

Appendix for Band 17

Product Name: 5G CPE

Model No: C150

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	22.98	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.48	PASS
Band17	5MHz	QPSK	23755	1RB#12	22.63	PASS
Band17	5MHz	16QAM	23755	1RB#12	22.87	PASS
Band17	5MHz	QPSK	23755	1RB#24	22.97	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.78	PASS
Band17	5MHz	QPSK	23755	12RB#0	22.64	PASS
Band17	5MHz	16QAM	23755	12RB#0	21.71	PASS
Band17	5MHz	QPSK	23755	12RB#6	22.61	PASS
Band17	5MHz	16QAM	23755	12RB#6	21.70	PASS
Band17	5MHz	QPSK	23755	12RB#13	22.69	PASS
Band17	5MHz	16QAM	23755	12RB#13	21.71	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.66	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.61	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.57	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.53	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.66	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.59	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.59	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.54	PASS
Band17	5MHz	QPSK	23790	12RB#0	22.54	PASS
Band17	5MHz	16QAM	23790	12RB#0	21.65	PASS
Band17	5MHz	QPSK	23790	12RB#6	22.57	PASS
Band17	5MHz	16QAM	23790	12RB#6	21.61	PASS
Band17	5MHz	QPSK	23790	12RB#13	22.59	PASS
Band17	5MHz	16QAM	23790	12RB#13	21.59	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.59	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.58	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.52	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.58	PASS
Band17	5MHz	QPSK	23825	1RB#12	23.59	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.59	PASS
Band17	5MHz	QPSK	23825	1RB#24	23.52	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.53	PASS
Band17	5MHz	QPSK	23825	12RB#0	22.56	PASS

Band17	5MHz	16QAM	23825	12RB#0	21.55	PASS
Band17	5MHz	QPSK	23825	12RB#6	22.51	PASS
Band17	5MHz	16QAM	23825	12RB#6	21.56	PASS
Band17	5MHz	QPSK	23825	12RB#13	22.52	PASS
Band17	5MHz	16QAM	23825	12RB#13	21.54	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.52	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.58	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.55	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.62	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.39	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.52	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.39	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.53	PASS
Band17	10MHz	QPSK	23780	25RB#0	22.56	PASS
Band17	10MHz	16QAM	23780	25RB#0	21.49	PASS
Band17	10MHz	QPSK	23780	25RB#12	22.62	PASS
Band17	10MHz	16QAM	23780	25RB#12	21.53	PASS
Band17	10MHz	QPSK	23780	25RB#25	22.51	PASS
Band17	10MHz	16QAM	23780	25RB#25	21.55	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.55	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.59	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.54	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.42	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.51	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.36	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.48	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.28	PASS
Band17	10MHz	QPSK	23790	25RB#0	22.57	PASS
Band17	10MHz	16QAM	23790	25RB#0	21.58	PASS
Band17	10MHz	QPSK	23790	25RB#12	22.58	PASS
Band17	10MHz	16QAM	23790	25RB#12	21.48	PASS
Band17	10MHz	QPSK	23790	25RB#25	22.50	PASS
Band17	10MHz	16QAM	23790	25RB#25	21.56	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.58	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.54	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.60	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.37	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.49	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.40	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.34	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.24	PASS
Band17	10MHz	QPSK	23800	25RB#0	22.61	PASS

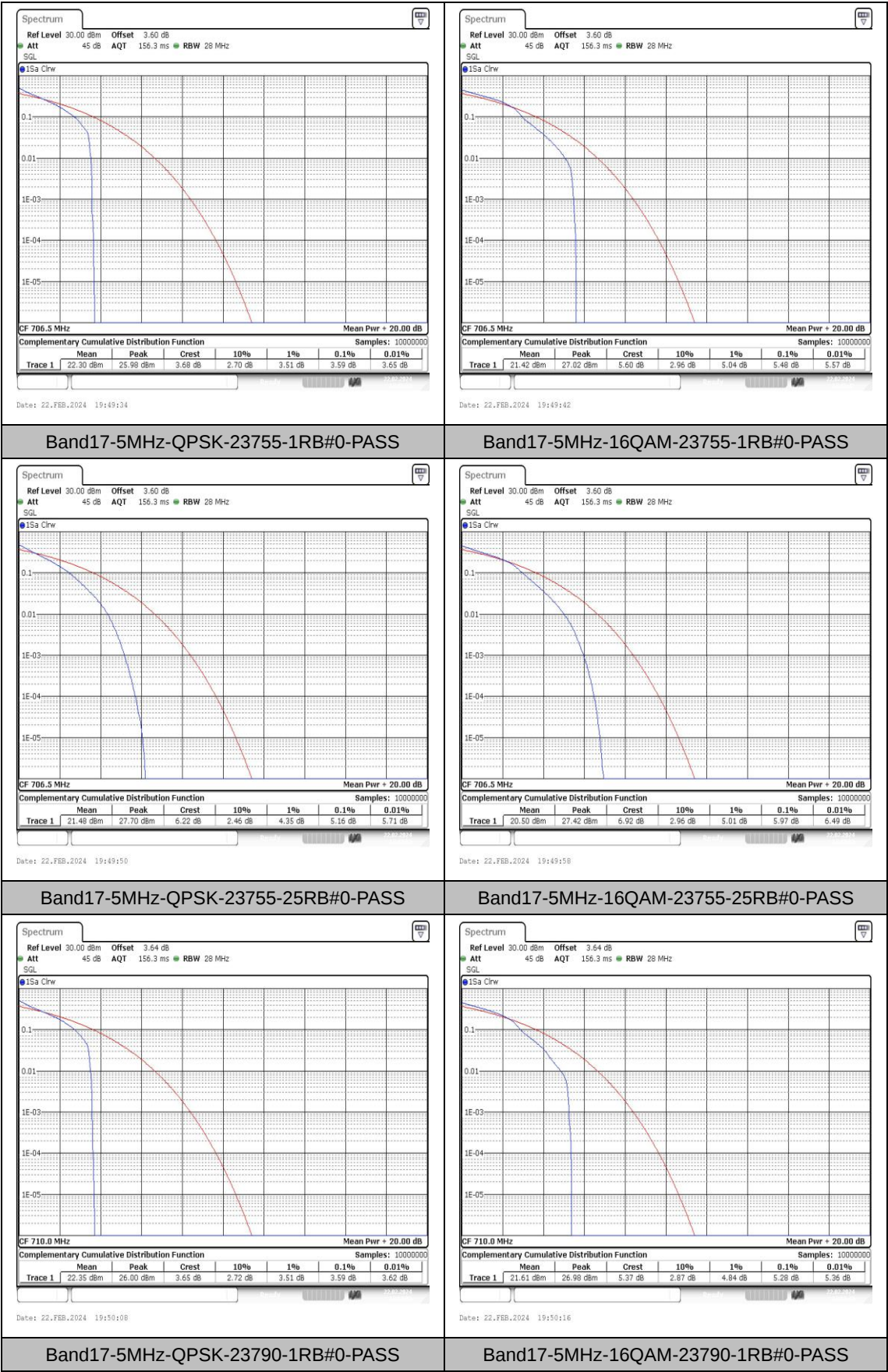
Band17	10MHz	16QAM	23800	25RB#0	21.61	PASS
Band17	10MHz	QPSK	23800	25RB#12	22.63	PASS
Band17	10MHz	16QAM	23800	25RB#12	21.62	PASS
Band17	10MHz	QPSK	23800	25RB#25	22.54	PASS
Band17	10MHz	16QAM	23800	25RB#25	21.67	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.57	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.60	PASS

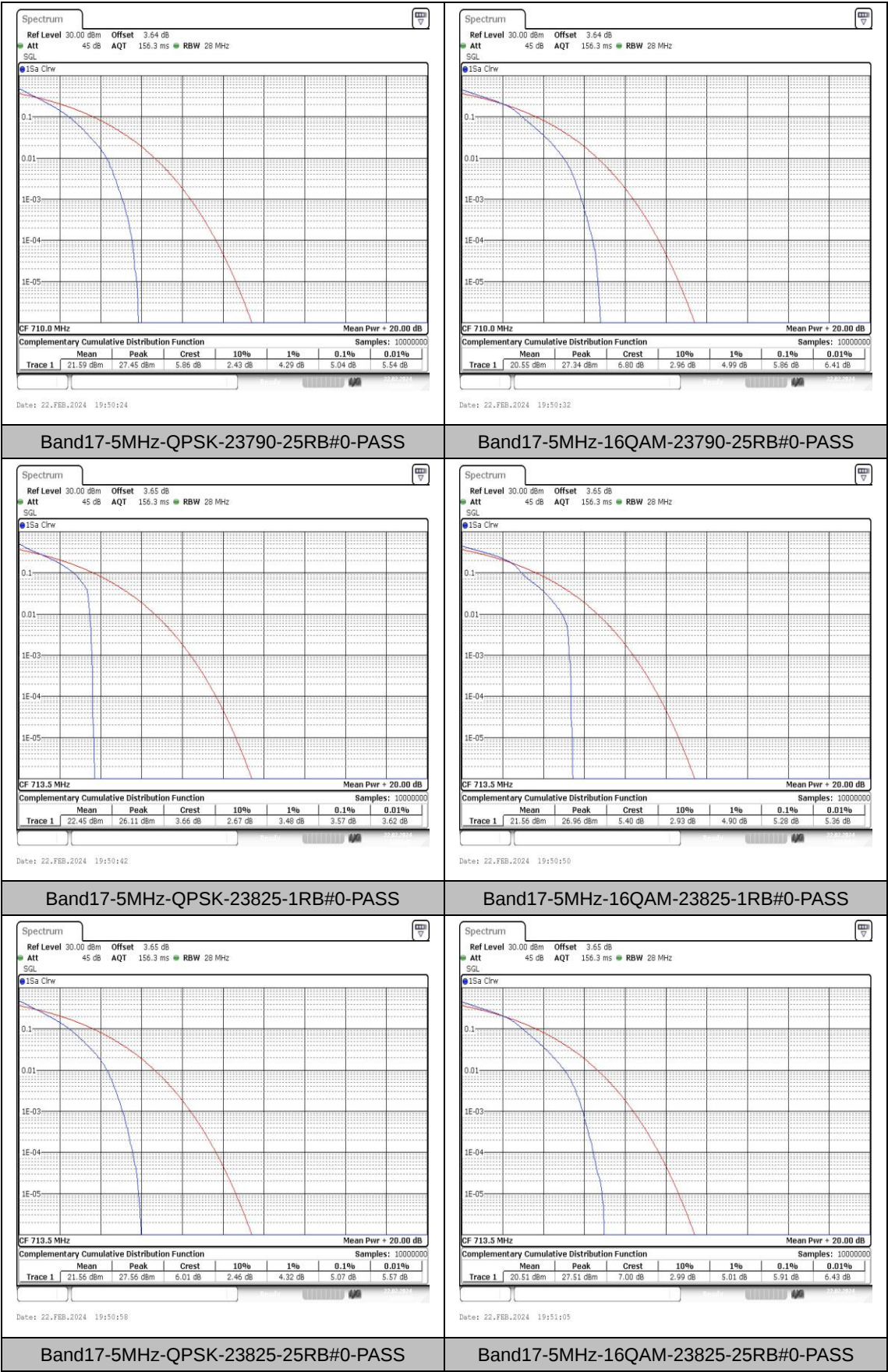
Appendix B: Peak-to-Average Ratio(CCDF)

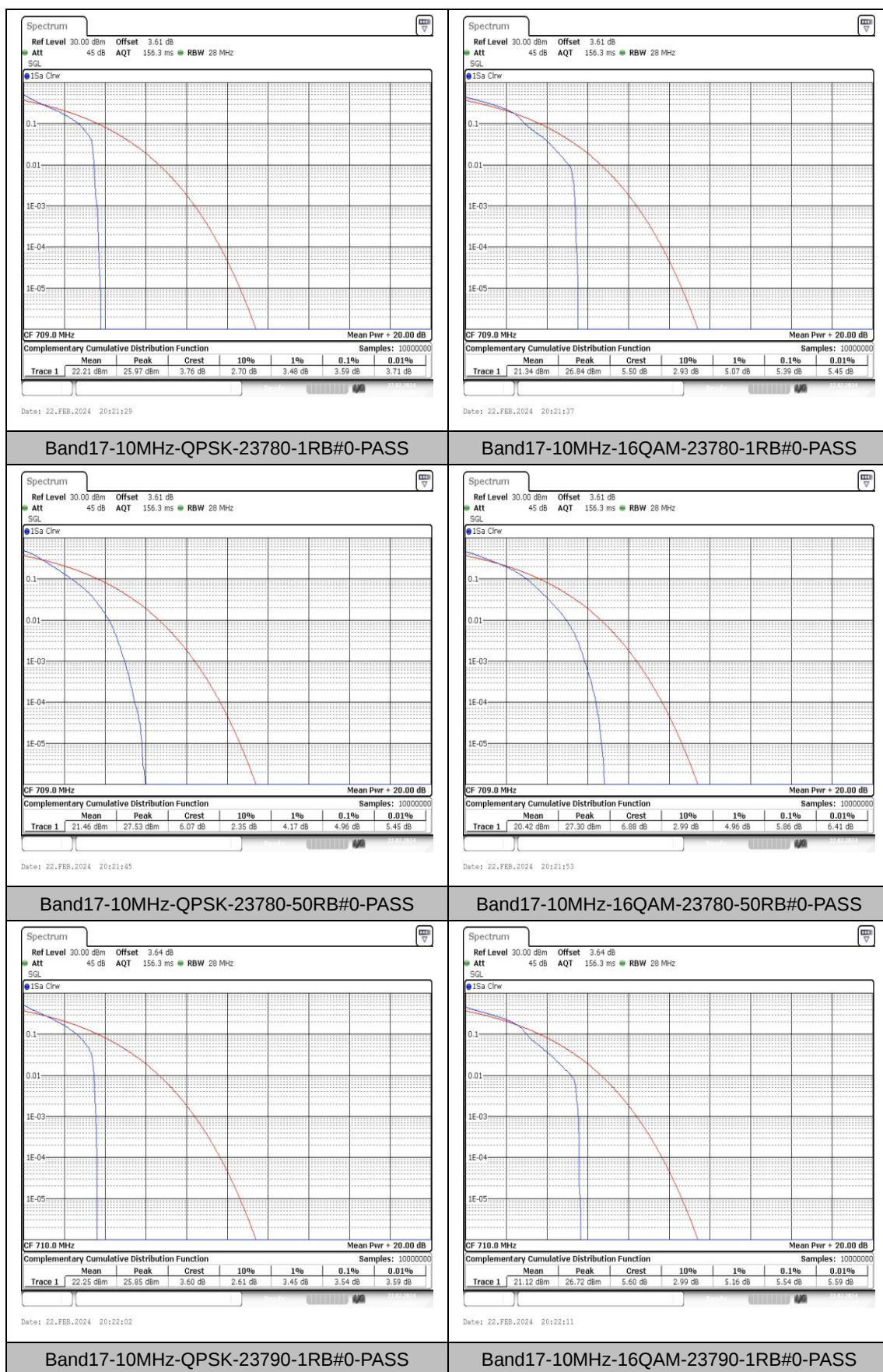
Test Result

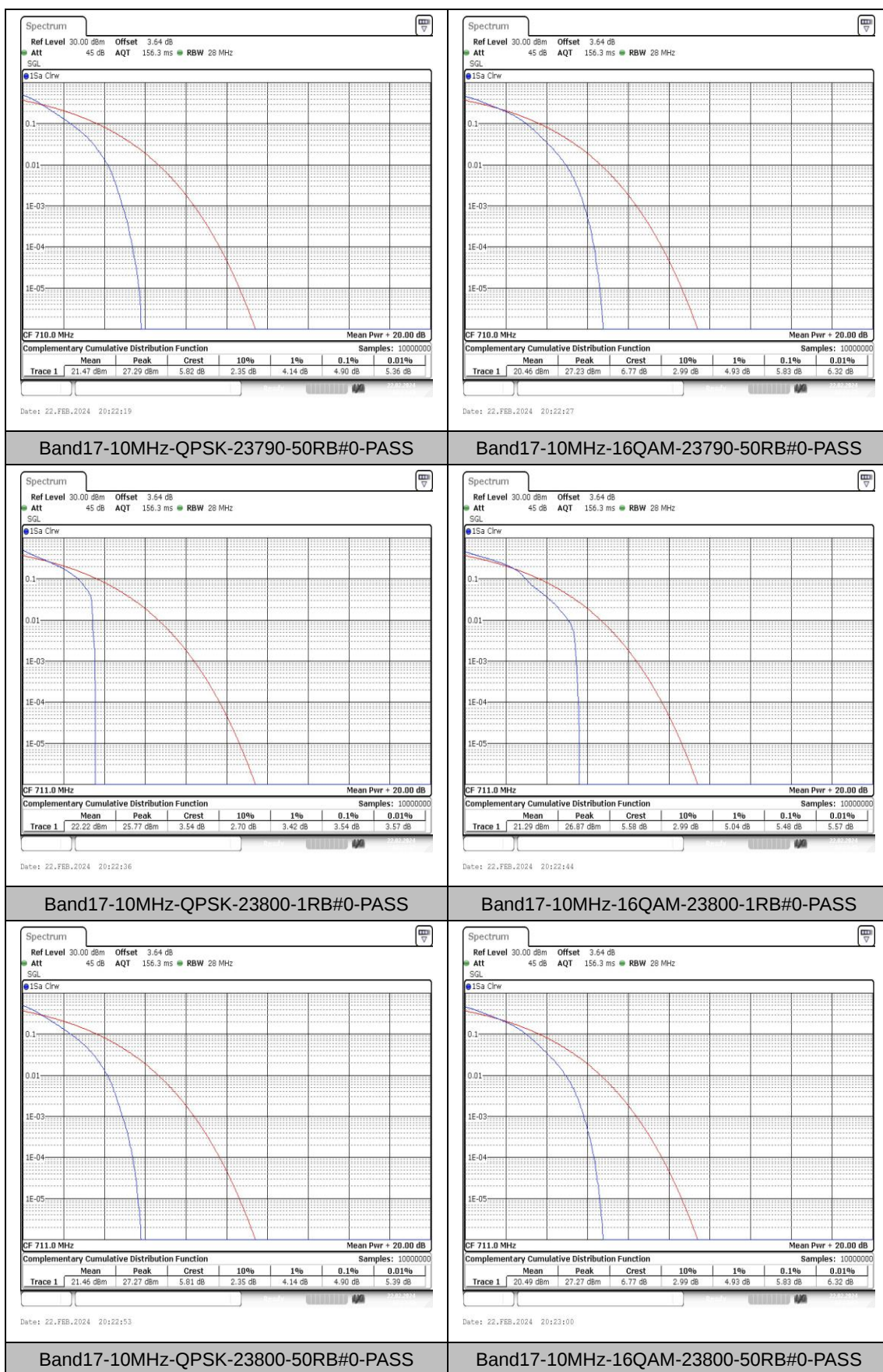
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	3.59	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	5.48	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	5.16	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	5.97	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	3.59	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	5.28	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	5.04	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	5.86	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	3.57	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	5.28	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.07	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	5.91	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	3.59	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	5.39	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	4.96	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	5.86	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	3.54	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	5.54	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	4.90	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	5.83	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	3.54	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	5.48	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	4.90	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	5.83	13	PASS

Test Graphs







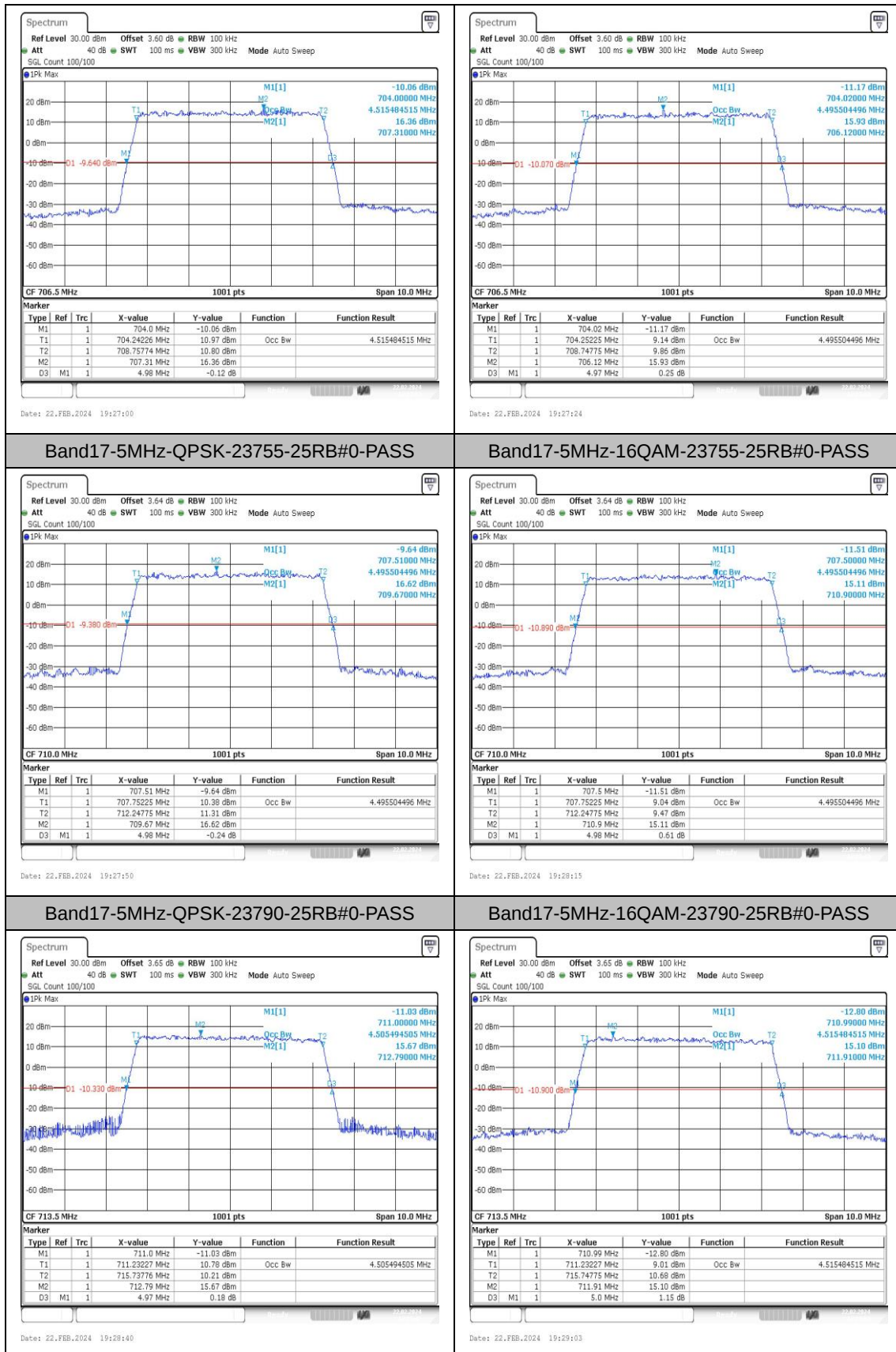


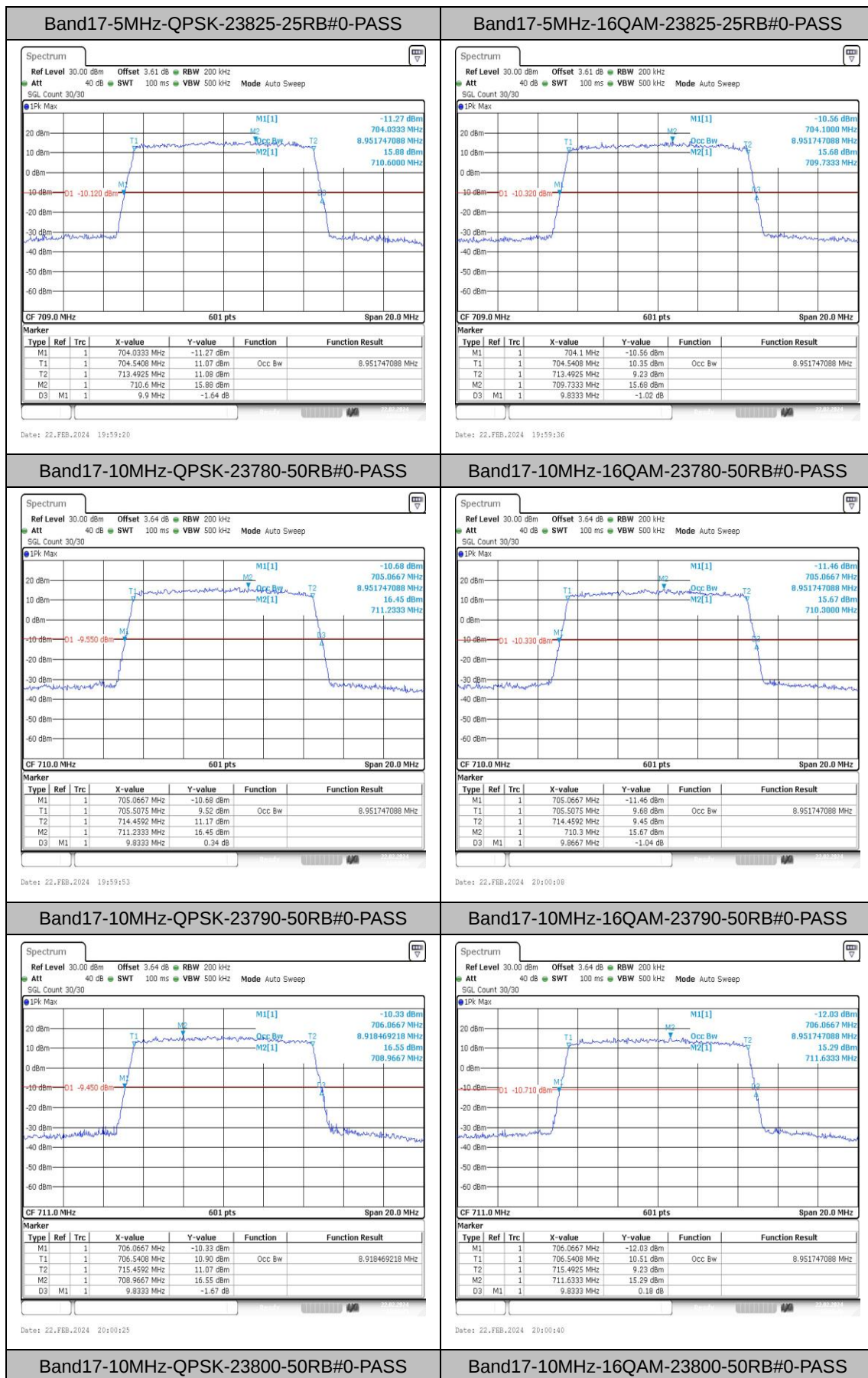
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.515	4.98	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.496	4.97	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.496	4.98	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.496	4.98	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.505	4.97	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.515	5.00	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.952	9.90	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.952	9.83	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.952	9.83	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.952	9.87	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.918	9.83	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.952	9.83	PASS

Test Graphs



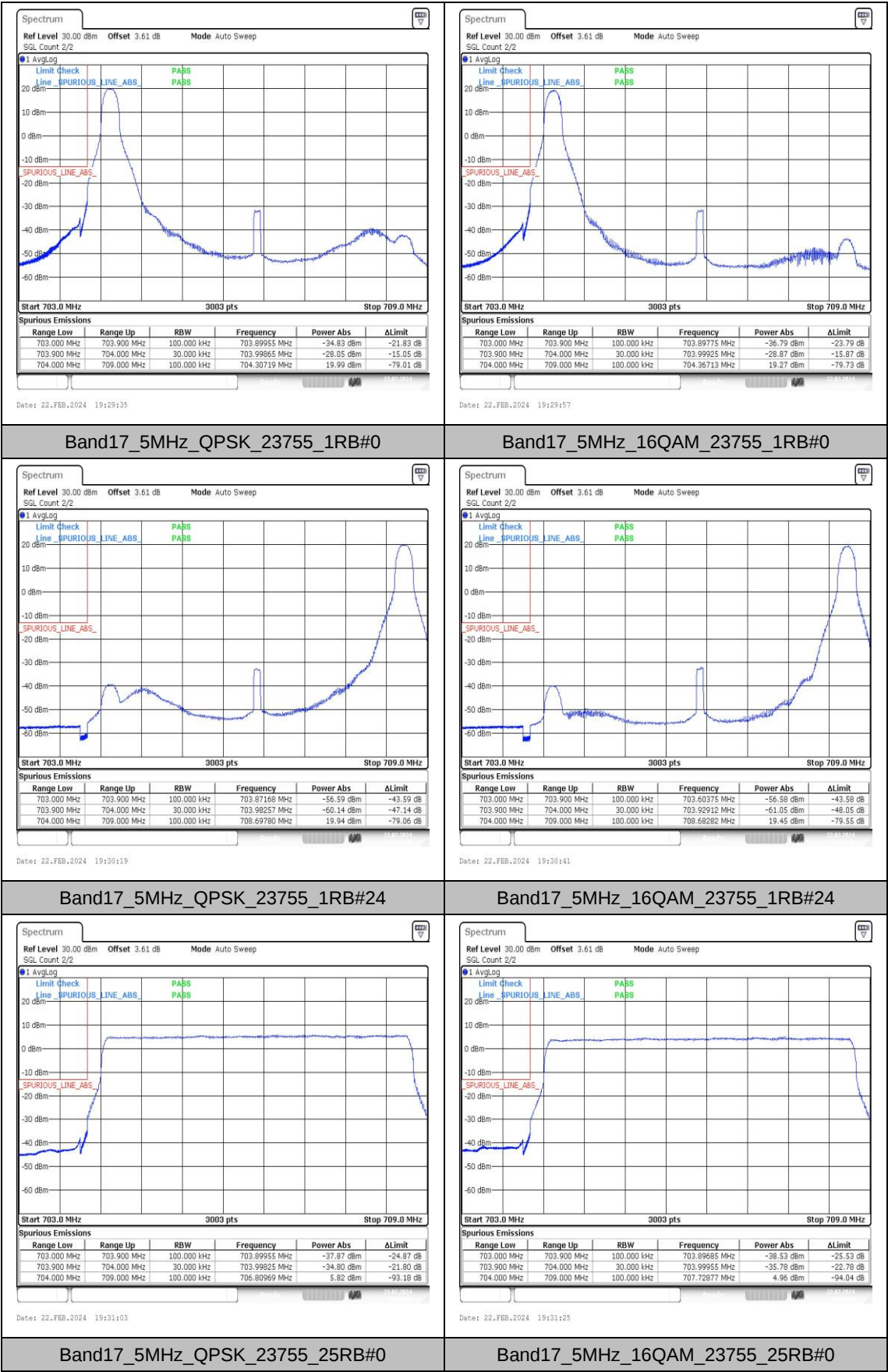


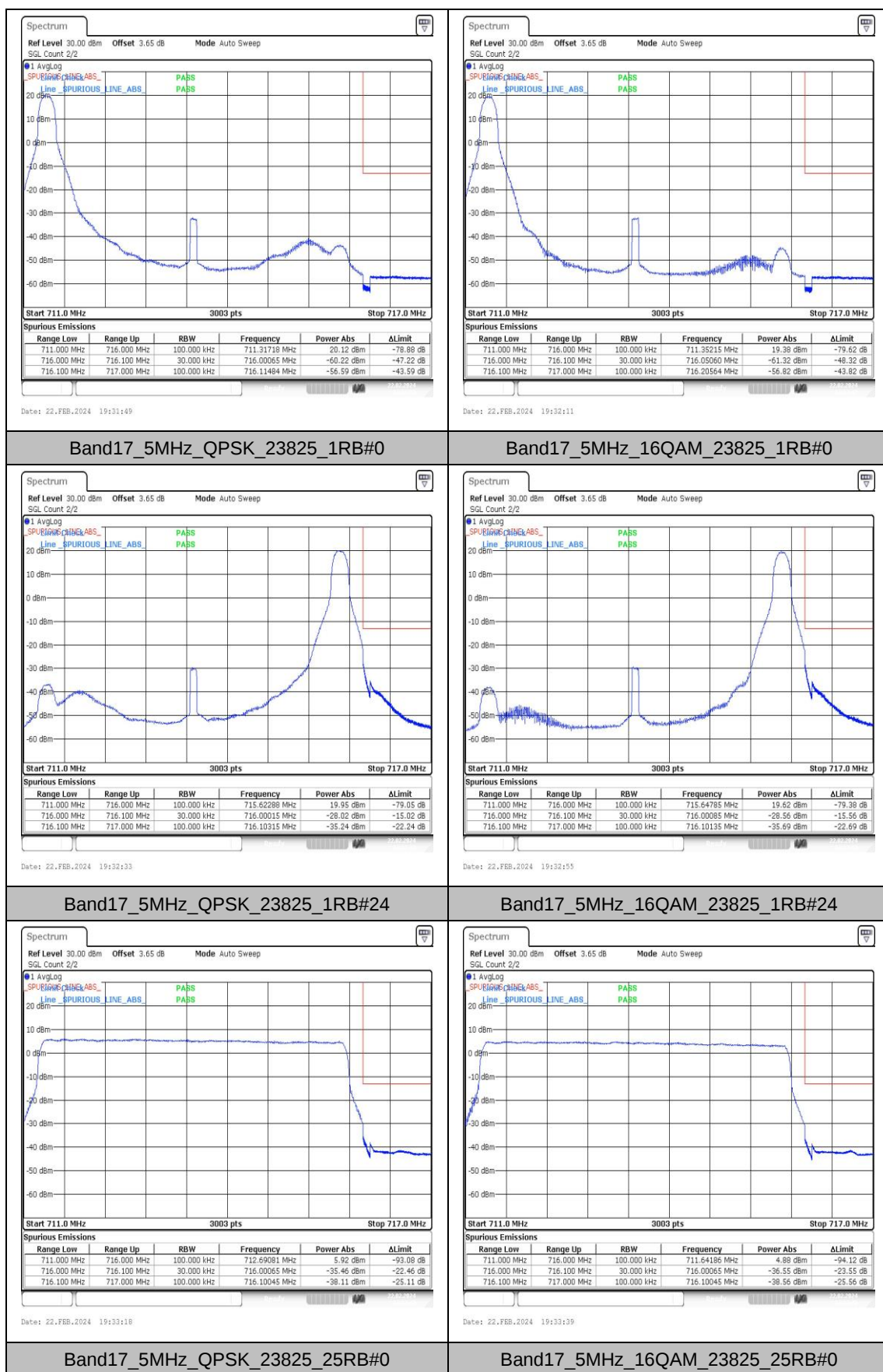
Appendix D: Band Edge

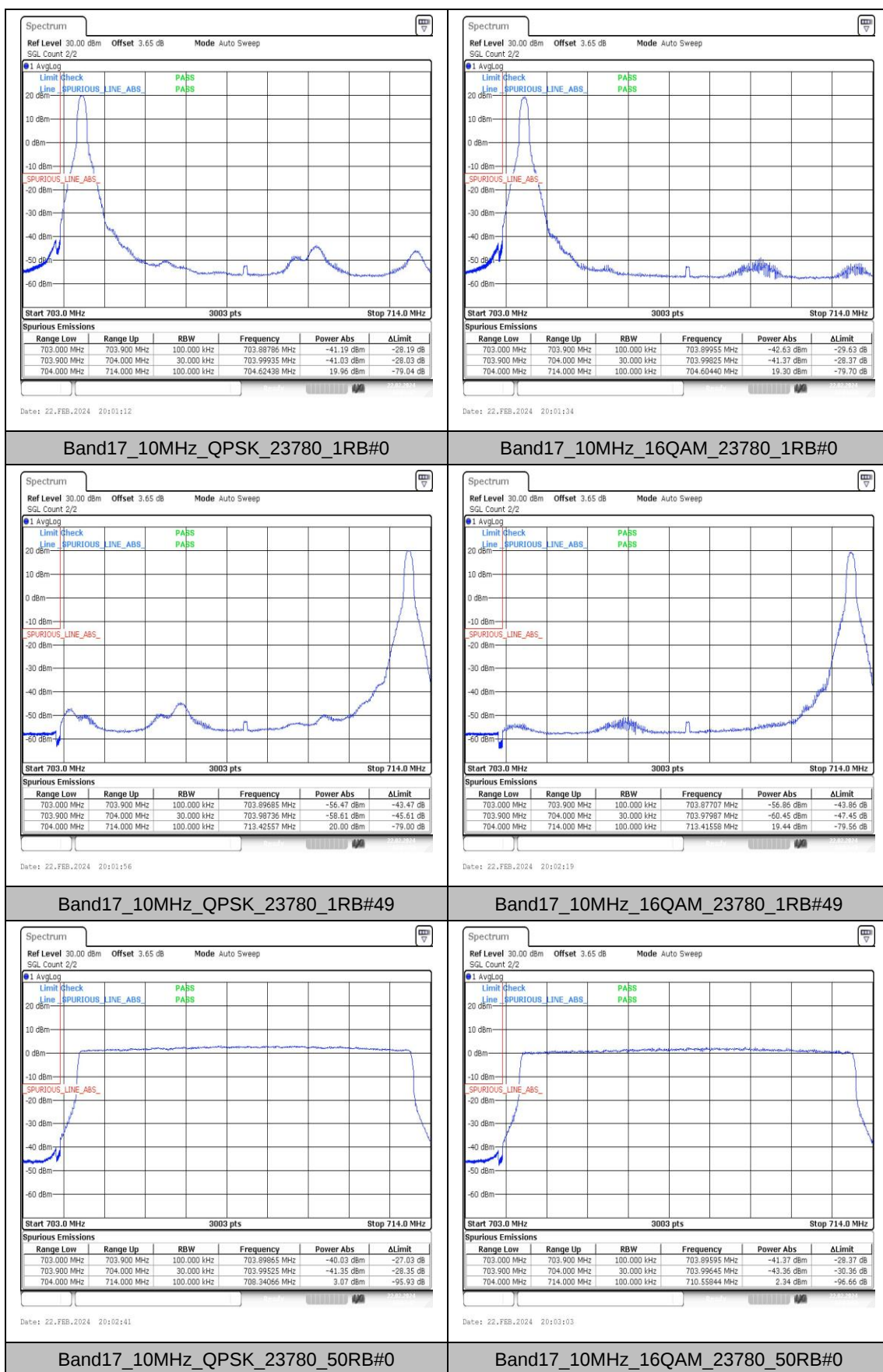
Test Result

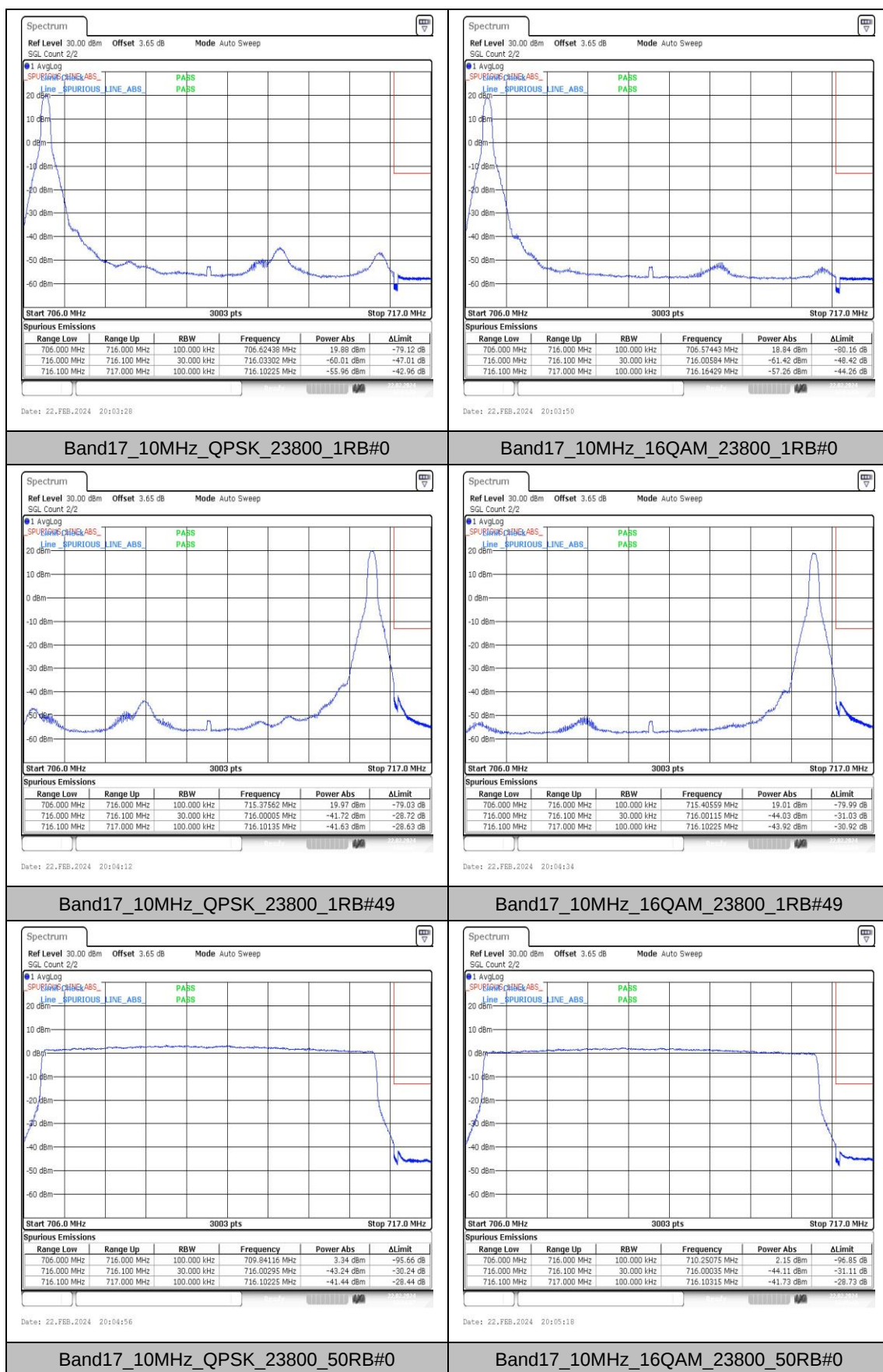
Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band17	5MHz	QPSK	23755	1RB#0	PASS
Band17	5MHz	16QAM	23755	1RB#0	PASS
Band17	5MHz	QPSK	23755	1RB#24	PASS
Band17	5MHz	16QAM	23755	1RB#24	PASS
Band17	5MHz	QPSK	23755	25RB#0	PASS
Band17	5MHz	16QAM	23755	25RB#0	PASS
Band17	5MHz	QPSK	23825	1RB#0	PASS
Band17	5MHz	16QAM	23825	1RB#0	PASS
Band17	5MHz	QPSK	23825	1RB#24	PASS
Band17	5MHz	16QAM	23825	1RB#24	PASS
Band17	5MHz	QPSK	23825	25RB#0	PASS
Band17	5MHz	16QAM	23825	25RB#0	PASS
Band17	10MHz	QPSK	23780	1RB#0	PASS
Band17	10MHz	16QAM	23780	1RB#0	PASS
Band17	10MHz	QPSK	23780	1RB#49	PASS
Band17	10MHz	16QAM	23780	1RB#49	PASS
Band17	10MHz	QPSK	23780	50RB#0	PASS
Band17	10MHz	16QAM	23780	50RB#0	PASS
Band17	10MHz	QPSK	23800	1RB#0	PASS
Band17	10MHz	16QAM	23800	1RB#0	PASS
Band17	10MHz	QPSK	23800	1RB#49	PASS
Band17	10MHz	16QAM	23800	1RB#49	PASS
Band17	10MHz	QPSK	23800	50RB#0	PASS
Band17	10MHz	16QAM	23800	50RB#0	PASS

Test Graphs









Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Verdict
Band17	5MHz	QPSK	23755	1RB#0	0.009~0.15	PASS
Band17	5MHz	QPSK	23755	1RB#0	0.15~30	PASS
Band17	5MHz	QPSK	23755	1RB#0	30~1000	PASS
Band17	5MHz	QPSK	23755	1RB#0	1000~3000	PASS
Band17	5MHz	QPSK	23755	1RB#0	3000~10000	PASS
Band17	5MHz	16QAM	23755	1RB#0	0.009~0.15	PASS
Band17	5MHz	16QAM	23755	1RB#0	0.15~30	PASS
Band17	5MHz	16QAM	23755	1RB#0	30~1000	PASS
Band17	5MHz	16QAM	23755	1RB#0	1000~3000	PASS
Band17	5MHz	16QAM	23755	1RB#0	3000~10000	PASS
Band17	5MHz	QPSK	23790	1RB#0	0.009~0.15	PASS
Band17	5MHz	QPSK	23790	1RB#0	0.15~30	PASS
Band17	5MHz	QPSK	23790	1RB#0	30~1000	PASS
Band17	5MHz	QPSK	23790	1RB#0	1000~3000	PASS
Band17	5MHz	QPSK	23790	1RB#0	3000~10000	PASS
Band17	5MHz	16QAM	23790	1RB#0	0.009~0.15	PASS
Band17	5MHz	16QAM	23790	1RB#0	0.15~30	PASS
Band17	5MHz	16QAM	23790	1RB#0	30~1000	PASS
Band17	5MHz	16QAM	23790	1RB#0	1000~3000	PASS
Band17	5MHz	16QAM	23790	1RB#0	3000~10000	PASS
Band17	5MHz	QPSK	23825	1RB#0	0.009~0.15	PASS
Band17	5MHz	QPSK	23825	1RB#0	0.15~30	PASS
Band17	5MHz	QPSK	23825	1RB#0	30~1000	PASS
Band17	5MHz	QPSK	23825	1RB#0	1000~3000	PASS
Band17	5MHz	QPSK	23825	1RB#0	3000~10000	PASS
Band17	5MHz	16QAM	23825	1RB#0	0.009~0.15	PASS
Band17	5MHz	16QAM	23825	1RB#0	0.15~30	PASS
Band17	5MHz	16QAM	23825	1RB#0	30~1000	PASS
Band17	5MHz	16QAM	23825	1RB#0	1000~3000	PASS
Band17	5MHz	16QAM	23825	1RB#0	3000~10000	PASS
Band17	10MHz	QPSK	23780	1RB#0	0.009~0.15	PASS
Band17	10MHz	QPSK	23780	1RB#0	0.15~30	PASS
Band17	10MHz	QPSK	23780	1RB#0	30~1000	PASS
Band17	10MHz	QPSK	23780	1RB#0	1000~3000	PASS
Band17	10MHz	QPSK	23780	1RB#0	3000~10000	PASS

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Band17	10MHz	16QAM	23780	1RB#0	0.009~0.15	PASS
Band17	10MHz	16QAM	23780	1RB#0	0.15~30	PASS
Band17	10MHz	16QAM	23780	1RB#0	30~1000	PASS
Band17	10MHz	16QAM	23780	1RB#0	1000~3000	PASS
Band17	10MHz	16QAM	23780	1RB#0	3000~10000	PASS
Band17	10MHz	QPSK	23790	1RB#0	0.009~0.15	PASS
Band17	10MHz	QPSK	23790	1RB#0	0.15~30	PASS
Band17	10MHz	QPSK	23790	1RB#0	30~1000	PASS
Band17	10MHz	QPSK	23790	1RB#0	1000~3000	PASS
Band17	10MHz	QPSK	23790	1RB#0	3000~10000	PASS
Band17	10MHz	16QAM	23790	1RB#0	0.009~0.15	PASS
Band17	10MHz	16QAM	23790	1RB#0	0.15~30	PASS
Band17	10MHz	16QAM	23790	1RB#0	30~1000	PASS
Band17	10MHz	16QAM	23790	1RB#0	1000~3000	PASS
Band17	10MHz	16QAM	23790	1RB#0	3000~10000	PASS
Band17	10MHz	QPSK	23800	1RB#0	0.009~0.15	PASS
Band17	10MHz	QPSK	23800	1RB#0	0.15~30	PASS
Band17	10MHz	QPSK	23800	1RB#0	30~1000	PASS
Band17	10MHz	QPSK	23800	1RB#0	1000~3000	PASS
Band17	10MHz	QPSK	23800	1RB#0	3000~10000	PASS
Band17	10MHz	16QAM	23800	1RB#0	0.009~0.15	PASS
Band17	10MHz	16QAM	23800	1RB#0	0.15~30	PASS
Band17	10MHz	16QAM	23800	1RB#0	30~1000	PASS
Band17	10MHz	16QAM	23800	1RB#0	1000~3000	PASS
Band17	10MHz	16QAM	23800	1RB#0	3000~10000	PASS

Test Graphs

