

FCC Appendix RF Test Data for LTE Band 26

FCC ID : 2BT4L-M5-CX

Company : Infinity Mobile Limited

EUT : Portable WIFI

Model Number : M5-CX

Report No. : CTA25103000208&CTA25103000209

Reviewed By : Eric Wang

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

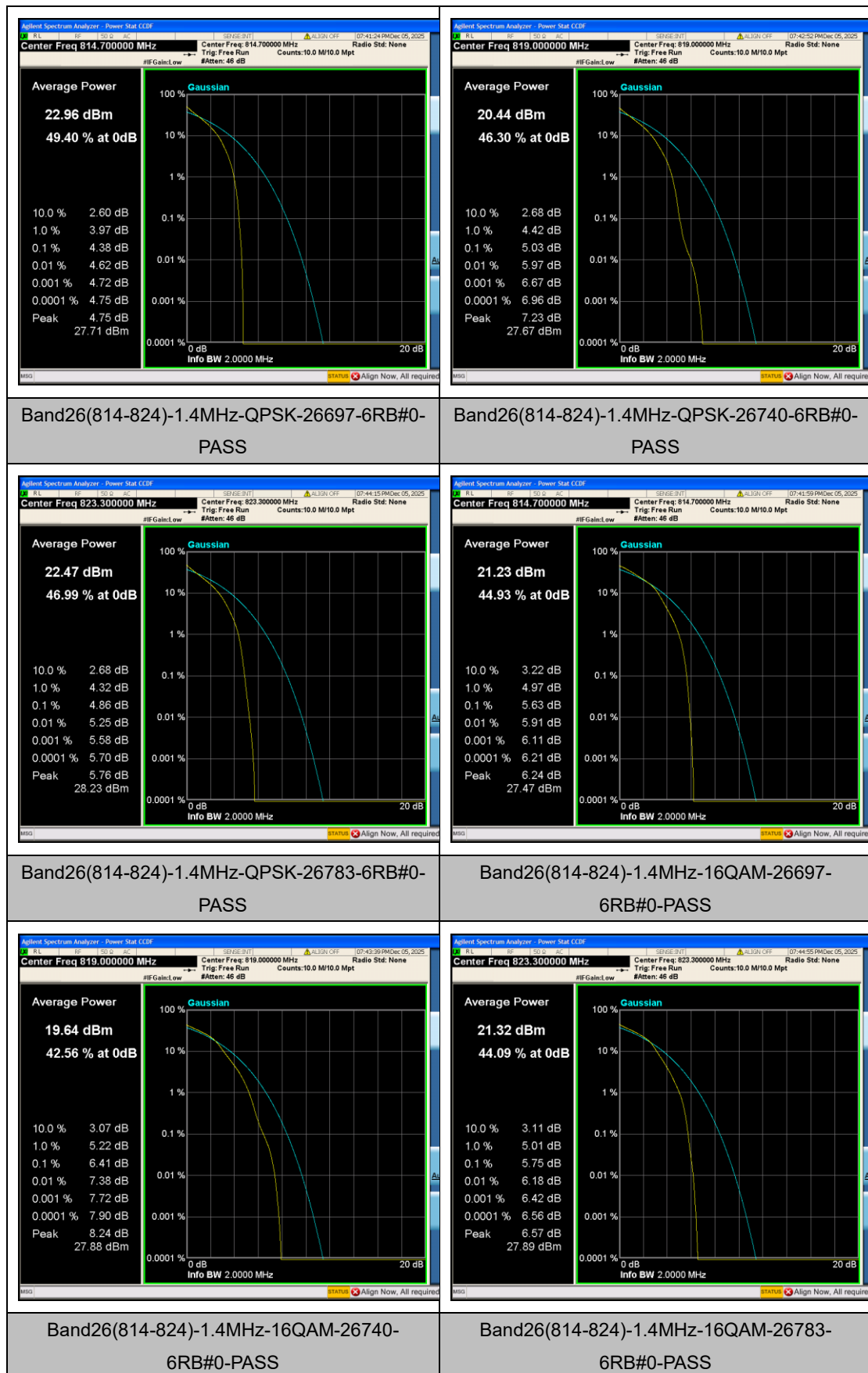
Test Result

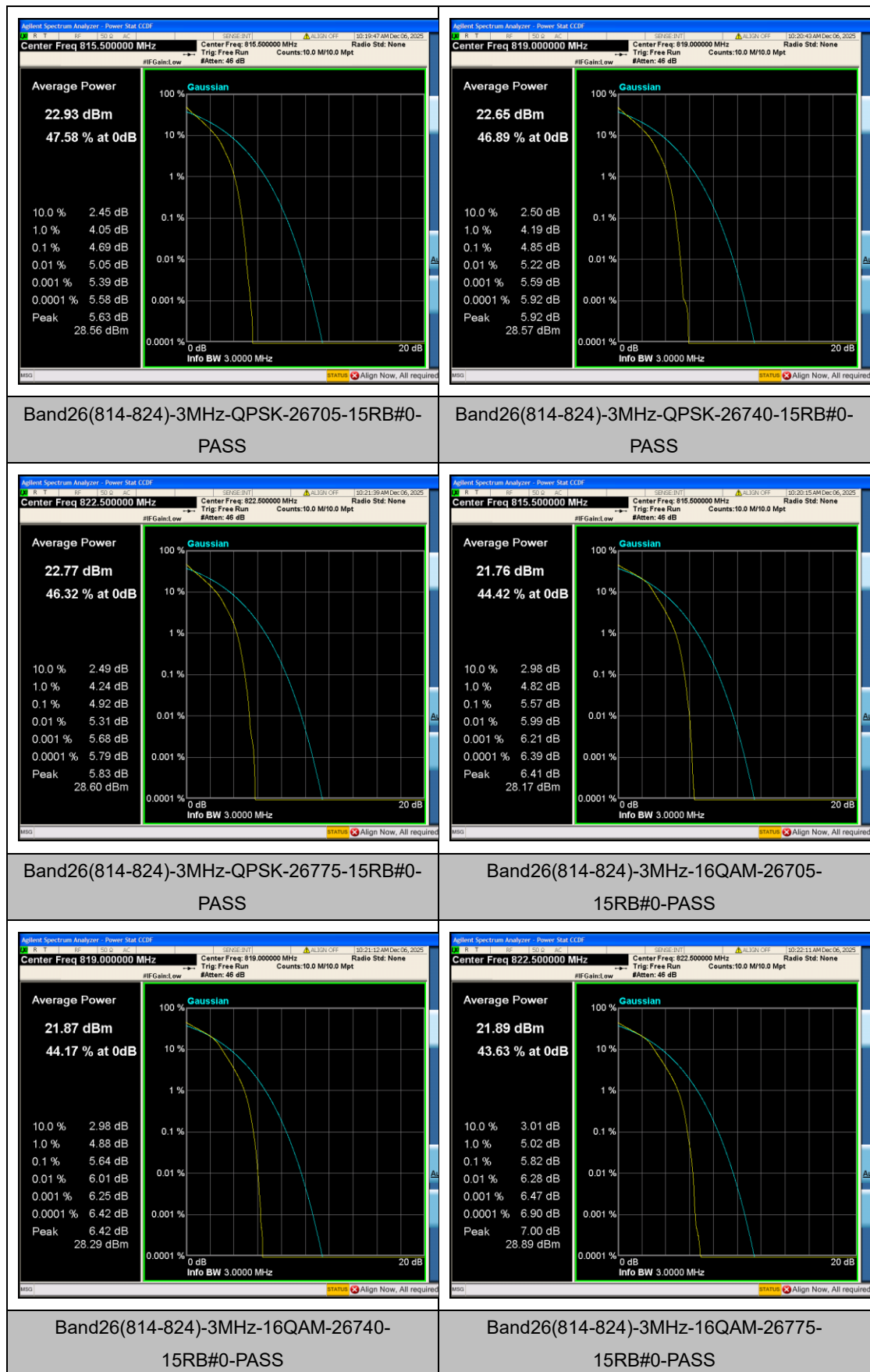
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	4.38	13	PASS
Band26(814-824)	1.4MHz	QPSK	26740	6RB#0	5.03	13	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	4.86	13	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	5.63	13	PASS
Band26(814-824)	1.4MHz	16QAM	26740	6RB#0	6.41	13	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	5.75	13	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	4.69	13	PASS
Band26(814-824)	3MHz	QPSK	26740	15RB#0	4.85	13	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	4.92	13	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	5.57	13	PASS
Band26(814-824)	3MHz	16QAM	26740	15RB#0	5.64	13	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	5.82	13	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	4.63	13	PASS
Band26(814-824)	5MHz	QPSK	26740	25RB#0	4.74	13	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	4.86	13	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	5.49	13	PASS
Band26(814-824)	5MHz	16QAM	26740	25RB#0	5.62	13	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	5.71	13	PASS

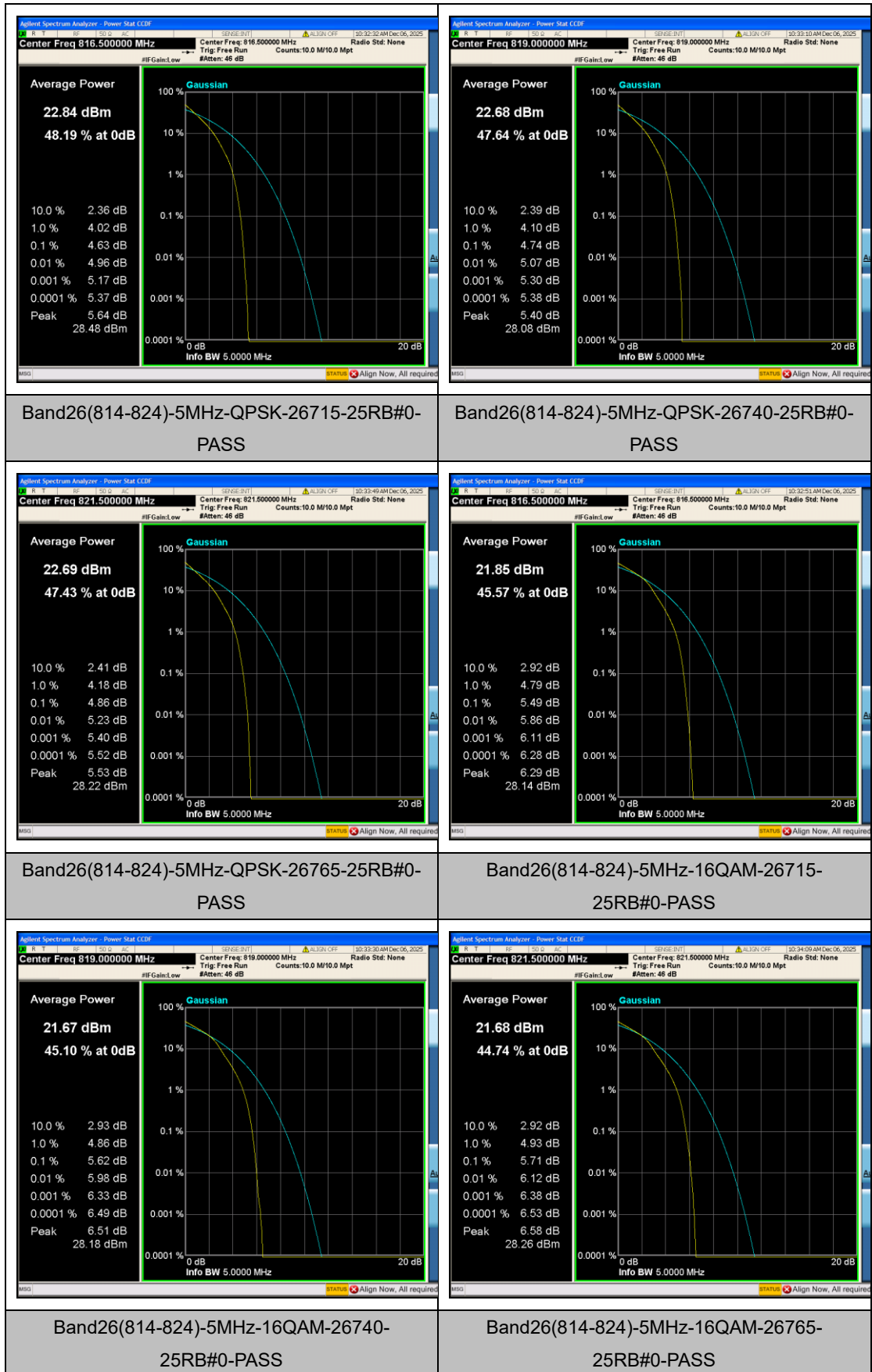
Band26(814-824)	10MHz	QPSK	26740	50RB#0	4.78	13	PASS
Band26(814-824)	10MHz	16QAM	26740	50RB#0	5.64	13	PASS
Band26(824-849)	1.4MHz	QPSK	26797	6RB#0	4.89	13	PASS
Band26(824-849)	1.4MHz	QPSK	26915	6RB#0	4.50	13	PASS
Band26(824-849)	1.4MHz	QPSK	27033	6RB#0	4.36	13	PASS
Band26(824-849)	1.4MHz	16QAM	26797	6RB#0	5.82	13	PASS
Band26(824-849)	1.4MHz	16QAM	26915	6RB#0	5.42	13	PASS
Band26(824-849)	1.4MHz	16QAM	27033	6RB#0	5.25	13	PASS
Band26(824-849)	3MHz	QPSK	26805	15RB#0	4.92	13	PASS
Band26(824-849)	3MHz	QPSK	26915	15RB#0	4.71	13	PASS
Band26(824-849)	3MHz	QPSK	27025	15RB#0	4.70	13	PASS
Band26(824-849)	3MHz	16QAM	26805	15RB#0	5.83	13	PASS
Band26(824-849)	3MHz	16QAM	26915	15RB#0	5.53	13	PASS
Band26(824-849)	3MHz	16QAM	27025	15RB#0	5.51	13	PASS
Band26(824-849)	5MHz	QPSK	26815	25RB#0	4.88	13	PASS
Band26(824-849)	5MHz	QPSK	26915	25RB#0	4.66	13	PASS
Band26(824-849)	5MHz	QPSK	27015	25RB#0	4.66	13	PASS
Band26(824-849)	5MHz	16QAM	26815	25RB#0	5.72	13	PASS
Band26(824-849)	5MHz	16QAM	26915	25RB#0	5.51	13	PASS
Band26(824-849)	5MHz	16QAM	27015	25RB#0	5.47	13	PASS
Band26(824-849)	10MHz	QPSK	26840	50RB#0	4.88	13	PASS
Band26(824-849)	10MHz	QPSK	26915	50RB#0	4.72	13	PASS

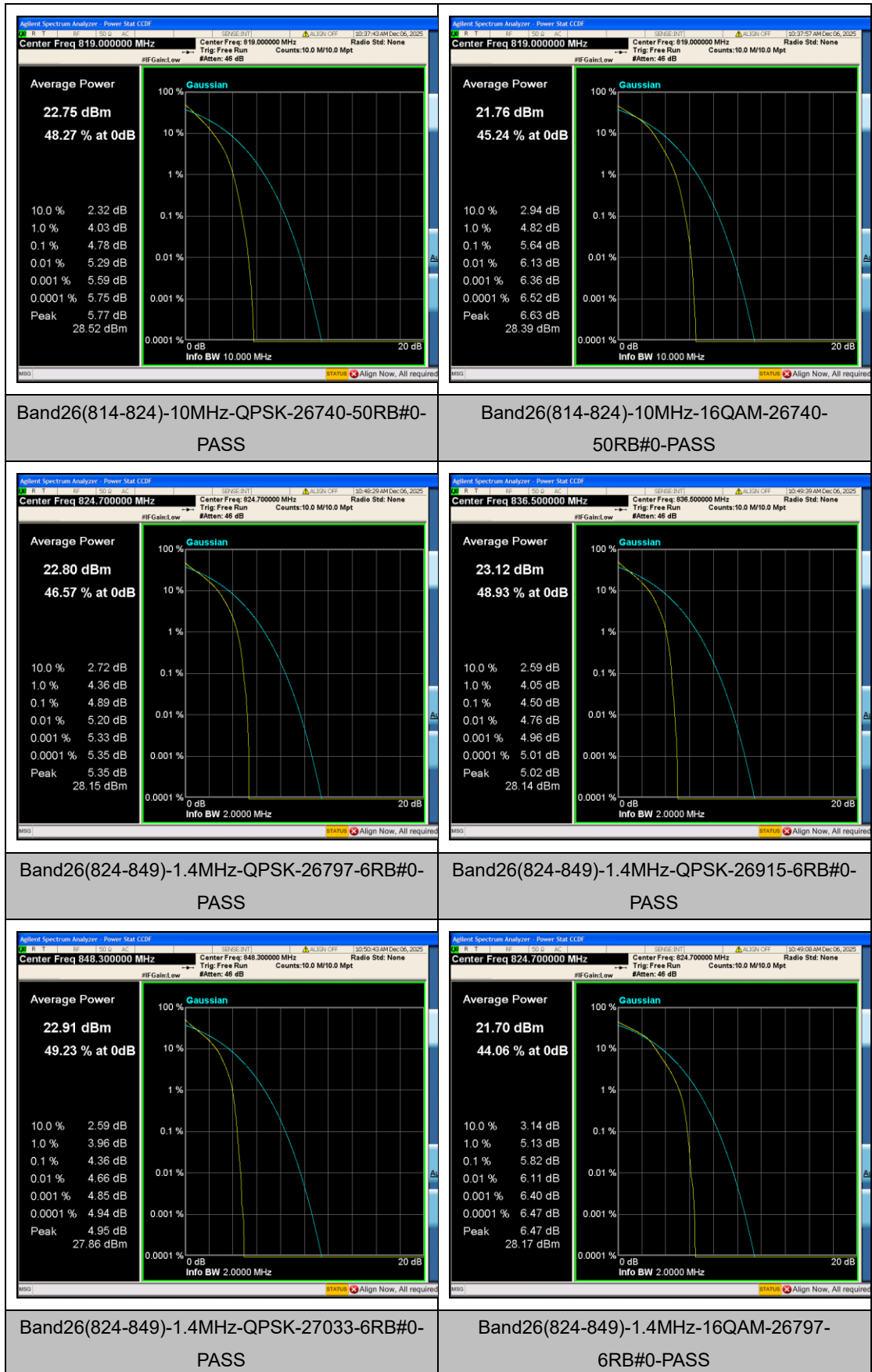
Band26(824-849)	10MHz	QPSK	26990	50RB#0	4.77	13	PASS
Band26(824-849)	10MHz	16QAM	26840	50RB#0	5.72	13	PASS
Band26(824-849)	10MHz	16QAM	26915	50RB#0	5.58	13	PASS
Band26(824-849)	10MHz	16QAM	26990	50RB#0	5.62	13	PASS
Band26(824-849)	15MHz	QPSK	26865	75RB#0	4.84	13	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	4.77	13	PASS
Band26(824-849)	15MHz	QPSK	26965	75RB#0	4.80	13	PASS
Band26(824-849)	15MHz	16QAM	26865	75RB#0	5.63	13	PASS
Band26(824-849)	15MHz	16QAM	26915	75RB#0	5.57	13	PASS
Band26(824-849)	15MHz	16QAM	26965	75RB#0	5.63	13	PASS

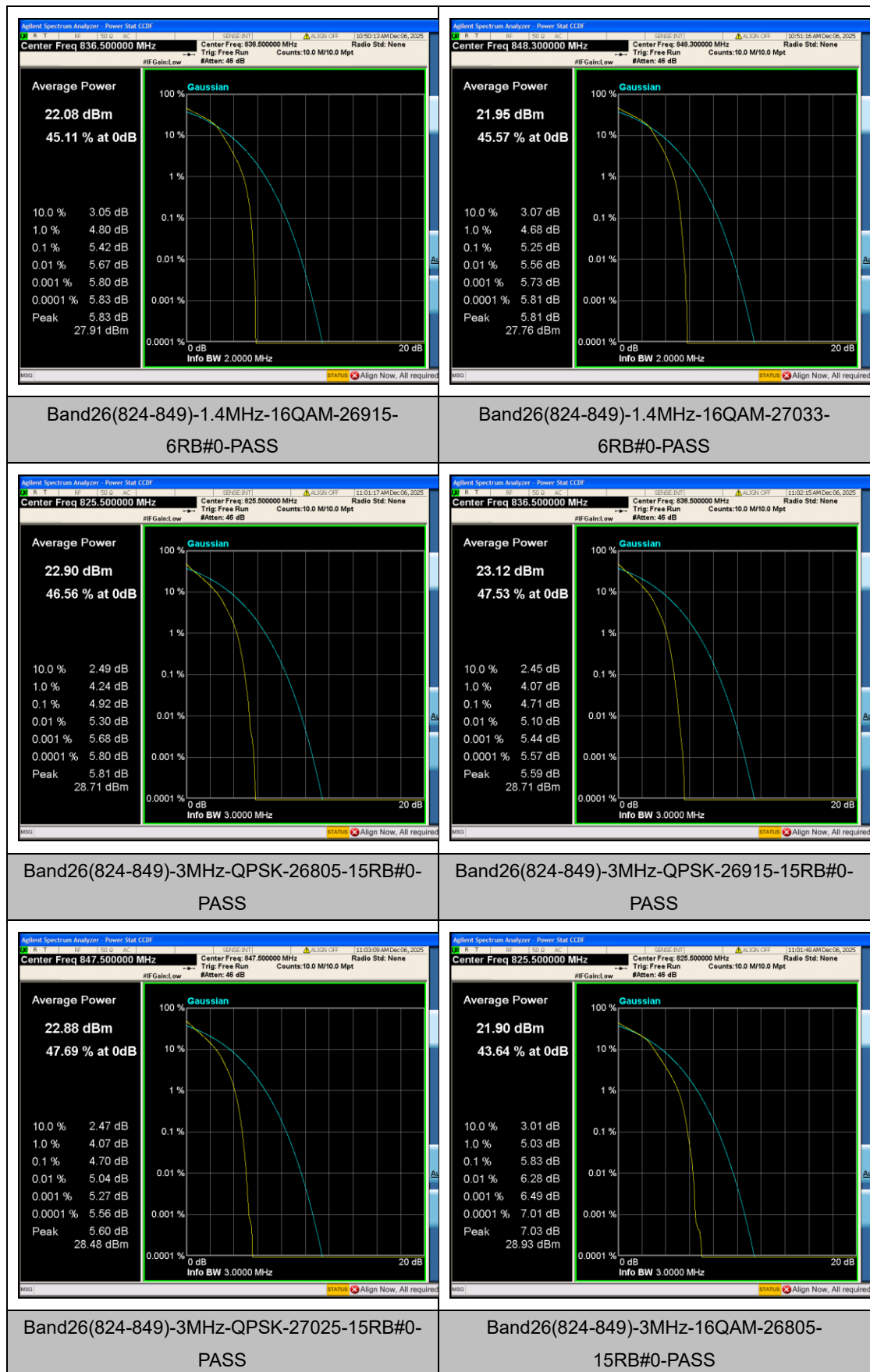
Test Graphs

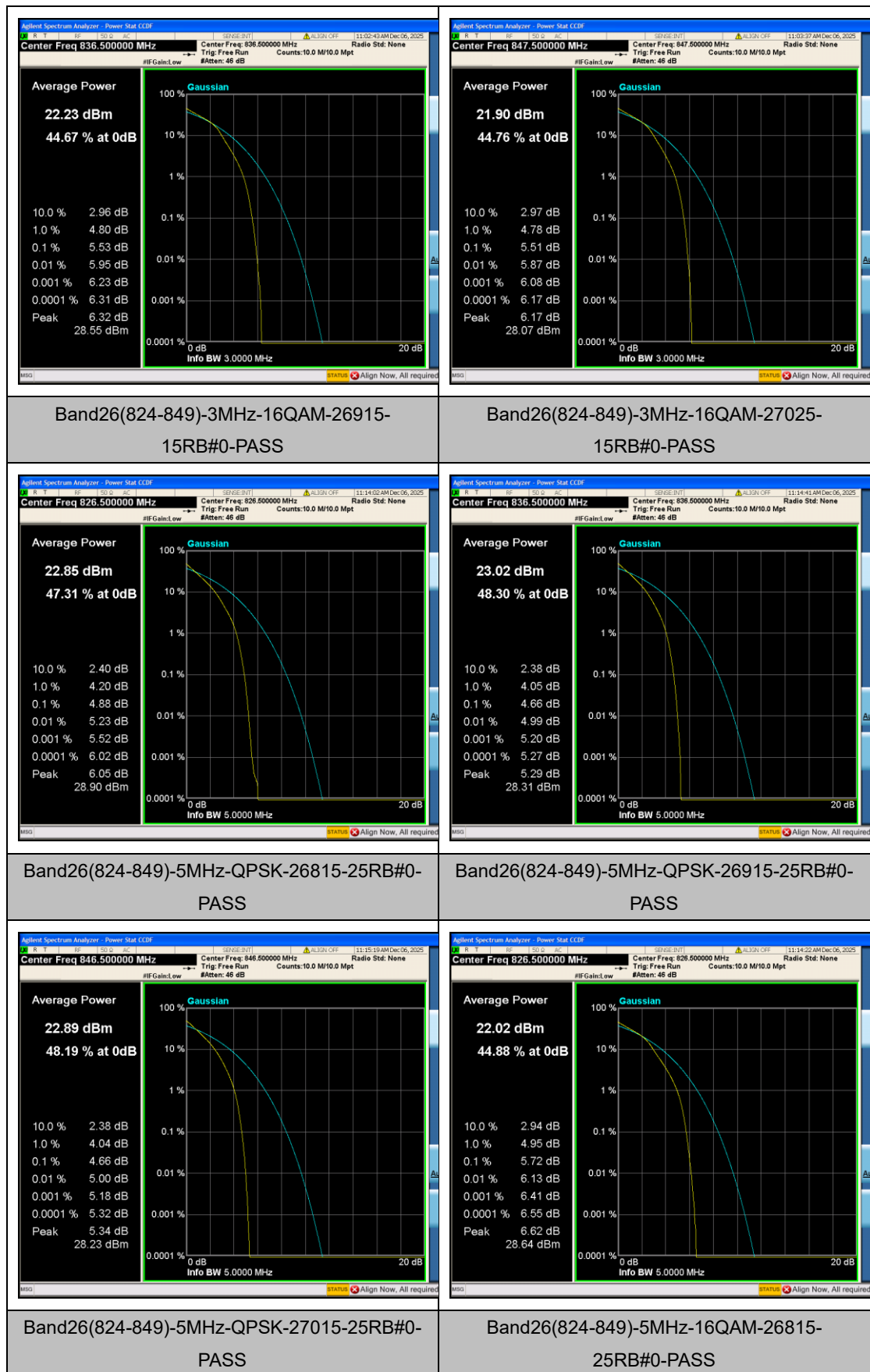


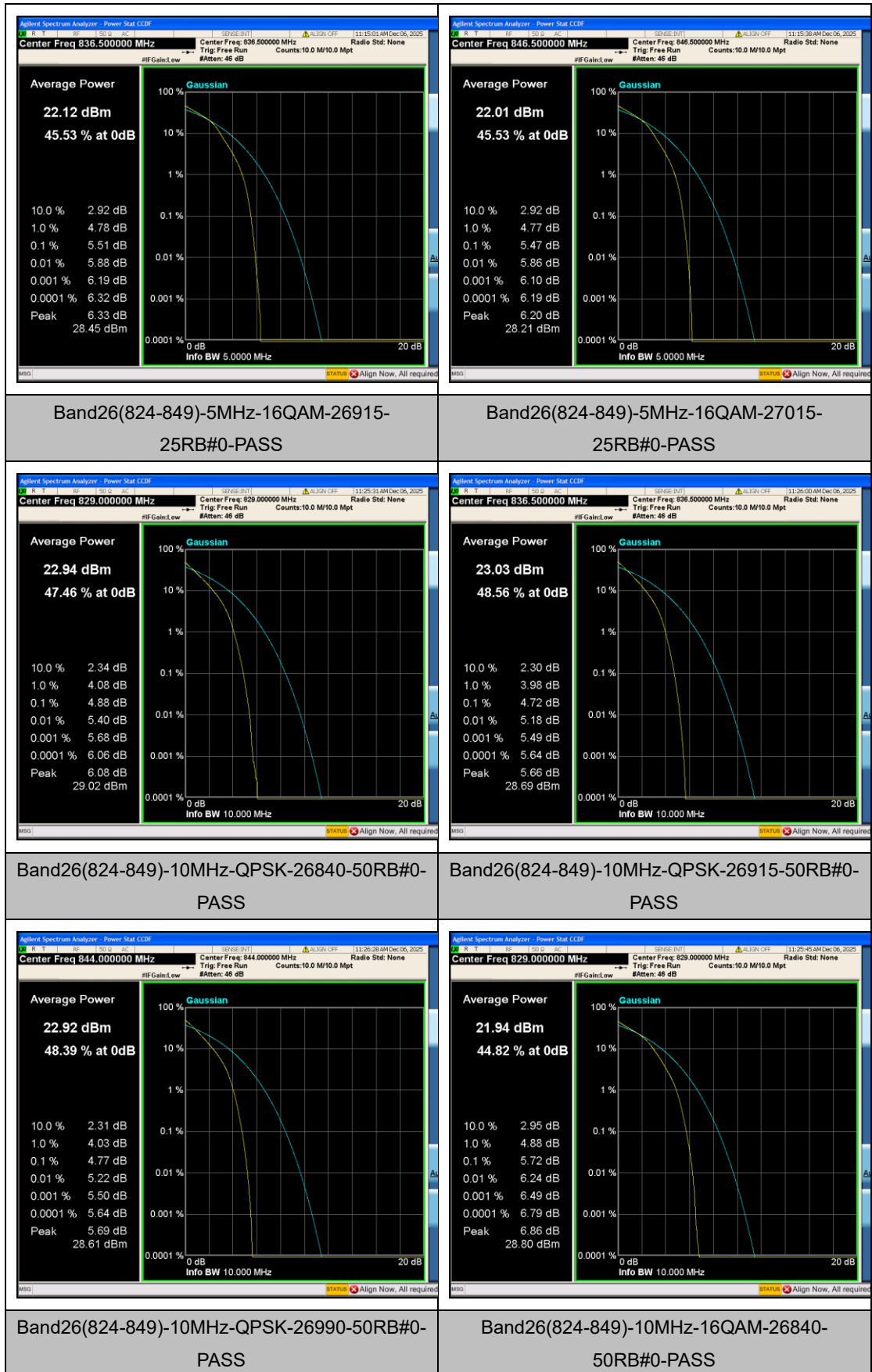


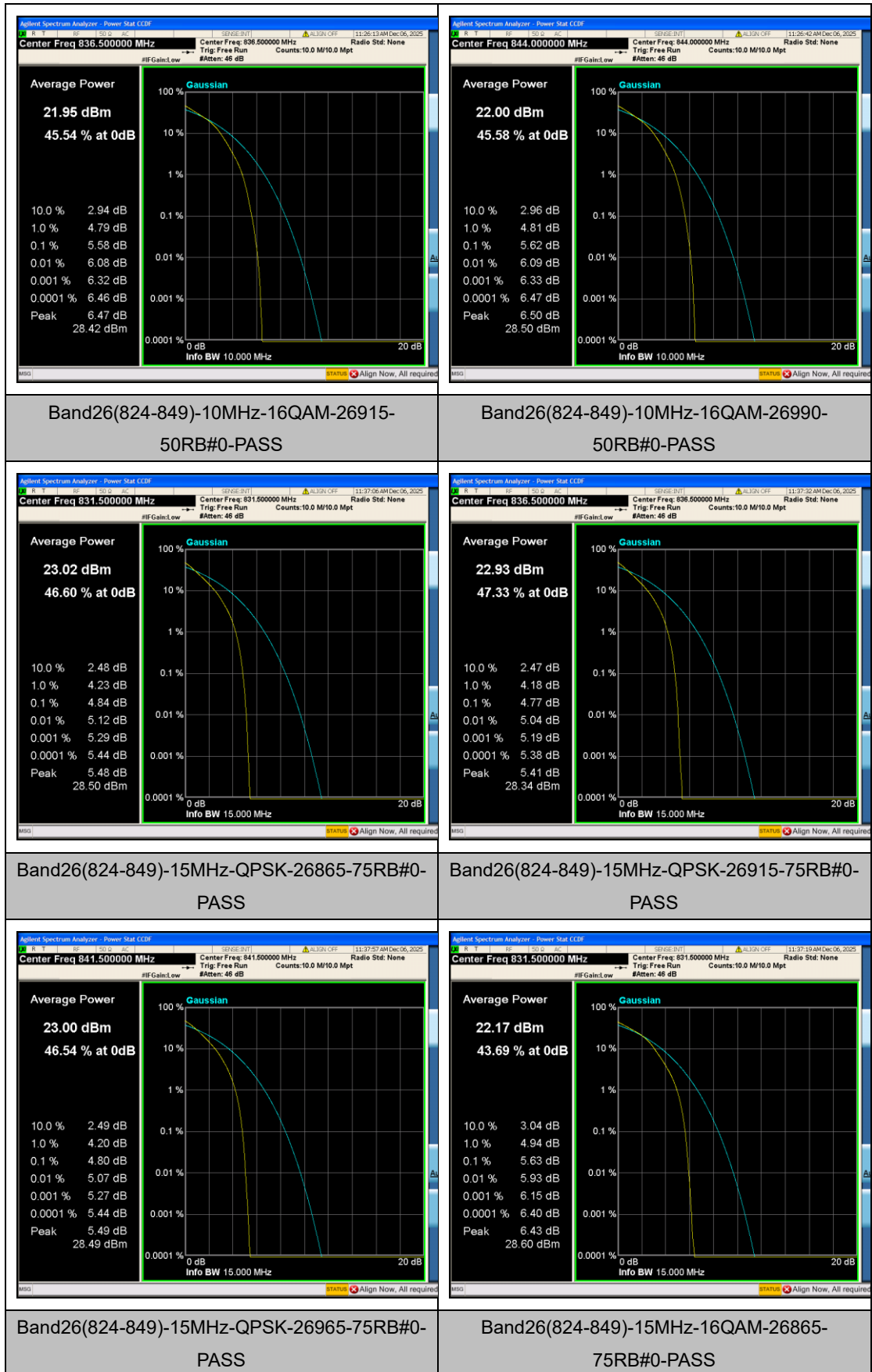


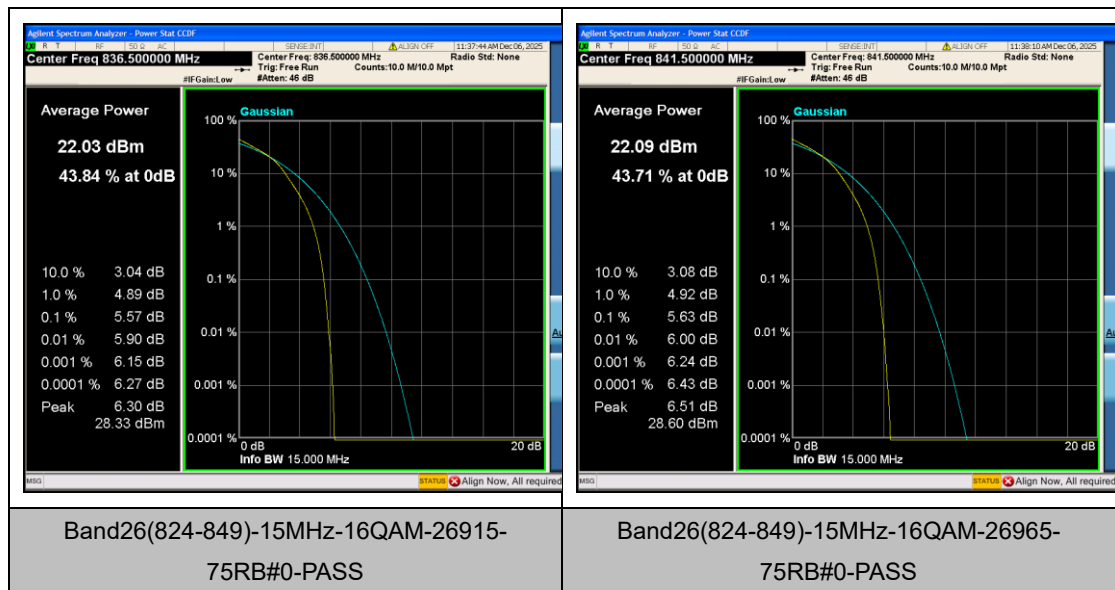












Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	1.0958	1.319	PASS
Band26(814-824)	1.4MHz	QPSK	26740	6RB#0	1.0959	1.294	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	1.0996	1.282	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	1.0936	1.288	PASS
Band26(814-824)	1.4MHz	16QAM	26740	6RB#0	1.1023	1.309	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	1.0971	1.284	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	2.7023	2.967	PASS
Band26(814-824)	3MHz	QPSK	26740	15RB#0	2.6997	2.966	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	2.7096	2.964	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	2.6910	2.967	PASS
Band26(814-824)	3MHz	16QAM	26740	15RB#0	2.6880	2.962	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	2.6945	2.973	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	4.4972	4.996	PASS
Band26(814-824)	5MHz	QPSK	26740	25RB#0	4.4897	4.979	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	4.5002	4.999	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	4.4902	4.955	PASS
Band26(814-824)	5MHz	16QAM	26740	25RB#0	4.4953	5.024	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	4.5100	5.038	PASS

824)							
Band26(814-824)	10MHz	QPSK	26740	50RB#0	8.9564	9.893	PASS
Band26(814-824)	10MHz	16QAM	26740	50RB#0	8.9432	9.852	PASS
Band26(824-849)	1.4MHz	QPSK	26797	6RB#0	1.0966	1.294	PASS
Band26(824-849)	1.4MHz	QPSK	26915	6RB#0	1.0943	1.305	PASS
Band26(824-849)	1.4MHz	QPSK	27033	6RB#0	1.0956	1.293	PASS
Band26(824-849)	1.4MHz	16QAM	26797	6RB#0	1.0877	1.274	PASS
Band26(824-849)	1.4MHz	16QAM	26915	6RB#0	1.0974	1.285	PASS
Band26(824-849)	1.4MHz	16QAM	27033	6RB#0	1.0952	1.297	PASS
Band26(824-849)	3MHz	QPSK	26805	15RB#0	2.7023	2.967	PASS
Band26(824-849)	3MHz	QPSK	26915	15RB#0	2.6946	2.958	PASS
Band26(824-849)	3MHz	QPSK	27025	15RB#0	2.6971	2.963	PASS
Band26(824-849)	3MHz	16QAM	26805	15RB#0	2.6910	2.978	PASS
Band26(824-849)	3MHz	16QAM	26915	15RB#0	2.6948	2.972	PASS
Band26(824-849)	3MHz	16QAM	27025	15RB#0	2.6989	2.970	PASS
Band26(824-849)	5MHz	QPSK	26815	25RB#0	4.5008	5.001	PASS
Band26(824-849)	5MHz	QPSK	26915	25RB#0	4.4858	4.985	PASS
Band26(824-849)	5MHz	QPSK	27015	25RB#0	4.4922	4.994	PASS
Band26(824-849)	5MHz	16QAM	26815	25RB#0	4.5010	4.960	PASS
Band26(824-849)	5MHz	16QAM	26915	25RB#0	4.4998	5.026	PASS
Band26(824-849)	5MHz	16QAM	27015	25RB#0	4.5161	5.003	PASS
Band26(824-849)	10MHz	QPSK	26840	50RB#0	8.9738	9.910	PASS

Band26(824-849)	10MHz	QPSK	26915	50RB#0	8.9577	9.847	PASS
Band26(824-849)	10MHz	QPSK	26990	50RB#0	8.9436	9.853	PASS
Band26(824-849)	10MHz	16QAM	26840	50RB#0	8.9689	9.839	PASS
Band26(824-849)	10MHz	16QAM	26915	50RB#0	8.9586	9.910	PASS
Band26(824-849)	10MHz	16QAM	26990	50RB#0	8.9613	9.838	PASS
Band26(824-849)	15MHz	QPSK	26865	75RB#0	13.438	14.77	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	13.412	14.74	PASS
Band26(824-849)	15MHz	QPSK	26965	75RB#0	13.384	14.62	PASS
Band26(824-849)	15MHz	16QAM	26865	75RB#0	13.427	14.67	PASS
Band26(824-849)	15MHz	16QAM	26915	75RB#0	13.415	14.67	PASS
Band26(824-849)	15MHz	16QAM	26965	75RB#0	13.431	14.67	PASS

Test Graphs

