

Appendix-A LTE Band 26(814-824)

Transmitter Conducted Power Output

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Limit (dBm)	Verdict
26(814-824)	1.4MHz	QPSK	26697	1RB#0	24.06	50	PASS
26(814-824)	1.4MHz	QPSK	26697	6RB#0	23.05	50	PASS
26(814-824)	1.4MHz	QPSK	26697	1RB#2	24.00	50	PASS
26(814-824)	1.4MHz	QPSK	26697	1RB#5	24.06	50	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#0	24.05	50	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	23.15	50	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#2	24.19	50	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#5	24.14	50	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#0	24.13	50	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	23.23	50	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#2	24.17	50	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#5	24.22	50	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#0	23.34	50	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	22.14	50	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#2	23.33	50	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#5	23.37	50	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#0	23.35	50	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	22.23	50	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#2	23.61	50	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#5	23.52	50	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#0	23.41	50	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	22.28	50	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#2	23.47	50	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#5	23.45	50	PASS
26(814-824)	1.4MHz	64QAM	26697	1RB#0	22.12	50	PASS
26(814-824)	1.4MHz	64QAM	26697	6RB#0	20.87	50	PASS
26(814-824)	1.4MHz	64QAM	26697	1RB#2	22.05	50	PASS
26(814-824)	1.4MHz	64QAM	26697	1RB#5	22.09	50	PASS
26(814-824)	1.4MHz	64QAM	26740	1RB#0	22.15	50	PASS
26(814-824)	1.4MHz	64QAM	26740	6RB#0	21.07	50	PASS
26(814-824)	1.4MHz	64QAM	26740	1RB#2	22.22	50	PASS
26(814-824)	1.4MHz	64QAM	26740	1RB#5	22.22	50	PASS
26(814-824)	1.4MHz	64QAM	26783	1RB#0	22.16	50	PASS
26(814-824)	1.4MHz	64QAM	26783	6RB#0	21.05	50	PASS
26(814-824)	1.4MHz	64QAM	26783	1RB#2	22.27	50	PASS
26(814-824)	1.4MHz	64QAM	26783	1RB#5	22.11	50	PASS
26(814-824)	1.4MHz	256QAM	26697	1RB#0	19.45	50	PASS
26(814-824)	1.4MHz	256QAM	26697	6RB#0	19.08	50	PASS

26(814-824)	1.4MHz	256QAM	26697	1RB#2	19.55	50	PASS
26(814-824)	1.4MHz	256QAM	26697	1RB#5	19.10	50	PASS
26(814-824)	1.4MHz	256QAM	26740	1RB#0	19.18	50	PASS
26(814-824)	1.4MHz	256QAM	26740	6RB#0	19.23	50	PASS
26(814-824)	1.4MHz	256QAM	26740	1RB#2	19.47	50	PASS
26(814-824)	1.4MHz	256QAM	26740	1RB#5	19.40	50	PASS
26(814-824)	1.4MHz	256QAM	26783	1RB#0	19.55	50	PASS
26(814-824)	1.4MHz	256QAM	26783	6RB#0	19.40	50	PASS
26(814-824)	1.4MHz	256QAM	26783	1RB#2	19.27	50	PASS
26(814-824)	1.4MHz	256QAM	26783	1RB#5	19.46	50	PASS
26(814-824)	3MHz	QPSK	26705	1RB#0	24.06	50	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	23.09	50	PASS
26(814-824)	3MHz	QPSK	26705	1RB#8	24.15	50	PASS
26(814-824)	3MHz	QPSK	26705	1RB#14	24.03	50	PASS
26(814-824)	3MHz	QPSK	26740	1RB#0	24.26	50	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	23.23	50	PASS
26(814-824)	3MHz	QPSK	26740	1RB#8	24.35	50	PASS
26(814-824)	3MHz	QPSK	26740	1RB#14	24.08	50	PASS
26(814-824)	3MHz	QPSK	26775	1RB#0	24.18	50	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	23.20	50	PASS
26(814-824)	3MHz	QPSK	26775	1RB#8	24.30	50	PASS
26(814-824)	3MHz	QPSK	26775	1RB#14	24.11	50	PASS
26(814-824)	3MHz	16QAM	26705	1RB#0	23.31	50	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	22.13	50	PASS
26(814-824)	3MHz	16QAM	26705	1RB#8	23.42	50	PASS
26(814-824)	3MHz	16QAM	26705	1RB#14	23.18	50	PASS
26(814-824)	3MHz	16QAM	26740	1RB#0	23.36	50	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	22.19	50	PASS
26(814-824)	3MHz	16QAM	26740	1RB#8	23.51	50	PASS
26(814-824)	3MHz	16QAM	26740	1RB#14	23.42	50	PASS
26(814-824)	3MHz	16QAM	26775	1RB#0	23.43	50	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	22.22	50	PASS
26(814-824)	3MHz	16QAM	26775	1RB#8	23.51	50	PASS
26(814-824)	3MHz	16QAM	26775	1RB#14	23.34	50	PASS
26(814-824)	3MHz	64QAM	26705	1RB#0	22.09	50	PASS
26(814-824)	3MHz	64QAM	26705	15RB#0	20.95	50	PASS
26(814-824)	3MHz	64QAM	26705	1RB#8	22.09	50	PASS
26(814-824)	3MHz	64QAM	26705	1RB#14	21.88	50	PASS
26(814-824)	3MHz	64QAM	26740	1RB#0	22.18	50	PASS
26(814-824)	3MHz	64QAM	26740	15RB#0	21.06	50	PASS
26(814-824)	3MHz	64QAM	26740	1RB#8	22.24	50	PASS
26(814-824)	3MHz	64QAM	26740	1RB#14	22.19	50	PASS
26(814-824)	3MHz	64QAM	26775	1RB#0	22.15	50	PASS
26(814-824)	3MHz	64QAM	26775	15RB#0	21.09	50	PASS
26(814-824)	3MHz	64QAM	26775	1RB#8	22.13	50	PASS

26(814-824)	3MHz	64QAM	26775	1RB#14	22.22	50	PASS
26(814-824)	3MHz	256QAM	26705	1RB#0	19.47	50	PASS
26(814-824)	3MHz	256QAM	26705	15RB#0	19.35	50	PASS
26(814-824)	3MHz	256QAM	26705	1RB#8	19.59	50	PASS
26(814-824)	3MHz	256QAM	26705	1RB#14	19.12	50	PASS
26(814-824)	3MHz	256QAM	26740	1RB#0	19.25	50	PASS
26(814-824)	3MHz	256QAM	26740	15RB#0	19.30	50	PASS
26(814-824)	3MHz	256QAM	26740	1RB#8	19.26	50	PASS
26(814-824)	3MHz	256QAM	26740	1RB#14	19.30	50	PASS
26(814-824)	3MHz	256QAM	26775	1RB#0	19.51	50	PASS
26(814-824)	3MHz	256QAM	26775	15RB#0	19.56	50	PASS
26(814-824)	3MHz	256QAM	26775	1RB#8	19.48	50	PASS
26(814-824)	3MHz	256QAM	26775	1RB#14	19.38	50	PASS
26(814-824)	5MHz	QPSK	26715	1RB#0	24.06	50	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	23.08	50	PASS
26(814-824)	5MHz	QPSK	26715	1RB#12	24.05	50	PASS
26(814-824)	5MHz	QPSK	26715	1RB#24	24.06	50	PASS
26(814-824)	5MHz	QPSK	26740	1RB#0	24.28	50	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	23.23	50	PASS
26(814-824)	5MHz	QPSK	26740	1RB#12	24.19	50	PASS
26(814-824)	5MHz	QPSK	26740	1RB#24	24.21	50	PASS
26(814-824)	5MHz	QPSK	26765	1RB#0	24.14	50	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	23.23	50	PASS
26(814-824)	5MHz	QPSK	26765	1RB#12	24.26	50	PASS
26(814-824)	5MHz	QPSK	26765	1RB#24	24.24	50	PASS
26(814-824)	5MHz	16QAM	26715	1RB#0	23.15	50	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	22.11	50	PASS
26(814-824)	5MHz	16QAM	26715	1RB#12	23.48	50	PASS
26(814-824)	5MHz	16QAM	26715	1RB#24	23.33	50	PASS
26(814-824)	5MHz	16QAM	26740	1RB#0	23.62	50	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	22.23	50	PASS
26(814-824)	5MHz	16QAM	26740	1RB#12	23.54	50	PASS
26(814-824)	5MHz	16QAM	26740	1RB#24	23.27	50	PASS
26(814-824)	5MHz	16QAM	26765	1RB#0	23.60	50	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	22.19	50	PASS
26(814-824)	5MHz	16QAM	26765	1RB#12	23.62	50	PASS
26(814-824)	5MHz	16QAM	26765	1RB#24	23.45	50	PASS
26(814-824)	5MHz	64QAM	26715	1RB#0	21.97	50	PASS
26(814-824)	5MHz	64QAM	26715	25RB#0	20.87	50	PASS
26(814-824)	5MHz	64QAM	26715	1RB#12	22.28	50	PASS
26(814-824)	5MHz	64QAM	26715	1RB#24	22.06	50	PASS
26(814-824)	5MHz	64QAM	26740	1RB#0	22.10	50	PASS
26(814-824)	5MHz	64QAM	26740	25RB#0	21.12	50	PASS
26(814-824)	5MHz	64QAM	26740	1RB#12	22.20	50	PASS
26(814-824)	5MHz	64QAM	26740	1RB#24	22.20	50	PASS

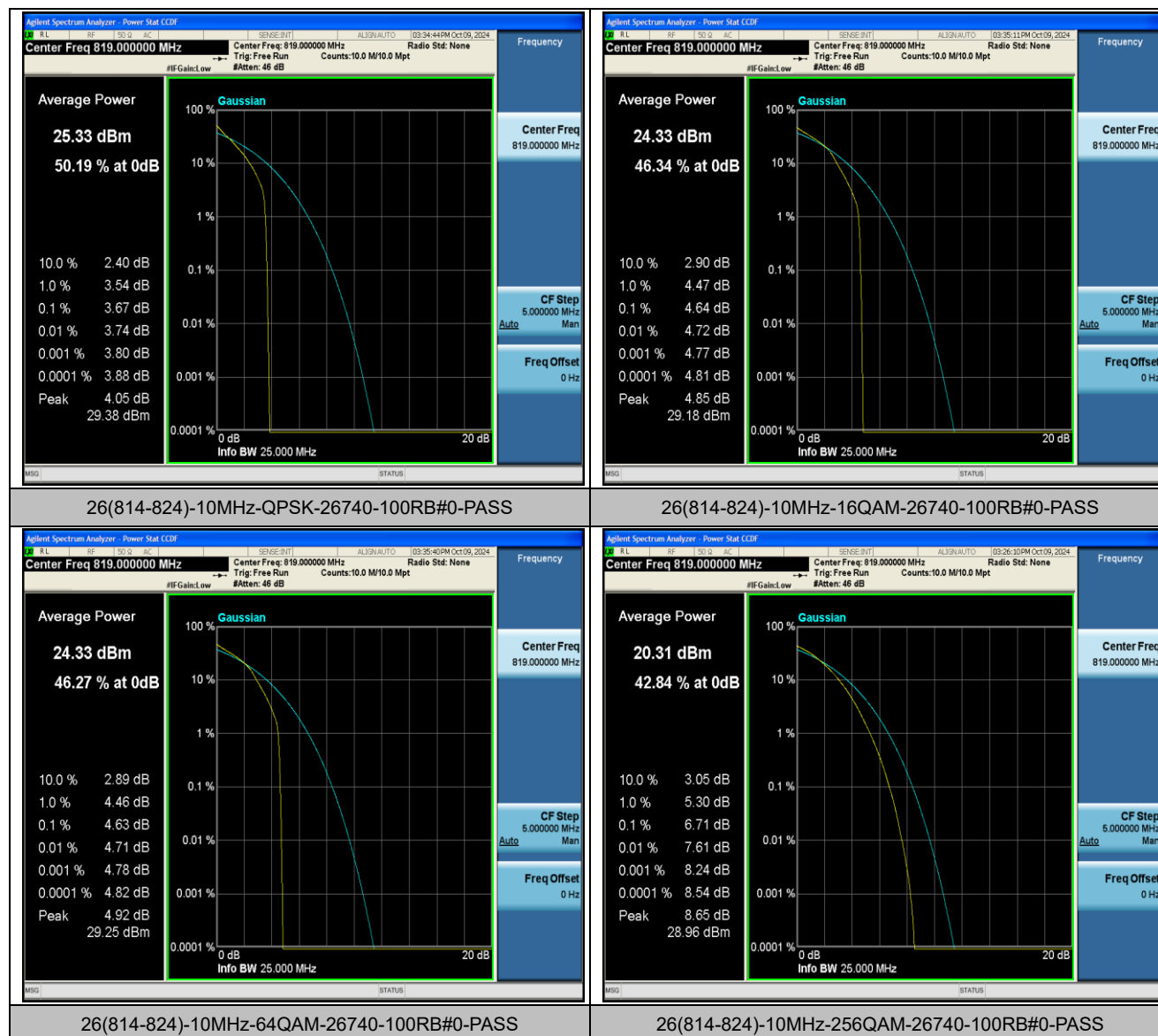
26(814-824)	5MHz	64QAM	26765	1RB#0	22.22	50	PASS
26(814-824)	5MHz	64QAM	26765	25RB#0	21.13	50	PASS
26(814-824)	5MHz	64QAM	26765	1RB#12	22.35	50	PASS
26(814-824)	5MHz	64QAM	26765	1RB#24	22.19	50	PASS
26(814-824)	5MHz	256QAM	26715	1RB#0	19.46	50	PASS
26(814-824)	5MHz	256QAM	26715	25RB#0	19.48	50	PASS
26(814-824)	5MHz	256QAM	26715	1RB#12	19.69	50	PASS
26(814-824)	5MHz	256QAM	26715	1RB#24	19.08	50	PASS
26(814-824)	5MHz	256QAM	26740	1RB#0	19.26	50	PASS
26(814-824)	5MHz	256QAM	26740	25RB#0	19.36	50	PASS
26(814-824)	5MHz	256QAM	26740	1RB#12	19.41	50	PASS
26(814-824)	5MHz	256QAM	26740	1RB#24	19.14	50	PASS
26(814-824)	5MHz	256QAM	26765	1RB#0	19.53	50	PASS
26(814-824)	5MHz	256QAM	26765	25RB#0	19.02	50	PASS
26(814-824)	5MHz	256QAM	26765	1RB#12	19.38	50	PASS
26(814-824)	5MHz	256QAM	26765	1RB#24	19.24	50	PASS
26(814-824)	10MHz	QPSK	26740	1RB#0	24.08	50	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	23.21	50	PASS
26(814-824)	10MHz	QPSK	26740	1RB#24	24.07	50	PASS
26(814-824)	10MHz	QPSK	26740	1RB#49	24.11	50	PASS
26(814-824)	10MHz	16QAM	26740	1RB#0	23.43	50	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	22.23	50	PASS
26(814-824)	10MHz	16QAM	26740	1RB#24	23.91	50	PASS
26(814-824)	10MHz	16QAM	26740	1RB#49	23.44	50	PASS
26(814-824)	10MHz	64QAM	26740	1RB#0	22.18	50	PASS
26(814-824)	10MHz	64QAM	26740	50RB#0	21.07	50	PASS
26(814-824)	10MHz	64QAM	26740	1RB#24	22.21	50	PASS
26(814-824)	10MHz	64QAM	26740	1RB#49	22.33	50	PASS
26(814-824)	10MHz	256QAM	26740	1RB#0	19.55	50	PASS
26(814-824)	10MHz	256QAM	26740	50RB#0	19.10	50	PASS
26(814-824)	10MHz	256QAM	26740	1RB#24	19.38	50	PASS
26(814-824)	10MHz	256QAM	26740	1RB#49	19.29	50	PASS

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
26(814-824)	10MHz	QPSK	26740	100RB#0	3.67	13	PASS
26(814-824)	10MHz	16QAM	26740	100RB#0	4.64	13	PASS
26(814-824)	10MHz	64QAM	26740	100RB#0	4.63	13	PASS
26(814-824)	10MHz	256QAM	26740	100RB#0	6.71	13	PASS

Test Graphs



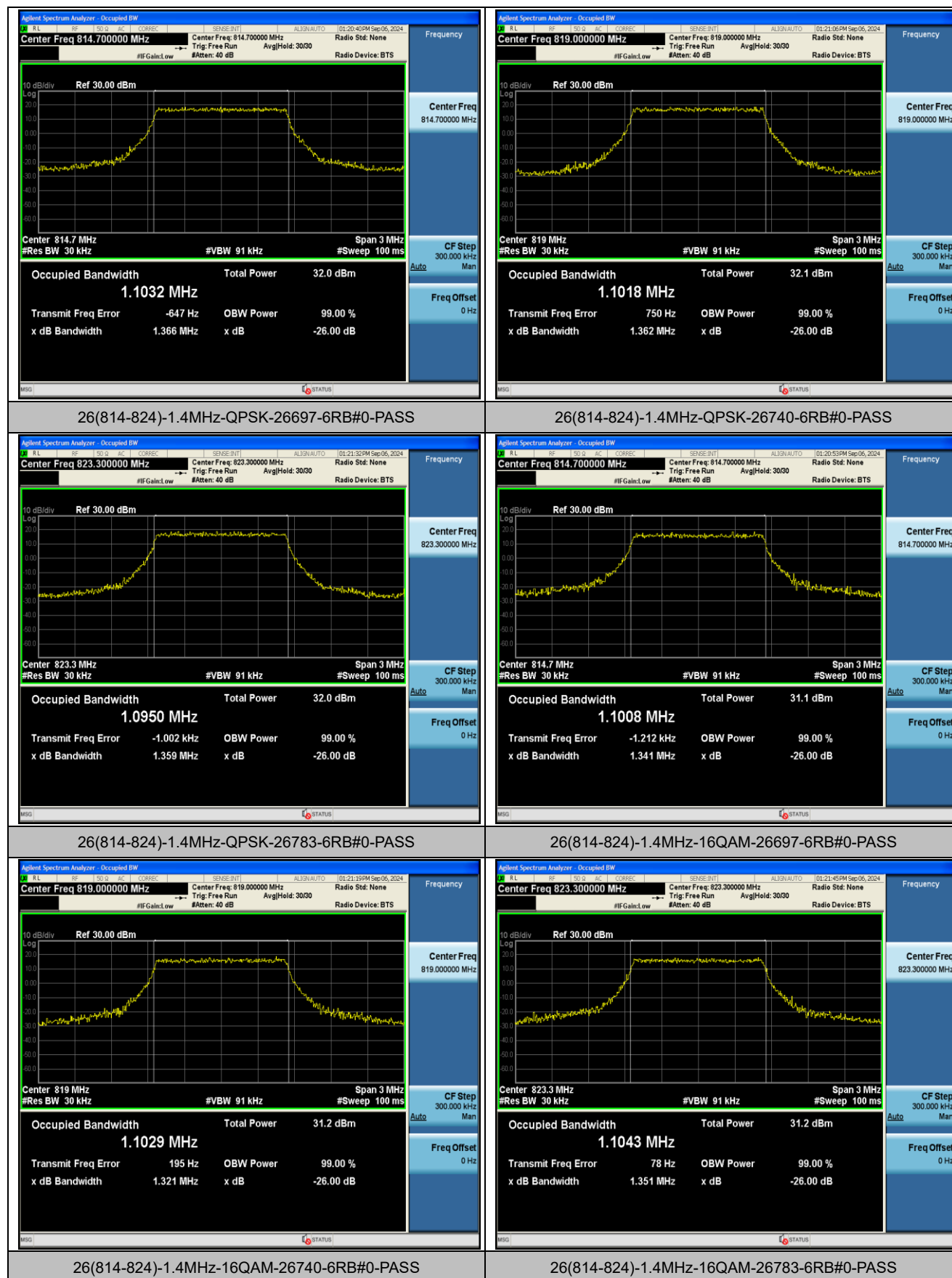
26dB Bandwidth and Occupied Bandwidth

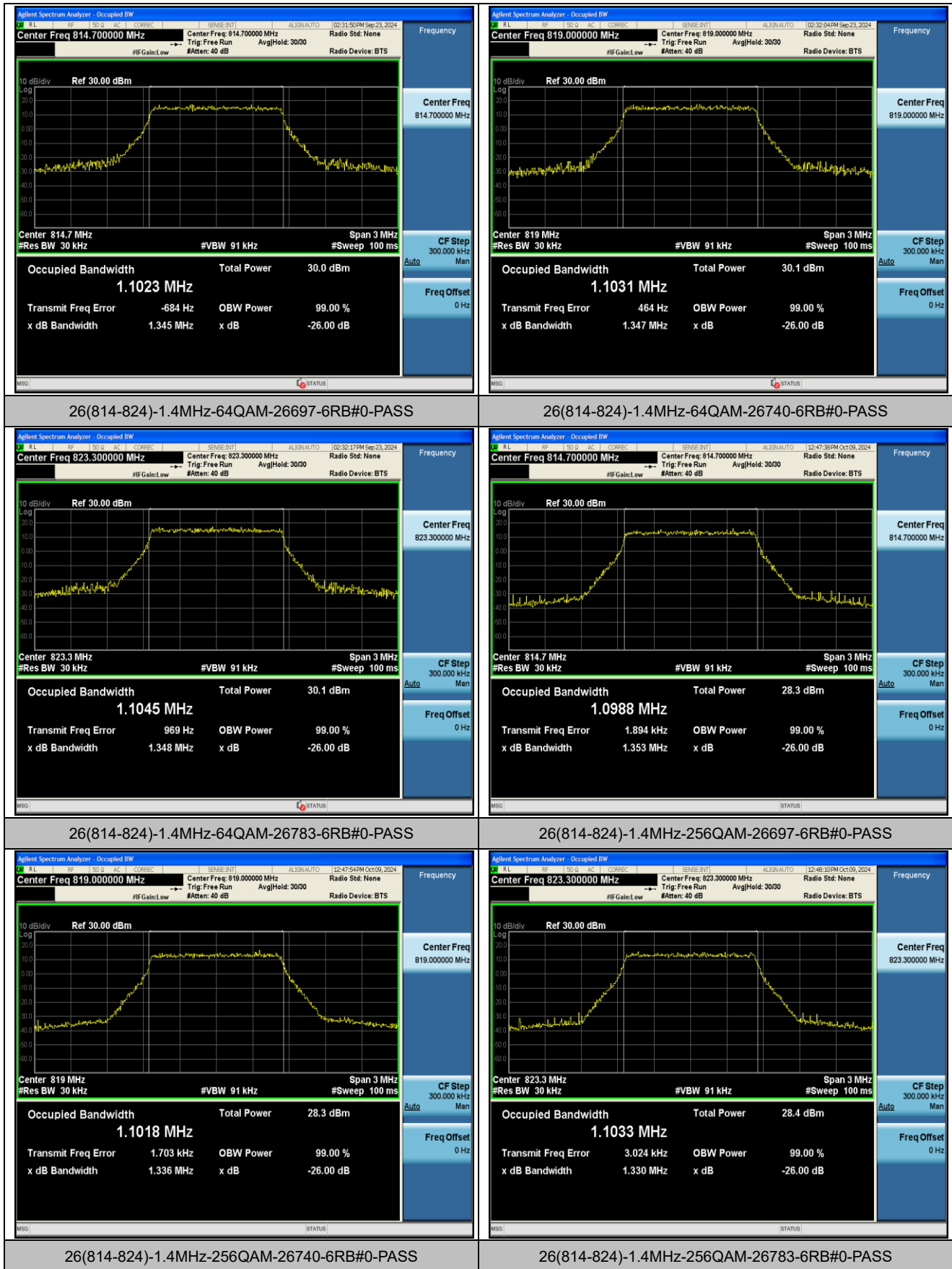
Test Result

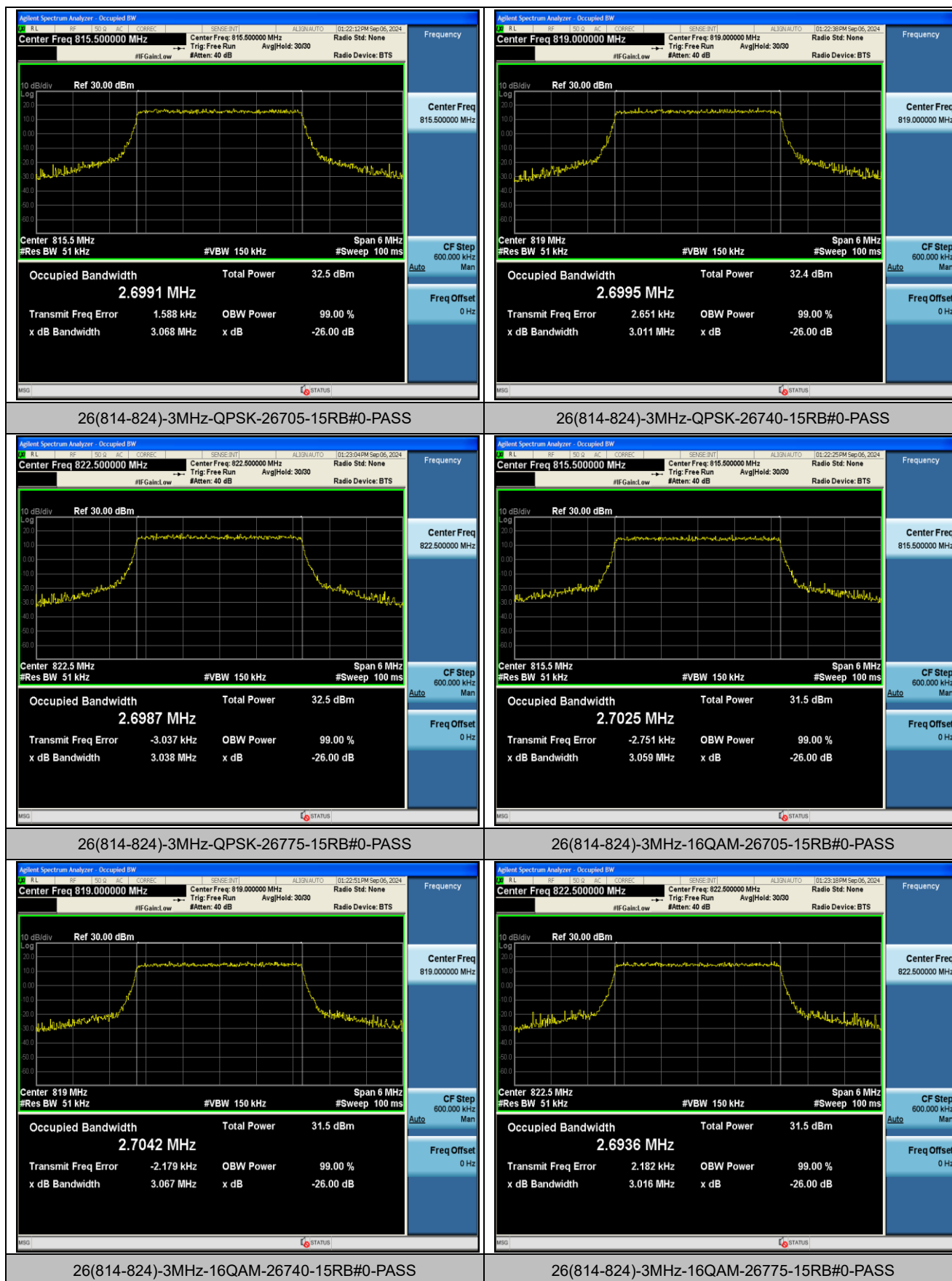
Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
26(814-824)	1.4MHz	QPSK	26697	6RB#0	1.1032	1.366	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	1.1018	1.362	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	1.0950	1.359	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	1.1008	1.341	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	1.1029	1.321	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	1.1043	1.351	PASS
26(814-824)	1.4MHz	64QAM	26697	6RB#0	1.1023	1.345	PASS
26(814-824)	1.4MHz	64QAM	26740	6RB#0	1.1031	1.347	PASS
26(814-824)	1.4MHz	64QAM	26783	6RB#0	1.1045	1.348	PASS
26(814-824)	1.4MHz	256QAM	26697	6RB#0	1.0988	1.353	PASS
26(814-824)	1.4MHz	256QAM	26740	6RB#0	1.1018	1.336	PASS
26(814-824)	1.4MHz	256QAM	26783	6RB#0	1.1033	1.330	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	2.6991	3.068	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	2.6995	3.011	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	2.6987	3.038	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	2.7025	3.059	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	2.7042	3.067	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	2.6936	3.016	PASS
26(814-824)	3MHz	64QAM	26705	15RB#0	2.7017	3.056	PASS
26(814-824)	3MHz	64QAM	26740	15RB#0	2.7023	3.040	PASS
26(814-824)	3MHz	64QAM	26775	15RB#0	2.6955	3.035	PASS
26(814-824)	3MHz	256QAM	26705	15RB#0	2.7014	3.043	PASS
26(814-824)	3MHz	256QAM	26740	15RB#0	2.7016	3.049	PASS
26(814-824)	3MHz	256QAM	26775	15RB#0	2.7023	3.061	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	4.5087	5.170	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	4.5088	5.144	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	4.5136	5.137	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	4.5076	5.172	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	4.5043	5.088	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	4.4966	5.123	PASS
26(814-824)	5MHz	64QAM	26715	25RB#0	4.5114	5.218	PASS
26(814-824)	5MHz	64QAM	26740	25RB#0	4.5129	5.158	PASS
26(814-824)	5MHz	64QAM	26765	25RB#0	4.5134	5.158	PASS
26(814-824)	5MHz	256QAM	26715	25RB#0	4.5058	5.150	PASS
26(814-824)	5MHz	256QAM	26740	25RB#0	4.5113	5.144	PASS
26(814-824)	5MHz	256QAM	26765	25RB#0	4.4996	5.127	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	9.0046	10.02	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	9.0009	10.11	PASS

26(814-824)	10MHz	64QAM	26740	50RB#0	8.9944	10.04	PASS
26(814-824)	10MHz	256QAM	26740	50RB#0	8.9841	9.621	PASS

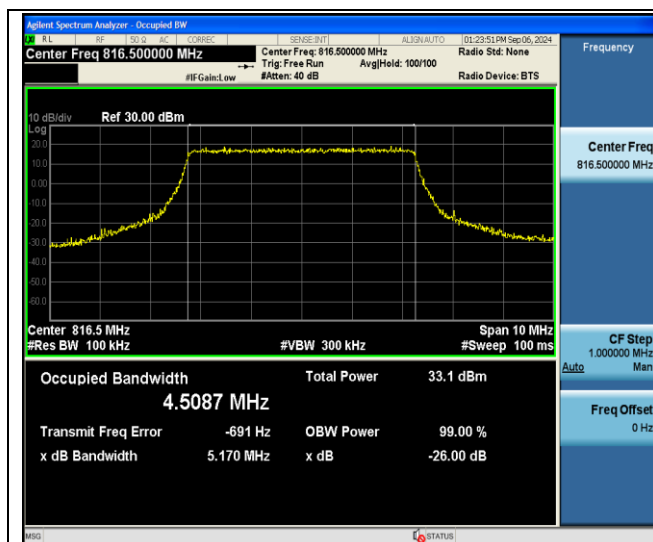
Test Graphs







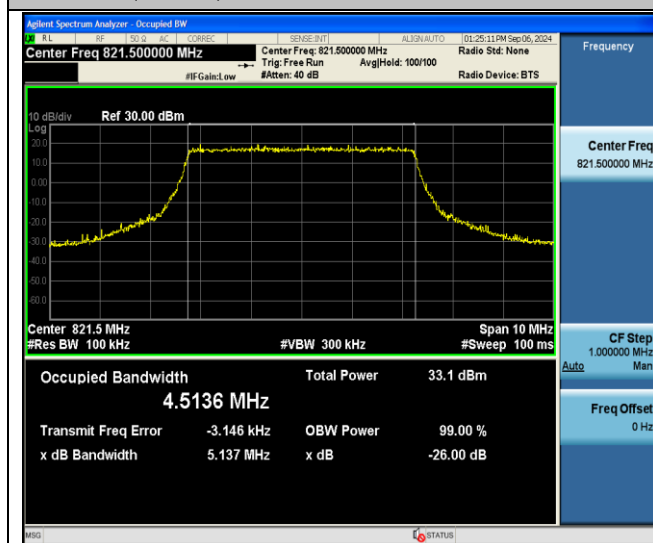




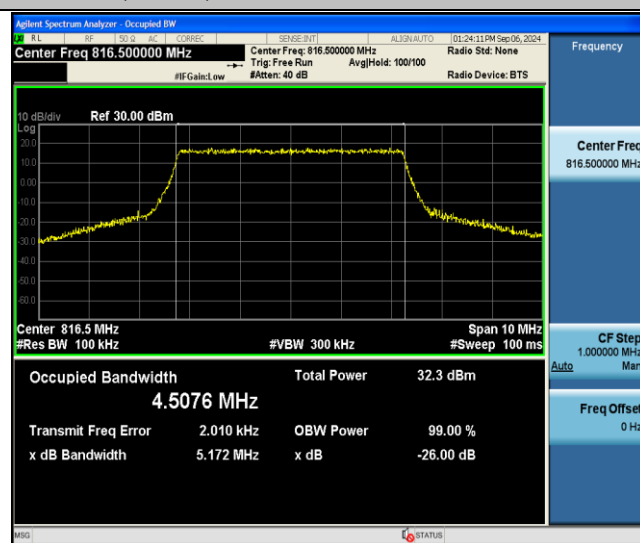
26(814-824)-5MHz-QPSK-26715-25RB#0-PASS



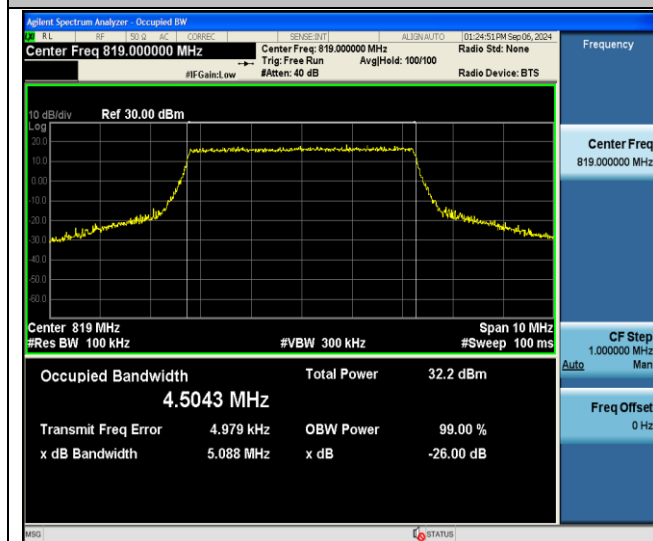
26(814-824)-5MHz-QPSK-26740-25RB#0-PASS



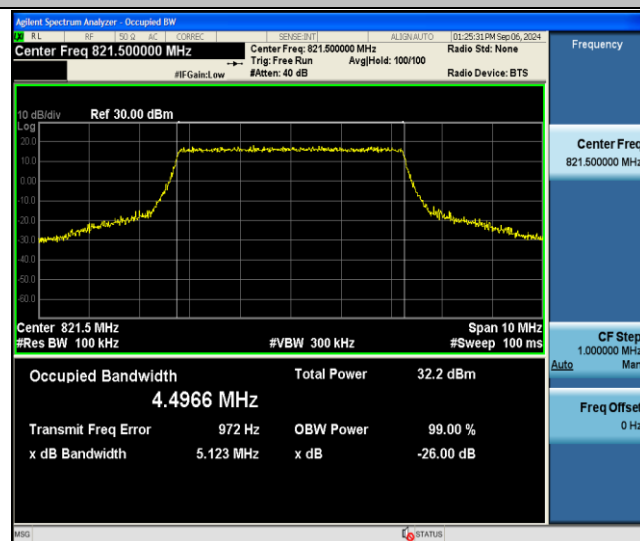
26(814-824)-5MHz-QPSK-26765-25RB#0-PASS



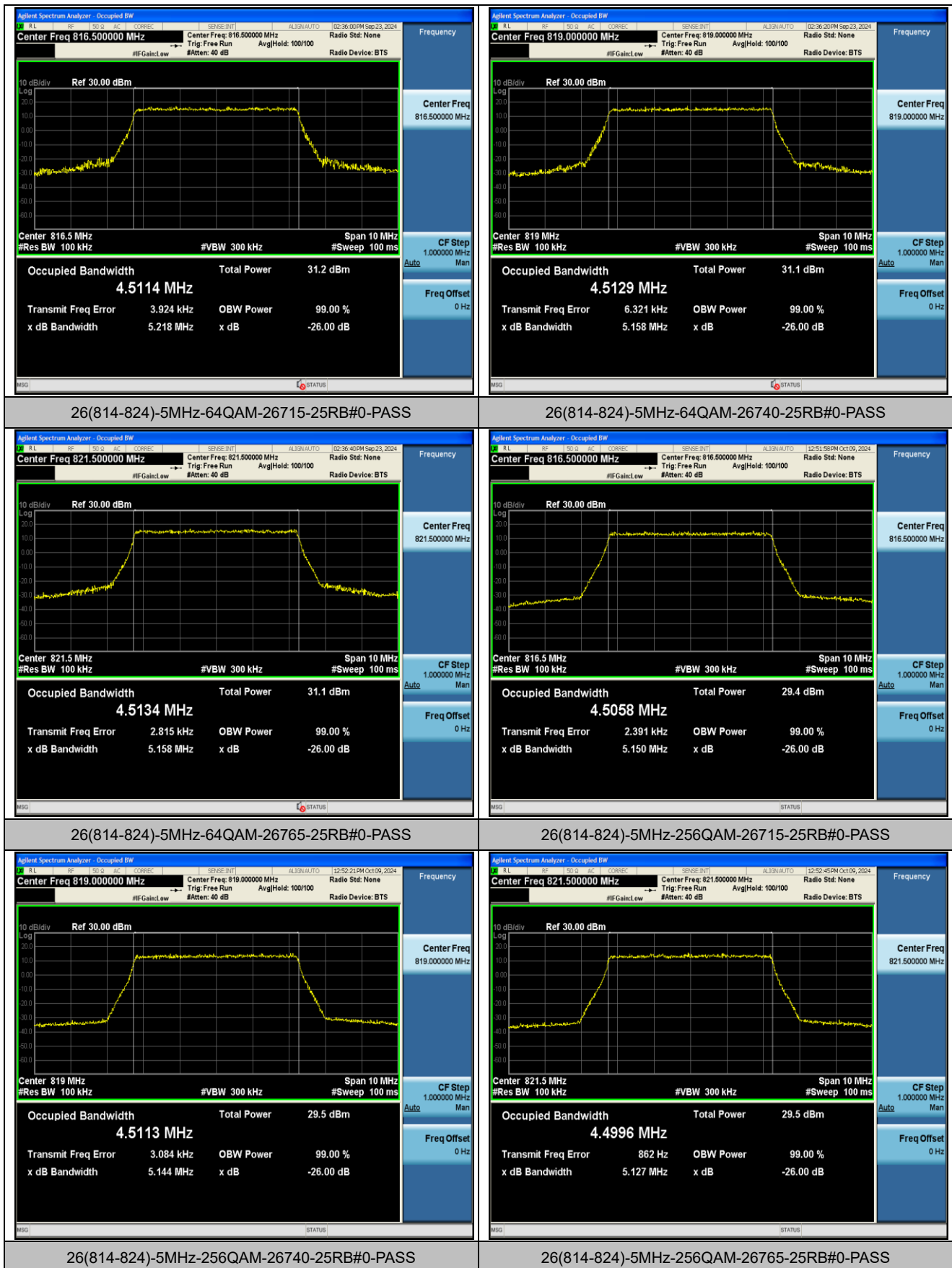
26(814-824)-5MHz-16QAM-26715-25RB#0-PASS



26(814-824)-5MHz-16QAM-26740-25RB#0-PASS



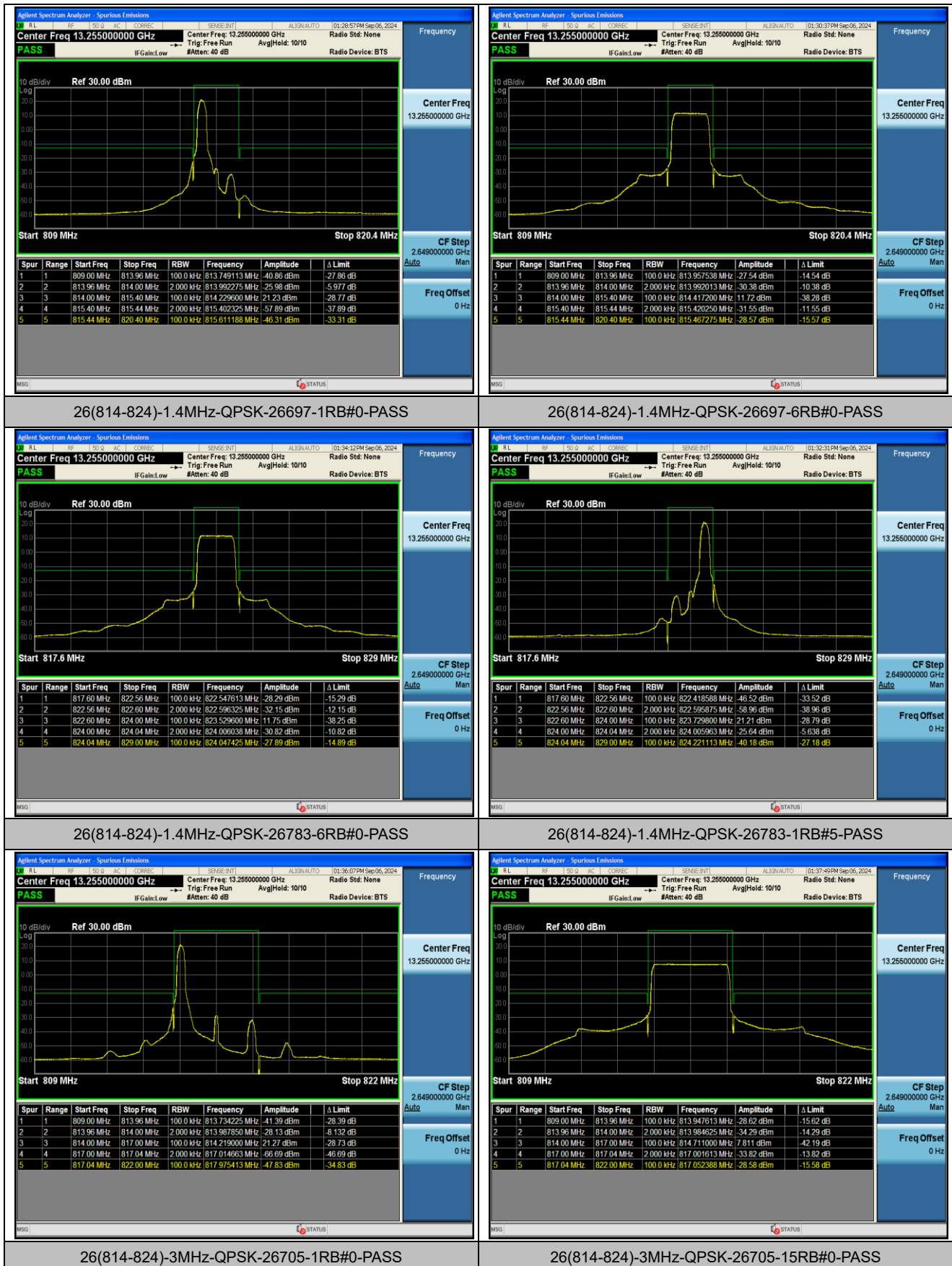
26(814-824)-5MHz-16QAM-26765-25RB#0-PASS

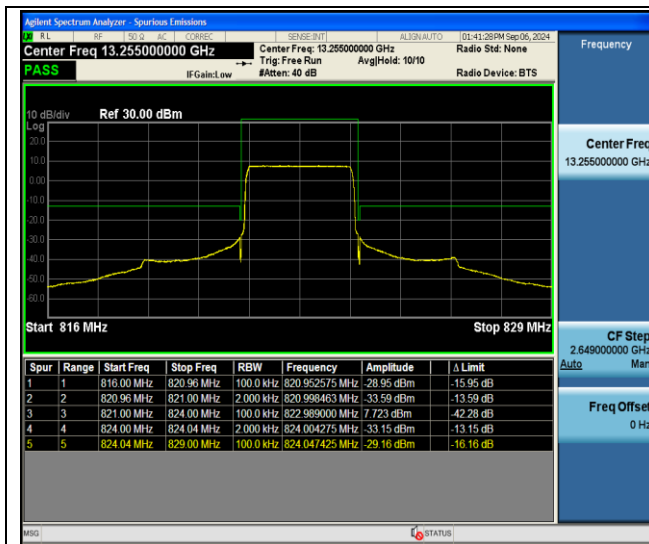




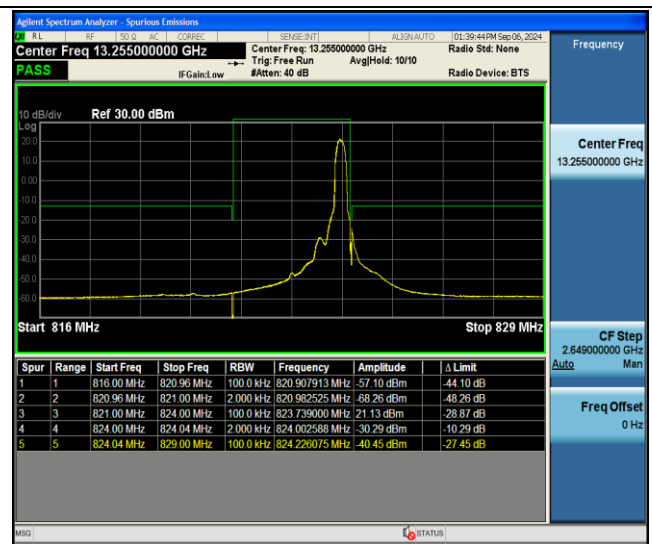
Band Edge

Test Graphs

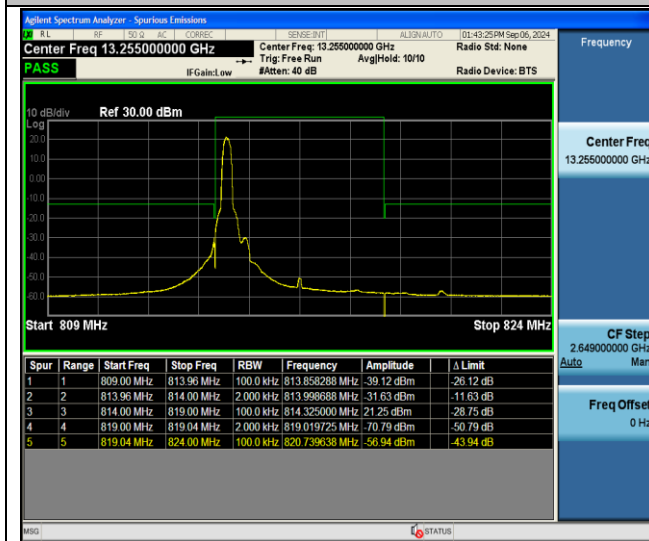




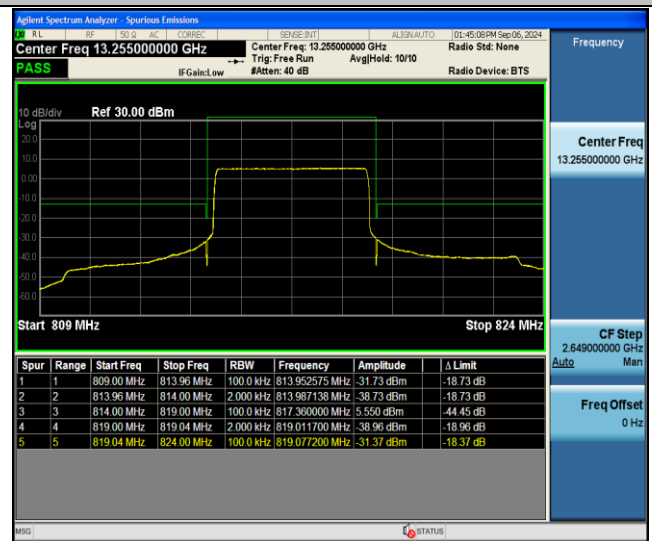
26(814-824)-3MHz-QPSK-26775-15RB#0-PASS



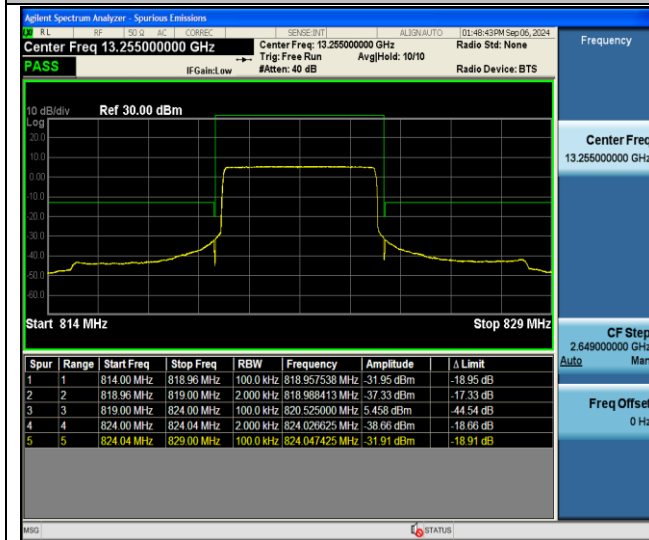
26(814-824)-3MHz-QPSK-26775-1RB#14-PASS



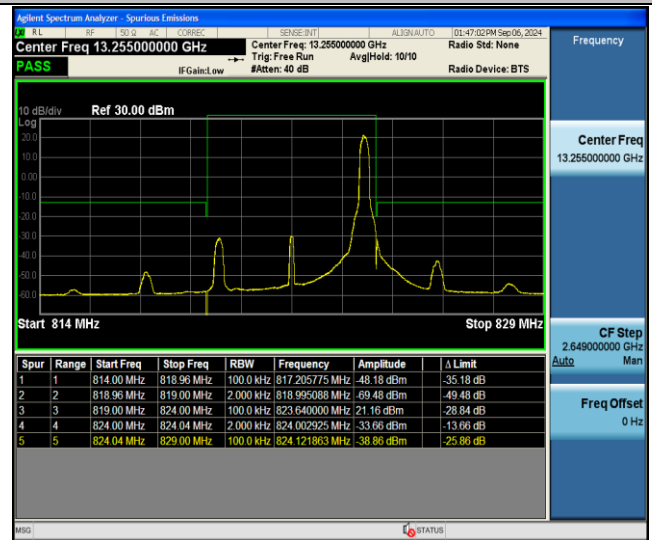
26(814-824)-5MHz-QPSK-26715-1RB#0-PASS



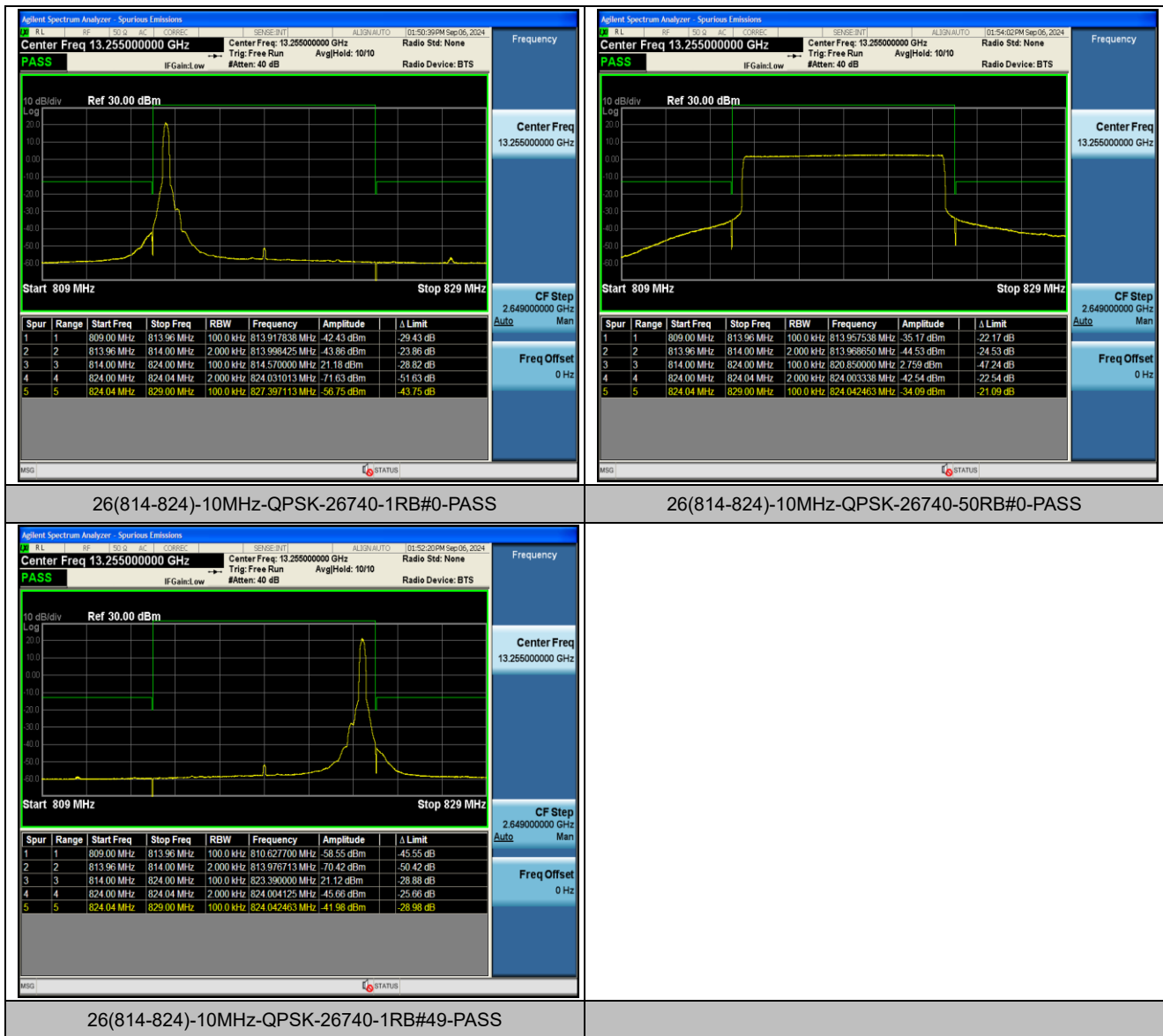
26(814-824)-5MHz-QPSK-26715-25RB#0-PASS



26(814-824)-5MHz-QPSK-26765-25RB#0-PASS

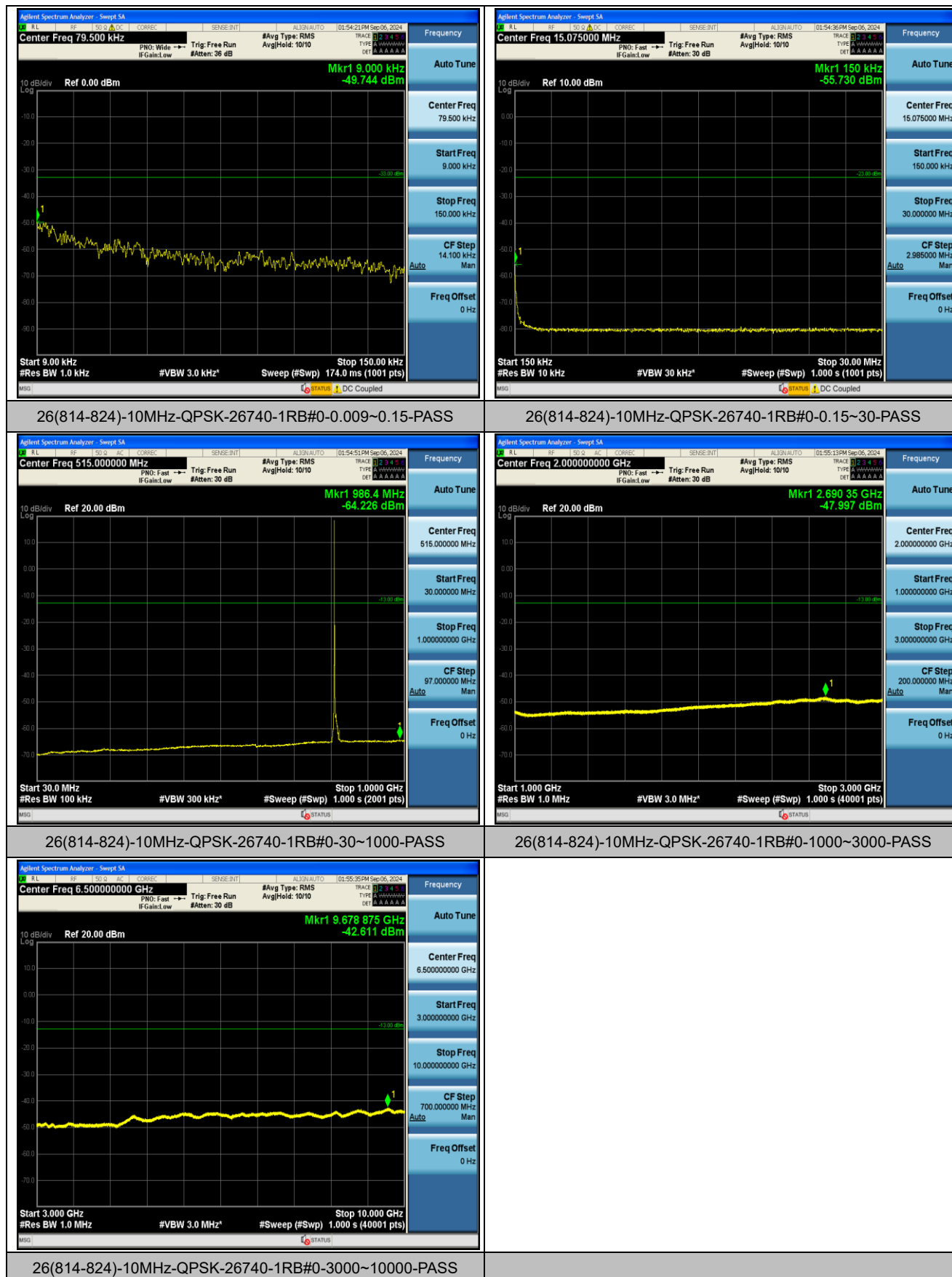


26(814-824)-5MHz-QPSK-26765-1RB#24-PASS



Conducted Spurious Emission

Test Graphs



Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
26(814-824)	10MHz	QPSK	26740	100RB#0	VN	NT	0.40	0.000488	PASS
26(814-824)	10MHz	QPSK	26740	100RB#0	VL	NT	-0.30	-0.000366	PASS
26(814-824)	10MHz	QPSK	26740	100RB#0	VH	NT	0.70	0.000855	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
26(814-824)	10MHz	QPSK	26740	100RB#0	NV	-30	0.50	0.000611	PASS
26(814-824)	10MHz	QPSK	26740	100RB#0	NV	-20	-0.30	-0.000366	PASS
26(814-824)	10MHz	QPSK	26740	100RB#0	NV	-10	-0.90	-0.001099	PASS
26(814-824)	10MHz	QPSK	26740	100RB#0	NV	0	0.00	0.000000	PASS
26(814-824)	10MHz	QPSK	26740	100RB#0	NV	10	0.50	0.000611	PASS
26(814-824)	10MHz	QPSK	26740	100RB#0	NV	20	-0.80	-0.000977	PASS
26(814-824)	10MHz	QPSK	26740	100RB#0	NV	30	0.50	0.000611	PASS
26(814-824)	10MHz	QPSK	26740	100RB#0	NV	40	0.00	0.000000	PASS
26(814-824)	10MHz	QPSK	26740	100RB#0	NV	50	-0.70	-0.000855	PASS

~The End~