



Appendix M: Test Data for E-UTRA Band 17

Product Name: Tablet

Test Model: HIP-T69

Environmental Conditions

Temperature:	23.9°C
Relative Humidity:	53.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Jose Zhu
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	23.85	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.21	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.61	PASS
Band17	5MHz	16QAM	23755	1RB#12	22.21	PASS
Band17	5MHz	QPSK	23755	1RB#24	23.62	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.33	PASS
Band17	5MHz	QPSK	23755	12RB#0	22.77	PASS
Band17	5MHz	16QAM	23755	12RB#0	21.94	PASS
Band17	5MHz	QPSK	23755	12RB#6	22.77	PASS
Band17	5MHz	16QAM	23755	12RB#6	21.93	PASS
Band17	5MHz	QPSK	23755	12RB#13	22.71	PASS
Band17	5MHz	16QAM	23755	12RB#13	21.86	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.77	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.97	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.56	PASS
Band17	5MHz	16QAM	23790	1RB#0	23.04	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.52	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.96	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.47	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.96	PASS
Band17	5MHz	QPSK	23790	12RB#0	22.66	PASS
Band17	5MHz	16QAM	23790	12RB#0	21.81	PASS
Band17	5MHz	QPSK	23790	12RB#6	22.71	PASS
Band17	5MHz	16QAM	23790	12RB#6	21.81	PASS
Band17	5MHz	QPSK	23790	12RB#13	22.73	PASS
Band17	5MHz	16QAM	23790	12RB#13	21.93	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.74	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.84	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.54	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.47	PASS
Band17	5MHz	QPSK	23825	1RB#12	23.50	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.70	PASS
Band17	5MHz	QPSK	23825	1RB#24	23.81	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.52	PASS
Band17	5MHz	QPSK	23825	12RB#0	22.71	PASS



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Band17	5MHz	16QAM	23825	12RB#0	21.78	PASS
Band17	5MHz	QPSK	23825	12RB#6	22.71	PASS
Band17	5MHz	16QAM	23825	12RB#6	21.78	PASS
Band17	5MHz	QPSK	23825	12RB#13	22.65	PASS
Band17	5MHz	16QAM	23825	12RB#13	21.91	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.65	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.91	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.42	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.45	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.29	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.73	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.40	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.71	PASS
Band17	10MHz	QPSK	23780	25RB#0	22.70	PASS
Band17	10MHz	16QAM	23780	25RB#0	21.69	PASS
Band17	10MHz	QPSK	23780	25RB#12	22.56	PASS
Band17	10MHz	16QAM	23780	25RB#12	21.69	PASS
Band17	10MHz	QPSK	23780	25RB#25	22.52	PASS
Band17	10MHz	16QAM	23780	25RB#25	21.64	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.71	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.68	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.74	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.61	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.63	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.57	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.56	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.40	PASS
Band17	10MHz	QPSK	23790	25RB#0	22.67	PASS
Band17	10MHz	16QAM	23790	25RB#0	21.79	PASS
Band17	10MHz	QPSK	23790	25RB#12	22.52	PASS
Band17	10MHz	16QAM	23790	25RB#12	21.76	PASS
Band17	10MHz	QPSK	23790	25RB#25	22.62	PASS
Band17	10MHz	16QAM	23790	25RB#25	21.83	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.61	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.77	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.37	PASS
Band17	10MHz	16QAM	23800	1RB#0	23.36	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.31	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.64	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.34	PASS



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Band17	10MHz	16QAM	23800	1RB#49	22.76	PASS
Band17	10MHz	QPSK	23800	25RB#0	22.45	PASS
Band17	10MHz	16QAM	23800	25RB#0	21.81	PASS
Band17	10MHz	QPSK	23800	25RB#12	22.46	PASS
Band17	10MHz	16QAM	23800	25RB#12	21.72	PASS
Band17	10MHz	QPSK	23800	25RB#25	22.52	PASS
Band17	10MHz	16QAM	23800	25RB#25	21.83	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.38	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.76	PASS



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

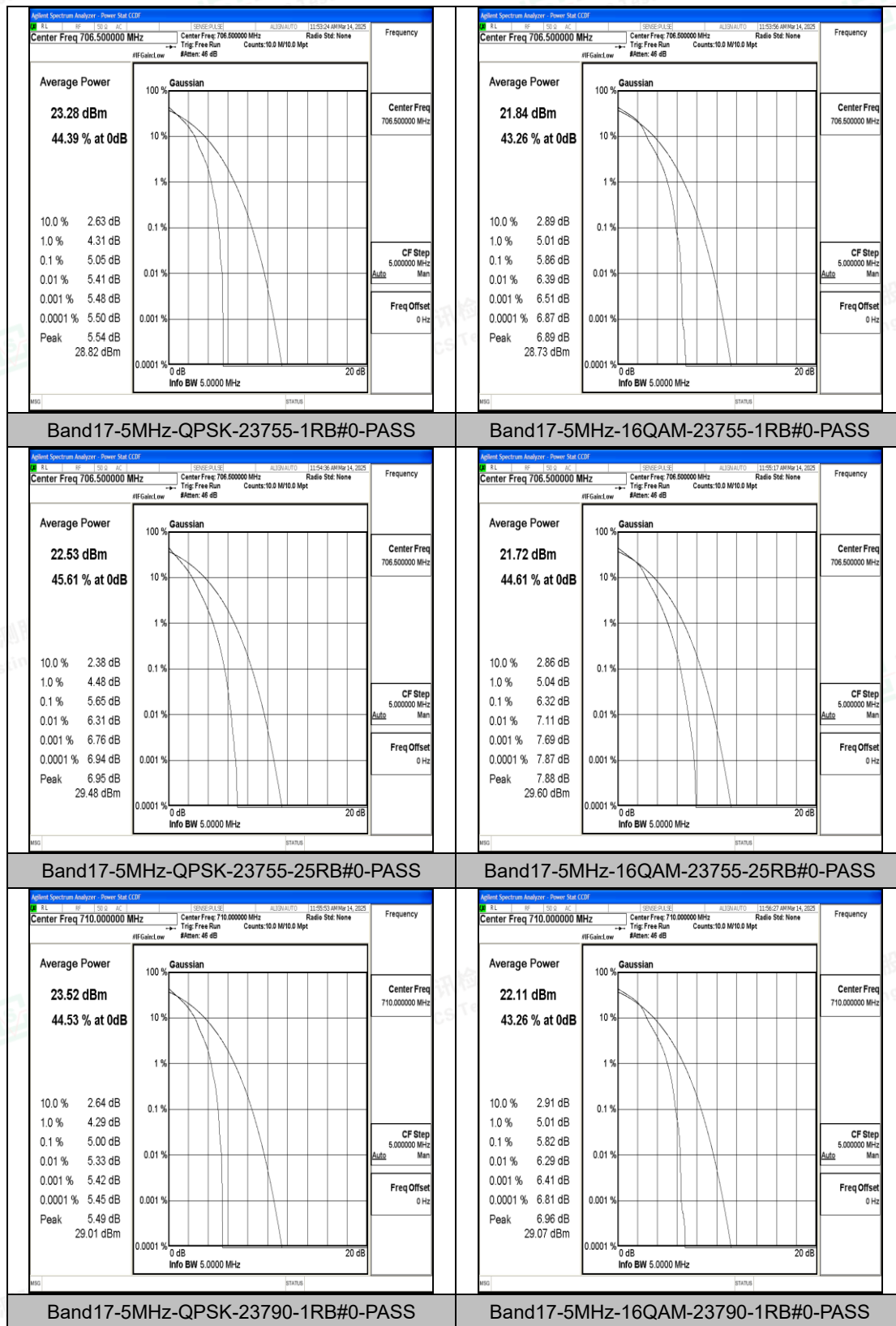
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	5.05	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	5.86	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	5.65	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	6.32	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	5.00	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	5.82	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	5.64	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.30	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	4.91	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	5.70	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.42	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	6.14	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	4.98	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	5.73	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.67	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	5.60	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.32	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	4.86	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	5.62	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.55	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.29	13	PASS





Test Graphs

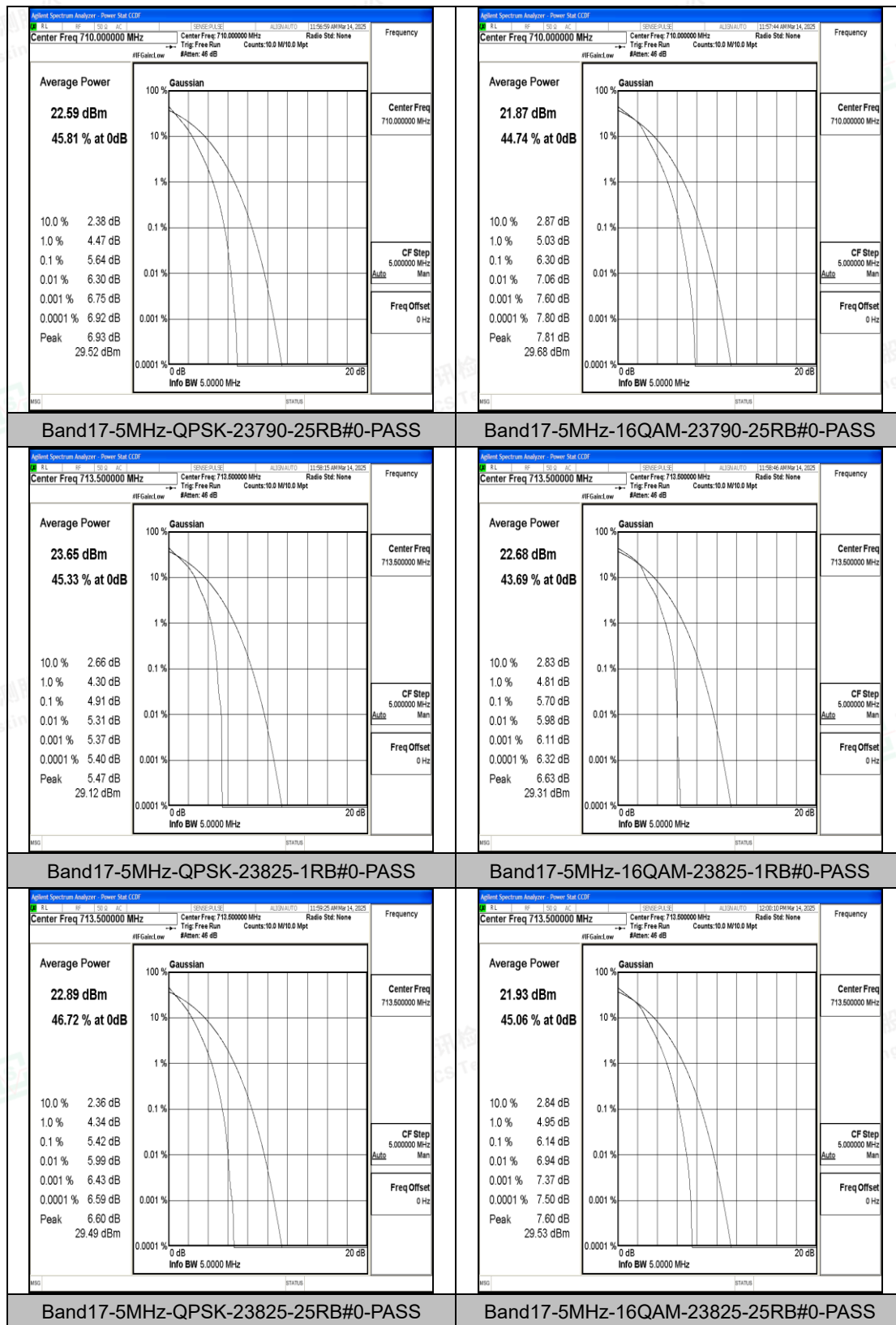


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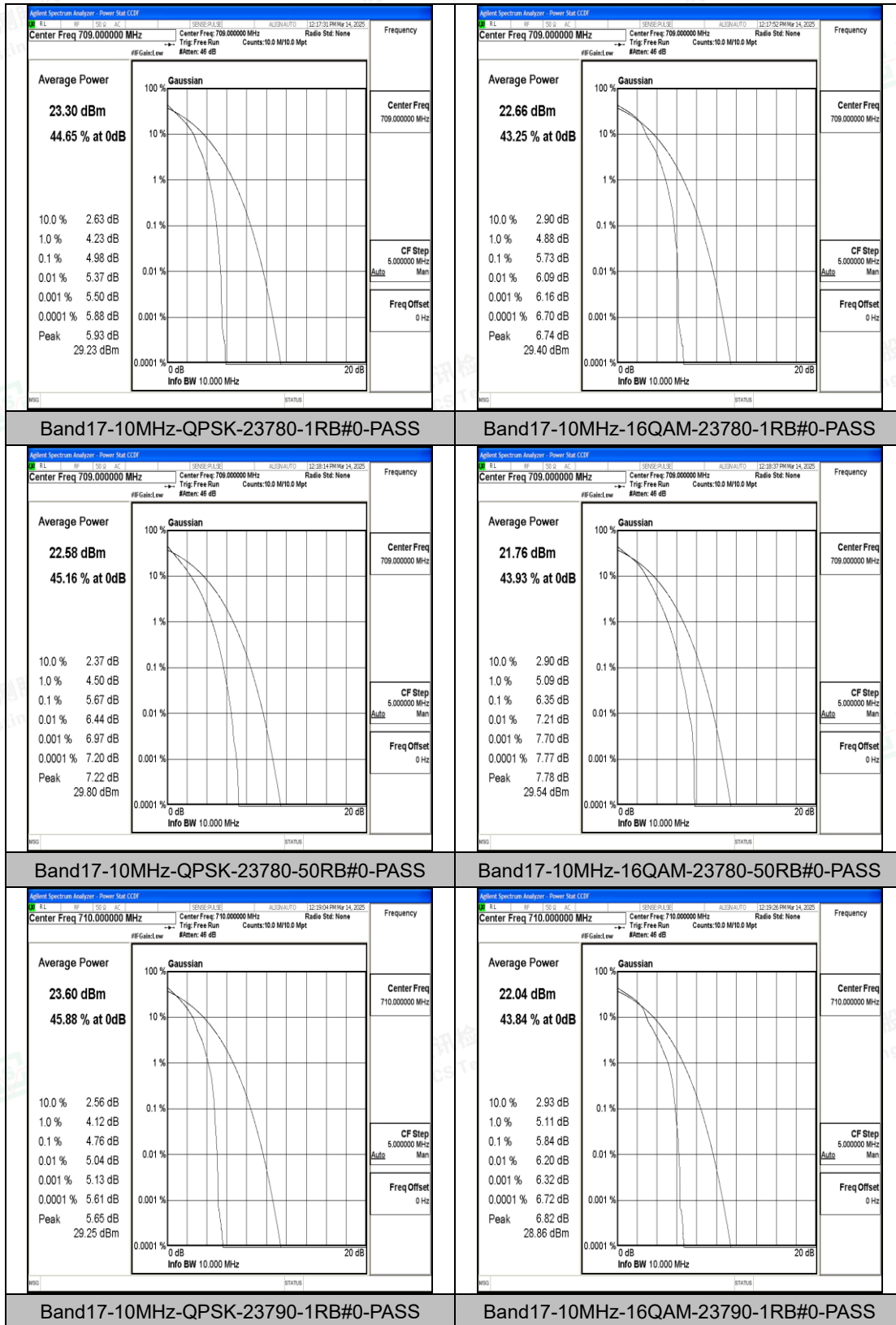


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Scan code to check authenticity

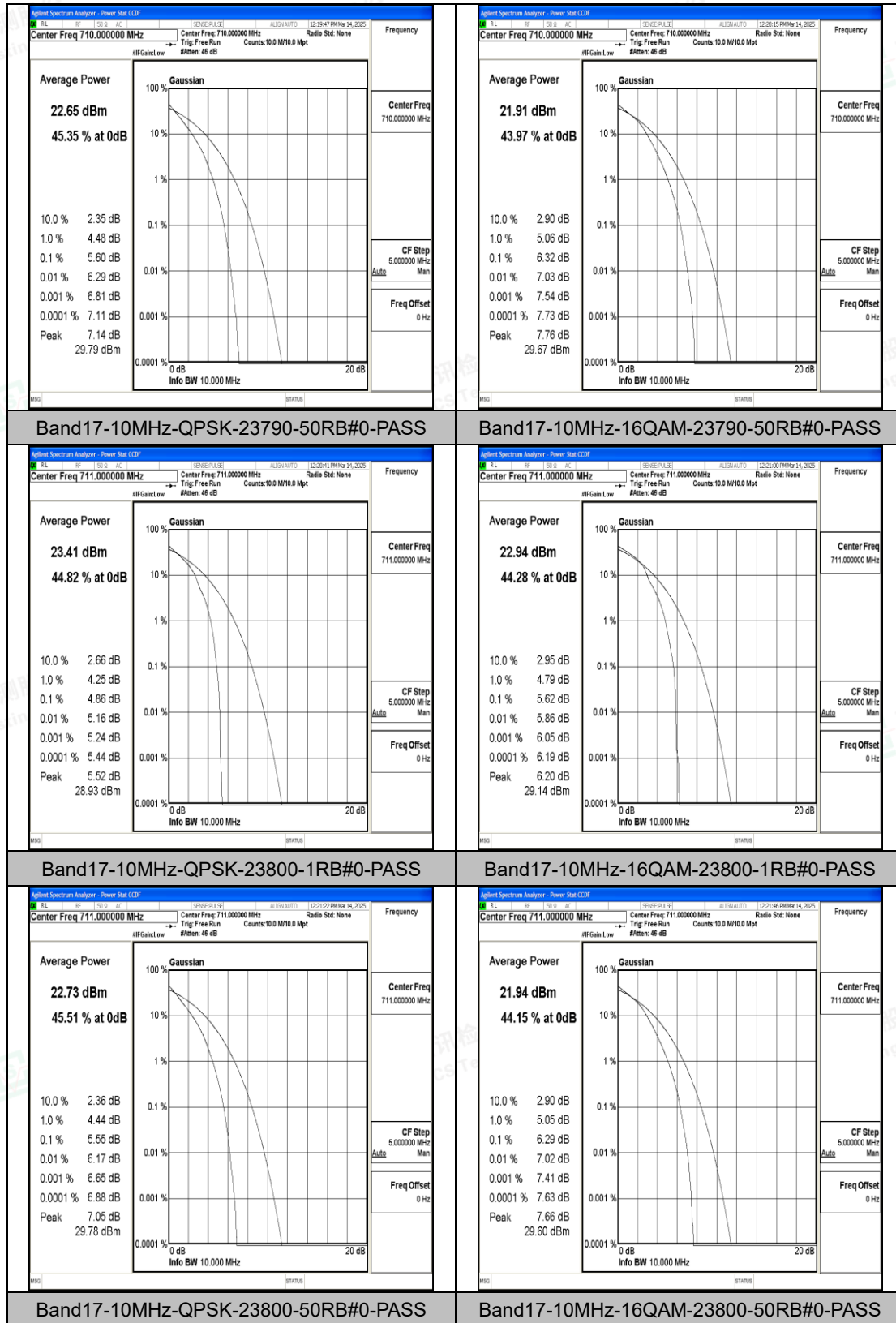


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M.3 26dB Bandwidth and Occupied Bandwidth

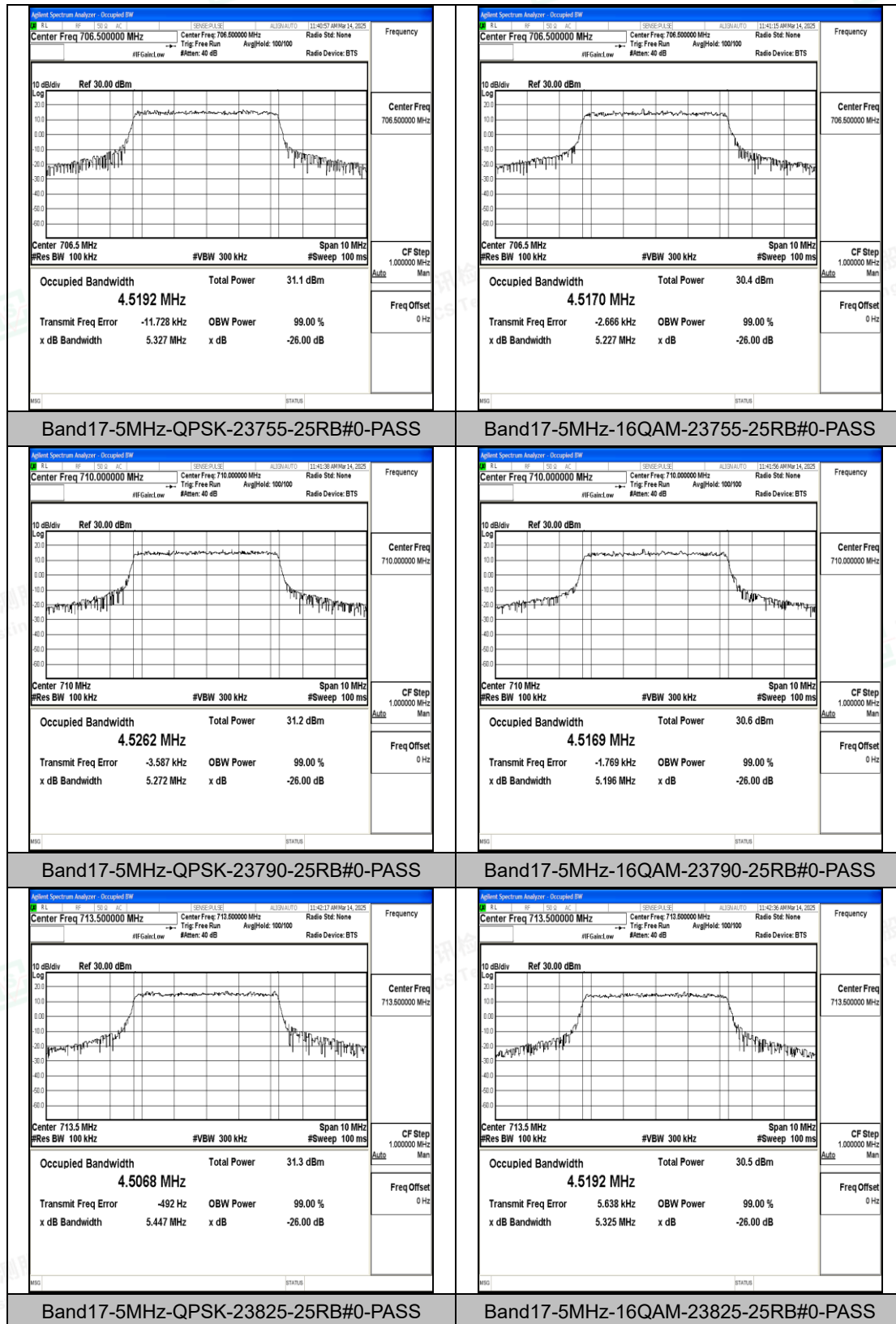
Test Result

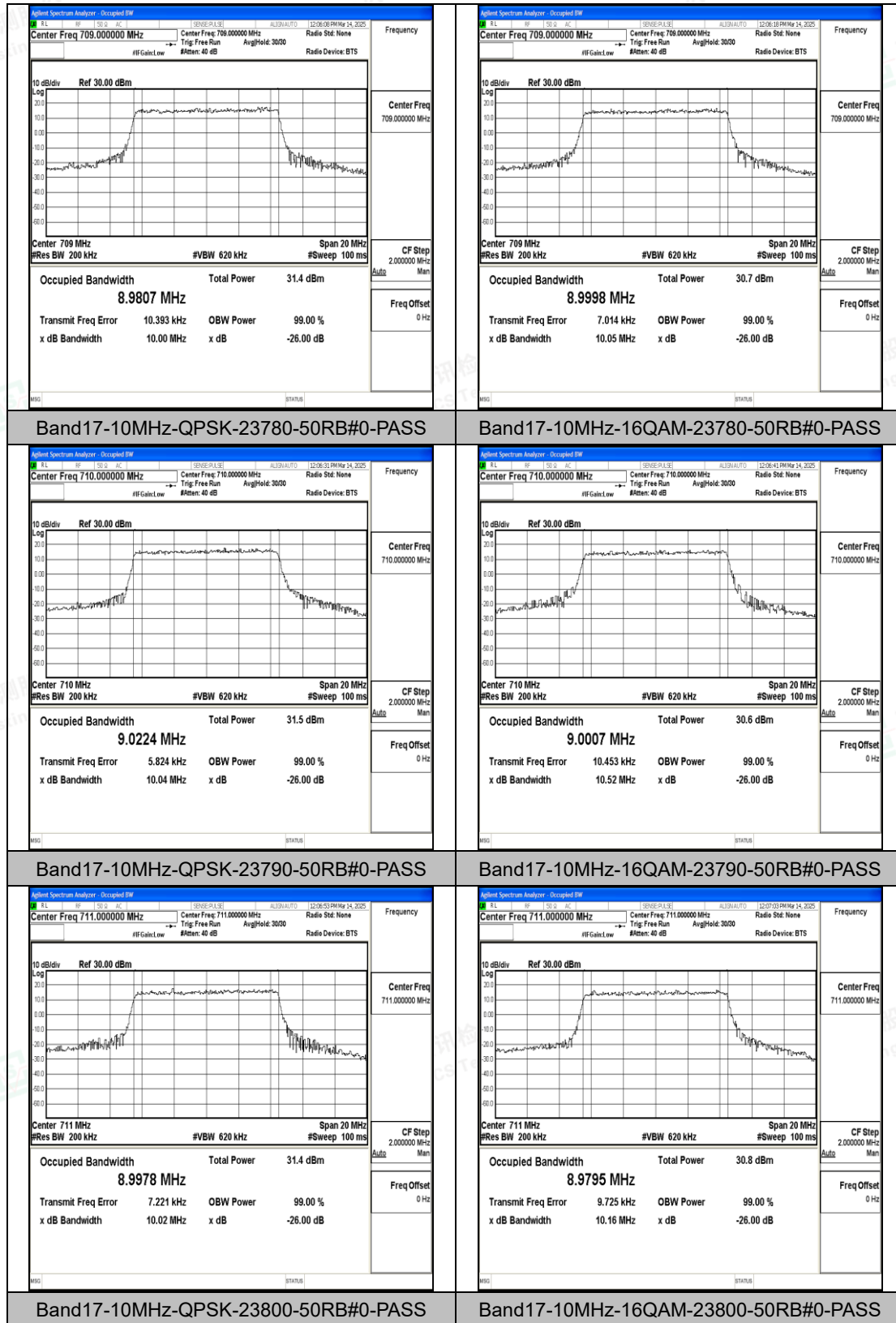
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.5192	5.327	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5170	5.227	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5262	5.272	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5169	5.196	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5068	5.447	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5192	5.325	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9807	10.00	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9998	10.05	PASS
Band17	10MHz	QPSK	23790	50RB#0	9.0224	10.04	PASS
Band17	10MHz	16QAM	23790	50RB#0	9.0007	10.52	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9978	10.02	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9795	10.16	PASS





Test Graphs





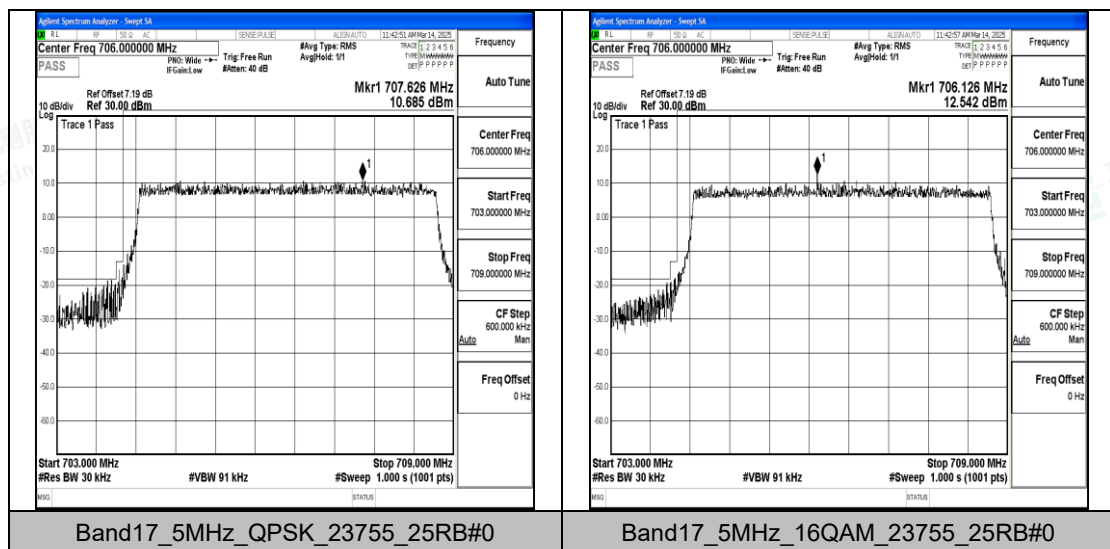


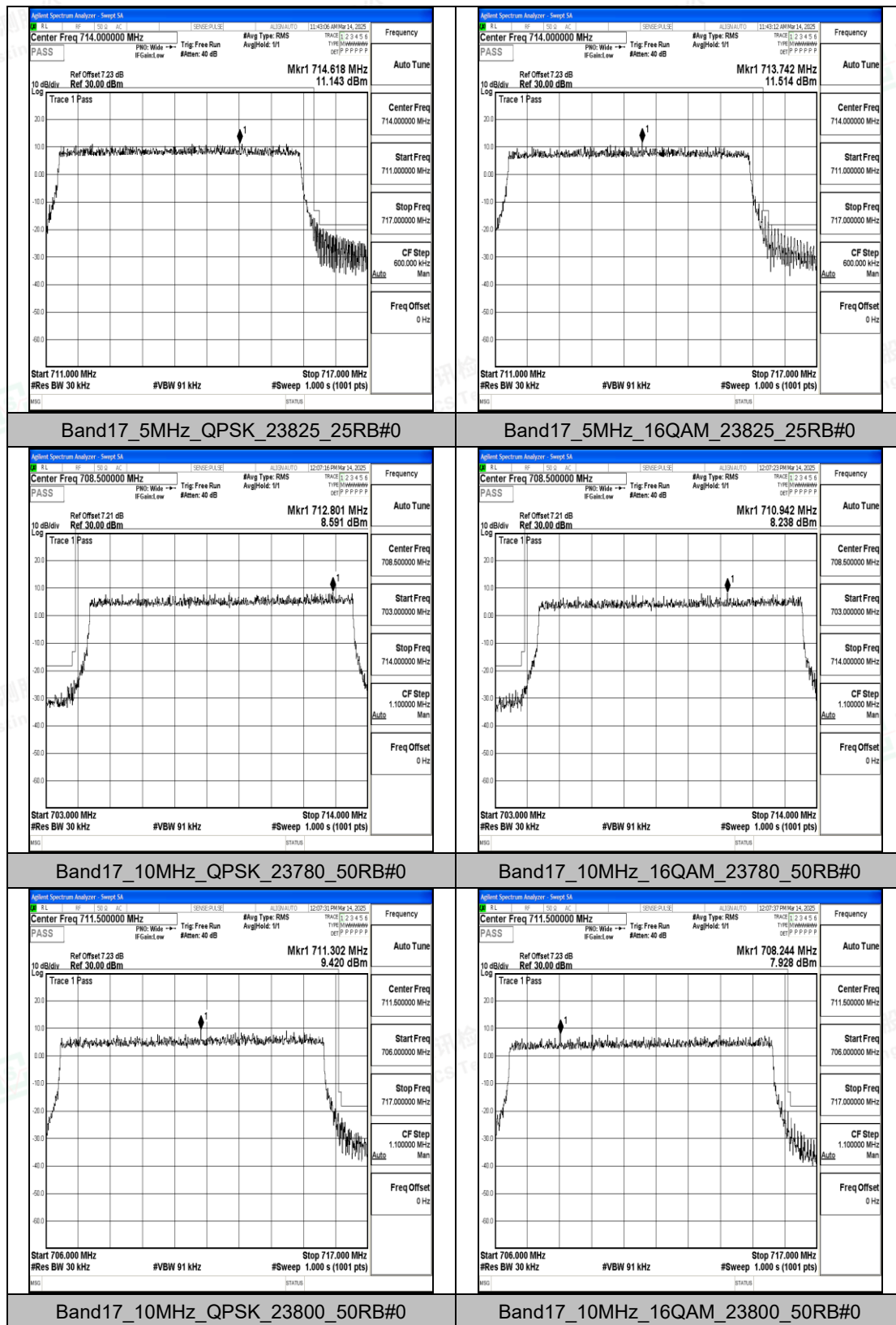
M.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	-18.59	PASS
Band17	5MHz	16QAM	23755	25RB#0	-19.40	PASS
Band17	5MHz	QPSK	23825	25RB#0	-19.62	PASS
Band17	5MHz	16QAM	23825	25RB#0	-18.45	PASS
Band17	10MHz	QPSK	23780	50RB#0	-24.74	PASS
Band17	10MHz	16QAM	23780	50RB#0	-27.21	PASS
Band17	10MHz	QPSK	23800	50RB#0	-22.55	PASS
Band17	10MHz	16QAM	23800	50RB#0	-22.65	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	-57.87	PASS
Band17	5MHz	QPSK	23755	1RB#0	0.15~30	-45.37	PASS
Band17	5MHz	QPSK	23755	1RB#0	30~1000	-42.77	PASS
Band17	5MHz	QPSK	23755	1RB#0	1000~3000	-37.69	PASS
Band17	5MHz	QPSK	23755	1RB#0	3000~10000	-35.63	PASS
Band17	5MHz	16QAM	23755	1RB#0	0.009~0.15	-57.97	PASS
Band17	5MHz	16QAM	23755	1RB#0	0.15~30	-45.77	PASS
Band17	5MHz	16QAM	23755	1RB#0	30~1000	-47.49	PASS
Band17	5MHz	16QAM	23755	1RB#0	1000~3000	-38.13	PASS
Band17	5MHz	16QAM	23755	1RB#0	3000~10000	-35.07	PASS
Band17	5MHz	QPSK	23790	1RB#0	0.009~0.15	-55.85	PASS
Band17	5MHz	QPSK	23790	1RB#0	0.15~30	-43.92	PASS
Band17	5MHz	QPSK	23790	1RB#0	30~1000	-44.78	PASS
Band17	5MHz	QPSK	23790	1RB#0	1000~3000	-36.93	PASS
Band17	5MHz	QPSK	23790	1RB#0	3000~10000	-35.58	PASS
Band17	5MHz	16QAM	23790	1RB#0	0.009~0.15	-58.58	PASS
Band17	5MHz	16QAM	23790	1RB#0	0.15~30	-48.41	PASS
Band17	5MHz	16QAM	23790	1RB#0	30~1000	-44.10	PASS
Band17	5MHz	16QAM	23790	1RB#0	1000~3000	-37.41	PASS
Band17	5MHz	16QAM	23790	1RB#0	3000~10000	-35.29	PASS
Band17	5MHz	QPSK	23825	1RB#0	0.009~0.15	-58.62	PASS
Band17	5MHz	QPSK	23825	1RB#0	0.15~30	-44.75	PASS
Band17	5MHz	QPSK	23825	1RB#0	30~1000	-41.68	PASS
Band17	5MHz	QPSK	23825	1RB#0	1000~3000	-37.00	PASS
Band17	5MHz	QPSK	23825	1RB#0	3000~10000	-35.09	PASS
Band17	5MHz	16QAM	23825	1RB#0	0.009~0.15	-58.78	PASS
Band17	5MHz	16QAM	23825	1RB#0	0.15~30	-46.89	PASS
Band17	5MHz	16QAM	23825	1RB#0	30~1000	-38.67	PASS
Band17	5MHz	16QAM	23825	1RB#0	1000~3000	-37.75	PASS
Band17	5MHz	16QAM	23825	1RB#0	3000~10000	-35.63	PASS
Band17	10MHz	QPSK	23780	1RB#0	0.009~0.15	-54.65	PASS
Band17	10MHz	QPSK	23780	1RB#0	0.15~30	-46.98	PASS
Band17	10MHz	QPSK	23780	1RB#0	30~1000	-52.76	PASS
Band17	10MHz	QPSK	23780	1RB#0	1000~3000	-38.46	PASS



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