

FCC Appendix RF Test Data for LTE Band 19

FCC ID : 2BT4L-M5-CX

Company : Infinity Mobile Limited

EUT : Portable WIFI

Model Number : M5-CX

Report No. : CTA25103000208

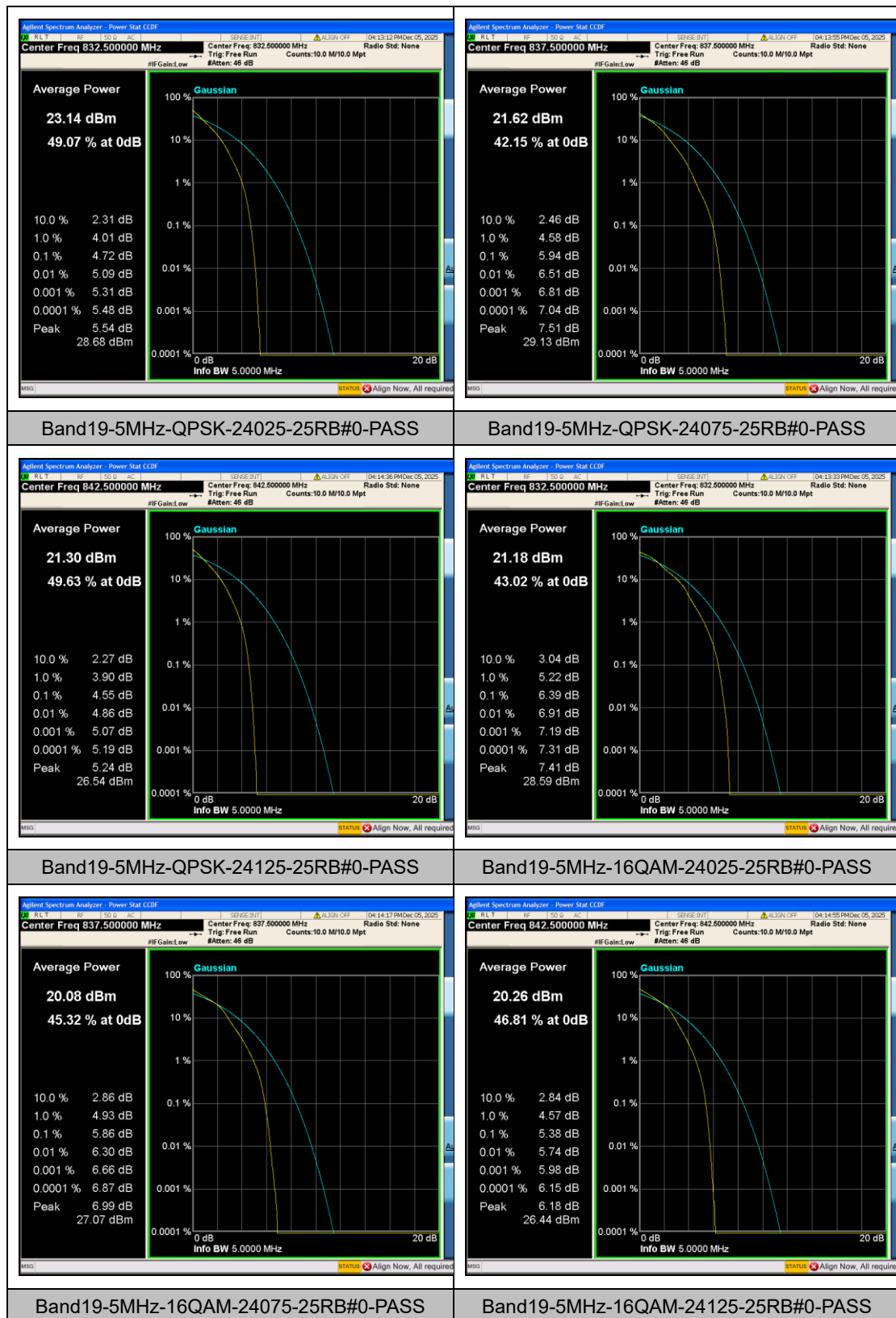
Reviewed By : Eric Wang

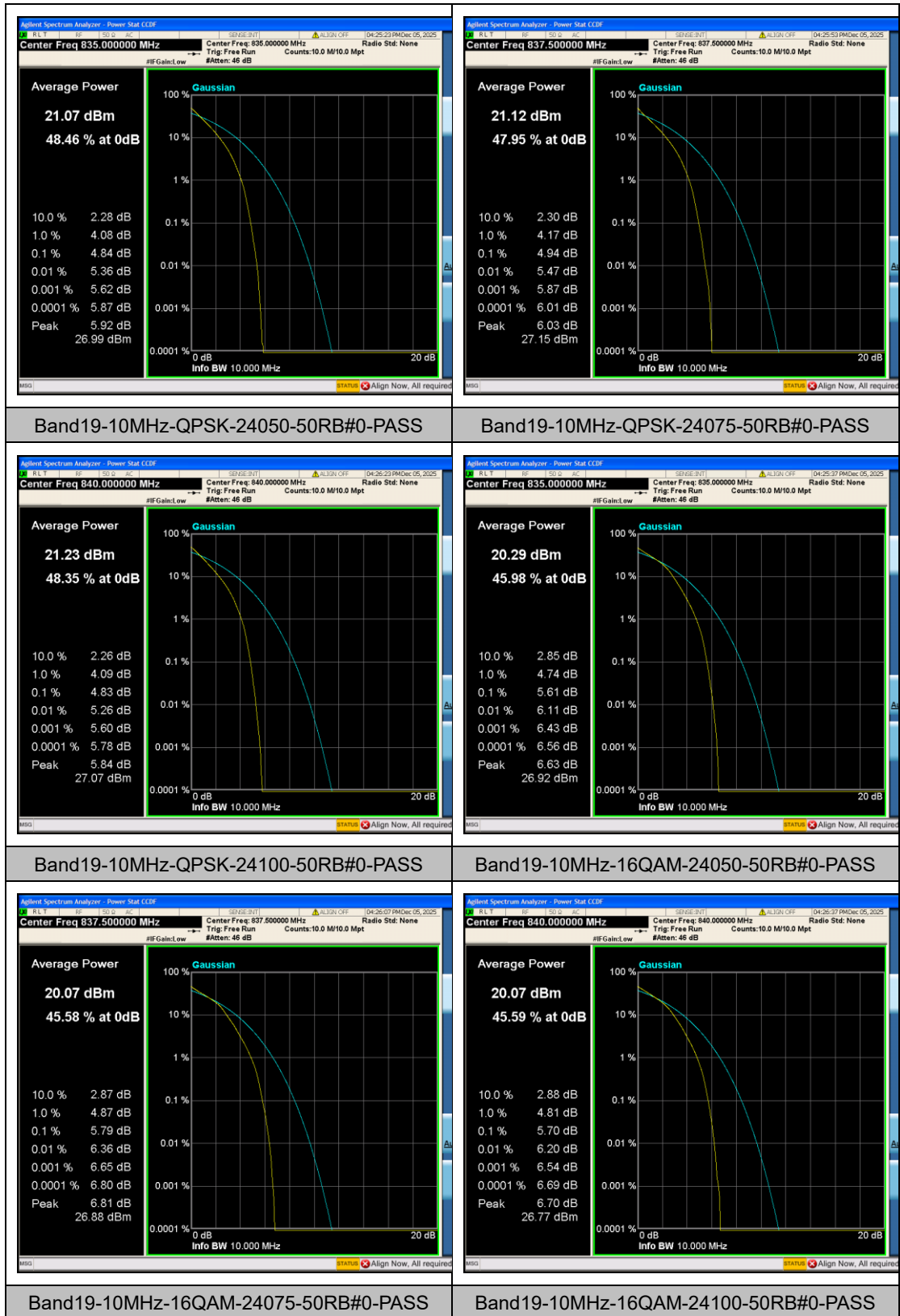
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band19	5MHz	QPSK	24025	25RB#0	4.72	13	PASS
Band19	5MHz	QPSK	24075	25RB#0	5.94	13	PASS
Band19	5MHz	QPSK	24125	25RB#0	4.55	13	PASS
Band19	5MHz	16QAM	24025	25RB#0	6.39	13	PASS
Band19	5MHz	16QAM	24075	25RB#0	5.86	13	PASS
Band19	5MHz	16QAM	24125	25RB#0	5.38	13	PASS
Band19	10MHz	QPSK	24050	50RB#0	4.84	13	PASS
Band19	10MHz	QPSK	24075	50RB#0	4.94	13	PASS
Band19	10MHz	QPSK	24100	50RB#0	4.83	13	PASS
Band19	10MHz	16QAM	24050	50RB#0	5.61	13	PASS
Band19	10MHz	16QAM	24075	50RB#0	5.79	13	PASS
Band19	10MHz	16QAM	24100	50RB#0	5.70	13	PASS
Band19	15MHz	QPSK	24075	75RB#0	4.90	13	PASS
Band19	15MHz	16QAM	24075	75RB#0	5.68	13	PASS

Test Graphs





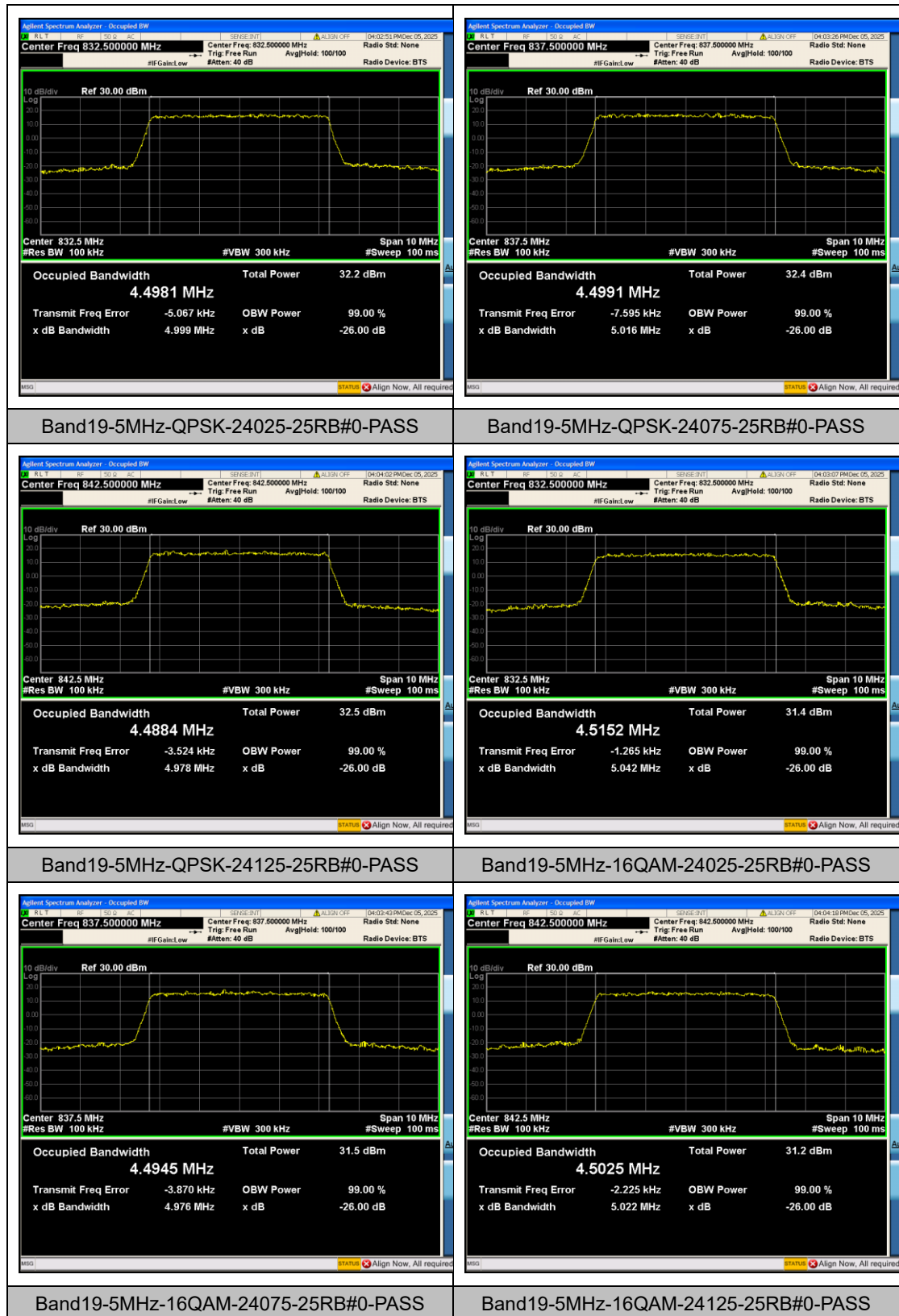


Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band19	5MHz	QPSK	24025	25RB#0	4.4981	4.999	PASS
Band19	5MHz	QPSK	24075	25RB#0	4.4991	5.016	PASS
Band19	5MHz	QPSK	24125	25RB#0	4.4884	4.978	PASS
Band19	5MHz	16QAM	24025	25RB#0	4.5152	5.042	PASS
Band19	5MHz	16QAM	24075	25RB#0	4.4945	4.976	PASS
Band19	5MHz	16QAM	24125	25RB#0	4.5025	5.022	PASS
Band19	10MHz	QPSK	24050	50RB#0	8.9829	9.934	PASS
Band19	10MHz	QPSK	24075	50RB#0	8.9958	9.946	PASS
Band19	10MHz	QPSK	24100	50RB#0	8.9565	9.951	PASS
Band19	10MHz	16QAM	24050	50RB#0	8.9659	9.850	PASS
Band19	10MHz	16QAM	24075	50RB#0	8.9817	9.925	PASS
Band19	10MHz	16QAM	24100	50RB#0	8.9823	9.824	PASS
Band19	15MHz	QPSK	24075	75RB#0	13.503	14.80	PASS
Band19	15MHz	16QAM	24075	75RB#0	13.468	14.64	PASS

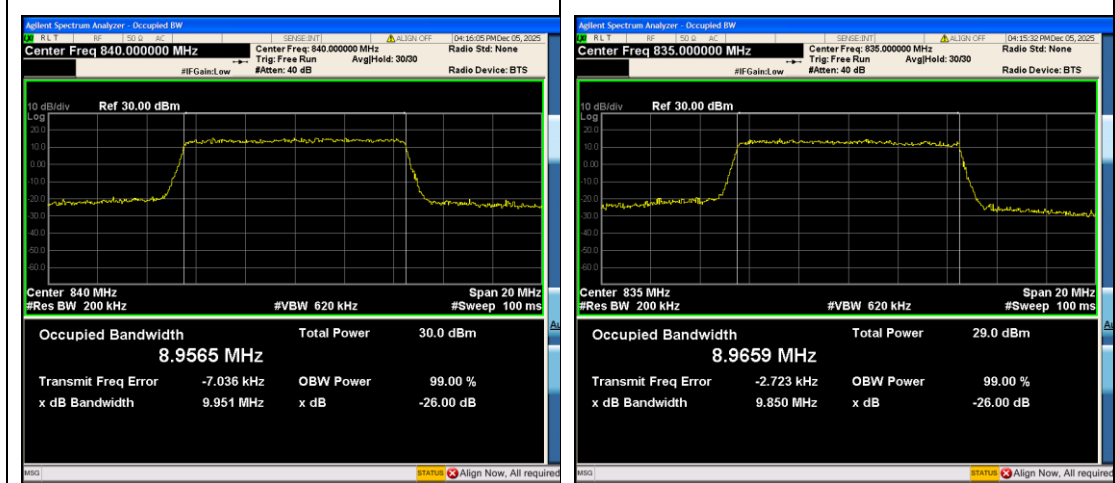
Test Graphs





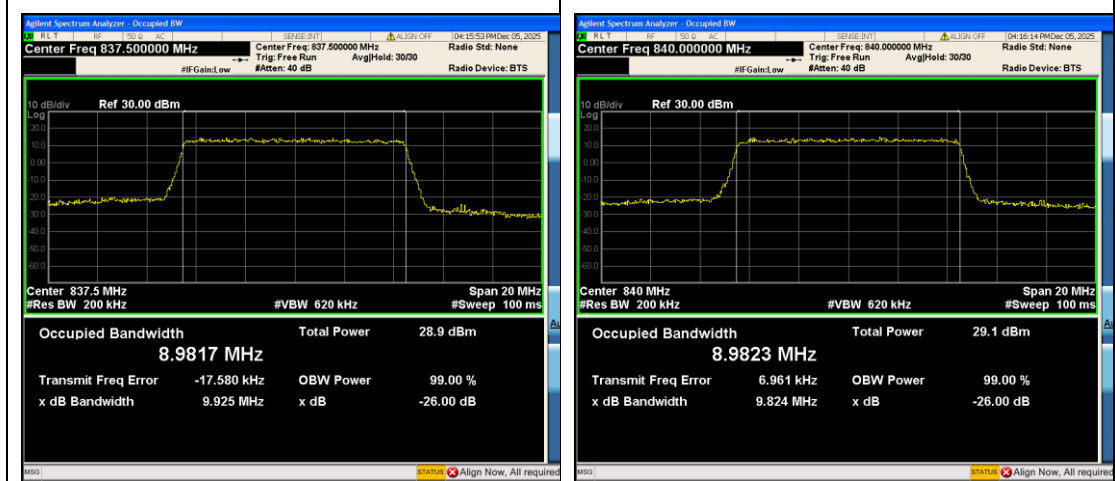
Band19-10MHz-QPSK-24050-50RB#0-PASS

Band19-10MHz-QPSK-24075-50RB#0-PASS



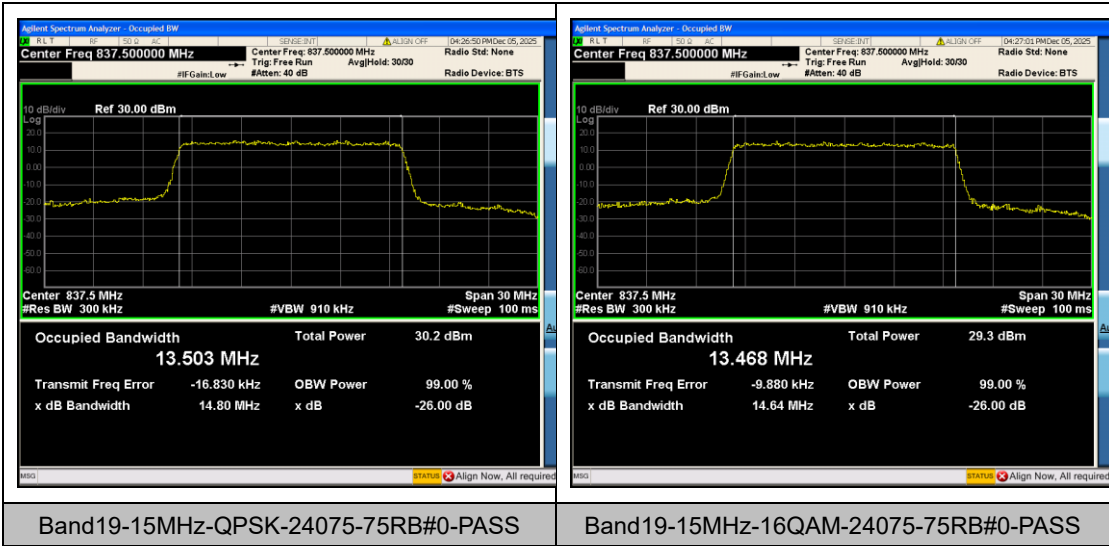
Band19-10MHz-QPSK-24100-50RB#0-PASS

Band19-10MHz-16QAM-24050-50RB#0-PASS



Band19-10MHz-16QAM-24075-50RB#0-PASS

Band19-10MHz-16QAM-24100-50RB#0-PASS

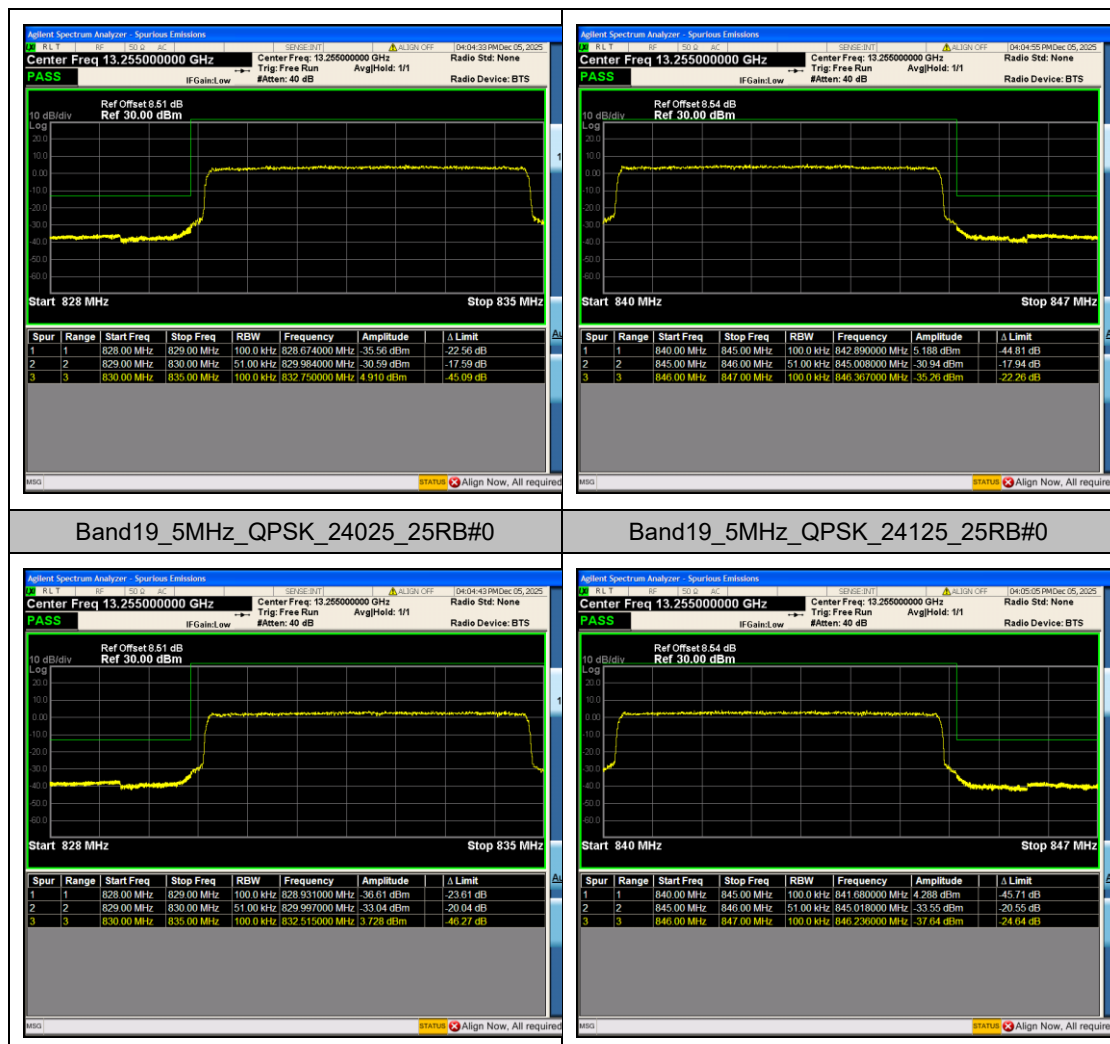


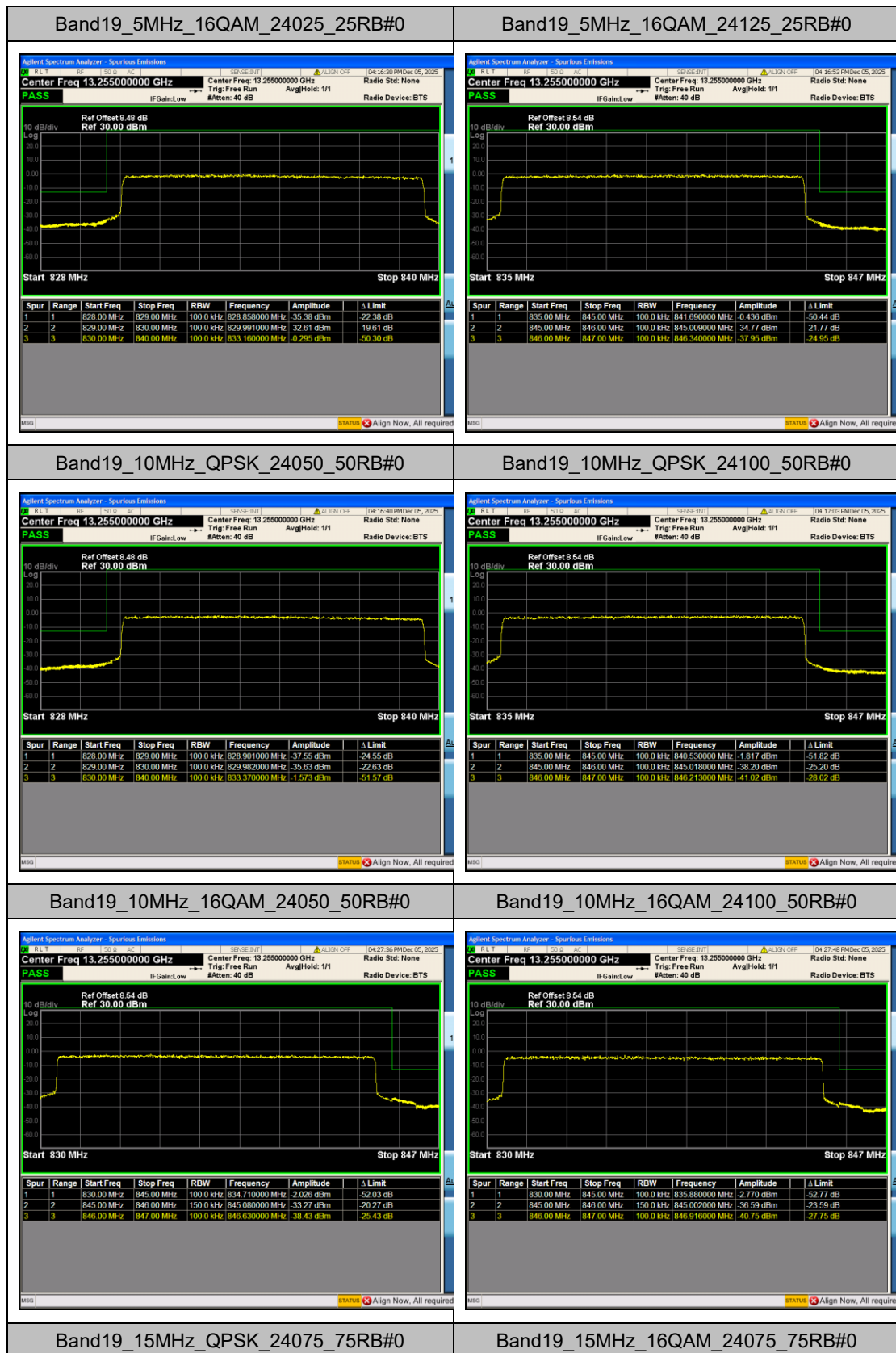
Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band19	5MHz	QPSK	24025	25RB#0	-30.59	PASS
Band19	5MHz	QPSK	24125	25RB#0	-30.94	PASS
Band19	5MHz	16QAM	24025	25RB#0	-33.04	PASS
Band19	5MHz	16QAM	24125	25RB#0	-33.55	PASS
Band19	10MHz	QPSK	24050	50RB#0	-32.61	PASS
Band19	10MHz	QPSK	24100	50RB#0	-34.77	PASS
Band19	10MHz	16QAM	24050	50RB#0	-35.63	PASS
Band19	10MHz	16QAM	24100	50RB#0	-38.20	PASS
Band19	15MHz	QPSK	24075	75RB#0	-33.27	PASS
Band19	15MHz	16QAM	24075	75RB#0	-36.59	PASS

Test Graphs





Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band19	5MHz	QPSK	24025	25RB#0	0.009~0.15	-37.36	PASS
Band19	5MHz	QPSK	24025	25RB#0	0.15~30	-55.79	PASS
Band19	5MHz	QPSK	24025	25RB#0	30~1000	-51.10	PASS
Band19	5MHz	QPSK	24025	25RB#0	1000~3000	-46.68	PASS
Band19	5MHz	QPSK	24025	25RB#0	3000~10000	-44.04	PASS
Band19	5MHz	QPSK	24075	25RB#0	0.009~0.15	-40.79	PASS
Band19	5MHz	QPSK	24075	25RB#0	0.15~30	-53.05	PASS
Band19	5MHz	QPSK	24075	25RB#0	30~1000	-52.18	PASS
Band19	5MHz	QPSK	24075	25RB#0	1000~3000	-46.85	PASS
Band19	5MHz	QPSK	24075	25RB#0	3000~10000	-43.93	PASS
Band19	5MHz	QPSK	24125	25RB#0	0.009~0.15	-40.41	PASS
Band19	5MHz	QPSK	24125	25RB#0	0.15~30	-52.48	PASS
Band19	5MHz	QPSK	24125	25RB#0	30~1000	-51.09	PASS
Band19	5MHz	QPSK	24125	25RB#0	1000~3000	-46.84	PASS
Band19	5MHz	QPSK	24125	25RB#0	3000~10000	-43.51	PASS
Band19	5MHz	16QAM	24025	25RB#0	0.009~0.15	-41.27	PASS
Band19	5MHz	16QAM	24025	25RB#0	0.15~30	-54.76	PASS
Band19	5MHz	16QAM	24025	25RB#0	30~1000	-53.60	PASS
Band19	5MHz	16QAM	24025	25RB#0	1000~3000	-46.87	PASS
Band19	5MHz	16QAM	24025	25RB#0	3000~10000	-44.13	PASS
Band19	5MHz	16QAM	24075	25RB#0	0.009~0.15	-41.38	PASS
Band19	5MHz	16QAM	24075	25RB#0	0.15~30	-55.28	PASS
Band19	5MHz	16QAM	24075	25RB#0	30~1000	-53.85	PASS
Band19	5MHz	16QAM	24075	25RB#0	1000~3000	-46.94	PASS
Band19	5MHz	16QAM	24075	25RB#0	3000~10000	-43.91	PASS
Band19	5MHz	16QAM	24125	25RB#0	0.009~0.15	-40.29	PASS
Band19	5MHz	16QAM	24125	25RB#0	0.15~30	-52.94	PASS
Band19	5MHz	16QAM	24125	25RB#0	30~1000	-53.48	PASS
Band19	5MHz	16QAM	24125	25RB#0	1000~3000	-46.14	PASS
Band19	5MHz	16QAM	24125	25RB#0	3000~10000	-44.25	PASS
Band19	10MHz	QPSK	24050	50RB#0	0.009~0.15	-41.77	PASS
Band19	10MHz	QPSK	24050	50RB#0	0.15~30	-52.46	PASS
Band19	10MHz	QPSK	24050	50RB#0	30~1000	-58.63	PASS
Band19	10MHz	QPSK	24050	50RB#0	1000~3000	-42.09	PASS
Band19	10MHz	QPSK	24050	50RB#0	3000~10000	-44.14	PASS
Band19	10MHz	QPSK	24075	50RB#0	0.009~0.15	-43.68	PASS

Band19	10MHz	QPSK	24075	50RB#0	0.15~30	-52.71	PASS
Band19	10MHz	QPSK	24075	50RB#0	30~1000	-57.27	PASS
Band19	10MHz	QPSK	24075	50RB#0	1000~3000	-46.89	PASS
Band19	10MHz	QPSK	24075	50RB#0	3000~10000	-44.09	PASS
Band19	10MHz	QPSK	24100	50RB#0	0.009~0.15	-40.77	PASS
Band19	10MHz	QPSK	24100	50RB#0	0.15~30	-51.35	PASS
Band19	10MHz	QPSK	24100	50RB#0	30~1000	-55.83	PASS
Band19	10MHz	QPSK	24100	50RB#0	1000~3000	-41.27	PASS
Band19	10MHz	QPSK	24100	50RB#0	3000~10000	-43.48	PASS
Band19	10MHz	16QAM	24050	50RB#0	0.009~0.15	-40.75	PASS
Band19	10MHz	16QAM	24050	50RB#0	0.15~30	-52.42	PASS
Band19	10MHz	16QAM	24050	50RB#0	30~1000	-59.50	PASS
Band19	10MHz	16QAM	24050	50RB#0	1000~3000	-47.09	PASS
Band19	10MHz	16QAM	24050	50RB#0	3000~10000	-44.16	PASS
Band19	10MHz	16QAM	24075	50RB#0	0.009~0.15	-40.52	PASS
Band19	10MHz	16QAM	24075	50RB#0	0.15~30	-51.23	PASS
Band19	10MHz	16QAM	24075	50RB#0	30~1000	-58.77	PASS
Band19	10MHz	16QAM	24075	50RB#0	1000~3000	-43.20	PASS
Band19	10MHz	16QAM	24075	50RB#0	3000~10000	-43.71	PASS
Band19	10MHz	16QAM	24100	50RB#0	0.009~0.15	-43.46	PASS
Band19	10MHz	16QAM	24100	50RB#0	0.15~30	-53.05	PASS
Band19	10MHz	16QAM	24100	50RB#0	30~1000	-58.09	PASS
Band19	10MHz	16QAM	24100	50RB#0	1000~3000	-46.75	PASS
Band19	10MHz	16QAM	24100	50RB#0	3000~10000	-44.25	PASS
Band19	15MHz	QPSK	24075	75RB#0	0.009~0.15	-39.08	PASS
Band19	15MHz	QPSK	24075	75RB#0	0.15~30	-52.40	PASS
Band19	15MHz	QPSK	24075	75RB#0	30~1000	-61.05	PASS
Band19	15MHz	QPSK	24075	75RB#0	1000~3000	-47.04	PASS
Band19	15MHz	QPSK	24075	75RB#0	3000~10000	-44.08	PASS
Band19	15MHz	16QAM	24075	75RB#0	0.009~0.15	-39.30	PASS
Band19	15MHz	16QAM	24075	75RB#0	0.15~30	-51.62	PASS
Band19	15MHz	16QAM	24075	75RB#0	30~1000	-61.25	PASS
Band19	15MHz	16QAM	24075	75RB#0	1000~3000	-37.52	PASS
Band19	15MHz	16QAM	24075	75RB#0	3000~10000	-44.06	PASS

Test Graphs

