

Appendix RF Test Data for LTE Band 26

Company: : SIMFINITY COMPANY LIMITED

EUT : MIFI

Model Number : U6

FCC ID : 2BSRS-U6

Report No. : CTA25100901308

Reviewed By : Eric Wang

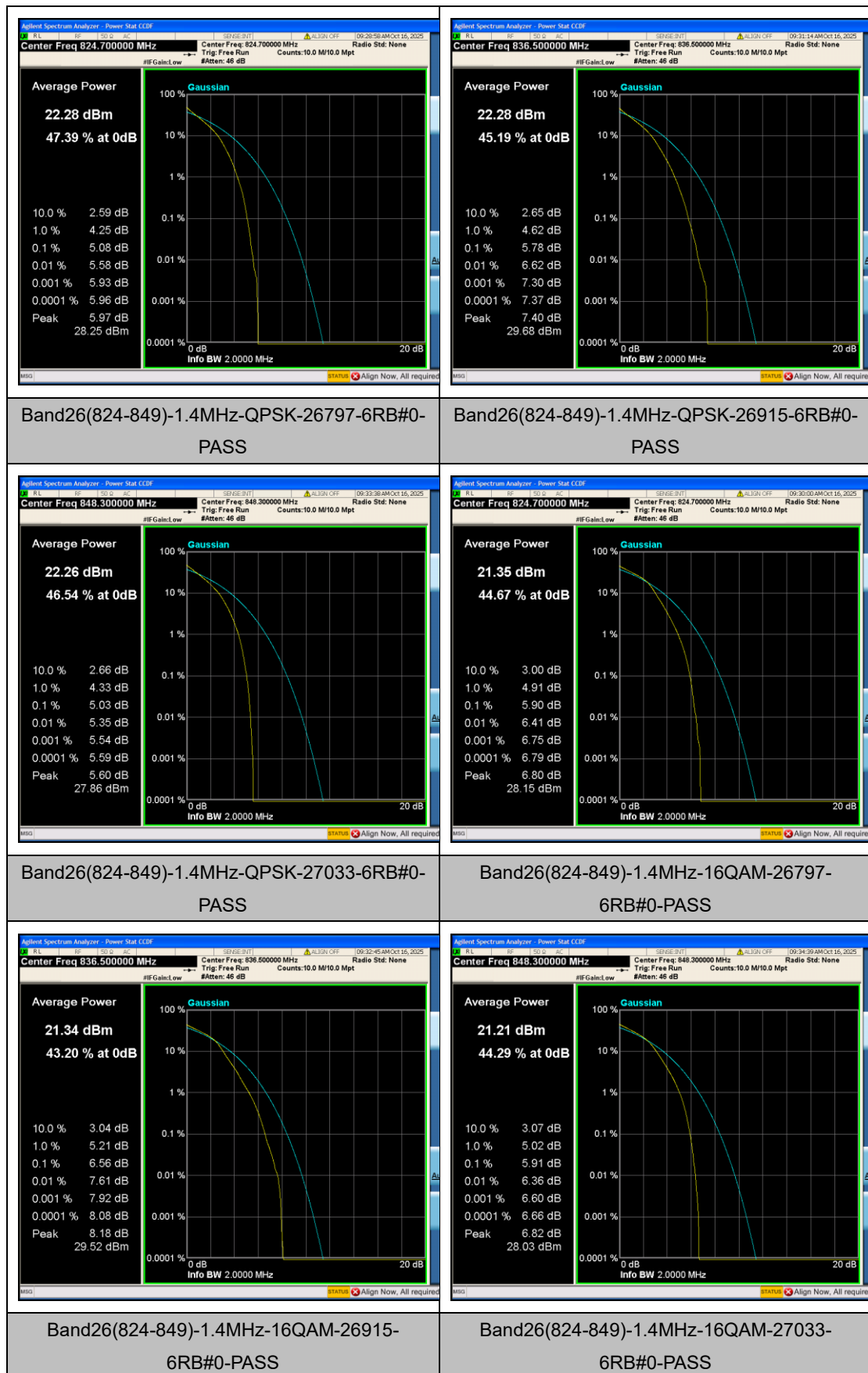
Appendix B: Peak-to-Average Ratio(CCDF)

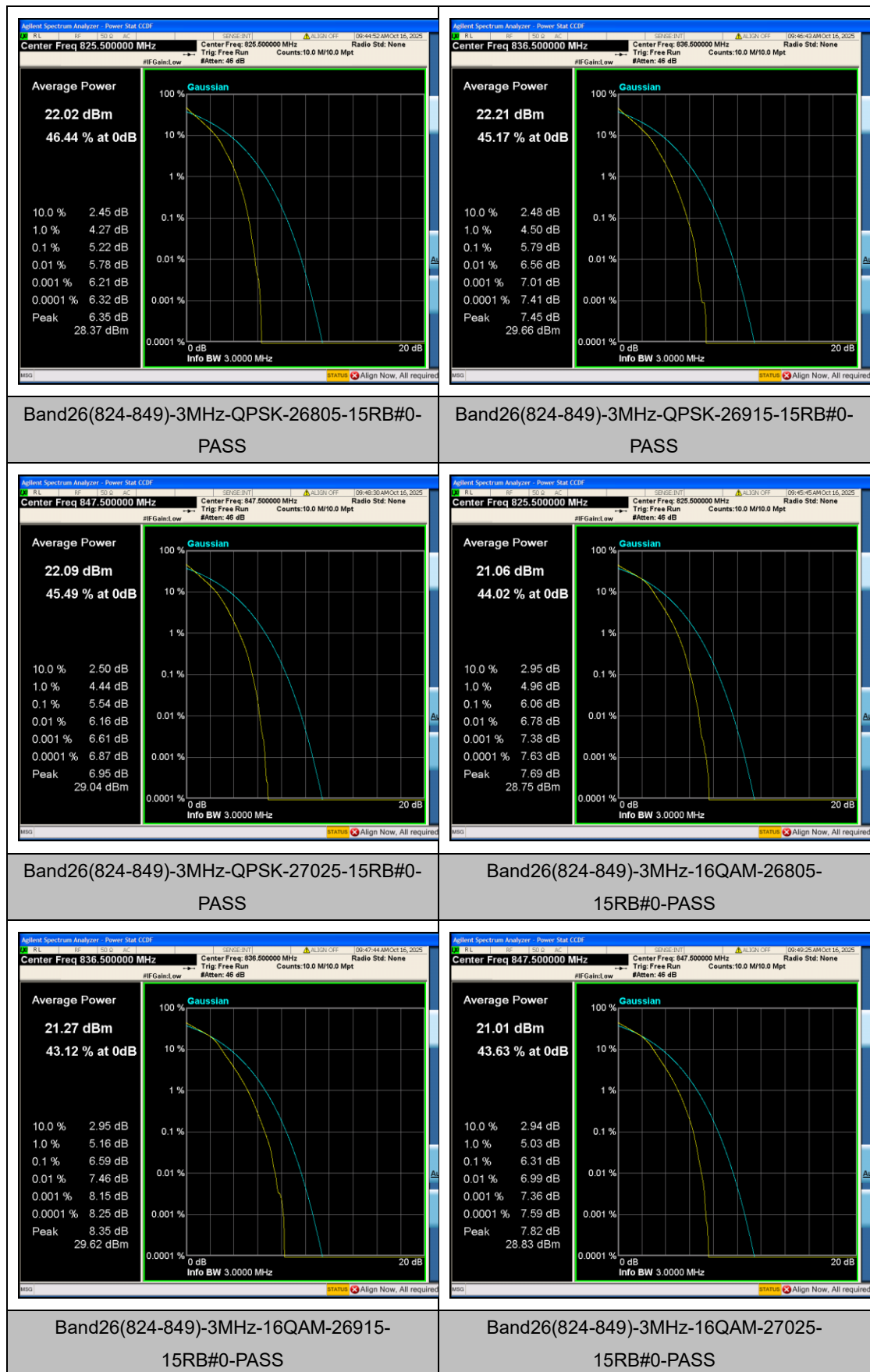
Test Result

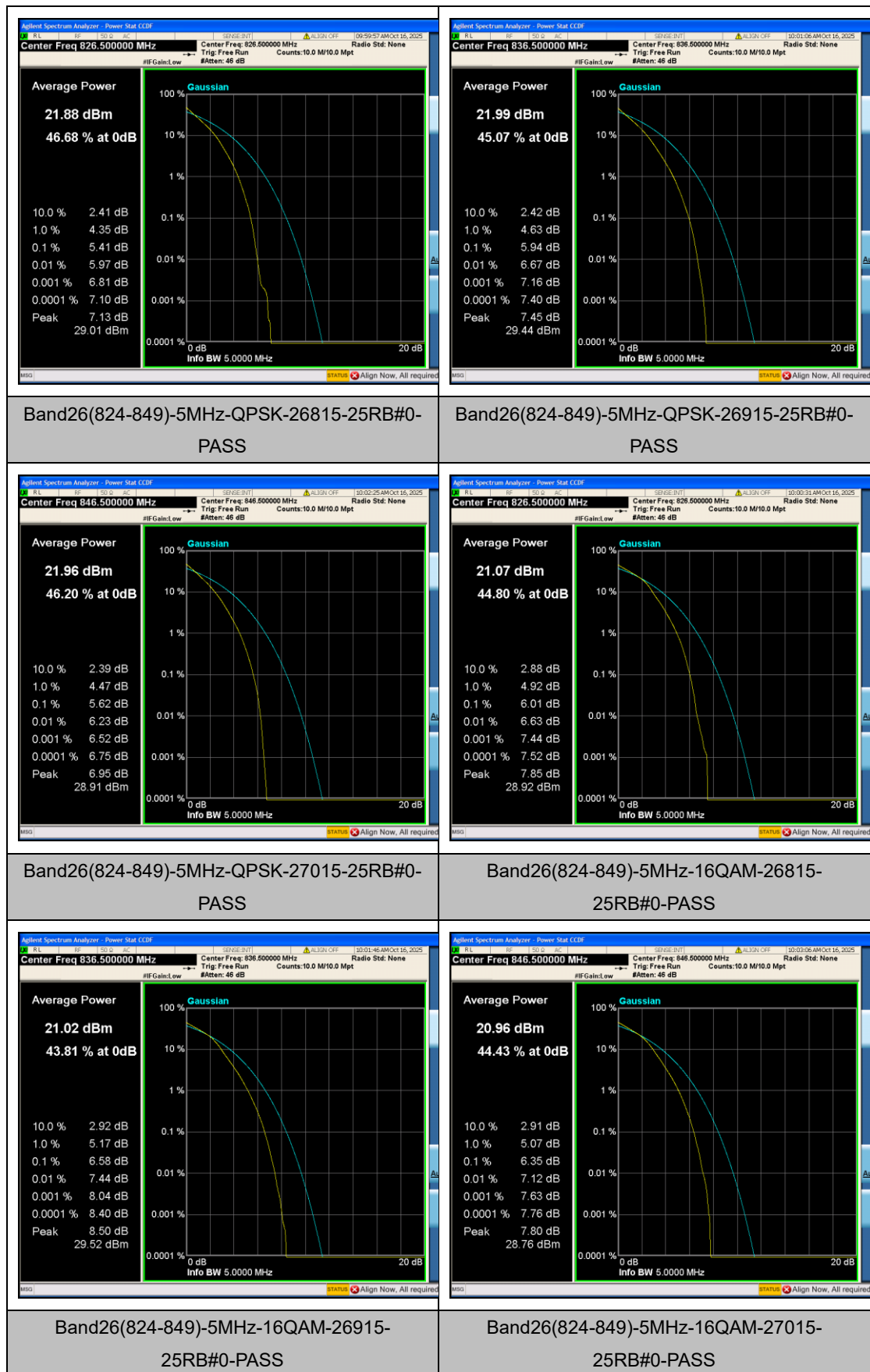
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26(824-849)	1.4MHz	QPSK	26797	6RB#0	5.08	13	PASS
Band26(824-849)	1.4MHz	QPSK	26915	6RB#0	5.78	13	PASS
Band26(824-849)	1.4MHz	QPSK	27033	6RB#0	5.03	13	PASS
Band26(824-849)	1.4MHz	16QAM	26797	6RB#0	5.90	13	PASS
Band26(824-849)	1.4MHz	16QAM	26915	6RB#0	6.56	13	PASS
Band26(824-849)	1.4MHz	16QAM	27033	6RB#0	5.91	13	PASS
Band26(824-849)	3MHz	QPSK	26805	15RB#0	5.22	13	PASS
Band26(824-849)	3MHz	QPSK	26915	15RB#0	5.79	13	PASS
Band26(824-849)	3MHz	QPSK	27025	15RB#0	5.54	13	PASS
Band26(824-849)	3MHz	16QAM	26805	15RB#0	6.06	13	PASS
Band26(824-849)	3MHz	16QAM	26915	15RB#0	6.59	13	PASS
Band26(824-849)	3MHz	16QAM	27025	15RB#0	6.31	13	PASS
Band26(824-849)	5MHz	QPSK	26815	25RB#0	5.41	13	PASS
Band26(824-849)	5MHz	QPSK	26915	25RB#0	5.94	13	PASS
Band26(824-849)	5MHz	QPSK	27015	25RB#0	5.62	13	PASS
Band26(824-849)	5MHz	16QAM	26815	25RB#0	6.01	13	PASS
Band26(824-849)	5MHz	16QAM	26915	25RB#0	6.58	13	PASS
Band26(824-849)	5MHz	16QAM	27015	25RB#0	6.35	13	PASS

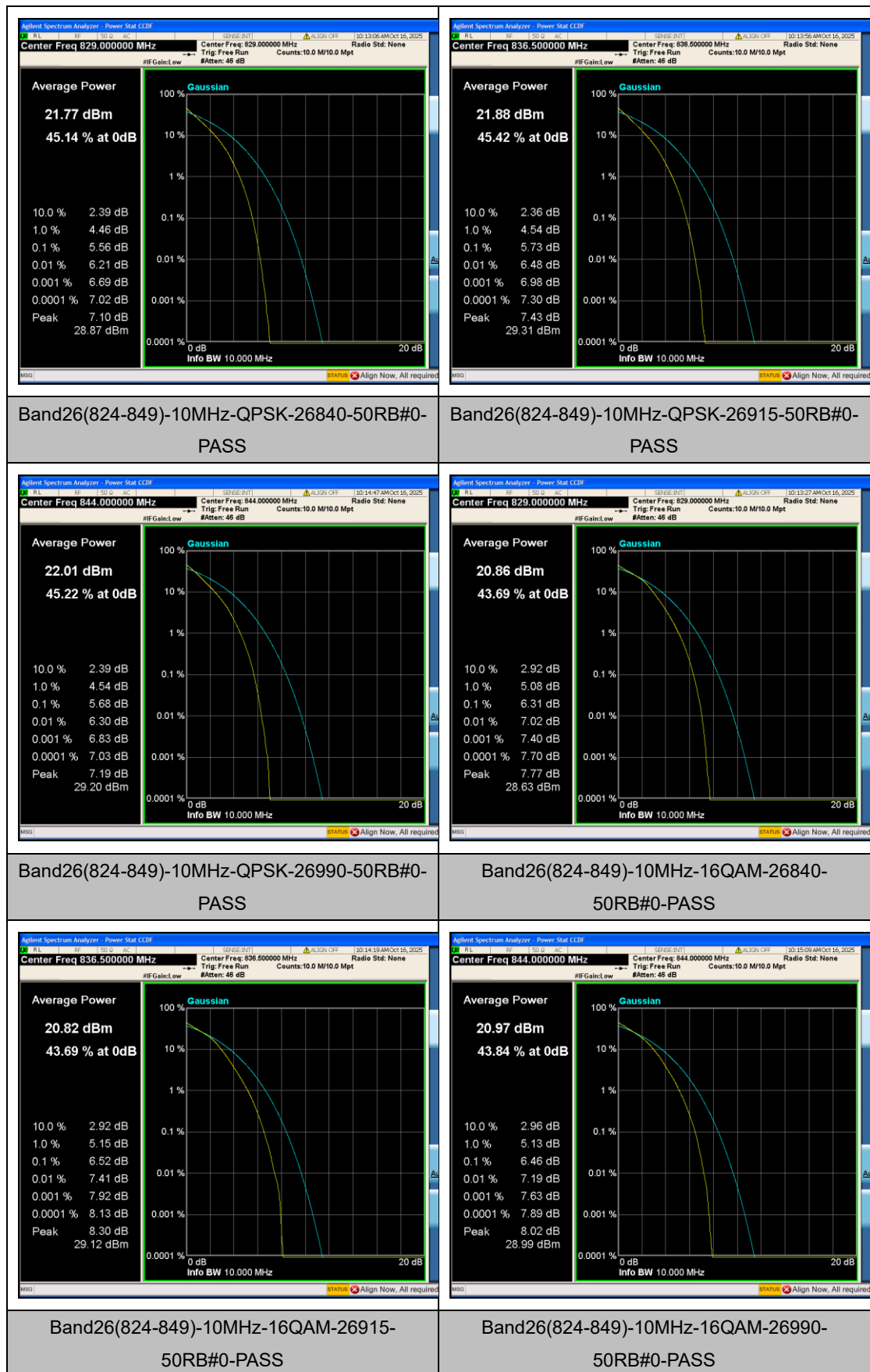
Band26(824-849)	10MHz	QPSK	26840	50RB#0	5.56	13	PASS
Band26(824-849)	10MHz	QPSK	26915	50RB#0	5.73	13	PASS
Band26(824-849)	10MHz	QPSK	26990	50RB#0	5.68	13	PASS
Band26(824-849)	10MHz	16QAM	26840	50RB#0	6.31	13	PASS
Band26(824-849)	10MHz	16QAM	26915	50RB#0	6.52	13	PASS
Band26(824-849)	10MHz	16QAM	26990	50RB#0	6.46	13	PASS
Band26(824-849)	15MHz	QPSK	26865	75RB#0	6.02	13	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	5.88	13	PASS
Band26(824-849)	15MHz	QPSK	26965	75RB#0	5.99	13	PASS
Band26(824-849)	15MHz	16QAM	26865	75RB#0	6.56	13	PASS
Band26(824-849)	15MHz	16QAM	26915	75RB#0	6.48	13	PASS
Band26(824-849)	15MHz	16QAM	26965	75RB#0	6.52	13	PASS

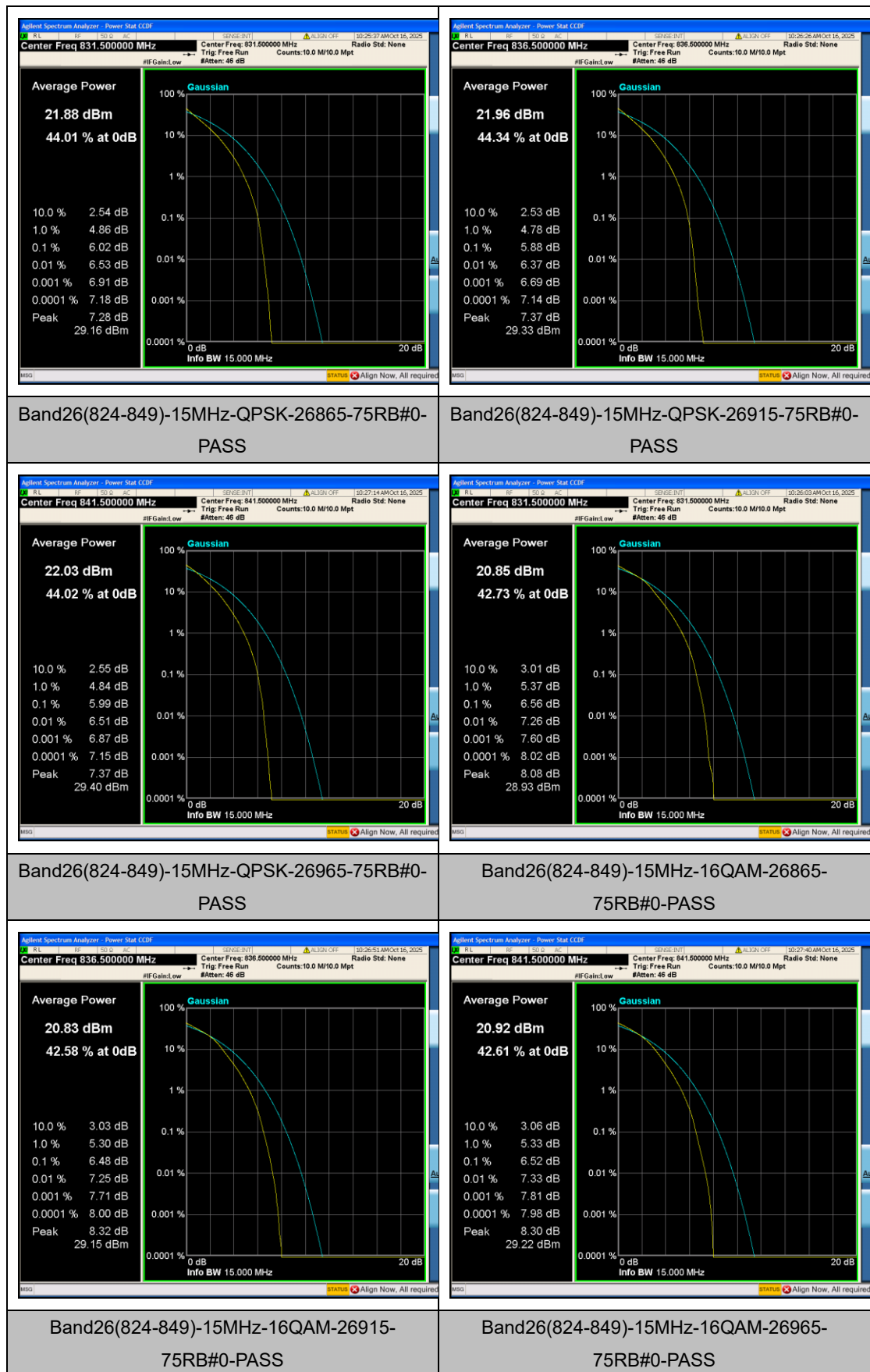
Test Graphs











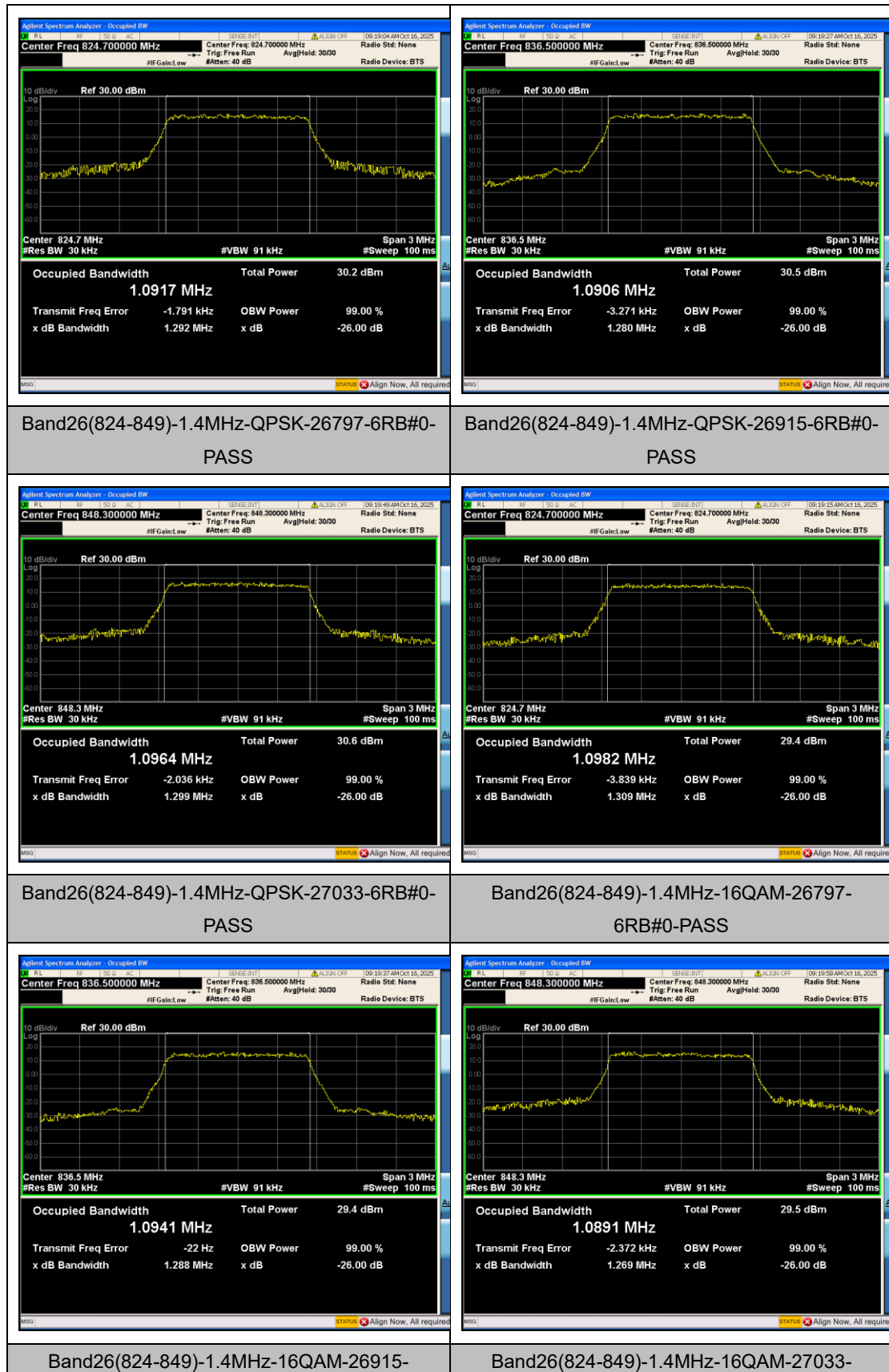
Appendix C: 26dB Bandwidth and Occupied Bandwidth

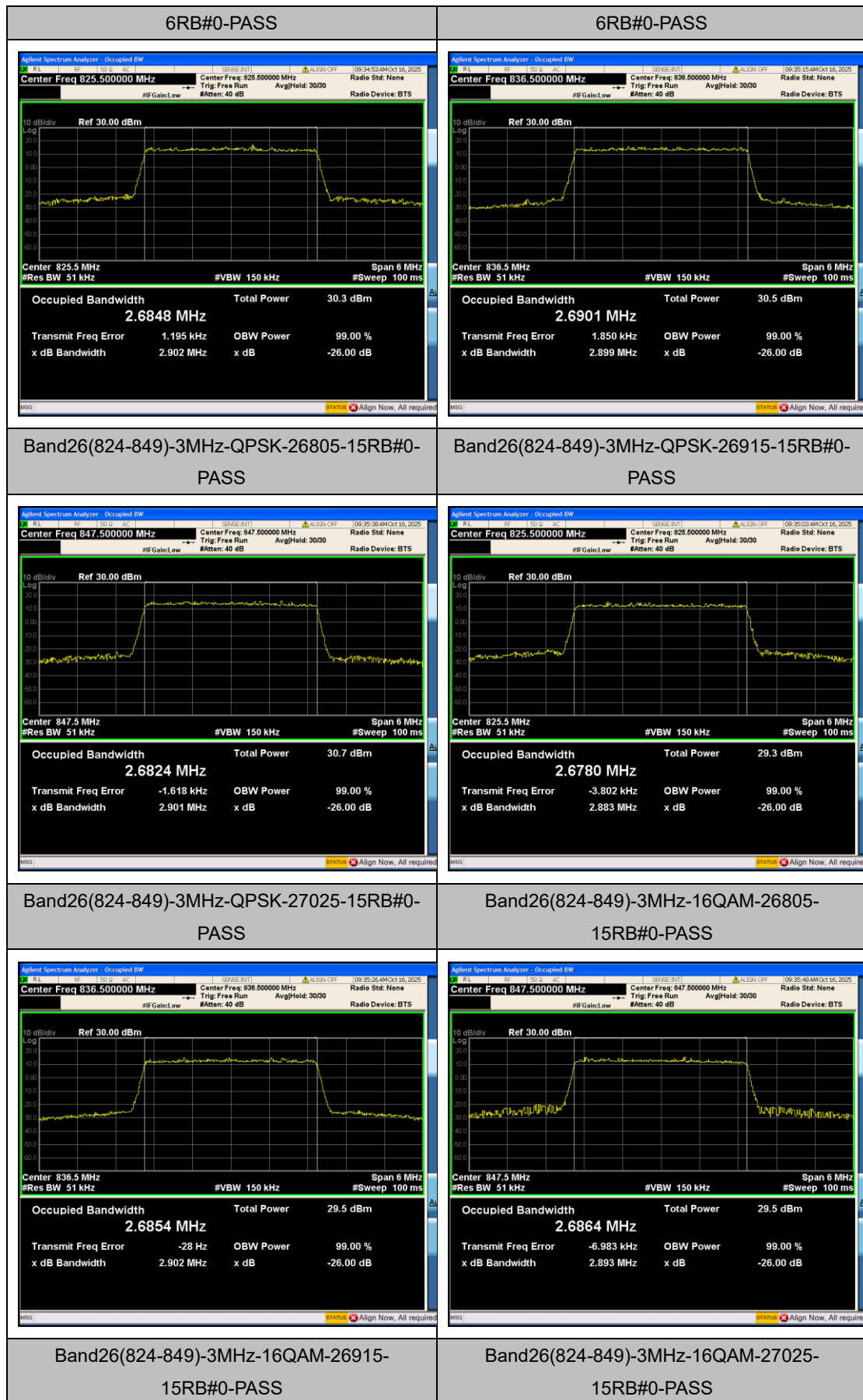
Test Result

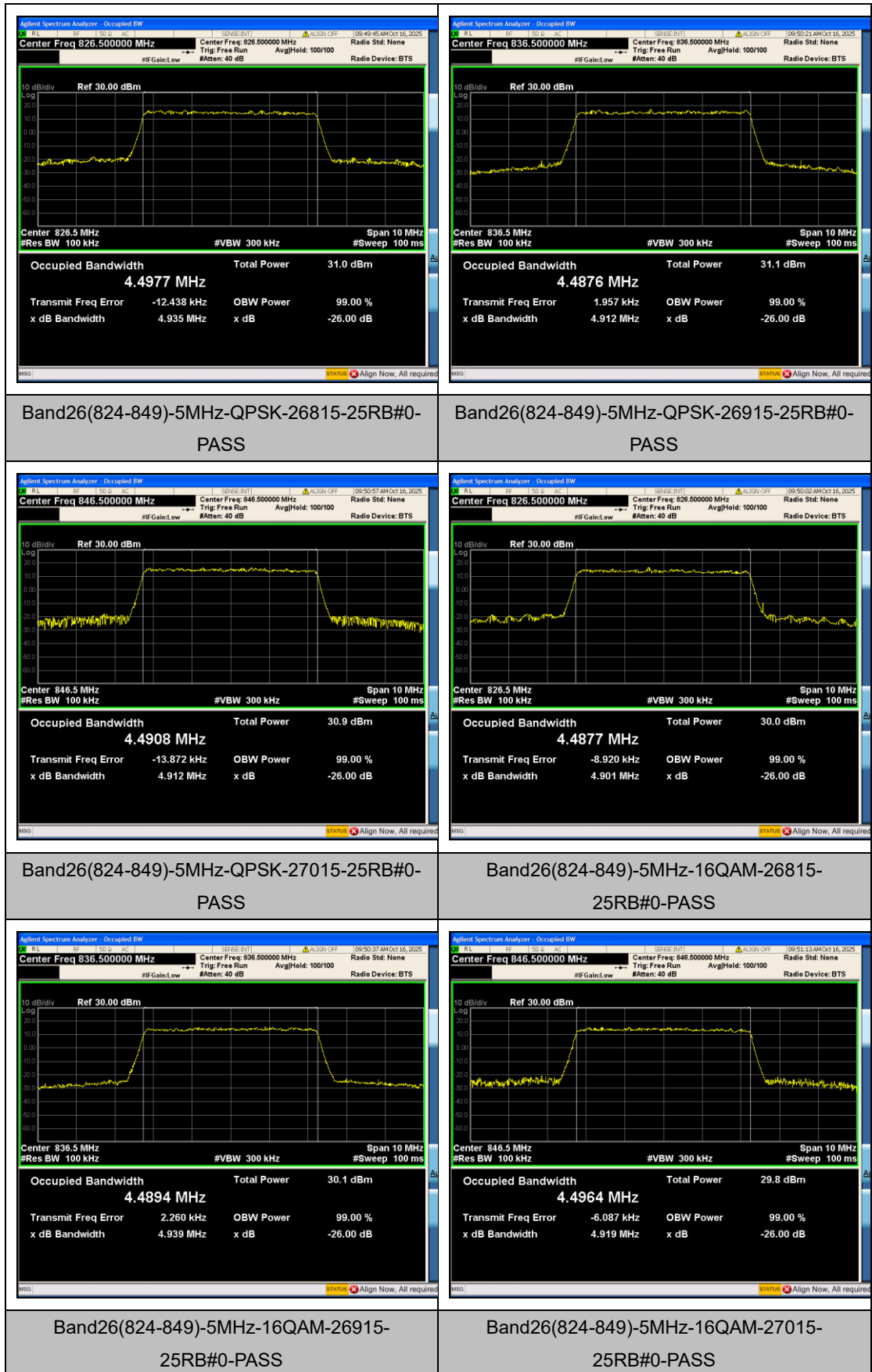
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26(824-849)	1.4MHz	QPSK	26797	6RB#0	1.0917	1.292	PASS
Band26(824-849)	1.4MHz	QPSK	26915	6RB#0	1.0906	1.280	PASS
Band26(824-849)	1.4MHz	QPSK	27033	6RB#0	1.0964	1.299	PASS
Band26(824-849)	1.4MHz	16QAM	26797	6RB#0	1.0982	1.309	PASS
Band26(824-849)	1.4MHz	16QAM	26915	6RB#0	1.0941	1.288	PASS
Band26(824-849)	1.4MHz	16QAM	27033	6RB#0	1.0891	1.269	PASS
Band26(824-849)	3MHz	QPSK	26805	15RB#0	2.6848	2.902	PASS
Band26(824-849)	3MHz	QPSK	26915	15RB#0	2.6901	2.899	PASS
Band26(824-849)	3MHz	QPSK	27025	15RB#0	2.6824	2.901	PASS
Band26(824-849)	3MHz	16QAM	26805	15RB#0	2.6780	2.883	PASS
Band26(824-849)	3MHz	16QAM	26915	15RB#0	2.6854	2.902	PASS
Band26(824-849)	3MHz	16QAM	27025	15RB#0	2.6864	2.893	PASS
Band26(824-849)	5MHz	QPSK	26815	25RB#0	4.4977	4.935	PASS
Band26(824-849)	5MHz	QPSK	26915	25RB#0	4.4876	4.912	PASS
Band26(824-849)	5MHz	QPSK	27015	25RB#0	4.4908	4.912	PASS
Band26(824-849)	5MHz	16QAM	26815	25RB#0	4.4877	4.901	PASS
Band26(824-849)	5MHz	16QAM	26915	25RB#0	4.4894	4.939	PASS
Band26(824-849)	5MHz	16QAM	27015	25RB#0	4.4964	4.919	PASS

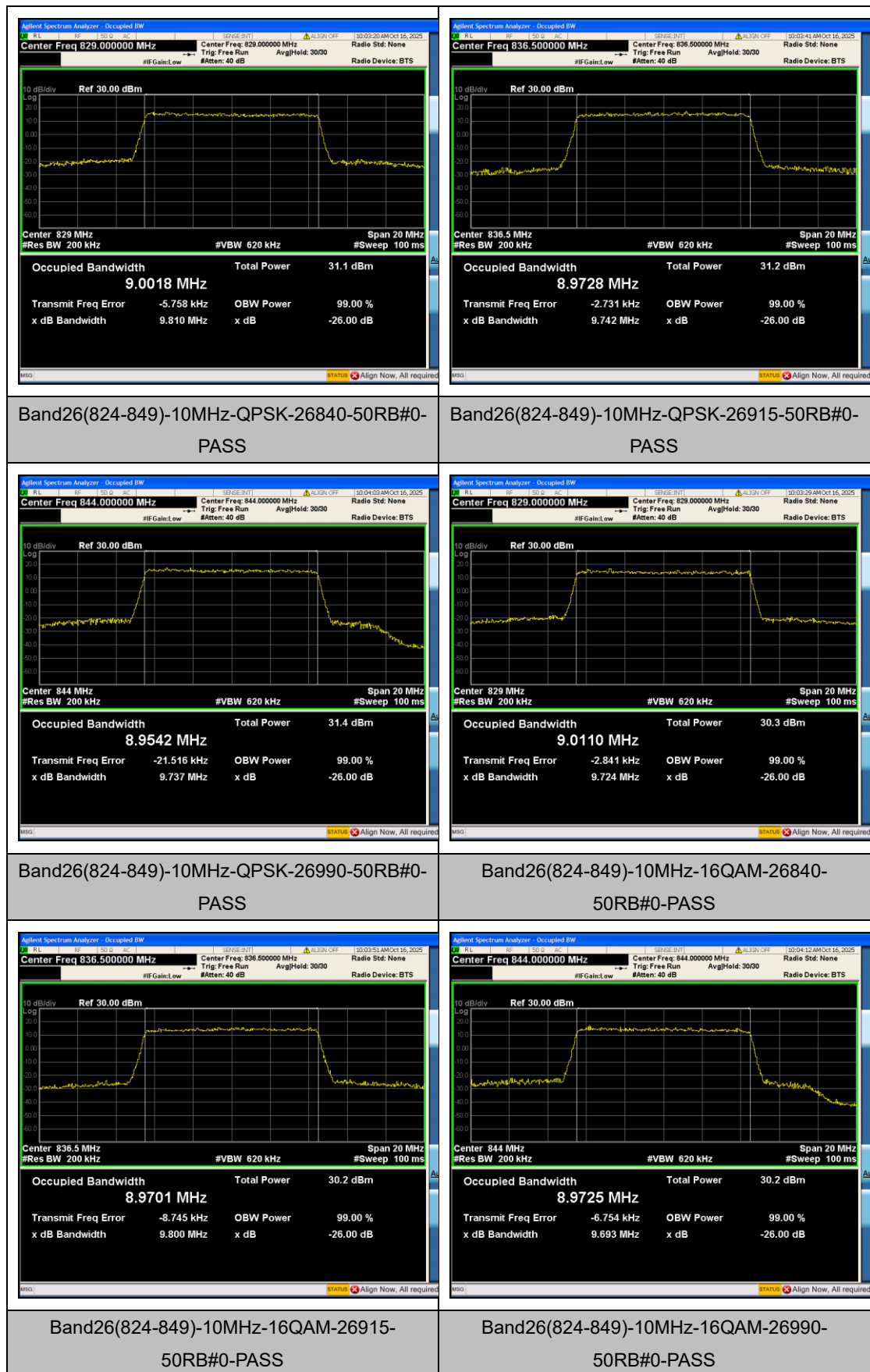
849)							
Band26(824-849)	10MHz	QPSK	26840	50RB#0	9.0018	9.810	PASS
Band26(824-849)	10MHz	QPSK	26915	50RB#0	8.9728	9.742	PASS
Band26(824-849)	10MHz	QPSK	26990	50RB#0	8.9542	9.737	PASS
Band26(824-849)	10MHz	16QAM	26840	50RB#0	9.0110	9.724	PASS
Band26(824-849)	10MHz	16QAM	26915	50RB#0	8.9701	9.800	PASS
Band26(824-849)	10MHz	16QAM	26990	50RB#0	8.9725	9.693	PASS
Band26(824-849)	15MHz	QPSK	26865	75RB#0	13.513	14.72	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	13.454	14.70	PASS
Band26(824-849)	15MHz	QPSK	26965	75RB#0	13.407	14.50	PASS
Band26(824-849)	15MHz	16QAM	26865	75RB#0	13.507	14.62	PASS
Band26(824-849)	15MHz	16QAM	26915	75RB#0	13.446	14.65	PASS
Band26(824-849)	15MHz	16QAM	26965	75RB#0	13.427	14.52	PASS

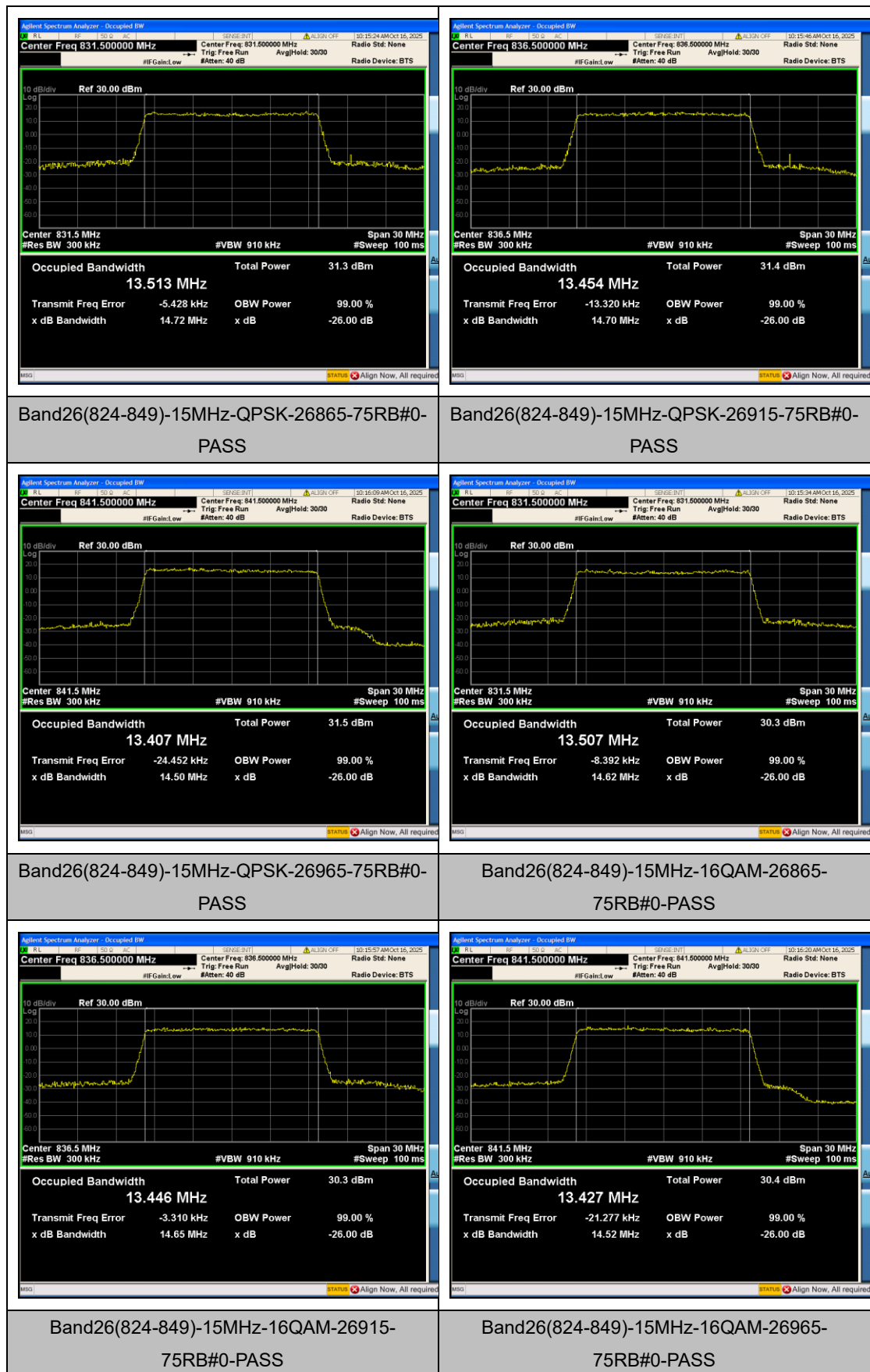
Test Graphs











Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band26(824-849)	1.4MHz	QPSK	26797	6RB#0	-30.79	PASS
Band26(824-849)	1.4MHz	QPSK	27033	6RB#0	-28.54	PASS
Band26(824-849)	1.4MHz	16QAM	26797	6RB#0	-34.19	PASS
Band26(824-849)	1.4MHz	16QAM	27033	6RB#0	-35.82	PASS
Band26(824-849)	3MHz	QPSK	26805	15RB#0	-34.74	PASS
Band26(824-849)	3MHz	QPSK	27025	15RB#0	-38.25	PASS
Band26(824-849)	3MHz	16QAM	26805	15RB#0	-36.22	PASS
Band26(824-849)	3MHz	16QAM	27025	15RB#0	-38.76	PASS
Band26(824-849)	5MHz	QPSK	26815	25RB#0	-34.21	PASS
Band26(824-849)	5MHz	QPSK	27015	25RB#0	-39.15	PASS
Band26(824-849)	5MHz	16QAM	26815	25RB#0	-36.43	PASS
Band26(824-849)	5MHz	16QAM	27015	25RB#0	-39.12	PASS
Band26(824-849)	10MHz	QPSK	26840	50RB#0	-36.73	PASS
Band26(824-849)	10MHz	QPSK	26990	50RB#0	-40.86	PASS
Band26(824-849)	10MHz	16QAM	26840	50RB#0	-38.93	PASS
Band26(824-849)	10MHz	16QAM	26990	50RB#0	-41.67	PASS
Band26(824-849)	15MHz	QPSK	26865	75RB#0	-38.69	PASS
Band26(824-849)	15MHz	QPSK	26965	75RB#0	-41.03	PASS

Band26(824-849)	15MHz	16QAM	26865	75RB#0	-39.85	PASS
Band26(824-849)	15MHz	16QAM	26965	75RB#0	-41.94	PASS

Test Graphs

