

Appendix Test Data for LTE Band 17 (Conducted Measurement)

Product Name: 4G Mobile Phone

Trade Mark: AGM

Test Model: M10

FCC ID: 2A3DR-M10

Environmental Conditions

Temperature:	23.5℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Max Zhang
NOTE	N/A

Appendix A:RF output power

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	22.68	PASS
Band17	5MHz	16QAM	23755	1RB#0	21.62	PASS
Band17	5MHz	QPSK	23755	1RB#12	22.63	PASS
Band17	5MHz	16QAM	23755	1RB#12	21.70	PASS
Band17	5MHz	QPSK	23755	1RB#24	22.64	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.15	PASS
Band17	5MHz	QPSK	23755	12RB#0	22.05	PASS
Band17	5MHz	16QAM	23755	12RB#0	21.10	PASS
Band17	5MHz	QPSK	23755	12RB#6	22.04	PASS
Band17	5MHz	16QAM	23755	12RB#6	21.11	PASS
Band17	5MHz	QPSK	23755	12RB#13	22.60	PASS
Band17	5MHz	16QAM	23755	12RB#13	21.54	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.19	PASS
Band17	5MHz	16QAM	23755	25RB#0	20.92	PASS
Band17	5MHz	QPSK	23790	1RB#0	22.64	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.08	PASS
Band17	5MHz	QPSK	23790	1RB#12	22.65	PASS
Band17	5MHz	16QAM	23790	1RB#12	21.60	PASS
Band17	5MHz	QPSK	23790	1RB#24	22.64	PASS
Band17	5MHz	16QAM	23790	1RB#24	21.54	PASS
Band17	5MHz	QPSK	23790	12RB#0	22.46	PASS
Band17	5MHz	16QAM	23790	12RB#0	21.48	PASS

Band17	5MHz	QPSK	23790	12RB#6	22.45	PASS
Band17	5MHz	16QAM	23790	12RB#6	21.54	PASS
Band17	5MHz	QPSK	23790	12RB#13	22.11	PASS
Band17	5MHz	16QAM	23790	12RB#13	21.58	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.08	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.56	PASS
Band17	5MHz	QPSK	23825	1RB#0	22.89	PASS
Band17	5MHz	16QAM	23825	1RB#0	21.42	PASS
Band17	5MHz	QPSK	23825	1RB#12	22.90	PASS
Band17	5MHz	16QAM	23825	1RB#12	21.50	PASS
Band17	5MHz	QPSK	23825	1RB#24	22.90	PASS
Band17	5MHz	16QAM	23825	1RB#24	21.47	PASS
Band17	5MHz	QPSK	23825	12RB#0	22.09	PASS
Band17	5MHz	16QAM	23825	12RB#0	21.54	PASS
Band17	5MHz	QPSK	23825	12RB#6	22.08	PASS
Band17	5MHz	16QAM	23825	12RB#6	21.54	PASS
Band17	5MHz	QPSK	23825	12RB#13	22.20	PASS
Band17	5MHz	16QAM	23825	12RB#13	21.27	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.28	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.48	PASS
Band17	10MHz	QPSK	23780	1RB#0	22.43	PASS
Band17	10MHz	16QAM	23780	1RB#0	21.58	PASS
Band17	10MHz	QPSK	23780	1RB#24	22.40	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.08	PASS
Band17	10MHz	QPSK	23780	1RB#49	22.58	PASS
Band17	10MHz	16QAM	23780	1RB#49	21.62	PASS
Band17	10MHz	QPSK	23780	25RB#0	22.01	PASS
Band17	10MHz	16QAM	23780	25RB#0	20.98	PASS
Band17	10MHz	QPSK	23780	25RB#12	22.12	PASS
Band17	10MHz	16QAM	23780	25RB#12	21.00	PASS
Band17	10MHz	QPSK	23780	25RB#25	22.06	PASS
Band17	10MHz	16QAM	23780	25RB#25	21.53	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.43	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.62	PASS
Band17	10MHz	QPSK	23790	1RB#0	22.69	PASS
Band17	10MHz	16QAM	23790	1RB#0	21.50	PASS
Band17	10MHz	QPSK	23790	1RB#24	22.59	PASS
Band17	10MHz	16QAM	23790	1RB#24	21.52	PASS
Band17	10MHz	QPSK	23790	1RB#49	22.64	PASS
Band17	10MHz	16QAM	23790	1RB#49	21.50	PASS
Band17	10MHz	QPSK	23790	25RB#0	22.61	PASS
Band17	10MHz	16QAM	23790	25RB#0	21.60	PASS
Band17	10MHz	QPSK	23790	25RB#12	22.61	PASS

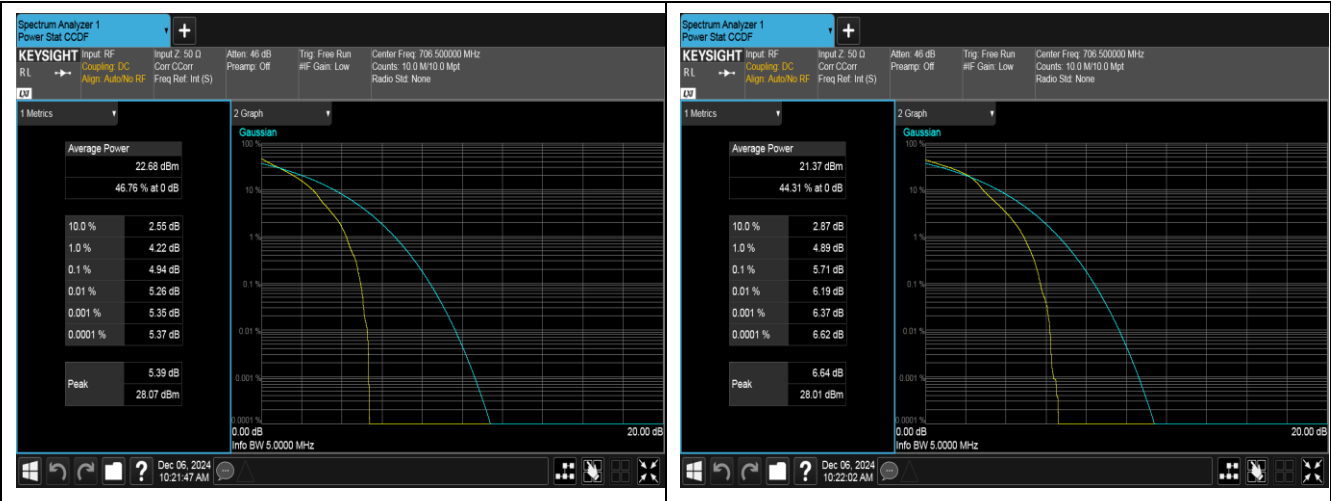
Band17	10MHz	16QAM	23790	25RB#12	21.60	PASS
Band17	10MHz	QPSK	23790	25RB#25	21.99	PASS
Band17	10MHz	16QAM	23790	25RB#25	21.67	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.12	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.57	PASS
Band17	10MHz	QPSK	23800	1RB#0	22.55	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.64	PASS
Band17	10MHz	QPSK	23800	1RB#24	22.54	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.65	PASS
Band17	10MHz	QPSK	23800	1RB#49	22.55	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.63	PASS
Band17	10MHz	QPSK	23800	25RB#0	22.55	PASS
Band17	10MHz	16QAM	23800	25RB#0	21.62	PASS
Band17	10MHz	QPSK	23800	25RB#12	22.56	PASS
Band17	10MHz	16QAM	23800	25RB#12	21.63	PASS
Band17	10MHz	QPSK	23800	25RB#25	22.24	PASS
Band17	10MHz	16QAM	23800	25RB#25	21.31	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.17	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.57	PASS

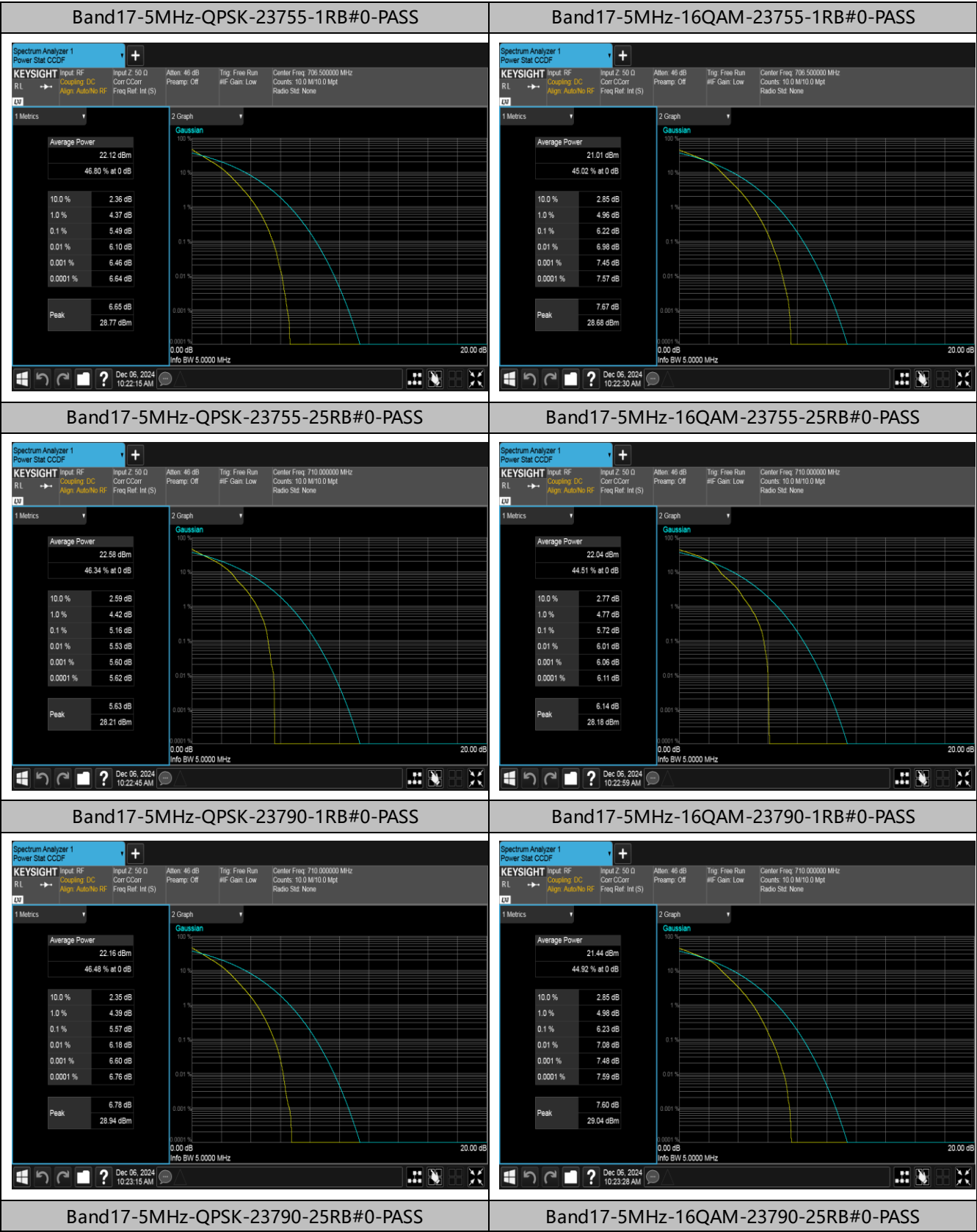
Appendix B:Peak-to-Average Ratio (CCDF)

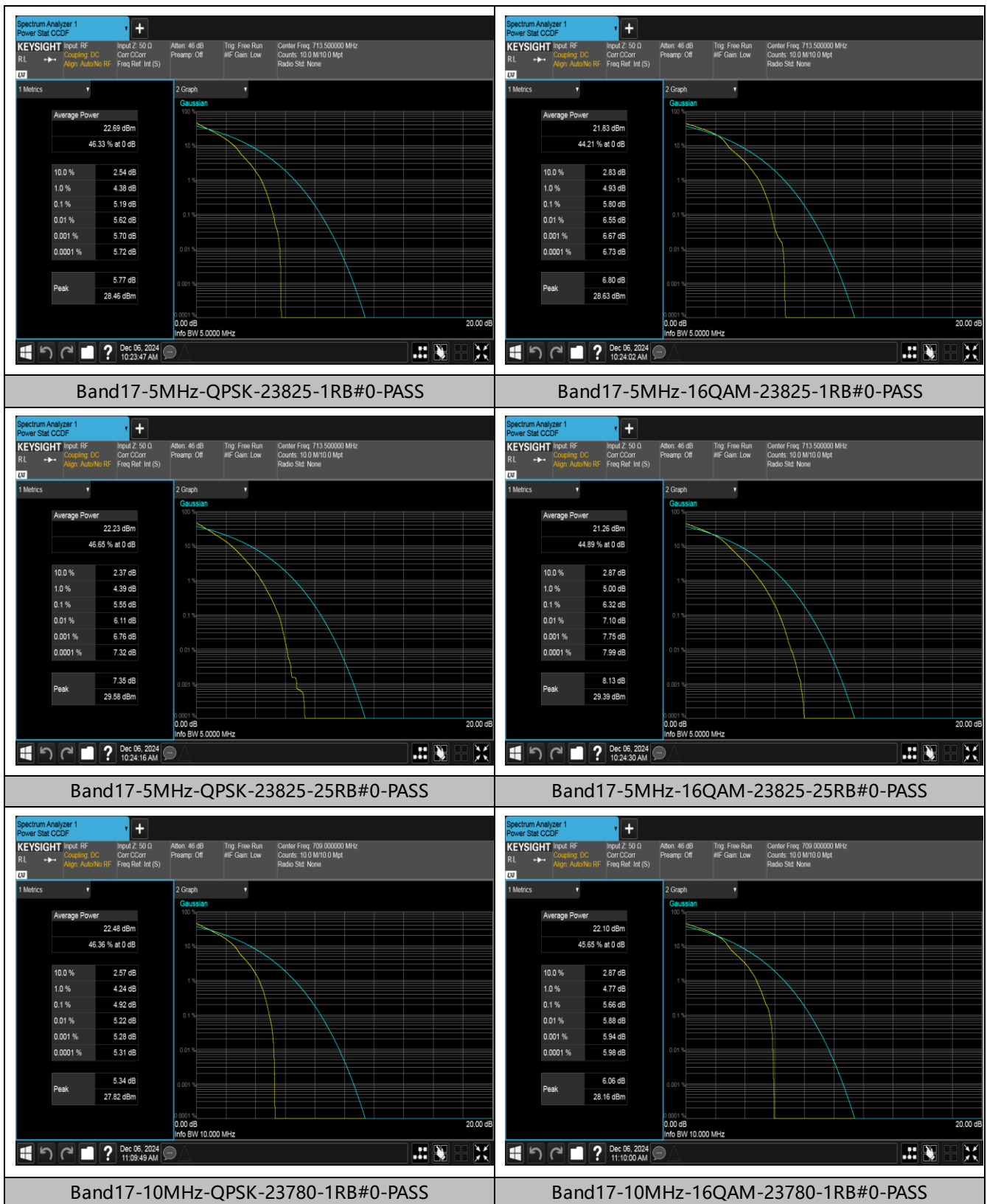
Test Result

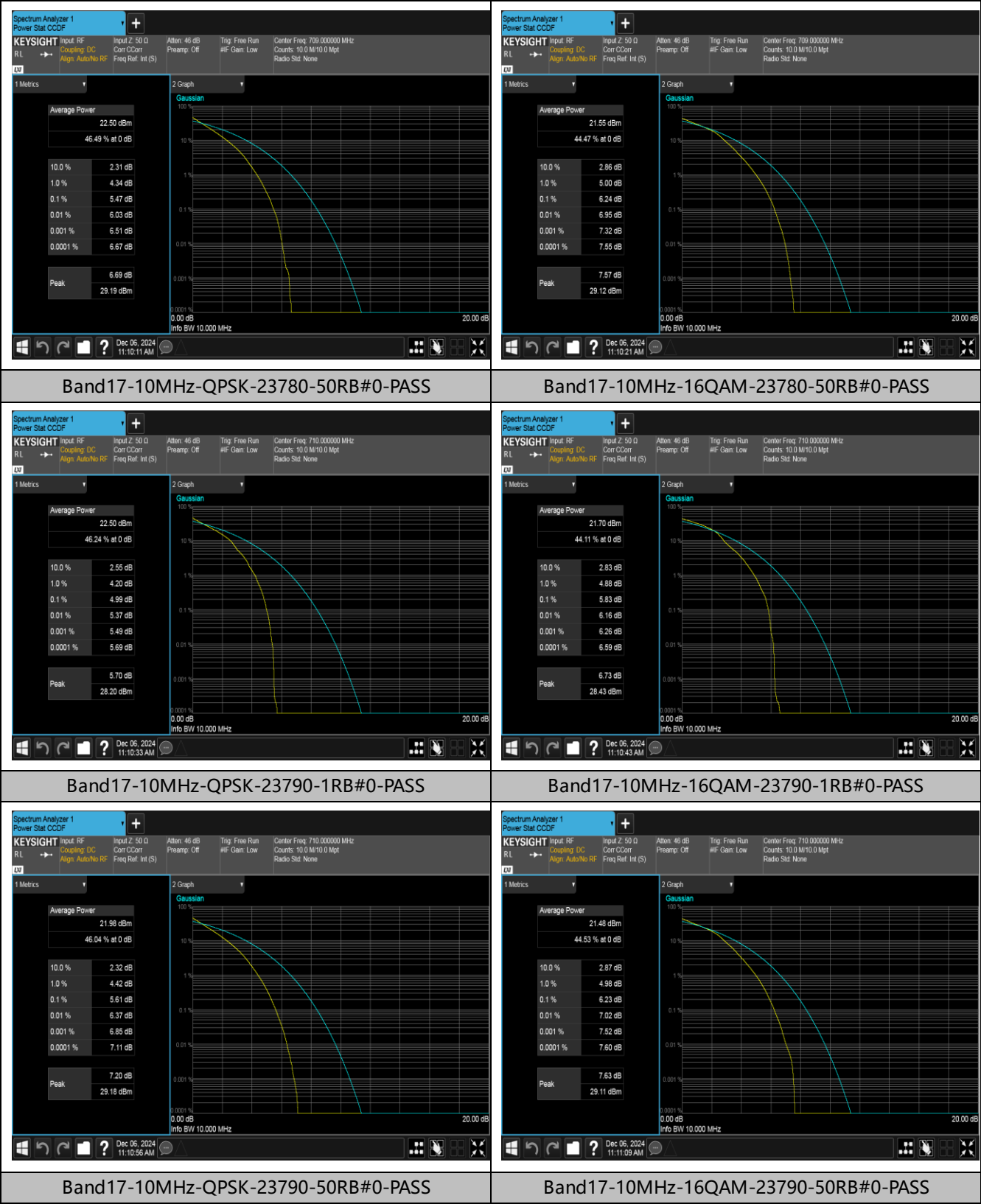
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	4.94	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	5.71	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	5.49	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	6.22	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	5.16	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	5.72	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	5.57	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.23	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	5.19	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	5.80	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.55	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	6.32	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	4.92	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	5.66	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.47	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.24	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	4.99	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	5.83	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.61	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.23	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	4.95	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	5.74	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.53	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.25	13	PASS

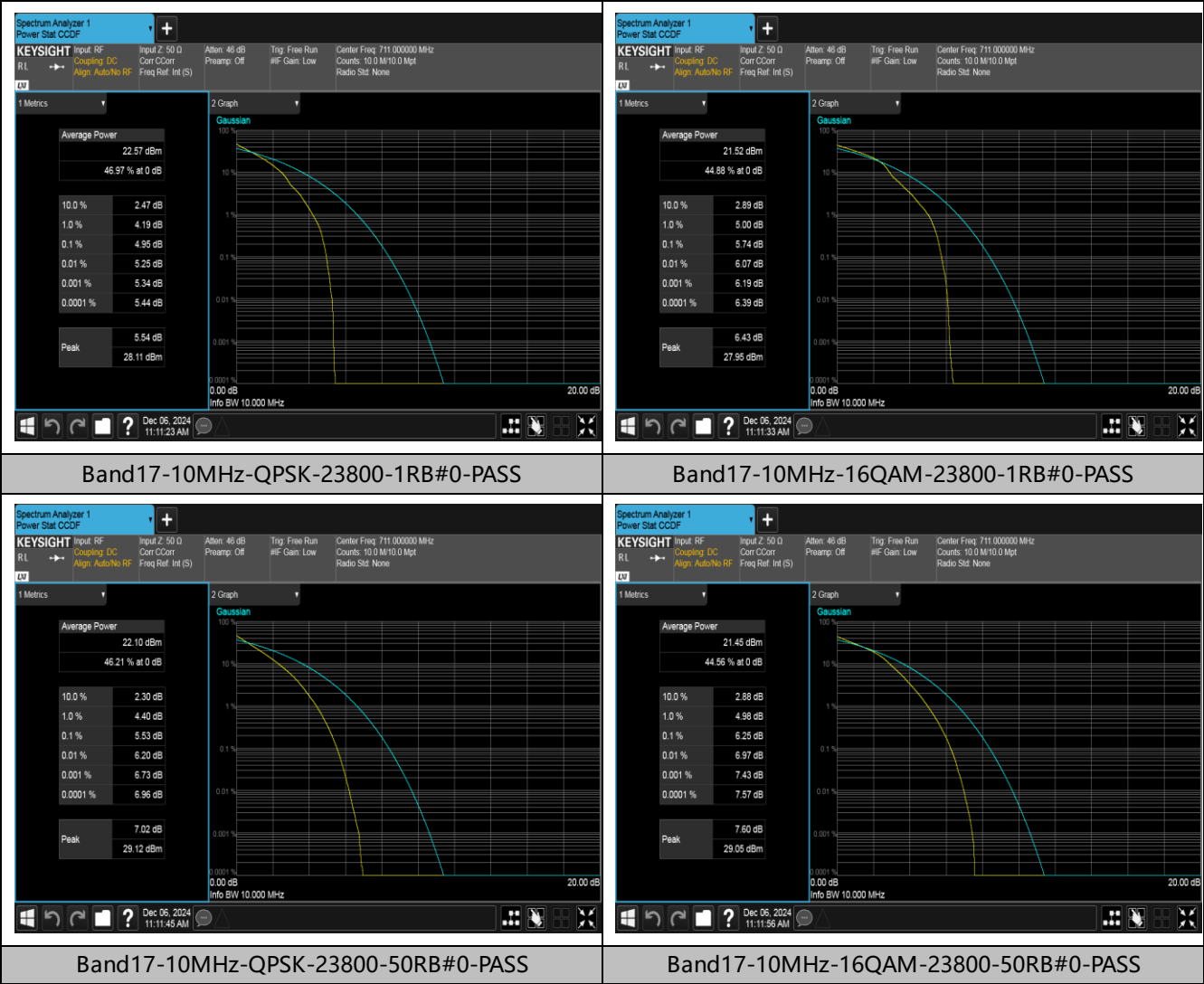
Test Graphs









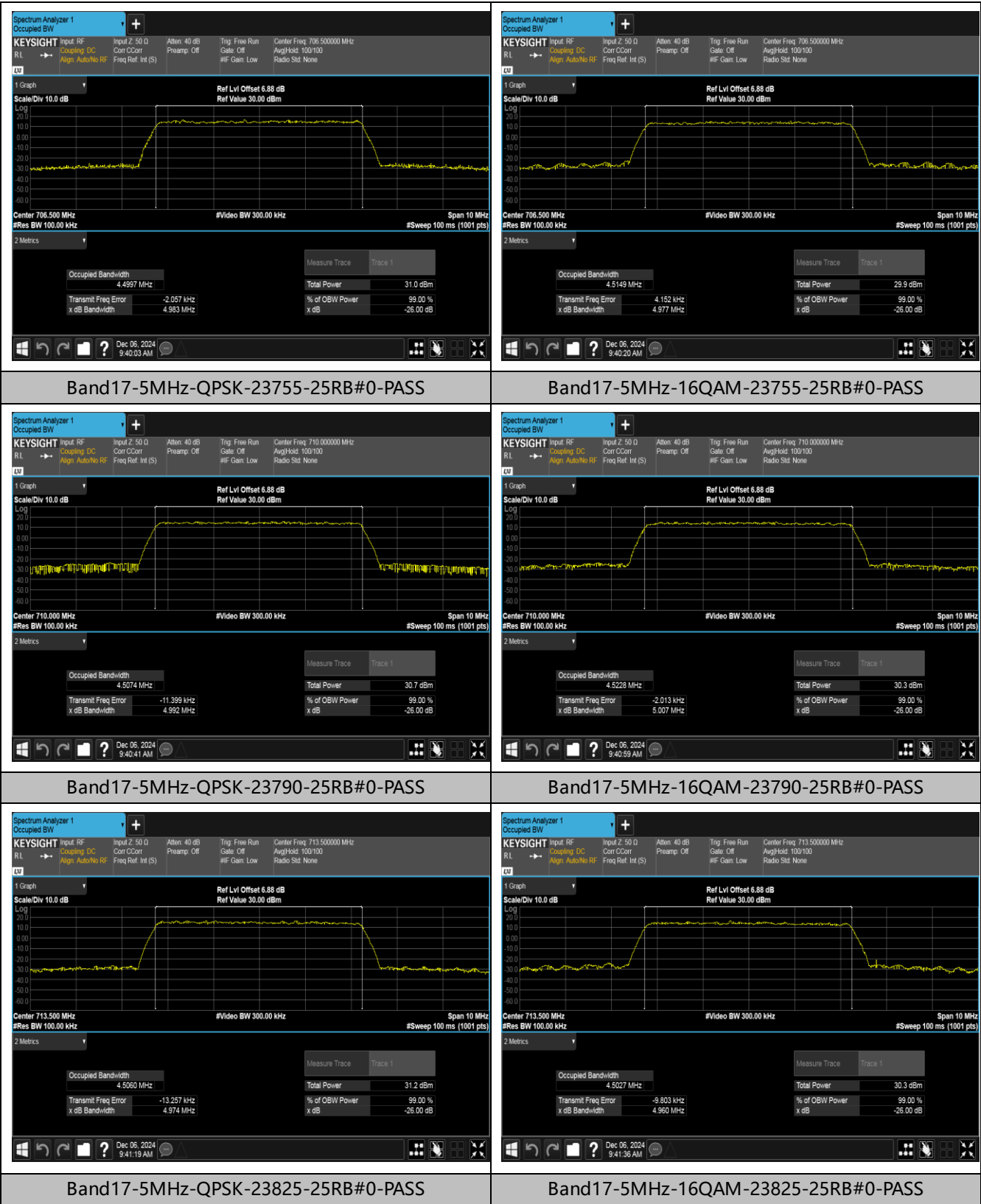


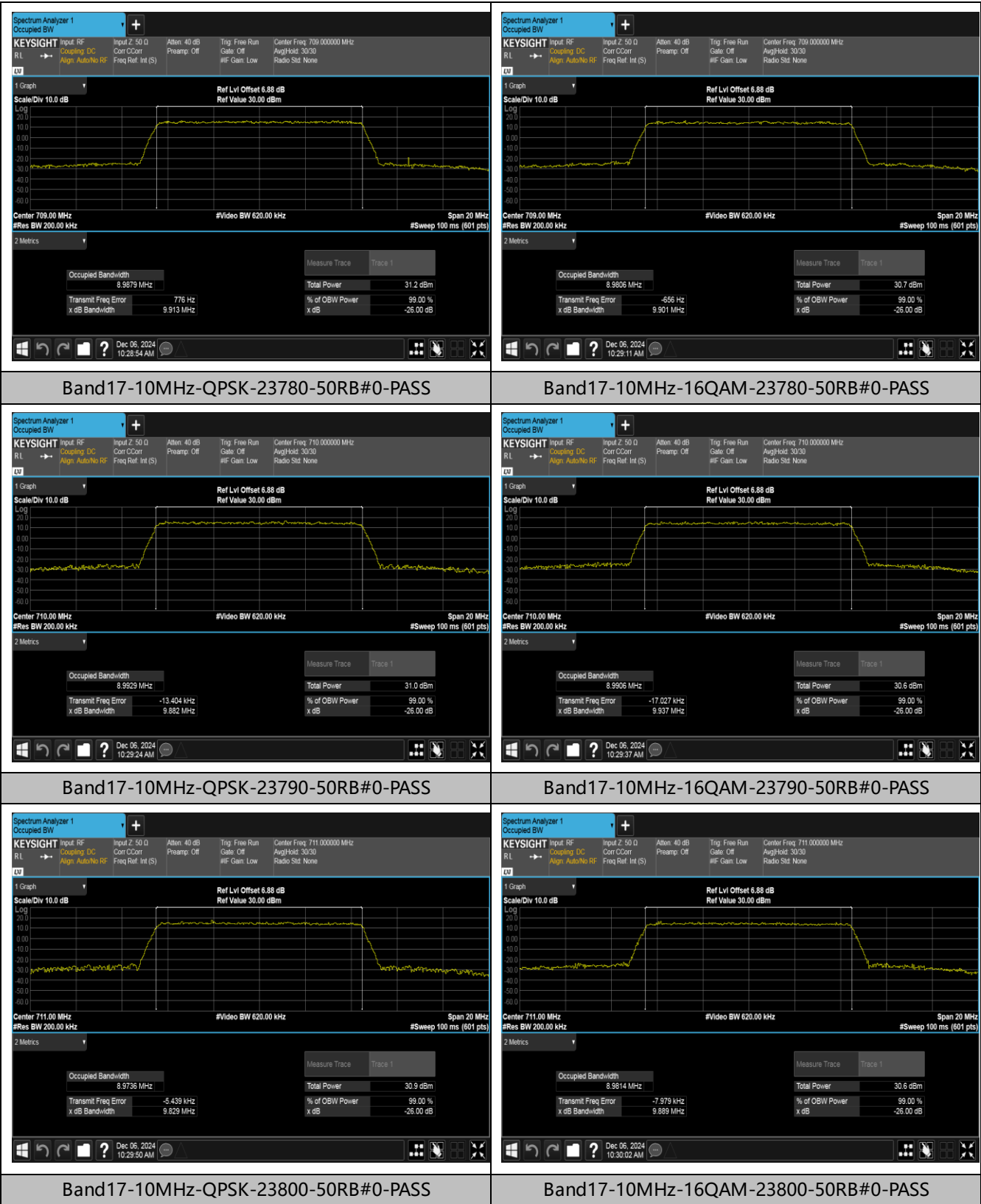
Appendix C:Occupied bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.4997	4.983	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5149	4.977	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5074	4.992	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5228	5.007	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5060	4.974	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5027	4.960	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9879	9.913	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9806	9.901	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9929	9.882	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9906	9.937	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9736	9.829	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9814	9.889	PASS

Test Graphs



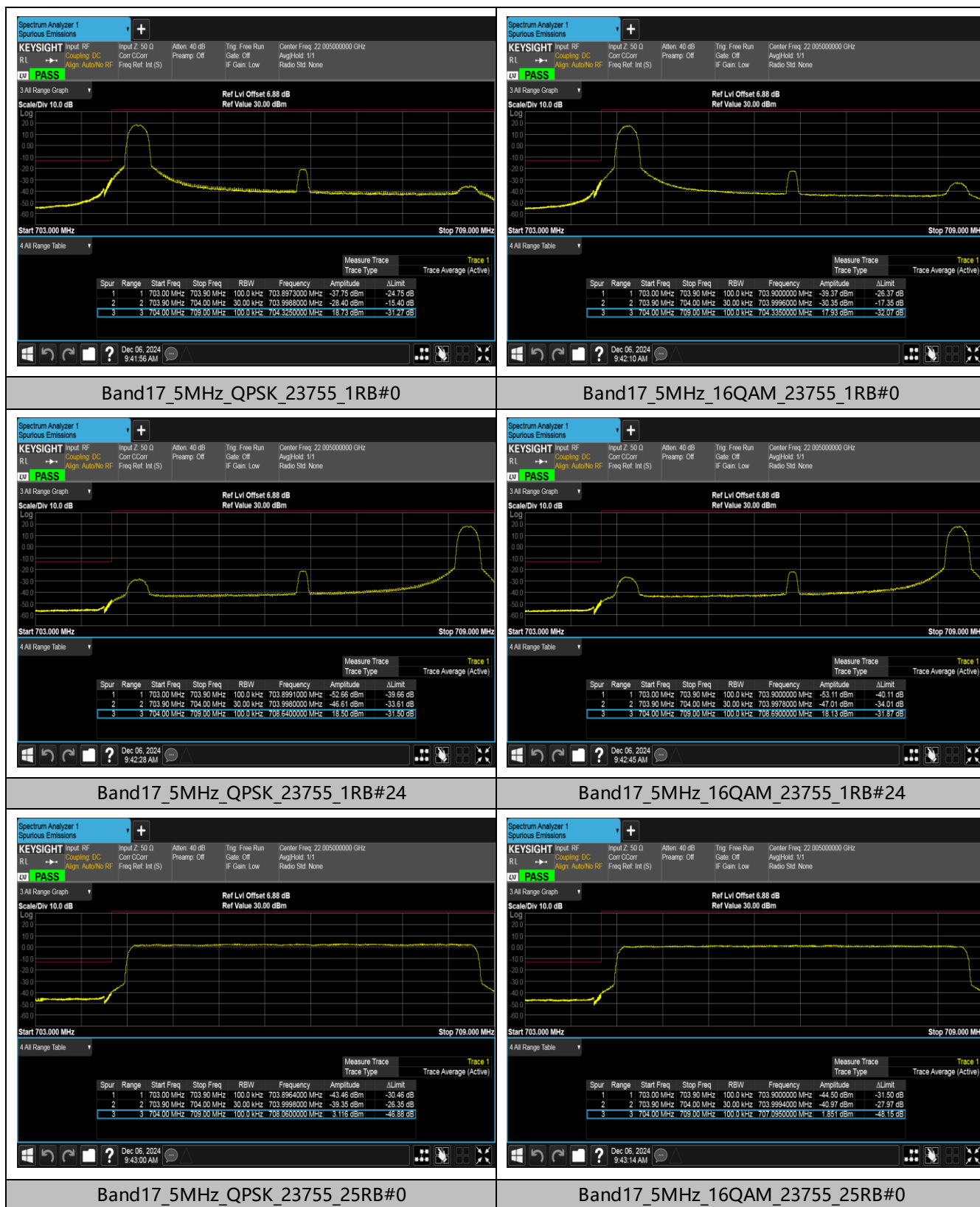


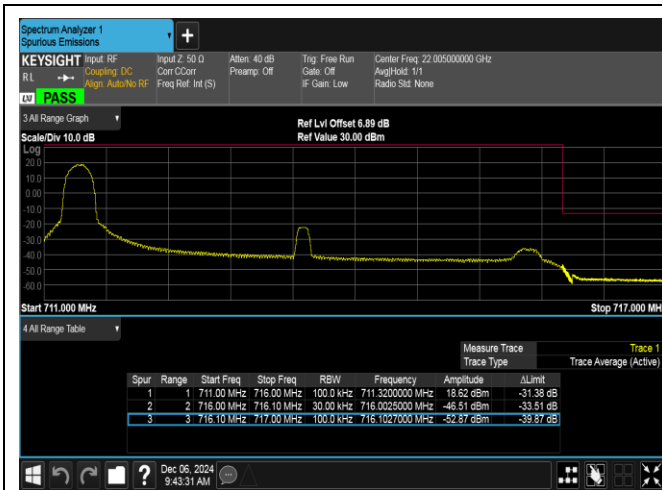
Appendix D:Band edge emissions

Test Result

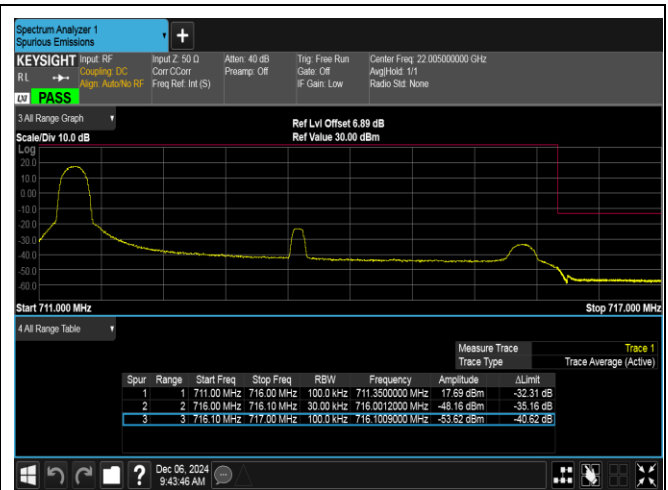
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	-28.40	PASS
Band17	5MHz	16QAM	23755	1RB#0	-30.35	PASS
Band17	5MHz	QPSK	23755	1RB#24	-46.61	PASS
Band17	5MHz	16QAM	23755	1RB#24	-47.01	PASS
Band17	5MHz	QPSK	23755	25RB#0	-39.35	PASS
Band17	5MHz	16QAM	23755	25RB#0	-40.97	PASS
Band17	5MHz	QPSK	23825	1RB#0	-46.51	PASS
Band17	5MHz	16QAM	23825	1RB#0	-48.16	PASS
Band17	5MHz	QPSK	23825	1RB#24	-28.92	PASS
Band17	5MHz	16QAM	23825	1RB#24	-28.80	PASS
Band17	5MHz	QPSK	23825	25RB#0	-40.04	PASS
Band17	5MHz	16QAM	23825	25RB#0	-40.88	PASS
Band17	10MHz	QPSK	23780	1RB#0	-35.53	PASS
Band17	10MHz	16QAM	23780	1RB#0	-36.06	PASS
Band17	10MHz	QPSK	23780	1RB#49	-51.49	PASS
Band17	10MHz	16QAM	23780	1RB#49	-51.33	PASS
Band17	10MHz	QPSK	23780	50RB#0	-44.96	PASS
Band17	10MHz	16QAM	23780	50RB#0	-44.95	PASS
Band17	10MHz	QPSK	23800	1RB#0	-52.88	PASS
Band17	10MHz	16QAM	23800	1RB#0	-53.59	PASS
Band17	10MHz	QPSK	23800	1RB#49	-35.50	PASS
Band17	10MHz	16QAM	23800	1RB#49	-35.67	PASS
Band17	10MHz	QPSK	23800	50RB#0	-45.52	PASS
Band17	10MHz	16QAM	23800	50RB#0	-45.49	PASS

Test Graphs

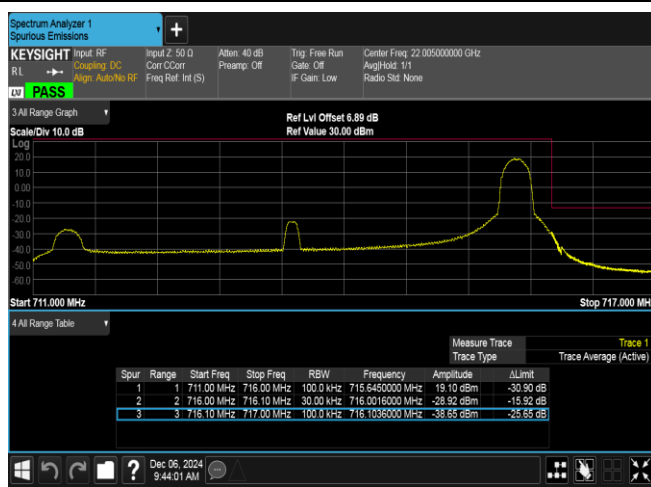




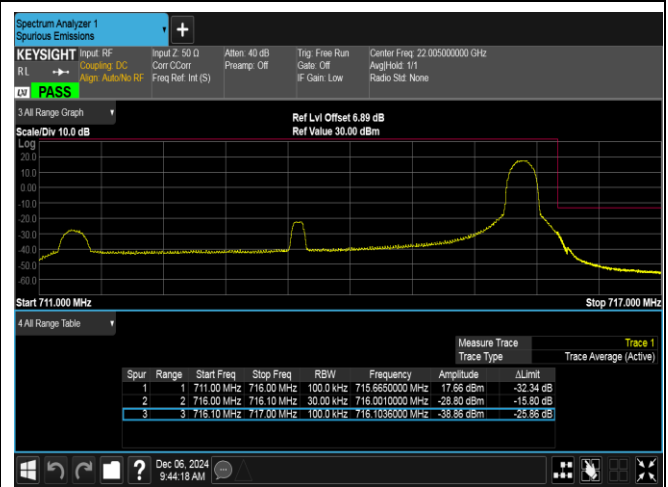
Band17_5MHz_QPSK_23825_1RB#0



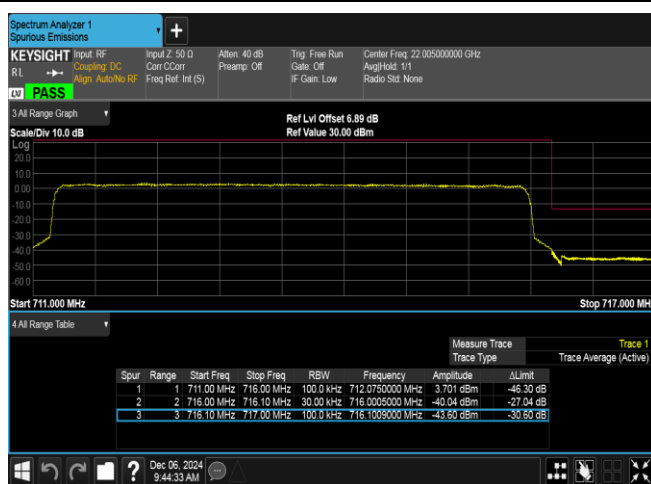
Band17_5MHz_16QAM_23825_1RB#0



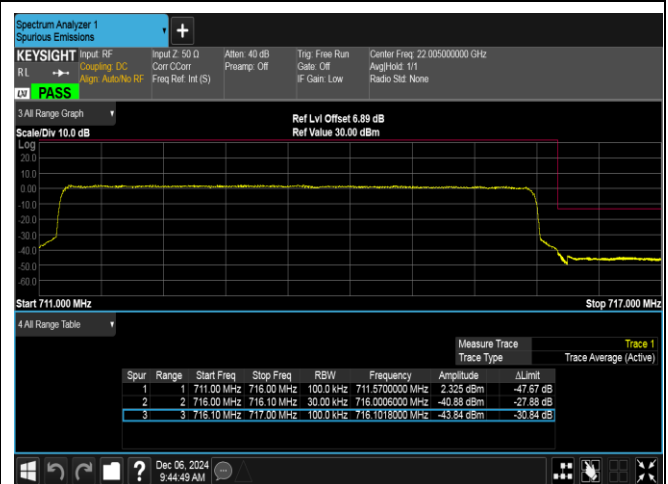
Band17_5MHz_QPSK_23825_1RB#24



Band17_5MHz_16QAM_23825_1RB#24



Band17_5MHz_QPSK_23825_25RB#0



Band17_5MHz_16QAM_23825_25RB#0

