

FCC Appendix RF Test Data for LTE Band 26

Company: : **Gastor Pty Ltd**
EUT : **GPS tracker**
Model Number : **AG45**
FCC ID : **2BU7Q-AG45**
Report No. : **CTA26031300111**
Reviewed By : **Eric Wang**

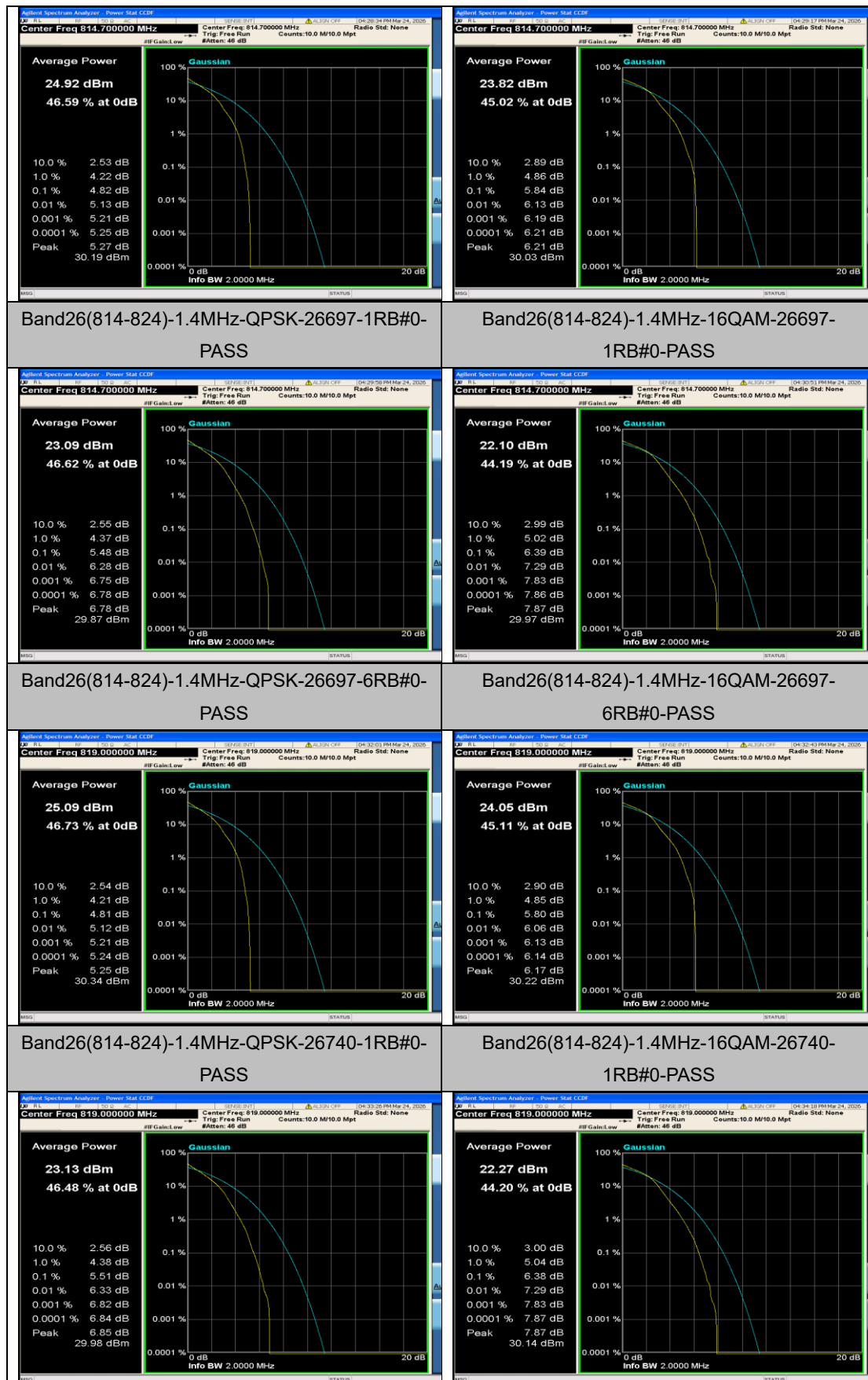
Appendix B: Peak-to-Average Ratio(CCDF)

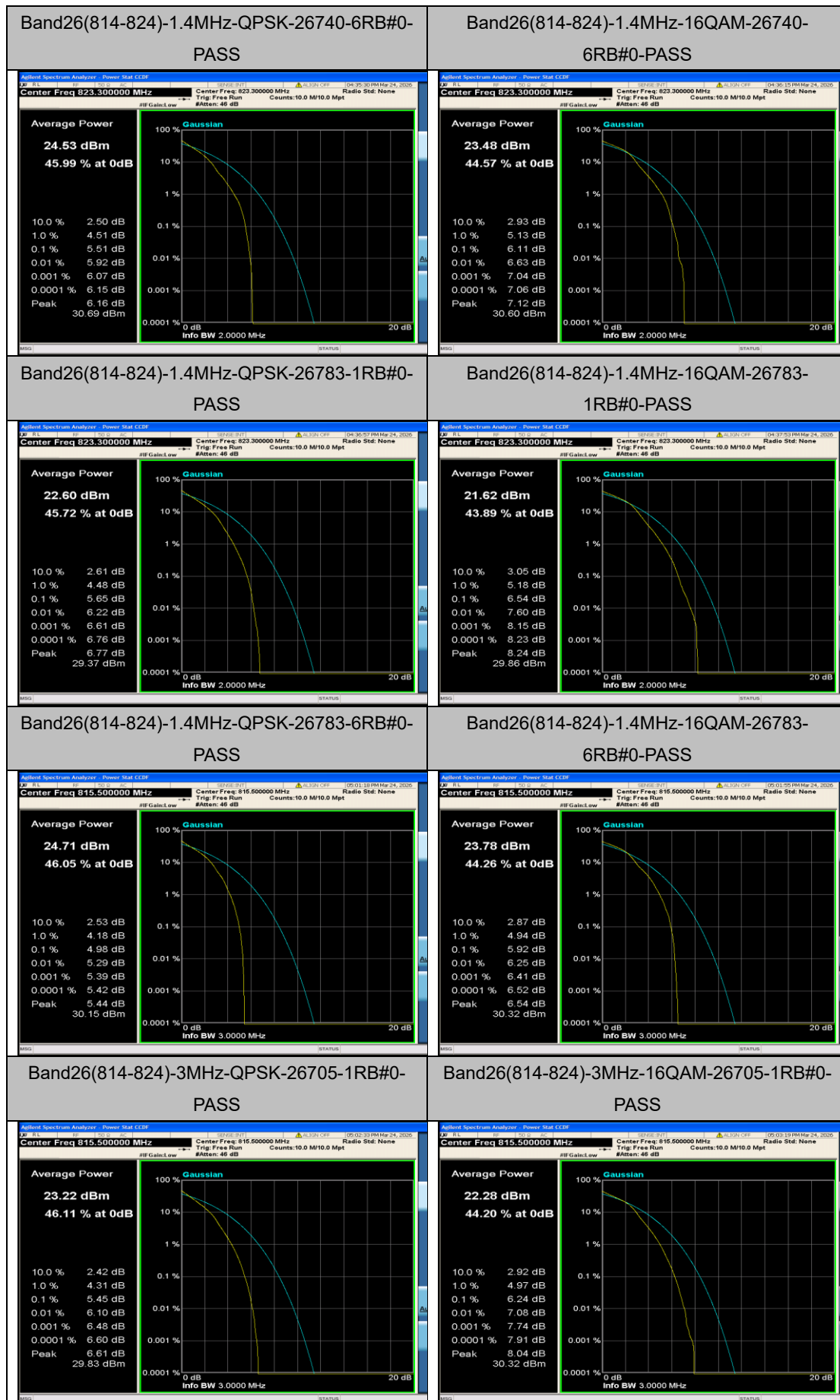
Test Result

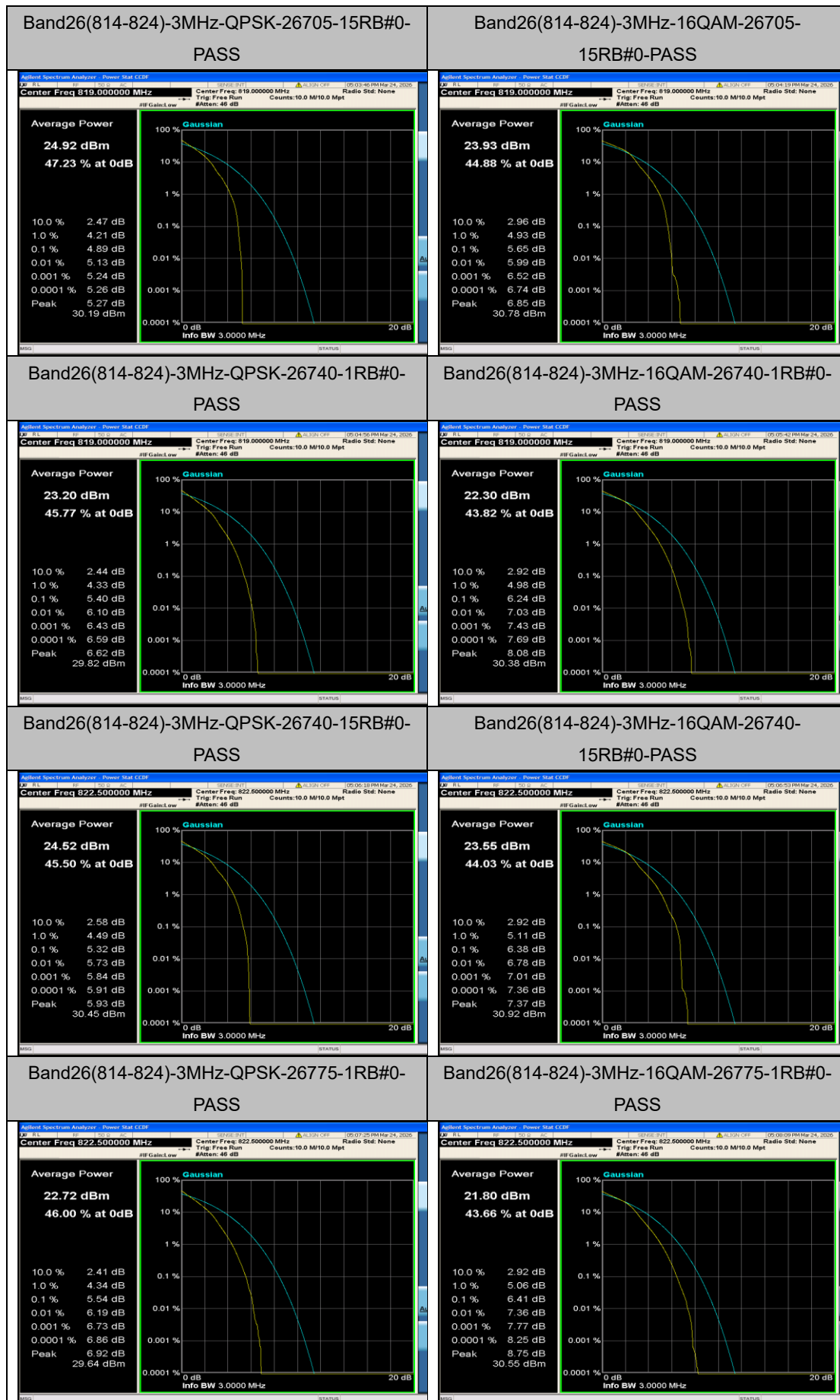
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26(814-824)	1.4MHz	QPSK	26697	1RB#0	4.82	13	PASS
Band26(814-824)	1.4MHz	16QAM	26697	1RB#0	5.84	13	PASS
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	5.48	13	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	6.39	13	PASS
Band26(814-824)	1.4MHz	QPSK	26740	1RB#0	4.81	13	PASS
Band26(814-824)	1.4MHz	16QAM	26740	1RB#0	5.80	13	PASS
Band26(814-824)	1.4MHz	QPSK	26740	6RB#0	5.51	13	PASS
Band26(814-824)	1.4MHz	16QAM	26740	6RB#0	6.38	13	PASS
Band26(814-824)	1.4MHz	QPSK	26783	1RB#0	5.51	13	PASS
Band26(814-824)	1.4MHz	16QAM	26783	1RB#0	6.11	13	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	5.65	13	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	6.54	13	PASS
Band26(814-824)	3MHz	QPSK	26705	1RB#0	4.98	13	PASS
Band26(814-824)	3MHz	16QAM	26705	1RB#0	5.92	13	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	5.45	13	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	6.24	13	PASS
Band26(814-824)	3MHz	QPSK	26740	1RB#0	4.89	13	PASS
Band26(814-824)	3MHz	16QAM	26740	1RB#0	5.65	13	PASS

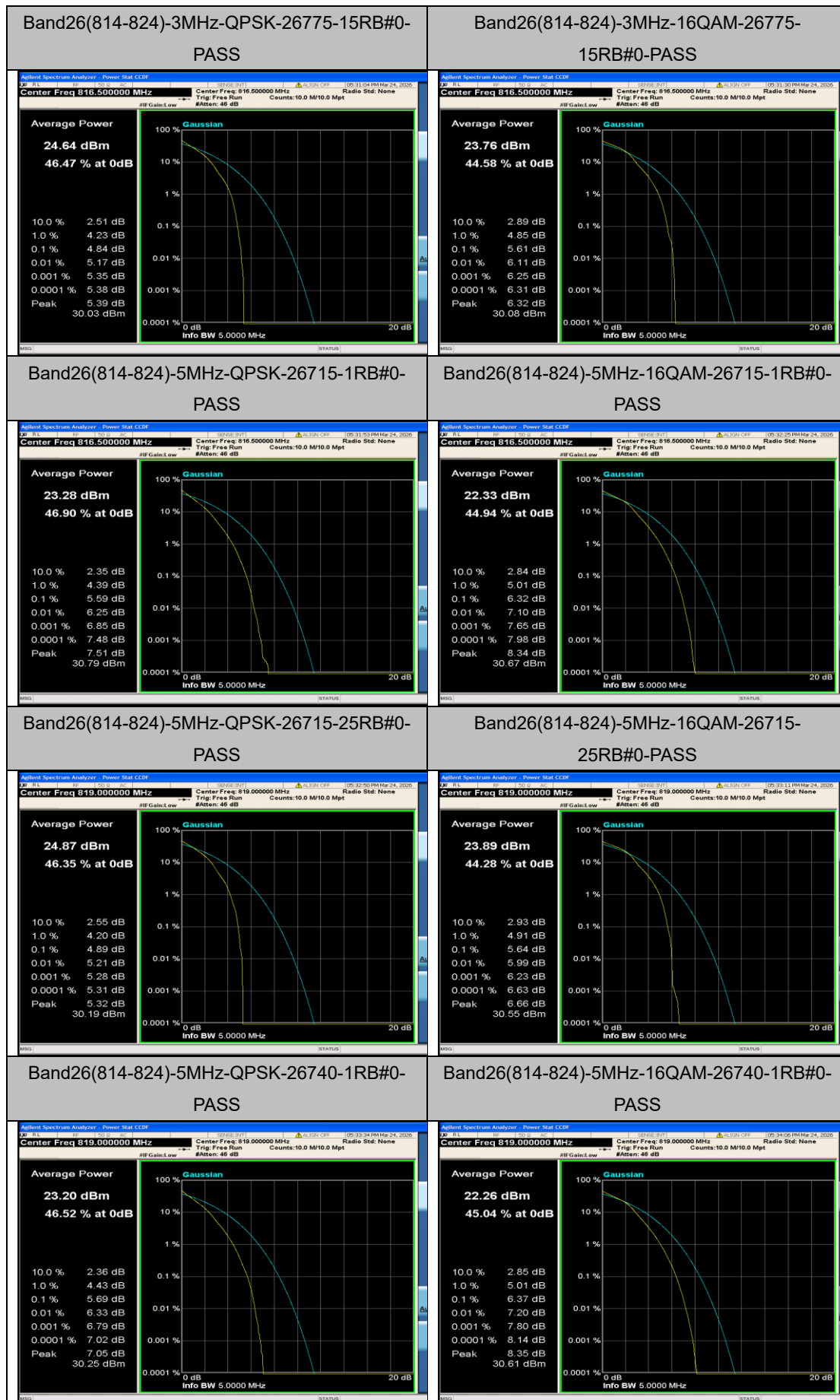
Band26(814-824)	3MHz	QPSK	26740	15RB#0	5.40	13	PASS
Band26(814-824)	3MHz	16QAM	26740	15RB#0	6.24	13	PASS
Band26(814-824)	3MHz	QPSK	26775	1RB#0	5.32	13	PASS
Band26(814-824)	3MHz	16QAM	26775	1RB#0	6.38	13	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	5.54	13	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	6.41	13	PASS
Band26(814-824)	5MHz	QPSK	26715	1RB#0	4.84	13	PASS
Band26(814-824)	5MHz	16QAM	26715	1RB#0	5.61	13	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	5.59	13	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	6.32	13	PASS
Band26(814-824)	5MHz	QPSK	26740	1RB#0	4.89	13	PASS
Band26(814-824)	5MHz	16QAM	26740	1RB#0	5.64	13	PASS
Band26(814-824)	5MHz	QPSK	26740	25RB#0	5.69	13	PASS
Band26(814-824)	5MHz	16QAM	26740	25RB#0	6.37	13	PASS
Band26(814-824)	5MHz	QPSK	26765	1RB#0	5.11	13	PASS
Band26(814-824)	5MHz	16QAM	26765	1RB#0	5.82	13	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	5.71	13	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	6.45	13	PASS
Band26(814-824)	10MHz	QPSK	26740	1RB#0	5.12	13	PASS
Band26(814-824)	10MHz	16QAM	26740	1RB#0	5.70	13	PASS
Band26(814-824)	10MHz	QPSK	26740	50RB#0	5.60	13	PASS

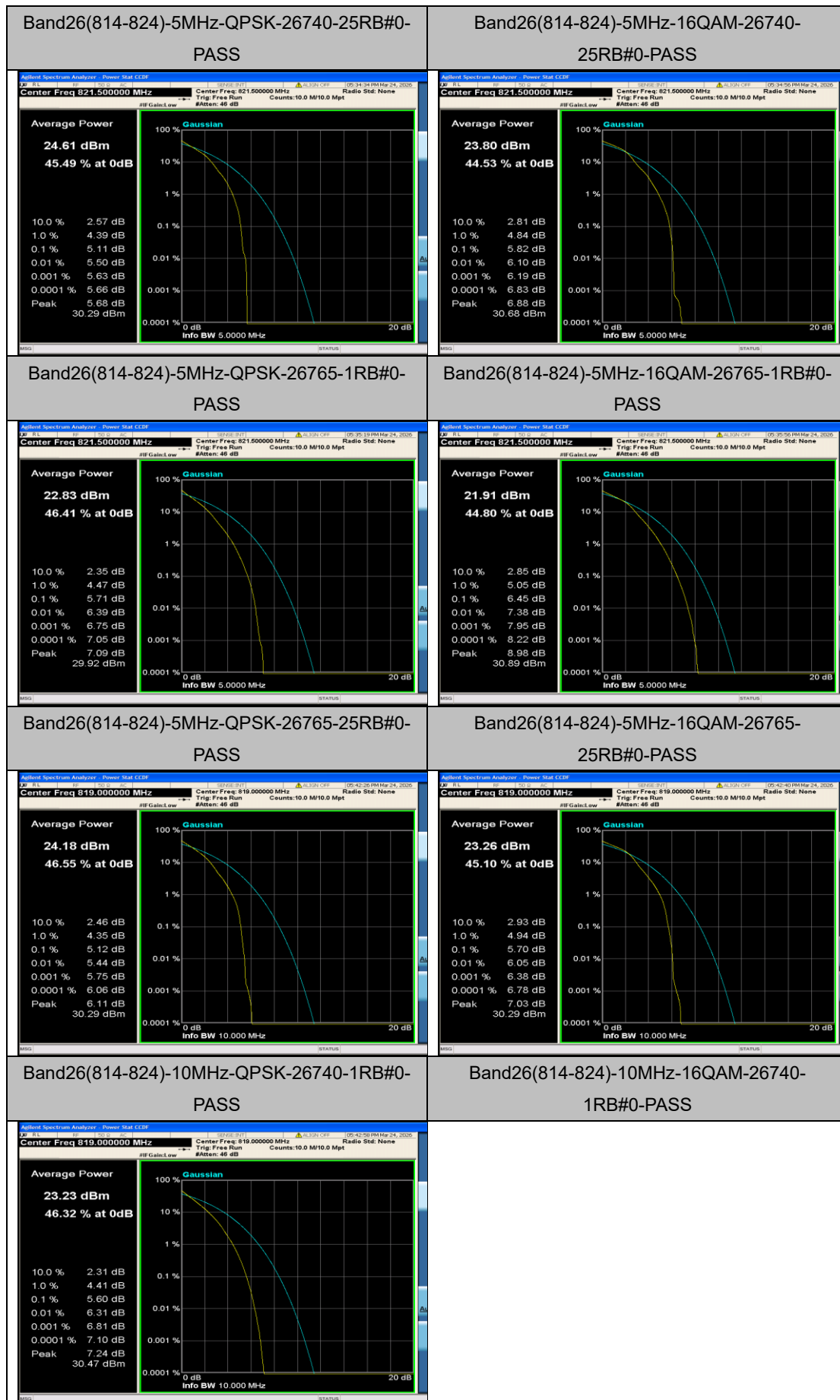
Test Graphs











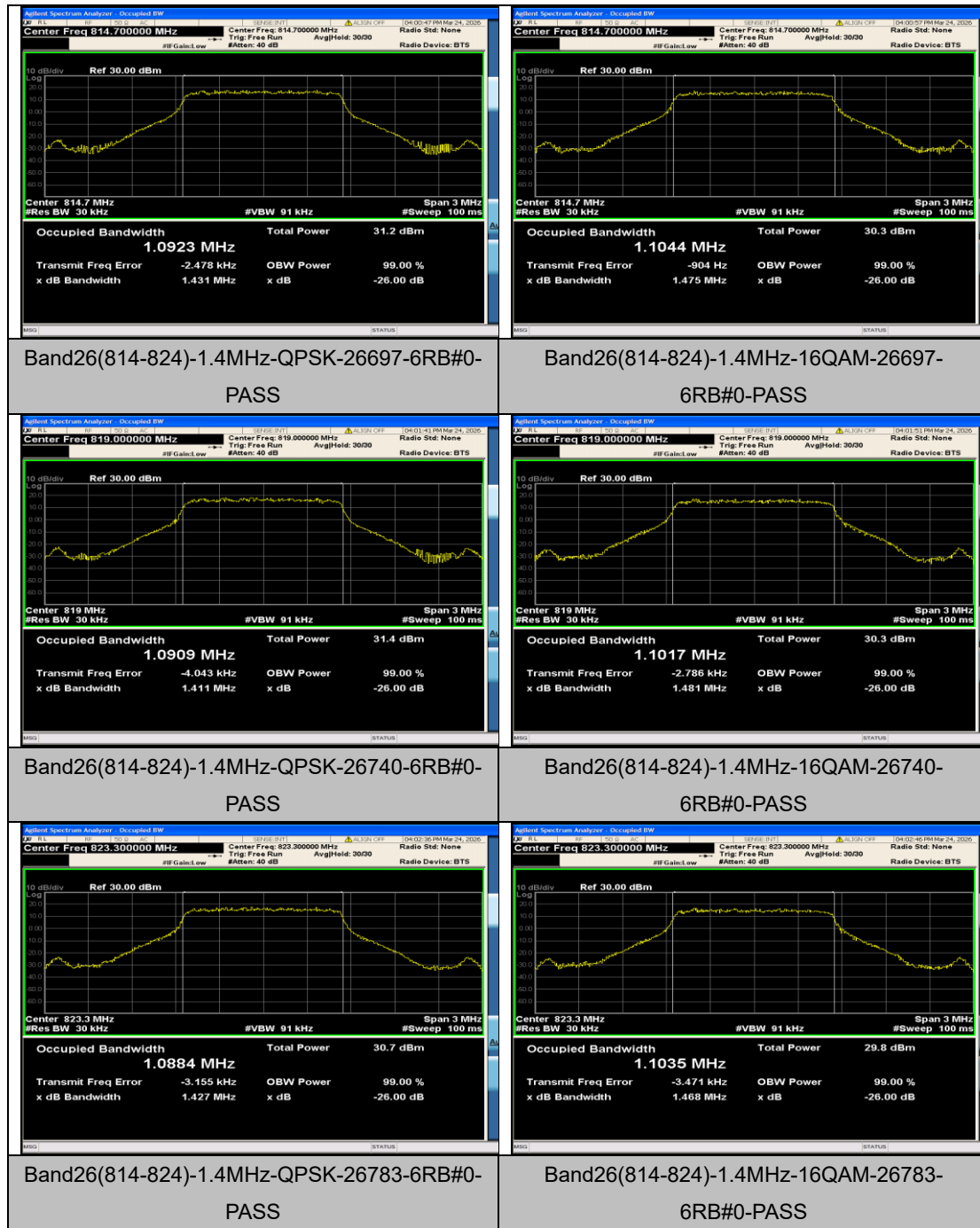
Band26(814-824)-10MHz-QPSK-26740-50RB#0- PASS	
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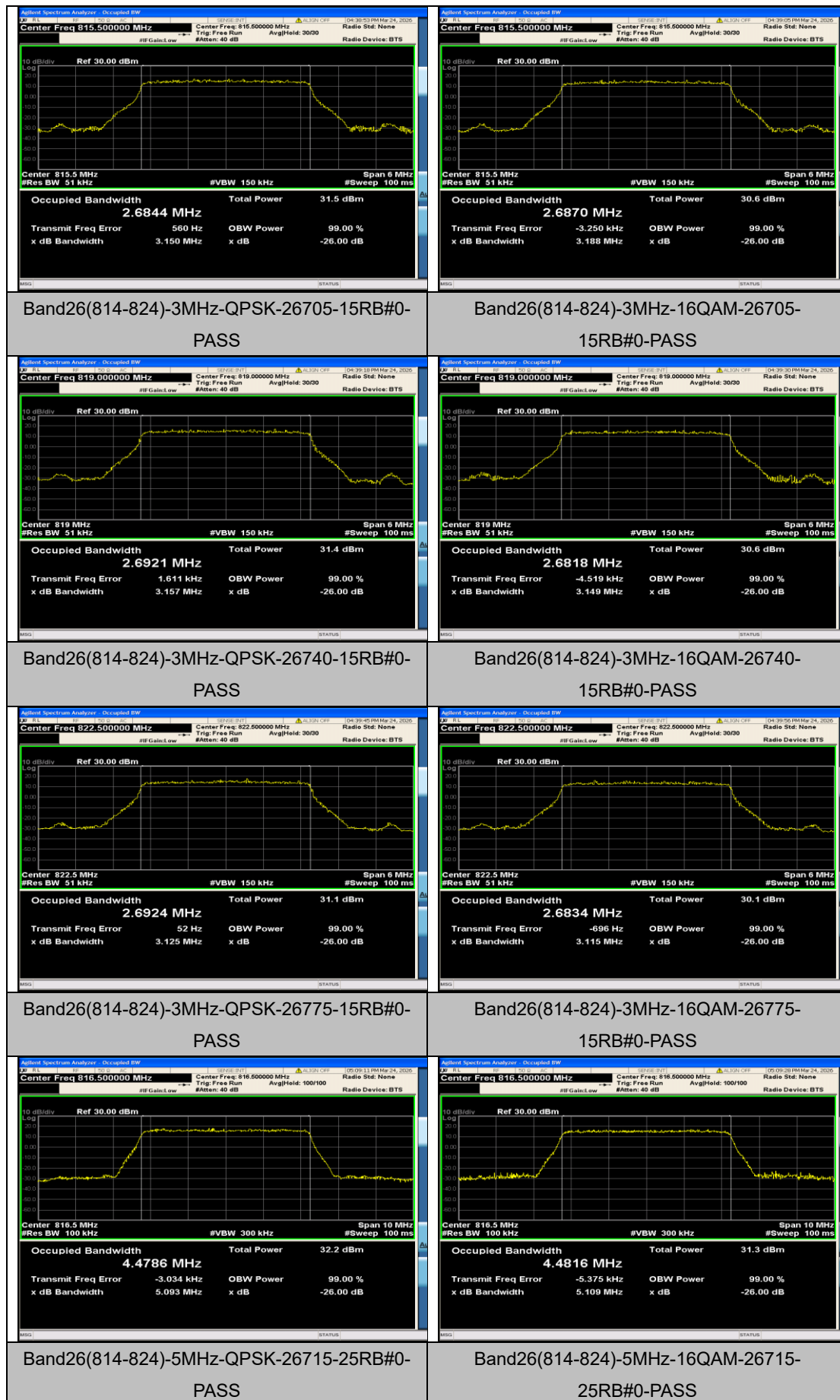
Appendix C: 26dB Bandwidth and Occupied Bandwidth

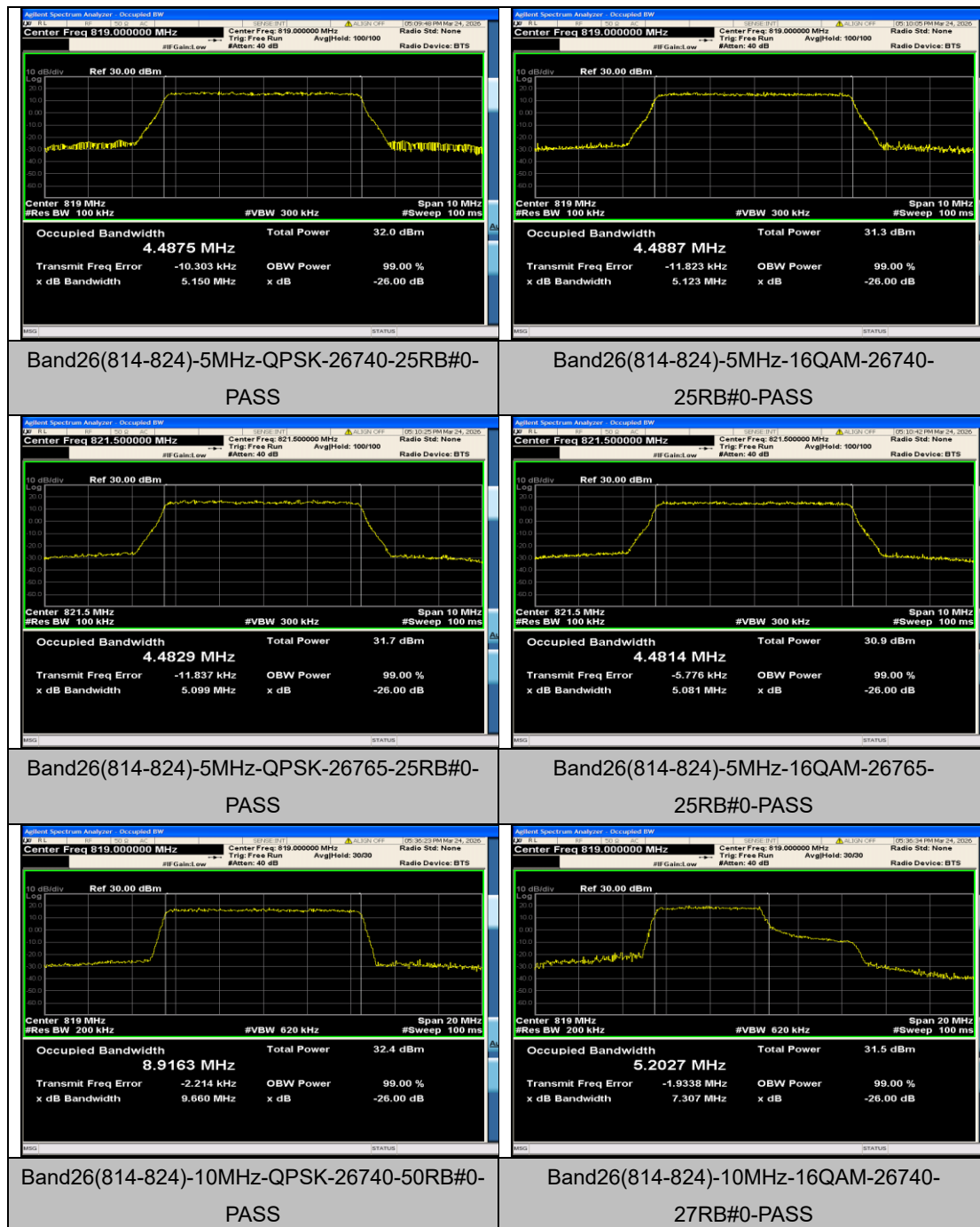
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	1.0923	1.431	PASS
Band26(814-824)	1.4MHz	QPSK	26740	6RB#0	1.0909	1.411	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	1.0884	1.427	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	1.1044	1.475	PASS
Band26(814-824)	1.4MHz	16QAM	26740	6RB#0	1.1017	1.481	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	1.1035	1.468	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	2.6844	3.150	PASS
Band26(814-824)	3MHz	QPSK	26740	15RB#0	2.6921	3.157	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	2.6924	3.125	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	2.6870	3.188	PASS
Band26(814-824)	3MHz	16QAM	26740	15RB#0	2.6818	3.149	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	2.6834	3.115	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	4.4786	5.093	PASS
Band26(814-824)	5MHz	QPSK	26740	25RB#0	4.4875	5.150	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	4.4829	5.099	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	4.4816	5.109	PASS
Band26(814-824)	5MHz	16QAM	26740	25RB#0	4.4887	5.123	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	4.4814	5.081	PASS
Band26(814-824)	10MHz	QPSK	26740	50RB#0	8.9163	9.660	PASS
Band26(814-824)	10MHz	16QAM	26740	27RB#0	5.2027	7.307	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	1RB#0	-26.48	PASS
Band26(814-824)	1.4MHz	16QAM	26697	1RB#0	-25.46	PASS
Band26(814-824)	1.4MHz	QPSK	26697	1RB#5	-23.77	PASS
Band26(814-824)	1.4MHz	16QAM	26697	1RB#5	-28.65	PASS
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	-32.67	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	-32.88	PASS
Band26(814-824)	1.4MHz	QPSK	26783	1RB#0	-27.33	PASS
Band26(814-824)	1.4MHz	16QAM	26783	1RB#0	-25.45	PASS
Band26(814-824)	1.4MHz	QPSK	26783	1RB#5	-25.03	PASS
Band26(814-824)	1.4MHz	16QAM	26783	1RB#5	-28.17	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	-31.94	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	-33.06	PASS
Band26(814-824)	3MHz	QPSK	26705	1RB#0	-25.63	PASS
Band26(814-824)	3MHz	16QAM	26705	1RB#0	-26.08	PASS
Band26(814-824)	3MHz	QPSK	26705	1RB#14	-26.66	PASS
Band26(814-824)	3MHz	16QAM	26705	1RB#14	-22.53	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	-34.98	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	-37.22	PASS
Band26(814-824)	3MHz	QPSK	26775	1RB#0	-25.35	PASS

824)						
Band26(814-824)	3MHz	16QAM	26775	1RB#0	-25.56	PASS
Band26(814-824)	3MHz	QPSK	26775	1RB#14	-21.08	PASS
Band26(814-824)	3MHz	16QAM	26775	1RB#14	-25.71	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	-29.14	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	-29.19	PASS
Band26(814-824)	5MHz	QPSK	26715	1RB#0	-30.93	PASS
Band26(814-824)	5MHz	16QAM	26715	1RB#0	-30.20	PASS
Band26(814-824)	5MHz	QPSK	26715	1RB#24	-32.29	PASS
Band26(814-824)	5MHz	16QAM	26715	1RB#24	-33.02	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	-41.74	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	-35.04	PASS
Band26(814-824)	5MHz	QPSK	26765	1RB#0	-31.43	PASS
Band26(814-824)	5MHz	16QAM	26765	1RB#0	-31.89	PASS
Band26(814-824)	5MHz	QPSK	26765	1RB#24	-31.95	PASS
Band26(814-824)	5MHz	16QAM	26765	1RB#24	-31.78	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	-38.33	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	-39.76	PASS
Band26(814-824)	10MHz	QPSK	26740	1RB#0	-48.62	PASS
Band26(814-824)	10MHz	16QAM	26740	1RB#0	-40.82	PASS
Band26(814-824)	10MHz	QPSK	26740	1RB#49	-44.24	PASS
Band26(814-824)	10MHz	16QAM	26740	1RB#49	-48.53	PASS

Band26(814-824)	10MHz	QPSK	26740	50RB#0	-39.74	PASS
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Test Graphs

