

Appendix-C 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	23.68	50.00	PASS
26(814-824)	1.4MHz	QPSK	26697	1RB#2	23.65	50.00	PASS
26(814-824)	1.4MHz	QPSK	26697	1RB#5	23.66	50.00	PASS
26(814-824)	1.4MHz	QPSK	26697	6RB#0	21.51	50.00	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#0	22.75	50.00	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#2	22.8	50.00	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#5	22.77	50.00	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	21.5	50.00	PASS
26(814-824)	1.4MHz	64QAM	26697	1RB#0	22.11	50.00	PASS
26(814-824)	1.4MHz	64QAM	26697	1RB#2	22.05	50.00	PASS
26(814-824)	1.4MHz	64QAM	26697	1RB#5	21.63	50.00	PASS
26(814-824)	1.4MHz	64QAM	26697	6RB#0	20.78	50.00	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#0	24.11	50.00	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#2	24.02	50.00	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#5	23.82	50.00	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	22.58	50.00	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#0	22.84	50.00	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#2	22.88	50.00	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#5	23.01	50.00	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	21.59	50.00	PASS
26(814-824)	1.4MHz	64QAM	26740	1RB#0	22.33	50.00	PASS
26(814-824)	1.4MHz	64QAM	26740	1RB#2	22.52	50.00	PASS
26(814-824)	1.4MHz	64QAM	26740	1RB#5	22.38	50.00	PASS
26(814-824)	1.4MHz	64QAM	26740	6RB#0	21.3	50.00	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#0	23.94	50.00	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#2	23.8	50.00	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#5	23.73	50.00	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	23.04	50.00	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#0	23.05	50.00	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#2	23.13	50.00	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#5	22.67	50.00	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	21.99	50.00	PASS
26(814-824)	1.4MHz	64QAM	26783	1RB#0	21.84	50.00	PASS
26(814-824)	1.4MHz	64QAM	26783	1RB#2	22.42	50.00	PASS
26(814-824)	1.4MHz	64QAM	26783	1RB#5	22.27	50.00	PASS
26(814-824)	1.4MHz	64QAM	26783	6RB#0	21.07	50.00	PASS

26(814-824)	3MHz	QPSK	26705	1RB#0	23.96	50.00	PASS
26(814-824)	3MHz	QPSK	26705	1RB#8	23.93	50.00	PASS
26(814-824)	3MHz	QPSK	26705	1RB#14	23.97	50.00	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	22.84	50.00	PASS
26(814-824)	3MHz	16QAM	26705	1RB#0	22.78	50.00	PASS
26(814-824)	3MHz	16QAM	26705	1RB#8	22.96	50.00	PASS
26(814-824)	3MHz	16QAM	26705	1RB#14	22.85	50.00	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	22	50.00	PASS
26(814-824)	3MHz	64QAM	26705	1RB#0	22.02	50.00	PASS
26(814-824)	3MHz	64QAM	26705	1RB#8	22.06	50.00	PASS
26(814-824)	3MHz	64QAM	26705	1RB#14	21.89	50.00	PASS
26(814-824)	3MHz	64QAM	26705	15RB#0	21.01	50.00	PASS
26(814-824)	3MHz	QPSK	26740	1RB#0	24.12	50.00	PASS
26(814-824)	3MHz	QPSK	26740	1RB#8	24.05	50.00	PASS
26(814-824)	3MHz	QPSK	26740	1RB#14	24.09	50.00	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	23.11	50.00	PASS
26(814-824)	3MHz	16QAM	26740	1RB#0	22.88	50.00	PASS
26(814-824)	3MHz	16QAM	26740	1RB#8	23.02	50.00	PASS
26(814-824)	3MHz	16QAM	26740	1RB#14	22.93	50.00	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	22.07	50.00	PASS
26(814-824)	3MHz	64QAM	26740	1RB#0	22.1	50.00	PASS
26(814-824)	3MHz	64QAM	26740	1RB#8	22.32	50.00	PASS
26(814-824)	3MHz	64QAM	26740	1RB#14	22.37	50.00	PASS
26(814-824)	3MHz	64QAM	26740	15RB#0	21.11	50.00	PASS
26(814-824)	3MHz	QPSK	26775	1RB#0	24.07	50.00	PASS
26(814-824)	3MHz	QPSK	26775	1RB#8	24.02	50.00	PASS
26(814-824)	3MHz	QPSK	26775	1RB#14	24.03	50.00	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	23.13	50.00	PASS
26(814-824)	3MHz	16QAM	26775	1RB#0	23.06	50.00	PASS
26(814-824)	3MHz	16QAM	26775	1RB#8	23.35	50.00	PASS
26(814-824)	3MHz	16QAM	26775	1RB#14	23.06	50.00	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	22.1	50.00	PASS
26(814-824)	3MHz	64QAM	26775	1RB#0	22.1	50.00	PASS
26(814-824)	3MHz	64QAM	26775	1RB#8	22.41	50.00	PASS
26(814-824)	3MHz	64QAM	26775	1RB#14	22.21	50.00	PASS
26(814-824)	3MHz	64QAM	26775	15RB#0	21.1	50.00	PASS
26(814-824)	5MHz	QPSK	26715	1RB#0	24.05	50.00	PASS
26(814-824)	5MHz	QPSK	26715	1RB#12	24.02	50.00	PASS
26(814-824)	5MHz	QPSK	26715	1RB#24	24.06	50.00	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	22.75	50.00	PASS
26(814-824)	5MHz	16QAM	26715	1RB#0	23.25	50.00	PASS
26(814-824)	5MHz	16QAM	26715	1RB#12	22.88	50.00	PASS
26(814-824)	5MHz	16QAM	26715	1RB#24	22.94	50.00	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	22.01	50.00	PASS

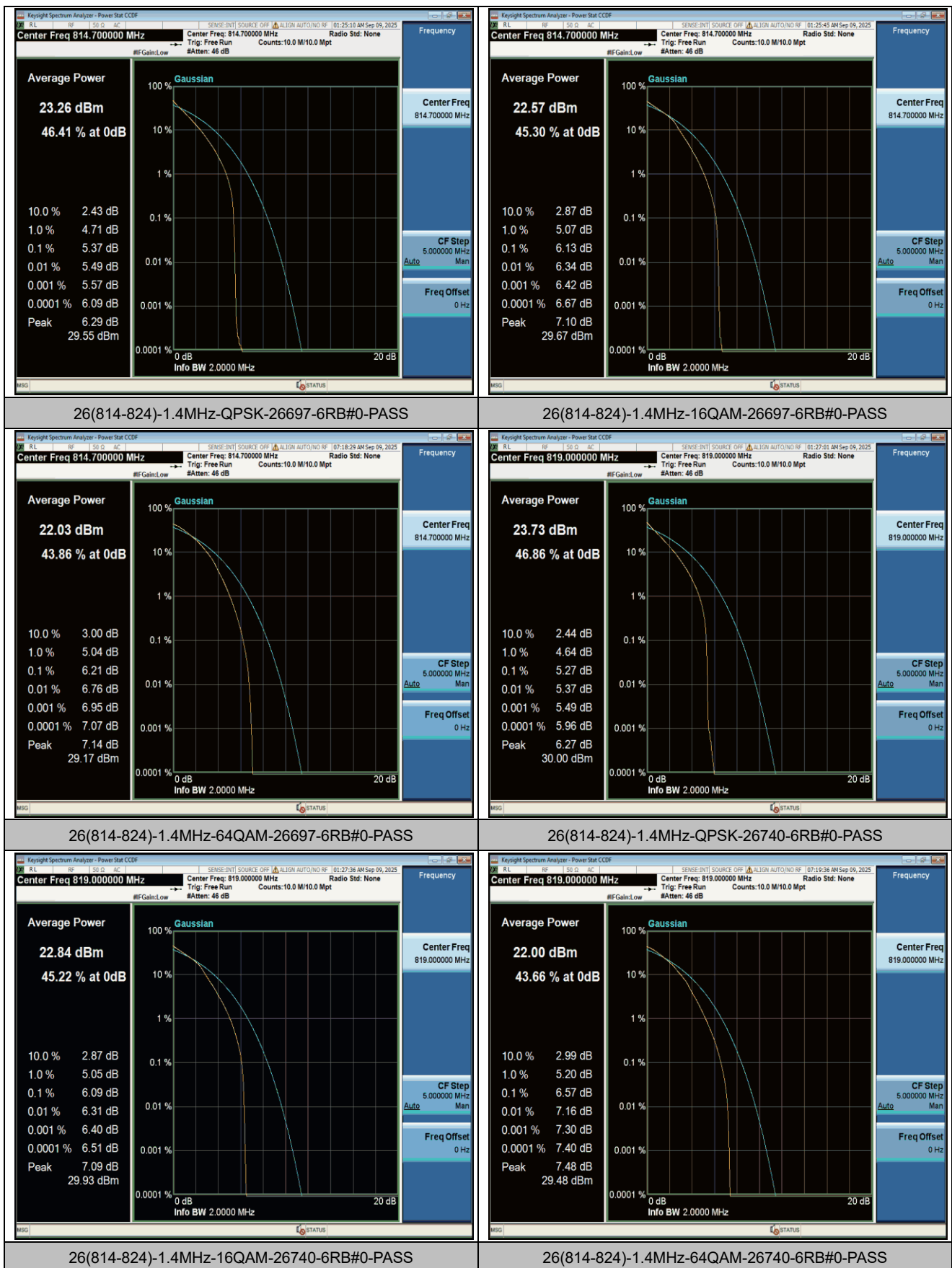
26(814-824)	5MHz	64QAM	26715	1RB#0	22.55	50.00	PASS
26(814-824)	5MHz	64QAM	26715	1RB#12	22.1	50.00	PASS
26(814-824)	5MHz	64QAM	26715	1RB#24	22.18	50.00	PASS
26(814-824)	5MHz	64QAM	26715	25RB#0	21	50.00	PASS
26(814-824)	5MHz	QPSK	26740	1RB#0	24.04	50.00	PASS
26(814-824)	5MHz	QPSK	26740	1RB#12	23.93	50.00	PASS
26(814-824)	5MHz	QPSK	26740	1RB#24	24.11	50.00	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	22.87	50.00	PASS
26(814-824)	5MHz	16QAM	26740	1RB#0	23.17	50.00	PASS
26(814-824)	5MHz	16QAM	26740	1RB#12	23.01	50.00	PASS
26(814-824)	5MHz	16QAM	26740	1RB#24	23.03	50.00	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	22.17	50.00	PASS
26(814-824)	5MHz	64QAM	26740	1RB#0	22.51	50.00	PASS
26(814-824)	5MHz	64QAM	26740	1RB#12	22.09	50.00	PASS
26(814-824)	5MHz	64QAM	26740	1RB#24	22.34	50.00	PASS
26(814-824)	5MHz	64QAM	26740	25RB#0	21.07	50.00	PASS
26(814-824)	5MHz	QPSK	26765	1RB#0	24.01	50.00	PASS
26(814-824)	5MHz	QPSK	26765	1RB#12	23.92	50.00	PASS
26(814-824)	5MHz	QPSK	26765	1RB#24	24.11	50.00	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	23.17	50.00	PASS
26(814-824)	5MHz	16QAM	26765	1RB#0	22.88	50.00	PASS
26(814-824)	5MHz	16QAM	26765	1RB#12	23.23	50.00	PASS
26(814-824)	5MHz	16QAM	26765	1RB#24	22.97	50.00	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	22.17	50.00	PASS
26(814-824)	5MHz	64QAM	26765	1RB#0	22.21	50.00	PASS
26(814-824)	5MHz	64QAM	26765	1RB#12	22.24	50.00	PASS
26(814-824)	5MHz	64QAM	26765	1RB#24	22.2	50.00	PASS
26(814-824)	5MHz	64QAM	26765	25RB#0	21.15	50.00	PASS
26(814-824)	10MHz	QPSK	26740	1RB#0	23.87	50.00	PASS
26(814-824)	10MHz	QPSK	26740	1RB#24	24.08	50.00	PASS
26(814-824)	10MHz	QPSK	26740	1RB#49	24.1	50.00	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	23.08	50.00	PASS
26(814-824)	10MHz	16QAM	26740	1RB#0	23.11	50.00	PASS
26(814-824)	10MHz	16QAM	26740	1RB#24	23.2	50.00	PASS
26(814-824)	10MHz	16QAM	26740	1RB#49	23.12	50.00	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	22.12	50.00	PASS
26(814-824)	10MHz	64QAM	26740	1RB#0	22.23	50.00	PASS
26(814-824)	10MHz	64QAM	26740	1RB#24	22.36	50.00	PASS
26(814-824)	10MHz	64QAM	26740	1RB#49	22.22	50.00	PASS
26(814-824)	10MHz	64QAM	26740	50RB#0	21.14	50.00	PASS

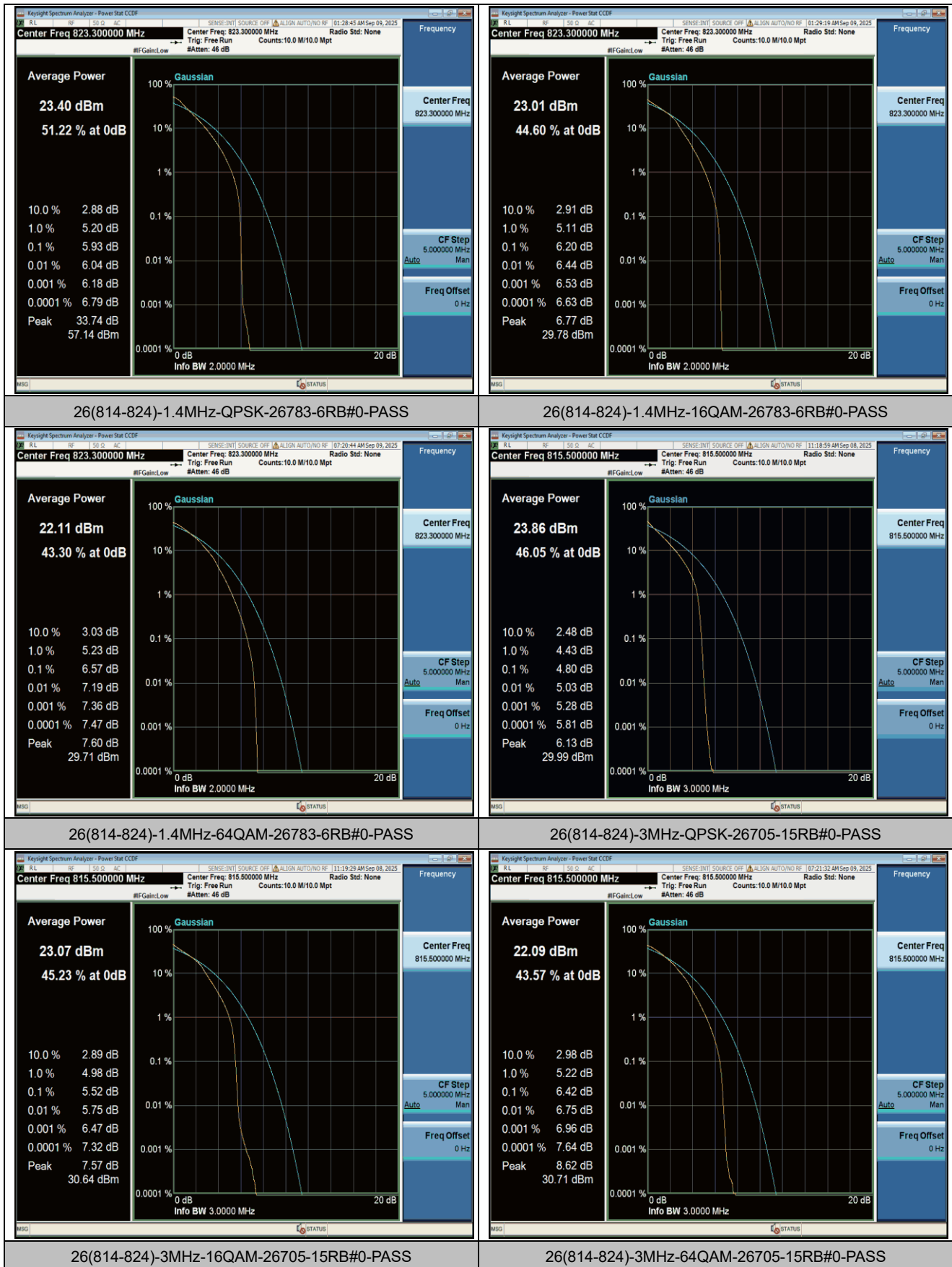
Peak-to-Average Ratio(CCDF)

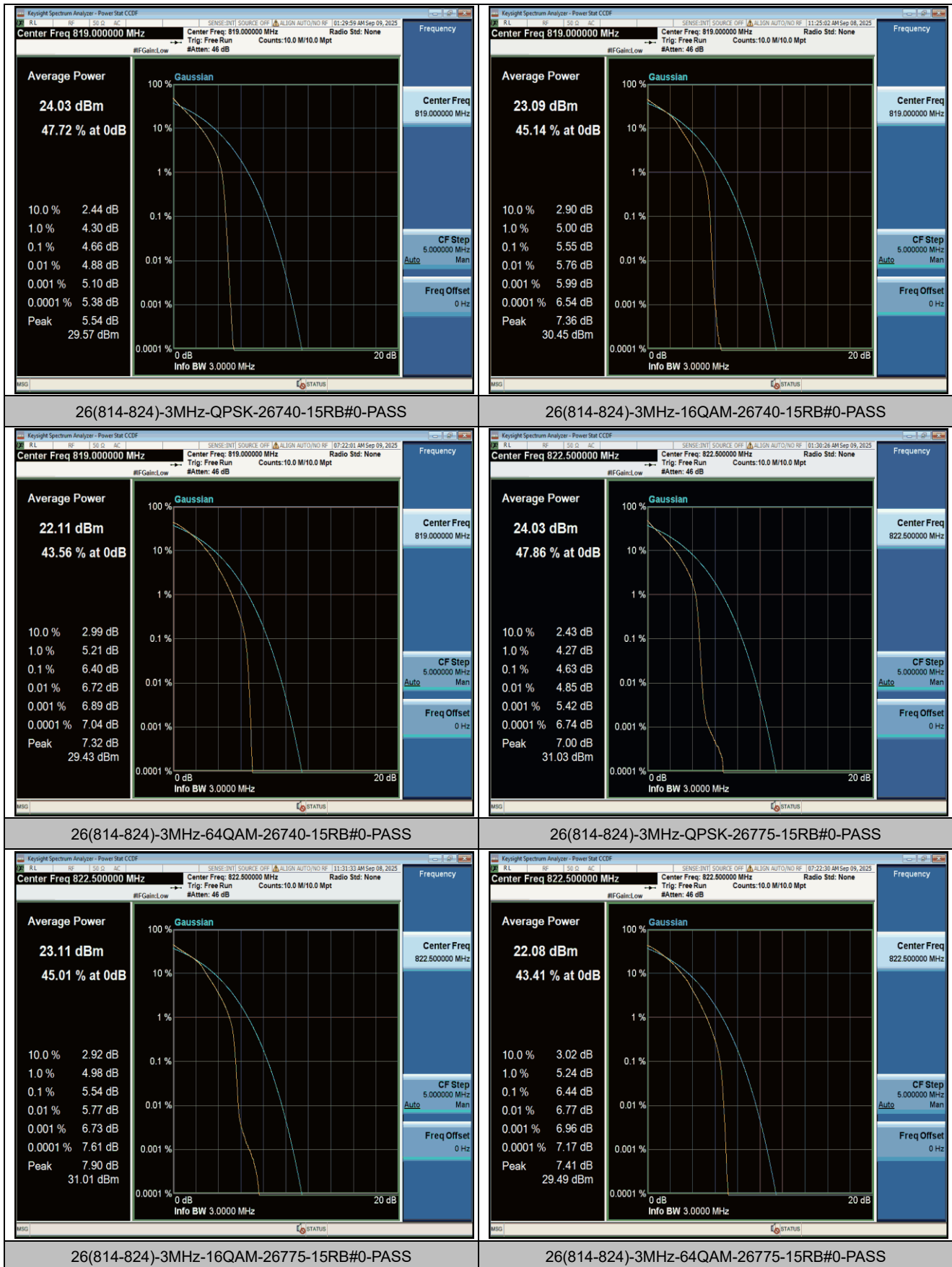
Test Result

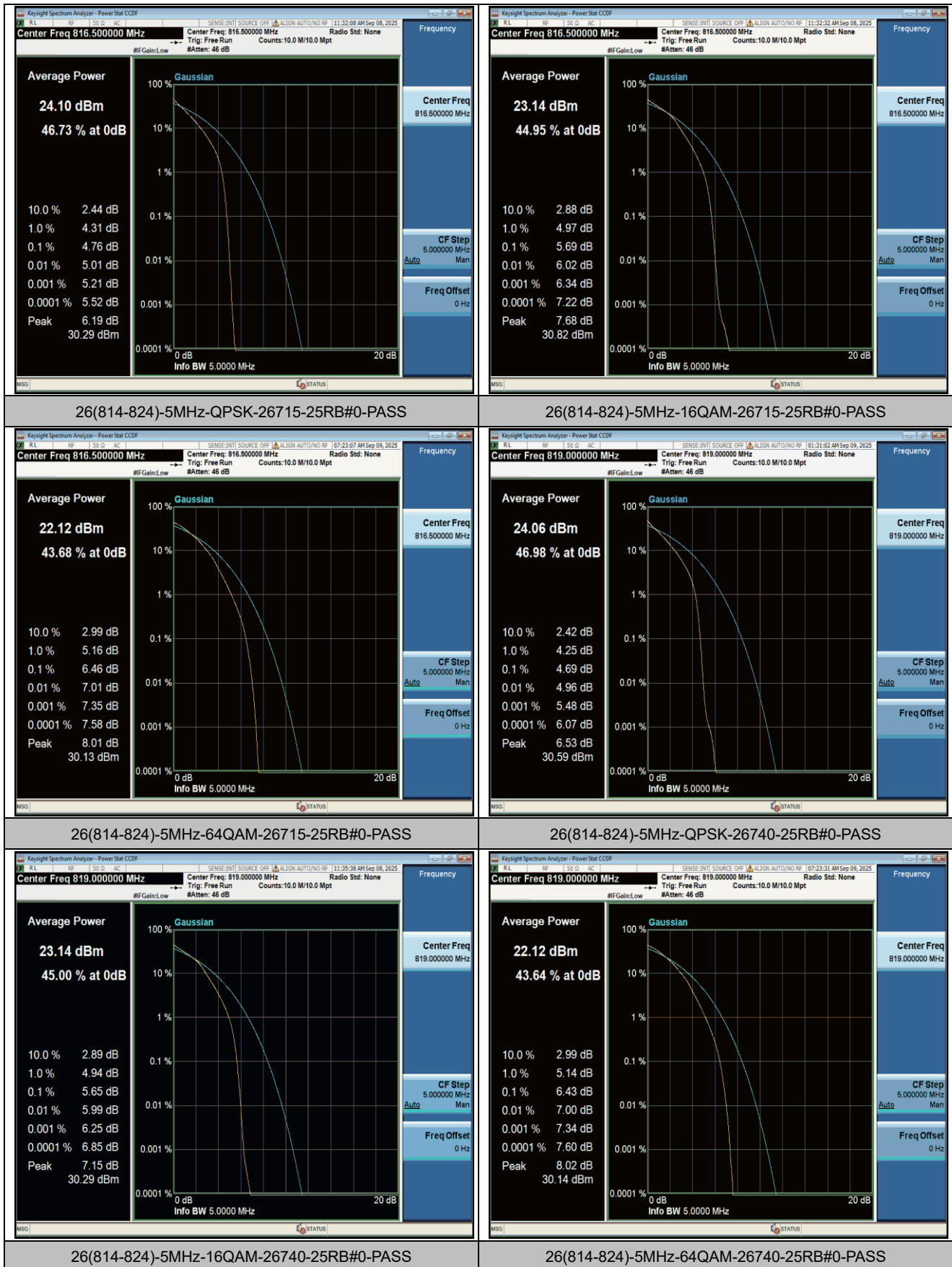
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
26(814-824)	1.4MHz	QPSK	26697	6RB#0	5.37	13	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	6.13	13	PASS
26(814-824)	1.4MHz	64QAM	26697	6RB#0	6.21	13	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	5.27	13	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	6.09	13	PASS
26(814-824)	1.4MHz	64QAM	26740	6RB#0	6.57	13	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	5.93	13	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	6.20	13	PASS
26(814-824)	1.4MHz	64QAM	26783	6RB#0	6.57	13	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	4.80	13	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	5.52	13	PASS
26(814-824)	3MHz	64QAM	26705	15RB#0	6.42	13	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	4.66	13	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	5.55	13	PASS
26(814-824)	3MHz	64QAM	26740	15RB#0	6.40	13	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	4.63	13	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	5.54	13	PASS
26(814-824)	3MHz	64QAM	26775	15RB#0	6.44	13	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	4.76	13	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	5.69	13	PASS
26(814-824)	5MHz	64QAM	26715	25RB#0	6.46	13	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	4.69	13	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	5.65	13	PASS
26(814-824)	5MHz	64QAM	26740	25RB#0	6.43	13	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	4.67	13	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	5.73	13	PASS
26(814-824)	5MHz	64QAM	26765	25RB#0	6.48	13	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	4.64	13	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	5.40	13	PASS
26(814-824)	10MHz	64QAM	26740	50RB#0	6.41	13	PASS

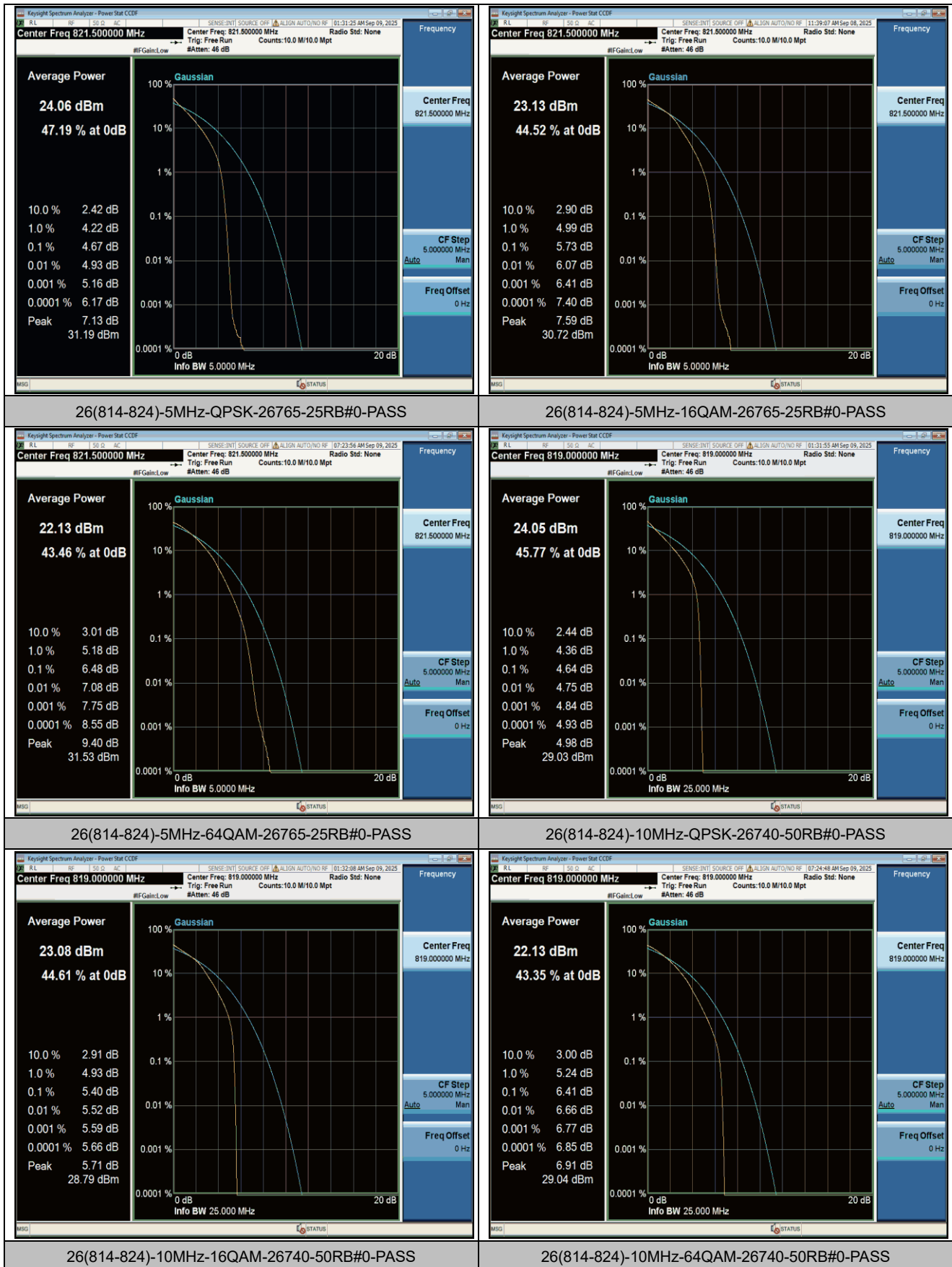
Test Graphs









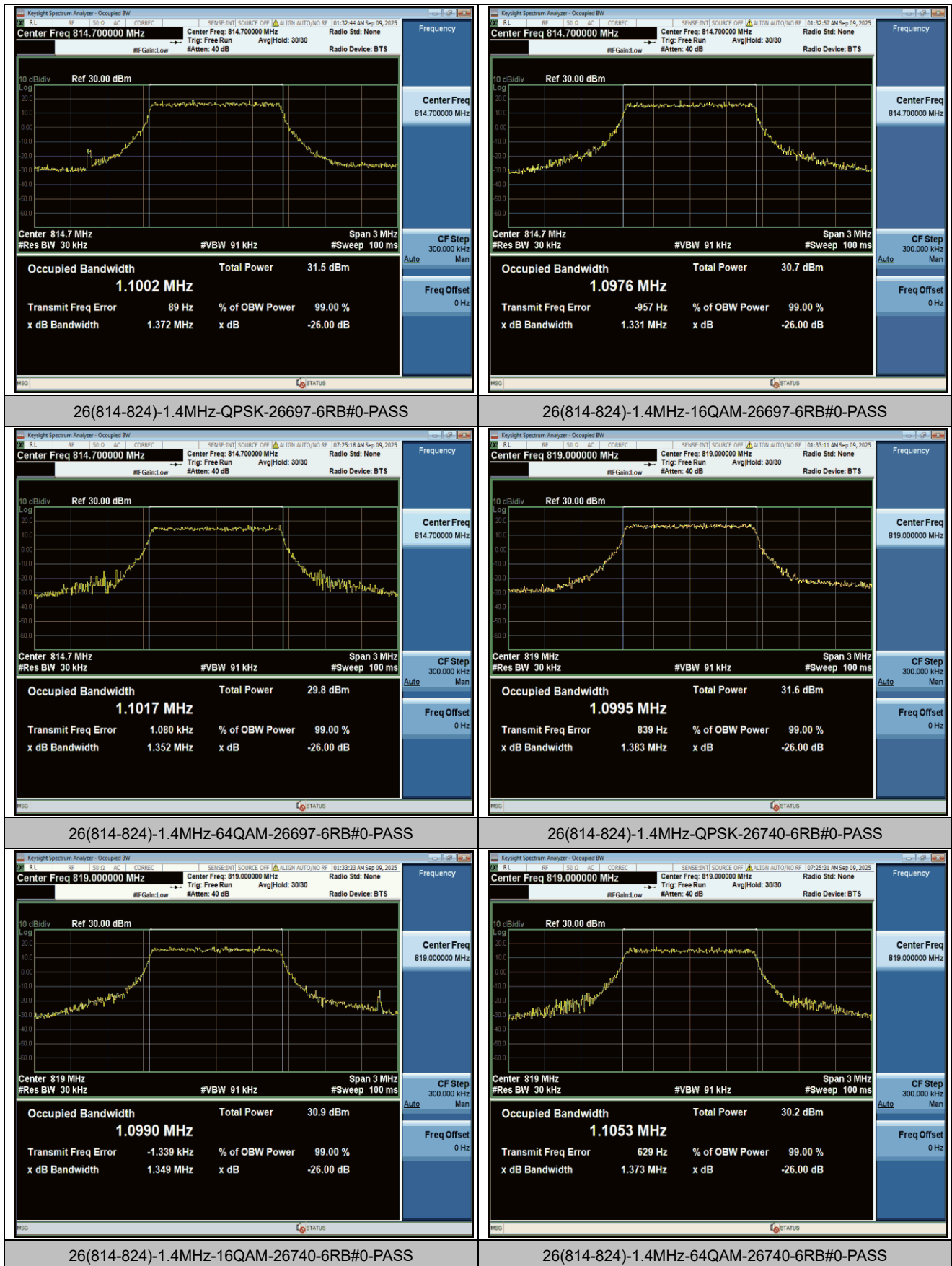


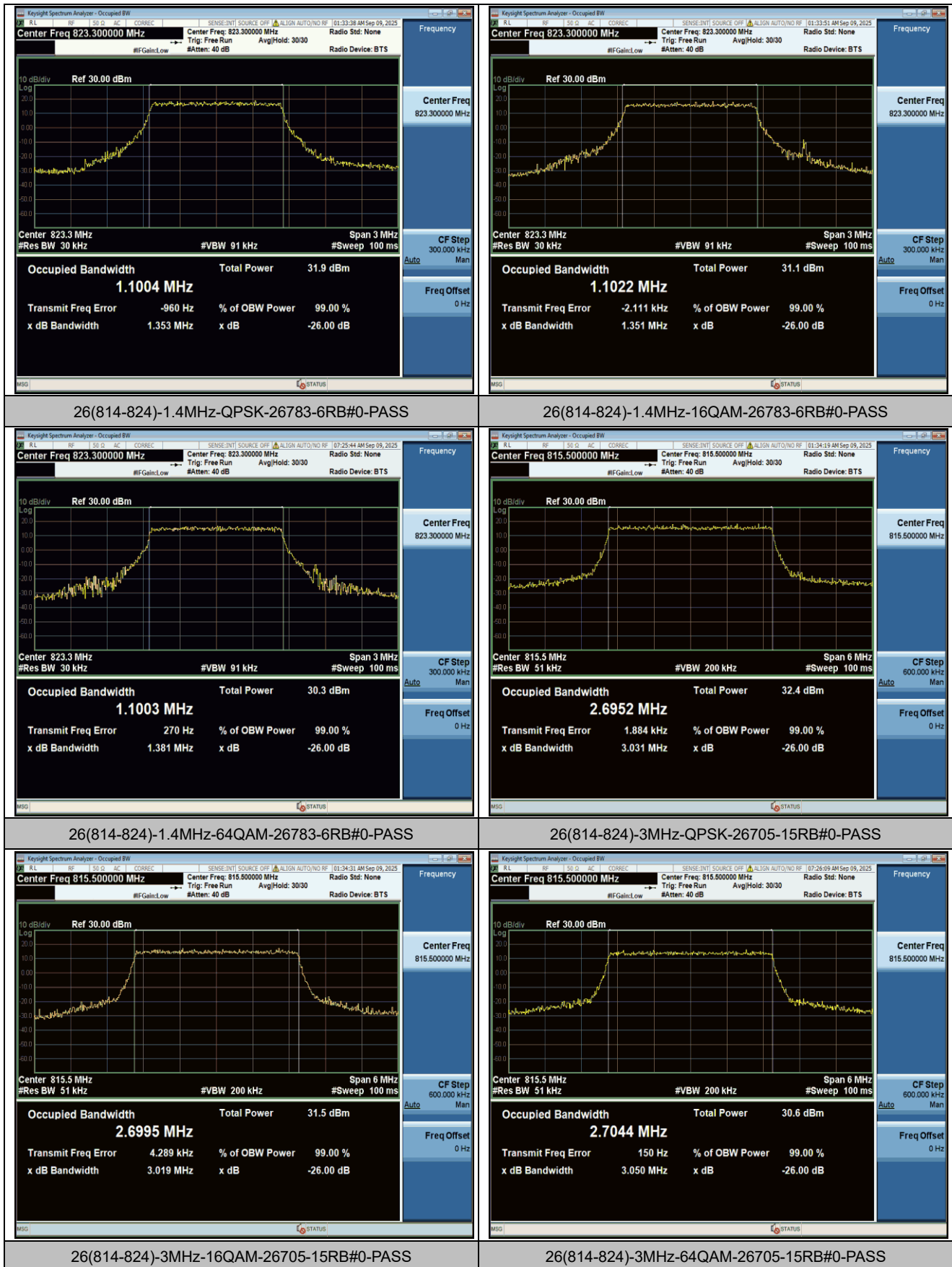
26dB Bandwidth and Occupied Bandwidth

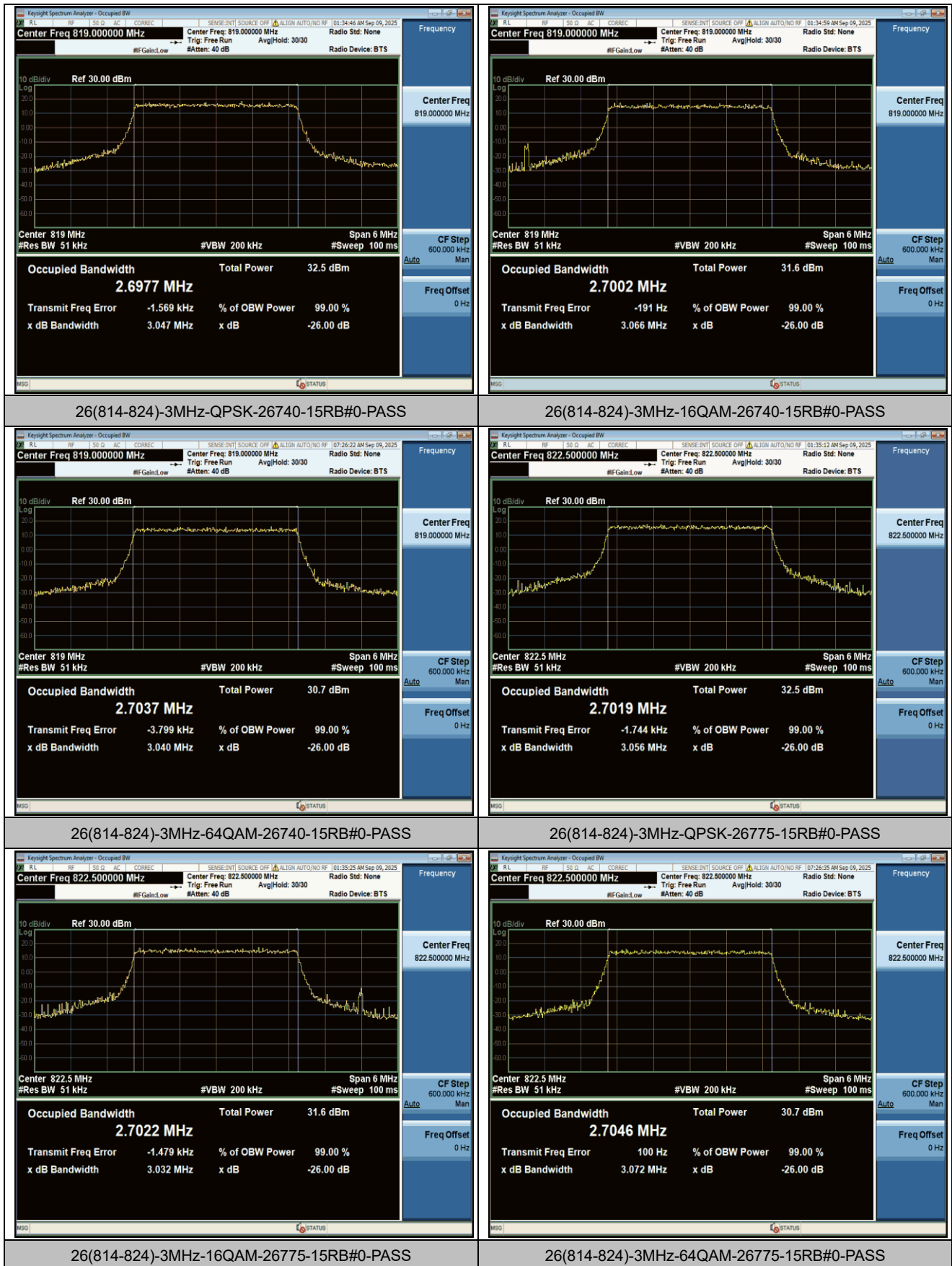
Test Result

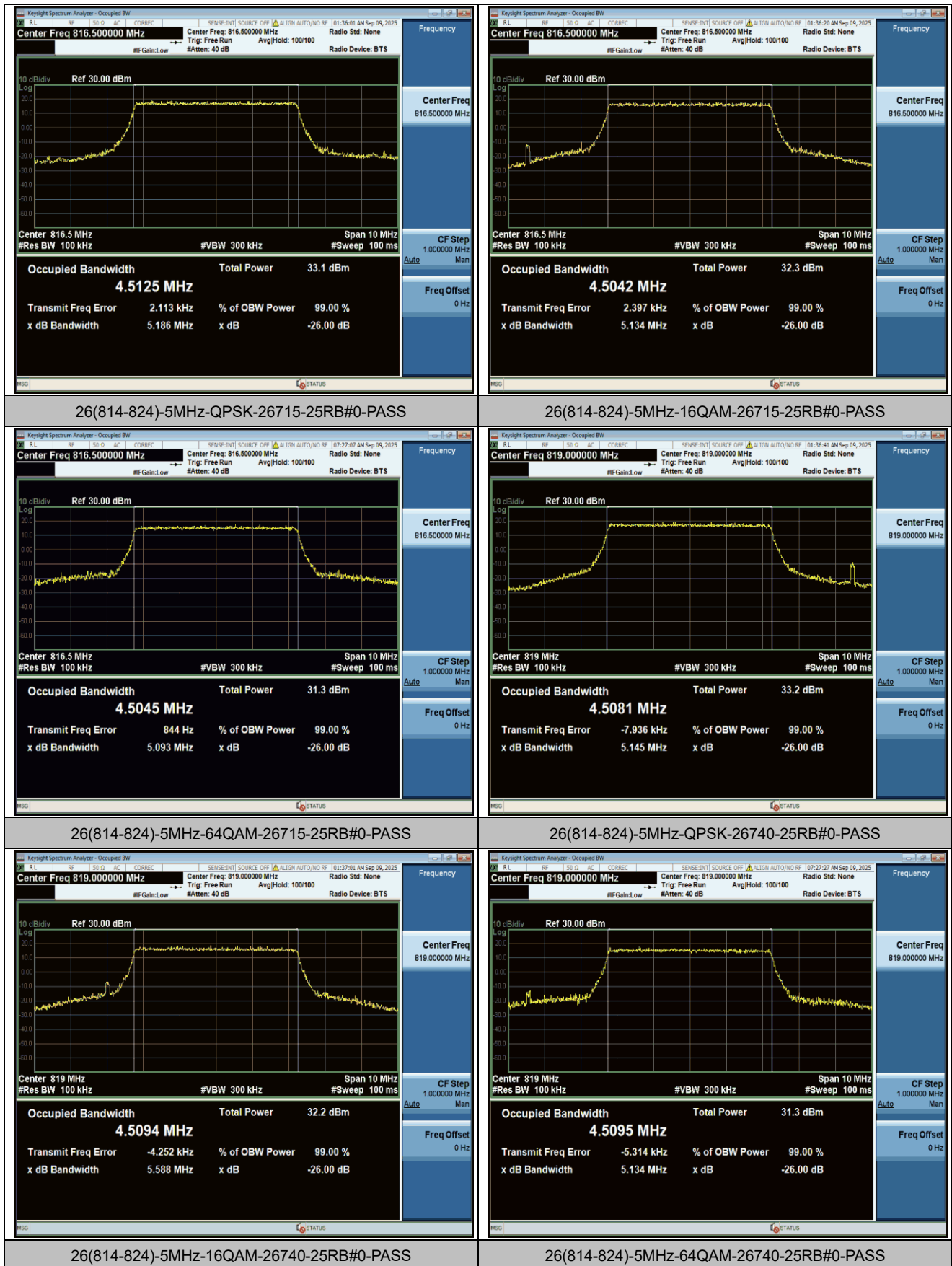
Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
26(814-824)	1.4MHz	QPSK	26697	6RB#0	1.1002	1.372	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	1.0976	1.331	PASS
26(814-824)	1.4MHz	64QAM	26697	6RB#0	1.1017	1.352	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	1.0995	1.383	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	1.0990	1.349	PASS
26(814-824)	1.4MHz	64QAM	26740	6RB#0	1.1053	1.373	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	1.1004	1.353	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	1.1022	1.351	PASS
26(814-824)	1.4MHz	64QAM	26783	6RB#0	1.1003	1.381	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	2.6952	3.031	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	2.6995	3.019	PASS
26(814-824)	3MHz	64QAM	26705	15RB#0	2.7044	3.050	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	2.6977	3.047	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	2.7002	3.066	PASS
26(814-824)	3MHz	64QAM	26740	15RB#0	2.7037	3.040	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	2.7019	3.056	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	2.7022	3.032	PASS
26(814-824)	3MHz	64QAM	26775	15RB#0	2.7046	3.072	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	4.5125	5.186	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	4.5042	5.134	PASS
26(814-824)	5MHz	64QAM	26715	25RB#0	4.5045	5.093	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	4.5081	5.145	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	4.5094	5.588	PASS
26(814-824)	5MHz	64QAM	26740	25RB#0	4.5095	5.134	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	4.5156	5.202	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	4.5058	5.149	PASS
26(814-824)	5MHz	64QAM	26765	25RB#0	4.5060	5.139	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	9.0077	10.04	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	9.0158	9.950	PASS
26(814-824)	10MHz	64QAM	26740	50RB#0	8.9891	9.996	PASS

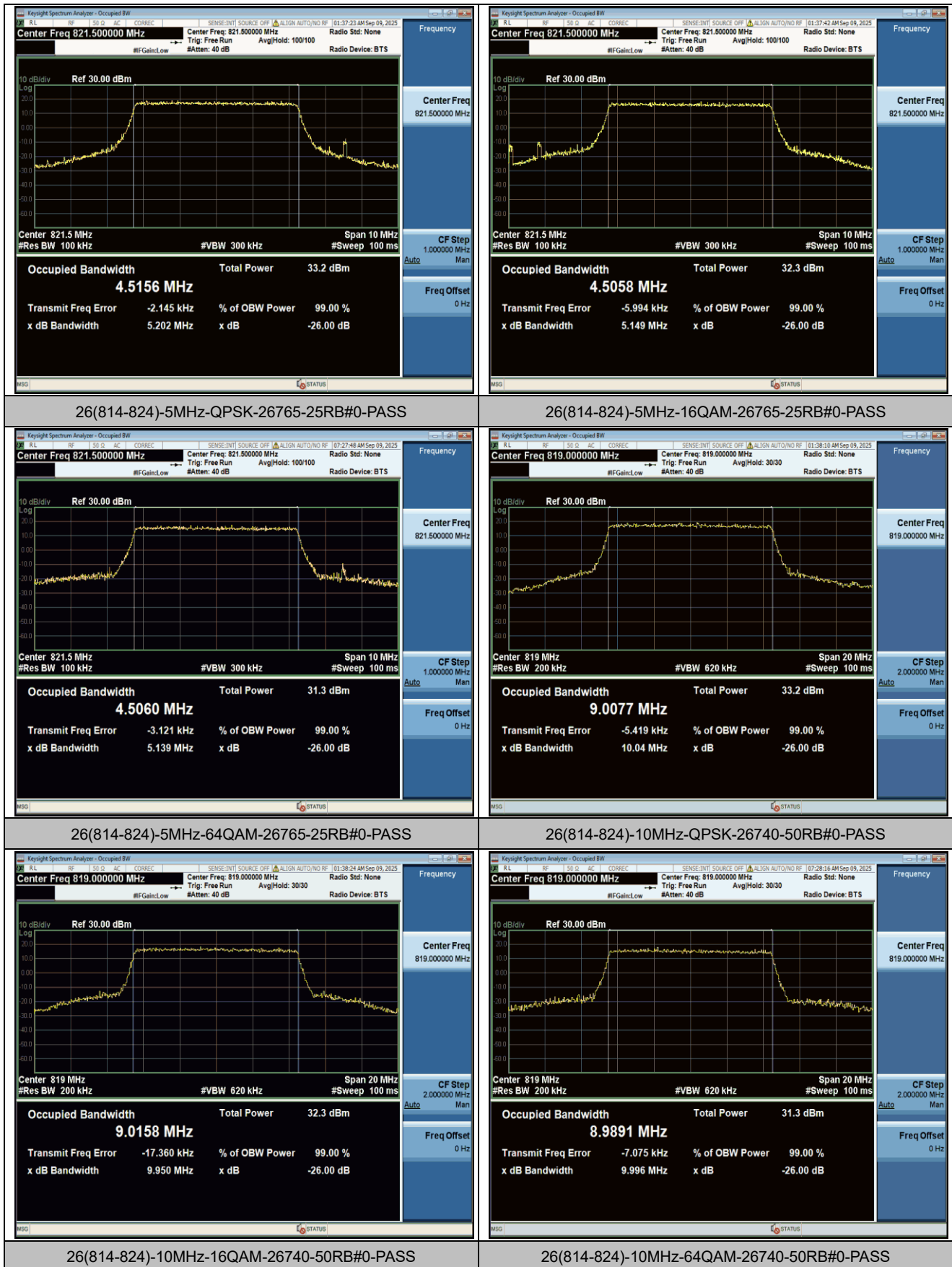
Test Graphs





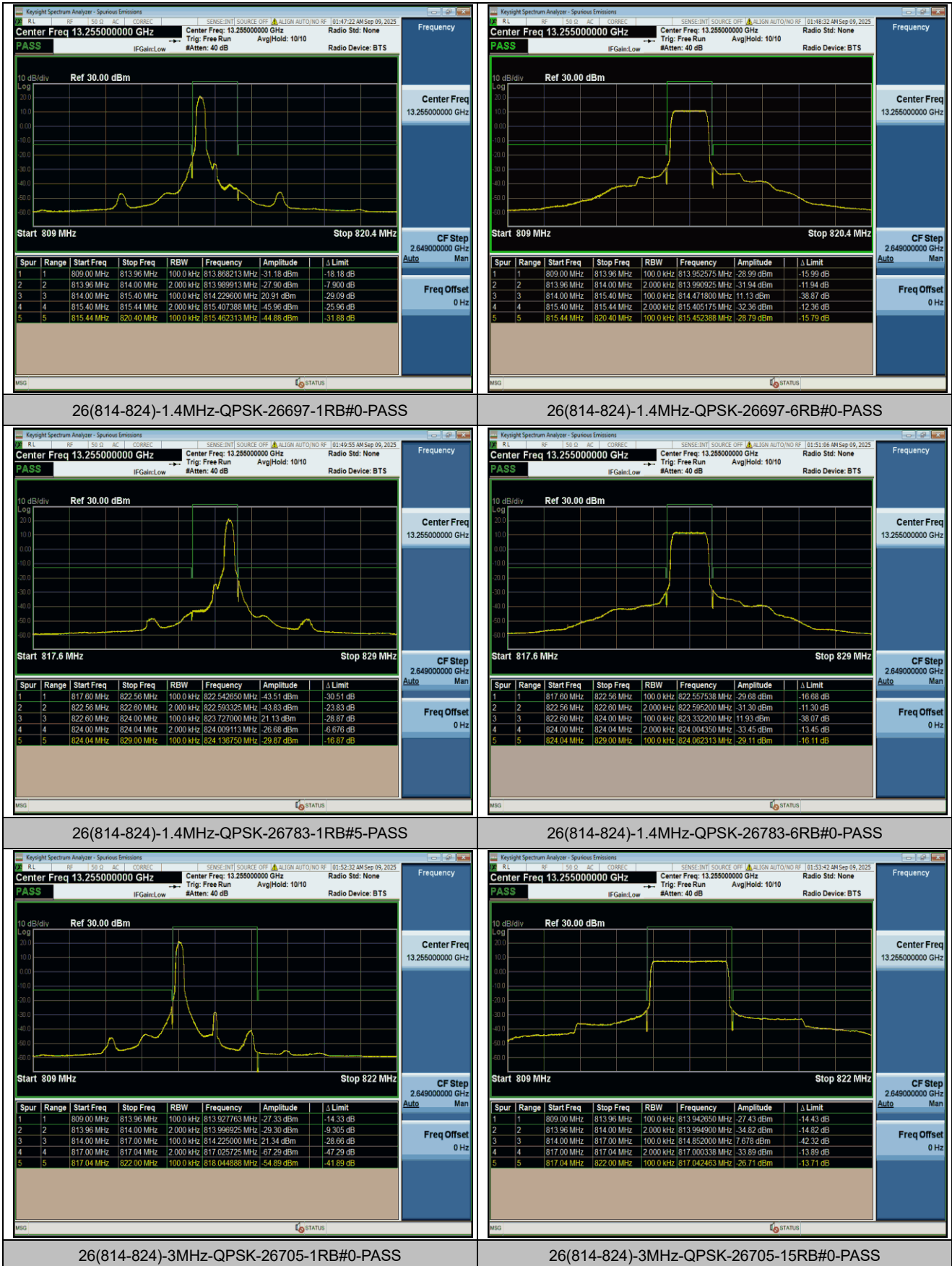


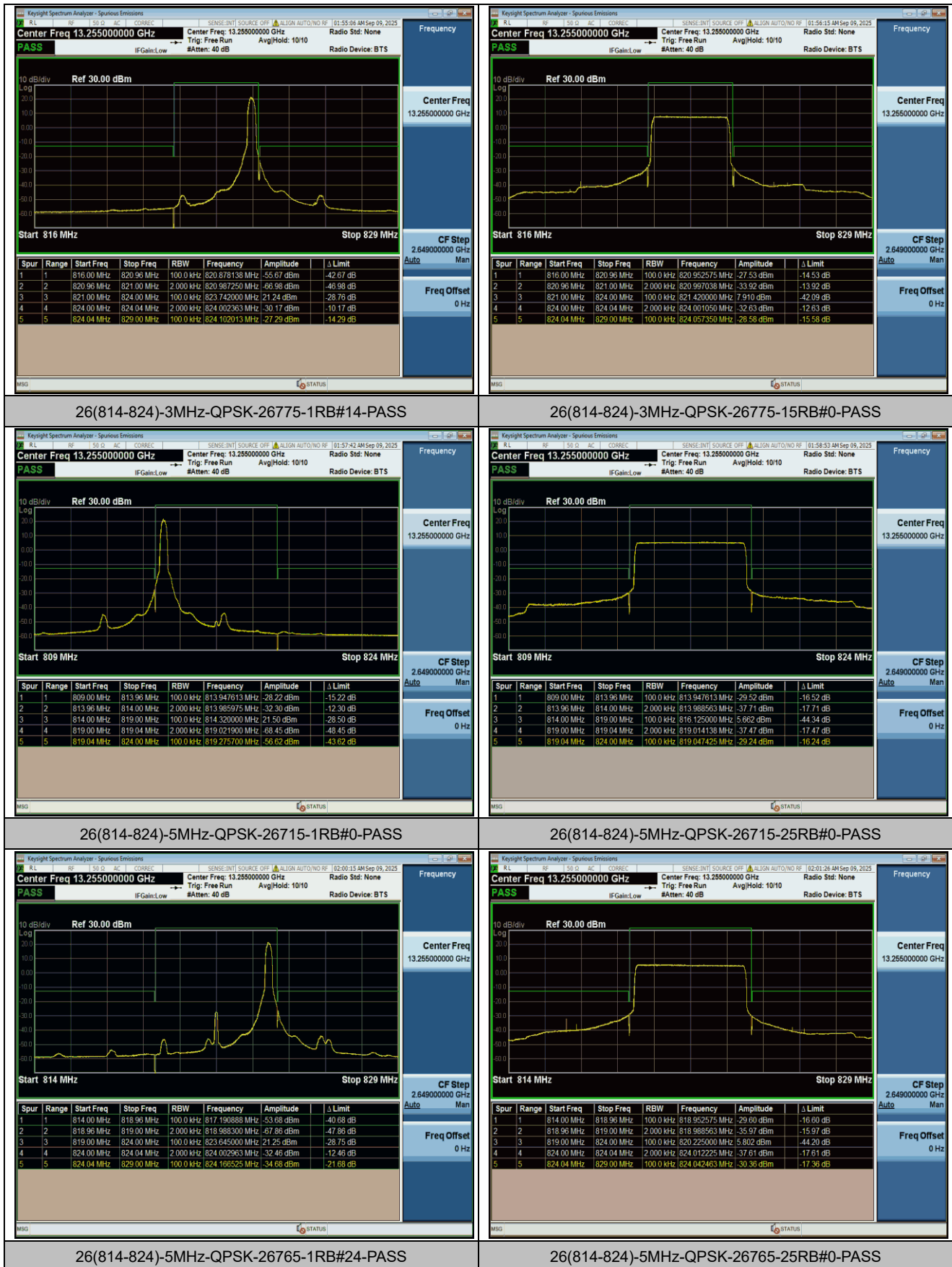


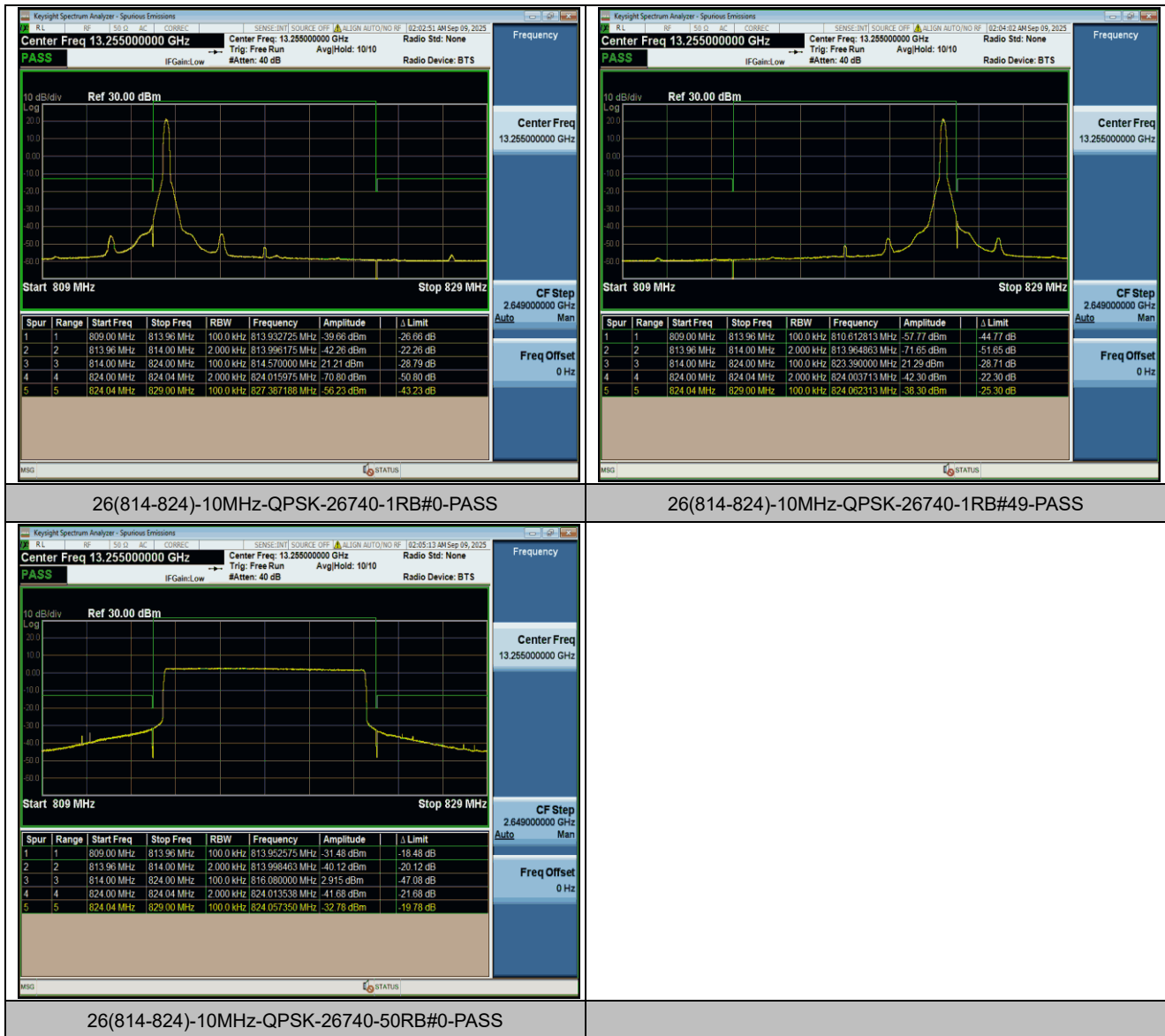


Band Edge

Test Graphs

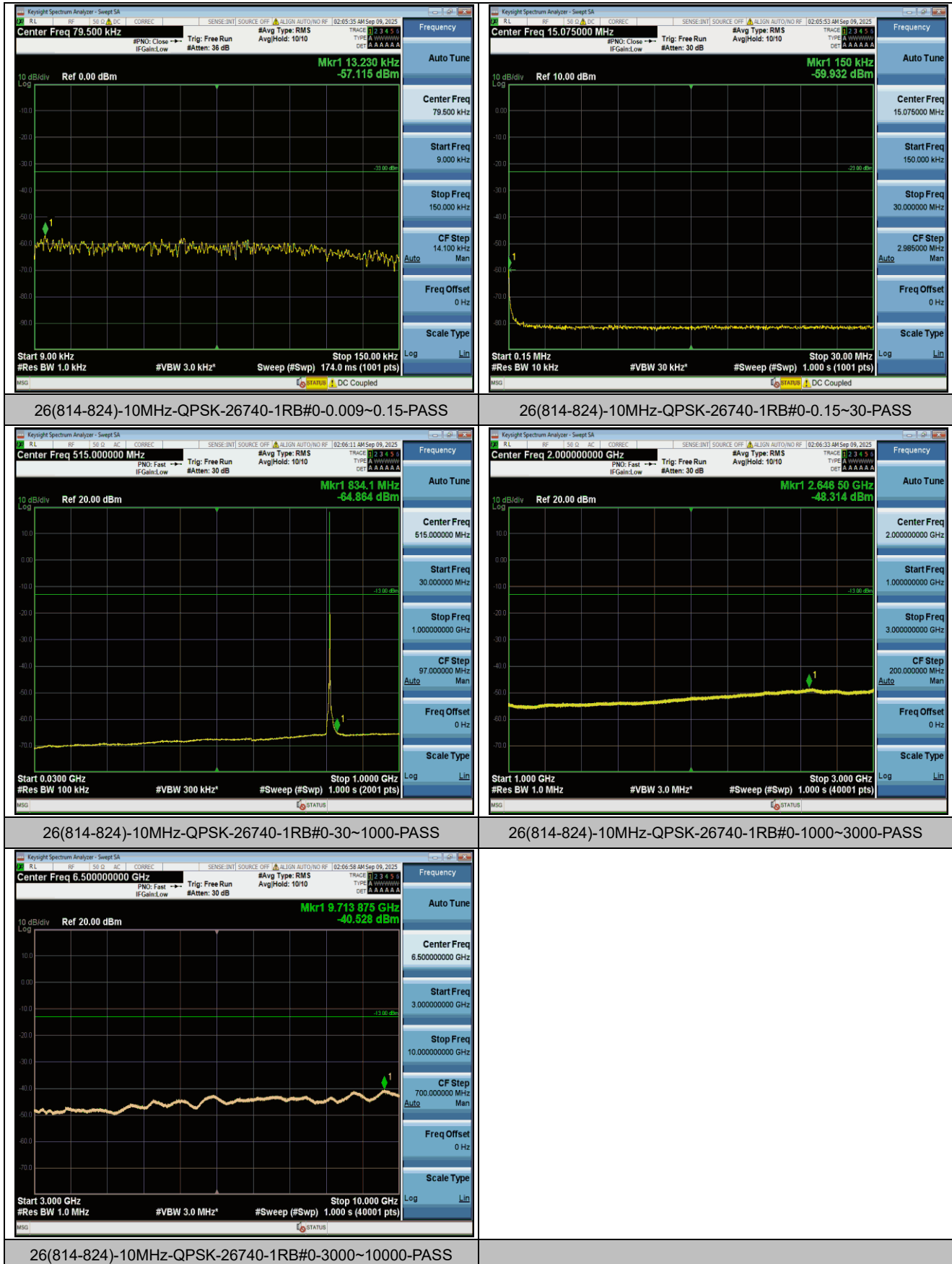






Conducted Spurious Emission

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	-0.10	-0.000122	PASS
26(814-824)	10MHz	QPSK	26740	100RB#0	VL	NT	-0.80	-0.000977	PASS
26(814-824)	10MHz	QPSK	26740	100RB#0	VH	NT	0.00	0.000000	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	-0.40	-0.000488	PASS
26(814-824)	10MHz	QPSK	26740	100RB#0	NV	-20	0.40	0.000488	PASS
26(814-824)	10MHz	QPSK	26740	100RB#0	NV	-10	-0.30	-0.000366	PASS
26(814-824)	10MHz	QPSK	26740	100RB#0	NV	0	-0.50	-0.000611	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	0.50	0.000611	PASS
26(814-824)	10MHz	QPSK	26740	100RB#0	NV	30	-1.10	-0.001343	PASS
26(814-824)	10MHz	QPSK	26740	100RB#0	NV	40	-1.50	-0.001832	PASS
26(814-824)	10MHz	QPSK	26740	100RB#0	NV	50	1.10	0.001343	PASS

~The End~