

FCC Appendix RF Test Data for LTE Band 26-1

FCC ID : 2A3DR-AGMN2

Company : AGM MOBILE LIMITED

EUT : 4G smart Phone

Model Number : AGM_NOTE_N2

Report No. : CTA26041102308

Reviewed By : Eric Wang

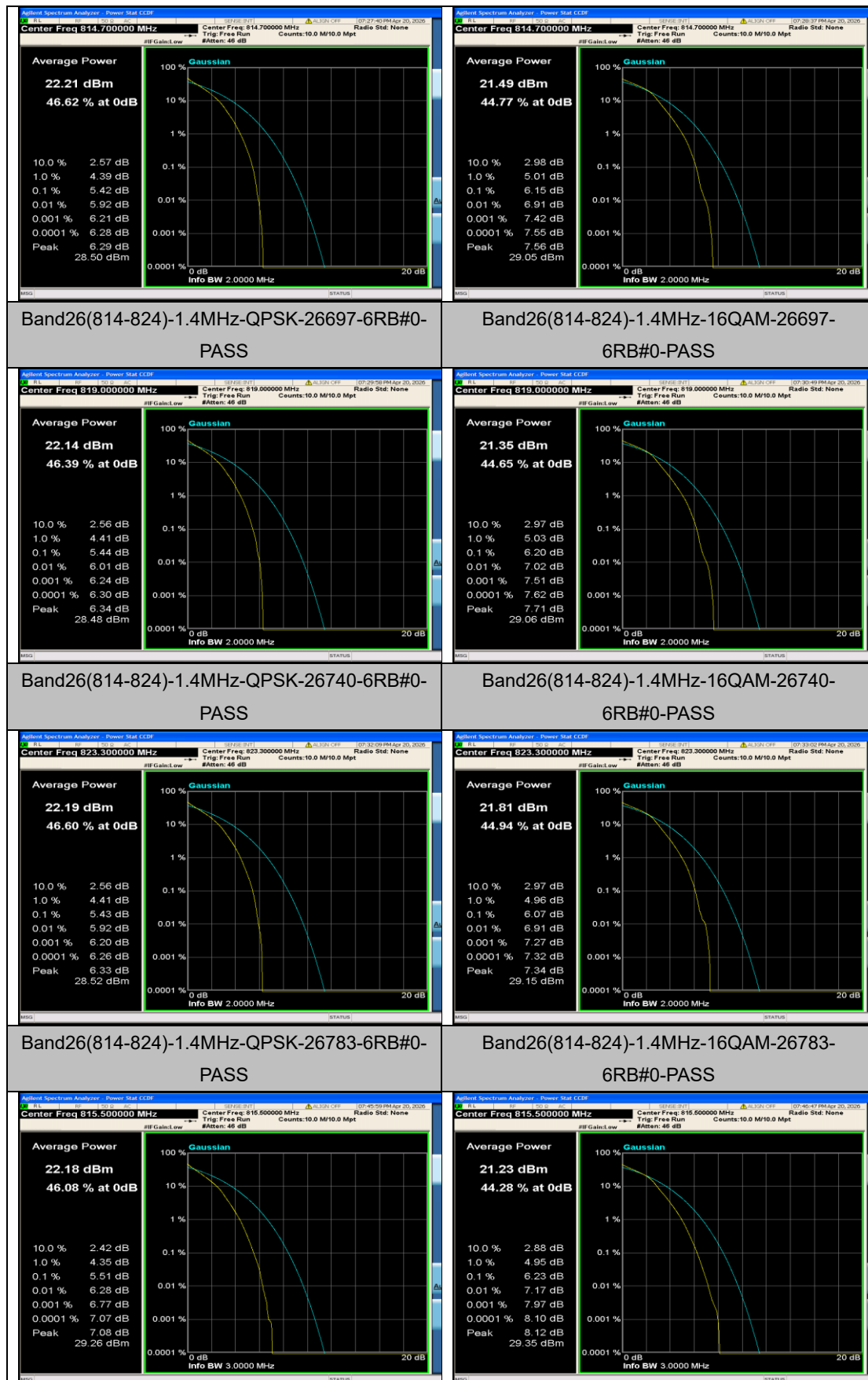
Appendix A: Peak-to-Average Ratio(CCDF)

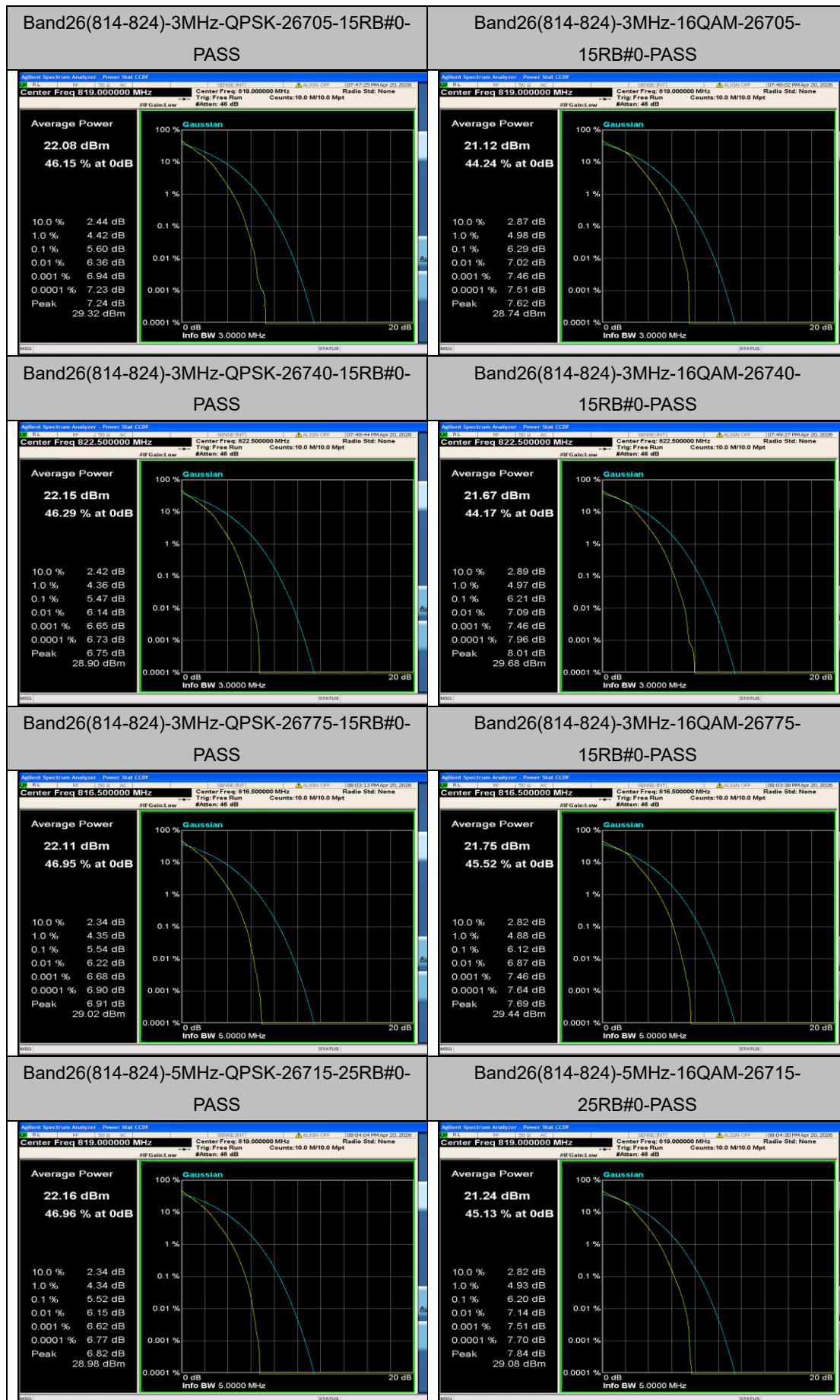
Test Result

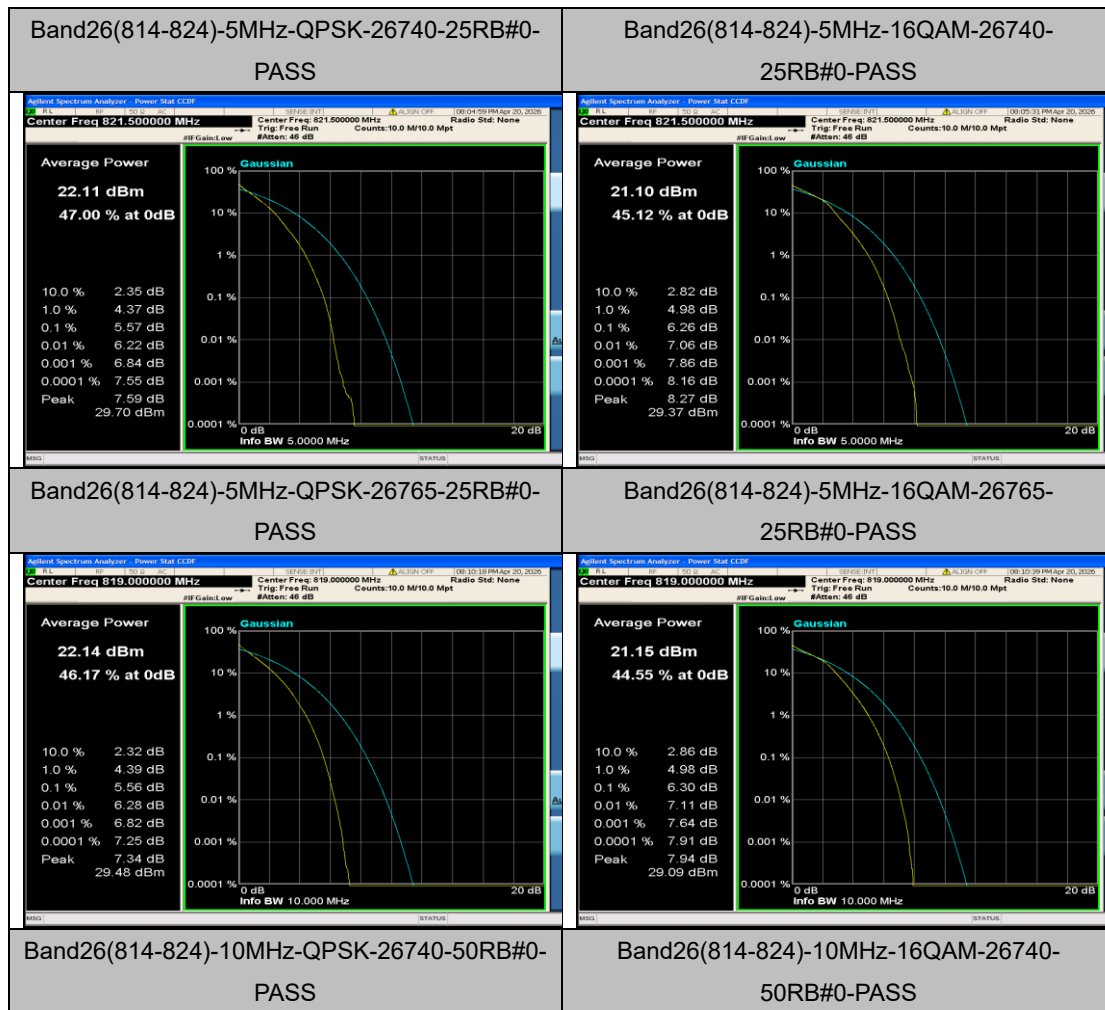
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	5.42	13	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	6.15	13	PASS
Band26(814-824)	1.4MHz	QPSK	26740	6RB#0	5.44	13	PASS
Band26(814-824)	1.4MHz	16QAM	26740	6RB#0	6.20	13	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	5.43	13	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	6.07	13	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	5.51	13	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	6.23	13	PASS
Band26(814-824)	3MHz	QPSK	26740	15RB#0	5.60	13	PASS
Band26(814-824)	3MHz	16QAM	26740	15RB#0	6.29	13	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	5.47	13	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	6.21	13	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	5.54	13	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	6.12	13	PASS
Band26(814-824)	5MHz	QPSK	26740	25RB#0	5.52	13	PASS
Band26(814-824)	5MHz	16QAM	26740	25RB#0	6.20	13	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	5.57	13	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	6.26	13	PASS

Band26(814-824)	10MHz	QPSK	26740	50RB#0	5.56	13	PASS
Band26(814-824)	10MHz	16QAM	26740	50RB#0	6.30	13	PASS

Test Graphs





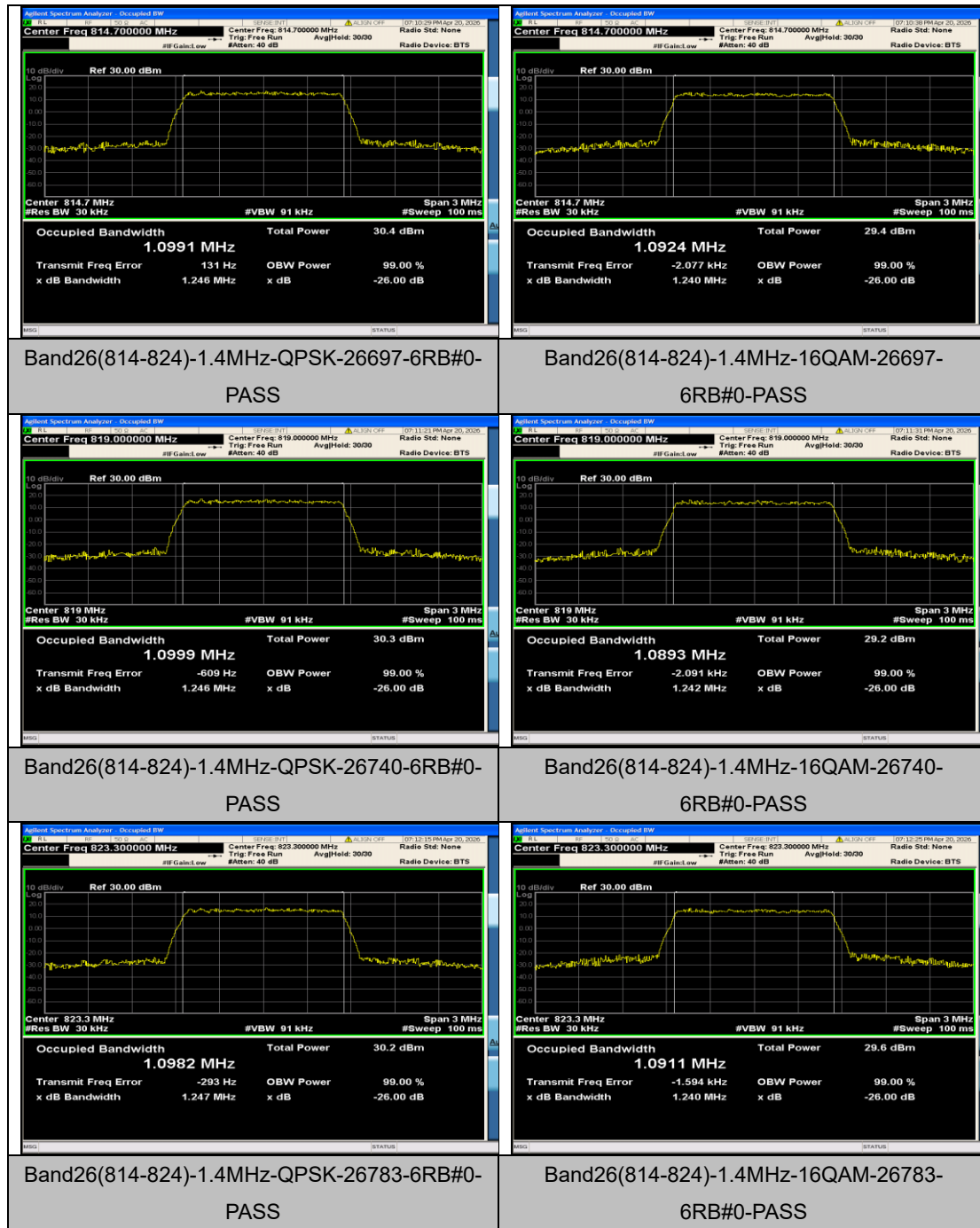


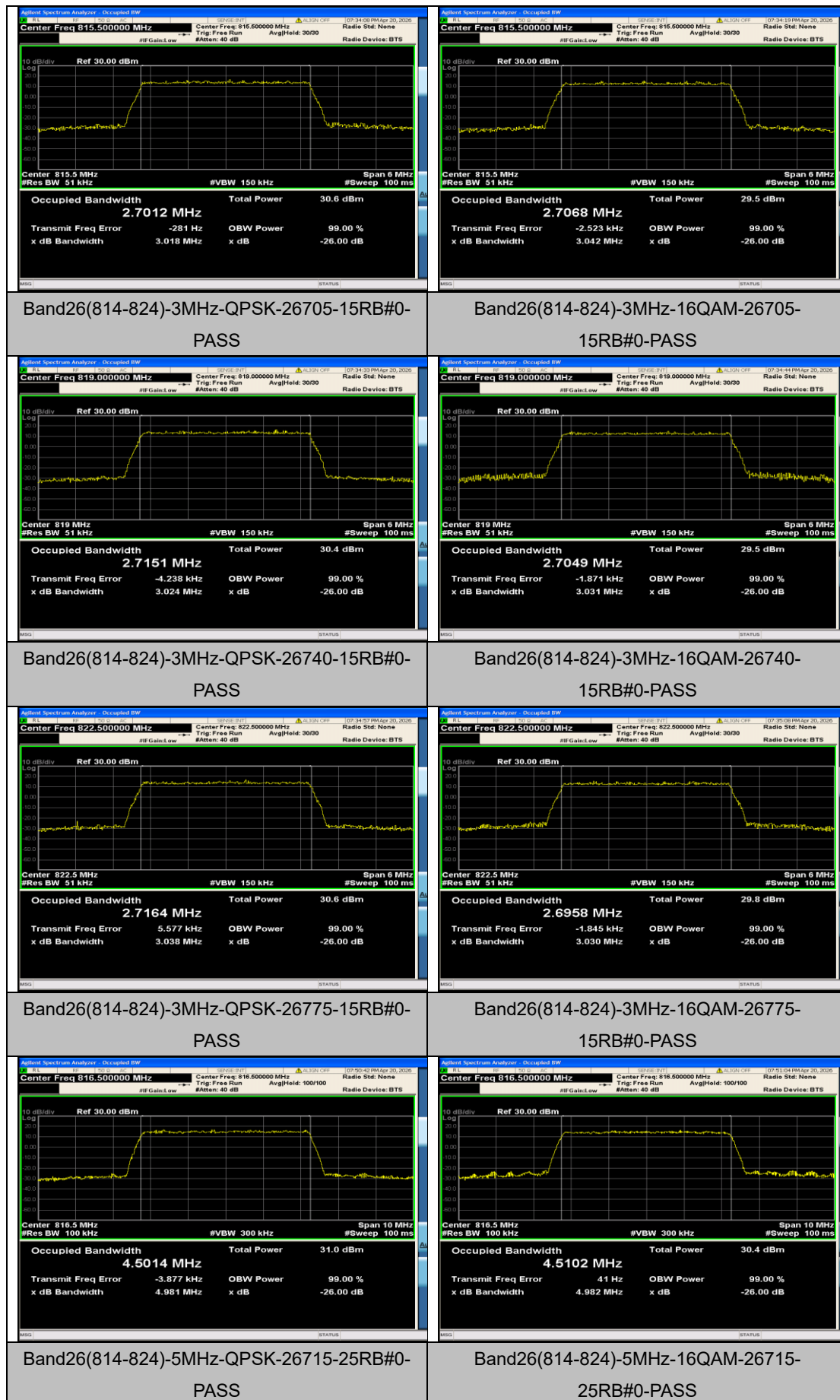
Appendix B: 26dB Bandwidth and Occupied Bandwidth

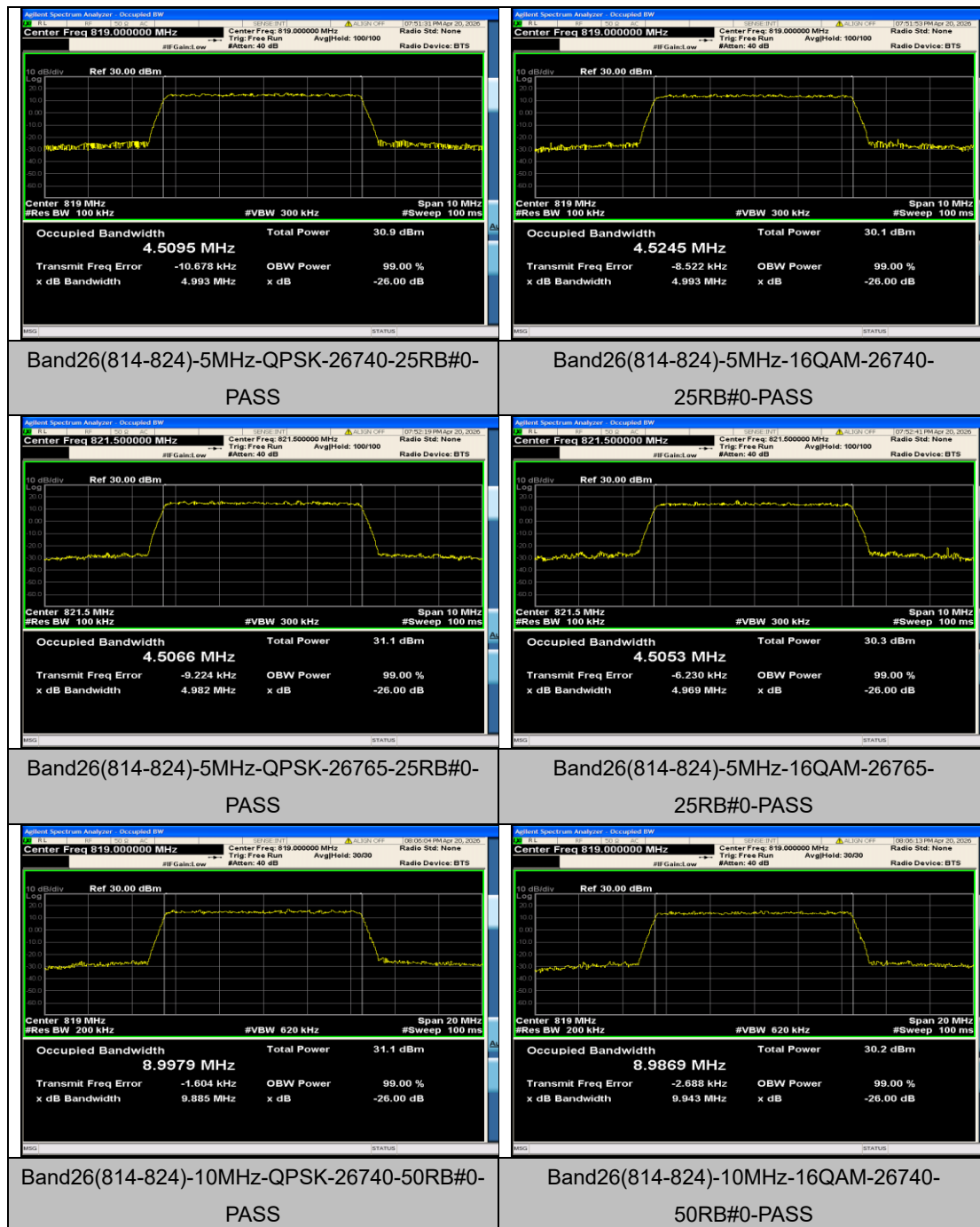
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	1.0991	1.246	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	1.0924	1.240	PASS
Band26(814-824)	1.4MHz	QPSK	26740	6RB#0	1.0999	1.246	PASS
Band26(814-824)	1.4MHz	16QAM	26740	6RB#0	1.0893	1.242	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	1.0982	1.247	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	1.0911	1.240	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	2.7012	3.018	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	2.7068	3.042	PASS
Band26(814-824)	3MHz	QPSK	26740	15RB#0	2.7151	3.024	PASS
Band26(814-824)	3MHz	16QAM	26740	15RB#0	2.7049	3.031	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	2.7164	3.038	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	2.6958	3.030	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	4.5014	4.981	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	4.5102	4.982	PASS
Band26(814-824)	5MHz	QPSK	26740	25RB#0	4.5095	4.993	PASS
Band26(814-824)	5MHz	16QAM	26740	25RB#0	4.5245	4.993	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	4.5066	4.982	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	4.5053	4.969	PASS
Band26(814-824)	10MHz	QPSK	26740	50RB#0	8.9979	9.885	PASS
Band26(814-824)	10MHz	16QAM	26740	50RB#0	8.9869	9.943	PASS

Test Graphs





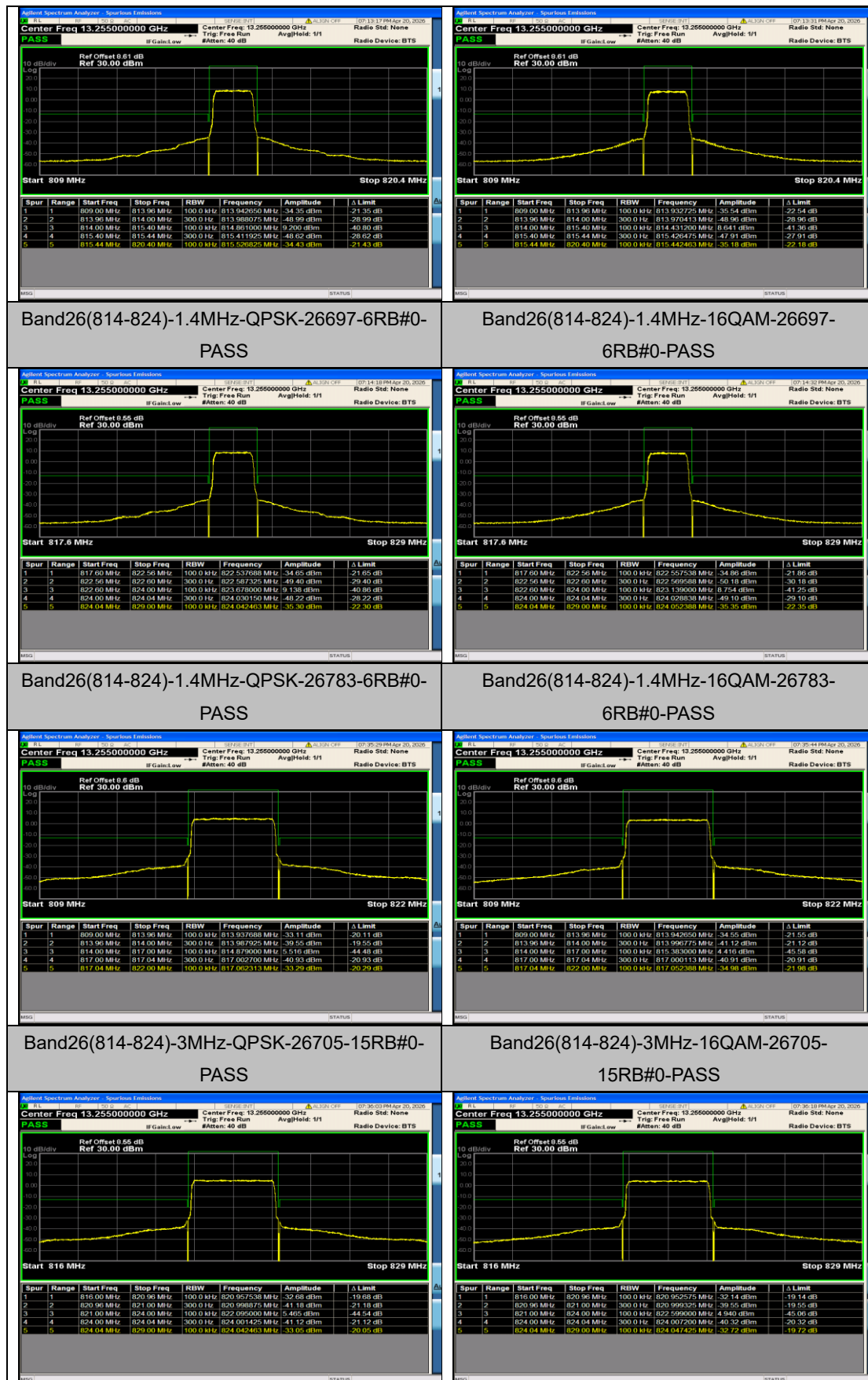


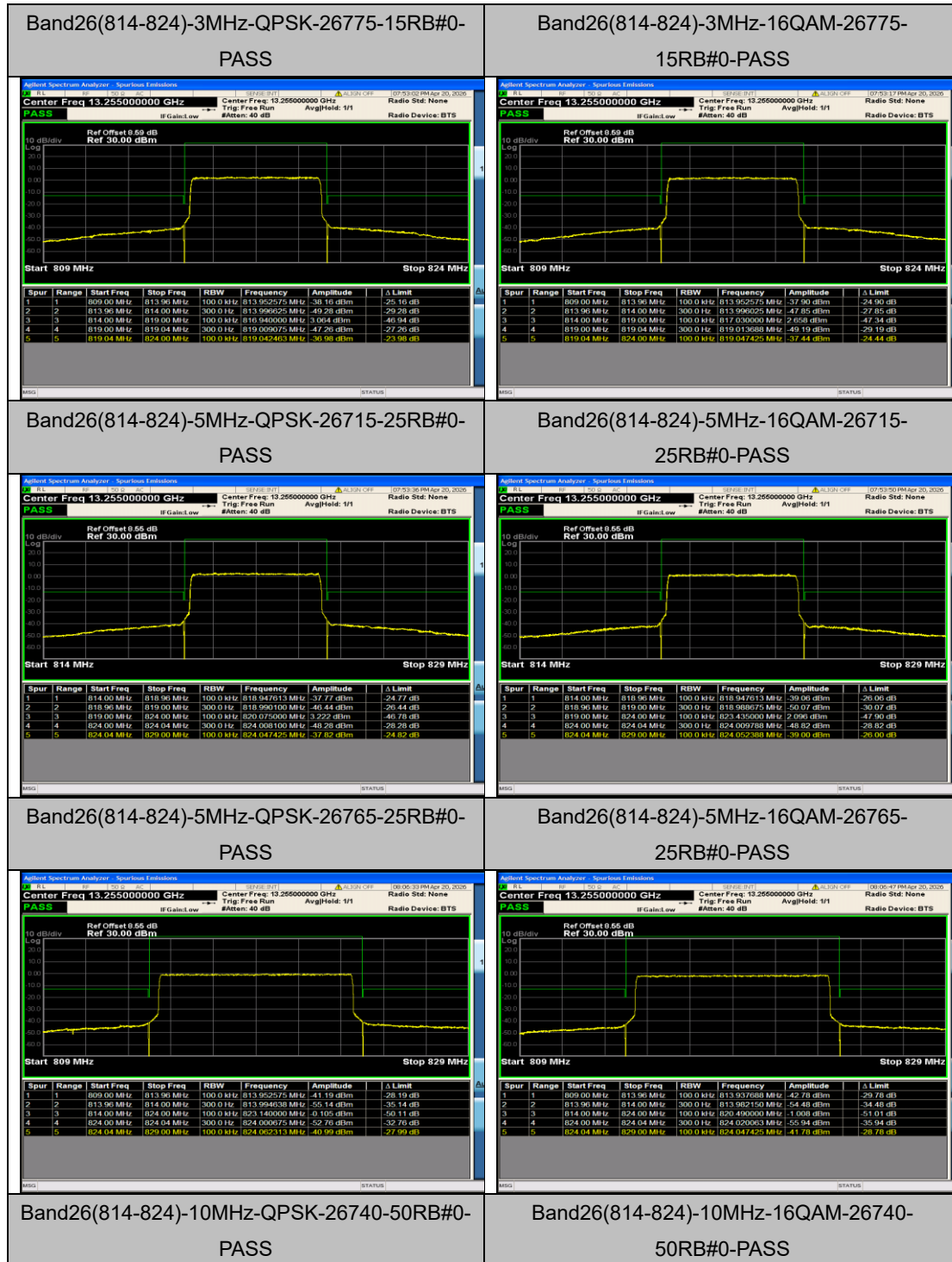
Appendix C: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	-34.35	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	-35.18	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	-34.65	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	-34.86	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	-39.55	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	-40.91	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	-32.68	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	-32.14	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	-36.98	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	-37.44	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	-37.77	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	-39.00	PASS
Band26(814-824)	10MHz	QPSK	26740	50RB#0	-40.99	PASS
Band26(814-824)	10MHz	16QAM	26740	50RB#0	-41.78	PASS

Test Graphs





Appendix D: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	0.009~0.15	-58.90	PASS
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	0.15~30	-51.37	PASS
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	30~1000	-58.37	PASS
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	1000~3000	-46.05	PASS
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	3000~10000	-44.02	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	0.009~0.15	-59.82	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	0.15~30	-53.09	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	30~1000	-58.09	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	1000~3000	-47.52	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	3000~10000	-43.94	PASS
Band26(814-824)	1.4MHz	QPSK	26740	6RB#0	0.009~0.15	-60.78	PASS
Band26(814-824)	1.4MHz	QPSK	26740	6RB#0	0.15~30	-50.74	PASS
Band26(814-824)	1.4MHz	QPSK	26740	6RB#0	30~1000	-57.87	PASS
Band26(814-824)	1.4MHz	QPSK	26740	6RB#0	1000~3000	-45.87	PASS
Band26(814-824)	1.4MHz	QPSK	26740	6RB#0	3000~10000	-43.83	PASS
Band26(814-824)	1.4MHz	16QAM	26740	6RB#0	0.009~0.15	-60.51	PASS
Band26(814-824)	1.4MHz	16QAM	26740	6RB#0	0.15~30	-51.43	PASS
Band26(814-824)	1.4MHz	16QAM	26740	6RB#0	30~1000	-58.09	PASS

Band26(814-824)	1.4MHz	16QAM	26740	6RB#0	1000~3000	-46.42	PASS
Band26(814-824)	1.4MHz	16QAM	26740	6RB#0	3000~1000 0	-44.00	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	0.009~0.15	-60.78	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	0.15~30	-53.16	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	30~1000	-58.36	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	1000~3000	-47.52	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	3000~1000 0	-43.77	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	0.009~0.15	-60.94	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	0.15~30	-51.30	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	30~1000	-57.92	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	1000~3000	-47.77	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	3000~1000 0	-43.39	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	0.009~0.15	-59.37	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	0.15~30	-51.32	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	30~1000	-53.26	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	1000~3000	-48.18	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	3000~1000 0	-43.73	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	0.009~0.15	-60.87	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	0.15~30	-52.10	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	30~1000	-53.67	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	1000~3000	-48.18	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	3000~1000 0	-43.95	PASS

Band26(814-824)	3MHz	QPSK	26740	15RB#0	0.009~0.15	-60.75	PASS
Band26(814-824)	3MHz	QPSK	26740	15RB#0	0.15~30	-52.45	PASS
Band26(814-824)	3MHz	QPSK	26740	15RB#0	30~1000	-57.04	PASS
Band26(814-824)	3MHz	QPSK	26740	15RB#0	1000~3000	-47.90	PASS
Band26(814-824)	3MHz	QPSK	26740	15RB#0	3000~10000	-44.14	PASS
Band26(814-824)	3MHz	16QAM	26740	15RB#0	0.009~0.15	-58.24	PASS
Band26(814-824)	3MHz	16QAM	26740	15RB#0	0.15~30	-52.76	PASS
Band26(814-824)	3MHz	16QAM	26740	15RB#0	30~1000	-56.65	PASS
Band26(814-824)	3MHz	16QAM	26740	15RB#0	1000~3000	-47.85	PASS
Band26(814-824)	3MHz	16QAM	26740	15RB#0	3000~10000	-44.00	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	0.009~0.15	-60.72	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	0.15~30	-54.43	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	30~1000	-49.72	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	1000~3000	-48.07	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	3000~10000	-44.07	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	0.009~0.15	-59.36	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	0.15~30	-51.88	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	30~1000	-48.81	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	1000~3000	-48.02	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	3000~10000	-43.96	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	0.009~0.15	-60.02	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	0.15~30	-51.57	PASS

Band26(814-824)	5MHz	QPSK	26715	25RB#0	30~1000	-49.59	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	1000~3000	-47.74	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	3000~1000 0	-44.26	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	0.009~0.15	-60.58	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	0.15~30	-52.53	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	30~1000	-46.84	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	1000~3000	-48.02	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	3000~1000 0	-43.92	PASS
Band26(814-824)	5MHz	QPSK	26740	25RB#0	0.009~0.15	-61.32	PASS
Band26(814-824)	5MHz	QPSK	26740	25RB#0	0.15~30	-51.97	PASS
Band26(814-824)	5MHz	QPSK	26740	25RB#0	30~1000	-48.07	PASS
Band26(814-824)	5MHz	QPSK	26740	25RB#0	1000~3000	-47.92	PASS
Band26(814-824)	5MHz	QPSK	26740	25RB#0	3000~1000 0	-44.16	PASS
Band26(814-824)	5MHz	16QAM	26740	25RB#0	0.009~0.15	-60.40	PASS
Band26(814-824)	5MHz	16QAM	26740	25RB#0	0.15~30	-53.33	PASS
Band26(814-824)	5MHz	16QAM	26740	25RB#0	30~1000	-50.50	PASS
Band26(814-824)	5MHz	16QAM	26740	25RB#0	1000~3000	-48.03	PASS
Band26(814-824)	5MHz	16QAM	26740	25RB#0	3000~1000 0	-44.08	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	0.009~0.15	-60.82	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	0.15~30	-54.01	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	30~1000	-45.48	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	1000~3000	-48.03	PASS

Band26(814-824)	5MHz	QPSK	26765	25RB#0	3000~1000 0	-43.94	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	0.009~0.15	-59.29	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	0.15~30	-51.10	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	30~1000	-46.28	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	1000~3000	-48.04	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	3000~1000 0	-43.92	PASS
Band26(814-824)	10MHz	QPSK	26740	50RB#0	0.009~0.15	-59.54	PASS
Band26(814-824)	10MHz	QPSK	26740	50RB#0	0.15~30	-51.89	PASS
Band26(814-824)	10MHz	QPSK	26740	50RB#0	30~1000	-39.32	PASS
Band26(814-824)	10MHz	QPSK	26740	50RB#0	1000~3000	-48.09	PASS
Band26(814-824)	10MHz	QPSK	26740	50RB#0	3000~1000 0	-43.90	PASS
Band26(814-824)	10MHz	16QAM	26740	50RB#0	0.009~0.15	-59.91	PASS
Band26(814-824)	10MHz	16QAM	26740	50RB#0	0.15~30	-52.10	PASS
Band26(814-824)	10MHz	16QAM	26740	50RB#0	30~1000	-41.18	PASS
Band26(814-824)	10MHz	16QAM	26740	50RB#0	1000~3000	-47.80	PASS
Band26(814-824)	10MHz	16QAM	26740	50RB#0	3000~1000 0	-43.77	PASS

Test Graphs

