	12RB#0	21.74	PASS
Band17	5MHz	QPSK	23825	12RB#6	22.67	PASS
Band17	5MHz	16QAM	23825	12RB#6	21.74	PASS



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Band17	5MHz	QPSK	23825	12RB#13	22.61	PASS
Band17	5MHz	16QAM	23825	12RB#13	21.83	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.73	PASS
Band17	5MHz	16QAM	23825	25RB#0	22.00	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.47	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.41	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.25	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.70	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.34	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.82	PASS
Band17	10MHz	QPSK	23780	25RB#0	22.51	PASS
Band17	10MHz	16QAM	23780	25RB#0	21.66	PASS
Band17	10MHz	QPSK	23780	25RB#12	22.33	PASS
Band17	10MHz	16QAM	23780	25RB#12	21.66	PASS
Band17	10MHz	QPSK	23780	25RB#25	22.46	PASS
Band17	10MHz	16QAM	23780	25RB#25	21.64	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.61	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.74	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.70	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.66	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.60	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.53	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.64	PASS
Band17	10MHz	16QAM	23790	1RB#49	21.96	PASS
Band17	10MHz	QPSK	23790	25RB#0	22.69	PASS
Band17	10MHz	16QAM	23790	25RB#0	21.83	PASS
Band17	10MHz	QPSK	23790	25RB#12	22.70	PASS
Band17	10MHz	16QAM	23790	25RB#12	21.83	PASS
Band17	10MHz	QPSK	23790	25RB#25	22.63	PASS
Band17	10MHz	16QAM	23790	25RB#25	21.80	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.69	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.71	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.34	PASS
Band17	10MHz	16QAM	23800	1RB#0	23.36	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.14	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.57	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.32	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.73	PASS
Band17	10MHz	QPSK	23800	25RB#0	22.58	PASS
Band17	10MHz	16QAM	23800	25RB#0	21.81	PASS
Band17	10MHz	QPSK	23800	25RB#12	22.43	PASS
Band17	10MHz	16QAM	23800	25RB#12	21.69	PASS
Band17	10MHz	QPSK	23800	25RB#25	22.70	PASS



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Band17	10MHz	16QAM	23800	25RB#25	21.68	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.48	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.71	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	5.02	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	5.88	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	5.65	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	6.31	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	4.99	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	5.83	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	5.61	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.28	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	4.90	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	5.66	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.41	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	6.13	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	4.97	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	5.91	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.66	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.35	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	4.76	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	5.84	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.58	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.32	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	4.85	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	5.66	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.54	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.28	13	PASS



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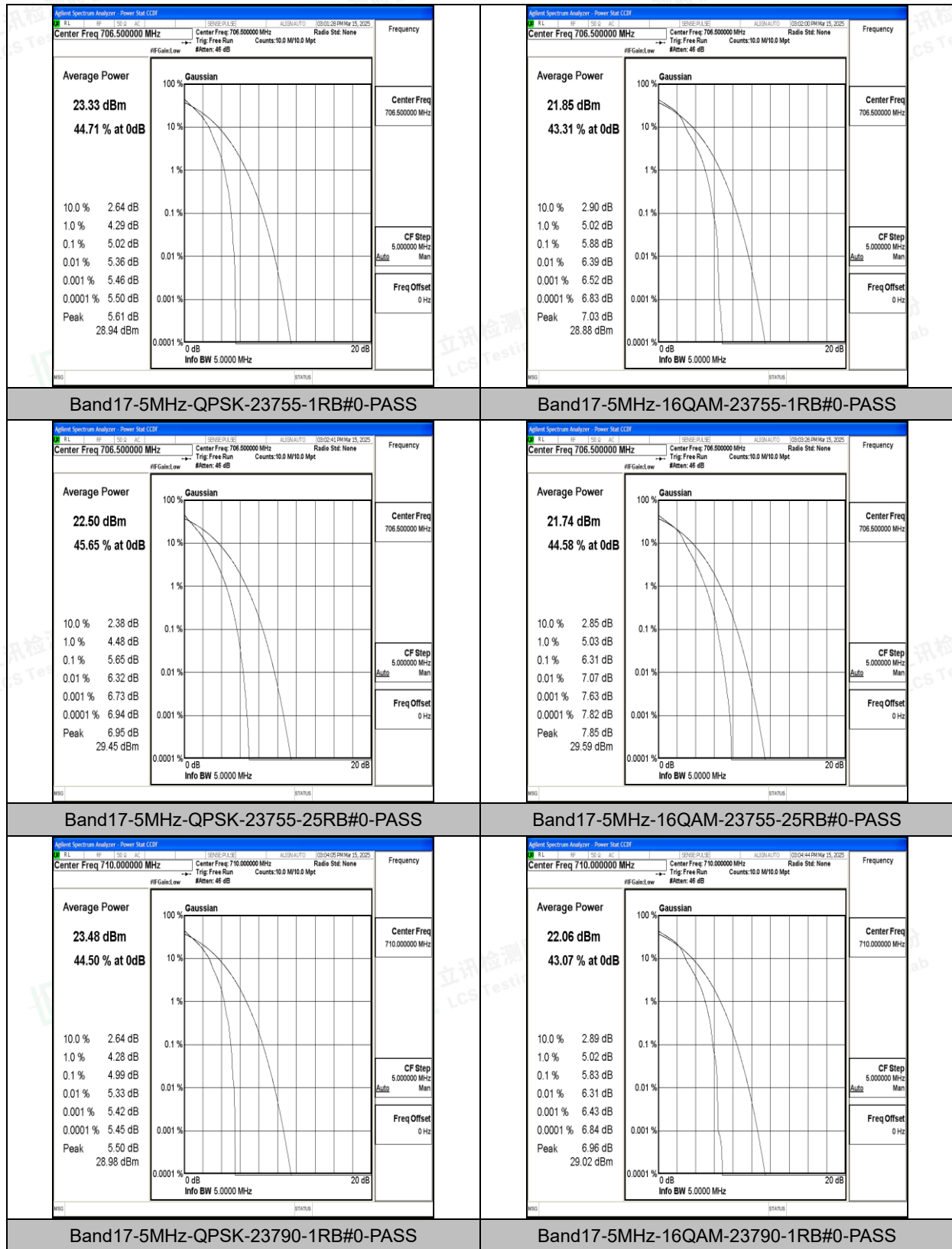
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Test Graphs

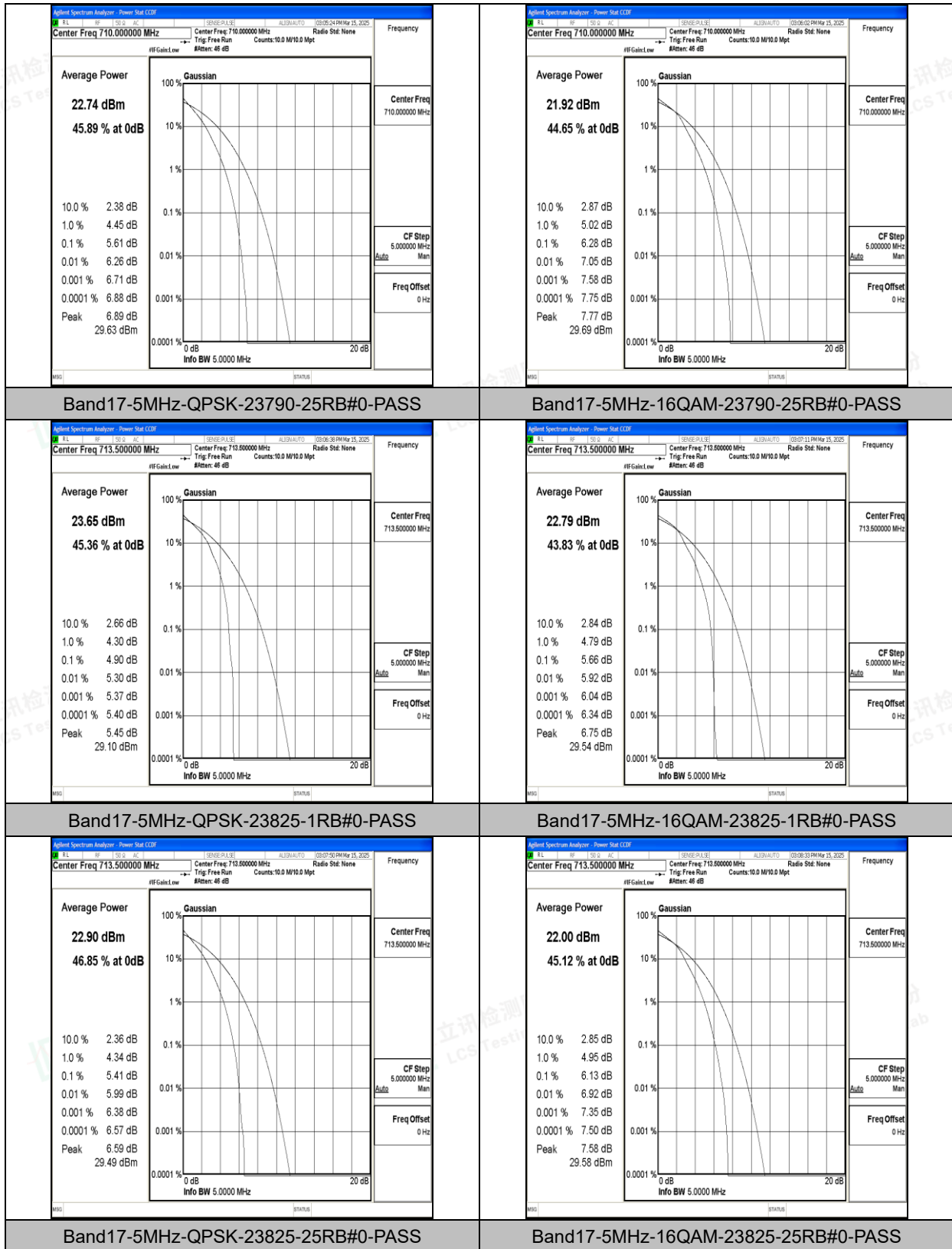


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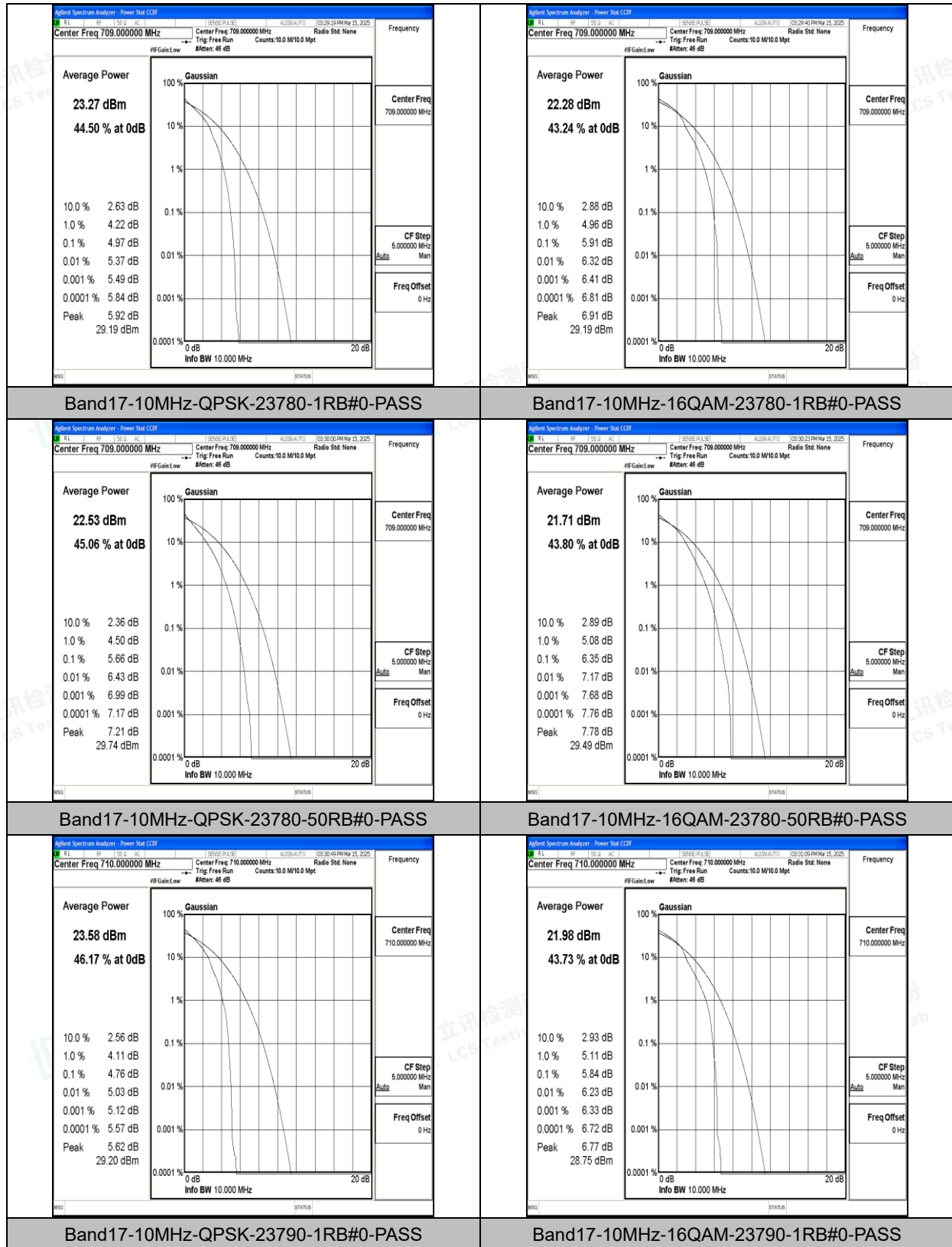


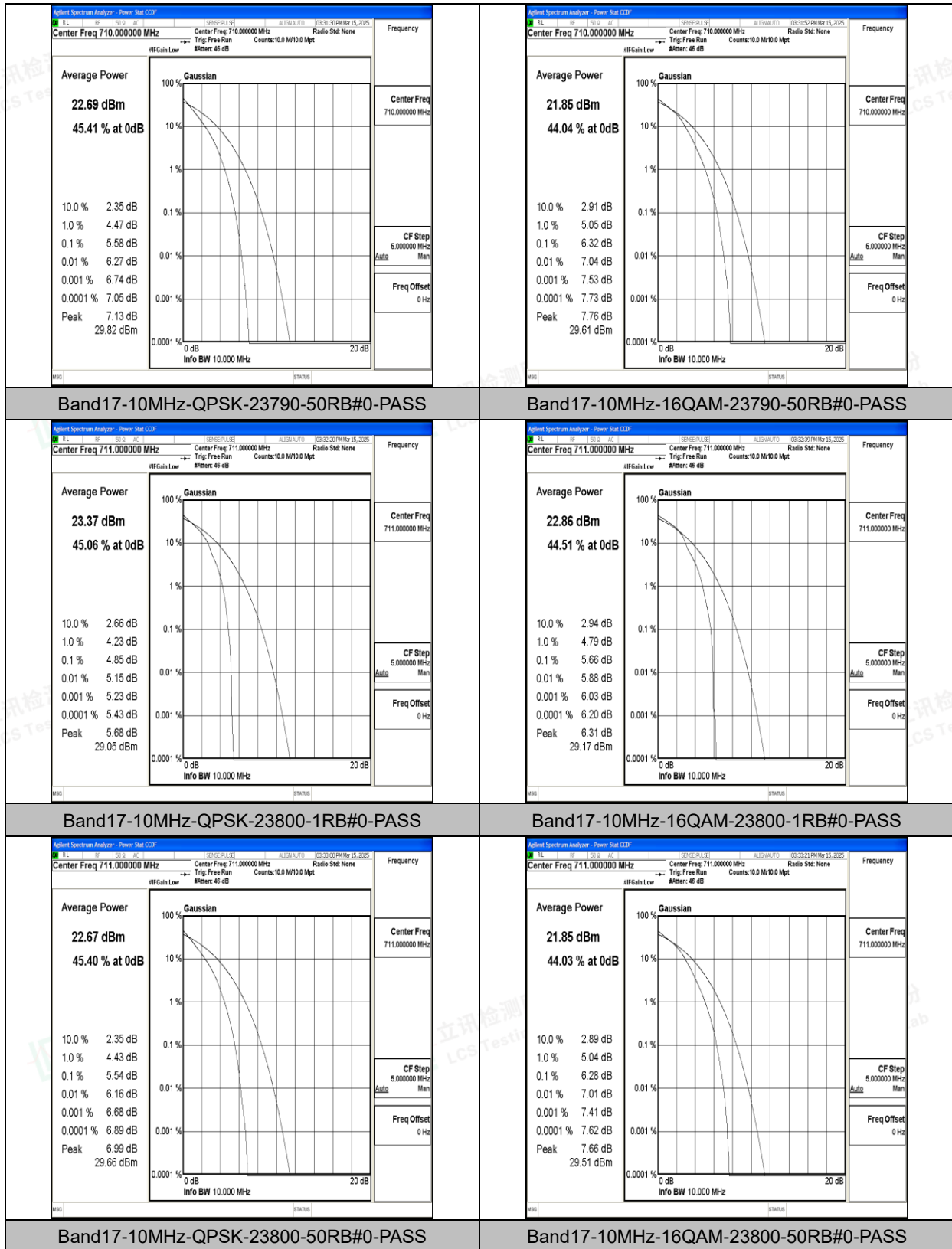
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M.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.5158	5.208	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5180	5.185	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5206	5.266	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5193	5.281	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5090	5.270	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5343	5.380	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9955	10.01	PASS
Band17	10MHz	16QAM	23780	50RB#0	9.0115	10.05	PASS
Band17	10MHz	QPSK	23790	50RB#0	9.0370	10.07	PASS
Band17	10MHz	16QAM	23790	50RB#0	9.0138	10.61	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9823	10.03	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9925	9.922	PASS



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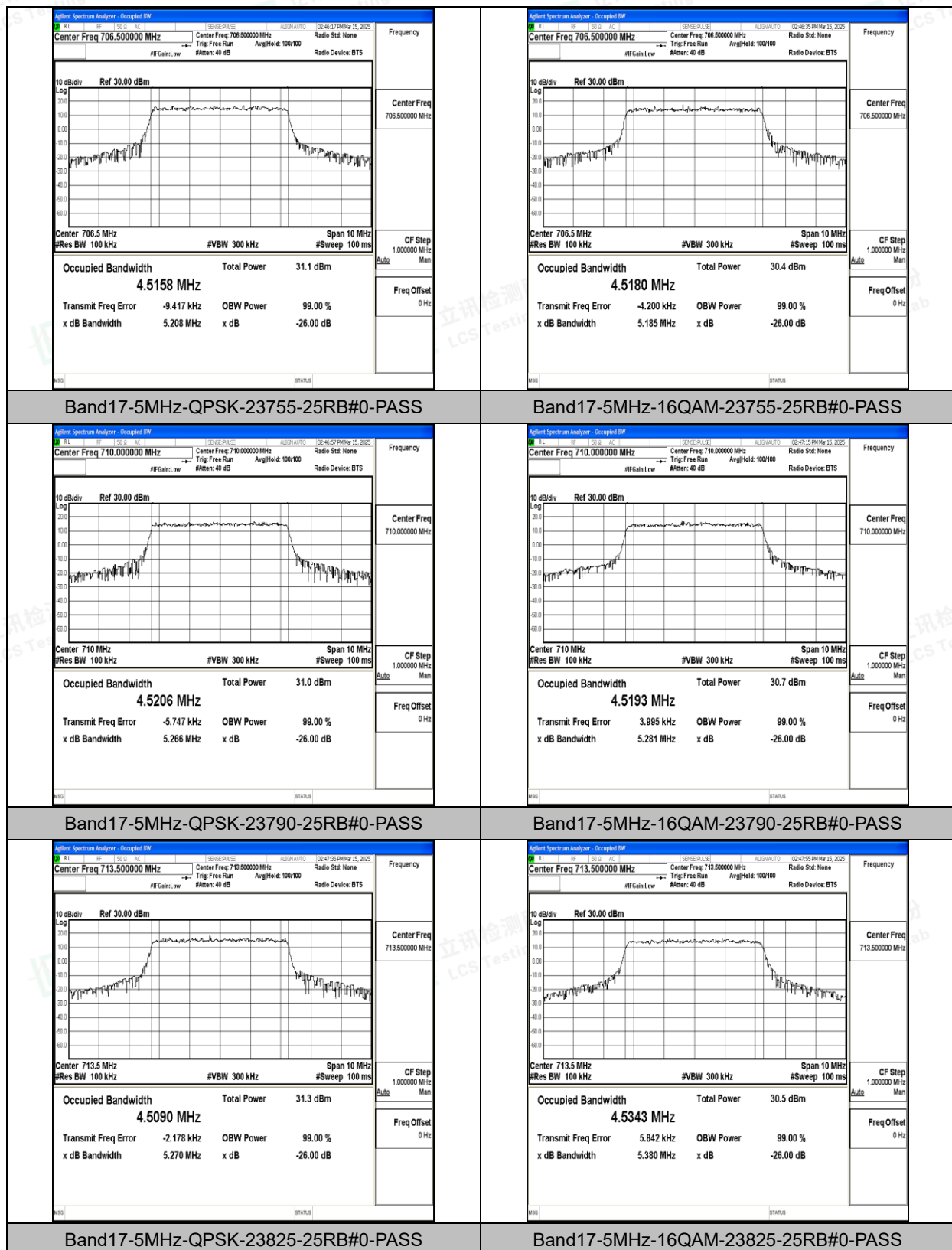
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Test Spectra

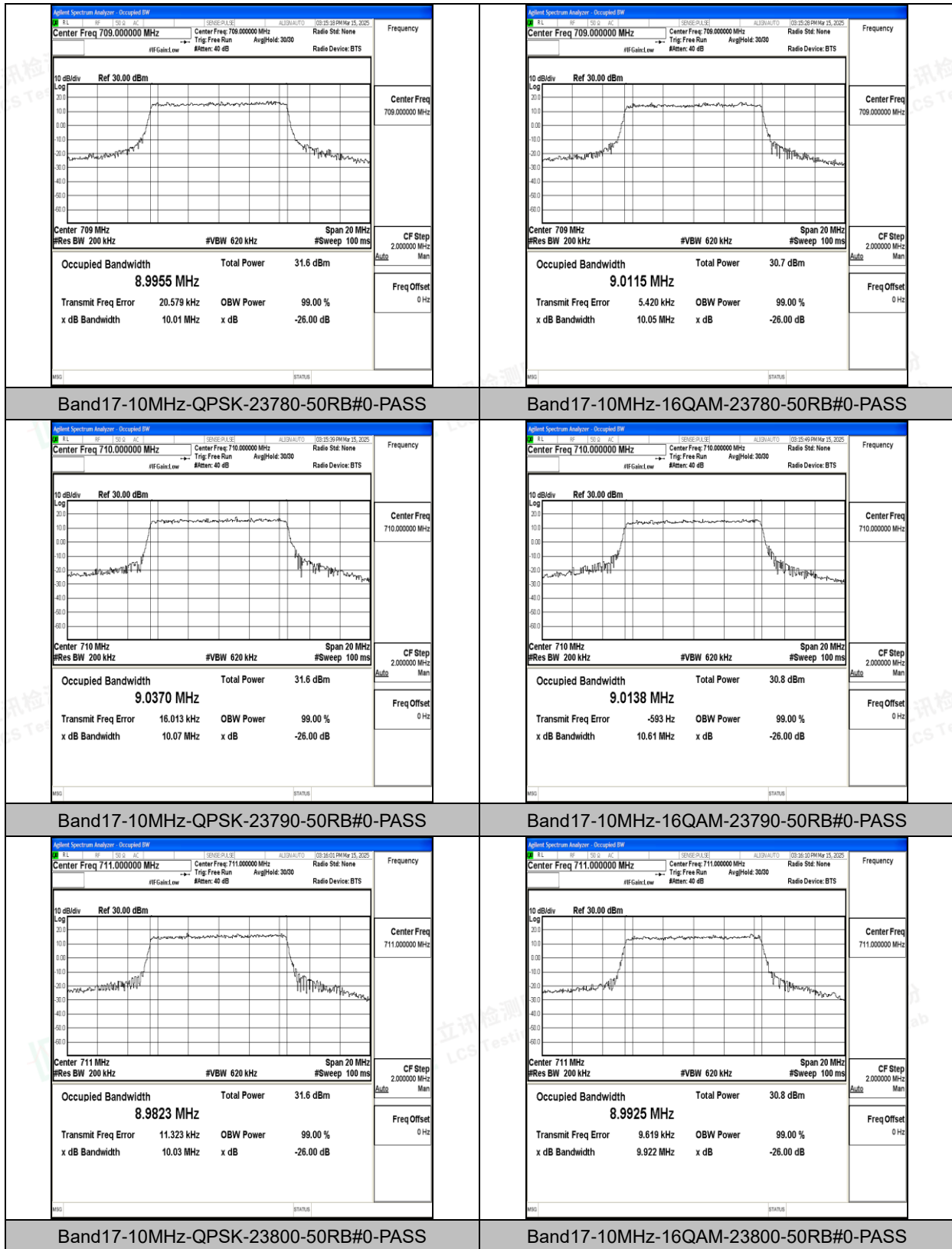


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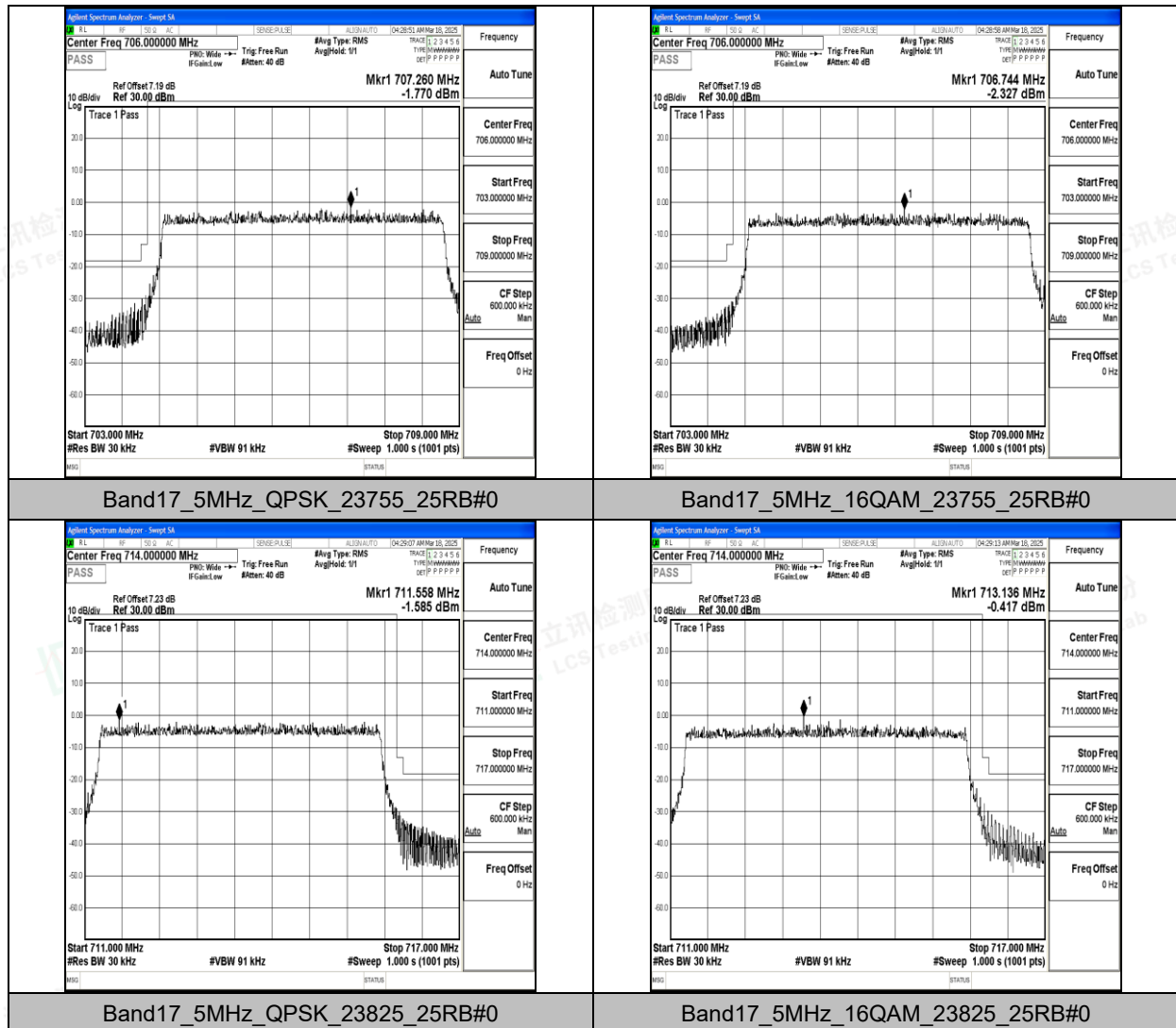


M.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	-31.40	PASS
Band17	5MHz	16QAM	23755	25RB#0	-32.67	PASS
Band17	5MHz	QPSK	23825	25RB#0	-32.78	PASS
Band17	5MHz	16QAM	23825	25RB#0	-30.96	PASS
Band17	10MHz	QPSK	23780	50RB#0	-25.42	PASS
Band17	10MHz	16QAM	23780	50RB#0	-26.30	PASS
Band17	10MHz	QPSK	23800	50RB#0	-23.87	PASS
Band17	10MHz	16QAM	23800	50RB#0	-23.24	PASS

Test Graphs

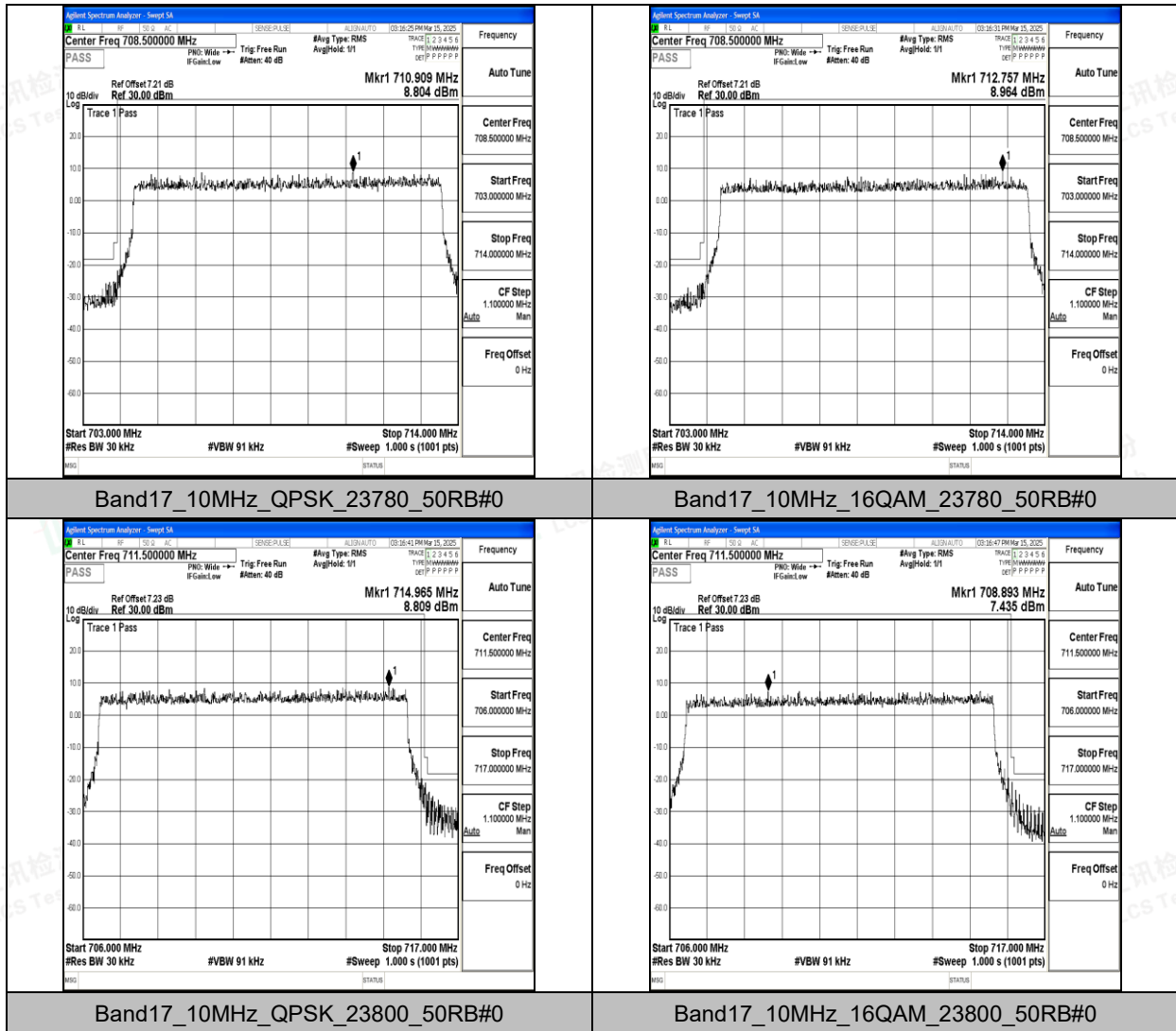


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M.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	0.009~0.15	-56.33	PASS
Band17	5MHz	QPSK	23755	1RB#0	0.15~30	-46.39	PASS
Band17	5MHz	QPSK	23755	1RB#0	30~1000	-41.08	PASS
Band17	5MHz	QPSK	23755	1RB#0	1000~3000	-36.57	PASS
Band17	5MHz	QPSK	23755	1RB#0	3000~10000	-35.46	PASS
Band17	5MHz	16QAM	23755	1RB#0	0.009~0.15	-54.72	PASS
Band17	5MHz	16QAM	23755	1RB#0	0.15~30	-49.07	PASS
Band17	5MHz	16QAM	23755	1RB#0	30~1000	-44.84	PASS
Band17	5MHz	16QAM	23755	1RB#0	1000~3000	-37.84	PASS
Band17	5MHz	16QAM	23755	1RB#0	3000~10000	-34.96	PASS
Band17	5MHz	QPSK	23790	1RB#0	0.009~0.15	-58.94	PASS
Band17	5MHz	QPSK	23790	1RB#0	0.15~30	-45.89	PASS
Band17	5MHz	QPSK	23790	1RB#0	30~1000	-42.25	PASS
Band17	5MHz	QPSK	23790	1RB#0	1000~3000	-36.84	PASS
Band17	5MHz	QPSK	23790	1RB#0	3000~10000	-35.71	PASS
Band17	5MHz	16QAM	23790	1RB#0	0.009~0.15	-57.25	PASS
Band17	5MHz	16QAM	23790	1RB#0	0.15~30	-45.86	PASS
Band17	5MHz	16QAM	23790	1RB#0	30~1000	-44.21	PASS
Band17	5MHz	16QAM	23790	1RB#0	1000~3000	-38.32	PASS
Band17	5MHz	16QAM	23790	1RB#0	3000~10000	-34.61	PASS
Band17	5MHz	QPSK	23825	1RB#0	0.009~0.15	-59.06	PASS
Band17	5MHz	QPSK	23825	1RB#0	0.15~30	-46.40	PASS
Band17	5MHz	QPSK	23825	1RB#0	30~1000	-42.08	PASS
Band17	5MHz	QPSK	23825	1RB#0	1000~3000	-35.71	PASS
Band17	5MHz	QPSK	23825	1RB#0	3000~10000	-35.12	PASS
Band17	5MHz	16QAM	23825	1RB#0	0.009~0.15	-57.13	PASS
Band17	5MHz	16QAM	23825	1RB#0	0.15~30	-49.41	PASS
Band17	5MHz	16QAM	23825	1RB#0	30~1000	-39.54	PASS
Band17	5MHz	16QAM	23825	1RB#0	1000~3000	-37.35	PASS
Band17	5MHz	16QAM	23825	1RB#0	3000~10000	-35.26	PASS
Band17	10MHz	QPSK	23780	1RB#0	0.009~0.15	-57.01	PASS
Band17	10MHz	QPSK	23780	1RB#0	0.15~30	-43.48	PASS
Band17	10MHz	QPSK	23780	1RB#0	30~1000	-53.03	PASS
Band17	10MHz	QPSK	23780	1RB#0	1000~3000	-37.78	PASS
Band17	10MHz	QPSK	23780	1RB#0	3000~10000	-35.53	PASS
Band17	10MHz	16QAM	23780	1RB#0	0.009~0.15	-57.40	PASS
Band17	10MHz	16QAM	23780	1RB#0	0.15~30	-46.50	PASS



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