

FCC LTE Band Test Data

FCC ID : 2BMDZ-Z-VOYAGE

Company: : Advanced Rugged System Co., LTD

EUT : Rugged Tablet

Model Number : Z_Voyage

Reviewed By : Eric Wang

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

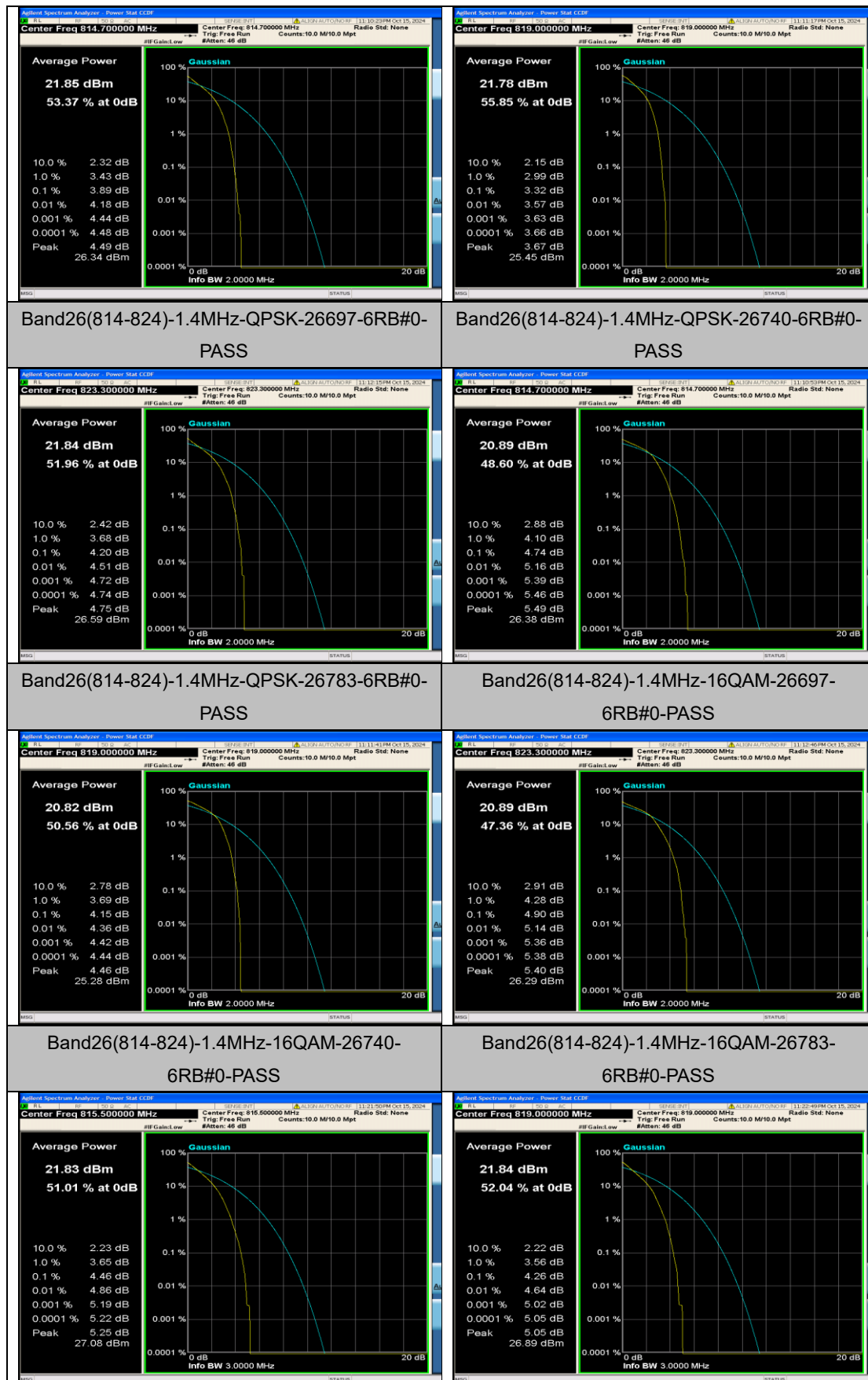
Test Result

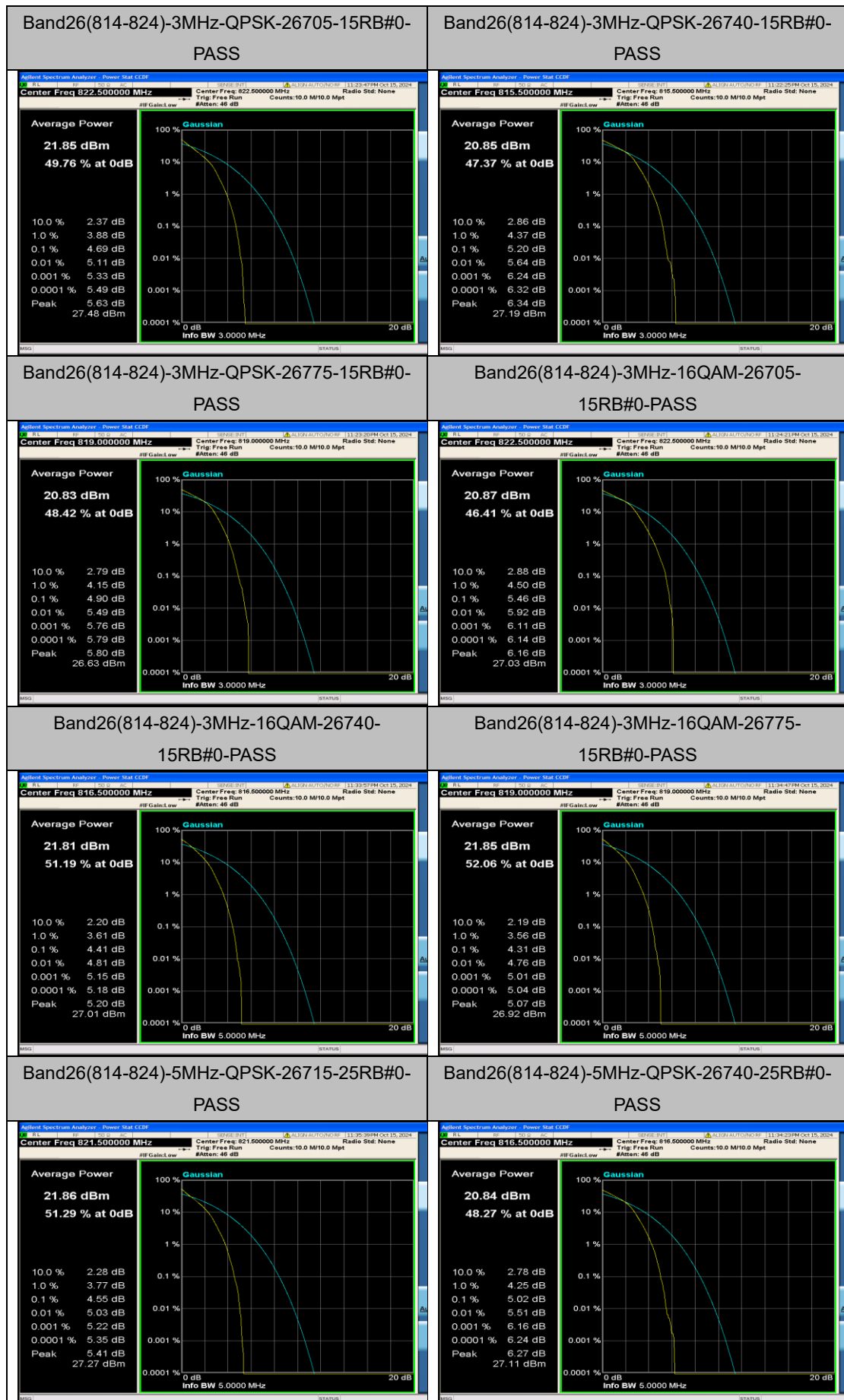
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	3.89	13	PASS
Band26(814-824)	1.4MHz	QPSK	26740	6RB#0	3.32	13	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	4.20	13	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	4.74	13	PASS
Band26(814-824)	1.4MHz	16QAM	26740	6RB#0	4.15	13	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	4.90	13	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	4.46	13	PASS
Band26(814-824)	3MHz	QPSK	26740	15RB#0	4.26	13	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	4.69	13	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	5.20	13	PASS
Band26(814-824)	3MHz	16QAM	26740	15RB#0	4.90	13	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	5.46	13	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	4.41	13	PASS
Band26(814-824)	5MHz	QPSK	26740	25RB#0	4.31	13	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	4.55	13	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	5.02	13	PASS
Band26(814-824)	5MHz	16QAM	26740	25RB#0	4.92	13	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	5.22	13	PASS

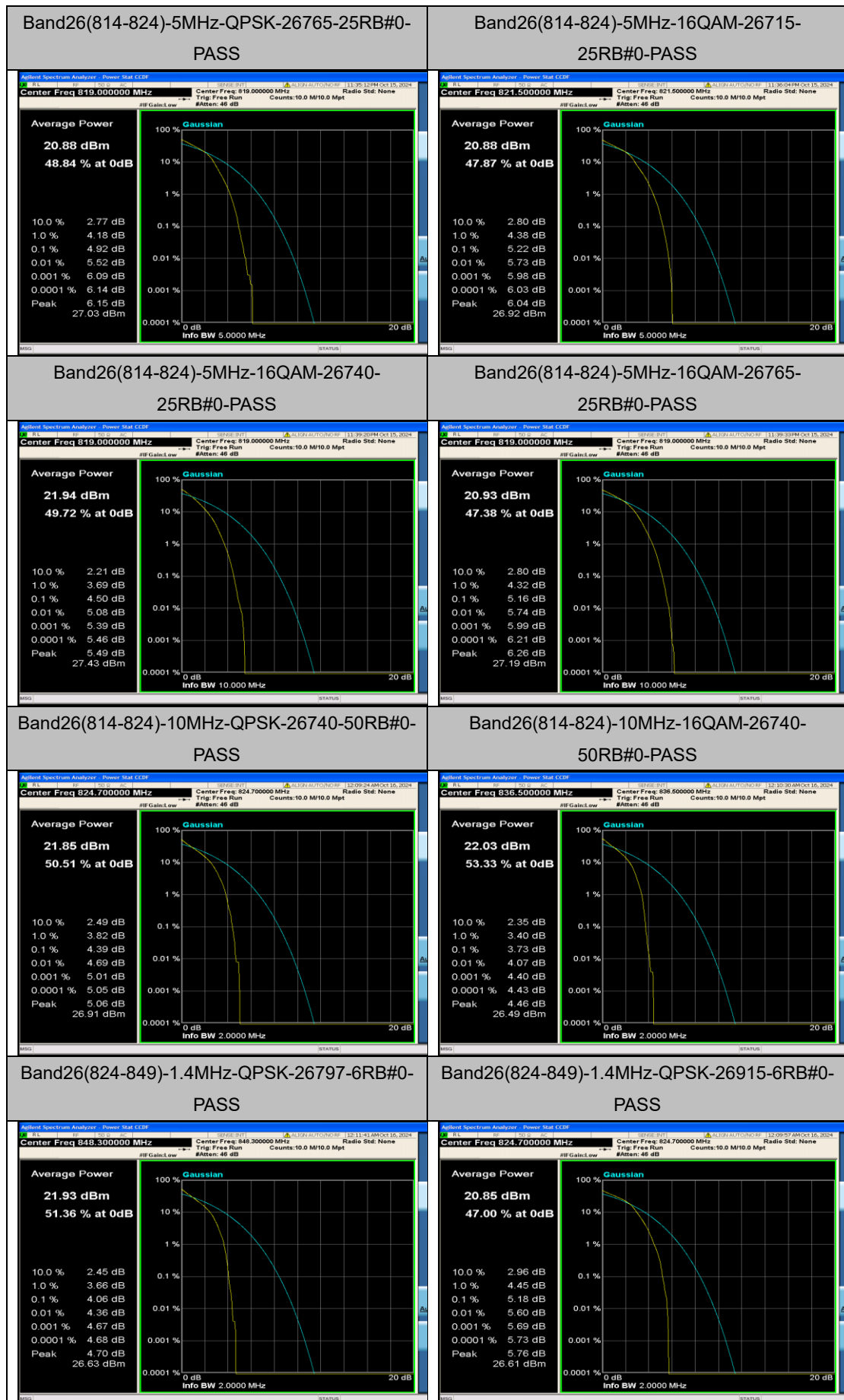
Band26(814-824)	10MHz	QPSK	26740	50RB#0	4.50	13	PASS
Band26(814-824)	10MHz	16QAM	26740	50RB#0	5.16	13	PASS
Band26(824-849)	1.4MHz	QPSK	26797	6RB#0	4.39	13	PASS
Band26(824-849)	1.4MHz	QPSK	26915	6RB#0	3.73	13	PASS
Band26(824-849)	1.4MHz	QPSK	27033	6RB#0	4.06	13	PASS
Band26(824-849)	1.4MHz	16QAM	26797	6RB#0	5.18	13	PASS
Band26(824-849)	1.4MHz	16QAM	26915	6RB#0	4.52	13	PASS
Band26(824-849)	1.4MHz	16QAM	27033	6RB#0	4.88	13	PASS
Band26(824-849)	3MHz	QPSK	26805	15RB#0	4.93	13	PASS
Band26(824-849)	3MHz	QPSK	26915	15RB#0	4.50	13	PASS
Band26(824-849)	3MHz	QPSK	27025	15RB#0	4.77	13	PASS
Band26(824-849)	3MHz	16QAM	26805	15RB#0	5.67	13	PASS
Band26(824-849)	3MHz	16QAM	26915	15RB#0	5.32	13	PASS
Band26(824-849)	3MHz	16QAM	27025	15RB#0	5.59	13	PASS
Band26(824-849)	5MHz	QPSK	26815	25RB#0	5.01	13	PASS
Band26(824-849)	5MHz	QPSK	26915	25RB#0	4.57	13	PASS
Band26(824-849)	5MHz	QPSK	27015	25RB#0	4.92	13	PASS
Band26(824-849)	5MHz	16QAM	26815	25RB#0	5.77	13	PASS
Band26(824-849)	5MHz	16QAM	26915	25RB#0	5.26	13	PASS
Band26(824-849)	5MHz	16QAM	27015	25RB#0	5.67	13	PASS
Band26(824-849)	10MHz	QPSK	26840	50RB#0	4.82	13	PASS
Band26(824-849)	10MHz	QPSK	26915	50RB#0	4.65	13	PASS

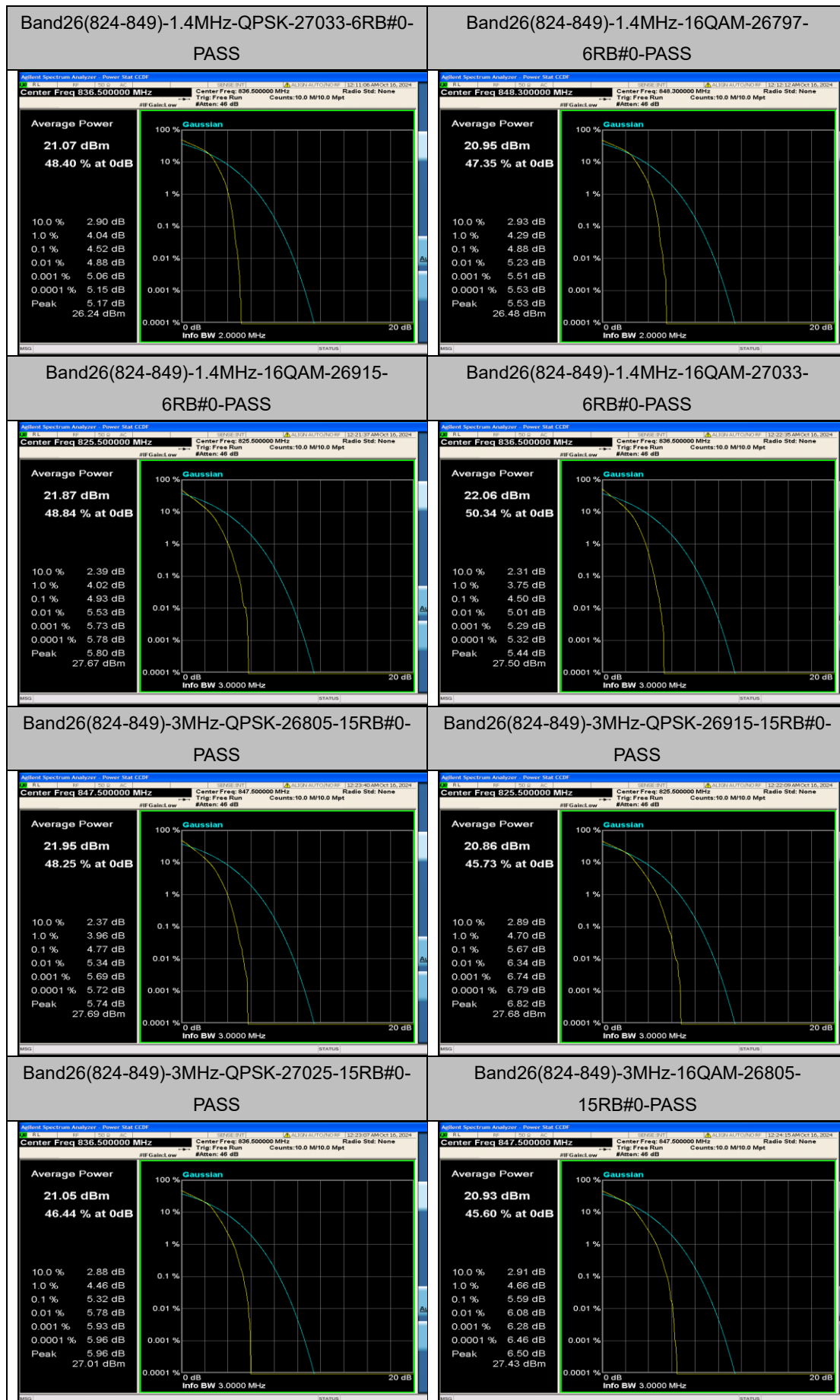
Band26(824-849)	10MHz	QPSK	26990	50RB#0	4.92	13	PASS
Band26(824-849)	10MHz	16QAM	26840	50RB#0	5.60	13	PASS
Band26(824-849)	10MHz	16QAM	26915	50RB#0	5.37	13	PASS
Band26(824-849)	10MHz	16QAM	26990	50RB#0	5.77	13	PASS
Band26(824-849)	15MHz	QPSK	26865	75RB#0	4.88	13	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	5.19	13	PASS
Band26(824-849)	15MHz	QPSK	26965	75RB#0	5.05	13	PASS
Band26(824-849)	15MHz	16QAM	26865	75RB#0	5.52	13	PASS
Band26(824-849)	15MHz	16QAM	26915	75RB#0	5.77	13	PASS
Band26(824-849)	15MHz	16QAM	26965	75RB#0	5.75	13	PASS

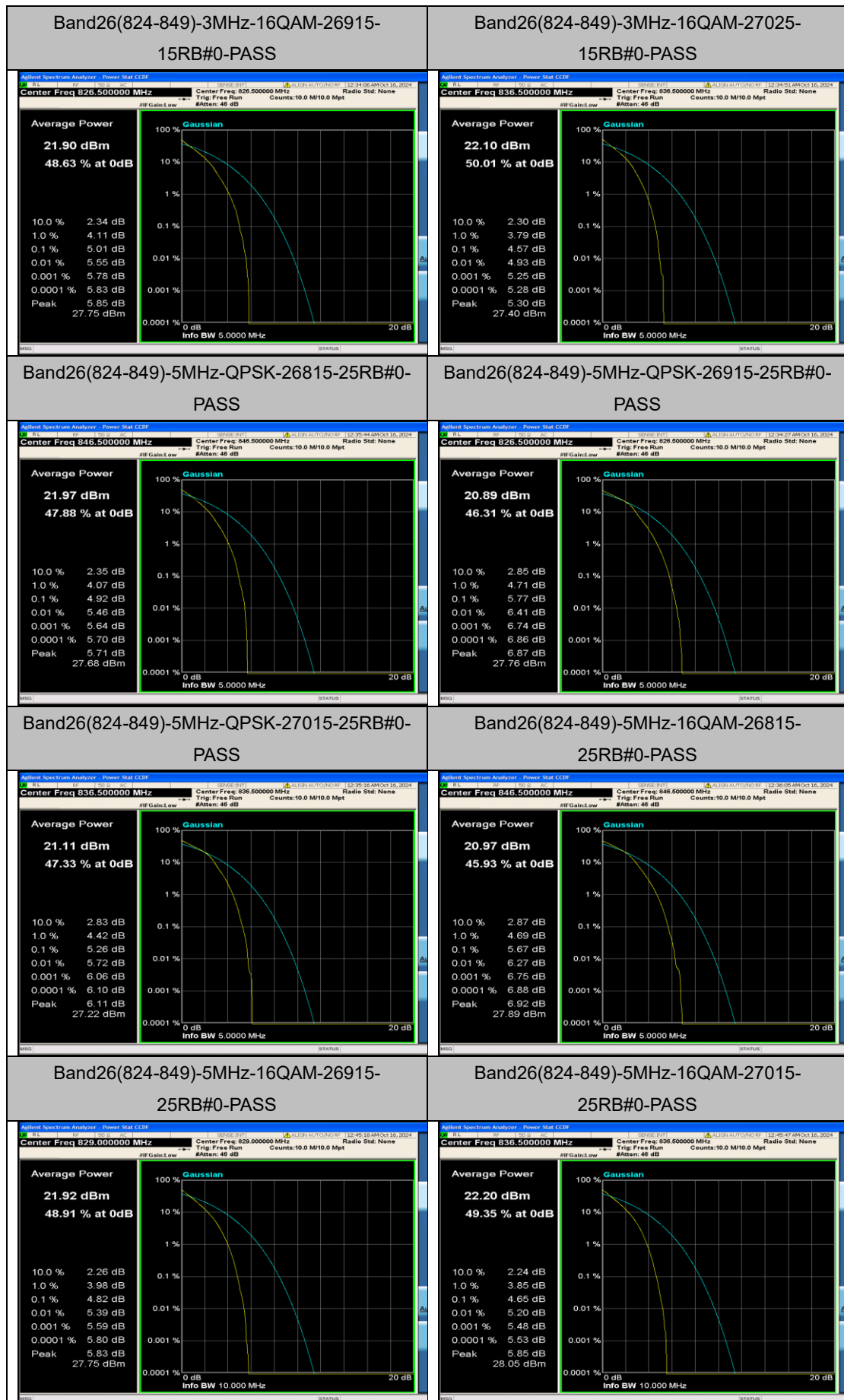
Test Graphs

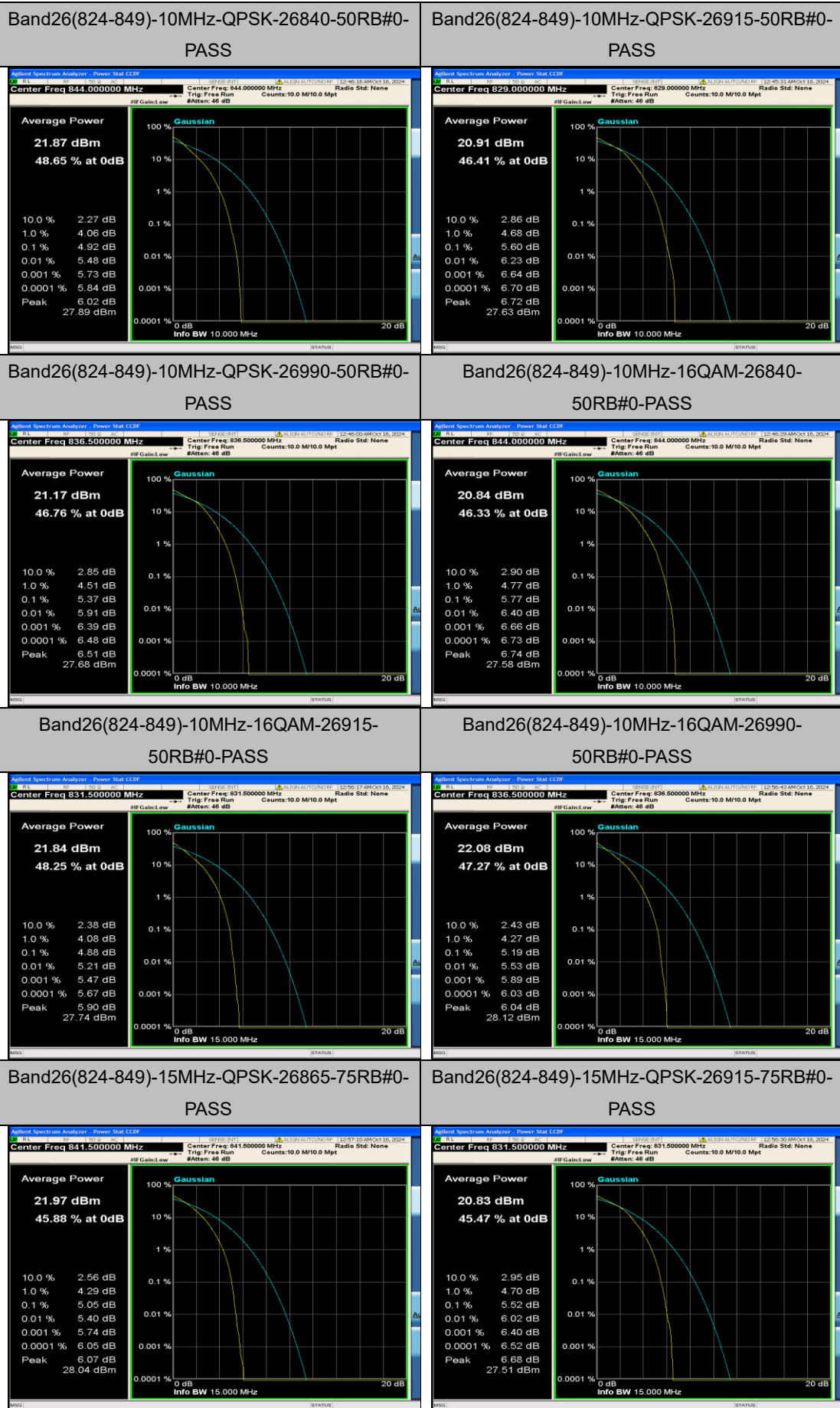


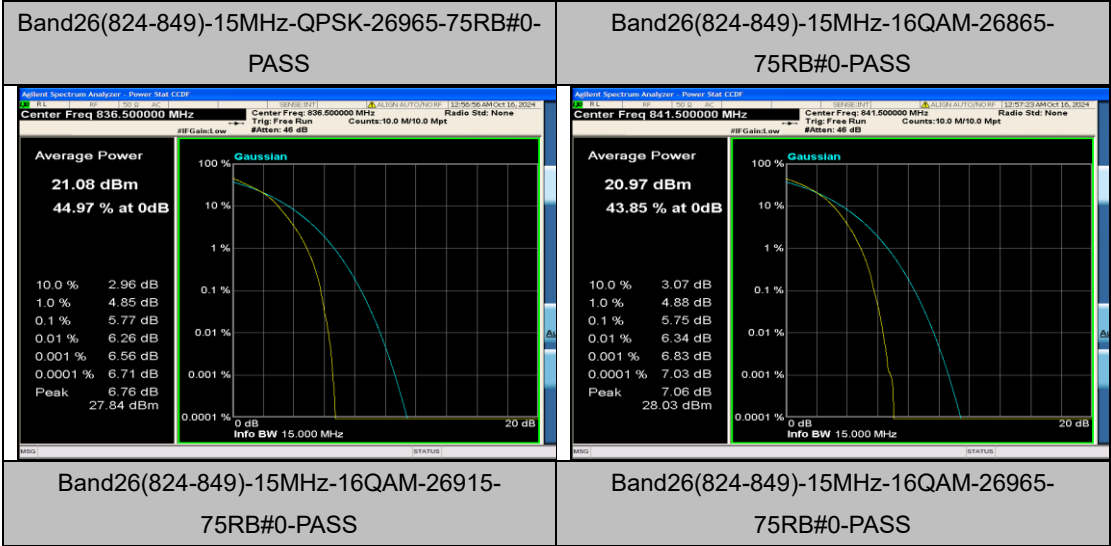












Appendix C: 26dB Bandwidth and Occupied Bandwidth

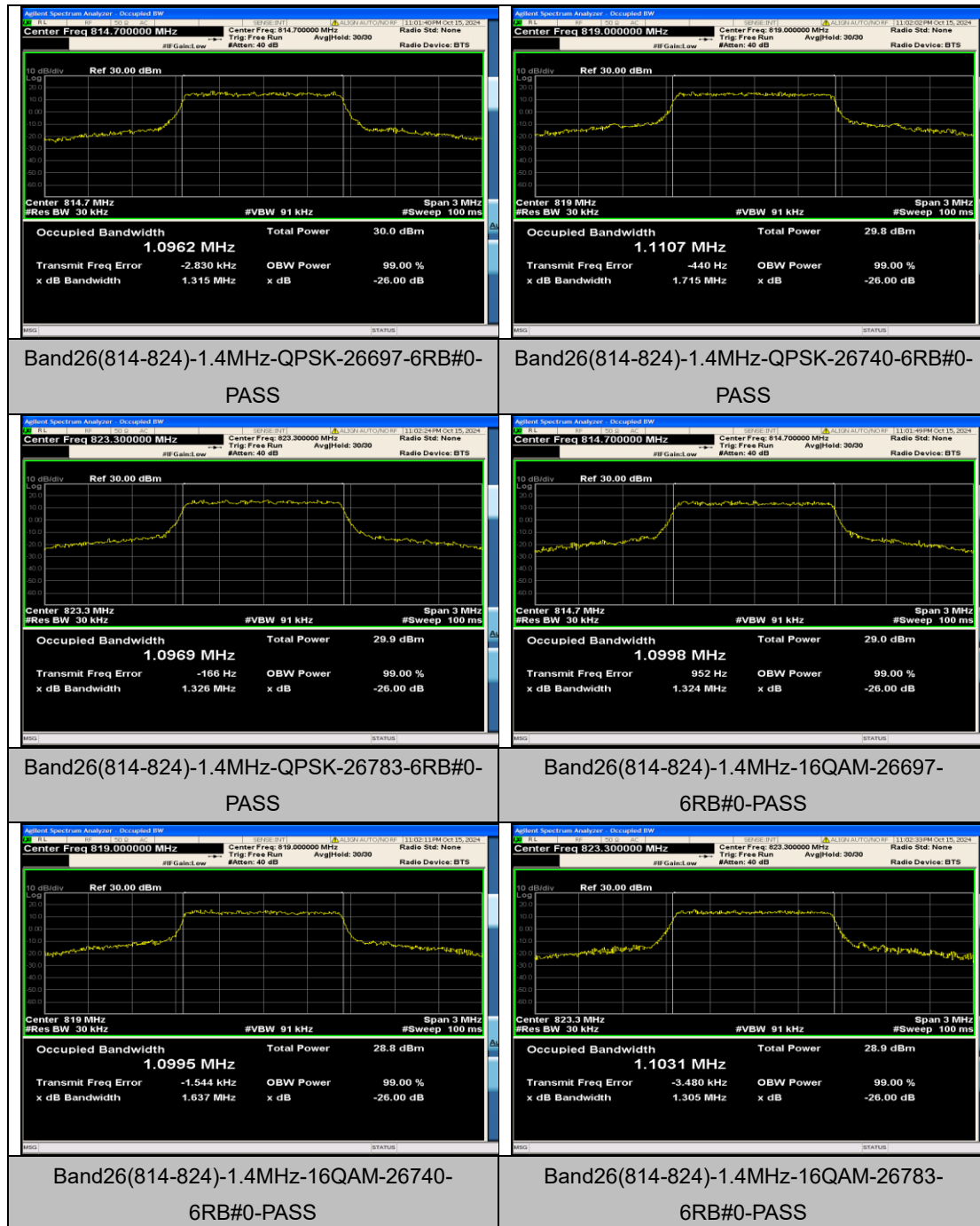
Test Result

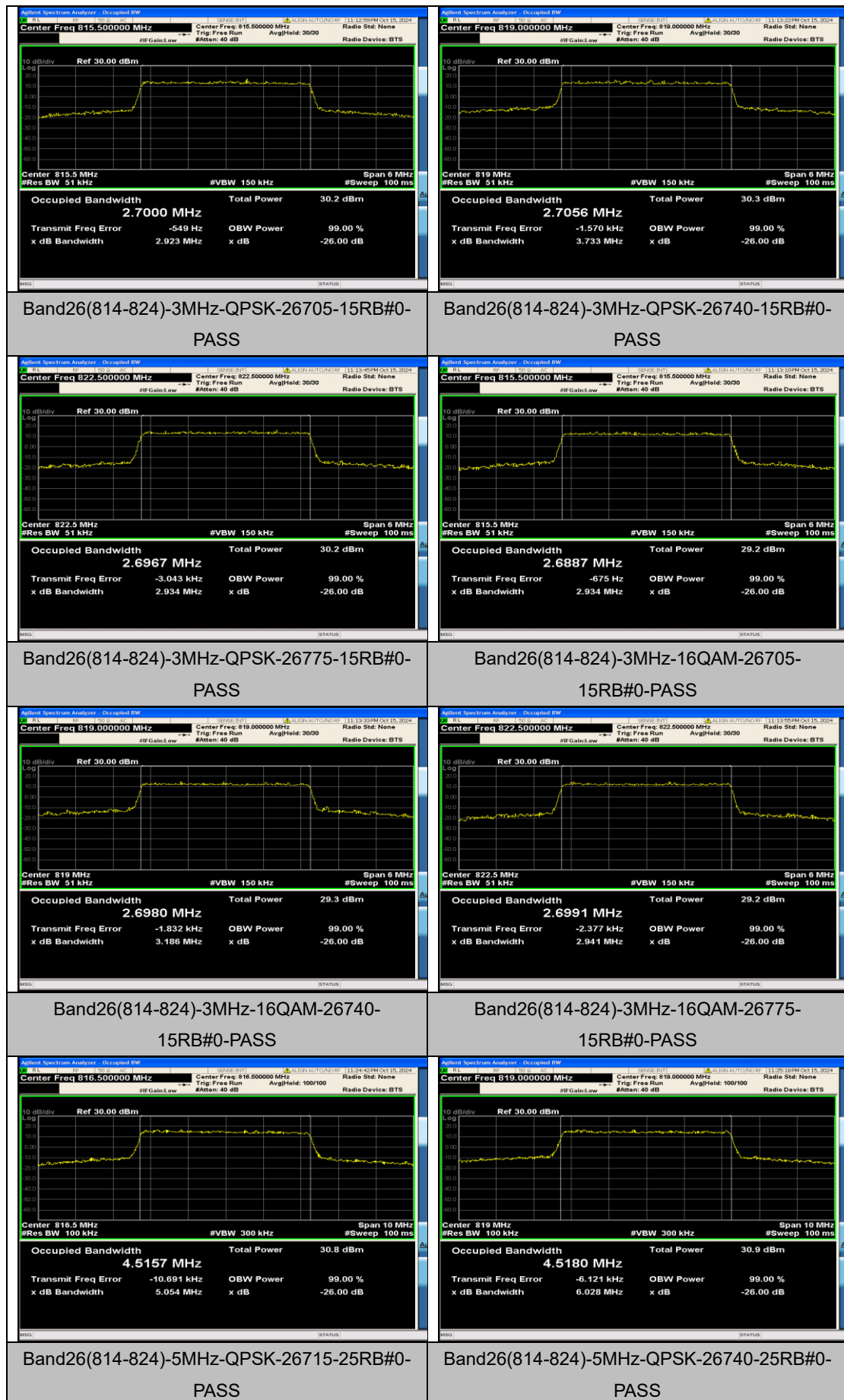
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	1.0962	1.315	PASS
Band26(814-824)	1.4MHz	QPSK	26740	6RB#0	1.1107	1.715	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	1.0969	1.326	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	1.0998	1.324	PASS
Band26(814-824)	1.4MHz	16QAM	26740	6RB#0	1.0995	1.637	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	1.1031	1.305	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	2.7000	2.923	PASS
Band26(814-824)	3MHz	QPSK	26740	15RB#0	2.7056	3.733	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	2.6967	2.934	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	2.6887	2.934	PASS
Band26(814-824)	3MHz	16QAM	26740	15RB#0	2.6980	3.186	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	2.6991	2.941	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	4.5157	5.054	PASS
Band26(814-824)	5MHz	QPSK	26740	25RB#0	4.5180	6.028	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	4.5146	5.010	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	4.5048	5.019	PASS
Band26(814-824)	5MHz	16QAM	26740	25RB#0	4.5396	7.433	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	4.5273	5.036	PASS

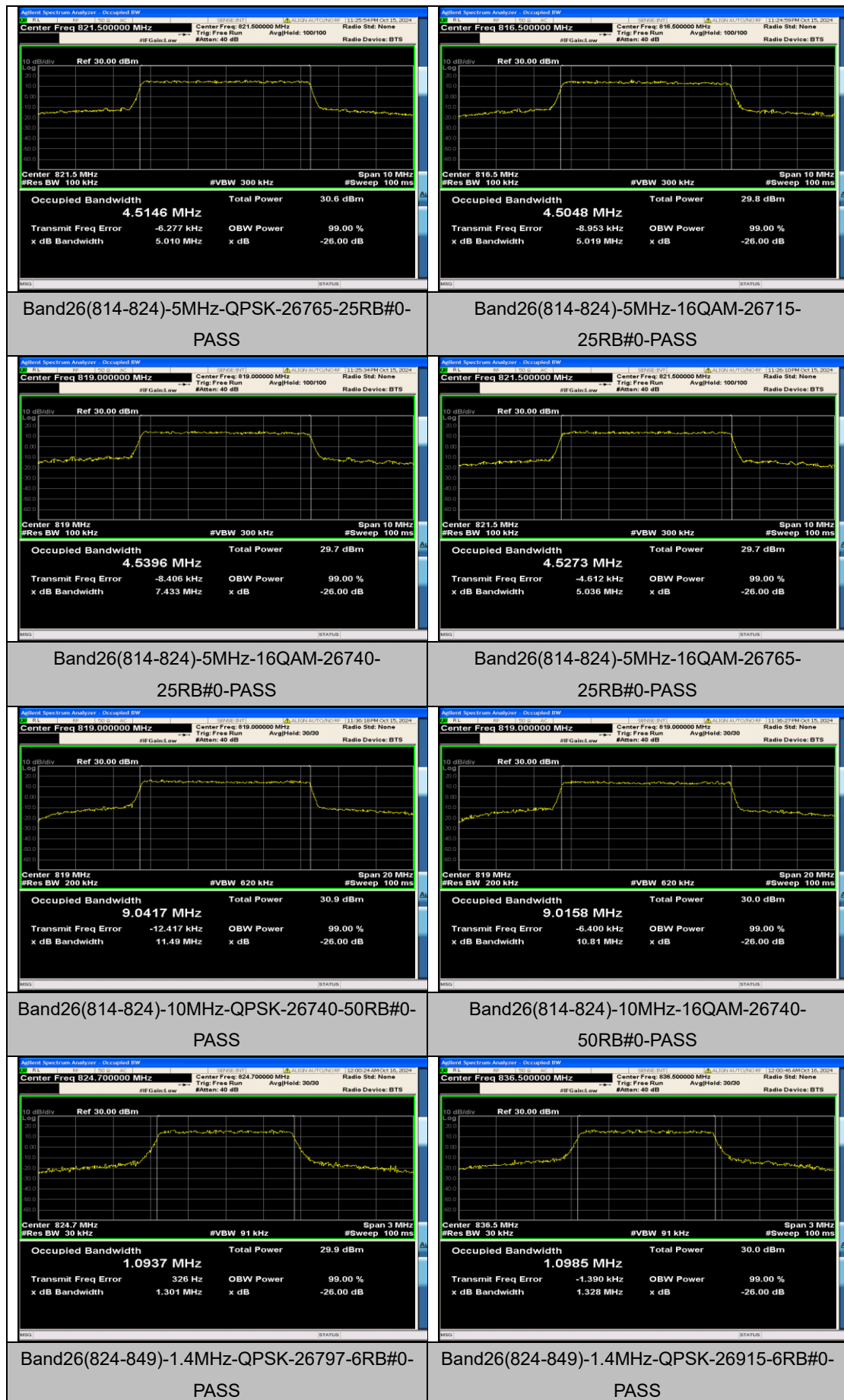
824)							
Band26(814-824)	10MHz	QPSK	26740	50RB#0	9.0417	11.49	PASS
Band26(814-824)	10MHz	16QAM	26740	50RB#0	9.0158	10.81	PASS
Band26(824-849)	1.4MHz	QPSK	26797	6RB#0	1.0937	1.301	PASS
Band26(824-849)	1.4MHz	QPSK	26915	6RB#0	1.0985	1.328	PASS
Band26(824-849)	1.4MHz	QPSK	27033	6RB#0	1.0977	1.309	PASS
Band26(824-849)	1.4MHz	16QAM	26797	6RB#0	1.1003	1.311	PASS
Band26(824-849)	1.4MHz	16QAM	26915	6RB#0	1.1028	1.402	PASS
Band26(824-849)	1.4MHz	16QAM	27033	6RB#0	1.1020	1.308	PASS
Band26(824-849)	3MHz	QPSK	26805	15RB#0	2.6964	2.918	PASS
Band26(824-849)	3MHz	QPSK	26915	15RB#0	2.7008	2.914	PASS
Band26(824-849)	3MHz	QPSK	27025	15RB#0	2.6931	2.936	PASS
Band26(824-849)	3MHz	16QAM	26805	15RB#0	2.6889	2.904	PASS
Band26(824-849)	3MHz	16QAM	26915	15RB#0	2.6876	2.927	PASS
Band26(824-849)	3MHz	16QAM	27025	15RB#0	2.6889	2.920	PASS
Band26(824-849)	5MHz	QPSK	26815	25RB#0	4.5001	4.992	PASS
Band26(824-849)	5MHz	QPSK	26915	25RB#0	4.5048	4.990	PASS
Band26(824-849)	5MHz	QPSK	27015	25RB#0	4.4972	4.978	PASS
Band26(824-849)	5MHz	16QAM	26815	25RB#0	4.4954	4.980	PASS
Band26(824-849)	5MHz	16QAM	26915	25RB#0	4.5183	6.606	PASS
Band26(824-849)	5MHz	16QAM	27015	25RB#0	4.4894	4.940	PASS
Band26(824-849)	10MHz	QPSK	26840	50RB#0	8.9792	9.846	PASS

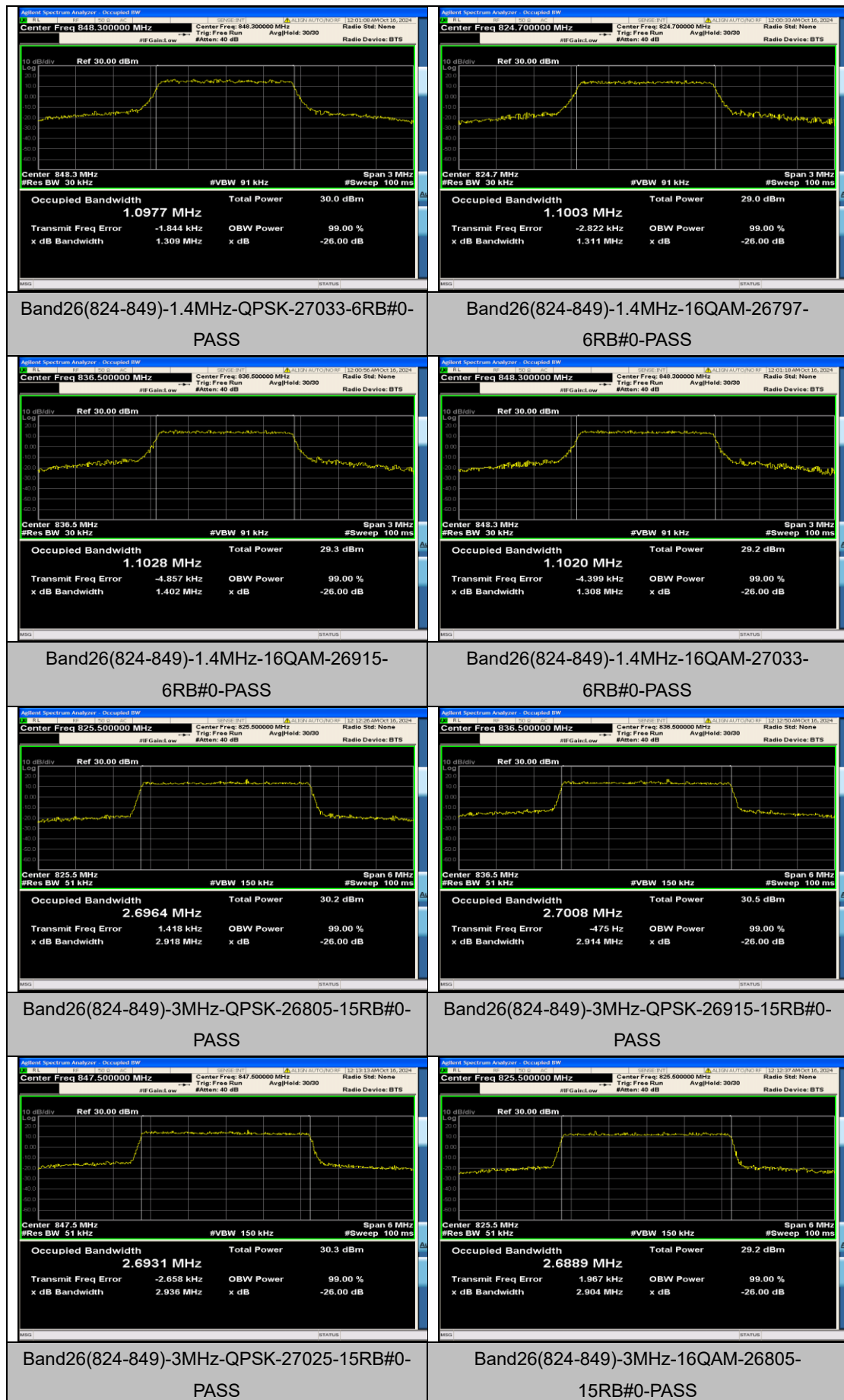
Band26(824-849)	10MHz	QPSK	26915	50RB#0	9.0278	9.942	PASS
Band26(824-849)	10MHz	QPSK	26990	50RB#0	8.9503	9.812	PASS
Band26(824-849)	10MHz	16QAM	26840	50RB#0	8.9692	9.758	PASS
Band26(824-849)	10MHz	16QAM	26915	50RB#0	9.0183	9.854	PASS
Band26(824-849)	10MHz	16QAM	26990	50RB#0	8.9588	9.728	PASS
Band26(824-849)	15MHz	QPSK	26865	75RB#0	13.485	14.71	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	13.523	14.76	PASS
Band26(824-849)	15MHz	QPSK	26965	75RB#0	13.474	14.63	PASS
Band26(824-849)	15MHz	16QAM	26865	75RB#0	13.446	14.63	PASS
Band26(824-849)	15MHz	16QAM	26915	75RB#0	13.535	14.68	PASS
Band26(824-849)	15MHz	16QAM	26965	75RB#0	13.481	14.68	PASS

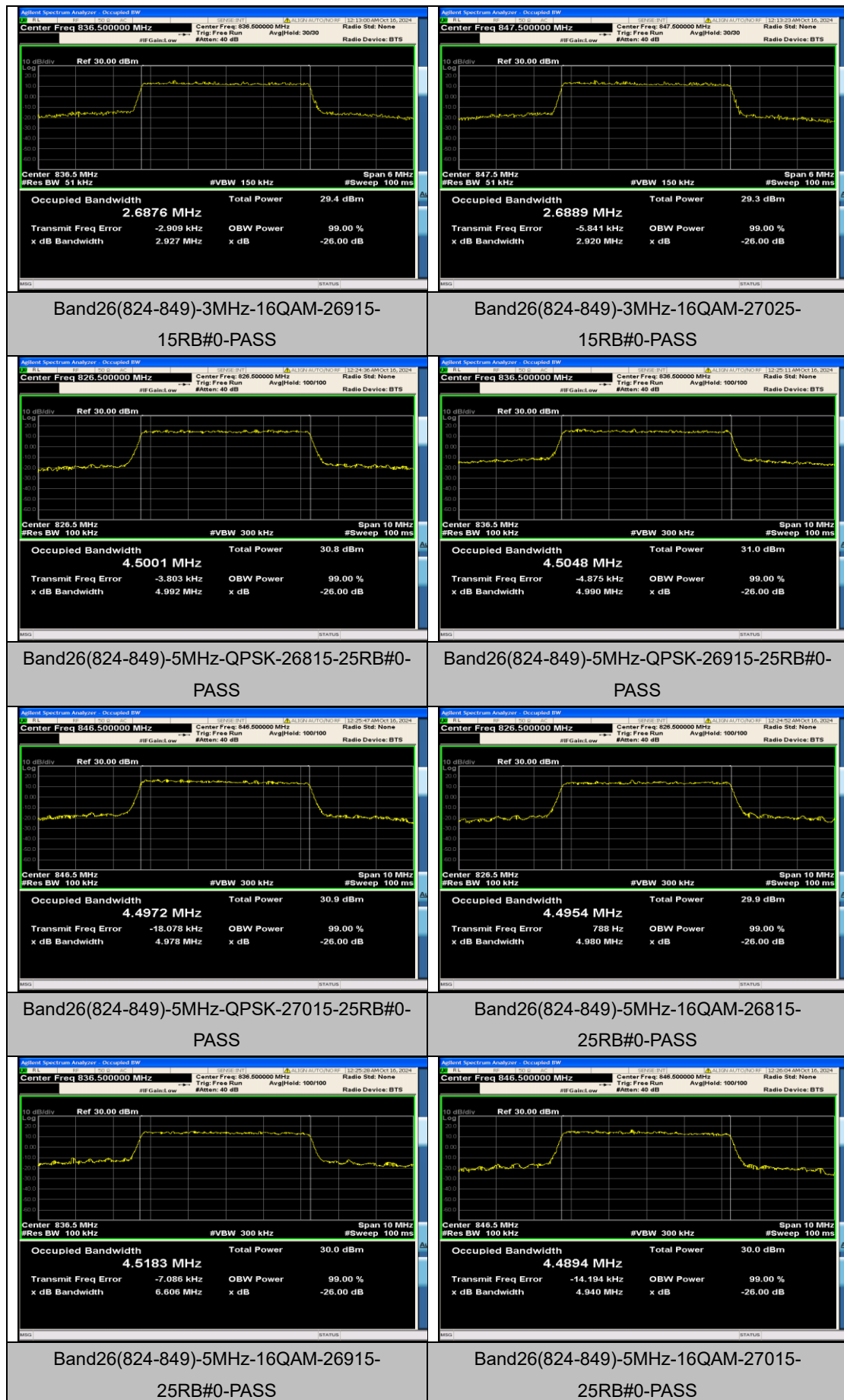
Test Graphs

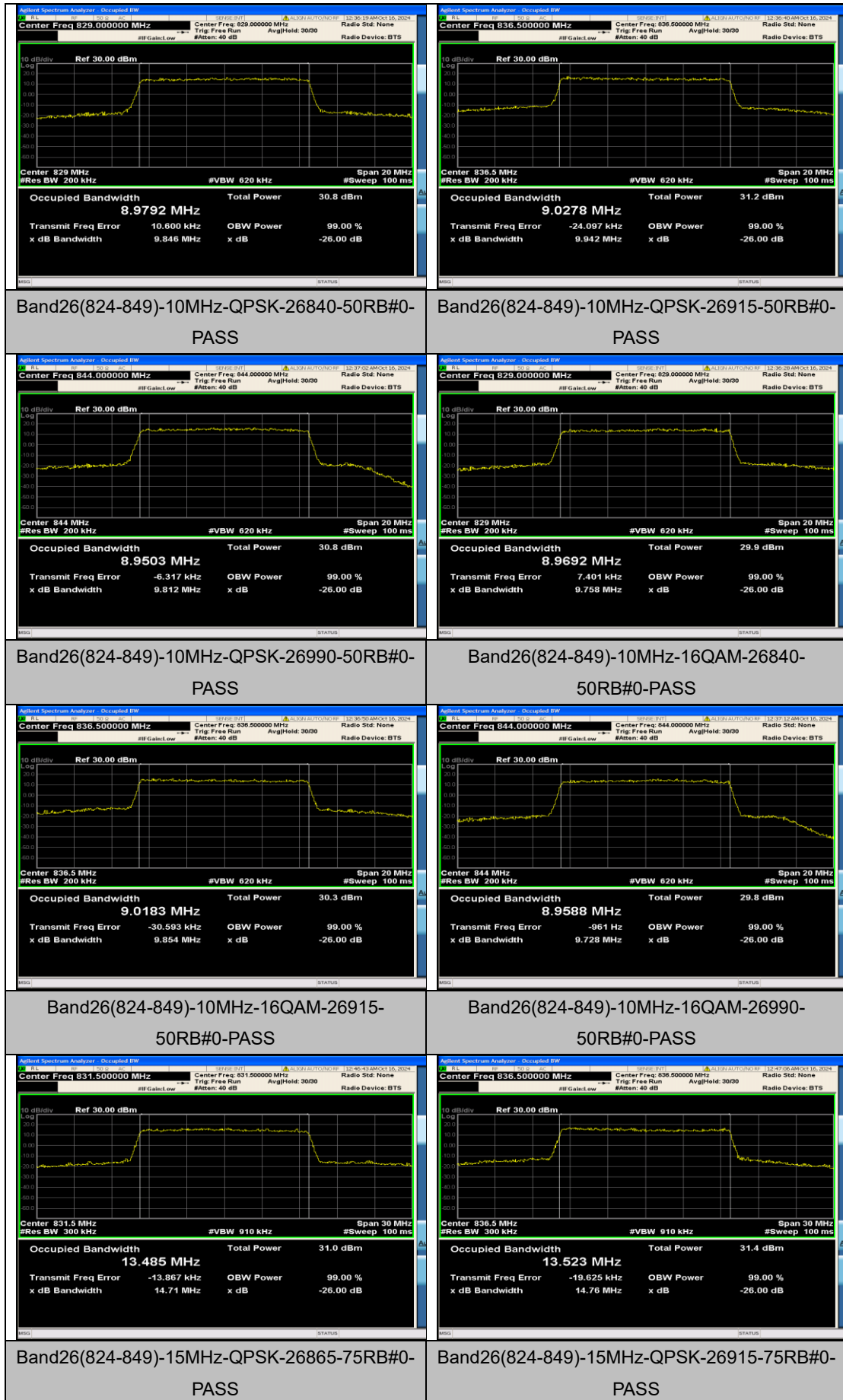


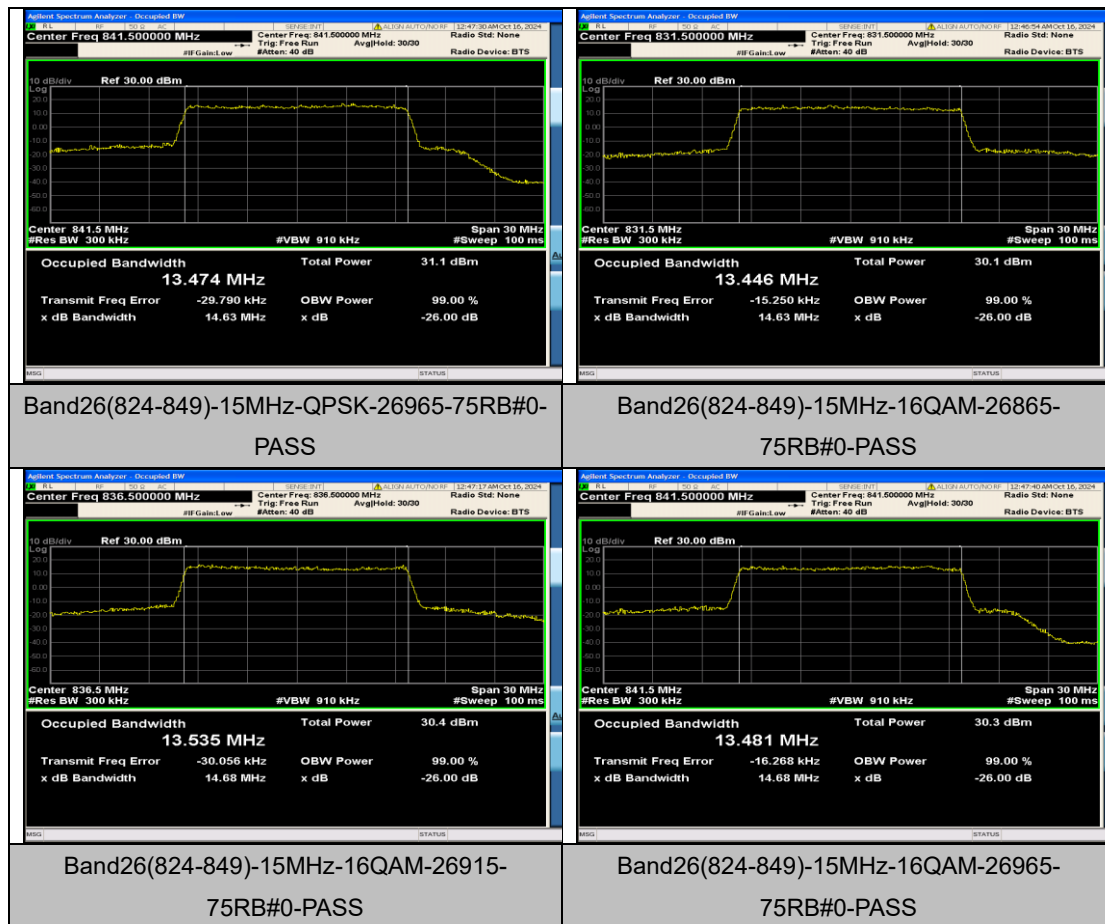












Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	-20.11	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	-27.76	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	-23.01	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	-25.23	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	-21.49	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	-29.52	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	-25.05	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	-26.85	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	-23.00	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	-30.64	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	-32.59	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	-27.55	PASS
Band26(814-824)	10MHz	QPSK	26740	50RB#0	-24.58	PASS
Band26(814-824)	10MHz	16QAM	26740	50RB#0	-27.97	PASS
Band26(824-849)	1.4MHz	QPSK	26797	6RB#0	-28.57	PASS
Band26(824-849)	1.4MHz	QPSK	27033	6RB#0	-21.97	PASS
Band26(824-849)	1.4MHz	16QAM	26797	6RB#0	-23.65	PASS
Band26(824-849)	1.4MHz	16QAM	27033	6RB#0	-23.02	PASS
Band26(824-849)	3MHz	QPSK	26805	15RB#0	-29.99	PASS