

FCC Appendix RF Test Data for LTE Band 26

Company: : Yulong Computer Telecommunication Scientific
(Shenzhen) Co., Ltd

EUT : Smart Phone

Model Number : K21

FCC ID : R38YLC PK21

Report No. : CTA25091901810

Reviewed By : Eric Wang

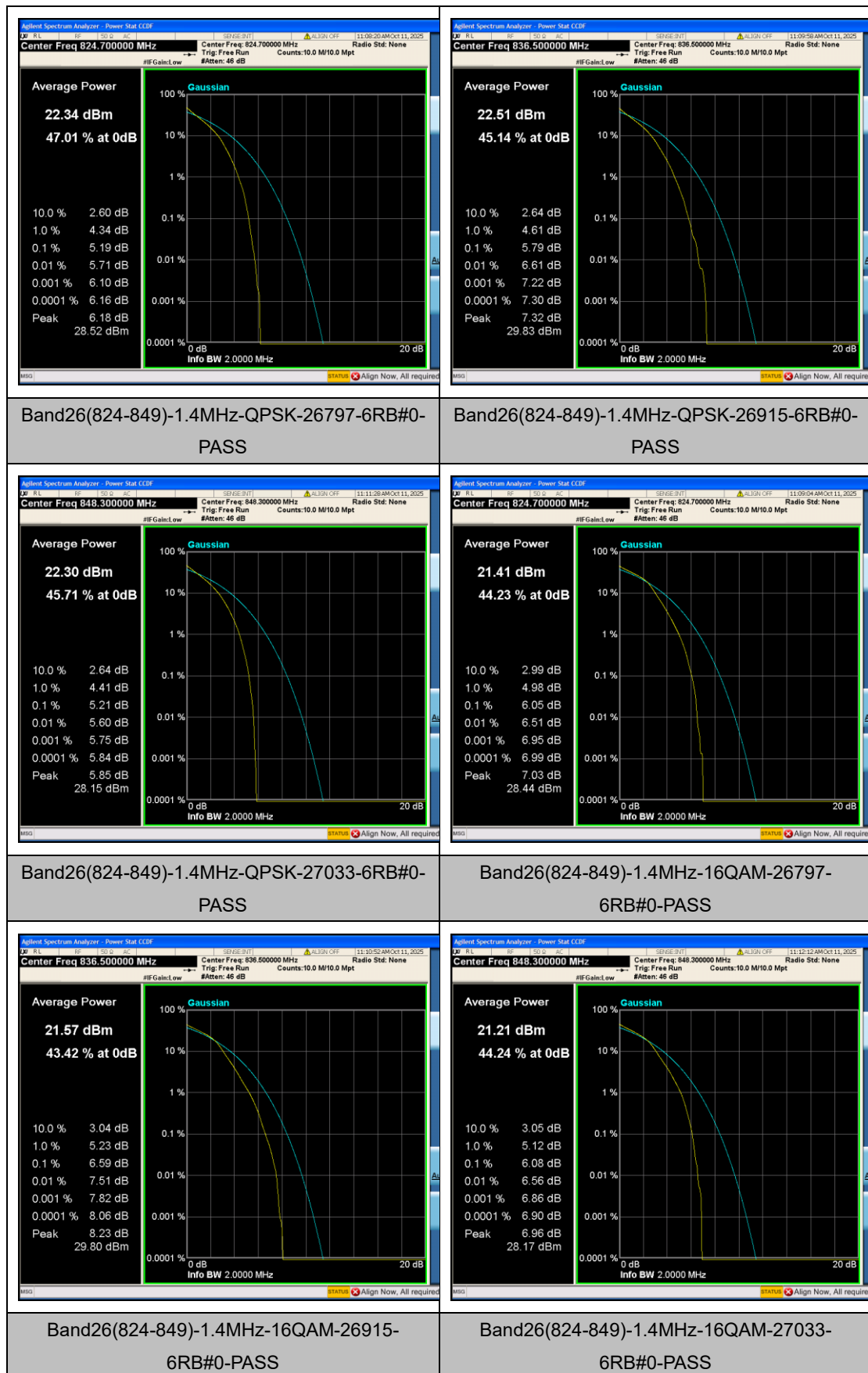
Appendix B: Peak-to-Average Ratio(CCDF)

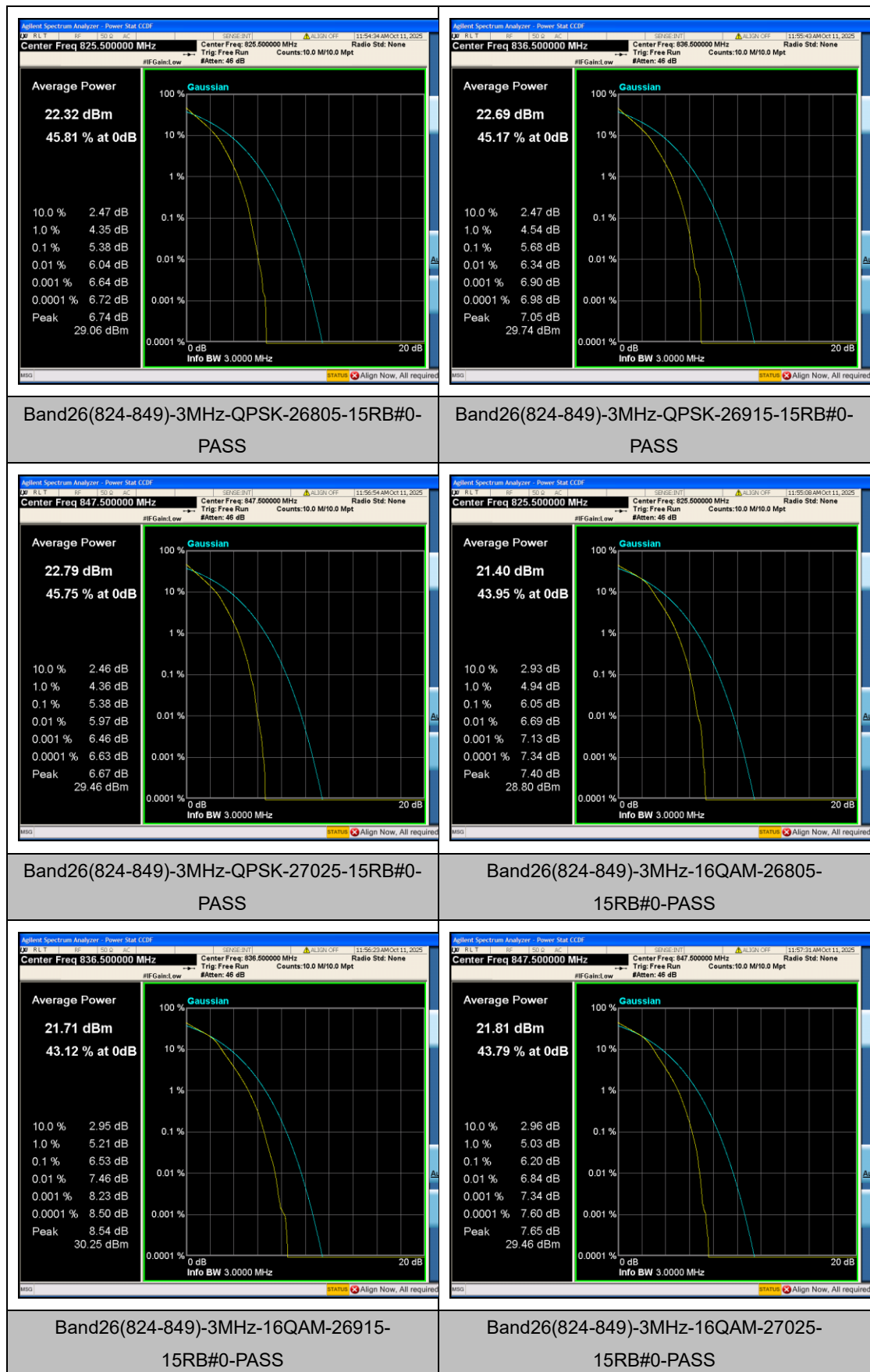
Test Result

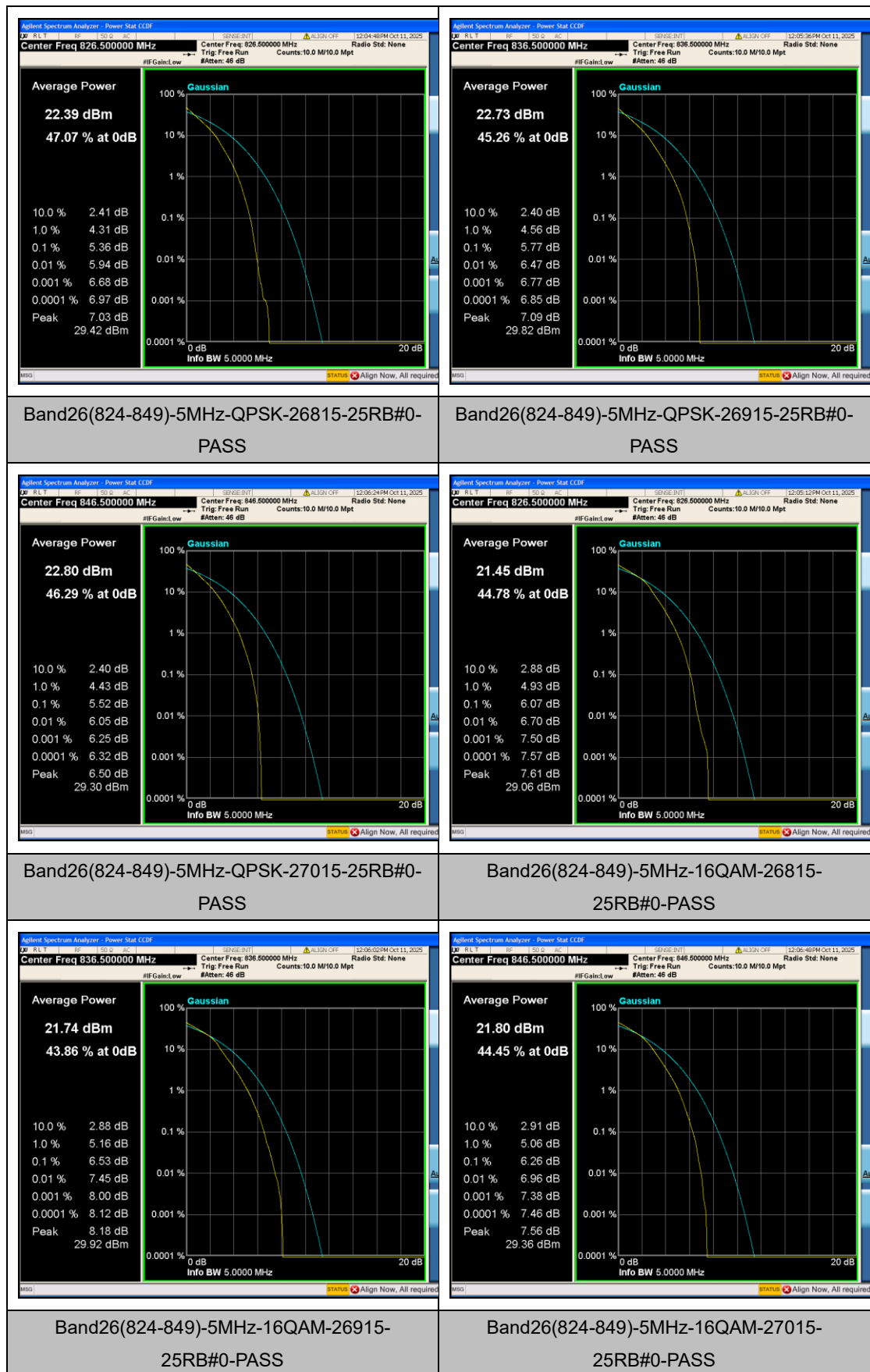
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26(824-849)	1.4MHz	QPSK	26797	6RB#0	5.19	13	PASS
Band26(824-849)	1.4MHz	QPSK	26915	6RB#0	5.79	13	PASS
Band26(824-849)	1.4MHz	QPSK	27033	6RB#0	5.21	13	PASS
Band26(824-849)	1.4MHz	16QAM	26797	6RB#0	6.05	13	PASS
Band26(824-849)	1.4MHz	16QAM	26915	6RB#0	6.59	13	PASS
Band26(824-849)	1.4MHz	16QAM	27033	6RB#0	6.08	13	PASS
Band26(824-849)	3MHz	QPSK	26805	15RB#0	5.38	13	PASS
Band26(824-849)	3MHz	QPSK	26915	15RB#0	5.68	13	PASS
Band26(824-849)	3MHz	QPSK	27025	15RB#0	5.38	13	PASS
Band26(824-849)	3MHz	16QAM	26805	15RB#0	6.05	13	PASS
Band26(824-849)	3MHz	16QAM	26915	15RB#0	6.53	13	PASS
Band26(824-849)	3MHz	16QAM	27025	15RB#0	6.20	13	PASS
Band26(824-849)	5MHz	QPSK	26815	25RB#0	5.36	13	PASS
Band26(824-849)	5MHz	QPSK	26915	25RB#0	5.77	13	PASS
Band26(824-849)	5MHz	QPSK	27015	25RB#0	5.52	13	PASS
Band26(824-849)	5MHz	16QAM	26815	25RB#0	6.07	13	PASS
Band26(824-849)	5MHz	16QAM	26915	25RB#0	6.53	13	PASS
Band26(824-849)	5MHz	16QAM	27015	25RB#0	6.26	13	PASS

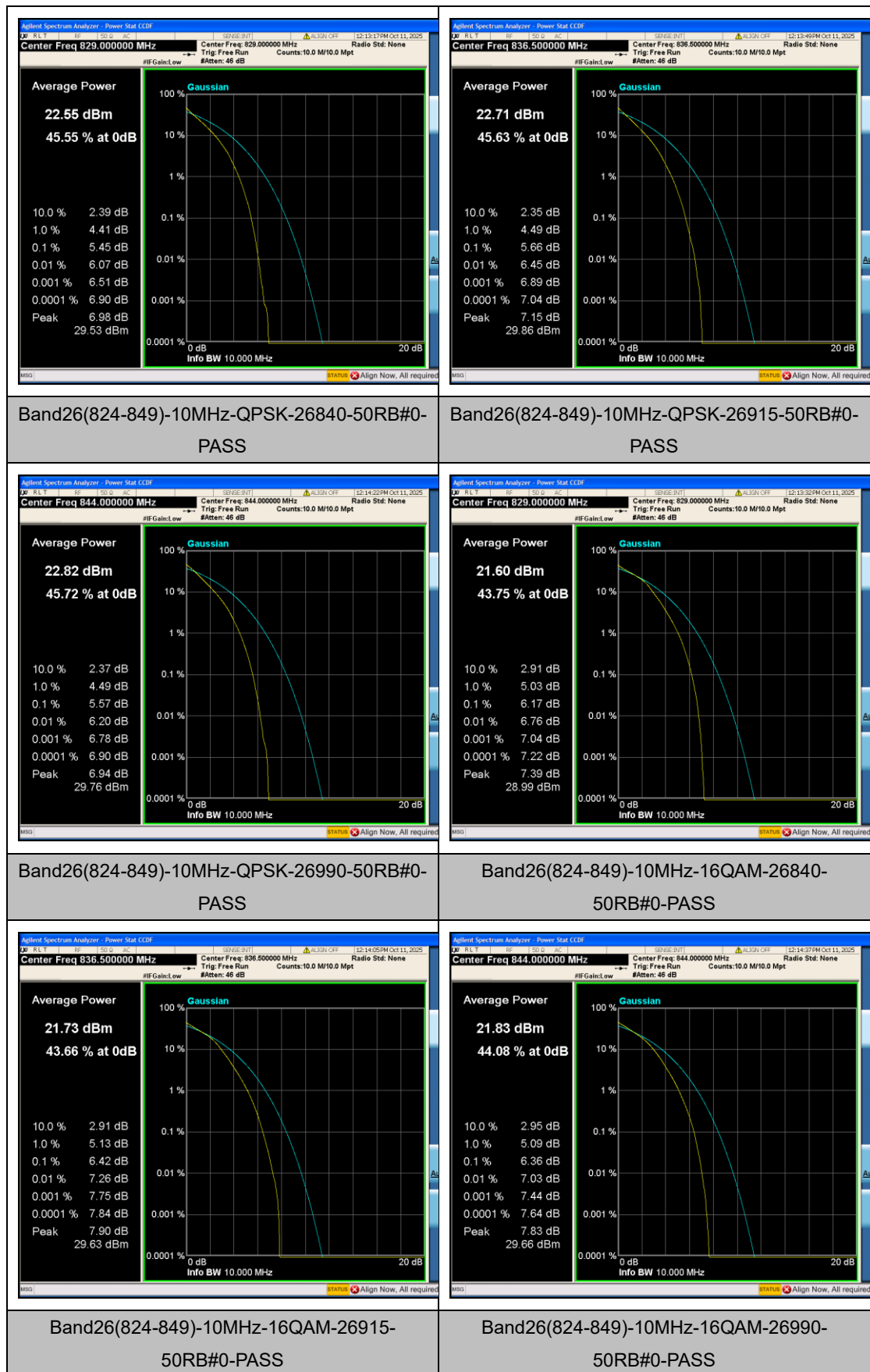
Band26(824-849)	10MHz	QPSK	26840	50RB#0	5.45	13	PASS
Band26(824-849)	10MHz	QPSK	26915	50RB#0	5.66	13	PASS
Band26(824-849)	10MHz	QPSK	26990	50RB#0	5.57	13	PASS
Band26(824-849)	10MHz	16QAM	26840	50RB#0	6.17	13	PASS
Band26(824-849)	10MHz	16QAM	26915	50RB#0	6.42	13	PASS
Band26(824-849)	10MHz	16QAM	26990	50RB#0	6.36	13	PASS
Band26(824-849)	15MHz	QPSK	26865	75RB#0	5.87	13	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	5.80	13	PASS
Band26(824-849)	15MHz	QPSK	26965	75RB#0	5.87	13	PASS
Band26(824-849)	15MHz	16QAM	26865	75RB#0	6.41	13	PASS
Band26(824-849)	15MHz	16QAM	26915	75RB#0	6.41	13	PASS
Band26(824-849)	15MHz	16QAM	26965	75RB#0	6.41	13	PASS

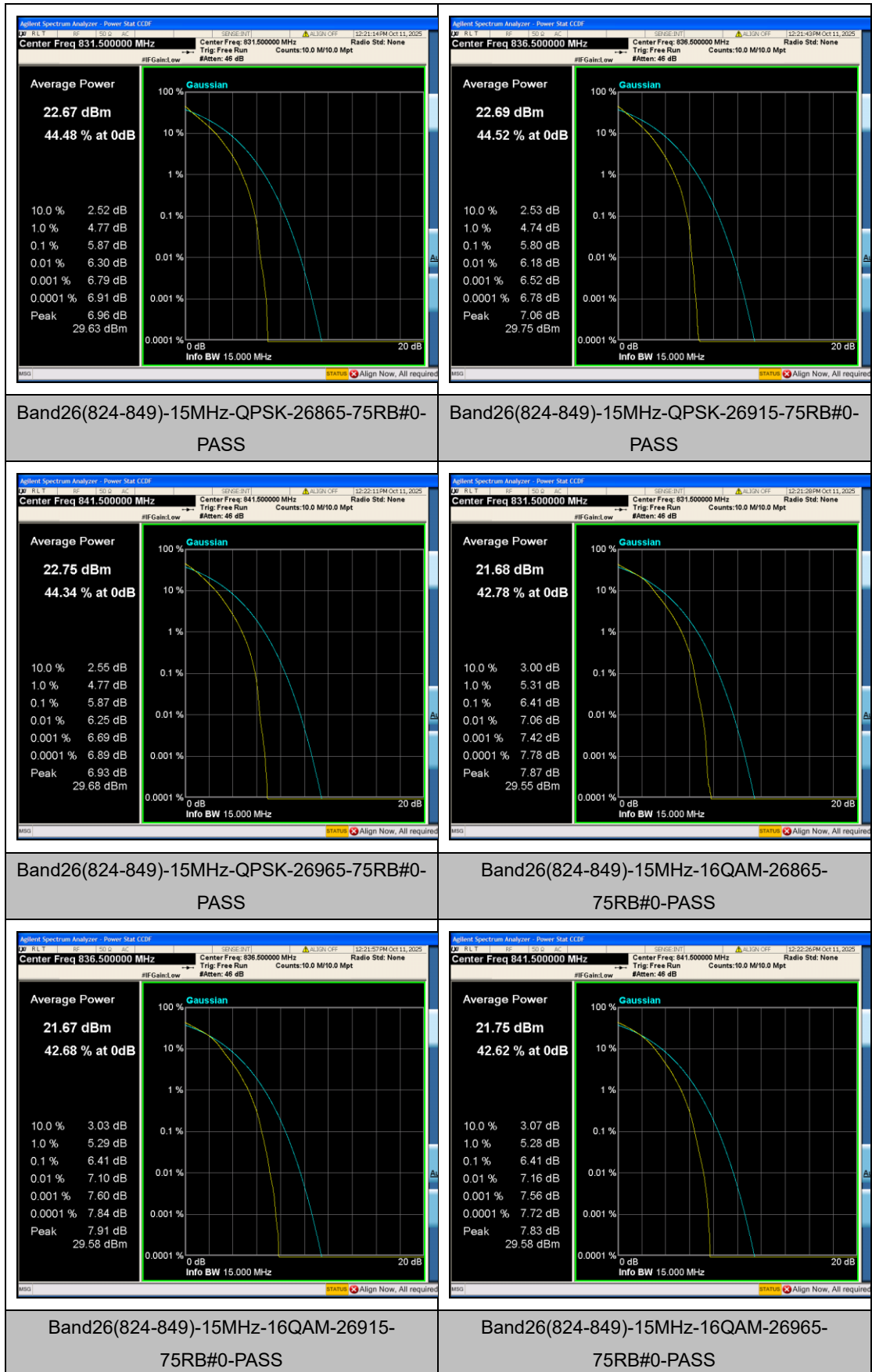
Test Graphs











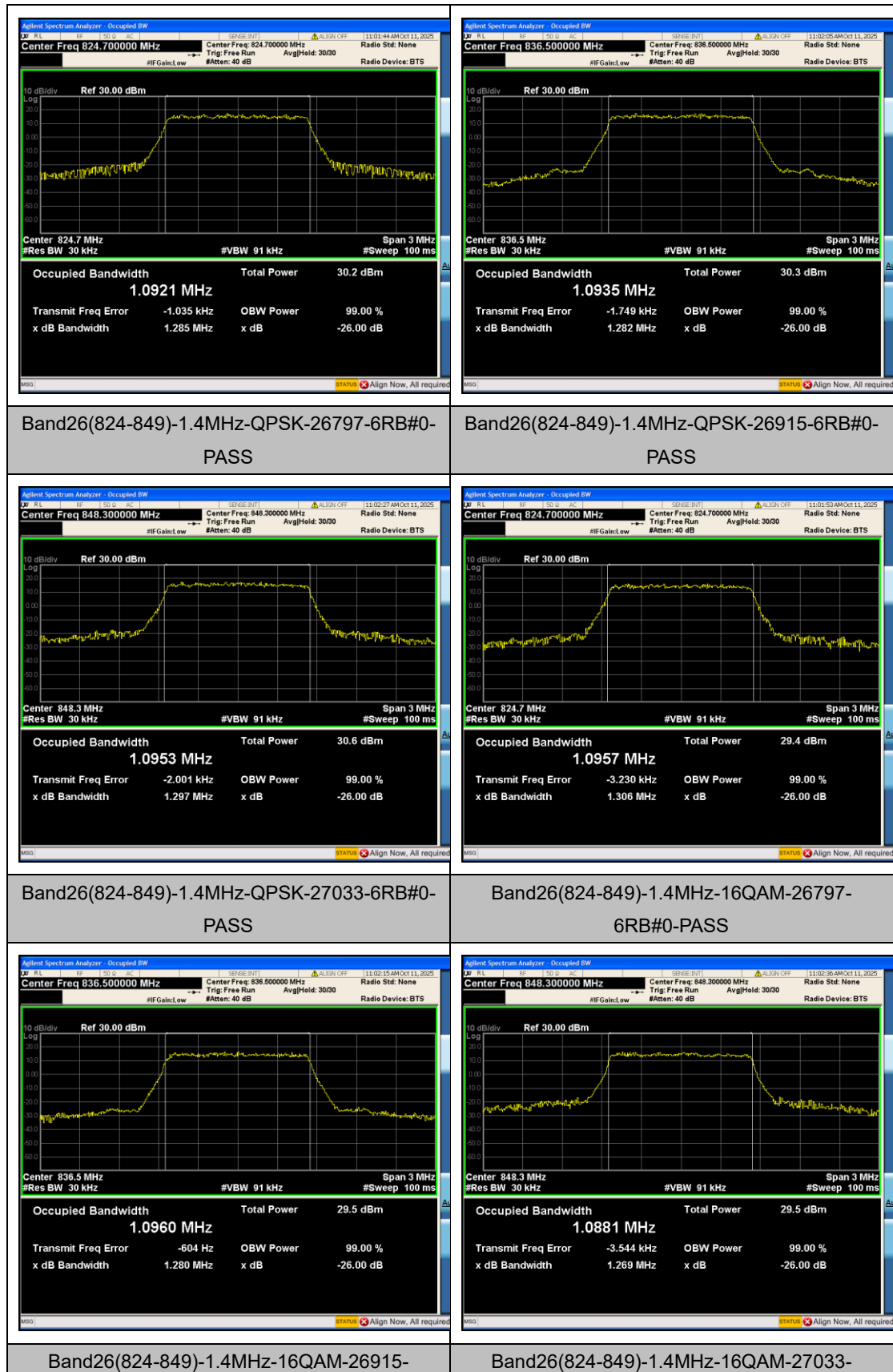
Appendix C: 26dB Bandwidth and Occupied Bandwidth

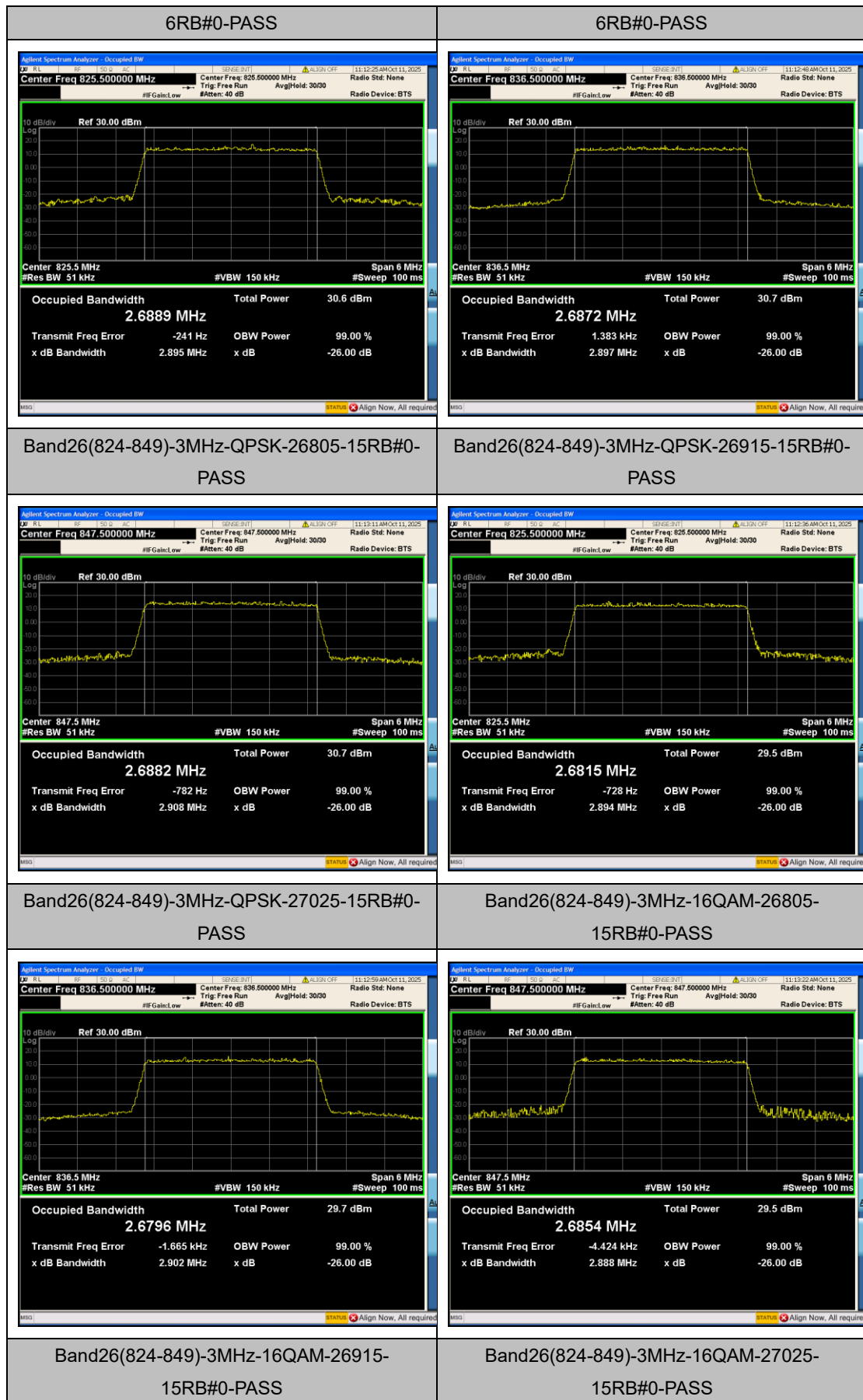
Test Result

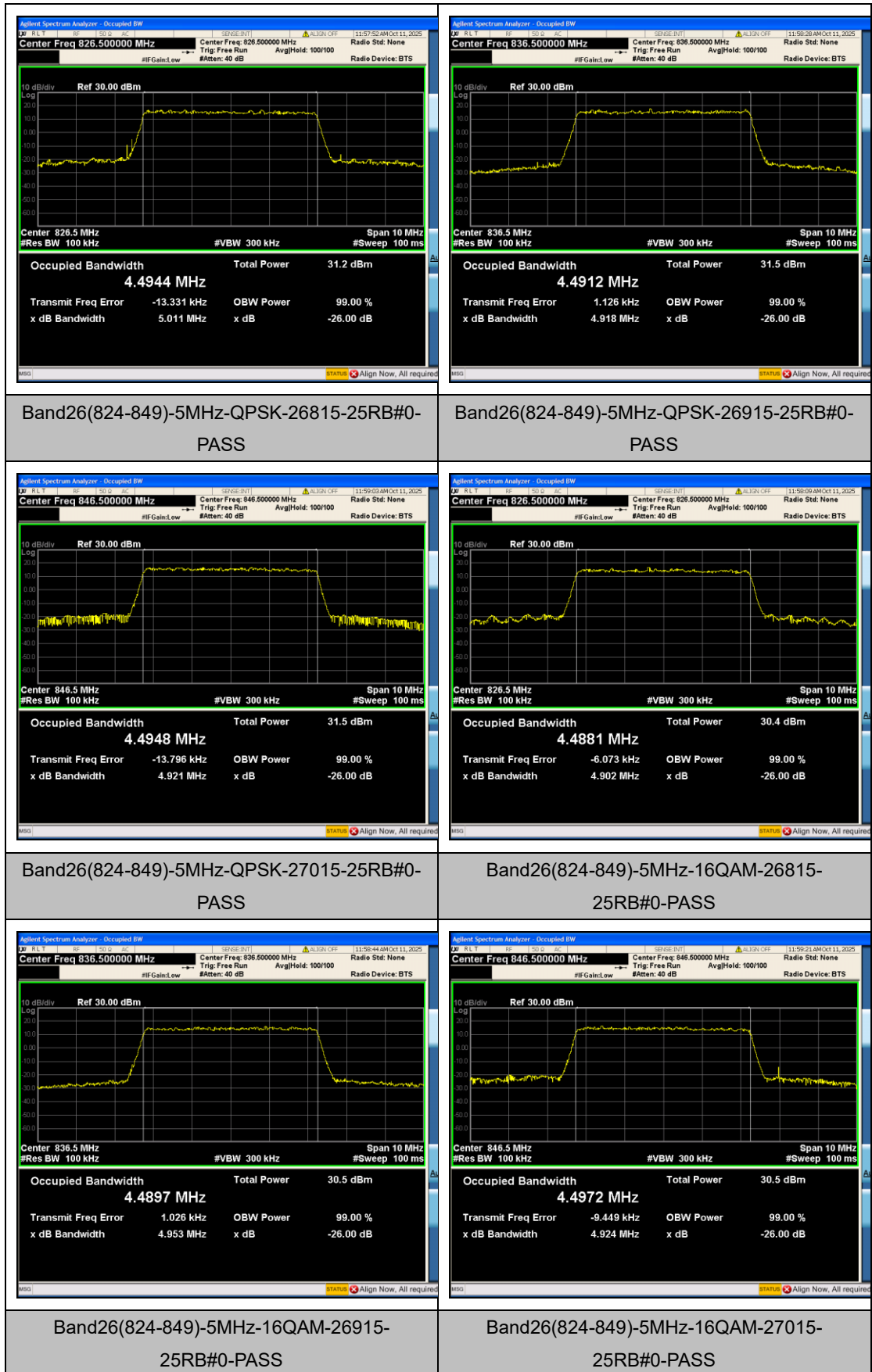
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26(824-849)	1.4MHz	QPSK	26797	6RB#0	1.0921	1.285	PASS
Band26(824-849)	1.4MHz	QPSK	26915	6RB#0	1.0935	1.282	PASS
Band26(824-849)	1.4MHz	QPSK	27033	6RB#0	1.0953	1.297	PASS
Band26(824-849)	1.4MHz	16QAM	26797	6RB#0	1.0957	1.306	PASS
Band26(824-849)	1.4MHz	16QAM	26915	6RB#0	1.0960	1.280	PASS
Band26(824-849)	1.4MHz	16QAM	27033	6RB#0	1.0881	1.269	PASS
Band26(824-849)	3MHz	QPSK	26805	15RB#0	2.6889	2.895	PASS
Band26(824-849)	3MHz	QPSK	26915	15RB#0	2.6872	2.897	PASS
Band26(824-849)	3MHz	QPSK	27025	15RB#0	2.6882	2.908	PASS
Band26(824-849)	3MHz	16QAM	26805	15RB#0	2.6815	2.894	PASS
Band26(824-849)	3MHz	16QAM	26915	15RB#0	2.6796	2.902	PASS
Band26(824-849)	3MHz	16QAM	27025	15RB#0	2.6854	2.888	PASS
Band26(824-849)	5MHz	QPSK	26815	25RB#0	4.4944	5.011	PASS
Band26(824-849)	5MHz	QPSK	26915	25RB#0	4.4912	4.918	PASS
Band26(824-849)	5MHz	QPSK	27015	25RB#0	4.4948	4.921	PASS
Band26(824-849)	5MHz	16QAM	26815	25RB#0	4.4881	4.902	PASS
Band26(824-849)	5MHz	16QAM	26915	25RB#0	4.4897	4.953	PASS
Band26(824-849)	5MHz	16QAM	27015	25RB#0	4.4972	4.924	PASS

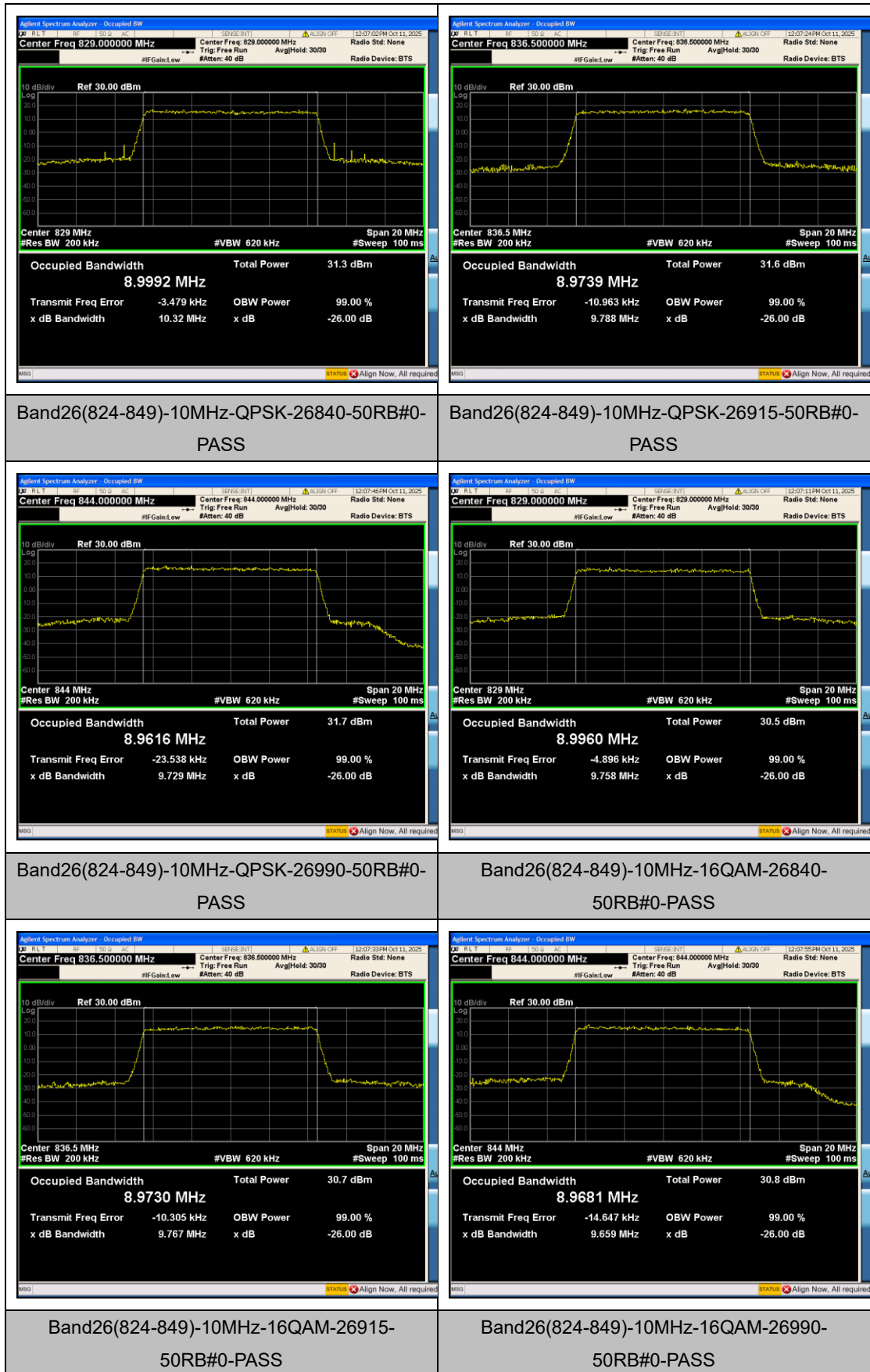
849)							
Band26(824-849)	10MHz	QPSK	26840	50RB#0	8.9992	10.32	PASS
Band26(824-849)	10MHz	QPSK	26915	50RB#0	8.9739	9.788	PASS
Band26(824-849)	10MHz	QPSK	26990	50RB#0	8.9616	9.729	PASS
Band26(824-849)	10MHz	16QAM	26840	50RB#0	8.9960	9.758	PASS
Band26(824-849)	10MHz	16QAM	26915	50RB#0	8.9730	9.767	PASS
Band26(824-849)	10MHz	16QAM	26990	50RB#0	8.9681	9.659	PASS
Band26(824-849)	15MHz	QPSK	26865	75RB#0	13.496	14.75	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	13.466	14.68	PASS
Band26(824-849)	15MHz	QPSK	26965	75RB#0	13.405	14.52	PASS
Band26(824-849)	15MHz	16QAM	26865	75RB#0	13.517	14.62	PASS
Band26(824-849)	15MHz	16QAM	26915	75RB#0	13.471	14.57	PASS
Band26(824-849)	15MHz	16QAM	26965	75RB#0	13.443	14.54	PASS

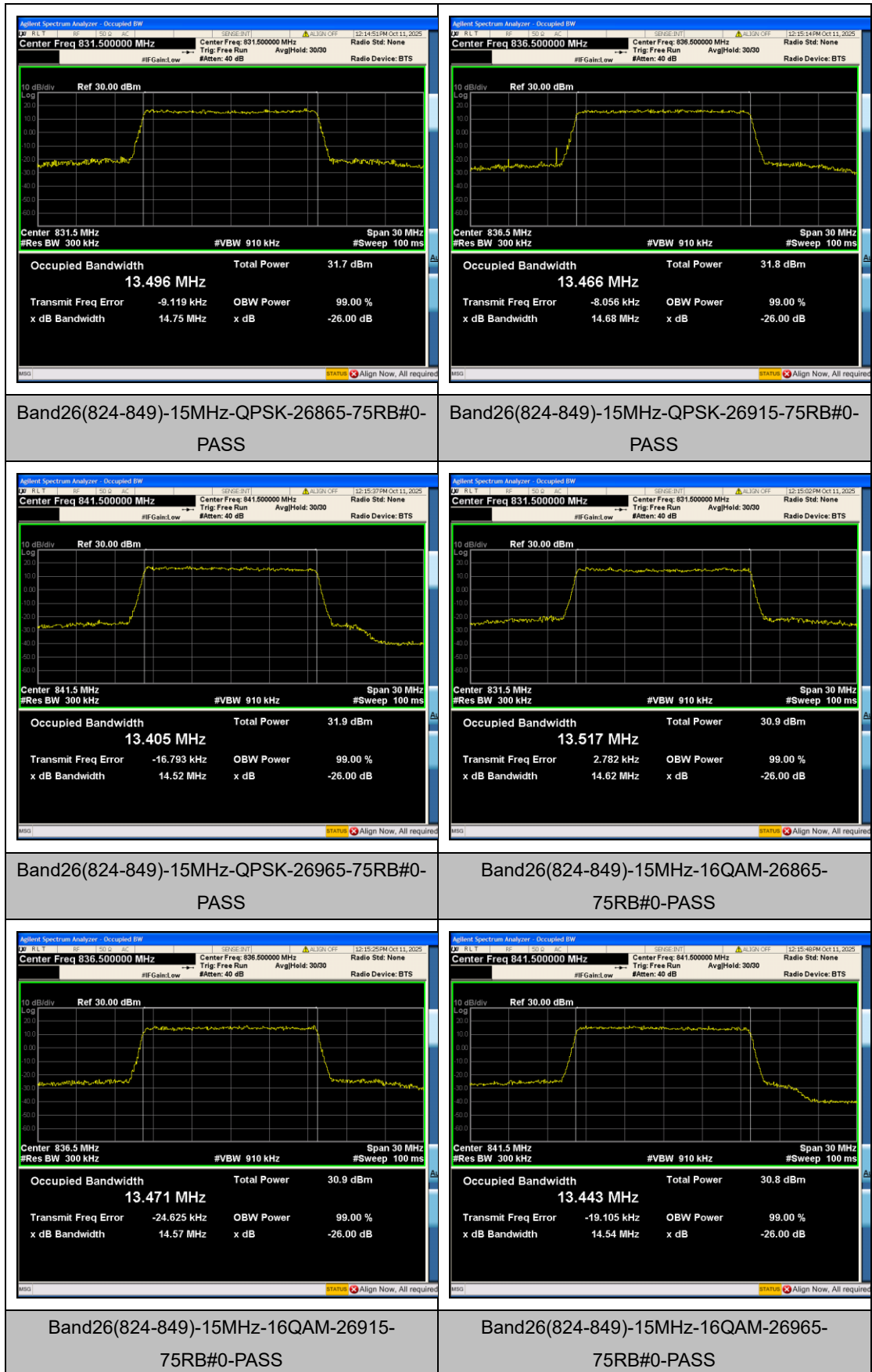
Test Graphs











Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band26(824-849)	1.4MHz	QPSK	26797	6RB#0	-29.81	PASS
Band26(824-849)	1.4MHz	QPSK	27033	6RB#0	-30.83	PASS
Band26(824-849)	1.4MHz	16QAM	26797	6RB#0	-31.21	PASS
Band26(824-849)	1.4MHz	16QAM	27033	6RB#0	-31.60	PASS
Band26(824-849)	3MHz	QPSK	26805	15RB#0	-34.08	PASS
Band26(824-849)	3MHz	QPSK	27025	15RB#0	-37.40	PASS
Band26(824-849)	3MHz	16QAM	26805	15RB#0	-36.78	PASS
Band26(824-849)	3MHz	16QAM	27025	15RB#0	-38.76	PASS
Band26(824-849)	5MHz	QPSK	26815	25RB#0	-34.32	PASS
Band26(824-849)	5MHz	QPSK	27015	25RB#0	-38.21	PASS
Band26(824-849)	5MHz	16QAM	26815	25RB#0	-36.31	PASS
Band26(824-849)	5MHz	16QAM	27015	25RB#0	-38.69	PASS
Band26(824-849)	10MHz	QPSK	26840	50RB#0	-36.85	PASS
Band26(824-849)	10MHz	QPSK	26990	50RB#0	-40.83	PASS
Band26(824-849)	10MHz	16QAM	26840	50RB#0	-38.79	PASS
Band26(824-849)	10MHz	16QAM	26990	50RB#0	-41.56	PASS
Band26(824-849)	15MHz	QPSK	26865	75RB#0	-38.56	PASS
Band26(824-849)	15MHz	QPSK	26965	75RB#0	-40.67	PASS
Band26(824-849)	15MHz	16QAM	26865	75RB#0	-39.53	PASS

849)						
Band26(824-849)	15MHz	16QAM	26965	75RB#0	-40.86	PASS

Test Graphs

