

Appendix-B LTE Band 26(814-824)

Transmitter Conducted Output Power

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Limit (dBm)	Verdict
26(814-824)	1.4MHz	QPSK	26697	1RB#0	23.52	50.00	PASS
26(814-824)	1.4MHz	QPSK	26697	1RB#2	23.52	50.00	PASS
26(814-824)	1.4MHz	QPSK	26697	1RB#5	23.38	50.00	PASS
26(814-824)	1.4MHz	QPSK	26697	6RB#0	22.53	50.00	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#0	23.43	50.00	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#2	23.69	50.00	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#5	23.37	50.00	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	22.5	50.00	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#0	23.27	50.00	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#2	23.42	50.00	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#5	23.46	50.00	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	22.42	50.00	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#0	22.58	50.00	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#2	22.69	50.00	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#5	22.38	50.00	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	21.61	50.00	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#0	22.32	50.00	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#2	22.48	50.00	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#5	22.39	50.00	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	21.51	50.00	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#0	22.33	50.00	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#2	22.37	50.00	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#5	22.3	50.00	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	21.38	50.00	PASS
26(814-824)	1.4MHz	64QAM	26697	1RB#0	20.84	50.00	PASS
26(814-824)	1.4MHz	64QAM	26697	1RB#2	21.13	50.00	PASS
26(814-824)	1.4MHz	64QAM	26697	1RB#5	21.26	50.00	PASS
26(814-824)	1.4MHz	64QAM	26697	6RB#0	19.93	50.00	PASS
26(814-824)	1.4MHz	64QAM	26740	1RB#0	20.91	50.00	PASS
26(814-824)	1.4MHz	64QAM	26740	1RB#2	21.18	50.00	PASS
26(814-824)	1.4MHz	64QAM	26740	1RB#5	20.63	50.00	PASS
26(814-824)	1.4MHz	64QAM	26740	6RB#0	19.76	50.00	PASS
26(814-824)	1.4MHz	64QAM	26783	1RB#0	20.98	50.00	PASS
26(814-824)	1.4MHz	64QAM	26783	1RB#2	21.35	50.00	PASS
26(814-824)	1.4MHz	64QAM	26783	1RB#5	20.88	50.00	PASS
26(814-824)	1.4MHz	64QAM	26783	6RB#0	19.91	50.00	PASS

26(814-824)	1.4MHz	256QAM	26697	1RB#0	18.09	50.00	PASS
26(814-824)	1.4MHz	256QAM	26697	1RB#2	18.1	50.00	PASS
26(814-824)	1.4MHz	256QAM	26697	1RB#5	17.9	50.00	PASS
26(814-824)	1.4MHz	256QAM	26697	6RB#0	18.07	50.00	PASS
26(814-824)	1.4MHz	256QAM	26740	1RB#0	17.72	50.00	PASS
26(814-824)	1.4MHz	256QAM	26740	1RB#2	17.77	50.00	PASS
26(814-824)	1.4MHz	256QAM	26740	1RB#5	17.85	50.00	PASS
26(814-824)	1.4MHz	256QAM	26740	6RB#0	18.02	50.00	PASS
26(814-824)	1.4MHz	256QAM	26783	1RB#0	17.84	50.00	PASS
26(814-824)	1.4MHz	256QAM	26783	1RB#2	17.75	50.00	PASS
26(814-824)	1.4MHz	256QAM	26783	1RB#5	18.18	50.00	PASS
26(814-824)	1.4MHz	256QAM	26783	6RB#0	18.07	50.00	PASS
26(814-824)	3MHz	QPSK	26705	1RB#0	23.41	50.00	PASS
26(814-824)	3MHz	QPSK	26705	1RB#8	23.61	50.00	PASS
26(814-824)	3MHz	QPSK	26705	1RB#14	23.42	50.00	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	22.61	50.00	PASS
26(814-824)	3MHz	QPSK	26740	1RB#0	23.48	50.00	PASS
26(814-824)	3MHz	QPSK	26740	1RB#8	23.51	50.00	PASS
26(814-824)	3MHz	QPSK	26740	1RB#14	23.47	50.00	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	22.57	50.00	PASS
26(814-824)	3MHz	QPSK	26775	1RB#0	23.45	50.00	PASS
26(814-824)	3MHz	QPSK	26775	1RB#8	23.58	50.00	PASS
26(814-824)	3MHz	QPSK	26775	1RB#14	23.47	50.00	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	22.55	50.00	PASS
26(814-824)	3MHz	16QAM	26705	1RB#0	22.45	50.00	PASS
26(814-824)	3MHz	16QAM	26705	1RB#8	22.49	50.00	PASS
26(814-824)	3MHz	16QAM	26705	1RB#14	22.52	50.00	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	21.58	50.00	PASS
26(814-824)	3MHz	16QAM	26740	1RB#0	22.33	50.00	PASS
26(814-824)	3MHz	16QAM	26740	1RB#8	22.65	50.00	PASS
26(814-824)	3MHz	16QAM	26740	1RB#14	22.61	50.00	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	21.52	50.00	PASS
26(814-824)	3MHz	16QAM	26775	1RB#0	22.53	50.00	PASS
26(814-824)	3MHz	16QAM	26775	1RB#8	22.48	50.00	PASS
26(814-824)	3MHz	16QAM	26775	1RB#14	22.51	50.00	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	21.45	50.00	PASS
26(814-824)	3MHz	64QAM	26705	1RB#0	20.76	50.00	PASS
26(814-824)	3MHz	64QAM	26705	1RB#8	21.26	50.00	PASS
26(814-824)	3MHz	64QAM	26705	1RB#14	21.12	50.00	PASS
26(814-824)	3MHz	64QAM	26705	15RB#0	20.07	50.00	PASS
26(814-824)	3MHz	64QAM	26740	1RB#0	20.68	50.00	PASS
26(814-824)	3MHz	64QAM	26740	1RB#8	20.76	50.00	PASS
26(814-824)	3MHz	64QAM	26740	1RB#14	20.97	50.00	PASS
26(814-824)	3MHz	64QAM	26740	15RB#0	19.97	50.00	PASS

26(814-824)	3MHz	64QAM	26775	1RB#0	20.94	50.00	PASS
26(814-824)	3MHz	64QAM	26775	1RB#8	20.98	50.00	PASS
26(814-824)	3MHz	64QAM	26775	1RB#14	20.74	50.00	PASS
26(814-824)	3MHz	64QAM	26775	15RB#0	20.19	50.00	PASS
26(814-824)	3MHz	256QAM	26705	1RB#0	17.66	50.00	PASS
26(814-824)	3MHz	256QAM	26705	1RB#8	18.1	50.00	PASS
26(814-824)	3MHz	256QAM	26705	1RB#14	17.74	50.00	PASS
26(814-824)	3MHz	256QAM	26705	15RB#0	18.12	50.00	PASS
26(814-824)	3MHz	256QAM	26740	1RB#0	17.83	50.00	PASS
26(814-824)	3MHz	256QAM	26740	1RB#8	18.12	50.00	PASS
26(814-824)	3MHz	256QAM	26740	1RB#14	18.05	50.00	PASS
26(814-824)	3MHz	256QAM	26740	15RB#0	18.06	50.00	PASS
26(814-824)	3MHz	256QAM	26775	1RB#0	17.79	50.00	PASS
26(814-824)	3MHz	256QAM	26775	1RB#8	18.15	50.00	PASS
26(814-824)	3MHz	256QAM	26775	1RB#14	17.96	50.00	PASS
26(814-824)	3MHz	256QAM	26775	15RB#0	18.04	50.00	PASS
26(814-824)	5MHz	QPSK	26715	1RB#0	23.65	50.00	PASS
26(814-824)	5MHz	QPSK	26715	1RB#12	23.62	50.00	PASS
26(814-824)	5MHz	QPSK	26715	1RB#24	23.46	50.00	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	22.58	50.00	PASS
26(814-824)	5MHz	QPSK	26740	1RB#0	23.58	50.00	PASS
26(814-824)	5MHz	QPSK	26740	1RB#12	23.61	50.00	PASS
26(814-824)	5MHz	QPSK	26740	1RB#24	23.48	50.00	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	22.56	50.00	PASS
26(814-824)	5MHz	QPSK	26765	1RB#0	23.51	50.00	PASS
26(814-824)	5MHz	QPSK	26765	1RB#12	23.52	50.00	PASS
26(814-824)	5MHz	QPSK	26765	1RB#24	23.5	50.00	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	22.58	50.00	PASS
26(814-824)	5MHz	16QAM	26715	1RB#0	22.56	50.00	PASS
26(814-824)	5MHz	16QAM	26715	1RB#12	22.64	50.00	PASS
26(814-824)	5MHz	16QAM	26715	1RB#24	22.59	50.00	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	21.6	50.00	PASS
26(814-824)	5MHz	16QAM	26740	1RB#0	22.6	50.00	PASS
26(814-824)	5MHz	16QAM	26740	1RB#12	22.74	50.00	PASS
26(814-824)	5MHz	16QAM	26740	1RB#24	22.53	50.00	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	21.55	50.00	PASS
26(814-824)	5MHz	16QAM	26765	1RB#0	22.66	50.00	PASS
26(814-824)	5MHz	16QAM	26765	1RB#12	22.71	50.00	PASS
26(814-824)	5MHz	16QAM	26765	1RB#24	22.44	50.00	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	21.53	50.00	PASS
26(814-824)	5MHz	64QAM	26715	1RB#0	21.34	50.00	PASS
26(814-824)	5MHz	64QAM	26715	1RB#12	20.94	50.00	PASS
26(814-824)	5MHz	64QAM	26715	1RB#24	20.83	50.00	PASS
26(814-824)	5MHz	64QAM	26715	25RB#0	20.12	50.00	PASS

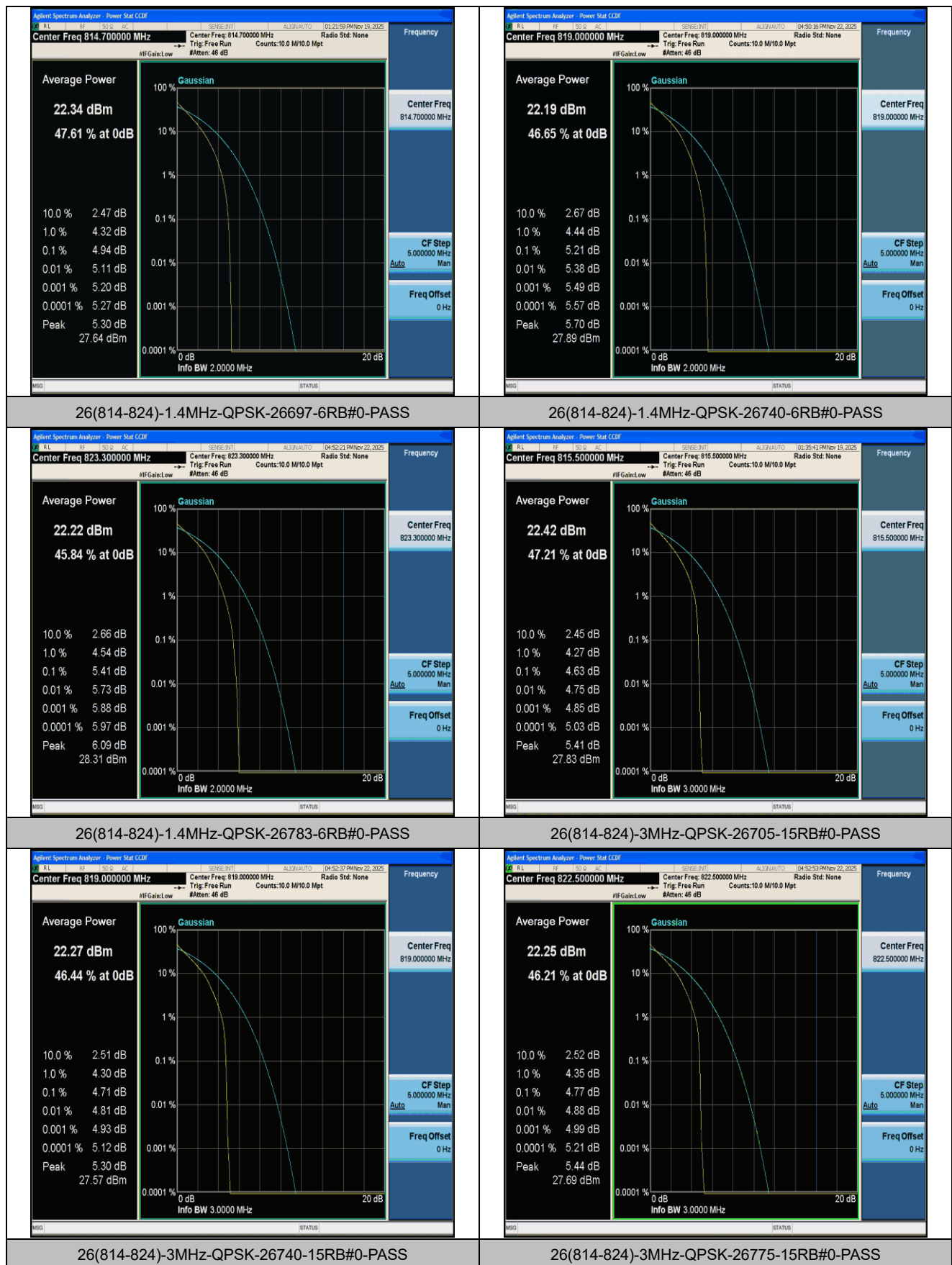
26(814-824)	5MHz	64QAM	26740	1RB#0	21.24	50.00	PASS
26(814-824)	5MHz	64QAM	26740	1RB#12	20.92	50.00	PASS
26(814-824)	5MHz	64QAM	26740	1RB#24	20.8	50.00	PASS
26(814-824)	5MHz	64QAM	26740	25RB#0	20.1	50.00	PASS
26(814-824)	5MHz	64QAM	26765	1RB#0	21.18	50.00	PASS
26(814-824)	5MHz	64QAM	26765	1RB#12	20.87	50.00	PASS
26(814-824)	5MHz	64QAM	26765	1RB#24	20.89	50.00	PASS
26(814-824)	5MHz	64QAM	26765	25RB#0	20.01	50.00	PASS
26(814-824)	5MHz	256QAM	26715	1RB#0	17.92	50.00	PASS
26(814-824)	5MHz	256QAM	26715	1RB#12	18.24	50.00	PASS
26(814-824)	5MHz	256QAM	26715	1RB#24	17.97	50.00	PASS
26(814-824)	5MHz	256QAM	26715	25RB#0	18.09	50.00	PASS
26(814-824)	5MHz	256QAM	26740	1RB#0	17.86	50.00	PASS
26(814-824)	5MHz	256QAM	26740	1RB#12	18.06	50.00	PASS
26(814-824)	5MHz	256QAM	26740	1RB#24	18.03	50.00	PASS
26(814-824)	5MHz	256QAM	26740	25RB#0	18.02	50.00	PASS
26(814-824)	5MHz	256QAM	26765	1RB#0	17.88	50.00	PASS
26(814-824)	5MHz	256QAM	26765	1RB#12	18.07	50.00	PASS
26(814-824)	5MHz	256QAM	26765	1RB#24	17.76	50.00	PASS
26(814-824)	5MHz	256QAM	26765	25RB#0	18.08	50.00	PASS
26(814-824)	10MHz	QPSK	26740	1RB#0	23.55	50.00	PASS
26(814-824)	10MHz	QPSK	26740	1RB#24	23.38	50.00	PASS
26(814-824)	10MHz	QPSK	26740	1RB#49	23.4	50.00	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	22.56	50.00	PASS
26(814-824)	10MHz	16QAM	26740	1RB#0	22.55	50.00	PASS
26(814-824)	10MHz	16QAM	26740	1RB#24	22.36	50.00	PASS
26(814-824)	10MHz	16QAM	26740	1RB#49	22.34	50.00	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	21.55	50.00	PASS
26(814-824)	10MHz	64QAM	26740	1RB#0	20.95	50.00	PASS
26(814-824)	10MHz	64QAM	26740	1RB#24	20.96	50.00	PASS
26(814-824)	10MHz	64QAM	26740	1RB#49	20.92	50.00	PASS
26(814-824)	10MHz	64QAM	26740	50RB#0	20.07	50.00	PASS
26(814-824)	10MHz	256QAM	26740	1RB#0	17.99	50.00	PASS
26(814-824)	10MHz	256QAM	26740	1RB#24	17.77	50.00	PASS
26(814-824)	10MHz	256QAM	26740	1RB#49	17.89	50.00	PASS
26(814-824)	10MHz	256QAM	26740	50RB#0	17.98	50.00	PASS

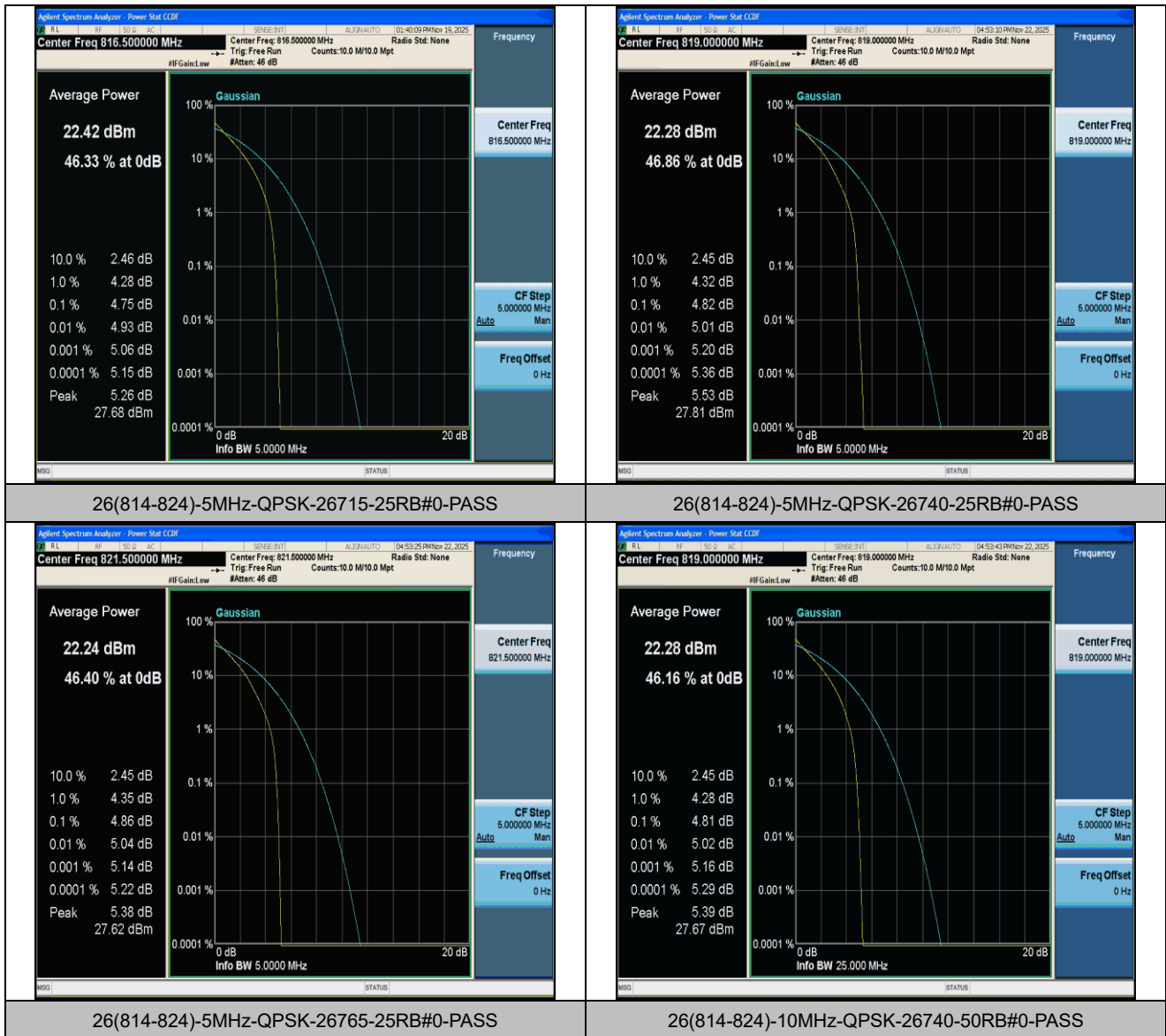
Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
26(814-824)	1.4MHz	QPSK	26697	6RB#0	4.94	13	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	5.21	13	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	5.41	13	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	4.63	13	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	4.71	13	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	4.77	13	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	4.75	13	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	4.82	13	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	4.86	13	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	4.81	13	PASS

Test Graphs





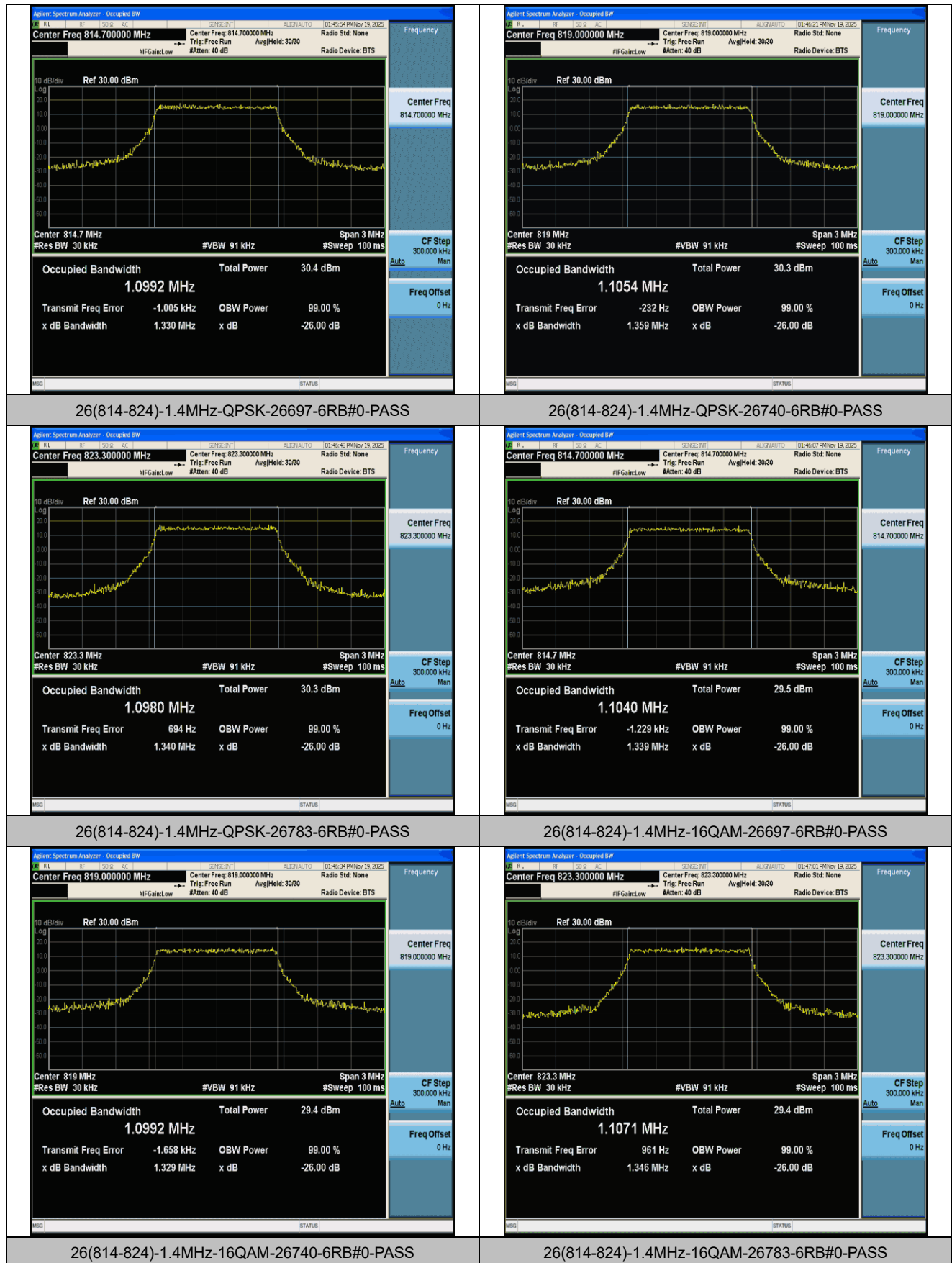
26dB Bandwidth and Occupied Bandwidth

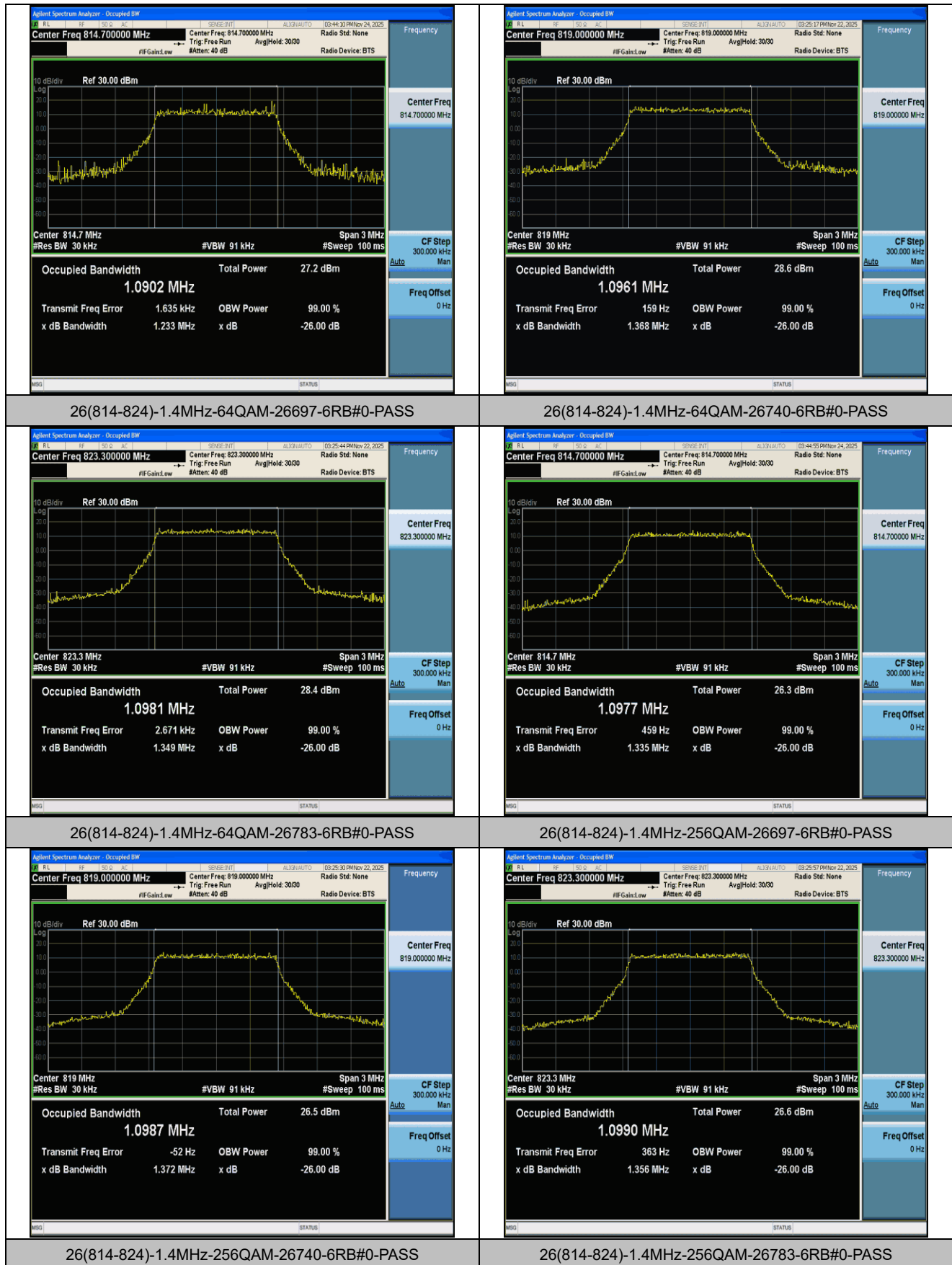
Test Result

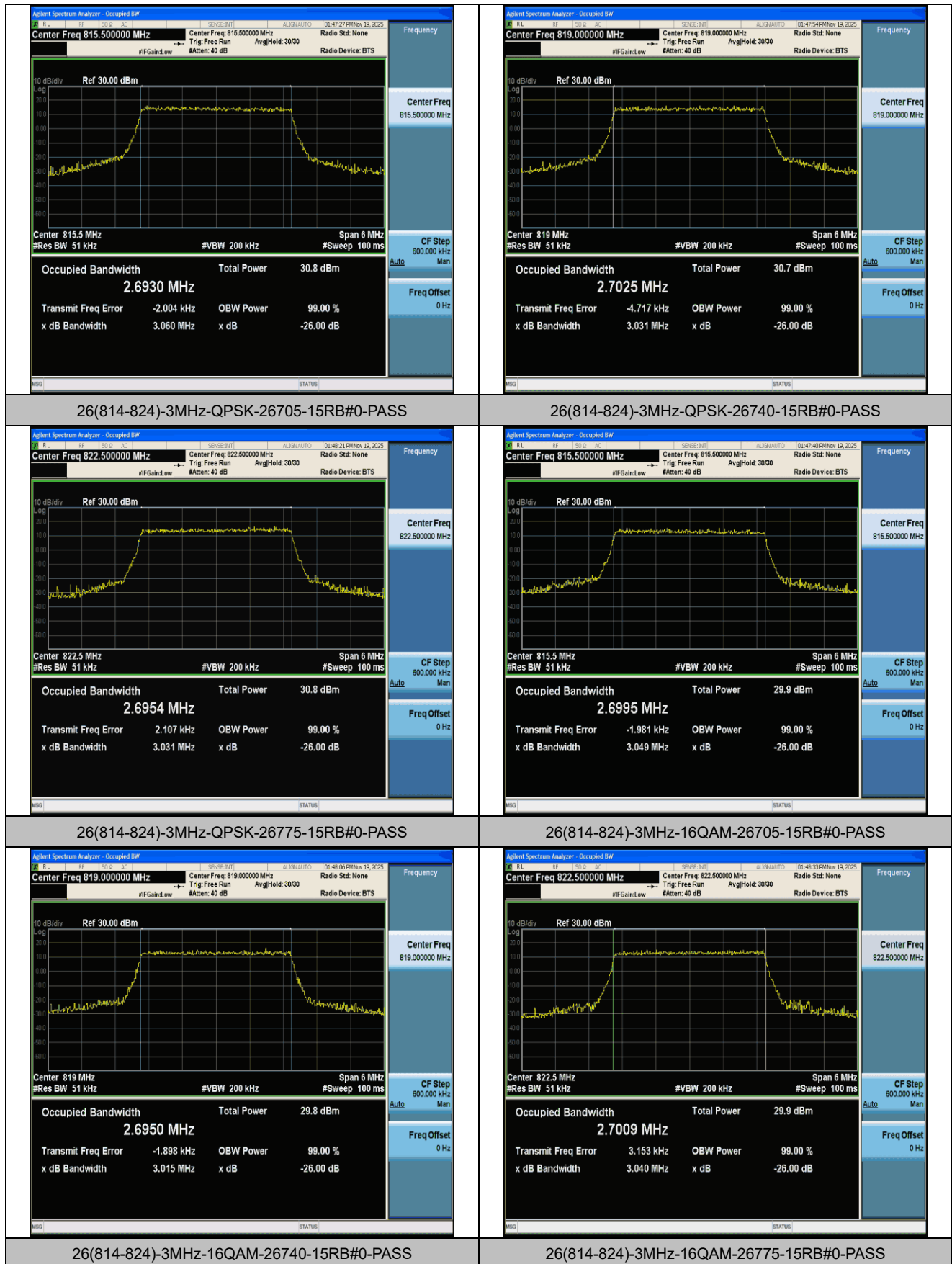
Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
26(814-824)	1.4MHz	QPSK	26697	6RB#0	1.0992	1.330	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	1.1054	1.359	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	1.0980	1.340	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	1.1040	1.339	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	1.0992	1.329	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	1.1071	1.346	PASS
26(814-824)	1.4MHz	64QAM	26697	6RB#0	1.0902	1.233	PASS
26(814-824)	1.4MHz	64QAM	26740	6RB#0	1.0961	1.368	PASS
26(814-824)	1.4MHz	64QAM	26783	6RB#0	1.0981	1.349	PASS
26(814-824)	1.4MHz	256QAM	26697	6RB#0	1.0977	1.335	PASS
26(814-824)	1.4MHz	256QAM	26740	6RB#0	1.0987	1.372	PASS
26(814-824)	1.4MHz	256QAM	26783	6RB#0	1.0990	1.356	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	2.6930	3.060	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	2.7025	3.031	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	2.6954	3.031	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	2.6995	3.049	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	2.6950	3.015	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	2.7009	3.040	PASS
26(814-824)	3MHz	64QAM	26705	15RB#0	2.6967	3.041	PASS
26(814-824)	3MHz	64QAM	26740	15RB#0	2.7028	3.013	PASS
26(814-824)	3MHz	64QAM	26775	15RB#0	2.6981	3.024	PASS
26(814-824)	3MHz	256QAM	26705	15RB#0	2.6985	3.023	PASS
26(814-824)	3MHz	256QAM	26740	15RB#0	2.7052	3.014	PASS
26(814-824)	3MHz	256QAM	26775	15RB#0	2.7033	3.026	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	4.5112	5.151	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	4.5093	5.182	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	4.5137	5.155	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	4.5041	5.171	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	4.5060	5.120	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	4.5090	5.148	PASS
26(814-824)	5MHz	64QAM	26715	25RB#0	4.5066	5.136	PASS
26(814-824)	5MHz	64QAM	26740	25RB#0	4.5118	5.184	PASS
26(814-824)	5MHz	64QAM	26765	25RB#0	4.5062	5.140	PASS
26(814-824)	5MHz	256QAM	26715	25RB#0	4.5072	5.120	PASS
26(814-824)	5MHz	256QAM	26740	25RB#0	4.5062	5.168	PASS
26(814-824)	5MHz	256QAM	26765	25RB#0	4.5076	5.084	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	9.0141	10.13	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	9.0266	10.10	PASS

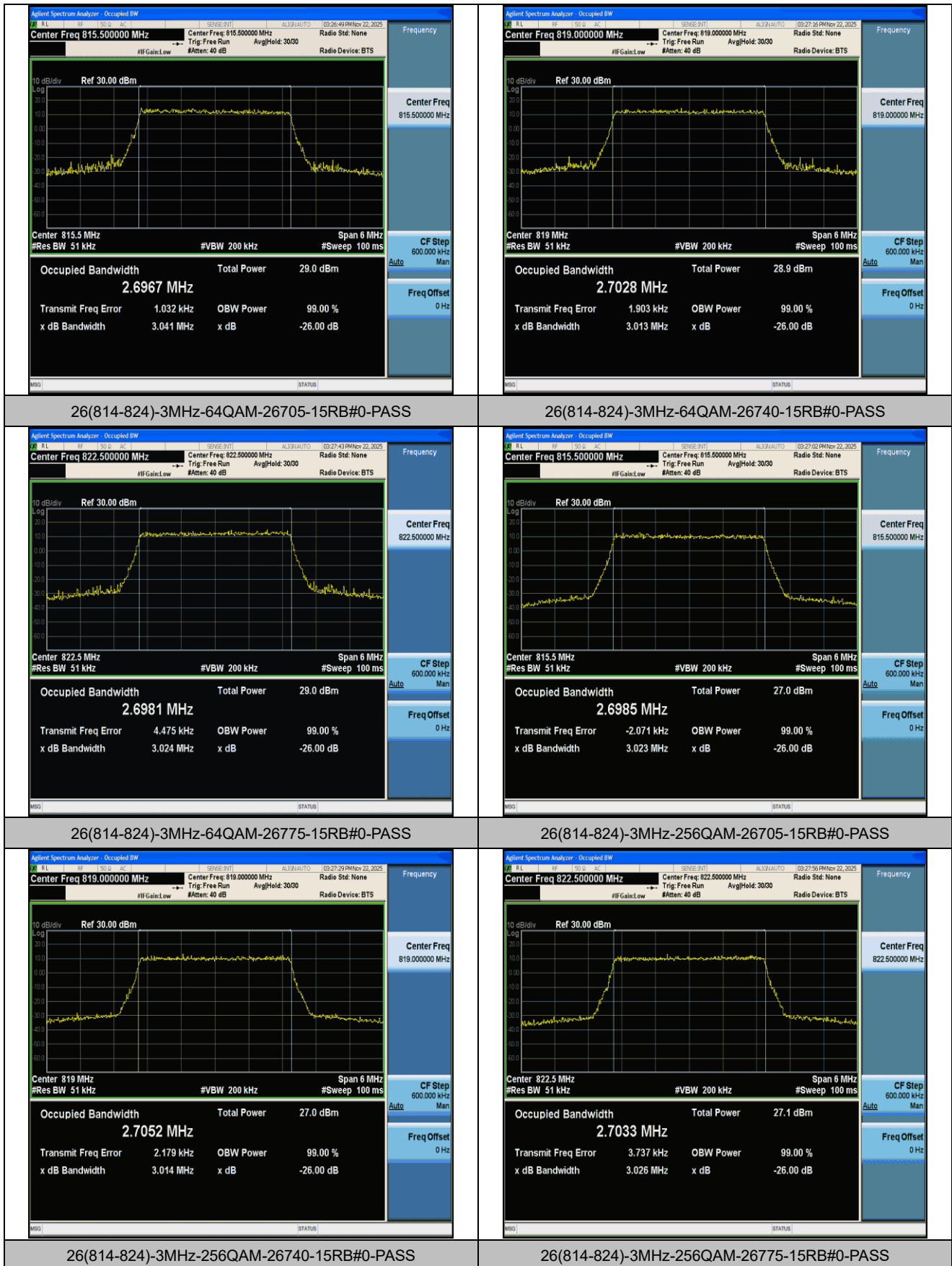
26(814-824)	10MHz	64QAM	26740	50RB#0	9.0243	10.11	PASS
26(814-824)	10MHz	256QAM	26740	50RB#0	9.0293	10.19	PASS

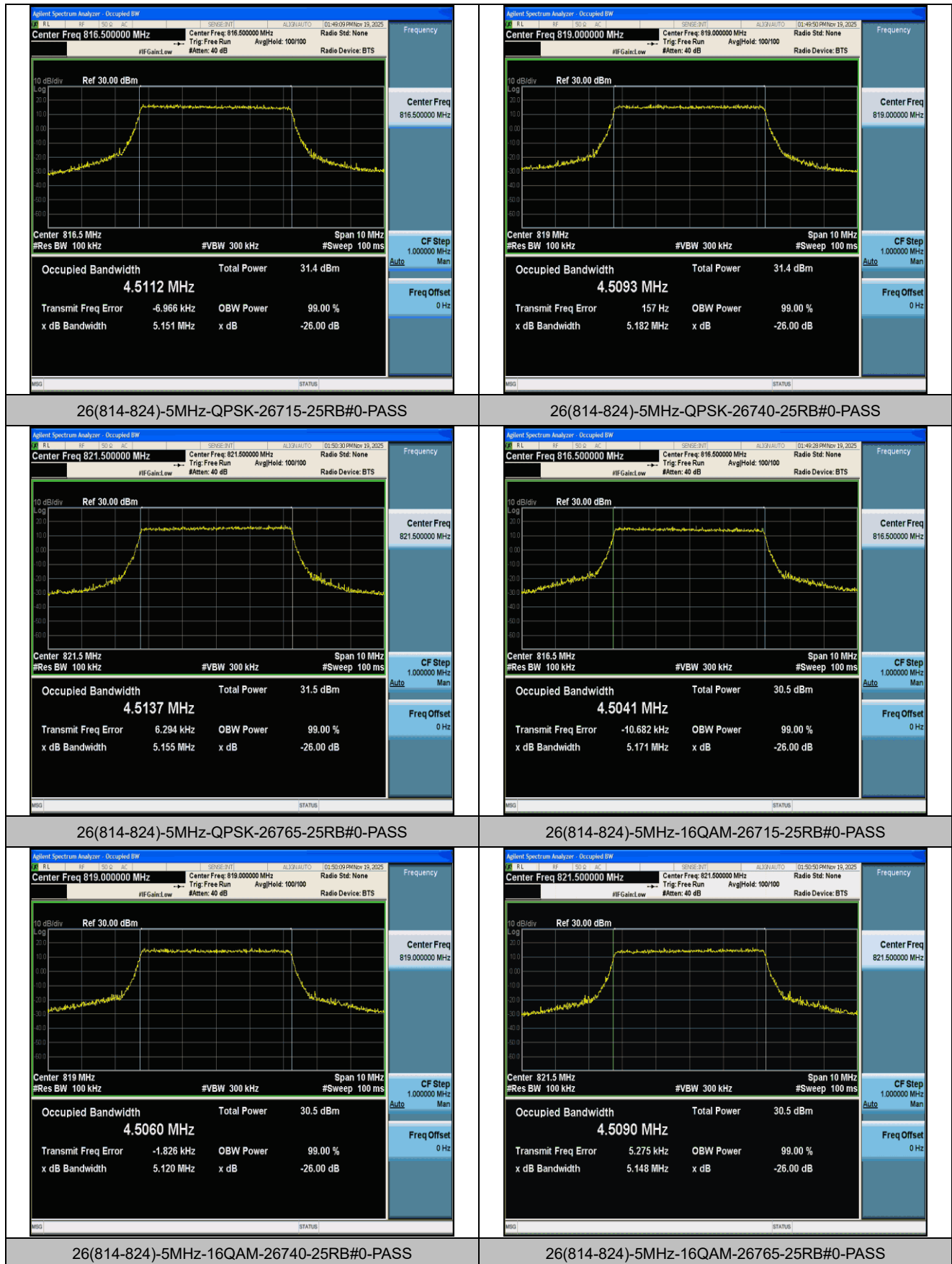
Test Graphs

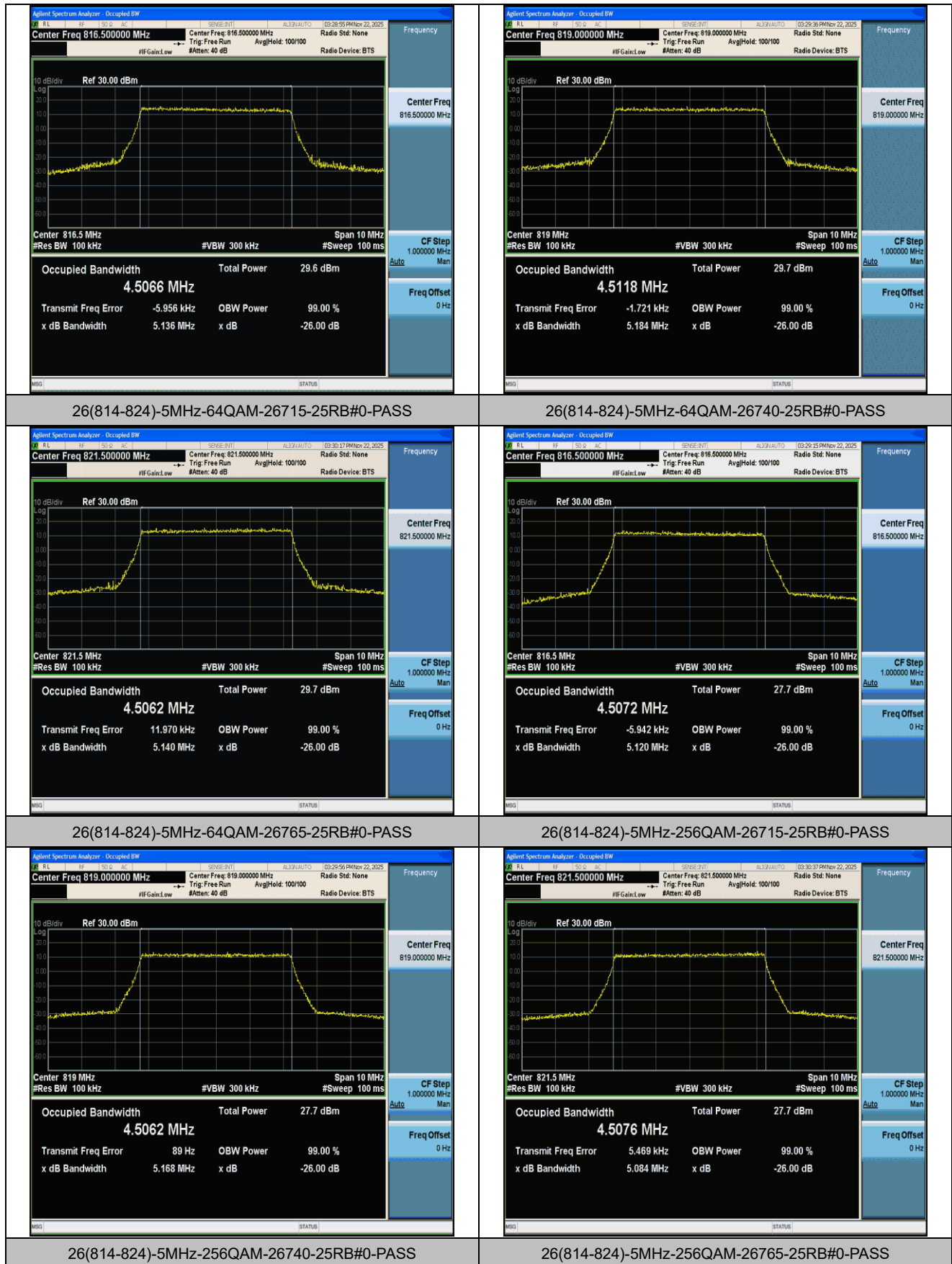








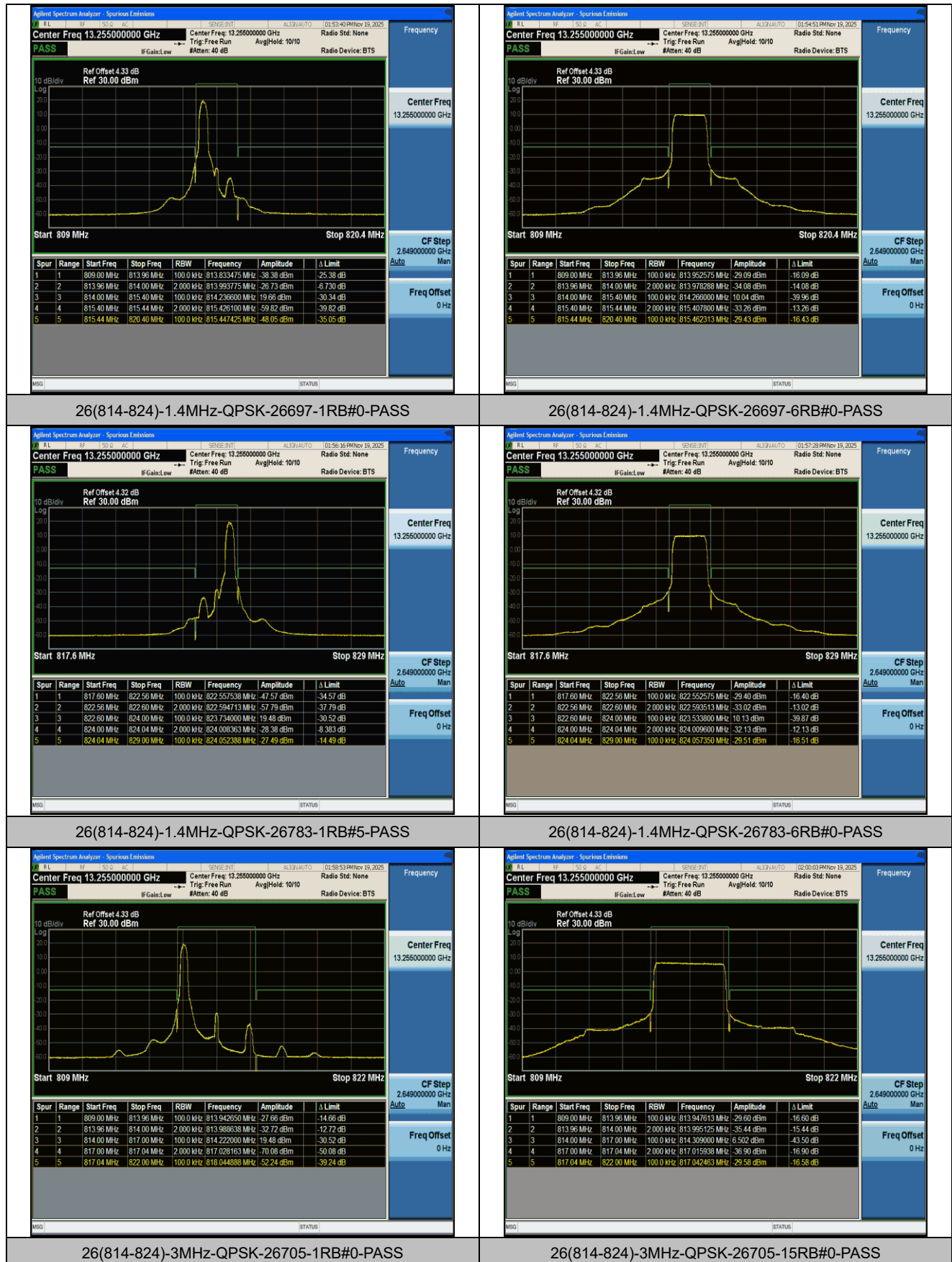


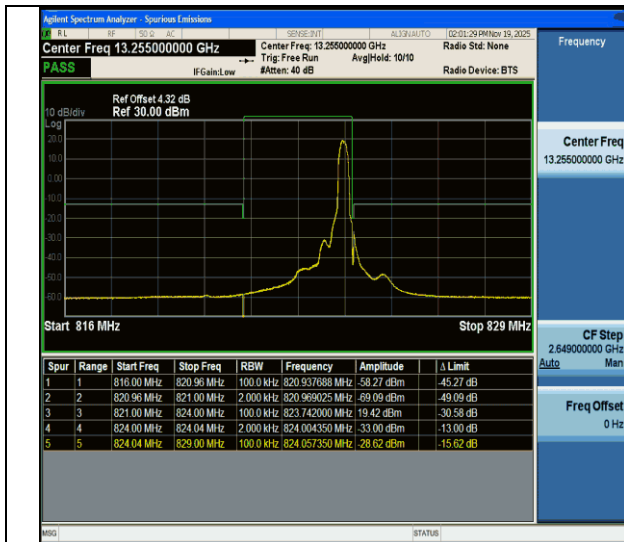




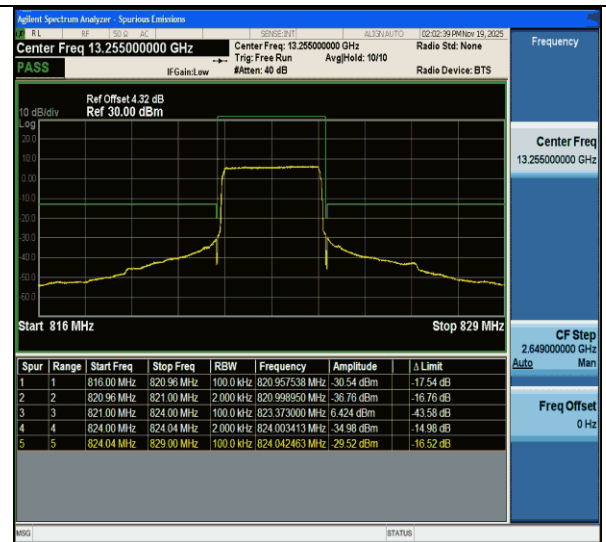
Band Edge

Test Graphs

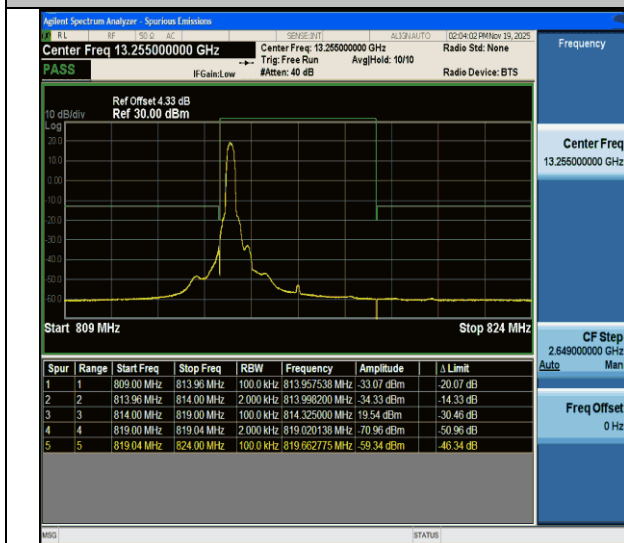




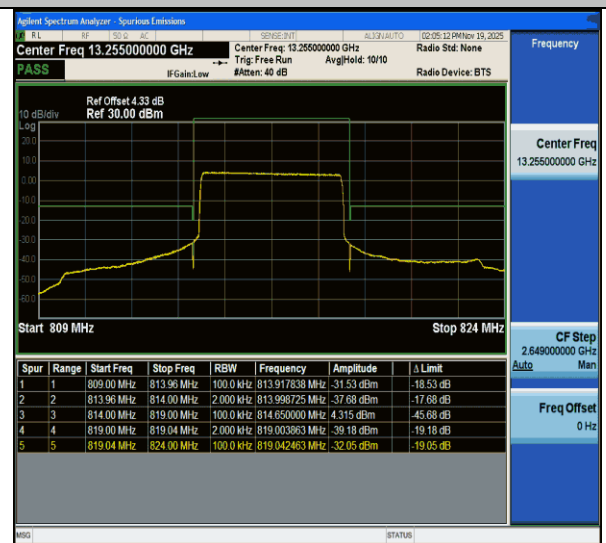
26(814-824)-3MHz-QPSK-26775-1RB#14-PASS



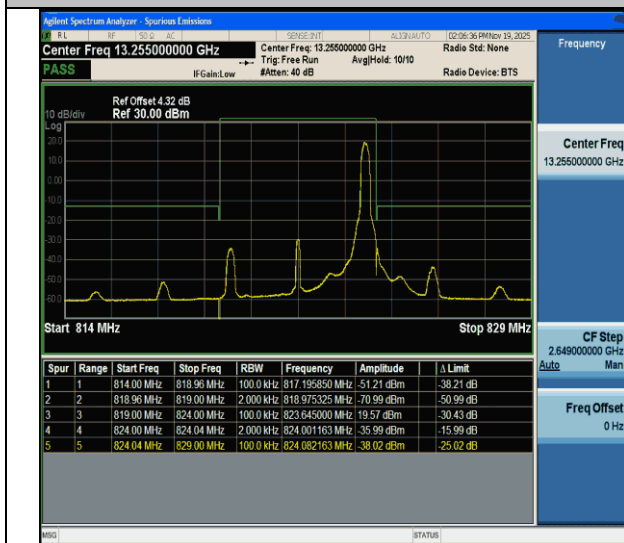
26(814-824)-3MHz-QPSK-26775-15RB#0-PASS



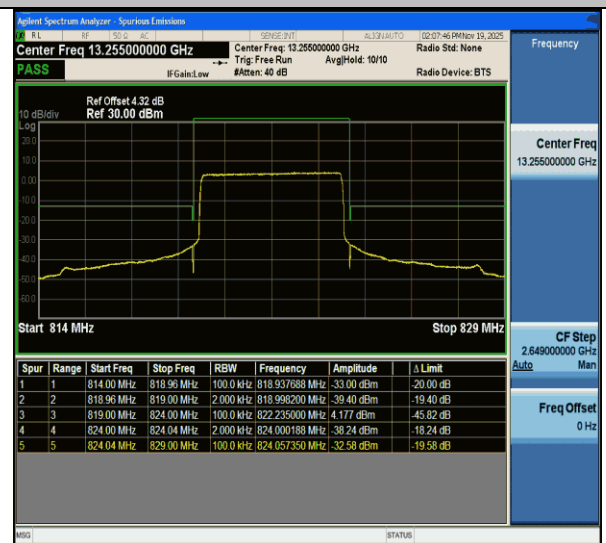
26(814-824)-5MHz-QPSK-26715-1RB#0-PASS



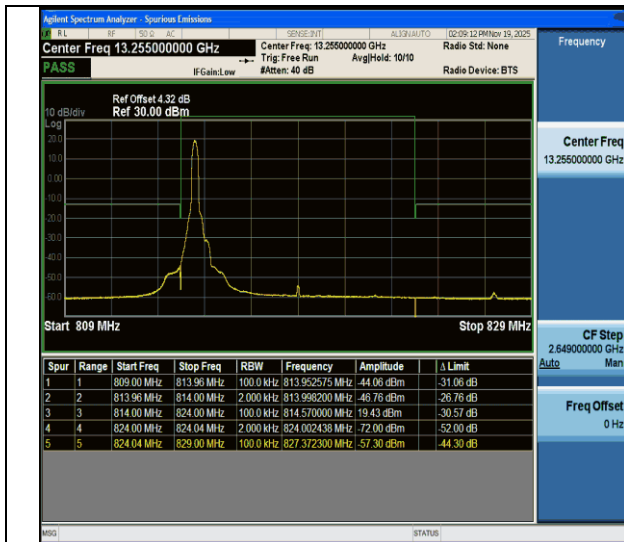
26(814-824)-5MHz-QPSK-26715-25RB#0-PASS



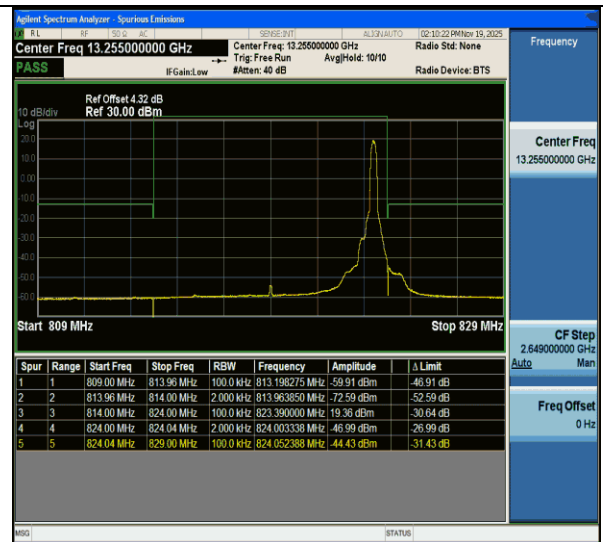
26(814-824)-5MHz-QPSK-26765-1RB#24-PASS



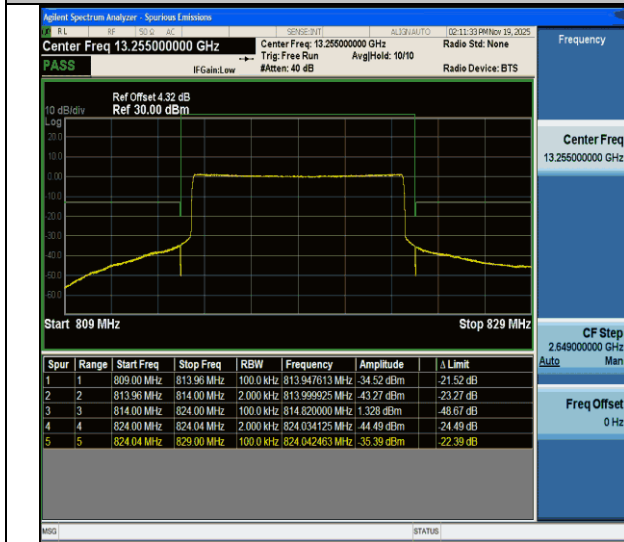
26(814-824)-5MHz-QPSK-26765-25RB#0-PASS



26(814-824)-10MHz-QPSK-26740-1RB#0-PASS



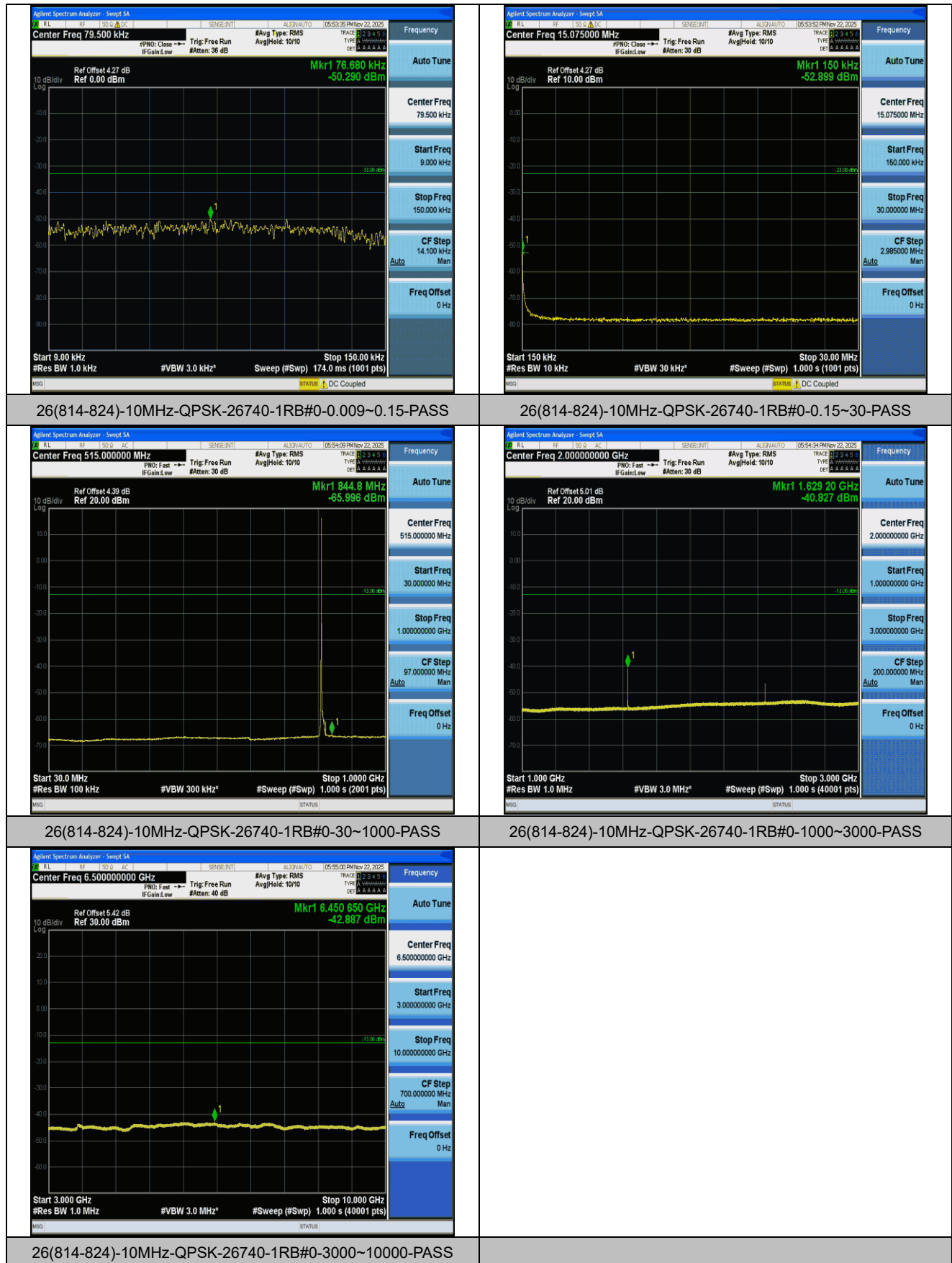
26(814-824)-10MHz-QPSK-26740-1RB#49-PASS



26(814-824)-10MHz-QPSK-26740-50RB#0-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	50RB#0	VN	NT	2.20	0.002686	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	VL	NT	0.50	0.000611	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	VH	NT	-2.80	-0.003419	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
26(814-824)	10MHz	QPSK	26740	50RB#0	NV	-30	2.40	0.002930	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	NV	-20	0.60	0.000733	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	NV	-10	0.20	0.000244	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	NV	0	0.30	0.000366	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	NV	10	2.10	0.002564	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	NV	20	1.40	0.001709	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	NV	30	1.00	0.001221	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	NV	40	0.10	0.000122	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	NV	50	-1.00	-0.001221	PASS

~The End~