

Test Data for E-UTRA Band 17

EUT: <u>Tablet PC</u> Test Model: <u>ST11</u>
Ambient Condition: <u>25 °C</u> , <u>45 %RH</u> , <u>101.325 kPa</u>
Test Engineer: <u>Jack Zhou</u>

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Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	23.36	19.74	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.35	18.73	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.52	19.90	PASS
Band17	5MHz	16QAM	23755	1RB#12	22.43	18.81	PASS
Band17	5MHz	QPSK	23755	1RB#24	23.35	19.73	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.30	18.68	PASS
Band17	5MHz	QPSK	23755	12RB#0	22.45	18.83	PASS
Band17	5MHz	16QAM	23755	12RB#0	21.38	17.76	PASS
Band17	5MHz	QPSK	23755	12RB#6	22.38	18.76	PASS
Band17	5MHz	16QAM	23755	12RB#6	21.34	17.72	PASS
Band17	5MHz	QPSK	23755	12RB#13	22.38	18.76	PASS
Band17	5MHz	16QAM	23755	12RB#13	21.26	17.64	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.38	18.76	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.37	17.75	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.30	19.68	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.43	18.81	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.34	19.72	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.46	18.84	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.23	19.61	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.31	18.69	PASS
Band17	5MHz	QPSK	23790	12RB#0	22.36	18.74	PASS
Band17	5MHz	16QAM	23790	12RB#0	21.36	17.74	PASS
Band17	5MHz	QPSK	23790	12RB#6	22.39	18.77	PASS
Band17	5MHz	16QAM	23790	12RB#6	21.37	17.75	PASS
Band17	5MHz	QPSK	23790	12RB#13	22.31	18.69	PASS
Band17	5MHz	16QAM	23790	12RB#13	21.32	17.70	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.33	18.71	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.30	17.68	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.29	19.67	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.20	18.58	PASS
Band17	5MHz	QPSK	23825	1RB#12	23.30	19.68	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.28	18.66	PASS
Band17	5MHz	QPSK	23825	1RB#24	23.19	19.57	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.10	18.48	PASS
Band17	5MHz	QPSK	23825	12RB#0	22.34	18.72	PASS

Band17	5MHz	16QAM	23825	12RB#0	21.25	17.63	PASS
Band17	5MHz	QPSK	23825	12RB#6	22.36	18.74	PASS
Band17	5MHz	16QAM	23825	12RB#6	21.30	17.68	PASS
Band17	5MHz	QPSK	23825	12RB#13	22.13	18.51	PASS
Band17	5MHz	16QAM	23825	12RB#13	21.12	17.50	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.25	18.63	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.28	17.66	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.37	19.75	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.38	18.76	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.57	19.95	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.54	18.92	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.16	19.54	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.17	18.55	PASS
Band17	10MHz	QPSK	23780	25RB#0	22.52	18.90	PASS
Band17	10MHz	16QAM	23780	25RB#0	21.43	17.81	PASS
Band17	10MHz	QPSK	23780	25RB#12	22.48	18.86	PASS
Band17	10MHz	16QAM	23780	25RB#12	21.47	17.85	PASS
Band17	10MHz	QPSK	23780	25RB#25	22.38	18.76	PASS
Band17	10MHz	16QAM	23780	25RB#25	21.33	17.71	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.43	18.81	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.40	17.78	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.42	19.80	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.27	18.65	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.31	19.69	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.34	18.72	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.18	19.56	PASS
Band17	10MHz	16QAM	23790	1RB#49	21.99	18.37	PASS
Band17	10MHz	QPSK	23790	25RB#0	22.45	18.83	PASS
Band17	10MHz	16QAM	23790	25RB#0	21.48	17.86	PASS
Band17	10MHz	QPSK	23790	25RB#12	22.44	18.82	PASS
Band17	10MHz	16QAM	23790	25RB#12	21.50	17.88	PASS
Band17	10MHz	QPSK	23790	25RB#25	22.32	18.70	PASS
Band17	10MHz	16QAM	23790	25RB#25	21.30	17.68	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.39	18.77	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.39	17.77	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.40	19.78	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.49	18.87	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.39	19.77	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.45	18.83	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.17	19.55	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.19	18.57	PASS
Band17	10MHz	QPSK	23800	25RB#0	22.42	18.80	PASS
Band17	10MHz	16QAM	23800	25RB#0	21.44	17.82	PASS

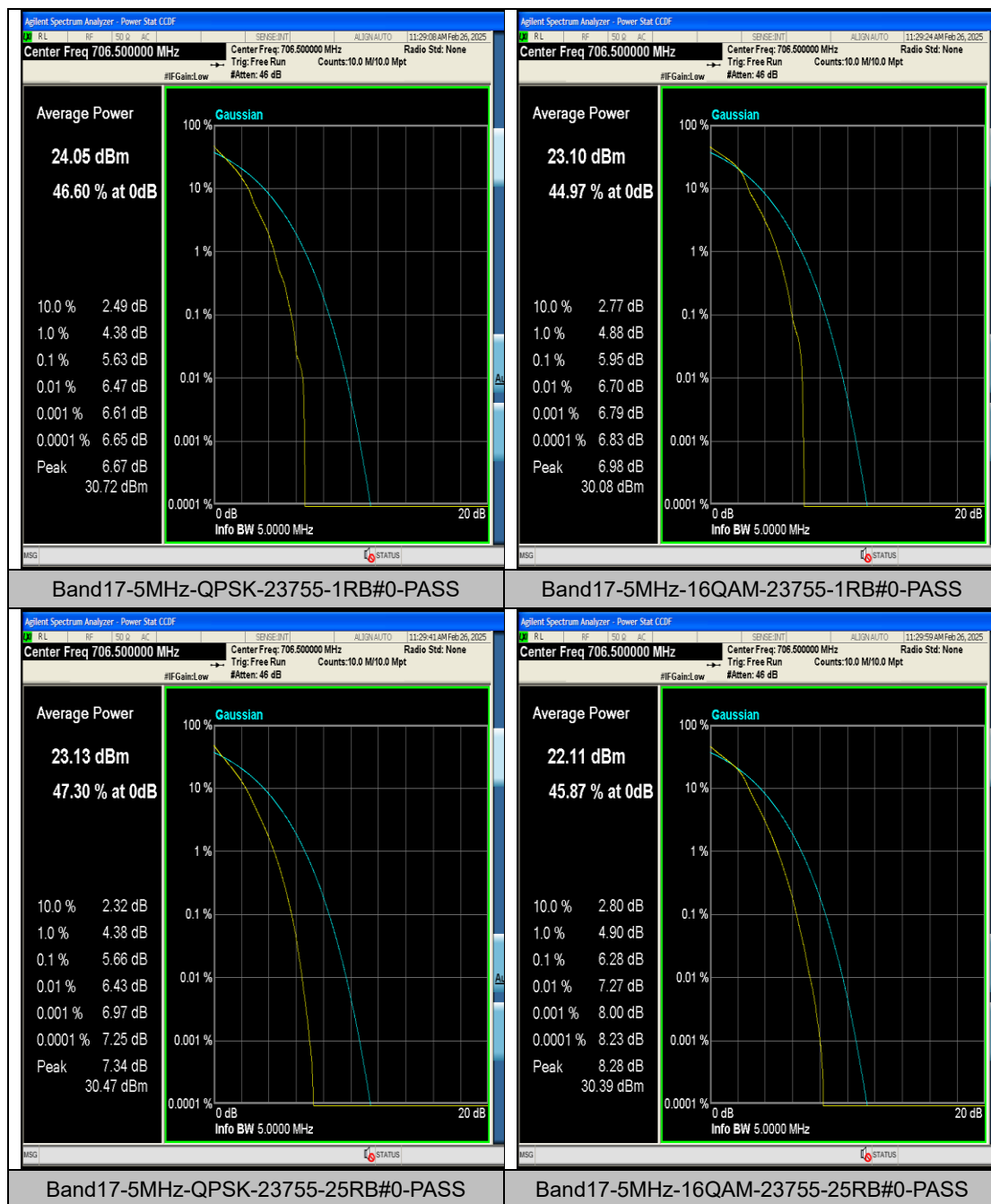
Band17	10MHz	QPSK	23800	25RB#12	22.42	18.80	PASS
Band17	10MHz	16QAM	23800	25RB#12	21.40	17.78	PASS
Band17	10MHz	QPSK	23800	25RB#25	22.26	18.64	PASS
Band17	10MHz	16QAM	23800	25RB#25	21.22	17.60	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.27	18.65	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.32	17.70	PASS

Appendix B: Peak-to-Average Ratio(CCDF)

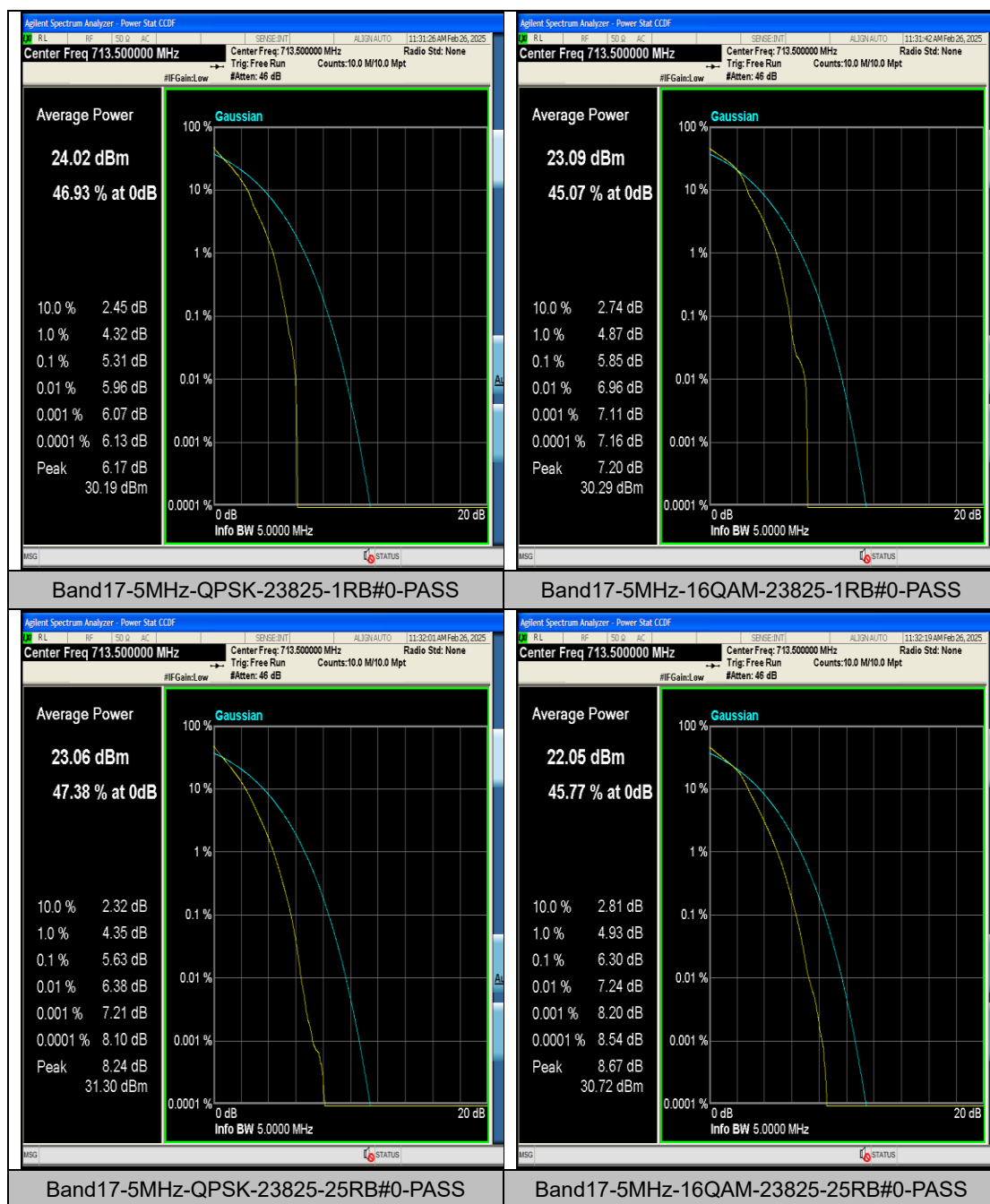
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	5.63	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	5.95	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	5.66	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	6.28	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	5.54	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	6.11	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	5.71	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.31	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	5.31	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	5.85	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.63	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	6.30	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	5.47	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	6.34	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.75	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.38	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	5.42	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	6.02	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.71	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.39	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	5.39	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	6.55	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.67	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.37	13	PASS

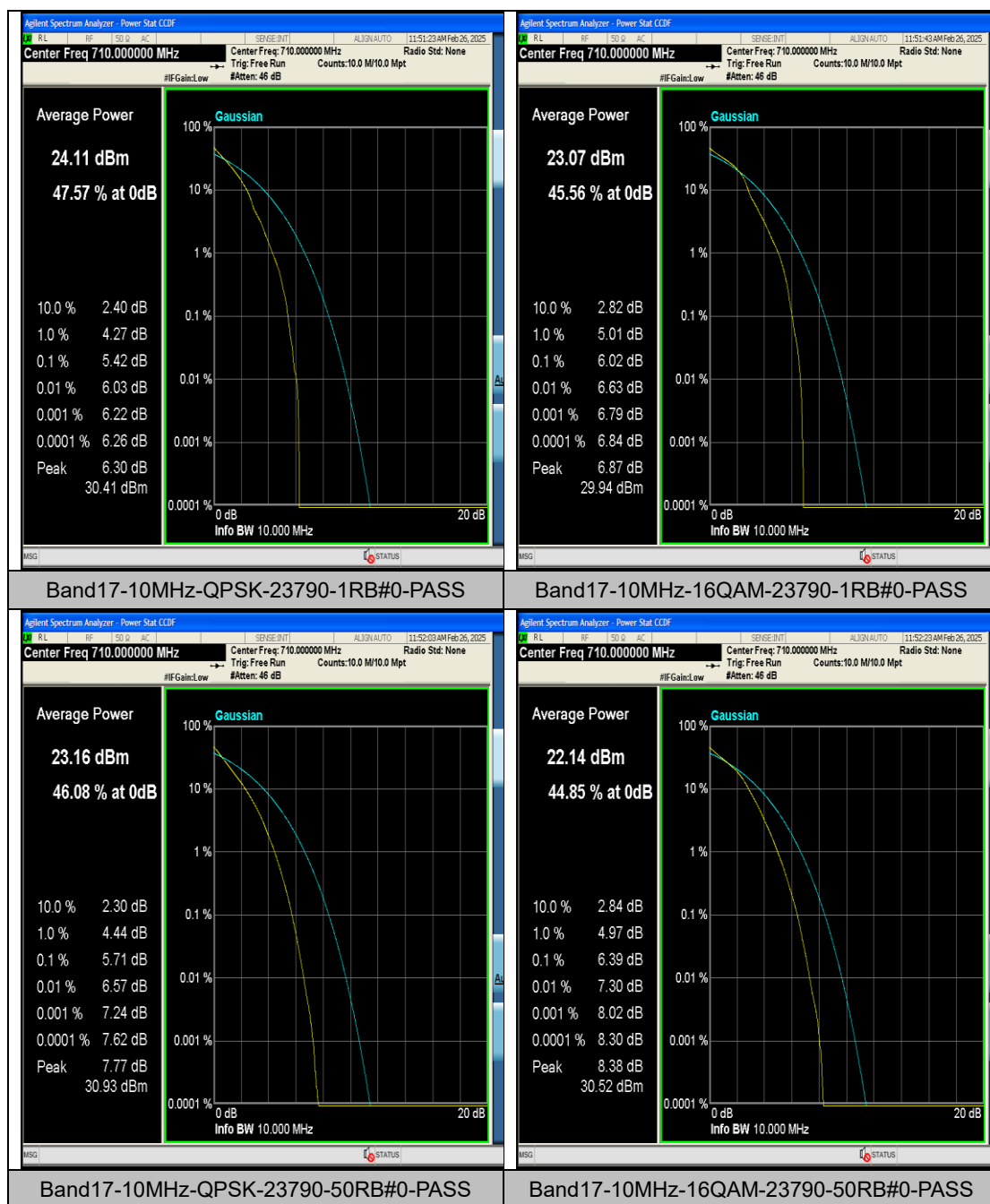
Test Graphs











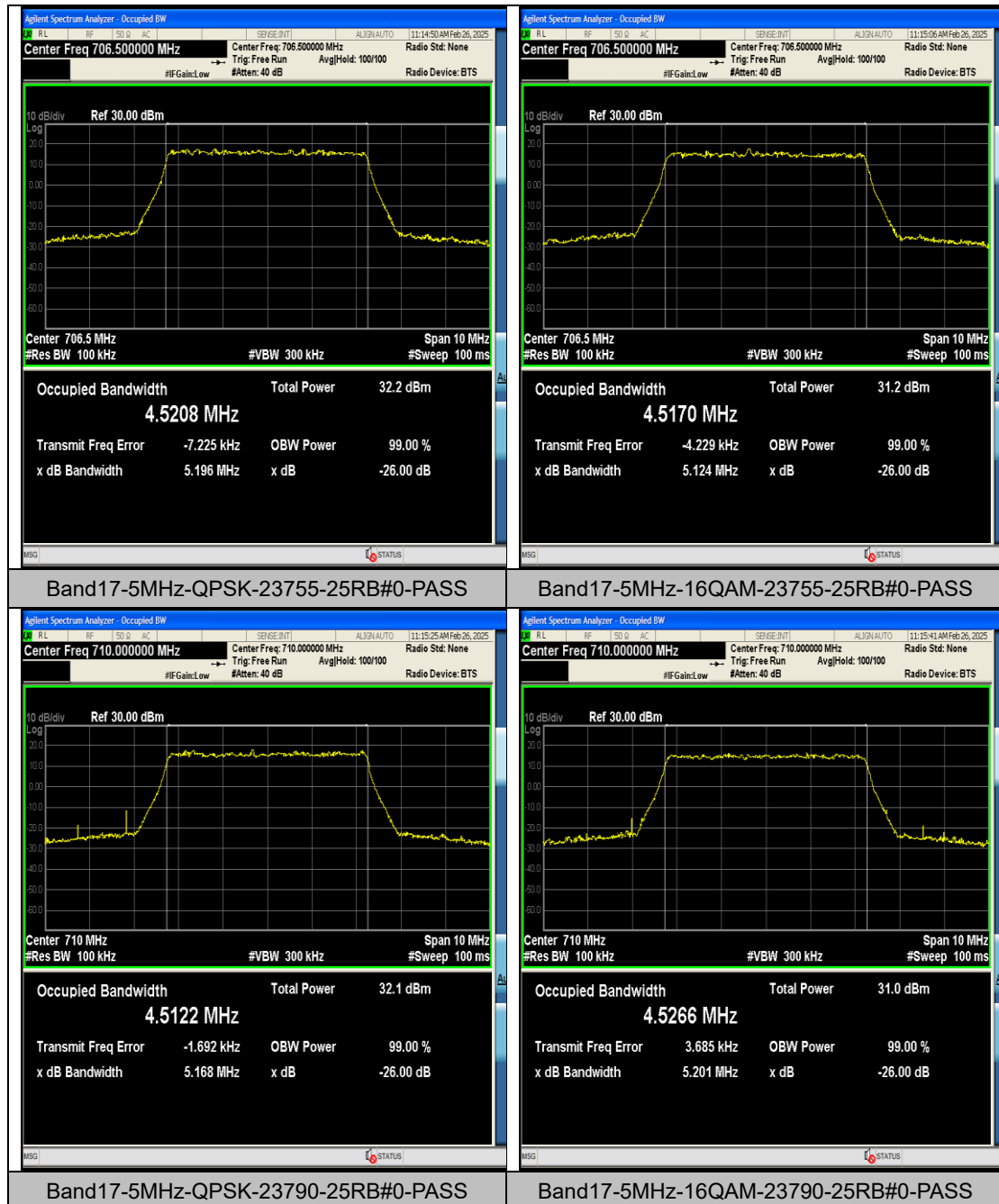


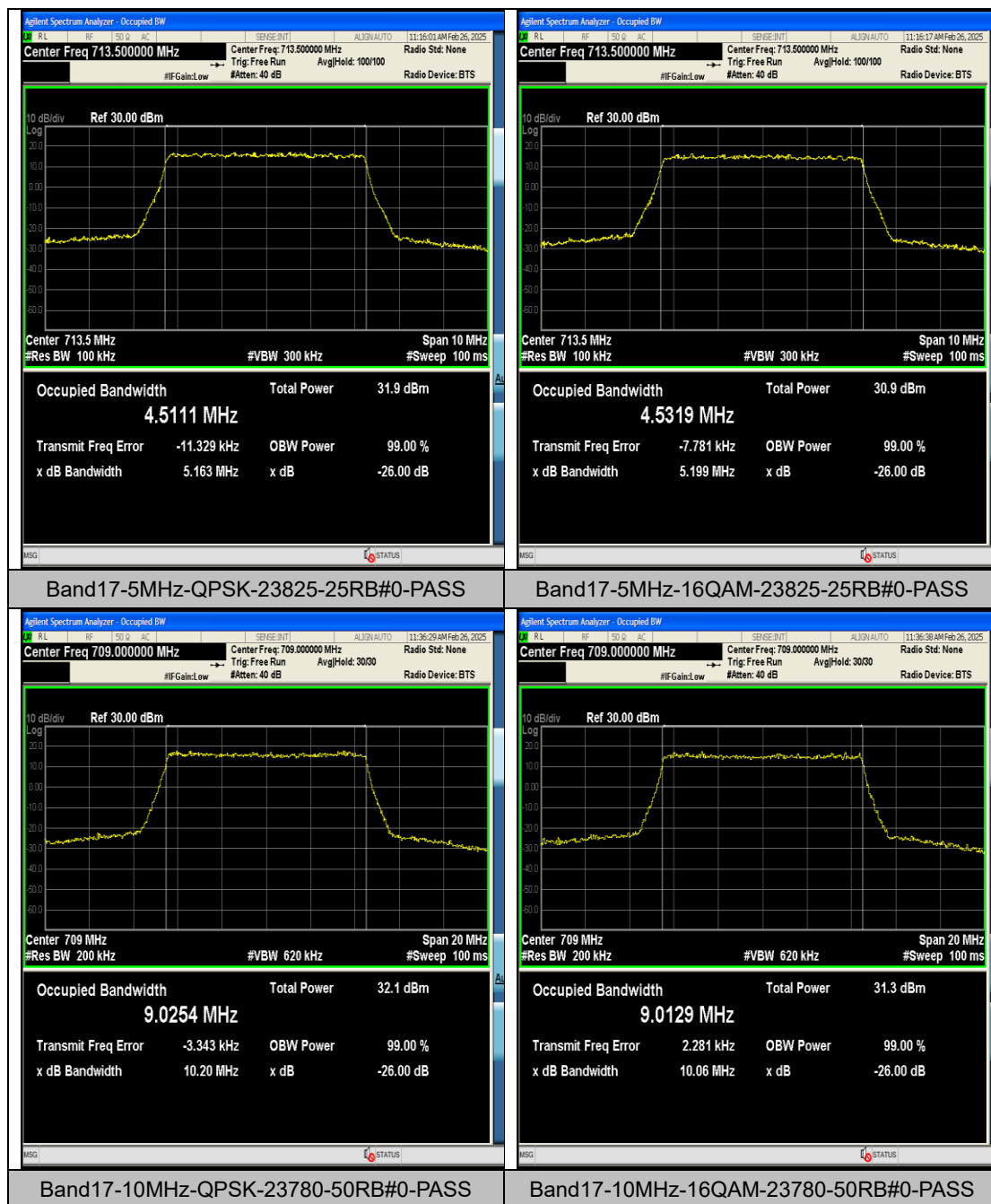
Appendix C: 26dB Bandwidth and Occupied Bandwidth

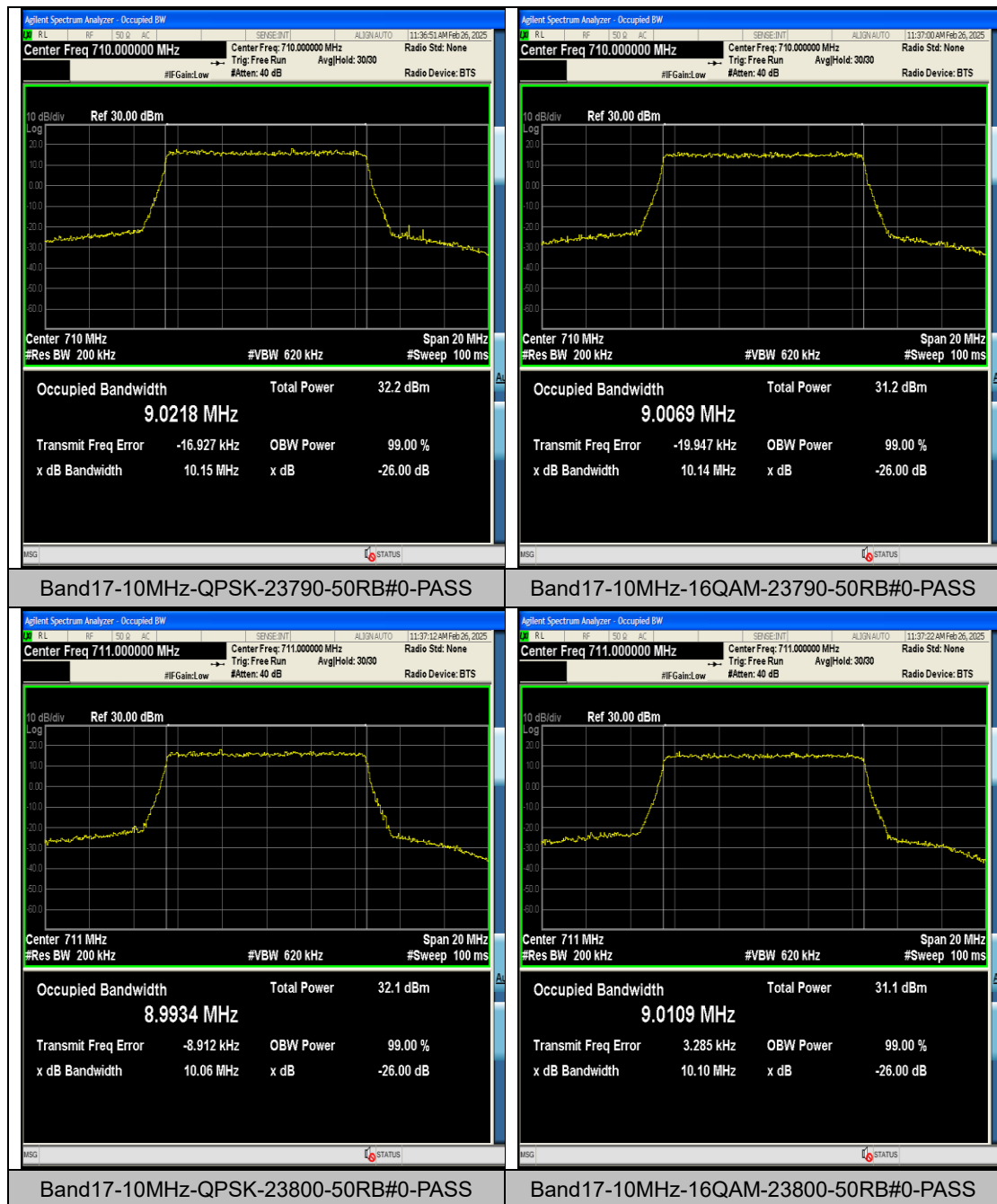
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.5208	5.196	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5170	5.124	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5122	5.168	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5266	5.201	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5111	5.163	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5319	5.199	PASS
Band17	10MHz	QPSK	23780	50RB#0	9.0254	10.20	PASS
Band17	10MHz	16QAM	23780	50RB#0	9.0129	10.06	PASS
Band17	10MHz	QPSK	23790	50RB#0	9.0218	10.15	PASS
Band17	10MHz	16QAM	23790	50RB#0	9.0069	10.14	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9934	10.06	PASS
Band17	10MHz	16QAM	23800	50RB#0	9.0109	10.10	PASS

Test Graphs







Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	-32.33	PASS
Band17	5MHz	16QAM	23755	1RB#0	-33.24	PASS
Band17	5MHz	QPSK	23755	1RB#24	-46.80	PASS
Band17	5MHz	16QAM	23755	1RB#24	-46.66	PASS
Band17	5MHz	QPSK	23755	25RB#0	-31.91	PASS
Band17	5MHz	16QAM	23755	25RB#0	-33.44	PASS
Band17	5MHz	QPSK	23825	1RB#0	0.00	PASS
Band17	5MHz	16QAM	23825	1RB#0	0.00	PASS
Band17	5MHz	QPSK	23825	1RB#24	0.00	PASS
Band17	5MHz	16QAM	23825	1RB#24	0.00	PASS
Band17	5MHz	QPSK	23825	25RB#0	0.00	PASS
Band17	5MHz	16QAM	23825	25RB#0	0.00	PASS
Band17	10MHz	QPSK	23780	1RB#0	-37.09	PASS
Band17	10MHz	16QAM	23780	1RB#0	-37.46	PASS
Band17	10MHz	QPSK	23780	1RB#49	-48.82	PASS
Band17	10MHz	16QAM	23780	1RB#49	-48.76	PASS
Band17	10MHz	QPSK	23780	50RB#0	-34.32	PASS
Band17	10MHz	16QAM	23780	50RB#0	-36.43	PASS
Band17	10MHz	QPSK	23800	1RB#0	0.00	PASS
Band17	10MHz	16QAM	23800	1RB#0	0.00	PASS
Band17	10MHz	QPSK	23800	1RB#49	0.00	PASS
Band17	10MHz	16QAM	23800	1RB#49	0.00	PASS
Band17	10MHz	QPSK	23800	50RB#0	0.00	PASS
Band17	10MHz	16QAM	23800	50RB#0	0.00	PASS

Test Graphs

