

Appendix RF Test Data for LTE Band 26

Company: : SIMFINITY COMPANY LIMITED

EUT : MIFI

Model Number : U6

FCC ID : 2BSRS-U6

Report No. : CTA25100901309

Reviewed By : Eric Wang

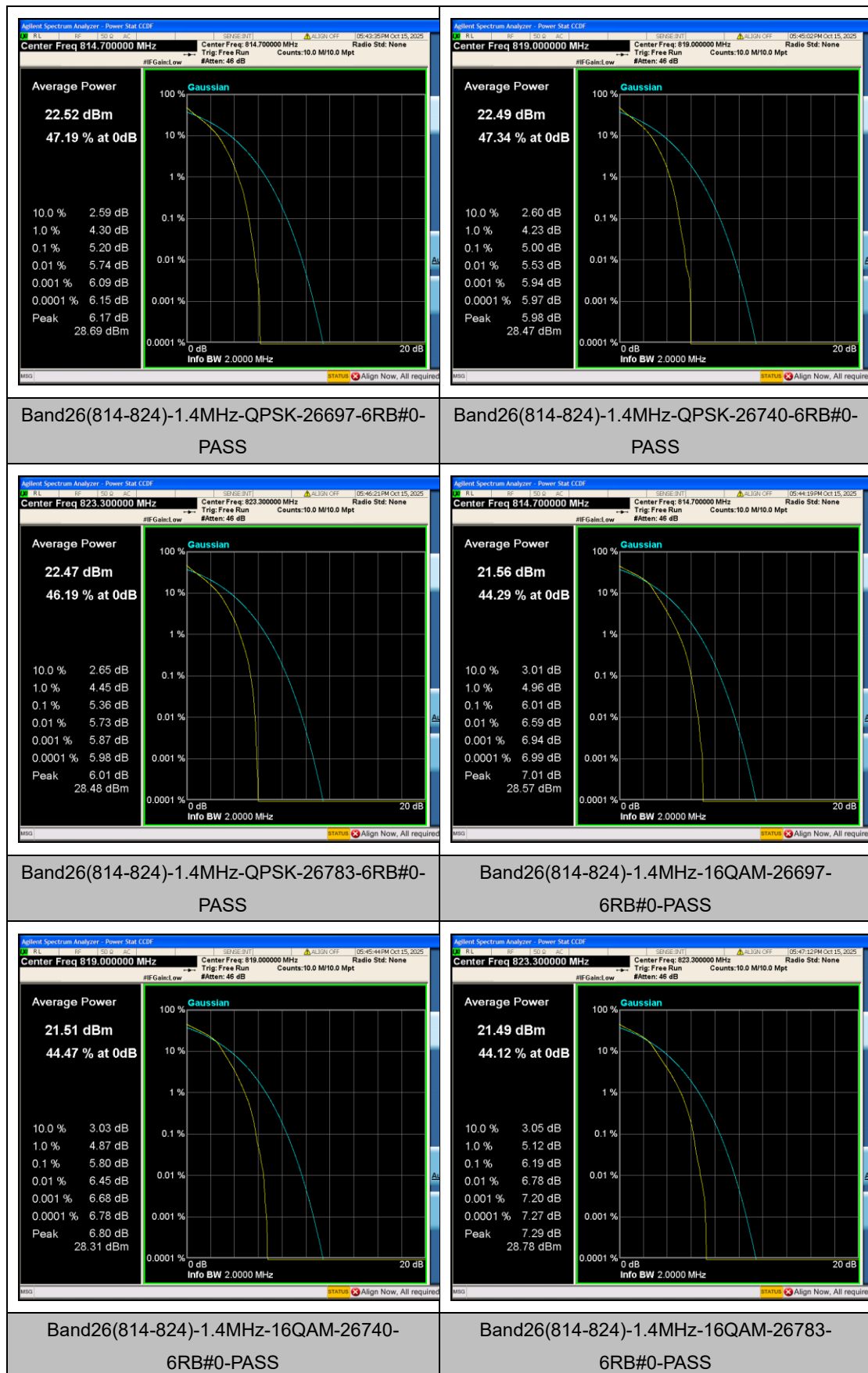
Appendix B: Peak-to-Average Ratio(CCDF)

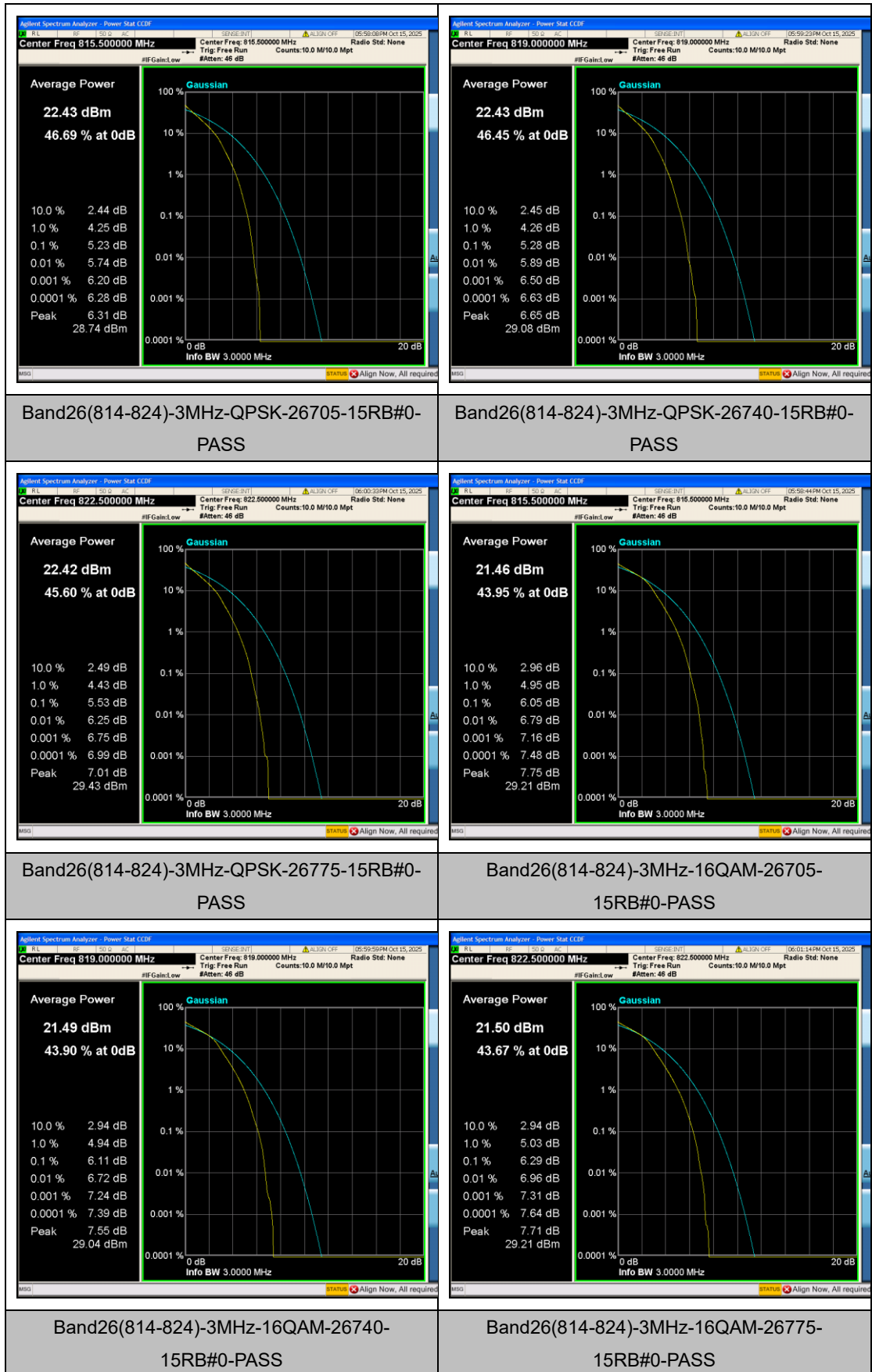
Test Result

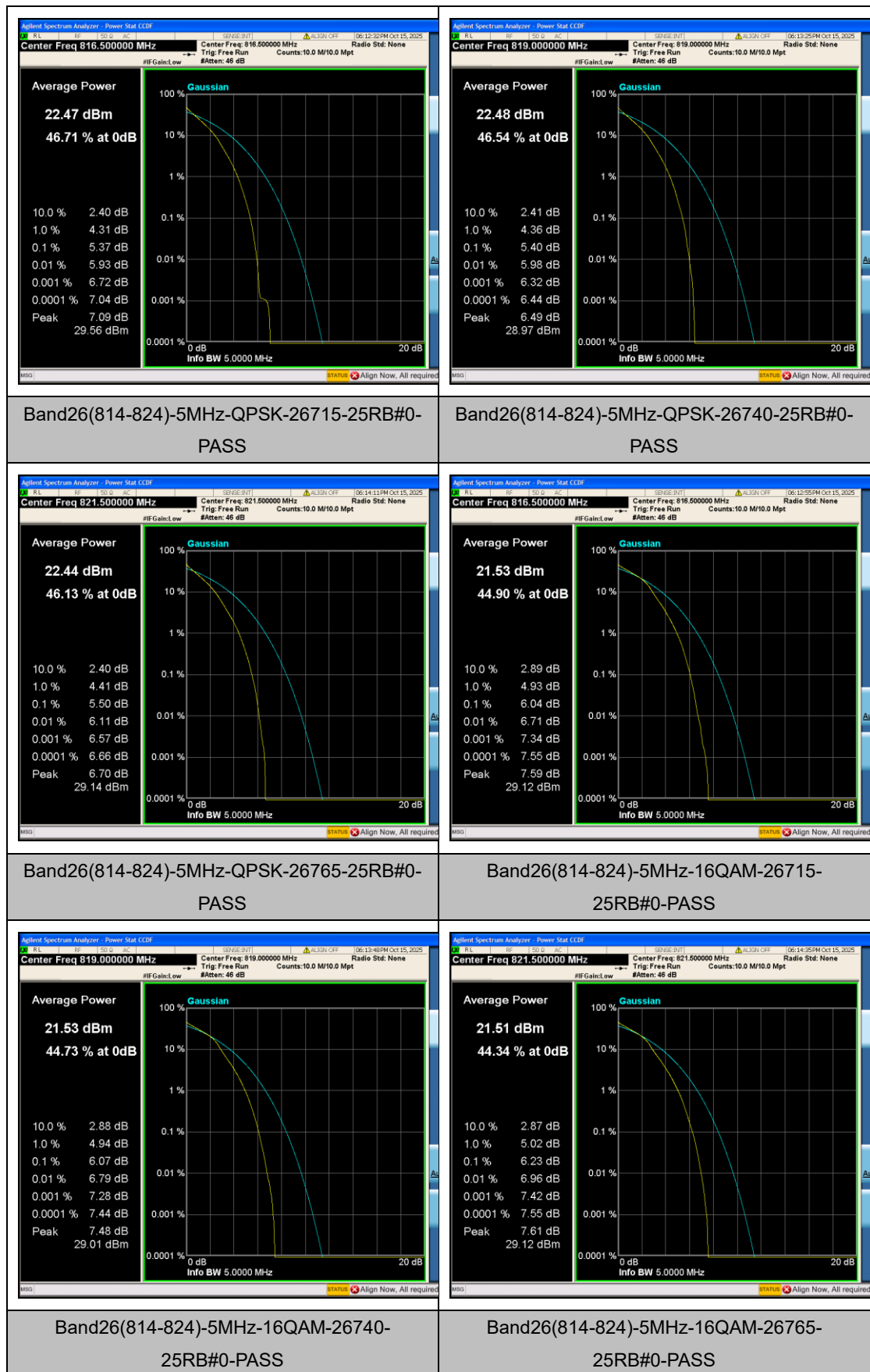
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	5.20	13	PASS
Band26(814-824)	1.4MHz	QPSK	26740	6RB#0	5.00	13	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	5.36	13	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	6.01	13	PASS
Band26(814-824)	1.4MHz	16QAM	26740	6RB#0	5.80	13	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	6.19	13	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	5.23	13	PASS
Band26(814-824)	3MHz	QPSK	26740	15RB#0	5.28	13	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	5.53	13	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	6.05	13	PASS
Band26(814-824)	3MHz	16QAM	26740	15RB#0	6.11	13	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	6.29	13	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	5.37	13	PASS
Band26(814-824)	5MHz	QPSK	26740	25RB#0	5.40	13	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	5.50	13	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	6.04	13	PASS
Band26(814-824)	5MHz	16QAM	26740	25RB#0	6.07	13	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	6.23	13	PASS

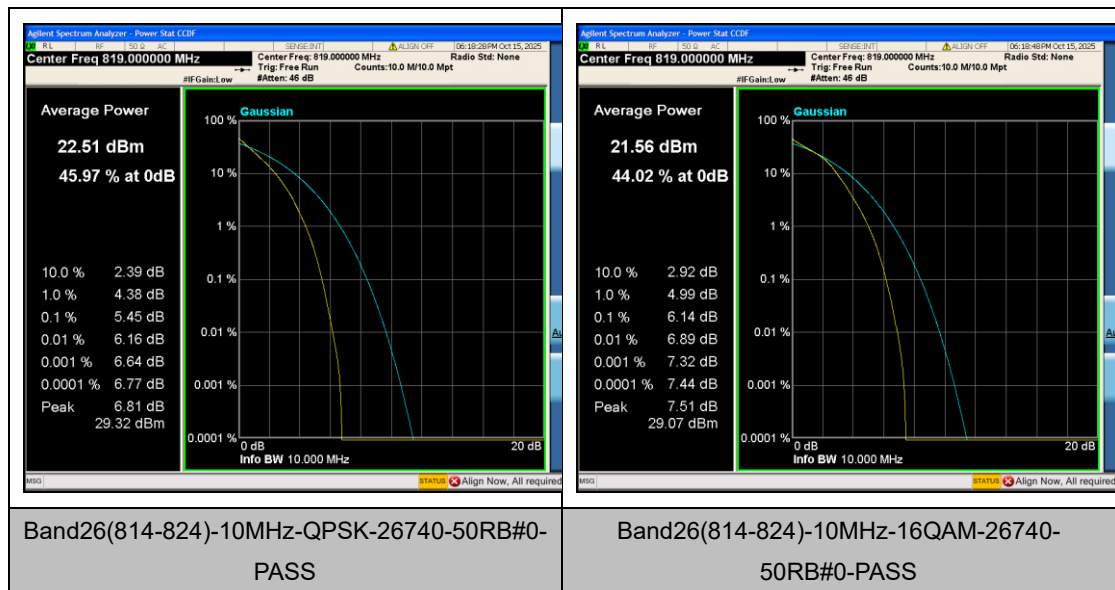
Band26(814-824)	10MHz	QPSK	26740	50RB#0	5.45	13	PASS
Band26(814-824)	10MHz	16QAM	26740	50RB#0	6.14	13	PASS

Test Graphs









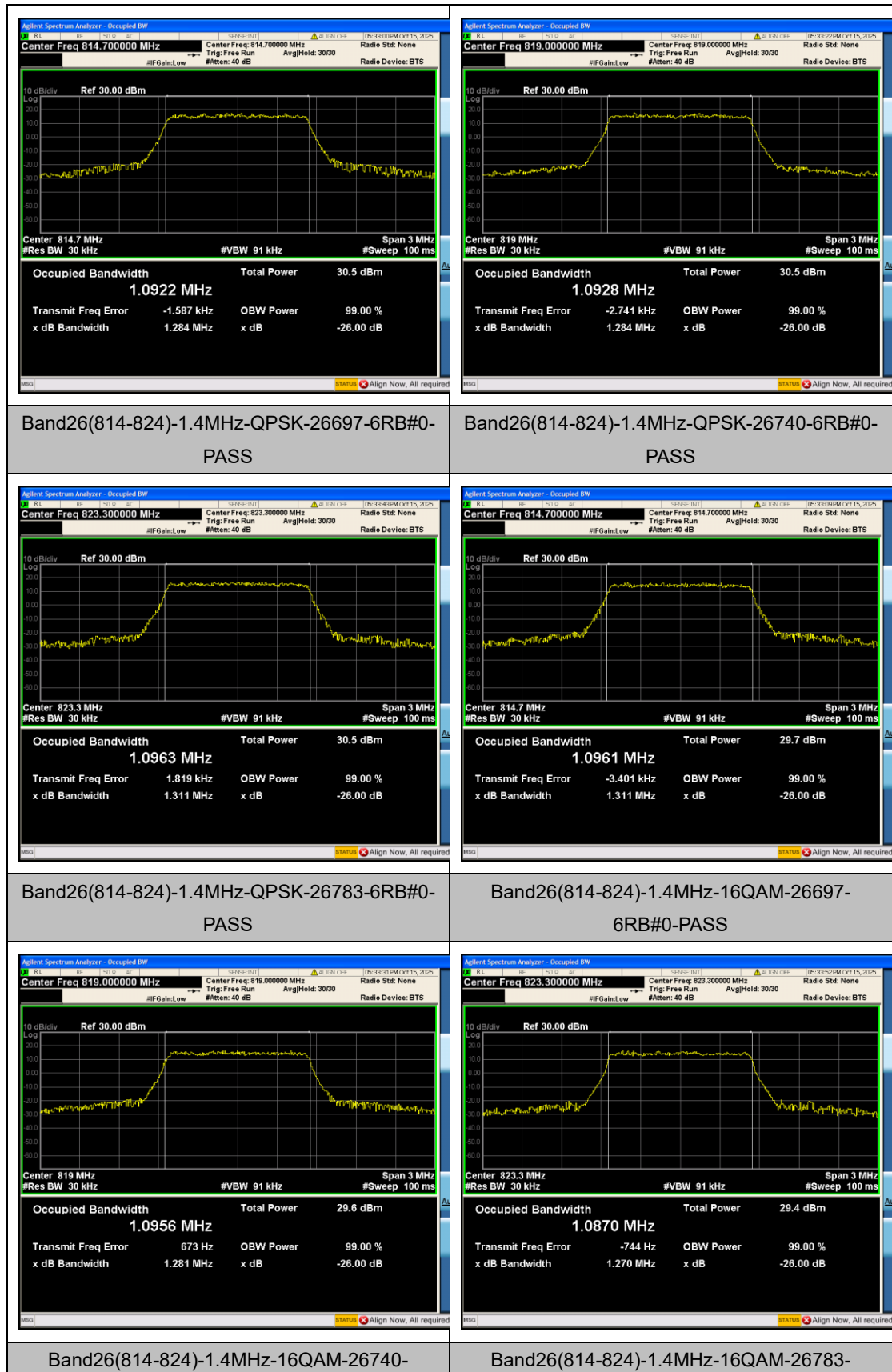
Appendix C: 26dB Bandwidth and Occupied Bandwidth

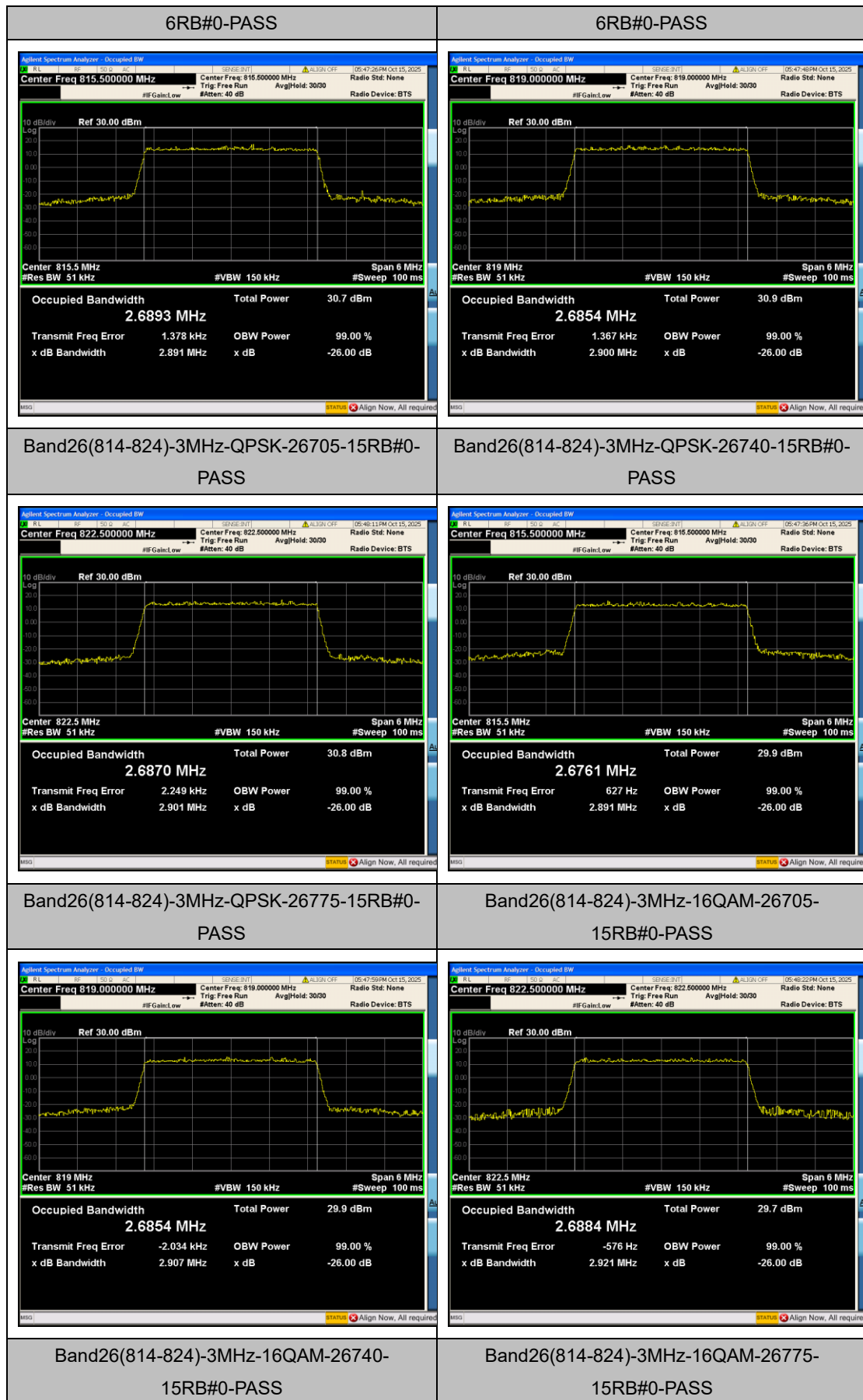
Test Result

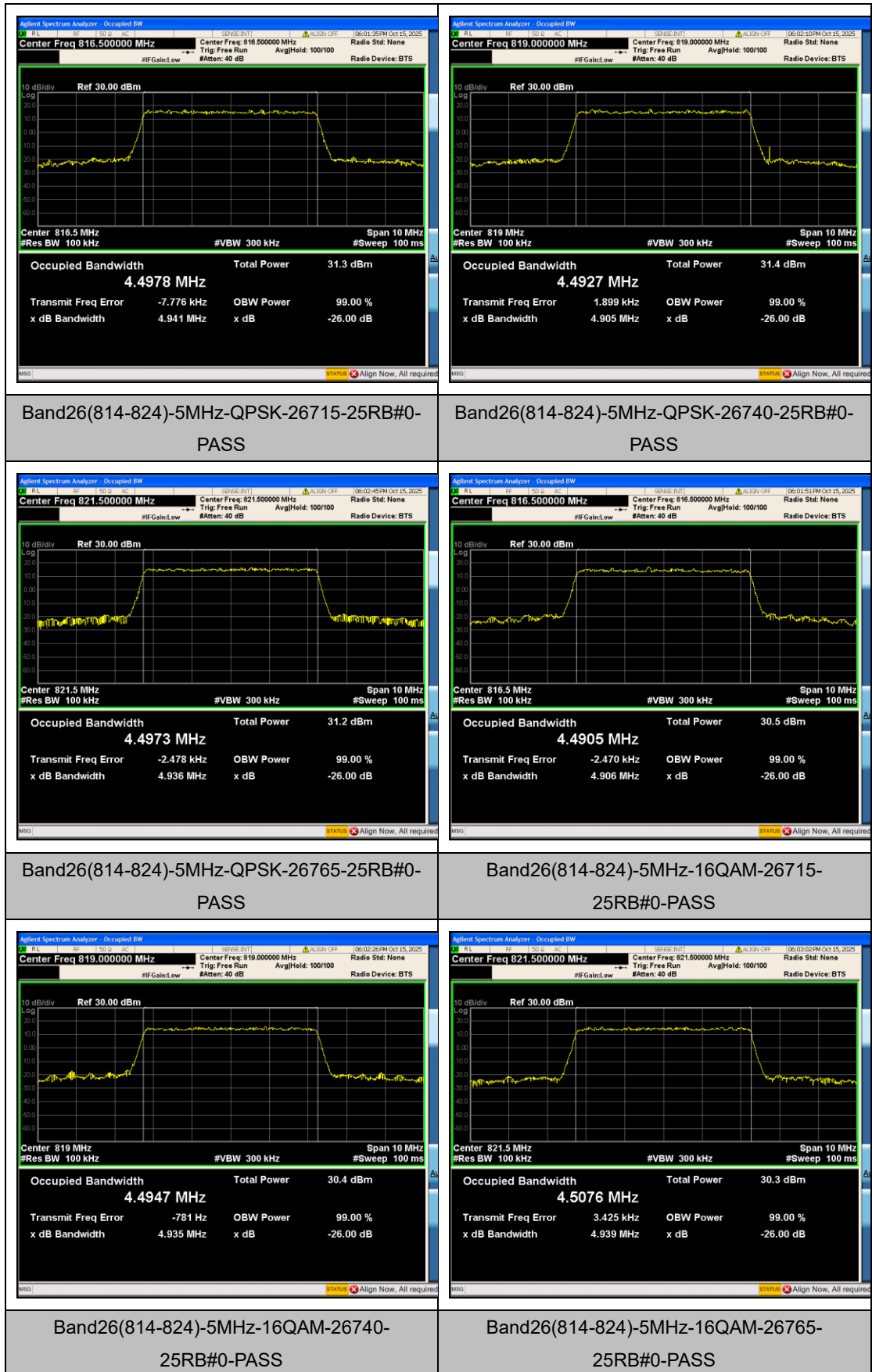
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	1.0922	1.284	PASS
Band26(814-824)	1.4MHz	QPSK	26740	6RB#0	1.0928	1.284	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	1.0963	1.311	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	1.0961	1.311	PASS
Band26(814-824)	1.4MHz	16QAM	26740	6RB#0	1.0956	1.281	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	1.0870	1.270	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	2.6893	2.891	PASS
Band26(814-824)	3MHz	QPSK	26740	15RB#0	2.6854	2.900	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	2.6870	2.901	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	2.6761	2.891	PASS
Band26(814-824)	3MHz	16QAM	26740	15RB#0	2.6854	2.907	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	2.6884	2.921	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	4.4978	4.941	PASS
Band26(814-824)	5MHz	QPSK	26740	25RB#0	4.4927	4.905	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	4.4973	4.936	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	4.4905	4.906	PASS
Band26(814-824)	5MHz	16QAM	26740	25RB#0	4.4947	4.935	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	4.5076	4.939	PASS

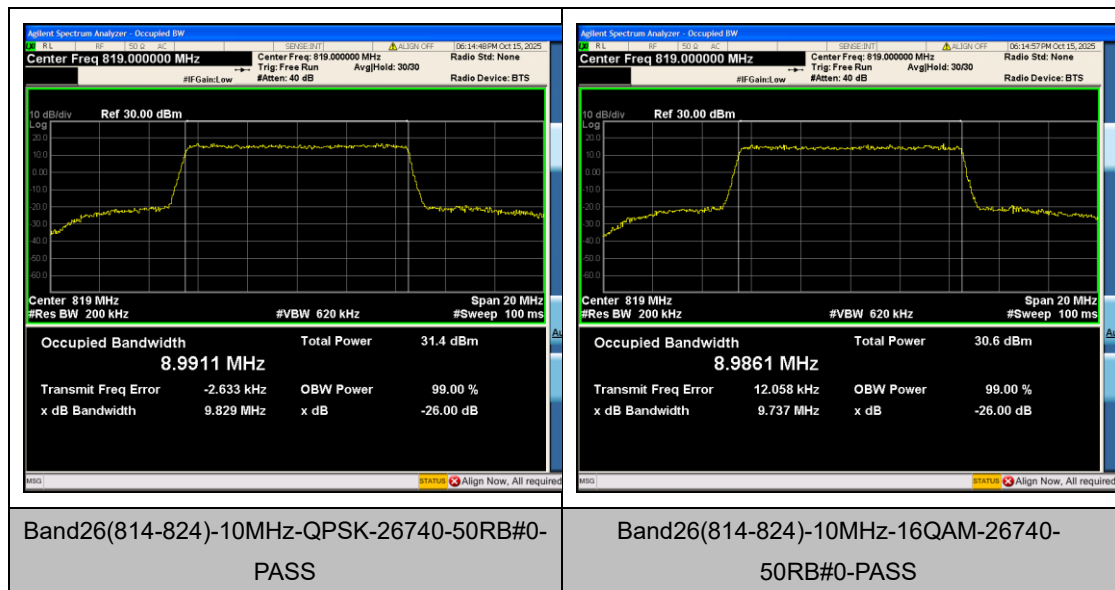
824)							
Band26(814-824)	10MHz	QPSK	26740	50RB#0	8.9911	9.829	PASS
Band26(814-824)	10MHz	16QAM	26740	50RB#0	8.9861	9.737	PASS

Test Graphs







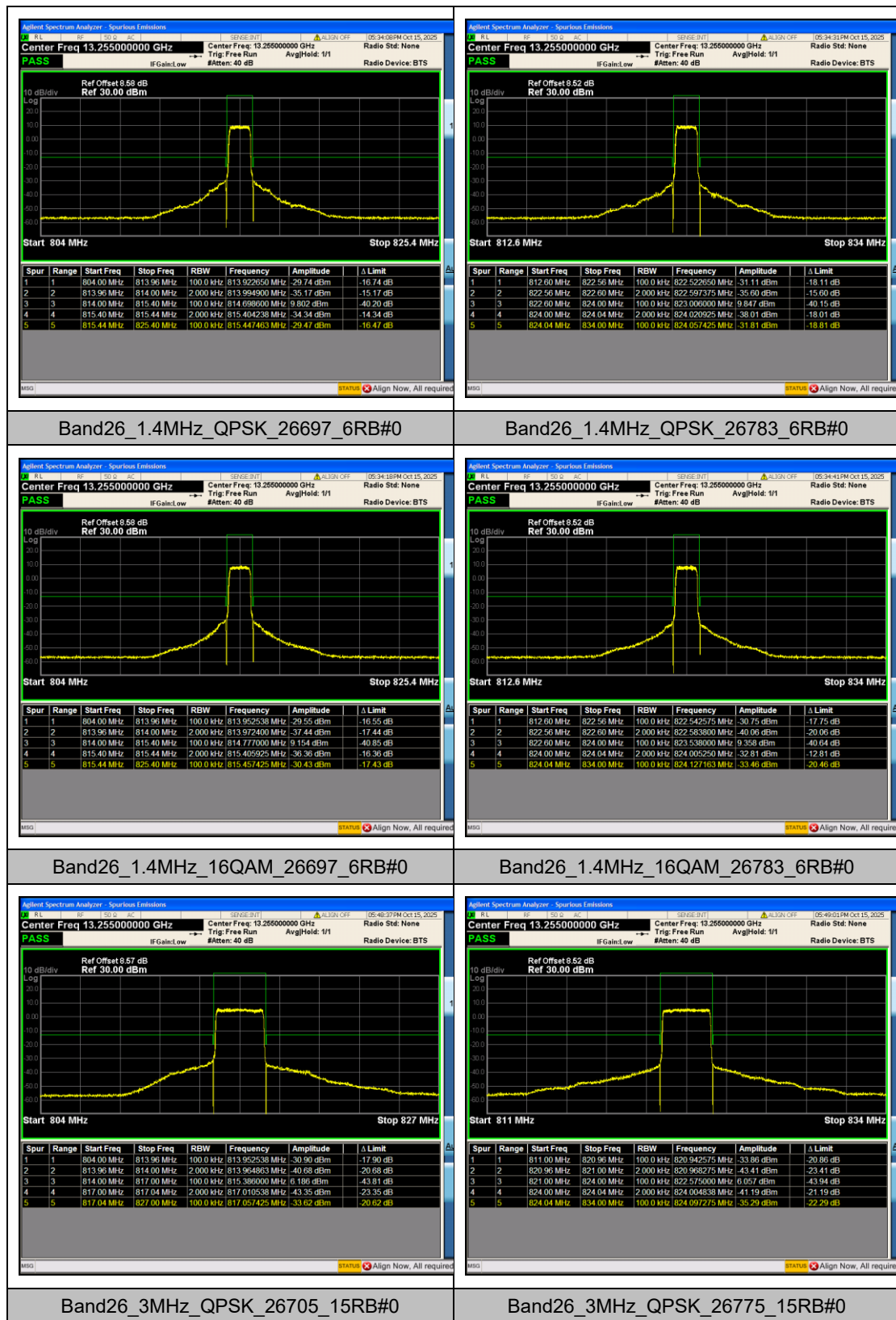


Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	-34.34	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	-35.60	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	-36.36	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	-32.81	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	-30.90	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	-33.86	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	-32.90	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	-42.00	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	-33.32	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	-41.74	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	-40.54	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	-41.50	PASS
Band26(814-824)	10MHz	QPSK	26740	50RB#0	-43.96	PASS
Band26(814-824)	10MHz	16QAM	26740	50RB#0	-38.58	PASS

Test Graphs





Band26_3MHz_16QAM_26705_15RB#0

Band26_3MHz_16QAM_26775_15RB#0



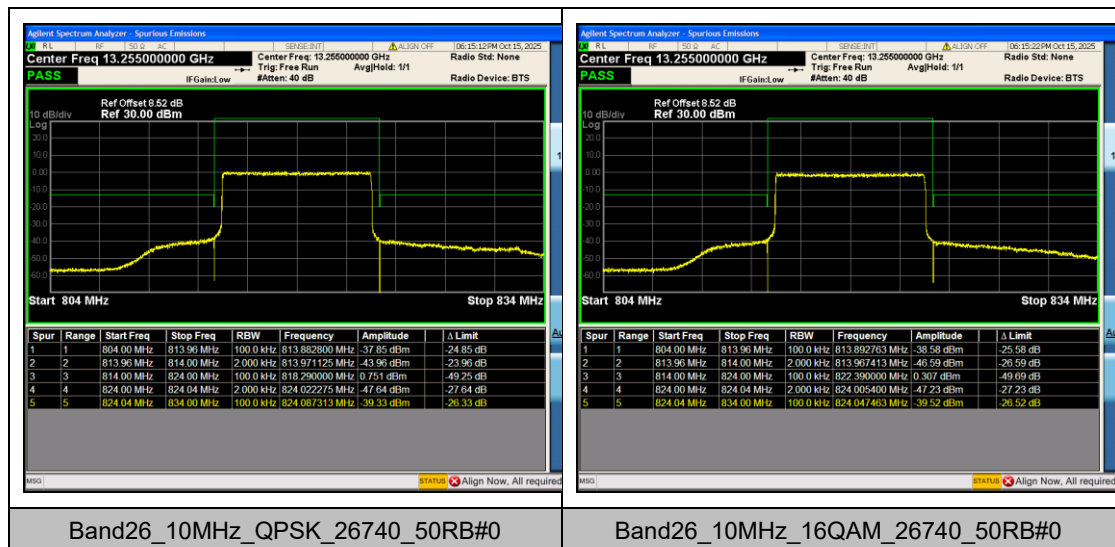
Band26_5MHz_QPSK_26715_25RB#0

Band26_5MHz_QPSK_26765_25RB#0



Band26_5MHz_16QAM_26715_25RB#0

Band26_5MHz_16QAM_26765_25RB#0



Appendix E: 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	-39.75	PASS
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	0.15~30	-52.21	PASS
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	30~1000	-49.50	PASS
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	1000~3000	-46.64	PASS
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	3000~10000	-42.78	PASS
Band26(814-824)	1.4MHz	QPSK	26740	6RB#0	0.009~0.15	-42.12	PASS
Band26(814-824)	1.4MHz	QPSK	26740	6RB#0	0.15~30	-51.44	PASS
Band26(814-824)	1.4MHz	QPSK	26740	6RB#0	30~1000	-48.65	PASS
Band26(814-824)	1.4MHz	QPSK	26740	6RB#0	1000~3000	-46.79	PASS
Band26(814-824)	1.4MHz	QPSK	26740	6RB#0	3000~10000	-43.05	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	0.009~0.15	-43.11	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	0.15~30	-52.53	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	30~1000	-47.66	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	1000~3000	-46.54	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	3000~10000	-43.09	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	0.009~0.15	-41.38	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	0.15~30	-53.94	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	30~1000	-49.31	PASS

Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	1000~3000	-46.68	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	3000~1000 0	-43.11	PASS
Band26(814-824)	1.4MHz	16QAM	26740	6RB#0	0.009~0.15	-38.19	PASS
Band26(814-824)	1.4MHz	16QAM	26740	6RB#0	0.15~30	-53.10	PASS
Band26(814-824)	1.4MHz	16QAM	26740	6RB#0	30~1000	-49.13	PASS
Band26(814-824)	1.4MHz	16QAM	26740	6RB#0	1000~3000	-46.60	PASS
Band26(814-824)	1.4MHz	16QAM	26740	6RB#0	3000~1000 0	-42.99	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	0.009~0.15	-39.94	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	0.15~30	-54.05	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	30~1000	-47.83	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	1000~3000	-46.36	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	3000~1000 0	-42.93	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	0.009~0.15	-42.68	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	0.15~30	-53.54	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	30~1000	-48.66	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	1000~3000	-46.83	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	3000~1000 0	-43.12	PASS
Band26(814-824)	3MHz	QPSK	26740	15RB#0	0.009~0.15	-43.09	PASS
Band26(814-824)	3MHz	QPSK	26740	15RB#0	0.15~30	-51.37	PASS
Band26(814-824)	3MHz	QPSK	26740	15RB#0	30~1000	-49.58	PASS
Band26(814-824)	3MHz	QPSK	26740	15RB#0	1000~3000	-46.41	PASS
Band26(814-824)	3MHz	QPSK	26740	15RB#0	3000~1000 0	-42.83	PASS

Band26(814-824)	3MHz	QPSK	26775	15RB#0	0.009~0.15	-39.44	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	0.15~30	-51.32	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	30~1000	-50.09	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	1000~3000	-46.34	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	3000~10000	-43.09	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	0.009~0.15	-42.04	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	0.15~30	-54.33	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	30~1000	-51.77	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	1000~3000	-45.97	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	3000~10000	-42.93	PASS
Band26(814-824)	3MHz	16QAM	26740	15RB#0	0.009~0.15	-40.20	PASS
Band26(814-824)	3MHz	16QAM	26740	15RB#0	0.15~30	-53.34	PASS
Band26(814-824)	3MHz	16QAM	26740	15RB#0	30~1000	-51.10	PASS
Band26(814-824)	3MHz	16QAM	26740	15RB#0	1000~3000	-46.60	PASS
Band26(814-824)	3MHz	16QAM	26740	15RB#0	3000~10000	-43.35	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	0.009~0.15	-38.58	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	0.15~30	-53.65	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	30~1000	-51.63	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	1000~3000	-46.77	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	3000~10000	-43.14	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	0.009~0.15	-41.11	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	0.15~30	-53.53	PASS

Band26(814-824)	5MHz	QPSK	26715	25RB#0	30~1000	-52.74	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	1000~3000	-46.48	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	3000~1000 0	-43.03	PASS
Band26(814-824)	5MHz	QPSK	26740	25RB#0	0.009~0.15	-42.42	PASS
Band26(814-824)	5MHz	QPSK	26740	25RB#0	0.15~30	-53.89	PASS
Band26(814-824)	5MHz	QPSK	26740	25RB#0	30~1000	-52.23	PASS
Band26(814-824)	5MHz	QPSK	26740	25RB#0	1000~3000	-46.53	PASS
Band26(814-824)	5MHz	QPSK	26740	25RB#0	3000~1000 0	-43.17	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	0.009~0.15	-38.54	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	0.15~30	-53.81	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	30~1000	-52.24	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	1000~3000	-46.40	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	3000~1000 0	-42.93	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	0.009~0.15	-42.53	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	0.15~30	-54.54	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	30~1000	-54.14	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	1000~3000	-46.72	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	3000~1000 0	-43.30	PASS
Band26(814-824)	5MHz	16QAM	26740	25RB#0	0.009~0.15	-43.42	PASS
Band26(814-824)	5MHz	16QAM	26740	25RB#0	0.15~30	-52.34	PASS
Band26(814-824)	5MHz	16QAM	26740	25RB#0	30~1000	-55.18	PASS
Band26(814-824)	5MHz	16QAM	26740	25RB#0	1000~3000	-46.85	PASS

Band26(814-824)	5MHz	16QAM	26740	25RB#0	3000~1000 0	-43.17	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	0.009~0.15	-39.88	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	0.15~30	-51.15	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	30~1000	-54.30	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	1000~3000	-46.49	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	3000~1000 0	-43.10	PASS
Band26(814-824)	10MHz	QPSK	26740	50RB#0	0.009~0.15	-38.76	PASS
Band26(814-824)	10MHz	QPSK	26740	50RB#0	0.15~30	-52.37	PASS
Band26(814-824)	10MHz	QPSK	26740	50RB#0	30~1000	-55.16	PASS
Band26(814-824)	10MHz	QPSK	26740	50RB#0	1000~3000	-46.67	PASS
Band26(814-824)	10MHz	QPSK	26740	50RB#0	3000~1000 0	-42.80	PASS
Band26(814-824)	10MHz	16QAM	26740	50RB#0	0.009~0.15	-40.14	PASS
Band26(814-824)	10MHz	16QAM	26740	50RB#0	0.15~30	-53.87	PASS
Band26(814-824)	10MHz	16QAM	26740	50RB#0	30~1000	-57.28	PASS
Band26(814-824)	10MHz	16QAM	26740	50RB#0	1000~3000	-46.61	PASS
Band26(814-824)	10MHz	16QAM	26740	50RB#0	3000~1000 0	-43.13	PASS

Test Graphs

