

Test Data for E-UTRA Band 17

EUT: <u>Tablet PC</u> Test Model: <u>WO1</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	Conducted Power(dBm)	ERP(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	23.54	21.92	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.39	20.77	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.64	22.02	PASS
Band17	5MHz	16QAM	23755	1RB#12	22.61	20.99	PASS
Band17	5MHz	QPSK	23755	1RB#24	23.51	21.89	PASS
Band17	5MHz	16QAM	23755	1RB#24	23.02	21.40	PASS
Band17	5MHz	QPSK	23755	12RB#0	22.46	20.84	PASS
Band17	5MHz	16QAM	23755	12RB#0	21.43	19.81	PASS
Band17	5MHz	QPSK	23755	12RB#6	22.47	20.85	PASS
Band17	5MHz	16QAM	23755	12RB#6	21.38	19.76	PASS
Band17	5MHz	QPSK	23755	12RB#13	22.59	20.97	PASS
Band17	5MHz	16QAM	23755	12RB#13	21.50	19.88	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.50	20.88	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.50	19.88	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.54	21.92	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.65	21.03	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.70	22.08	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.81	21.19	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.65	22.03	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.82	21.2	PASS
Band17	5MHz	QPSK	23790	12RB#0	22.68	21.06	PASS
Band17	5MHz	16QAM	23790	12RB#0	21.68	20.06	PASS
Band17	5MHz	QPSK	23790	12RB#6	22.69	21.07	PASS
Band17	5MHz	16QAM	23790	12RB#6	21.68	20.06	PASS
Band17	5MHz	QPSK	23790	12RB#13	22.60	20.98	PASS
Band17	5MHz	16QAM	23790	12RB#13	21.62	20	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.69	21.07	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.59	19.97	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.70	22.08	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.61	20.99	PASS
Band17	5MHz	QPSK	23825	1RB#12	23.95	22.33	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.84	21.22	PASS
Band17	5MHz	QPSK	23825	1RB#24	23.82	22.2	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.74	21.12	PASS
Band17	5MHz	QPSK	23825	12RB#0	22.93	21.31	PASS
Band17	5MHz	16QAM	23825	12RB#0	21.79	20.17	PASS

Band17	5MHz	QPSK	23825	12RB#6	22.87	21.25	PASS
Band17	5MHz	16QAM	23825	12RB#6	21.76	20.14	PASS
Band17	5MHz	QPSK	23825	12RB#13	22.97	21.35	PASS
Band17	5MHz	16QAM	23825	12RB#13	21.85	20.23	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.93	21.31	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.90	20.28	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.57	21.95	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.59	20.97	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.79	22.17	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.80	21.18	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.75	22.13	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.83	21.21	PASS
Band17	10MHz	QPSK	23780	25RB#0	22.56	20.94	PASS
Band17	10MHz	16QAM	23780	25RB#0	21.56	19.94	PASS
Band17	10MHz	QPSK	23780	25RB#12	22.59	20.97	PASS
Band17	10MHz	16QAM	23780	25RB#12	21.51	19.89	PASS
Band17	10MHz	QPSK	23780	25RB#25	22.55	20.93	PASS
Band17	10MHz	16QAM	23780	25RB#25	21.52	19.9	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.53	20.91	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.50	19.88	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.55	21.93	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.61	20.99	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.77	22.15	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.84	21.22	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.76	22.14	PASS
Band17	10MHz	16QAM	23790	1RB#49	21.56	19.94	PASS
Band17	10MHz	QPSK	23790	25RB#0	22.68	21.06	PASS
Band17	10MHz	16QAM	23790	25RB#0	21.61	19.99	PASS
Band17	10MHz	QPSK	23790	25RB#12	22.68	21.06	PASS
Band17	10MHz	16QAM	23790	25RB#12	21.61	19.99	PASS
Band17	10MHz	QPSK	23790	25RB#25	22.65	21.03	PASS
Band17	10MHz	16QAM	23790	25RB#25	21.59	19.97	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.69	21.07	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.62	20	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.55	21.93	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.62	21	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.83	22.21	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.89	21.27	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.83	22.21	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.85	21.23	PASS
Band17	10MHz	QPSK	23800	25RB#0	22.77	21.15	PASS
Band17	10MHz	16QAM	23800	25RB#0	21.76	20.14	PASS
Band17	10MHz	QPSK	23800	25RB#12	22.76	21.14	PASS

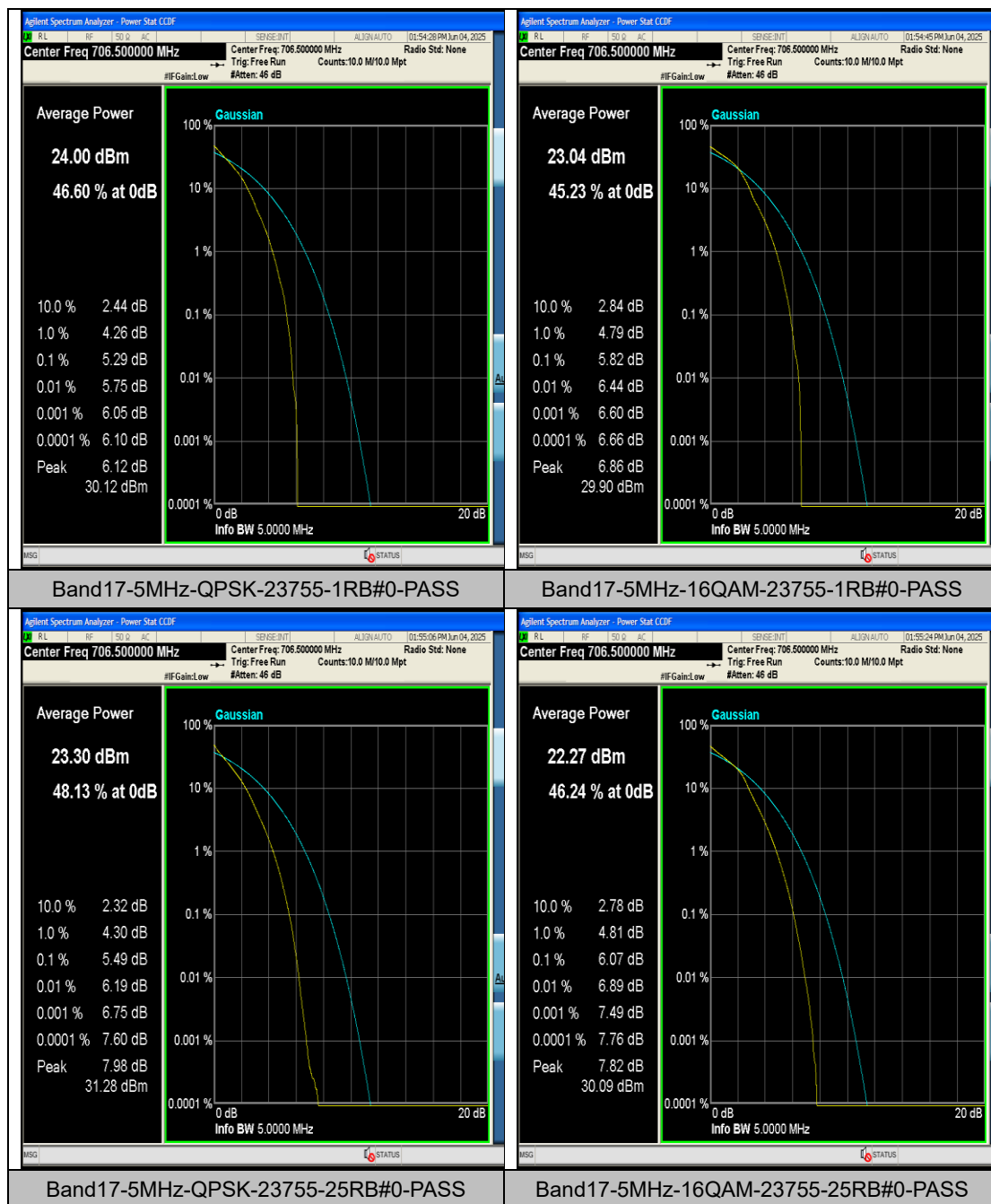
Band17	10MHz	16QAM	23800	25RB#12	21.74	20.12	PASS
Band17	10MHz	QPSK	23800	25RB#25	22.91	21.29	PASS
Band17	10MHz	16QAM	23800	25RB#25	22.45	20.83	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.81	21.19	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.77	20.15	PASS

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

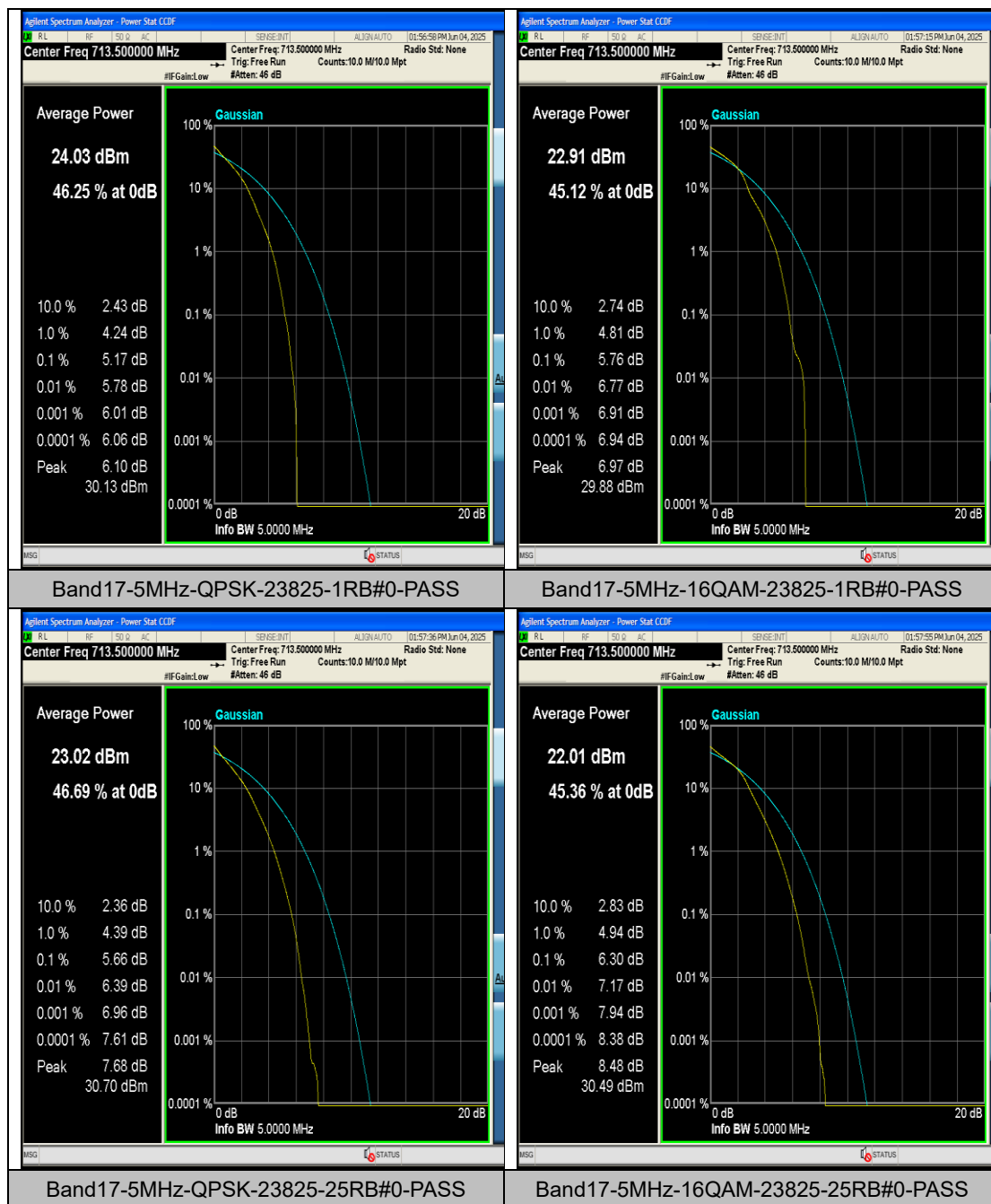
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	5.29	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	5.82	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	5.49	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	6.07	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	4.97	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	5.65	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	5.55	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.19	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	5.17	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	5.76	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.66	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	6.30	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	5.17	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	5.98	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.55	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.20	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	4.94	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	5.69	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.56	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.27	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	4.94	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	6.03	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.61	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.32	13	PASS

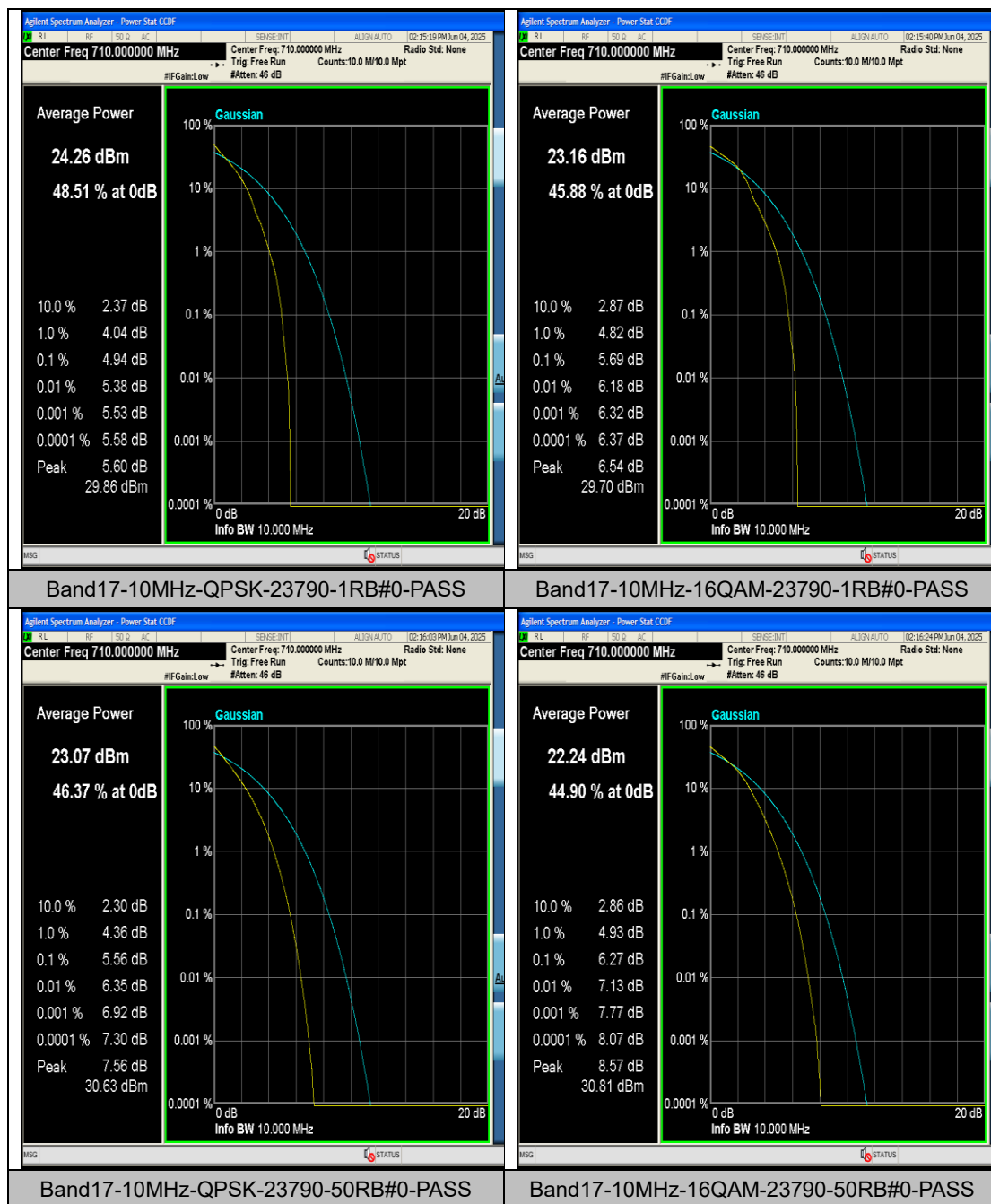
Test Graphs











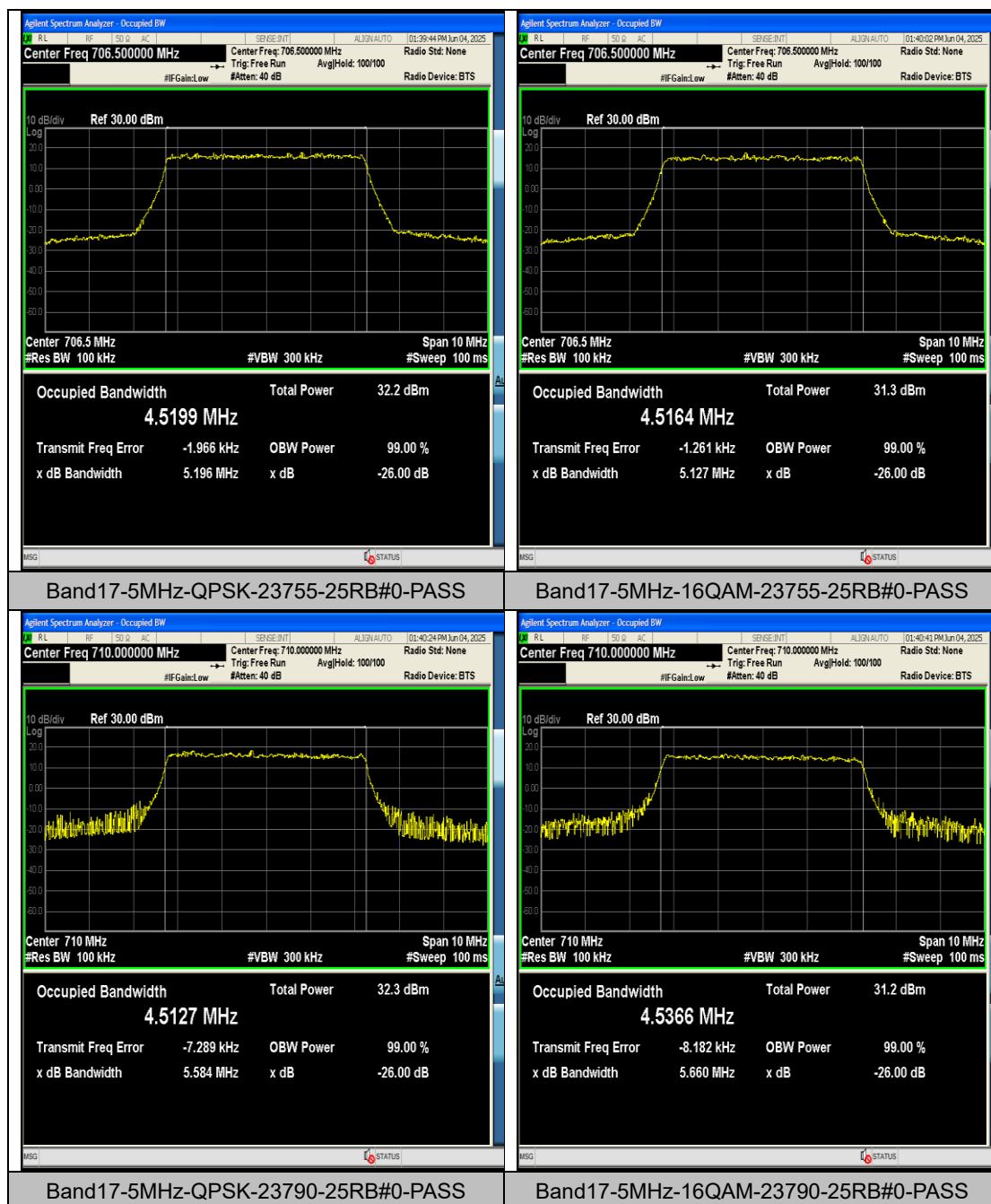


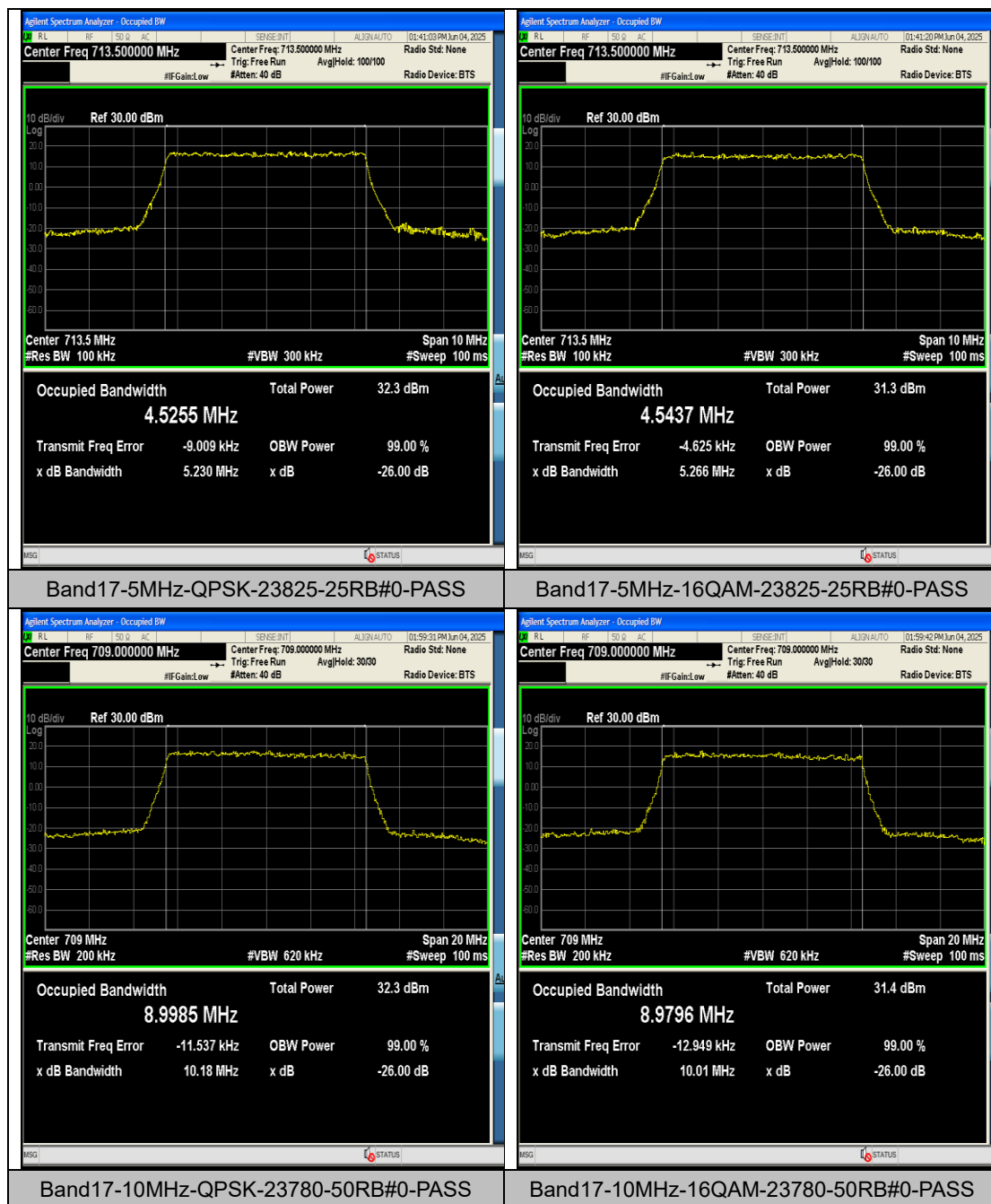
Appendix C: 26dB Bandwidth and Occupied Bandwidth

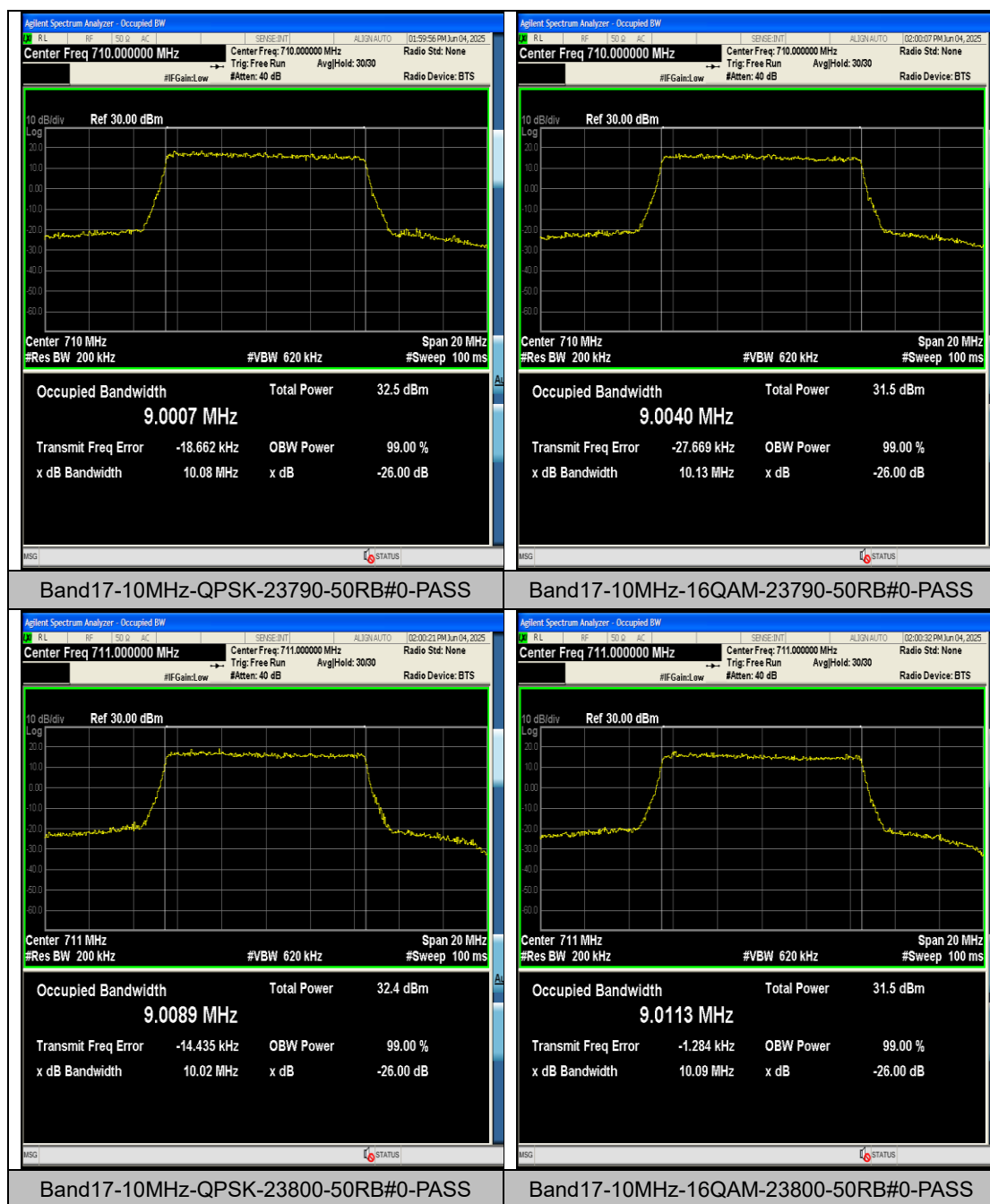
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.5199	5.196	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5164	5.127	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5127	5.584	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5366	5.660	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5255	5.230	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5437	5.266	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9985	10.18	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9796	10.01	PASS
Band17	10MHz	QPSK	23790	50RB#0	9.0007	10.08	PASS
Band17	10MHz	16QAM	23790	50RB#0	9.0040	10.13	PASS
Band17	10MHz	QPSK	23800	50RB#0	9.0089	10.02	PASS
Band17	10MHz	16QAM	23800	50RB#0	9.0113	10.09	PASS

Test Graphs







Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	-30.39	PASS
Band17	5MHz	16QAM	23755	1RB#0	-32.52	PASS
Band17	5MHz	QPSK	23755	1RB#24	-47.51	PASS
Band17	5MHz	16QAM	23755	1RB#24	-47.60	PASS
Band17	5MHz	QPSK	23755	25RB#0	-31.05	PASS
Band17	5MHz	16QAM	23755	25RB#0	-32.07	PASS
Band17	5MHz	QPSK	23825	1RB#0	-34.12	PASS
Band17	5MHz	16QAM	23825	1RB#0	-38.23	PASS
Band17	5MHz	QPSK	23825	1RB#24	-37.45	PASS
Band17	5MHz	16QAM	23825	1RB#24	-35.46	PASS
Band17	5MHz	QPSK	23825	25RB#0	-39.12	PASS
Band17	5MHz	16QAM	23825	25RB#0	-35.12	PASS
Band17	10MHz	QPSK	23780	1RB#0	-37.13	PASS
Band17	10MHz	16QAM	23780	1RB#0	-38.10	PASS
Band17	10MHz	QPSK	23780	1RB#49	-48.46	PASS
Band17	10MHz	16QAM	23780	1RB#49	-48.71	PASS
Band17	10MHz	QPSK	23780	50RB#0	-33.94	PASS
Band17	10MHz	16QAM	23780	50RB#0	-35.04	PASS
Band17	10MHz	QPSK	23800	1RB#0	-38.12	PASS
Band17	10MHz	16QAM	23800	1RB#0	-34.56	PASS
Band17	10MHz	QPSK	23800	1RB#49	-39.56	PASS
Band17	10MHz	16QAM	23800	1RB#49	-31.47	PASS
Band17	10MHz	QPSK	23800	50RB#0	-35.12	PASS
Band17	10MHz	16QAM	23800	50RB#0	-32.23	PASS

Test Graphs

