

FCC LTE Band Test Data

FCC ID : 2BL85-LEM

Company: : SHENZHEN WAYFOR WARD ELECTRONIC CO.,LTD

EUT : smart watch

Model Number : LEM10

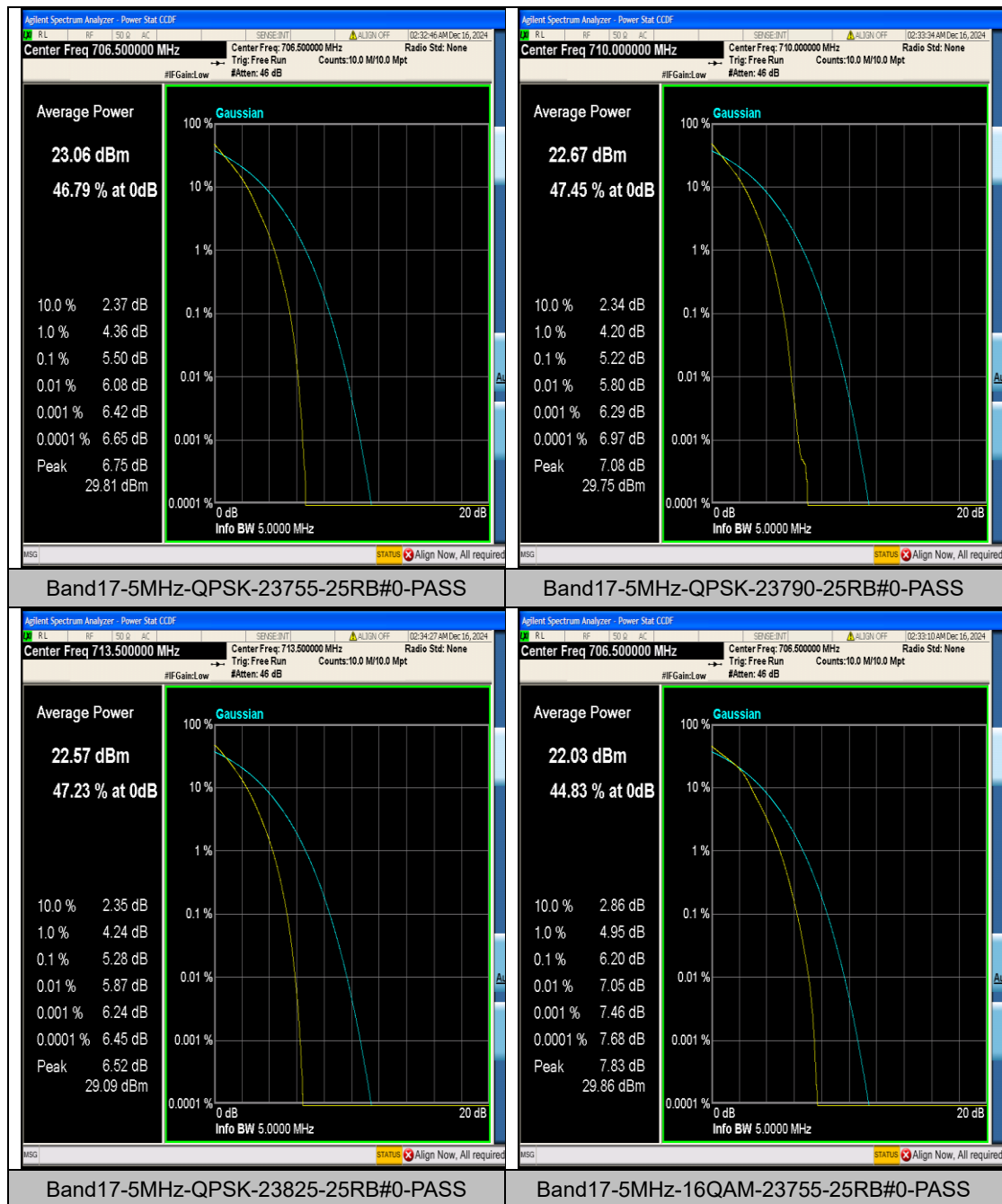
Reviewed By : Eric Wang

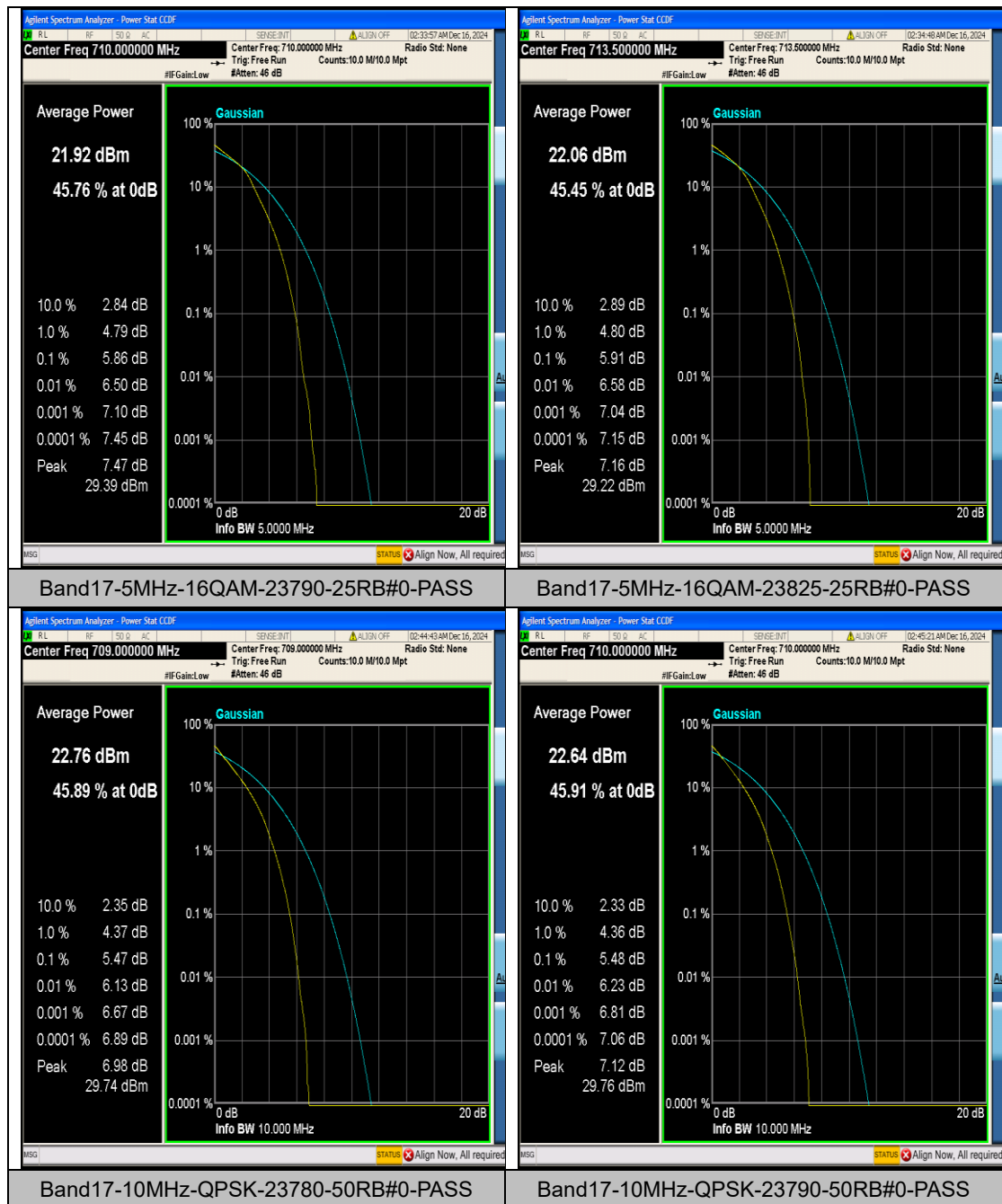
Appendix B: Peak-to-Average Ratio(CCDF)

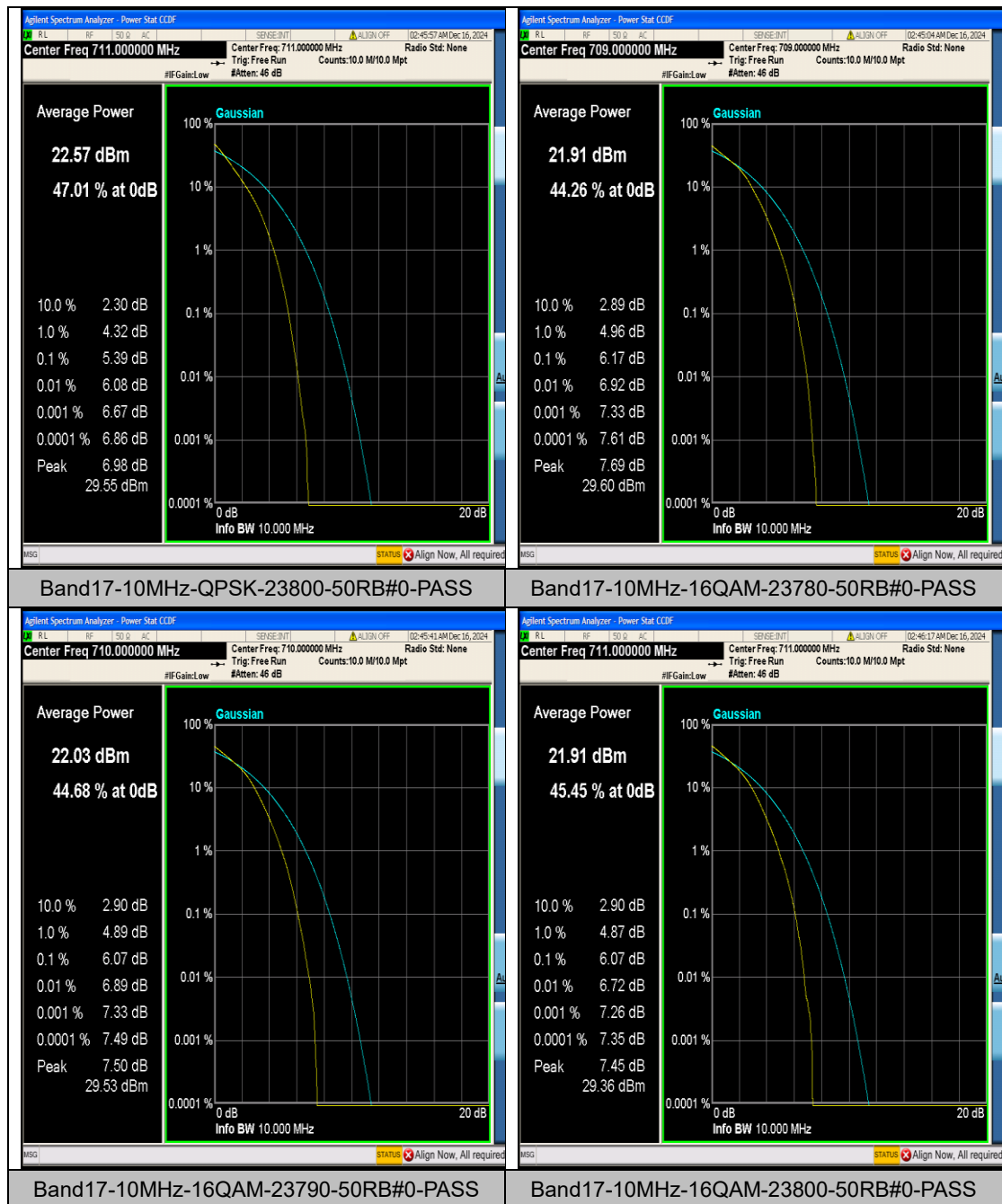
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	5.50	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	5.22	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.28	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	6.20	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	5.86	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	5.91	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.47	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.48	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.39	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.17	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.07	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.07	13	PASS

Test Graphs





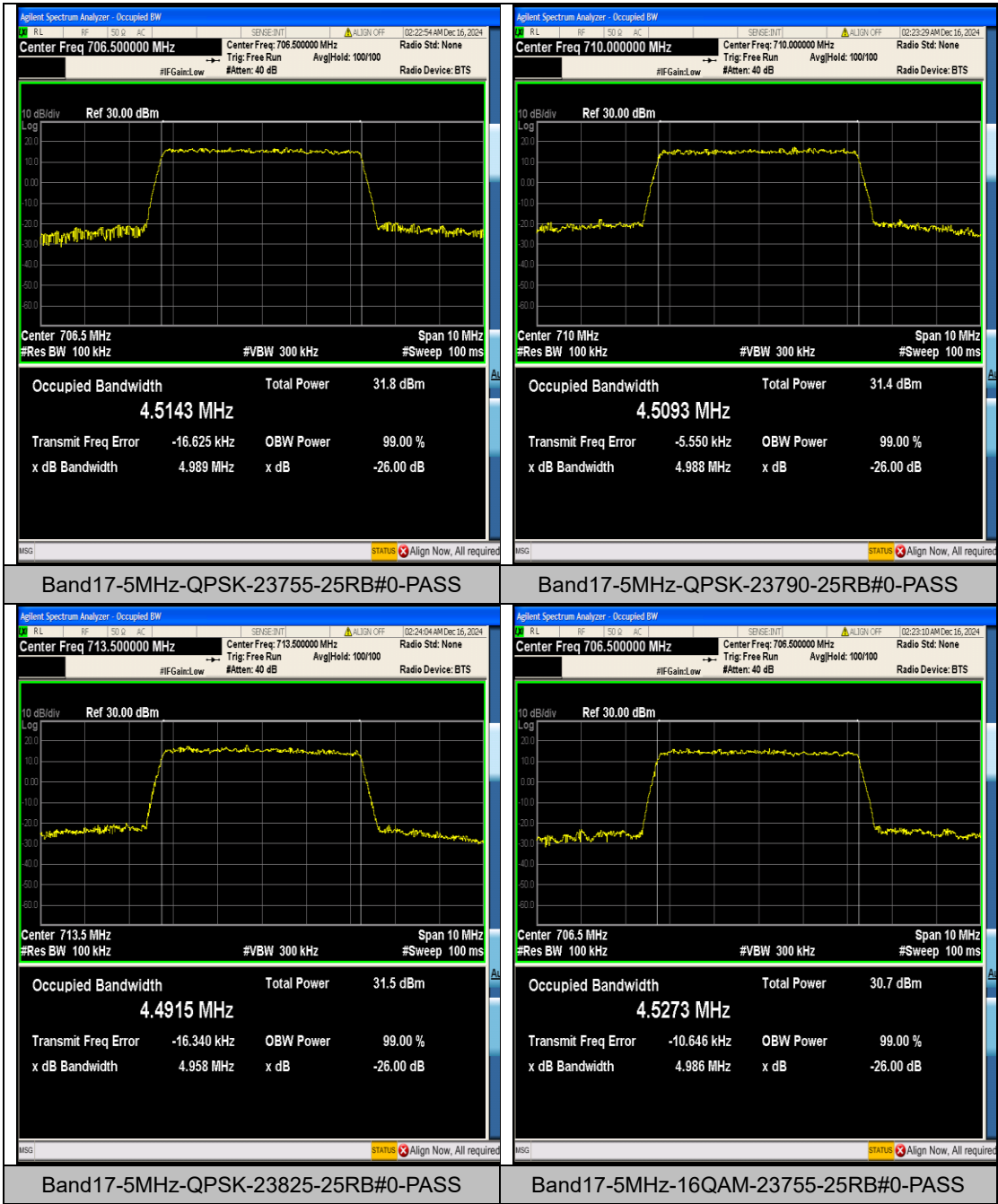


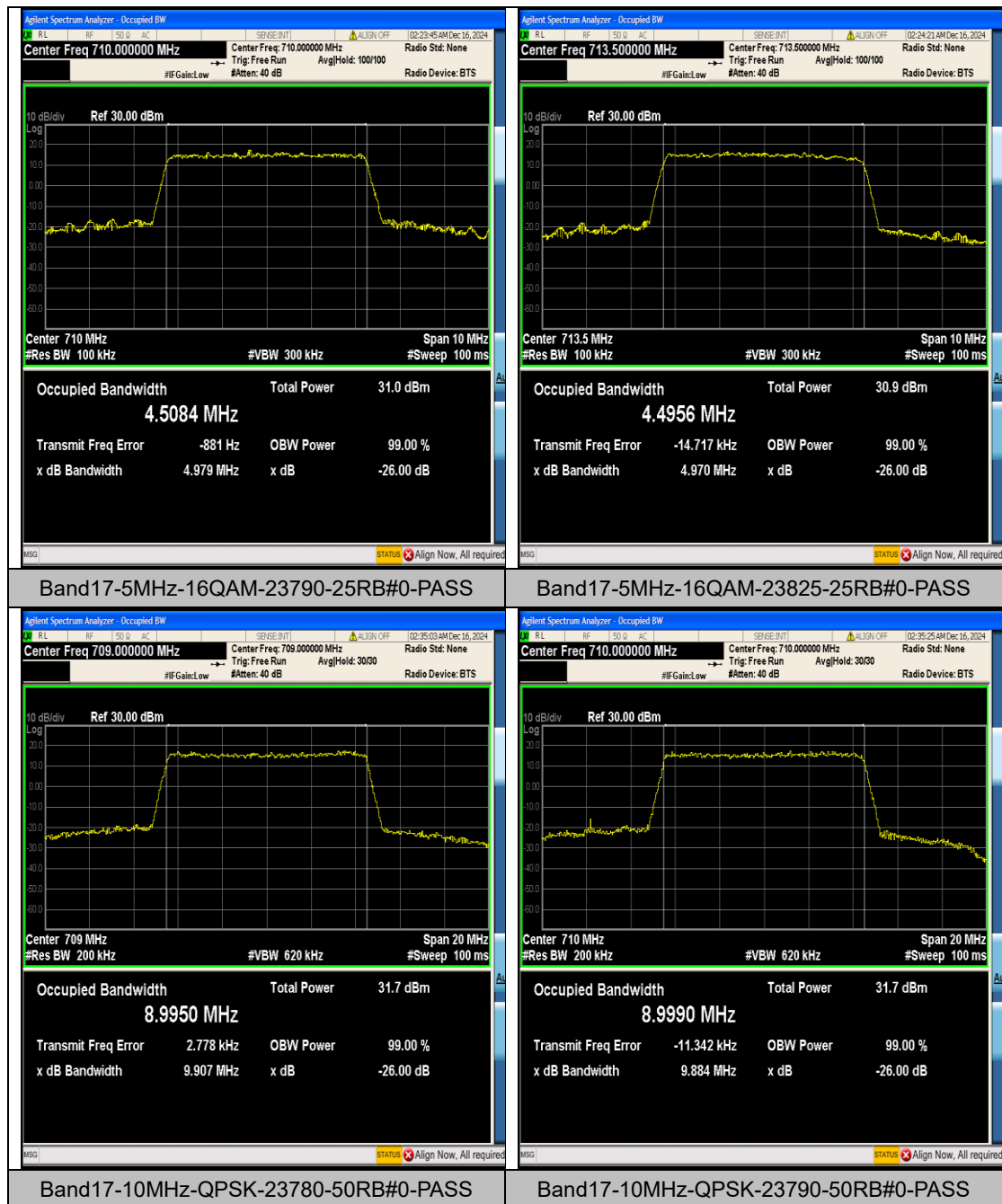
Appendix C: 26dB Bandwidth and Occupied Bandwidth

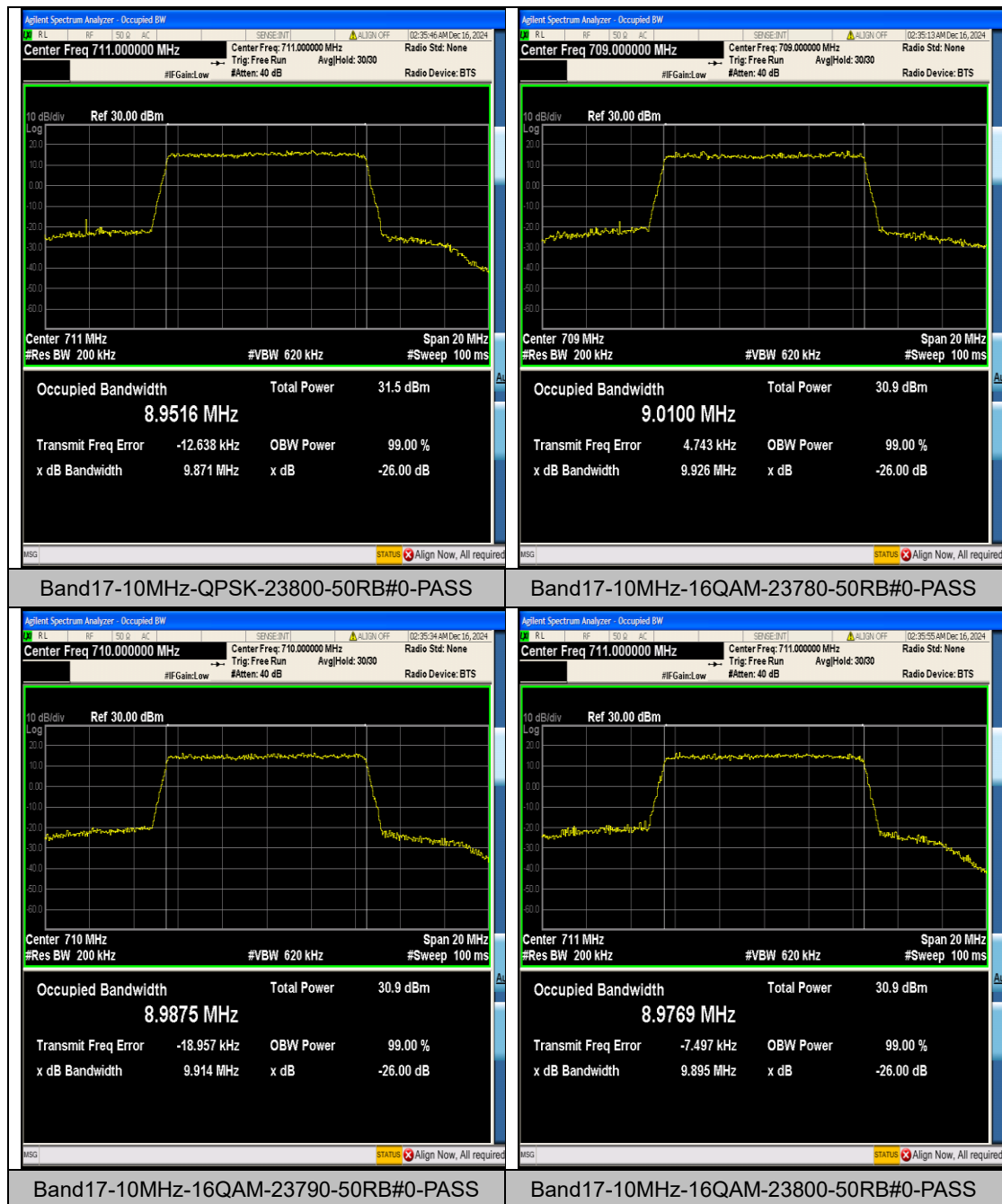
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.5143	4.989	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5093	4.988	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.4915	4.958	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5273	4.986	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5084	4.979	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.4956	4.970	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9950	9.907	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9990	9.884	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9516	9.871	PASS
Band17	10MHz	16QAM	23780	50RB#0	9.0100	9.926	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9875	9.914	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9769	9.895	PASS

Test Graphs





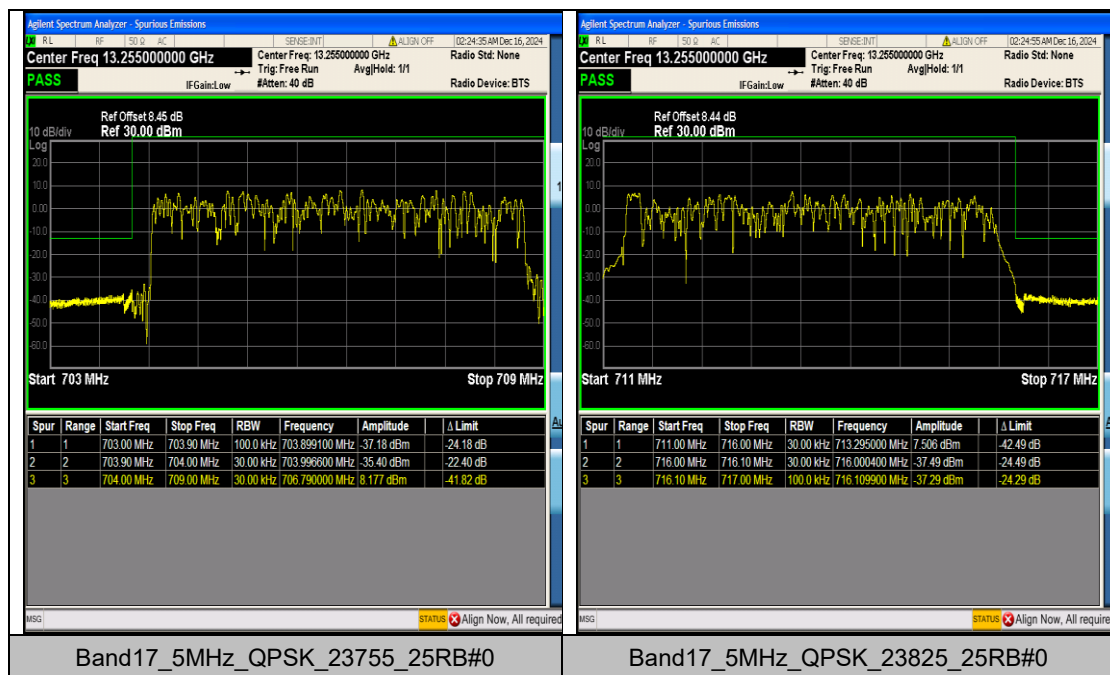


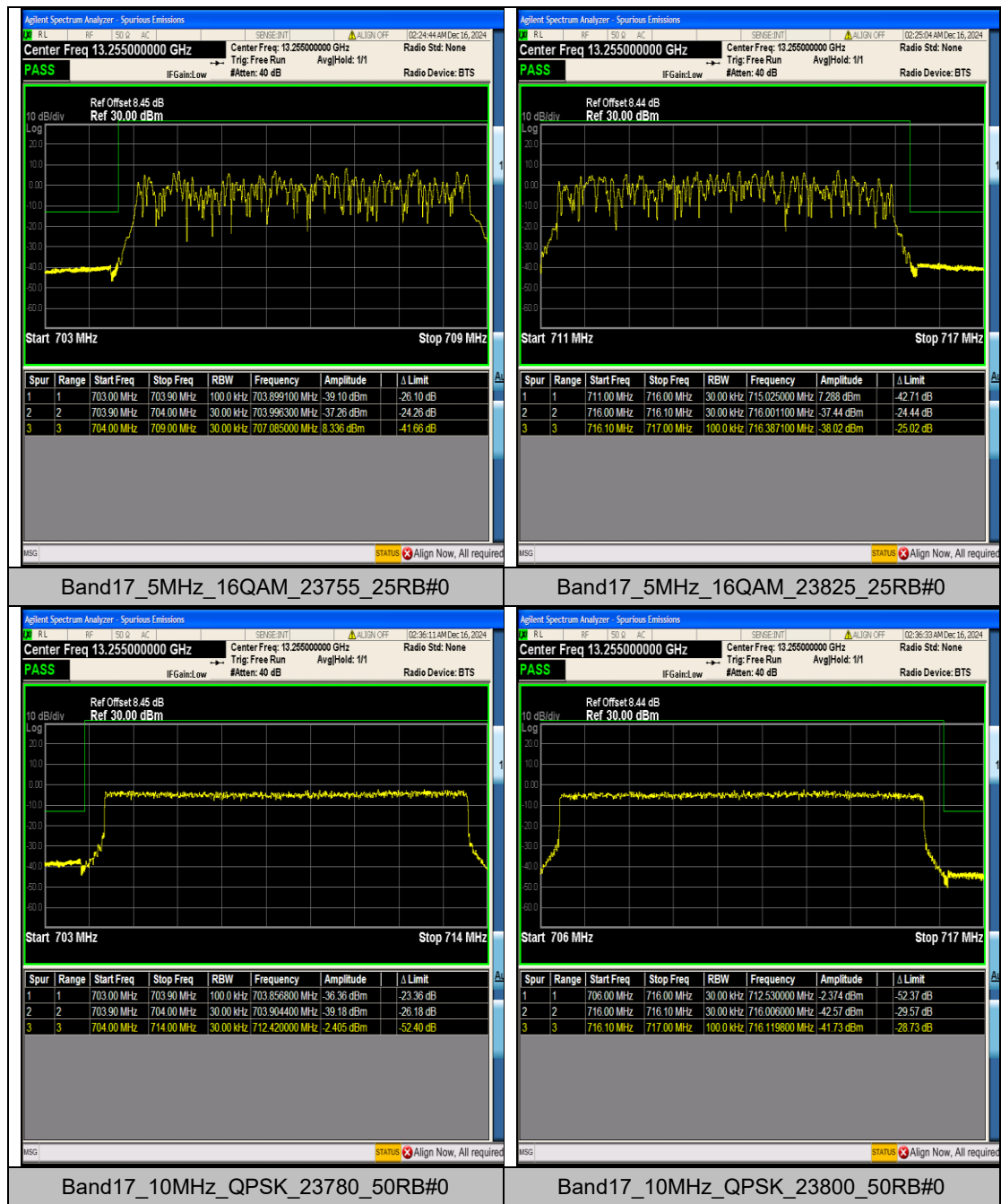
Appendix D: Band Edge

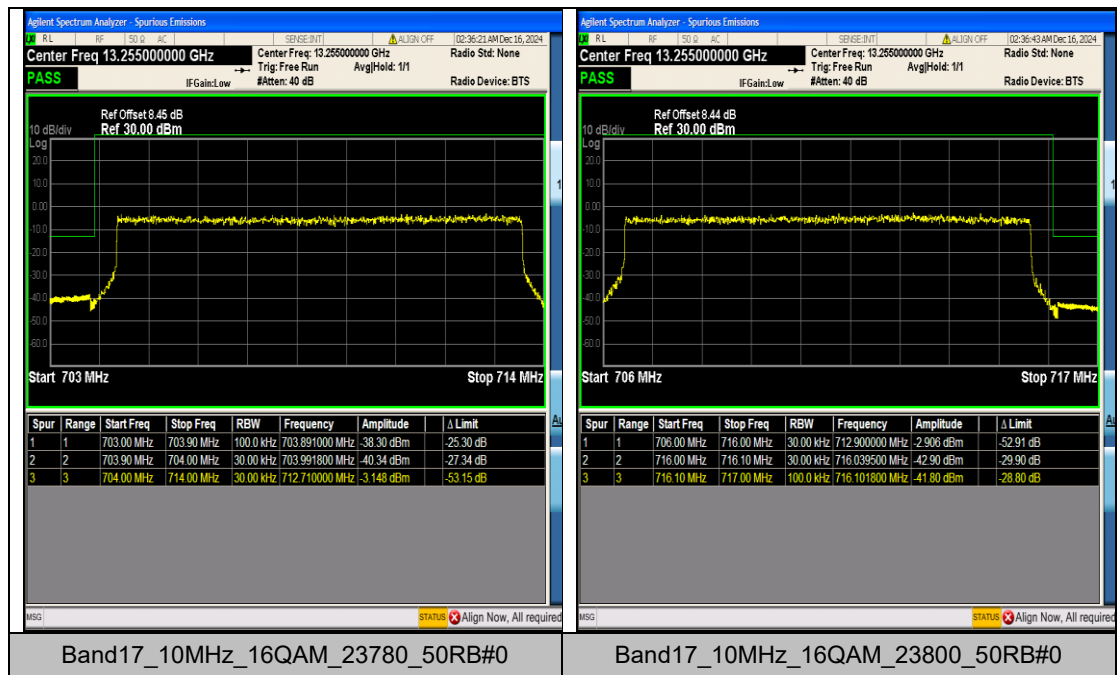
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	-35.40	PASS
Band17	5MHz	QPSK	23825	25RB#0	-37.29	PASS
Band17	5MHz	16QAM	23755	25RB#0	-37.26	PASS
Band17	5MHz	16QAM	23825	25RB#0	-37.44	PASS
Band17	10MHz	QPSK	23780	50RB#0	-36.36	PASS
Band17	10MHz	QPSK	23800	50RB#0	-41.73	PASS
Band17	10MHz	16QAM	23780	50RB#0	-38.30	PASS
Band17	10MHz	16QAM	23800	50RB#0	-41.80	PASS

Test Graphs







Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	0.009~0.15	-44.75	PASS
Band17	5MHz	QPSK	23755	25RB#0	0.15~30	-55.11	PASS
Band17	5MHz	QPSK	23755	25RB#0	30~1000	-55.52	PASS
Band17	5MHz	QPSK	23755	25RB#0	1000~3000	-46.85	PASS
Band17	5MHz	QPSK	23755	25RB#0	3000~10000	-43.59	PASS
Band17	5MHz	QPSK	23790	25RB#0	0.009~0.15	-42.80	PASS
Band17	5MHz	QPSK	23790	25RB#0	0.15~30	-55.18	PASS
Band17	5MHz	QPSK	23790	25RB#0	30~1000	-54.16	PASS
Band17	5MHz	QPSK	23790	25RB#0	1000~3000	-46.88	PASS
Band17	5MHz	QPSK	23790	25RB#0	3000~10000	-43.39	PASS
Band17	5MHz	QPSK	23825	25RB#0	0.009~0.15	-41.48	PASS
Band17	5MHz	QPSK	23825	25RB#0	0.15~30	-52.92	PASS
Band17	5MHz	QPSK	23825	25RB#0	30~1000	-52.69	PASS
Band17	5MHz	QPSK	23825	25RB#0	1000~3000	-46.96	PASS
Band17	5MHz	QPSK	23825	25RB#0	3000~10000	-43.50	PASS
Band17	5MHz	16QAM	23755	25RB#0	0.009~0.15	-39.18	PASS
Band17	5MHz	16QAM	23755	25RB#0	0.15~30	-53.79	PASS
Band17	5MHz	16QAM	23755	25RB#0	30~1000	-57.50	PASS
Band17	5MHz	16QAM	23755	25RB#0	1000~3000	-46.96	PASS
Band17	5MHz	16QAM	23755	25RB#0	3000~10000	-43.36	PASS
Band17	5MHz	16QAM	23790	25RB#0	0.009~0.15	-42.42	PASS
Band17	5MHz	16QAM	23790	25RB#0	0.15~30	-53.99	PASS
Band17	5MHz	16QAM	23790	25RB#0	30~1000	-54.42	PASS
Band17	5MHz	16QAM	23790	25RB#0	1000~3000	-46.96	PASS
Band17	5MHz	16QAM	23790	25RB#0	3000~10000	-43.62	PASS
Band17	5MHz	16QAM	23825	25RB#0	0.009~0.15	-39.56	PASS
Band17	5MHz	16QAM	23825	25RB#0	0.15~30	-54.30	PASS
Band17	5MHz	16QAM	23825	25RB#0	30~1000	-54.29	PASS
Band17	5MHz	16QAM	23825	25RB#0	1000~3000	-46.63	PASS
Band17	5MHz	16QAM	23825	25RB#0	3000~10000	-43.79	PASS
Band17	10MHz	QPSK	23780	50RB#0	0.009~0.15	-42.44	PASS
Band17	10MHz	QPSK	23780	50RB#0	0.15~30	-54.82	PASS
Band17	10MHz	QPSK	23780	50RB#0	30~1000	-61.49	PASS
Band17	10MHz	QPSK	23780	50RB#0	1000~3000	-46.86	PASS
Band17	10MHz	QPSK	23780	50RB#0	3000~10000	-43.31	PASS
Band17	10MHz	QPSK	23790	50RB#0	0.009~0.15	-42.28	PASS

Band17	10MHz	QPSK	23790	50RB#0	0.15~30	-53.97	PASS
Band17	10MHz	QPSK	23790	50RB#0	30~1000	-61.89	PASS
Band17	10MHz	QPSK	23790	50RB#0	1000~3000	-47.03	PASS
Band17	10MHz	QPSK	23790	50RB#0	3000~10000	-43.39	PASS
Band17	10MHz	QPSK	23800	50RB#0	0.009~0.15	-42.17	PASS
Band17	10MHz	QPSK	23800	50RB#0	0.15~30	-54.99	PASS
Band17	10MHz	QPSK	23800	50RB#0	30~1000	-61.72	PASS
Band17	10MHz	QPSK	23800	50RB#0	1000~3000	-47.11	PASS
Band17	10MHz	QPSK	23800	50RB#0	3000~10000	-43.66	PASS
Band17	10MHz	16QAM	23780	50RB#0	0.009~0.15	-40.17	PASS
Band17	10MHz	16QAM	23780	50RB#0	0.15~30	-52.20	PASS
Band17	10MHz	16QAM	23780	50RB#0	30~1000	-61.57	PASS
Band17	10MHz	16QAM	23780	50RB#0	1000~3000	-47.28	PASS
Band17	10MHz	16QAM	23780	50RB#0	3000~10000	-43.57	PASS
Band17	10MHz	16QAM	23790	50RB#0	0.009~0.15	-41.69	PASS
Band17	10MHz	16QAM	23790	50RB#0	0.15~30	-56.74	PASS
Band17	10MHz	16QAM	23790	50RB#0	30~1000	-61.49	PASS
Band17	10MHz	16QAM	23790	50RB#0	1000~3000	-47.19	PASS
Band17	10MHz	16QAM	23790	50RB#0	3000~10000	-43.00	PASS
Band17	10MHz	16QAM	23800	50RB#0	0.009~0.15	-41.88	PASS
Band17	10MHz	16QAM	23800	50RB#0	0.15~30	-54.35	PASS
Band17	10MHz	16QAM	23800	50RB#0	30~1000	-61.84	PASS
Band17	10MHz	16QAM	23800	50RB#0	1000~3000	-47.21	PASS
Band17	10MHz	16QAM	23800	50RB#0	3000~10000	-43.46	PASS

Test Graphs

