

FCC Appendix RF Test Data for LTE Band 26

FCC ID : 2AU4T-TH11

Company : Shanghai TUGE Data Technologies Co., Ltd.

EUT : MobileHub

Model Number : TH11

Report No. : CTA26071403110
CTA26071403111

Reviewed By : Eric Wang

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

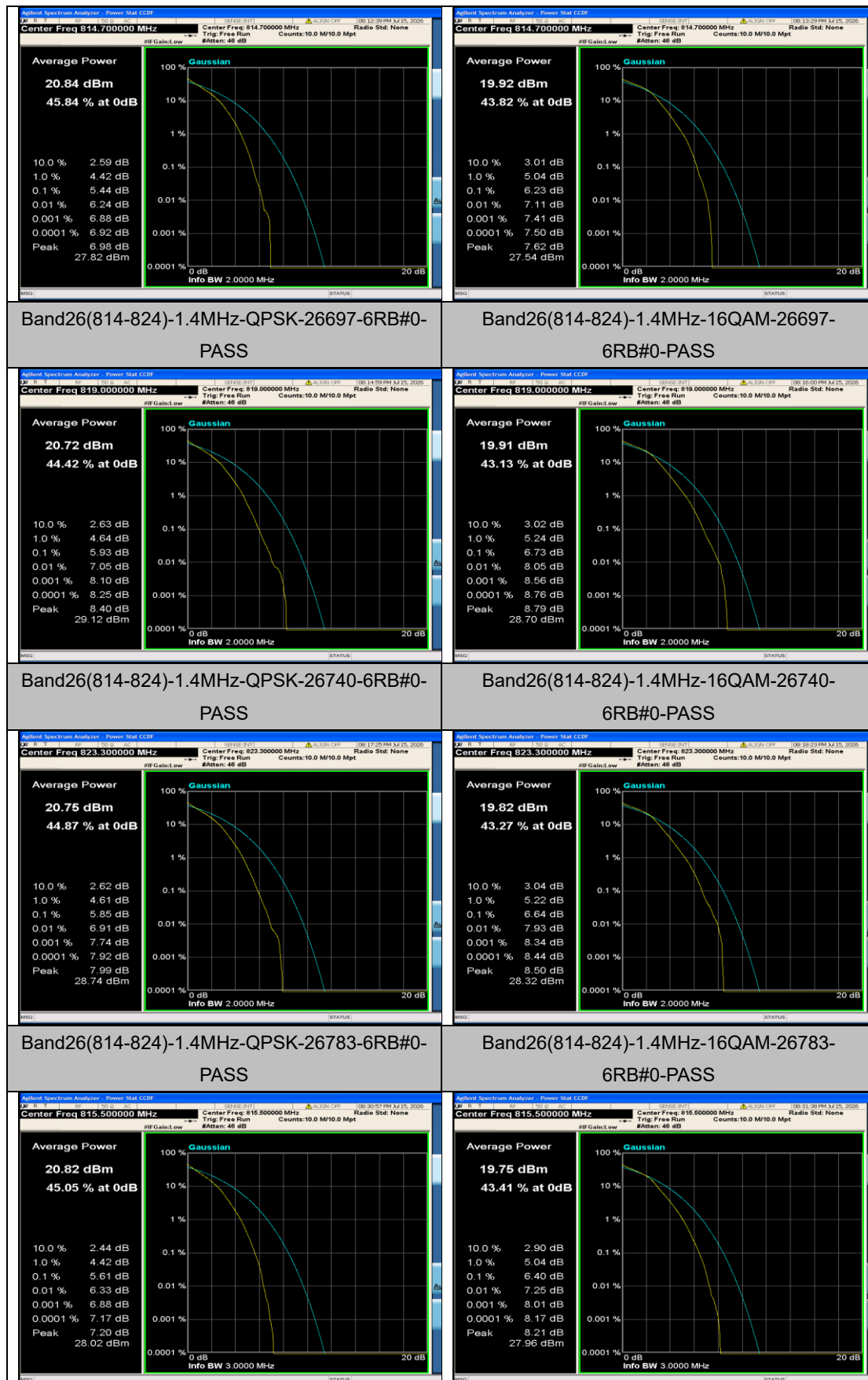
Test Result

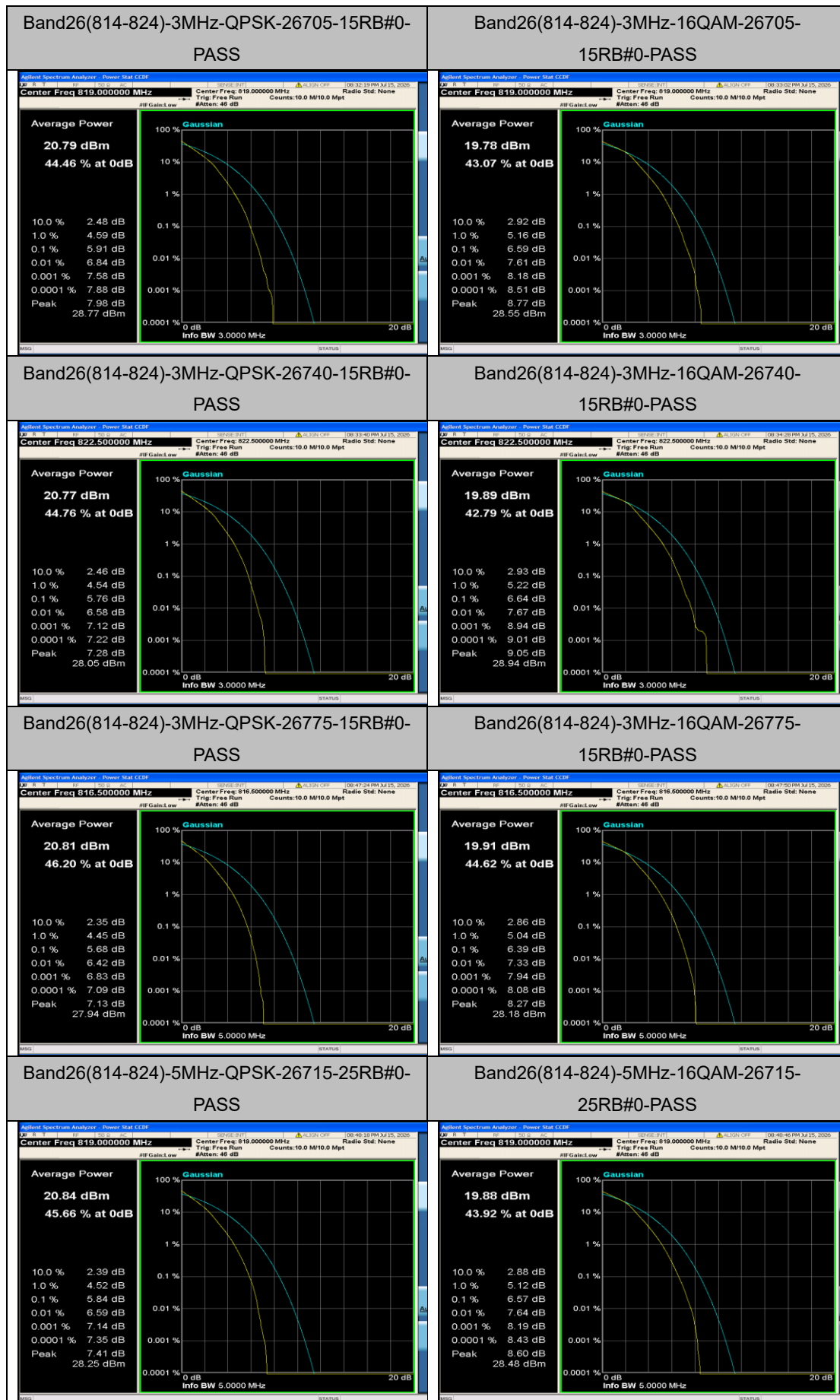
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	5.44	13	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	6.23	13	PASS
Band26(814-824)	1.4MHz	QPSK	26740	6RB#0	5.93	13	PASS
Band26(814-824)	1.4MHz	16QAM	26740	6RB#0	6.73	13	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	5.85	13	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	6.64	13	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	5.61	13	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	6.40	13	PASS
Band26(814-824)	3MHz	QPSK	26740	15RB#0	5.91	13	PASS
Band26(814-824)	3MHz	16QAM	26740	15RB#0	6.59	13	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	5.76	13	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	6.64	13	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	5.68	13	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	6.39	13	PASS
Band26(814-824)	5MHz	QPSK	26740	25RB#0	5.84	13	PASS
Band26(814-824)	5MHz	16QAM	26740	25RB#0	6.57	13	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	5.93	13	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	6.63	13	PASS
Band26(814-824)	10MHz	QPSK	26740	50RB#0	5.82	13	PASS

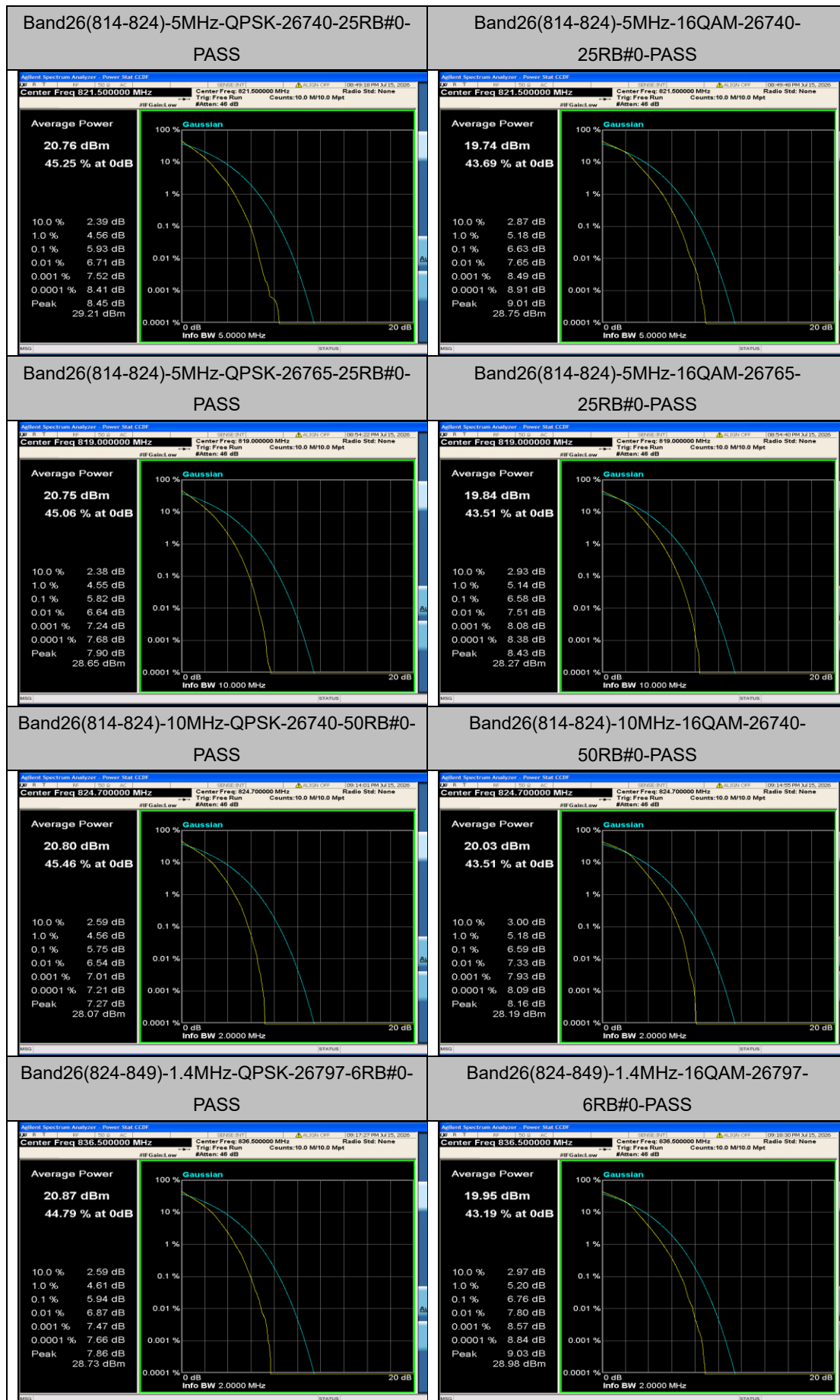
824)							
Band26(814-824)	10MHz	16QAM	26740	50RB#0	6.58	13	PASS
Band26(824-849)	1.4MHz	QPSK	26797	6RB#0	5.75	13	PASS
Band26(824-849)	1.4MHz	16QAM	26797	6RB#0	6.59	13	PASS
Band26(824-849)	1.4MHz	QPSK	26915	6RB#0	5.94	13	PASS
Band26(824-849)	1.4MHz	16QAM	26915	6RB#0	6.76	13	PASS
Band26(824-849)	1.4MHz	QPSK	27033	6RB#0	5.88	13	PASS
Band26(824-849)	1.4MHz	16QAM	27033	6RB#0	6.75	13	PASS
Band26(824-849)	3MHz	QPSK	26805	15RB#0	5.70	13	PASS
Band26(824-849)	3MHz	16QAM	26805	15RB#0	6.45	13	PASS
Band26(824-849)	3MHz	QPSK	26915	15RB#0	5.84	13	PASS
Band26(824-849)	3MHz	16QAM	26915	15RB#0	6.61	13	PASS
Band26(824-849)	3MHz	QPSK	27025	15RB#0	5.69	13	PASS
Band26(824-849)	3MHz	16QAM	27025	15RB#0	6.55	13	PASS
Band26(824-849)	5MHz	QPSK	26815	25RB#0	5.62	13	PASS
Band26(824-849)	5MHz	16QAM	26815	25RB#0	6.32	13	PASS
Band26(824-849)	5MHz	QPSK	26915	25RB#0	5.83	13	PASS
Band26(824-849)	5MHz	16QAM	26915	25RB#0	6.52	13	PASS
Band26(824-849)	5MHz	QPSK	27015	25RB#0	5.68	13	PASS
Band26(824-849)	5MHz	16QAM	27015	25RB#0	6.44	13	PASS
Band26(824-849)	10MHz	QPSK	26840	50RB#0	5.57	13	PASS
Band26(824-849)	10MHz	16QAM	26840	50RB#0	6.32	13	PASS

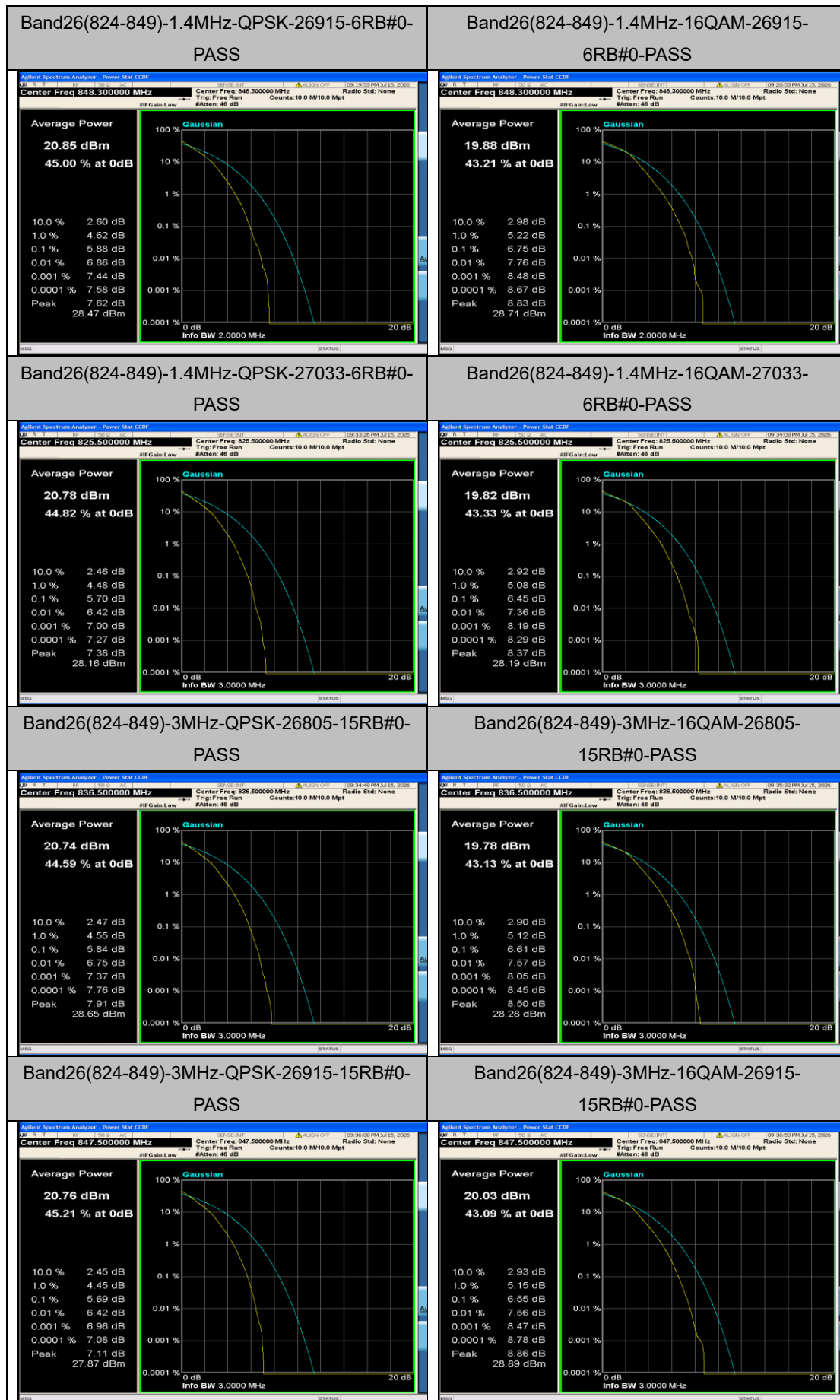
Band26(824-849)	10MHz	QPSK	26915	50RB#0	5.84	13	PASS
Band26(824-849)	10MHz	16QAM	26915	50RB#0	6.60	13	PASS
Band26(824-849)	10MHz	QPSK	26990	50RB#0	5.77	13	PASS
Band26(824-849)	10MHz	16QAM	26990	50RB#0	6.49	13	PASS
Band26(824-849)	15MHz	QPSK	26865	75RB#0	5.91	13	PASS
Band26(824-849)	15MHz	16QAM	26865	75RB#0	6.41	13	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	6.12	13	PASS
Band26(824-849)	15MHz	16QAM	26915	75RB#0	6.58	13	PASS
Band26(824-849)	15MHz	QPSK	26965	75RB#0	6.17	13	PASS
Band26(824-849)	15MHz	16QAM	26965	75RB#0	6.67	13	PASS

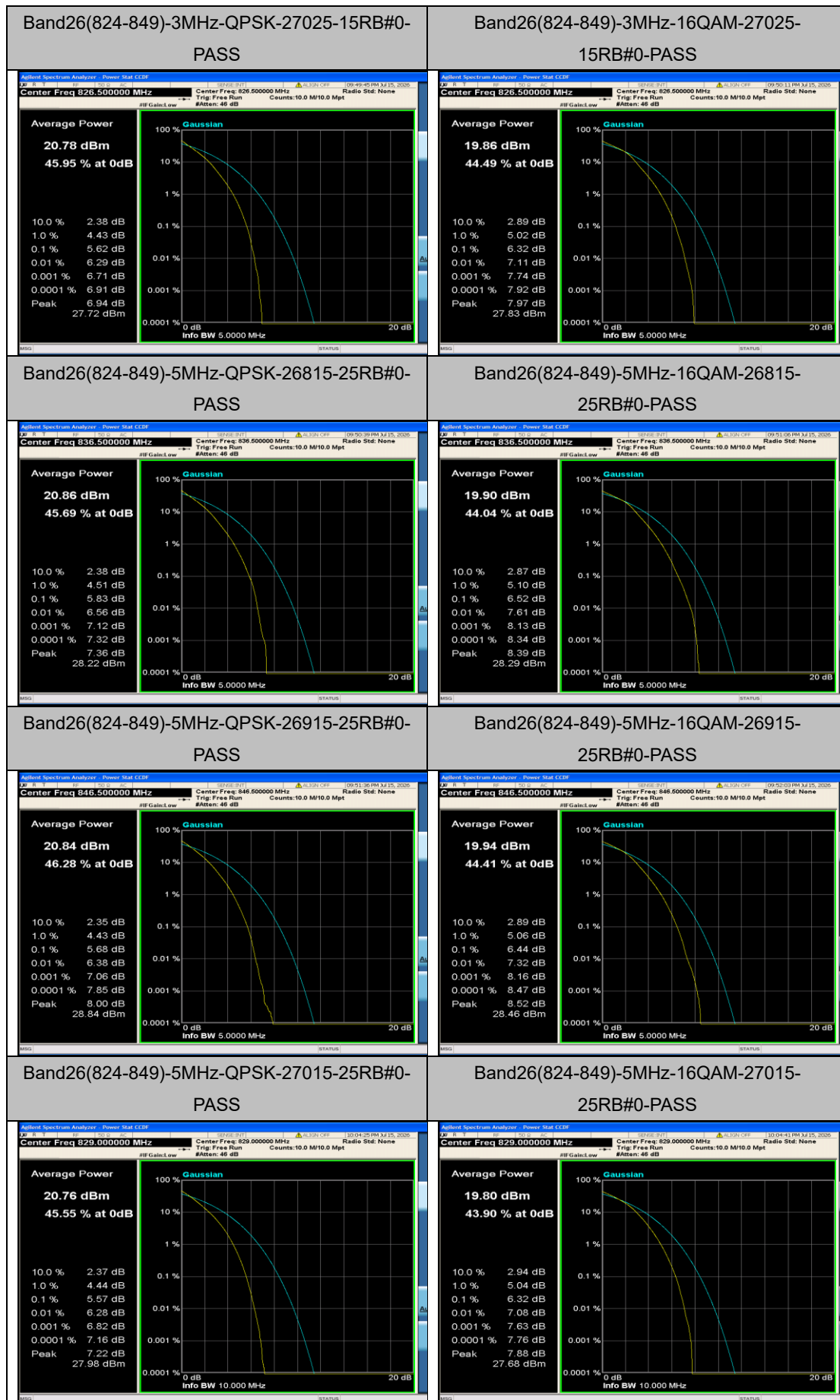
Test Graphs

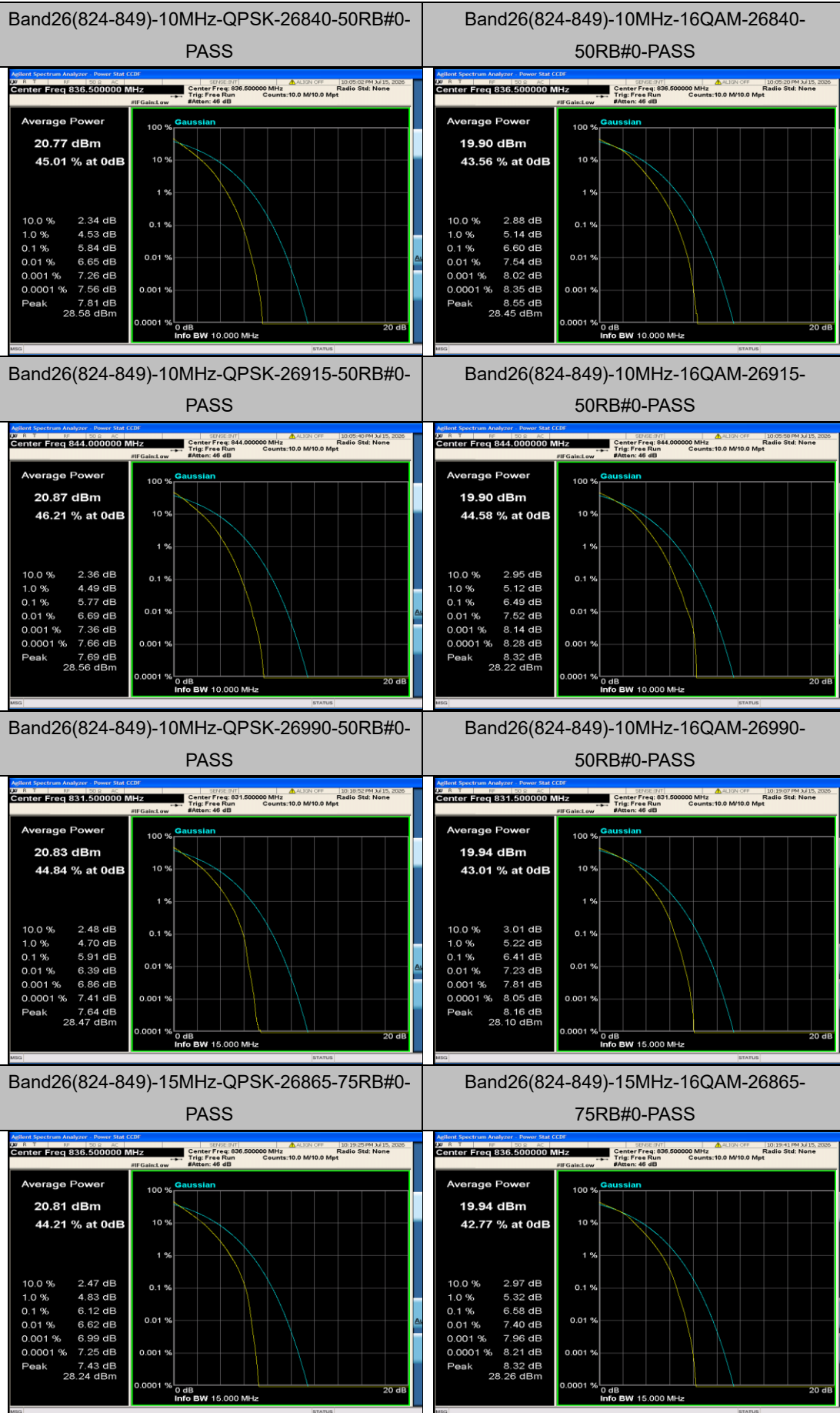


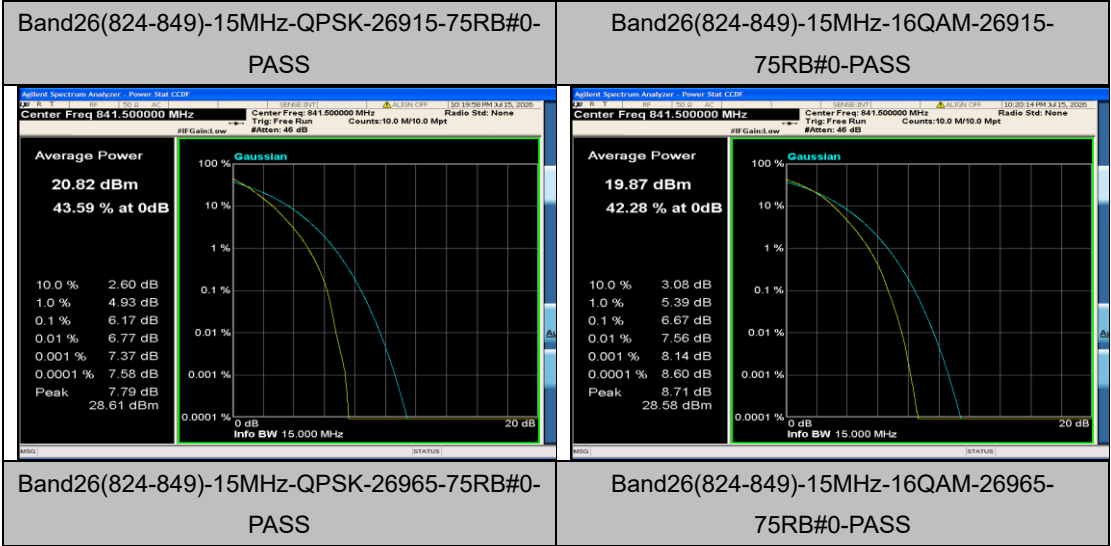












Appendix C: 26dB Bandwidth and Occupied Bandwidth

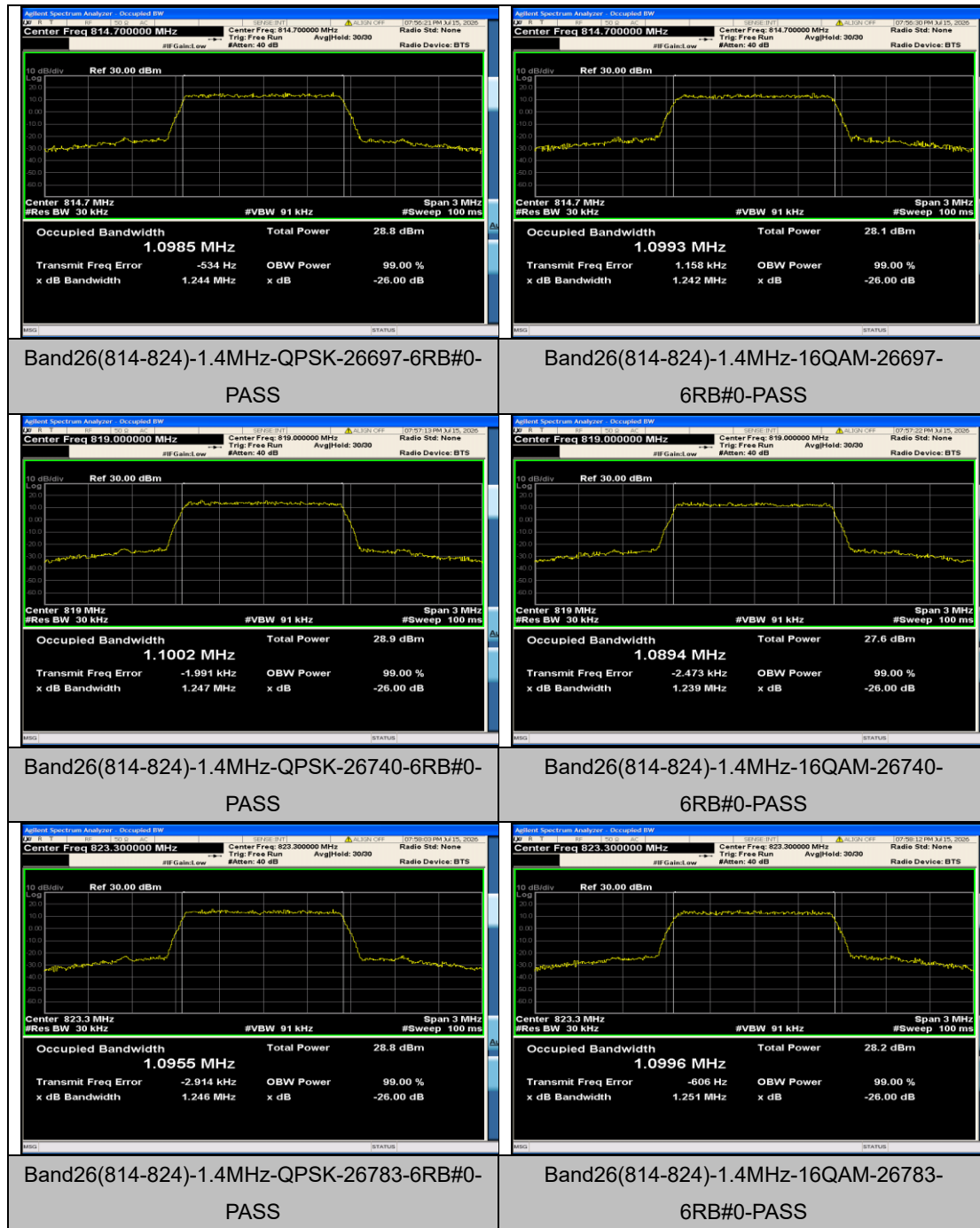
Test Result

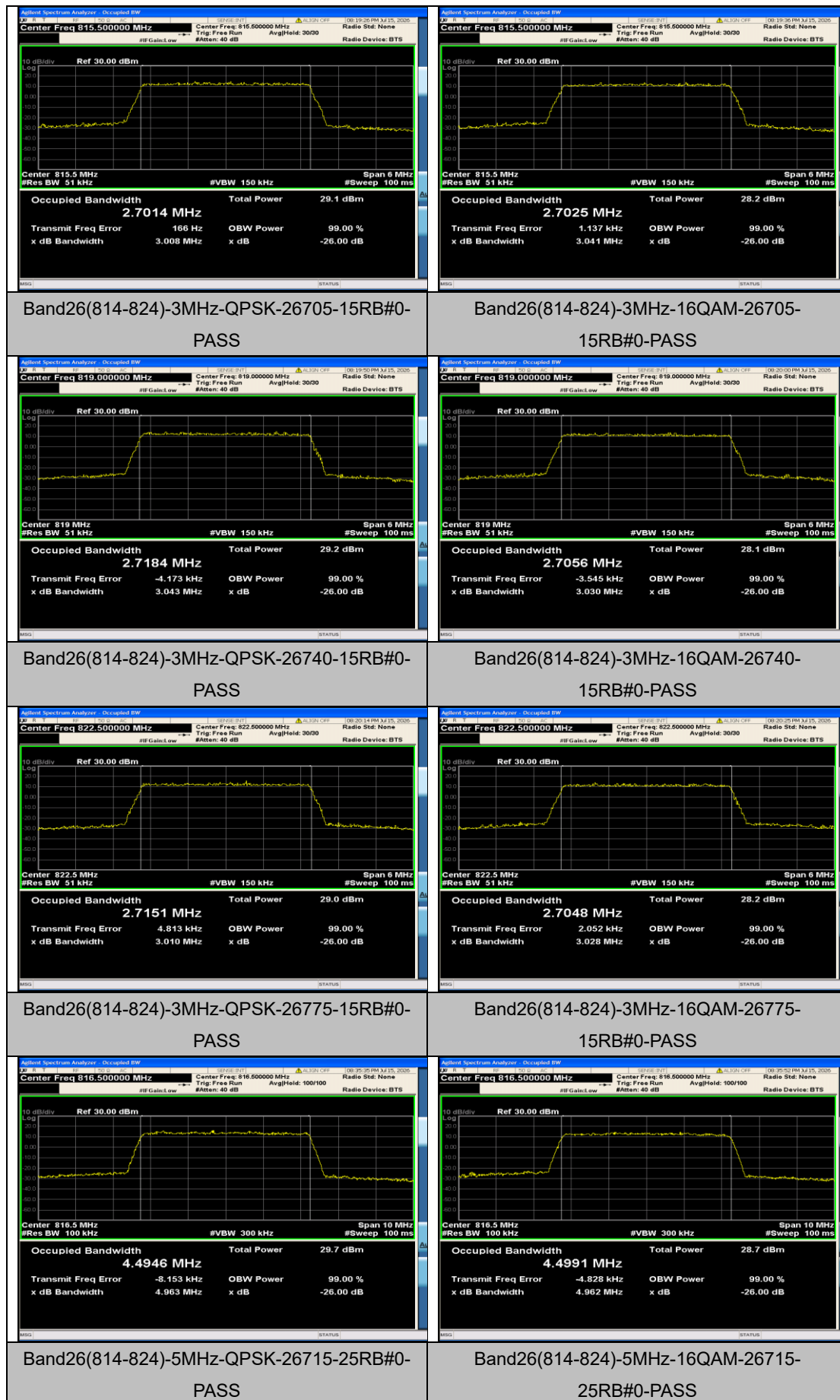
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	1.0985	1.244	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	1.0993	1.242	PASS
Band26(814-824)	1.4MHz	QPSK	26740	6RB#0	1.1002	1.247	PASS
Band26(814-824)	1.4MHz	16QAM	26740	6RB#0	1.0894	1.239	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	1.0955	1.246	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	1.0996	1.251	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	2.7014	3.008	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	2.7025	3.041	PASS
Band26(814-824)	3MHz	QPSK	26740	15RB#0	2.7184	3.043	PASS
Band26(814-824)	3MHz	16QAM	26740	15RB#0	2.7056	3.030	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	2.7151	3.010	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	2.7048	3.028	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	4.4946	4.963	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	4.4991	4.962	PASS
Band26(814-824)	5MHz	QPSK	26740	25RB#0	4.5124	4.996	PASS
Band26(814-824)	5MHz	16QAM	26740	25RB#0	4.5290	4.996	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	4.5090	4.983	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	4.5066	4.960	PASS

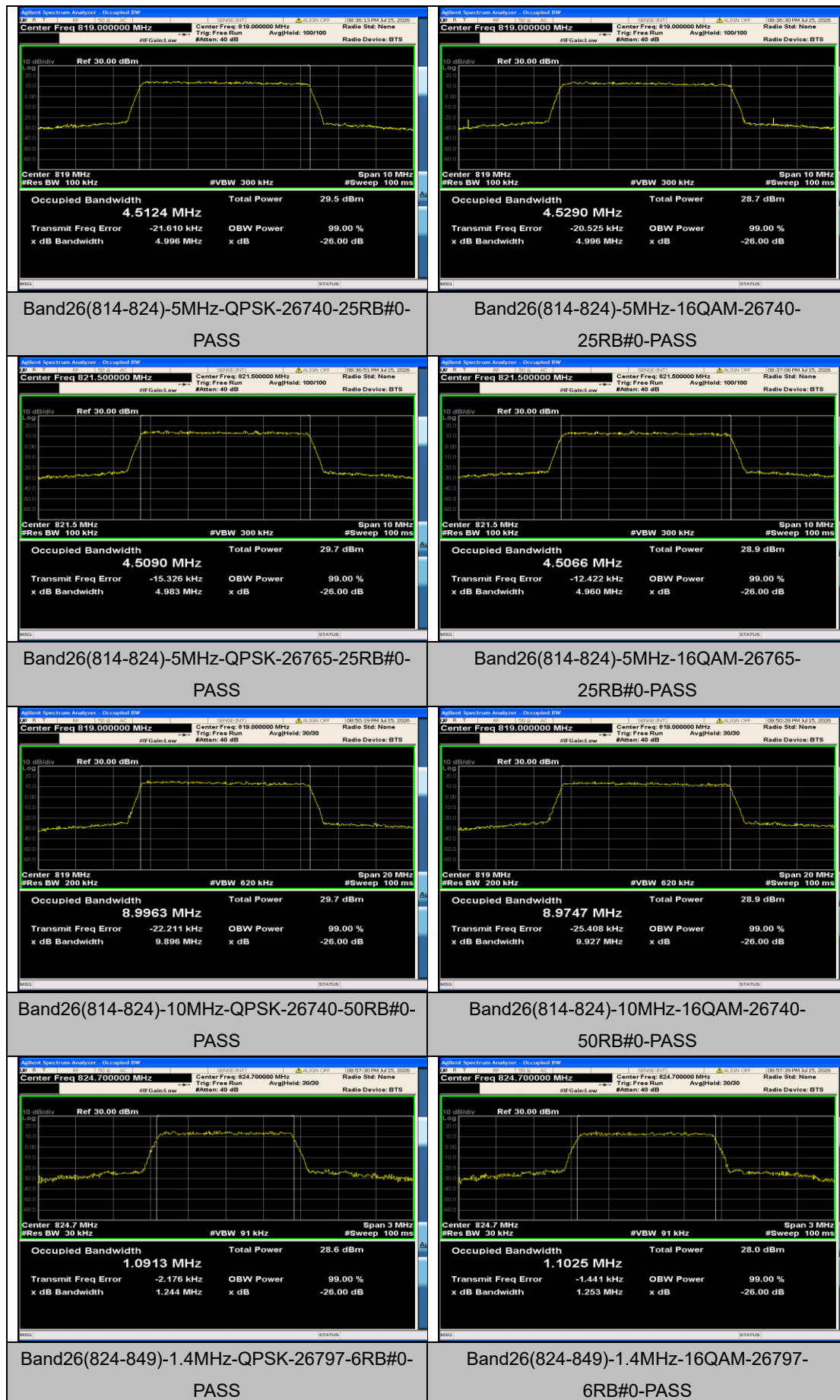
824)							
Band26(814-824)	10MHz	QPSK	26740	50RB#0	8.9963	9.896	PASS
Band26(814-824)	10MHz	16QAM	26740	50RB#0	8.9747	9.927	PASS
Band26(824-849)	1.4MHz	QPSK	26797	6RB#0	1.0913	1.244	PASS
Band26(824-849)	1.4MHz	16QAM	26797	6RB#0	1.1025	1.253	PASS
Band26(824-849)	1.4MHz	QPSK	26915	6RB#0	1.0890	1.245	PASS
Band26(824-849)	1.4MHz	16QAM	26915	6RB#0	1.1015	1.250	PASS
Band26(824-849)	1.4MHz	QPSK	27033	6RB#0	1.0993	1.243	PASS
Band26(824-849)	1.4MHz	16QAM	27033	6RB#0	1.0908	1.240	PASS
Band26(824-849)	3MHz	QPSK	26805	15RB#0	2.7027	3.026	PASS
Band26(824-849)	3MHz	16QAM	26805	15RB#0	2.7084	3.024	PASS
Band26(824-849)	3MHz	QPSK	26915	15RB#0	2.7085	3.037	PASS
Band26(824-849)	3MHz	16QAM	26915	15RB#0	2.7014	3.030	PASS
Band26(824-849)	3MHz	QPSK	27025	15RB#0	2.7091	3.022	PASS
Band26(824-849)	3MHz	16QAM	27025	15RB#0	2.6938	3.021	PASS
Band26(824-849)	5MHz	QPSK	26815	25RB#0	4.5020	4.969	PASS
Band26(824-849)	5MHz	16QAM	26815	25RB#0	4.5165	4.970	PASS
Band26(824-849)	5MHz	QPSK	26915	25RB#0	4.5138	5.000	PASS
Band26(824-849)	5MHz	16QAM	26915	25RB#0	4.5324	4.999	PASS
Band26(824-849)	5MHz	QPSK	27015	25RB#0	4.4971	4.954	PASS
Band26(824-849)	5MHz	16QAM	27015	25RB#0	4.4848	4.931	PASS
Band26(824-849)	10MHz	QPSK	26840	50RB#0	9.0070	9.905	PASS

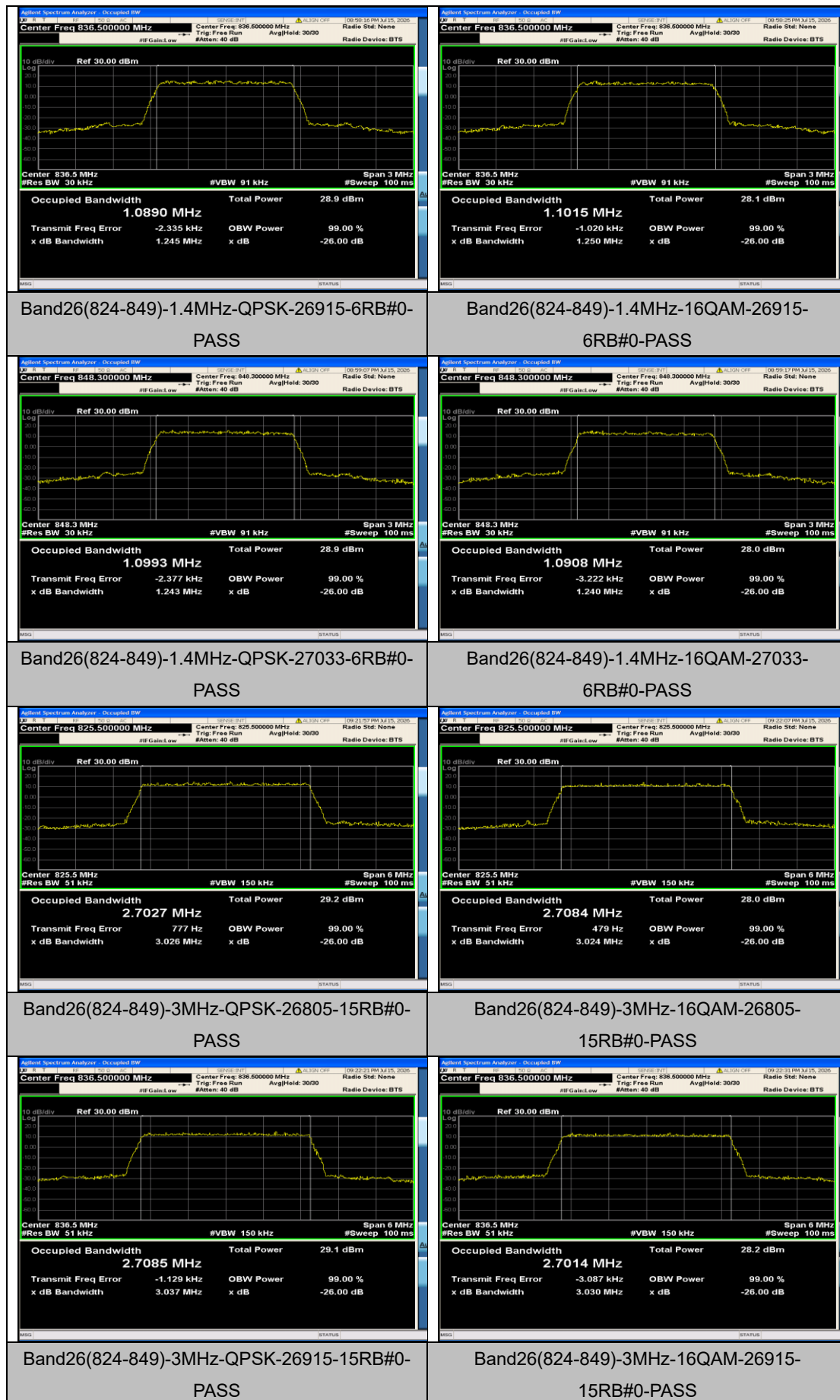
Band26(824-849)	10MHz	16QAM	26840	50RB#0	8.9904	9.910	PASS
Band26(824-849)	10MHz	QPSK	26915	50RB#0	8.9606	9.851	PASS
Band26(824-849)	10MHz	16QAM	26915	50RB#0	9.0083	9.931	PASS
Band26(824-849)	10MHz	QPSK	26990	50RB#0	8.9696	9.831	PASS
Band26(824-849)	10MHz	16QAM	26990	50RB#0	8.9621	9.897	PASS
Band26(824-849)	15MHz	QPSK	26865	75RB#0	13.447	14.94	PASS
Band26(824-849)	15MHz	16QAM	26865	75RB#0	13.465	14.88	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	13.447	14.90	PASS
Band26(824-849)	15MHz	16QAM	26915	75RB#0	13.508	14.91	PASS
Band26(824-849)	15MHz	QPSK	26965	75RB#0	13.497	14.92	PASS
Band26(824-849)	15MHz	16QAM	26965	75RB#0	13.491	14.82	PASS

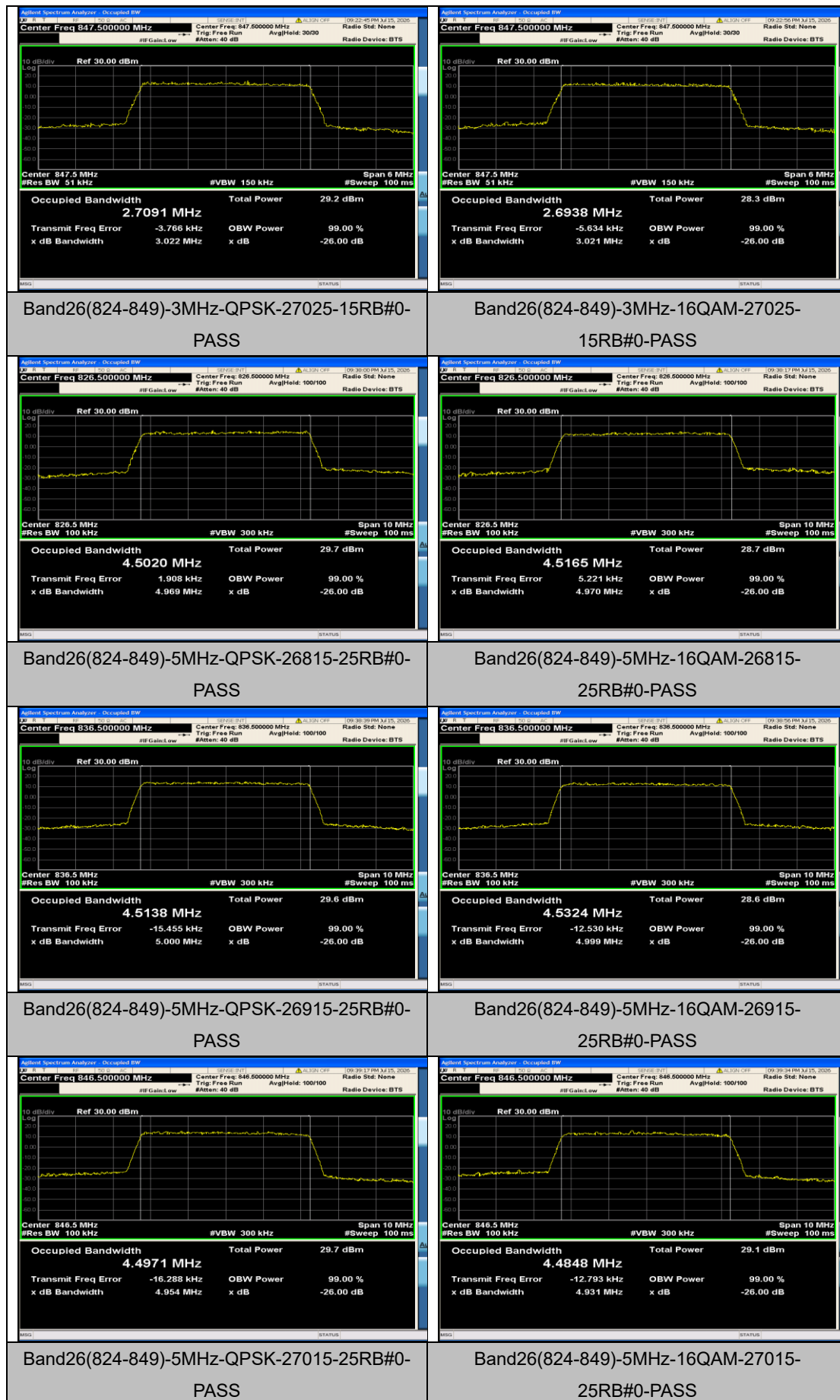
Test Graphs

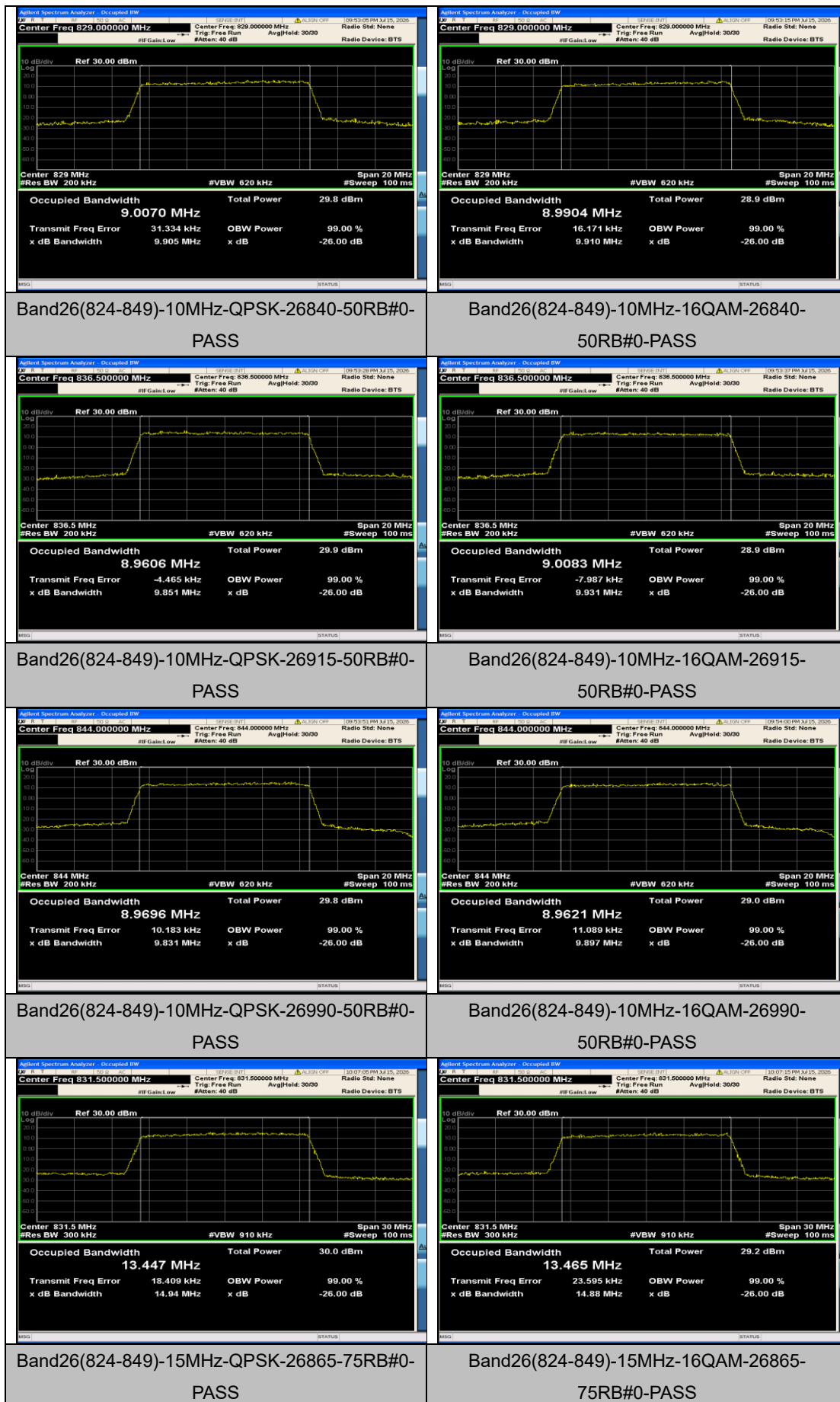


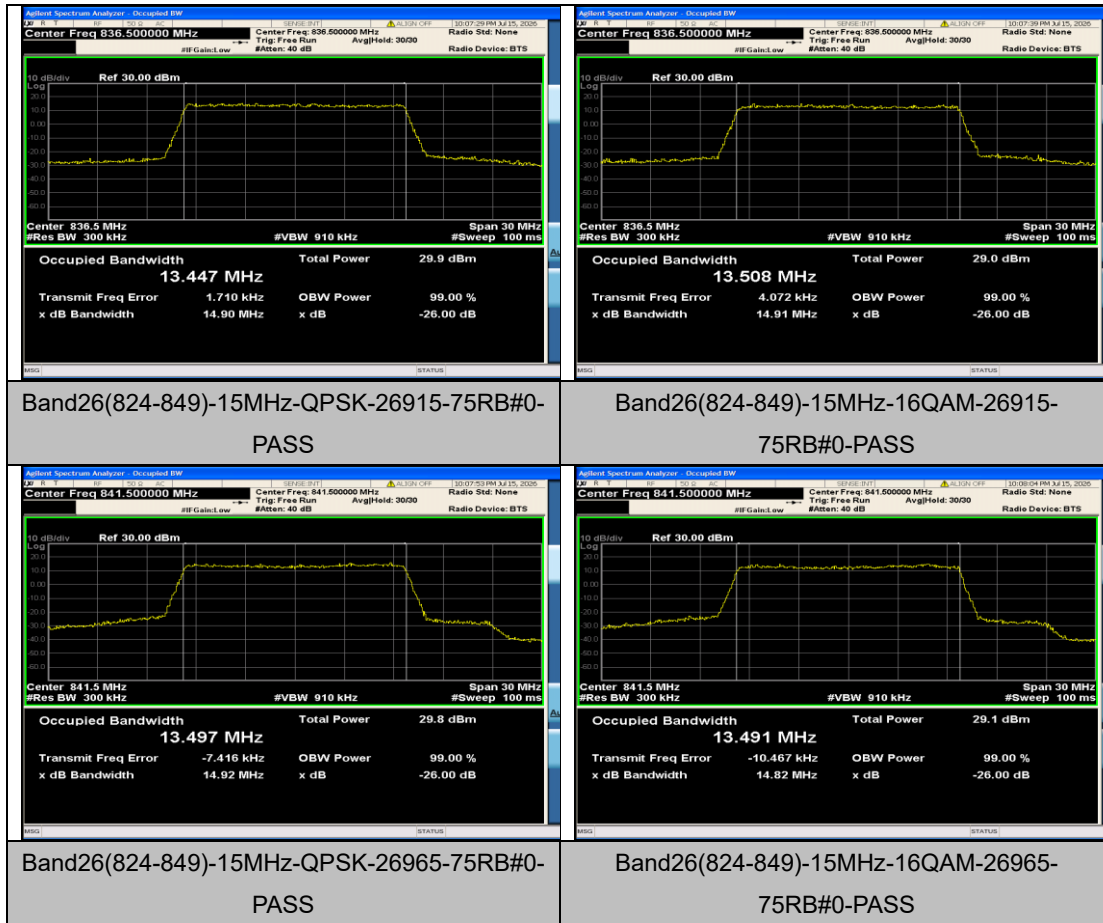












Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	-29.37	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	-30.02	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	-30.87	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	-30.33	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	-29.86	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	-31.04	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	-31.24	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	-37.68	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	-34.82	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	-35.98	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	-34.84	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	-35.28	PASS
Band26(814-824)	10MHz	QPSK	26740	50RB#0	-37.99	PASS
Band26(814-824)	10MHz	16QAM	26740	50RB#0	-38.68	PASS
Band26(824-849)	1.4MHz	QPSK	26797	6RB#0	-32.32	PASS
Band26(824-849)	1.4MHz	16QAM	26797	6RB#0	-33.17	PASS
Band26(824-849)	1.4MHz	QPSK	27033	6RB#0	-34.55	PASS
Band26(824-849)	1.4MHz	16QAM	27033	6RB#0	-29.36	PASS
Band26(824-849)	3MHz	QPSK	26805	15RB#0	-31.00	PASS

849)						
Band26(824-849)	3MHz	16QAM	26805	15RB#0	-31.24	PASS
Band26(824-849)	3MHz	QPSK	27025	15RB#0	-33.16	PASS
Band26(824-849)	3MHz	16QAM	27025	15RB#0	-33.04	PASS
Band26(824-849)	5MHz	QPSK	26815	25RB#0	-36.29	PASS
Band26(824-849)	5MHz	16QAM	26815	25RB#0	-36.33	PASS
Band26(824-849)	5MHz	QPSK	27015	25RB#0	-38.70	PASS
Band26(824-849)	5MHz	16QAM	27015	25RB#0	-38.95	PASS
Band26(824-849)	10MHz	QPSK	26840	50RB#0	-37.31	PASS
Band26(824-849)	10MHz	16QAM	26840	50RB#0	-38.12	PASS
Band26(824-849)	10MHz	QPSK	26990	50RB#0	-38.39	PASS
Band26(824-849)	10MHz	16QAM	26990	50RB#0	-39.17	PASS
Band26(824-849)	15MHz	QPSK	26865	75RB#0	-37.84	PASS
Band26(824-849)	15MHz	16QAM	26865	75RB#0	-38.30	PASS
Band26(824-849)	15MHz	QPSK	26965	75RB#0	-38.36	PASS
Band26(824-849)	15MHz	16QAM	26965	75RB#0	-38.93	PASS