

Appendix-A 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	22.99	50.00	PASS
26(814-824)	1.4MHz	QPSK	26697	1RB#2	22.89	50.00	PASS
26(814-824)	1.4MHz	QPSK	26697	1RB#5	23.15	50.00	PASS
26(814-824)	1.4MHz	QPSK	26697	6RB#0	22.49	50.00	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#0	23.22	50.00	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#2	23.16	50.00	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#5	23.12	50.00	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	22.61	50.00	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#0	22.98	50.00	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#2	23.02	50.00	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#5	23.06	50.00	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	22.59	50.00	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#0	22.27	50.00	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#2	21.86	50.00	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#5	22.3	50.00	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	21.62	50.00	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#0	22.08	50.00	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#2	22.28	50.00	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#5	22.19	50.00	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	21.53	50.00	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#0	22.24	50.00	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#2	22.25	50.00	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#5	22.08	50.00	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	21.63	50.00	PASS
26(814-824)	1.4MHz	64QAM	26697	1RB#0	21.52	50.00	PASS
26(814-824)	1.4MHz	64QAM	26697	1RB#2	21.21	50.00	PASS
26(814-824)	1.4MHz	64QAM	26697	1RB#5	21.11	50.00	PASS
26(814-824)	1.4MHz	64QAM	26697	6RB#0	20.49	50.00	PASS
26(814-824)	1.4MHz	64QAM	26740	1RB#0	21.58	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	21.21	50.00	PASS
26(814-824)	1.4MHz	64QAM	26740	6RB#0	20.52	50.00	PASS
26(814-824)	1.4MHz	64QAM	26783	1RB#0	21.49	50.00	PASS
26(814-824)	1.4MHz	64QAM	26783	1RB#2	21.16	50.00	PASS
26(814-824)	1.4MHz	64QAM	26783	1RB#5	21.31	50.00	PASS
26(814-824)	1.4MHz	64QAM	26783	6RB#0	20.61	50.00	PASS

26(814-824)	3MHz	QPSK	26705	1RB#0	23.16	50.00	PASS
26(814-824)	3MHz	QPSK	26705	1RB#8	23.07	50.00	PASS
26(814-824)	3MHz	QPSK	26705	1RB#14	23.11	50.00	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	22.61	50.00	PASS
26(814-824)	3MHz	QPSK	26740	1RB#0	23.02	50.00	PASS
26(814-824)	3MHz	QPSK	26740	1RB#8	23.11	50.00	PASS
26(814-824)	3MHz	QPSK	26740	1RB#14	23.12	50.00	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	22.66	50.00	PASS
26(814-824)	3MHz	QPSK	26775	1RB#0	23.01	50.00	PASS
26(814-824)	3MHz	QPSK	26775	1RB#8	23.07	50.00	PASS
26(814-824)	3MHz	QPSK	26775	1RB#14	23.12	50.00	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	22.62	50.00	PASS
26(814-824)	3MHz	16QAM	26705	1RB#0	22.02	50.00	PASS
26(814-824)	3MHz	16QAM	26705	1RB#8	22.31	50.00	PASS
26(814-824)	3MHz	16QAM	26705	1RB#14	22.32	50.00	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	21.63	50.00	PASS
26(814-824)	3MHz	16QAM	26740	1RB#0	22.23	50.00	PASS
26(814-824)	3MHz	16QAM	26740	1RB#8	22.19	50.00	PASS
26(814-824)	3MHz	16QAM	26740	1RB#14	21.98	50.00	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	21.64	50.00	PASS
26(814-824)	3MHz	16QAM	26775	1RB#0	22.22	50.00	PASS
26(814-824)	3MHz	16QAM	26775	1RB#8	22.21	50.00	PASS
26(814-824)	3MHz	16QAM	26775	1RB#14	22.13	50.00	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	21.7	50.00	PASS
26(814-824)	3MHz	64QAM	26705	1RB#0	21.15	50.00	PASS
26(814-824)	3MHz	64QAM	26705	1RB#8	21.16	50.00	PASS
26(814-824)	3MHz	64QAM	26705	1RB#14	21.36	50.00	PASS
26(814-824)	3MHz	64QAM	26705	15RB#0	20.52	50.00	PASS
26(814-824)	3MHz	64QAM	26740	1RB#0	21.37	50.00	PASS
26(814-824)	3MHz	64QAM	26740	1RB#8	21.25	50.00	PASS
26(814-824)	3MHz	64QAM	26740	1RB#14	21.48	50.00	PASS
26(814-824)	3MHz	64QAM	26740	15RB#0	20.7	50.00	PASS
26(814-824)	3MHz	64QAM	26775	1RB#0	21.31	50.00	PASS
26(814-824)	3MHz	64QAM	26775	1RB#8	21.38	50.00	PASS
26(814-824)	3MHz	64QAM	26775	1RB#14	21.3	50.00	PASS
26(814-824)	3MHz	64QAM	26775	15RB#0	20.68	50.00	PASS
26(814-824)	5MHz	QPSK	26715	1RB#0	23.03	50.00	PASS
26(814-824)	5MHz	QPSK	26715	1RB#12	23.05	50.00	PASS
26(814-824)	5MHz	QPSK	26715	1RB#24	23.05	50.00	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	22.64	50.00	PASS
26(814-824)	5MHz	QPSK	26740	1RB#0	23.01	50.00	PASS
26(814-824)	5MHz	QPSK	26740	1RB#12	23.03	50.00	PASS
26(814-824)	5MHz	QPSK	26740	1RB#24	23.16	50.00	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	22.65	50.00	PASS

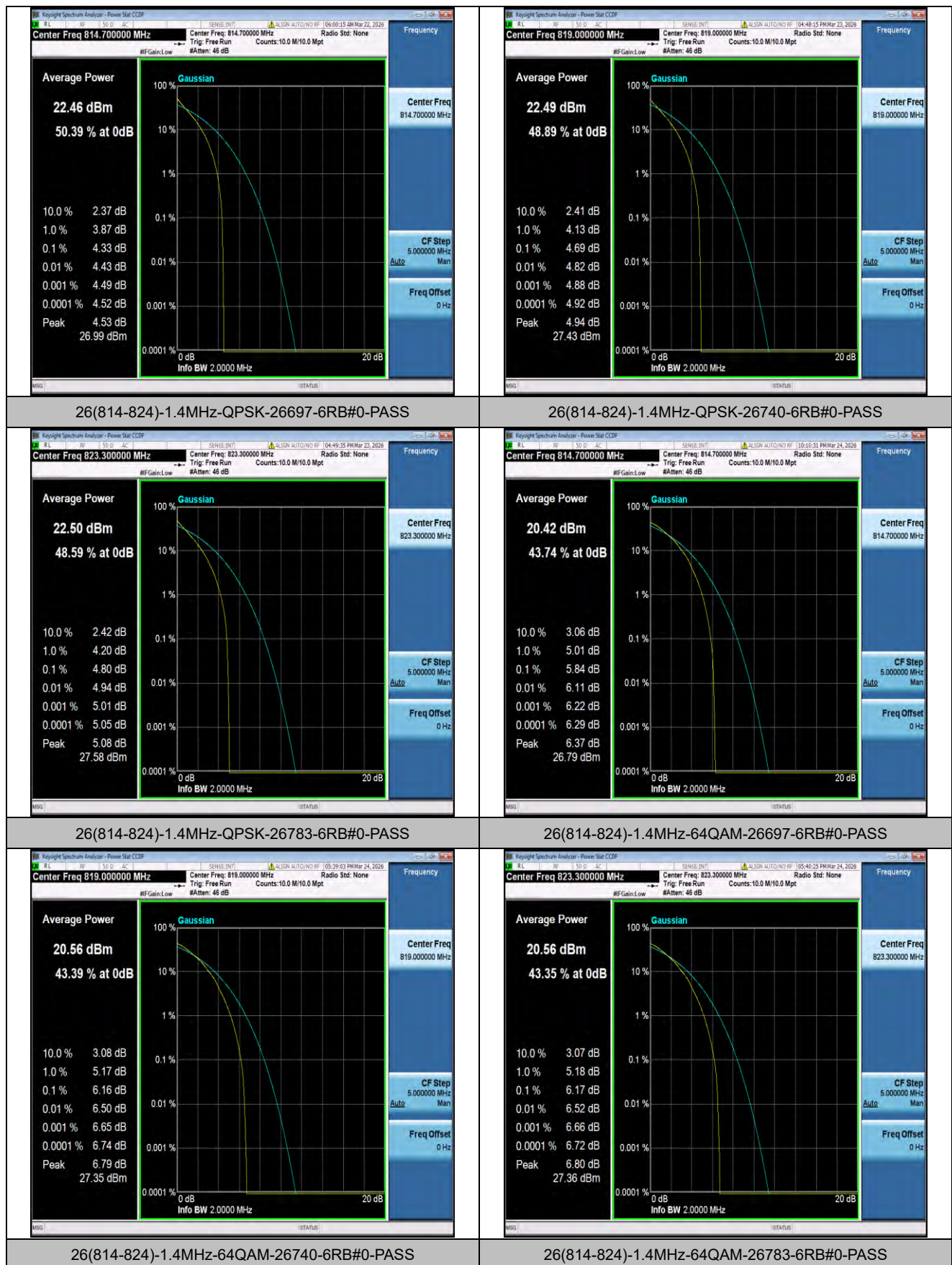
26(814-824)	5MHz	QPSK	26765	1RB#0	22.92	50.00	PASS
26(814-824)	5MHz	QPSK	26765	1RB#12	23.11	50.00	PASS
26(814-824)	5MHz	QPSK	26765	1RB#24	23.13	50.00	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	22.63	50.00	PASS
26(814-824)	5MHz	16QAM	26715	1RB#0	22.1	50.00	PASS
26(814-824)	5MHz	16QAM	26715	1RB#12	22.15	50.00	PASS
26(814-824)	5MHz	16QAM	26715	1RB#24	22.36	50.00	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	21.59	50.00	PASS
26(814-824)	5MHz	16QAM	26740	1RB#0	22.35	50.00	PASS
26(814-824)	5MHz	16QAM	26740	1RB#12	22.31	50.00	PASS
26(814-824)	5MHz	16QAM	26740	1RB#24	22.32	50.00	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	21.65	50.00	PASS
26(814-824)	5MHz	16QAM	26765	1RB#0	22.25	50.00	PASS
26(814-824)	5MHz	16QAM	26765	1RB#12	22.29	50.00	PASS
26(814-824)	5MHz	16QAM	26765	1RB#24	22.22	50.00	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	21.63	50.00	PASS
26(814-824)	5MHz	64QAM	26715	1RB#0	21.25	50.00	PASS
26(814-824)	5MHz	64QAM	26715	1RB#12	21.37	50.00	PASS
26(814-824)	5MHz	64QAM	26715	1RB#24	21.22	50.00	PASS
26(814-824)	5MHz	64QAM	26715	25RB#0	20.67	50.00	PASS
26(814-824)	5MHz	64QAM	26740	1RB#0	21.22	50.00	PASS
26(814-824)	5MHz	64QAM	26740	1RB#12	21.25	50.00	PASS
26(814-824)	5MHz	64QAM	26740	1RB#24	21.3	50.00	PASS
26(814-824)	5MHz	64QAM	26740	25RB#0	20.7	50.00	PASS
26(814-824)	5MHz	64QAM	26765	1RB#0	21.13	50.00	PASS
26(814-824)	5MHz	64QAM	26765	1RB#12	21.42	50.00	PASS
26(814-824)	5MHz	64QAM	26765	1RB#24	21.27	50.00	PASS
26(814-824)	5MHz	64QAM	26765	25RB#0	20.64	50.00	PASS
26(814-824)	10MHz	QPSK	26740	1RB#0	23.11	50.00	PASS
26(814-824)	10MHz	QPSK	26740	1RB#24	23.11	50.00	PASS
26(814-824)	10MHz	QPSK	26740	1RB#49	23.2	50.00	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	22.68	50.00	PASS
26(814-824)	10MHz	16QAM	26740	1RB#0	22.28	50.00	PASS
26(814-824)	10MHz	16QAM	26740	1RB#24	22.38	50.00	PASS
26(814-824)	10MHz	16QAM	26740	1RB#49	22.21	50.00	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	21.65	50.00	PASS
26(814-824)	10MHz	64QAM	26740	1RB#0	21.31	50.00	PASS
26(814-824)	10MHz	64QAM	26740	1RB#24	21.31	50.00	PASS
26(814-824)	10MHz	64QAM	26740	1RB#49	21.19	50.00	PASS
26(814-824)	10MHz	64QAM	26740	50RB#0	20.65	50.00	PASS

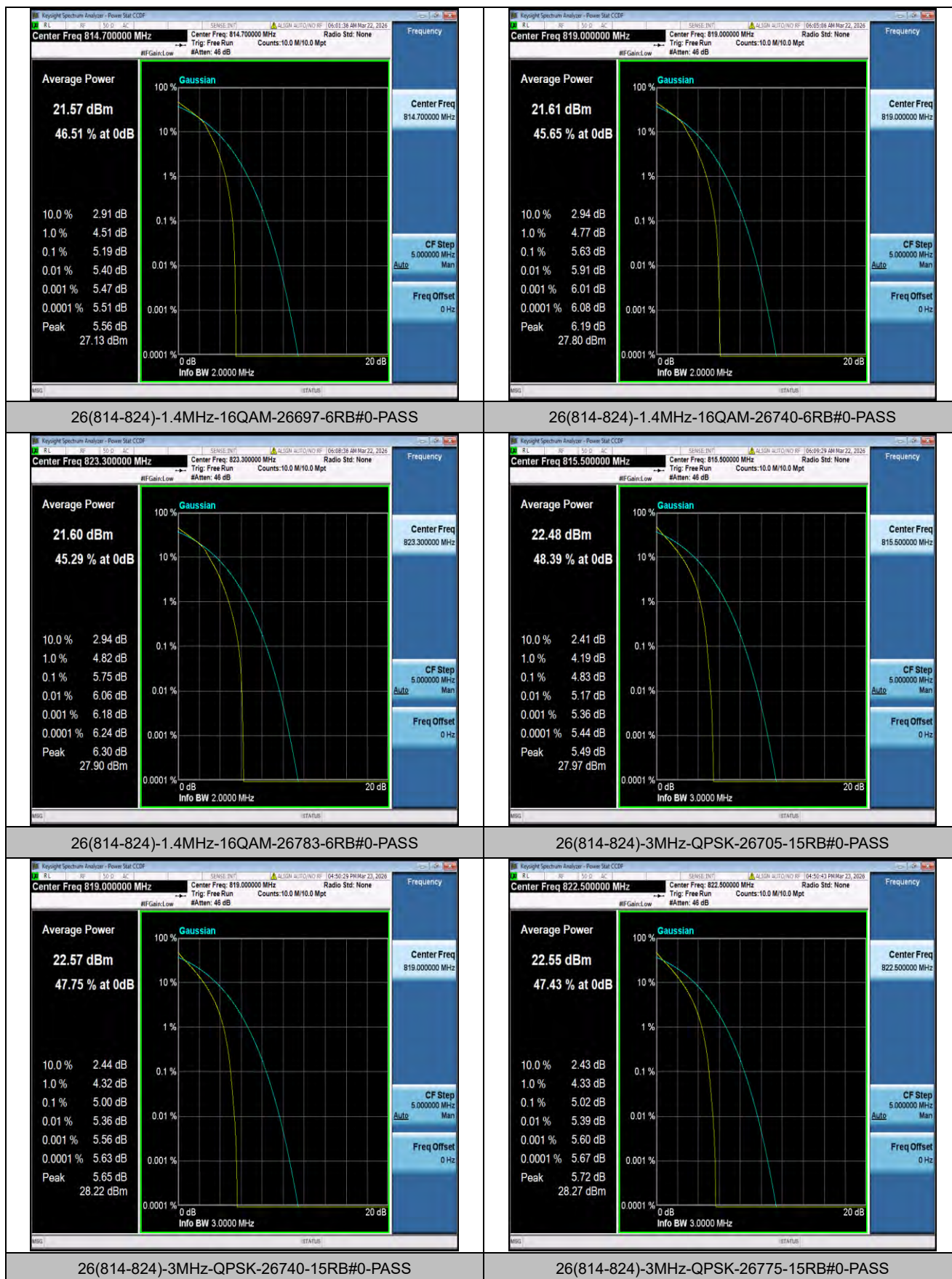
Peak-to-Average Ratio(CCDF)

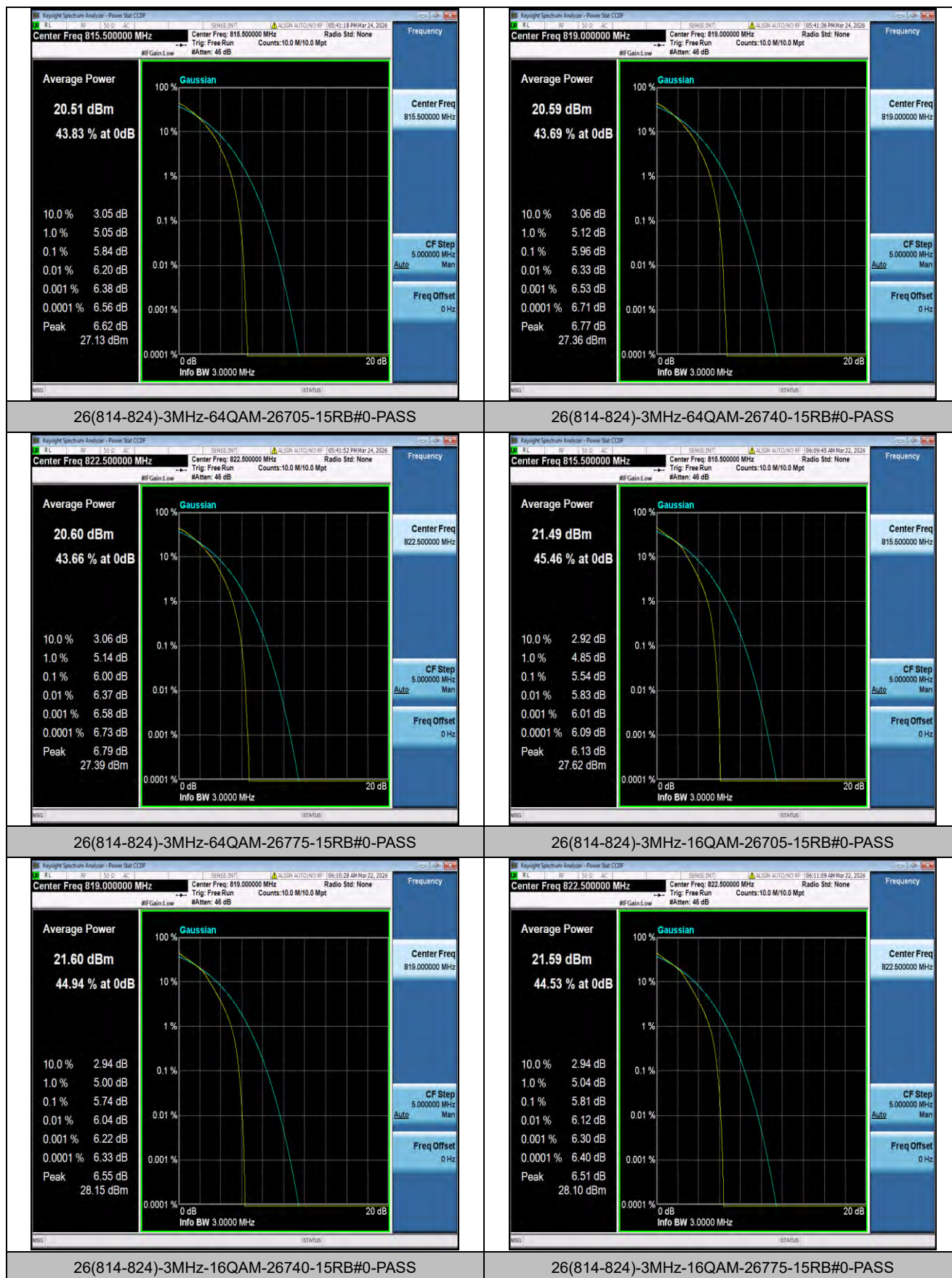
Test Result

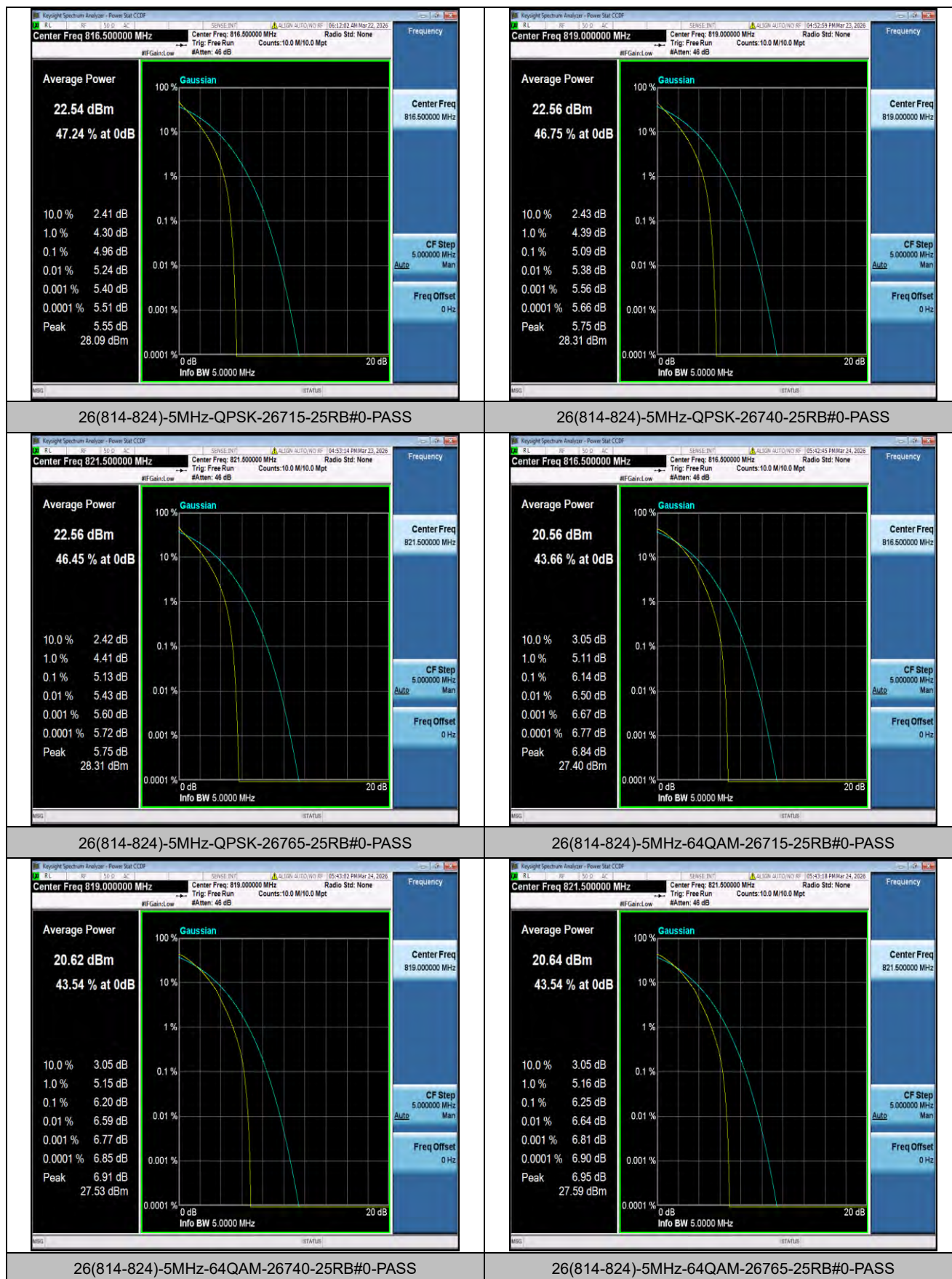
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
26(814-824)	1.4MHz	QPSK	26697	6RB#0	4.33	13	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	4.69	13	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	4.80	13	PASS
26(814-824)	1.4MHz	64QAM	26697	6RB#0	5.84	13	PASS
26(814-824)	1.4MHz	64QAM	26740	6RB#0	6.16	13	PASS
26(814-824)	1.4MHz	64QAM	26783	6RB#0	6.17	13	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	5.19	13	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	5.63	13	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	5.75	13	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	4.83	13	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	5.00	13	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	5.02	13	PASS
26(814-824)	3MHz	64QAM	26705	15RB#0	5.84	13	PASS
26(814-824)	3MHz	64QAM	26740	15RB#0	5.96	13	PASS
26(814-824)	3MHz	64QAM	26775	15RB#0	6.00	13	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	5.54	13	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	5.74	13	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	5.81	13	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	4.96	13	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	5.09	13	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	5.13	13	PASS
26(814-824)	5MHz	64QAM	26715	25RB#0	6.14	13	PASS
26(814-824)	5MHz	64QAM	26740	25RB#0	6.20	13	PASS
26(814-824)	5MHz	64QAM	26765	25RB#0	6.25	13	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	5.61	13	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	5.73	13	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	5.80	13	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	5.12	13	PASS
26(814-824)	10MHz	64QAM	26740	50RB#0	6.29	13	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	5.84	13	PASS

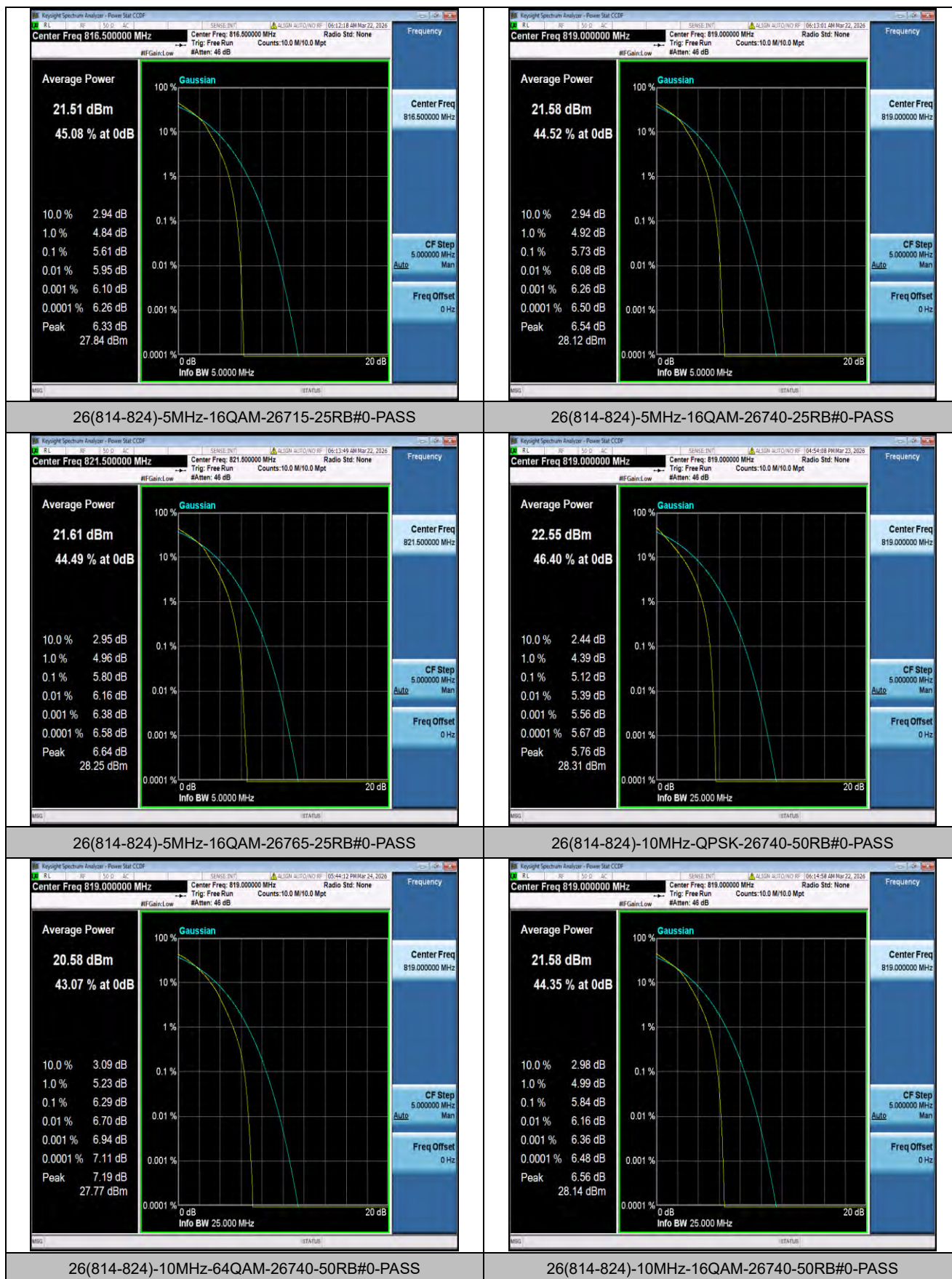
Test Graphs









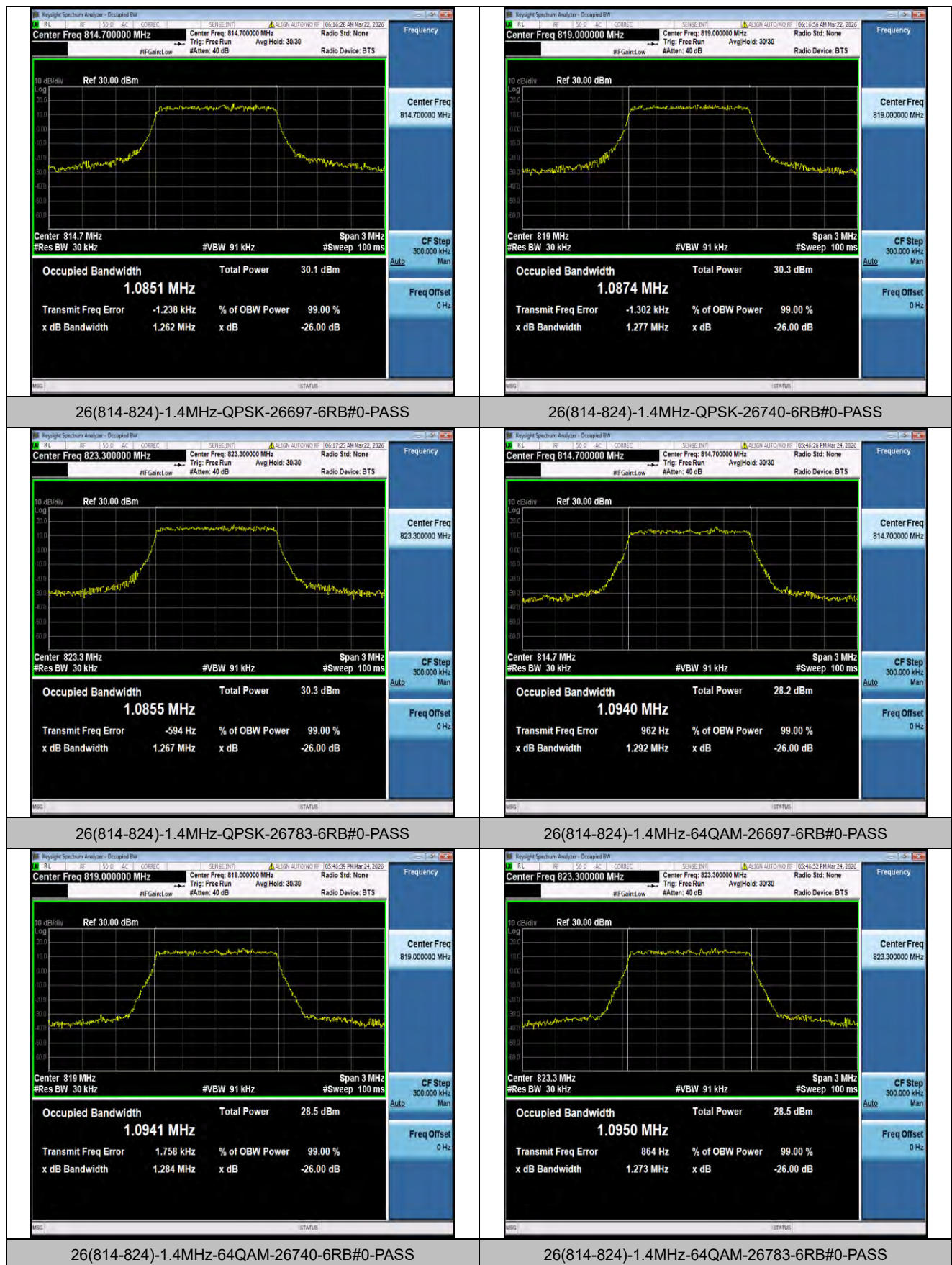


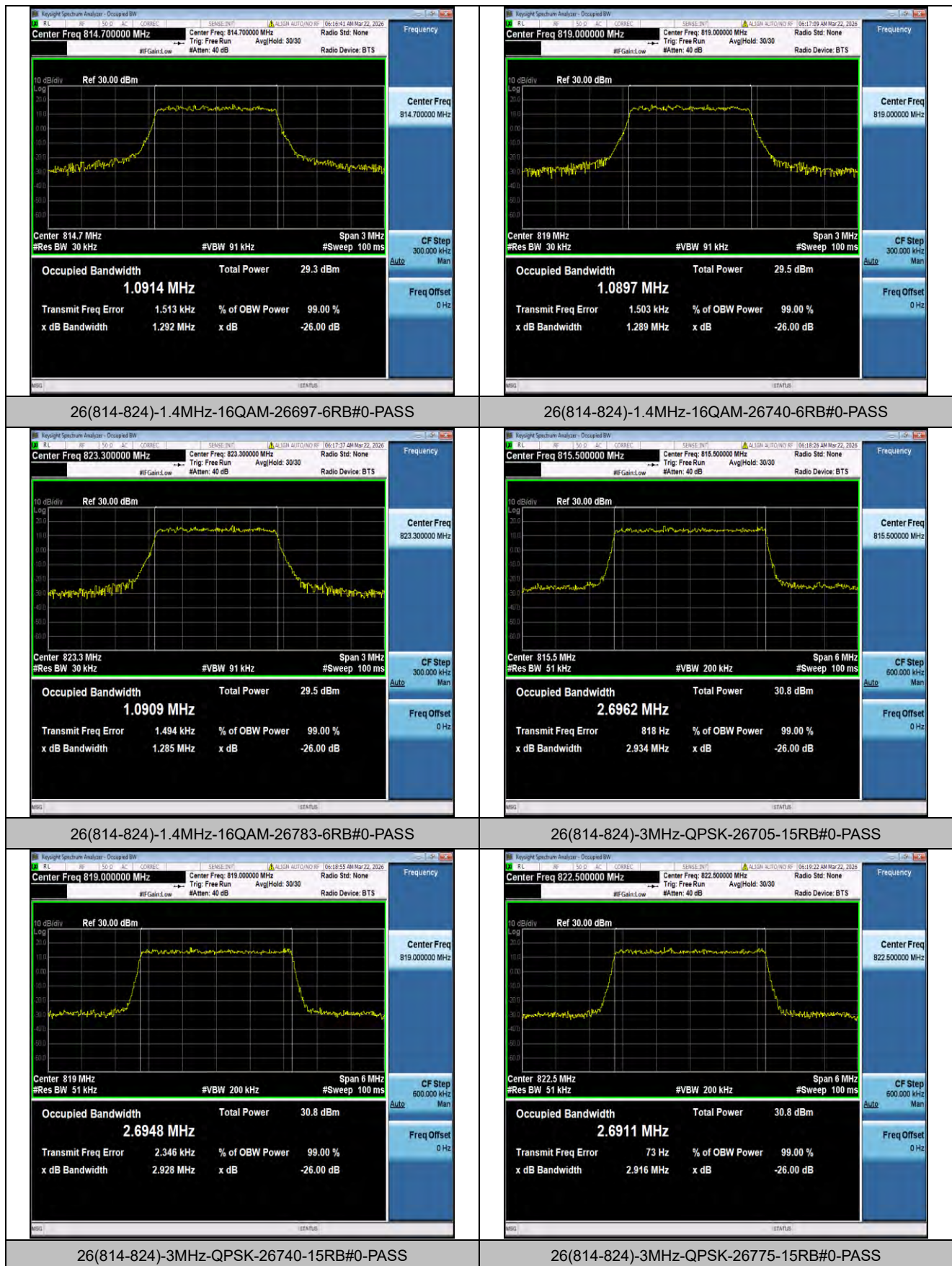
26dB Bandwidth and Occupied Bandwidth

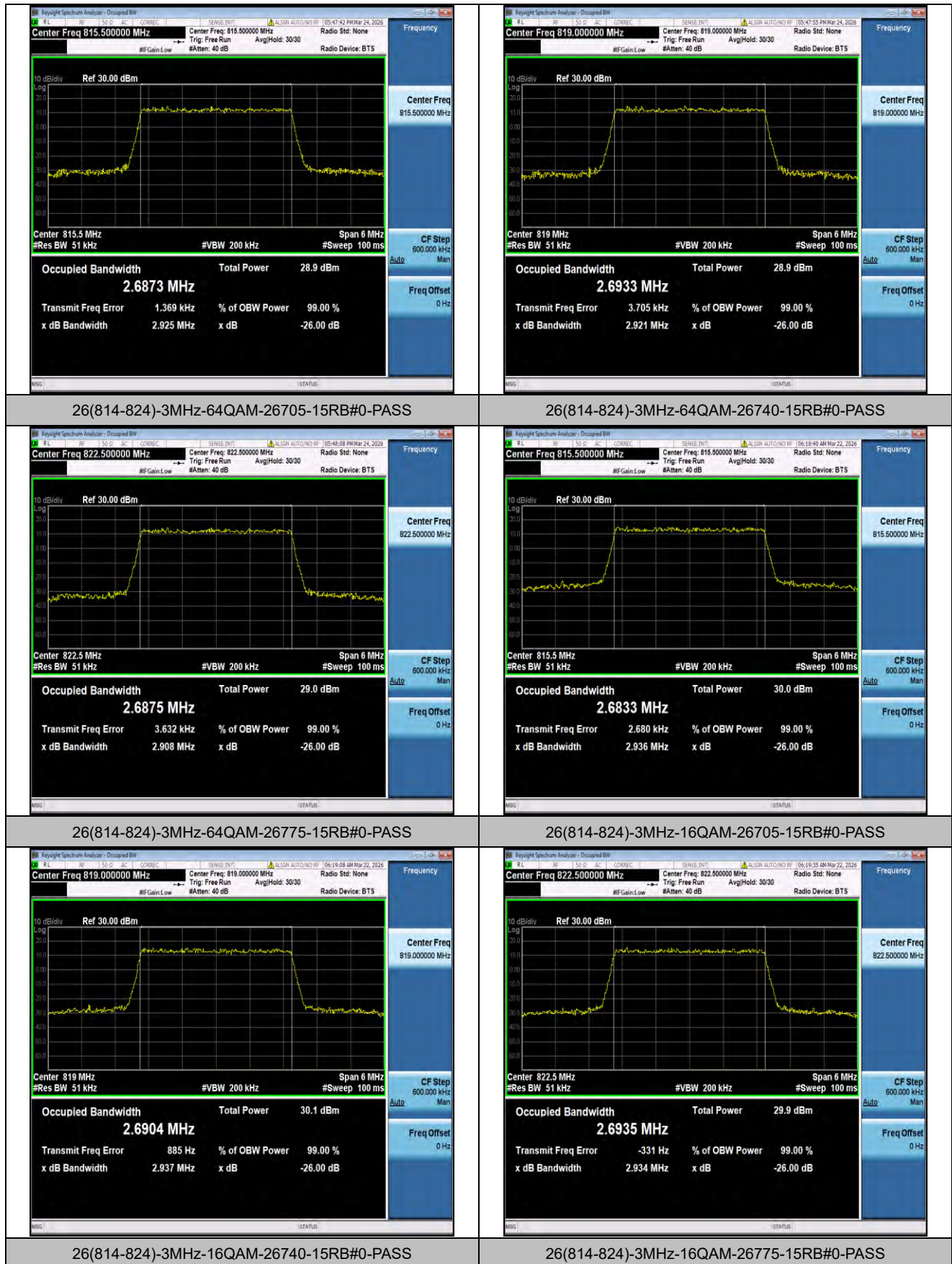
Test Result

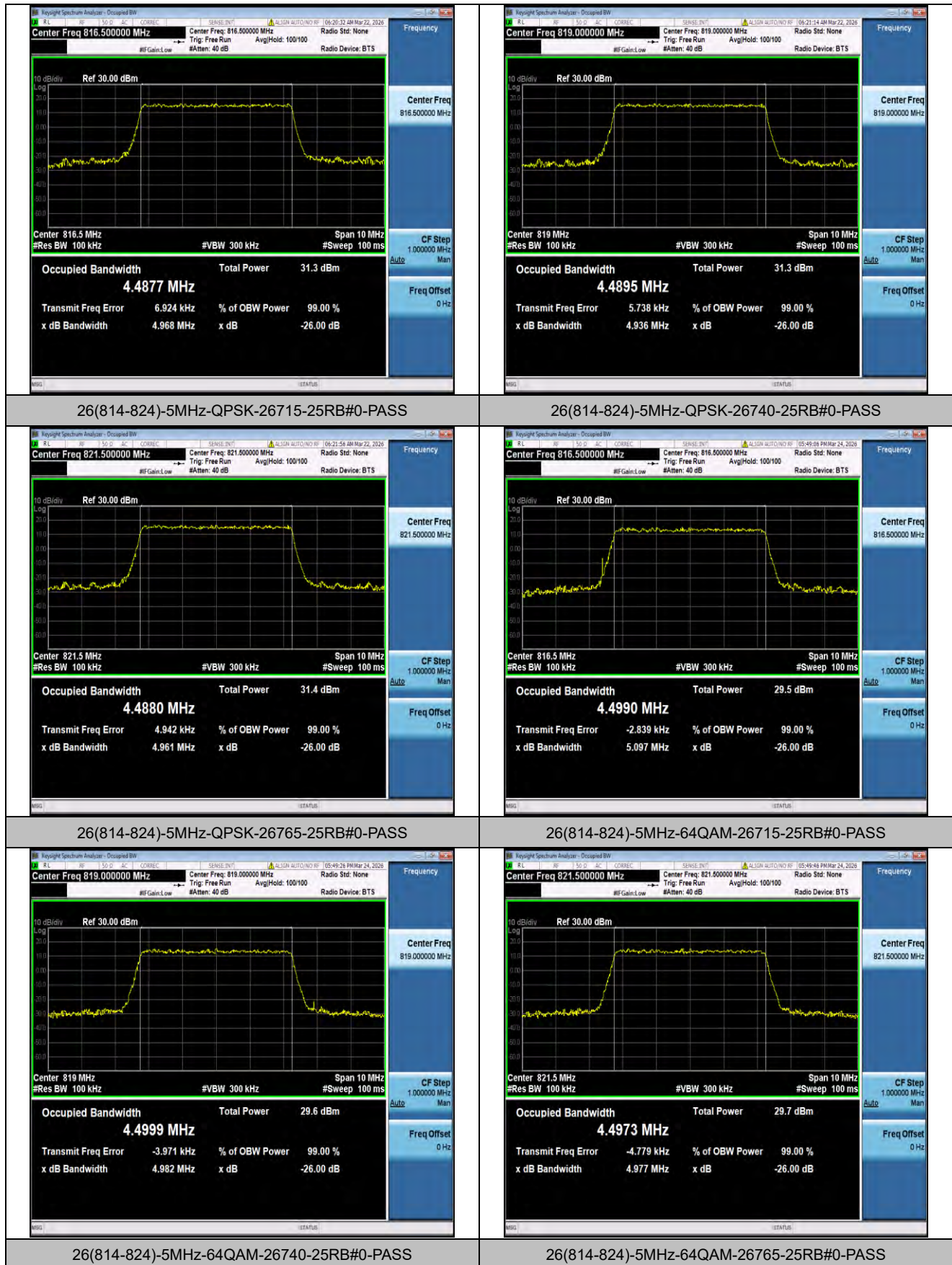
Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
26(814-824)	1.4MHz	QPSK	26697	6RB#0	1.0851	1.262	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	1.0874	1.277	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	1.0855	1.267	PASS
26(814-824)	1.4MHz	64QAM	26697	6RB#0	1.0940	1.292	PASS
26(814-824)	1.4MHz	64QAM	26740	6RB#0	1.0941	1.284	PASS
26(814-824)	1.4MHz	64QAM	26783	6RB#0	1.0950	1.273	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	1.0914	1.292	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	1.0897	1.289	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	1.0909	1.285	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	2.6962	2.934	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	2.6948	2.928	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	2.6911	2.916	PASS
26(814-824)	3MHz	64QAM	26705	15RB#0	2.6873	2.925	PASS
26(814-824)	3MHz	64QAM	26740	15RB#0	2.6933	2.921	PASS
26(814-824)	3MHz	64QAM	26775	15RB#0	2.6875	2.908	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	2.6833	2.936	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	2.6904	2.937	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	2.6935	2.934	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	4.4877	4.968	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	4.4895	4.936	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	4.4880	4.961	PASS
26(814-824)	5MHz	64QAM	26715	25RB#0	4.4990	5.097	PASS
26(814-824)	5MHz	64QAM	26740	25RB#0	4.4999	4.982	PASS
26(814-824)	5MHz	64QAM	26765	25RB#0	4.4973	4.977	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	4.4900	5.057	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	4.4909	4.977	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	4.4872	4.968	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	8.9909	9.809	PASS
26(814-824)	10MHz	64QAM	26740	50RB#0	8.9829	9.849	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	8.9670	9.739	PASS

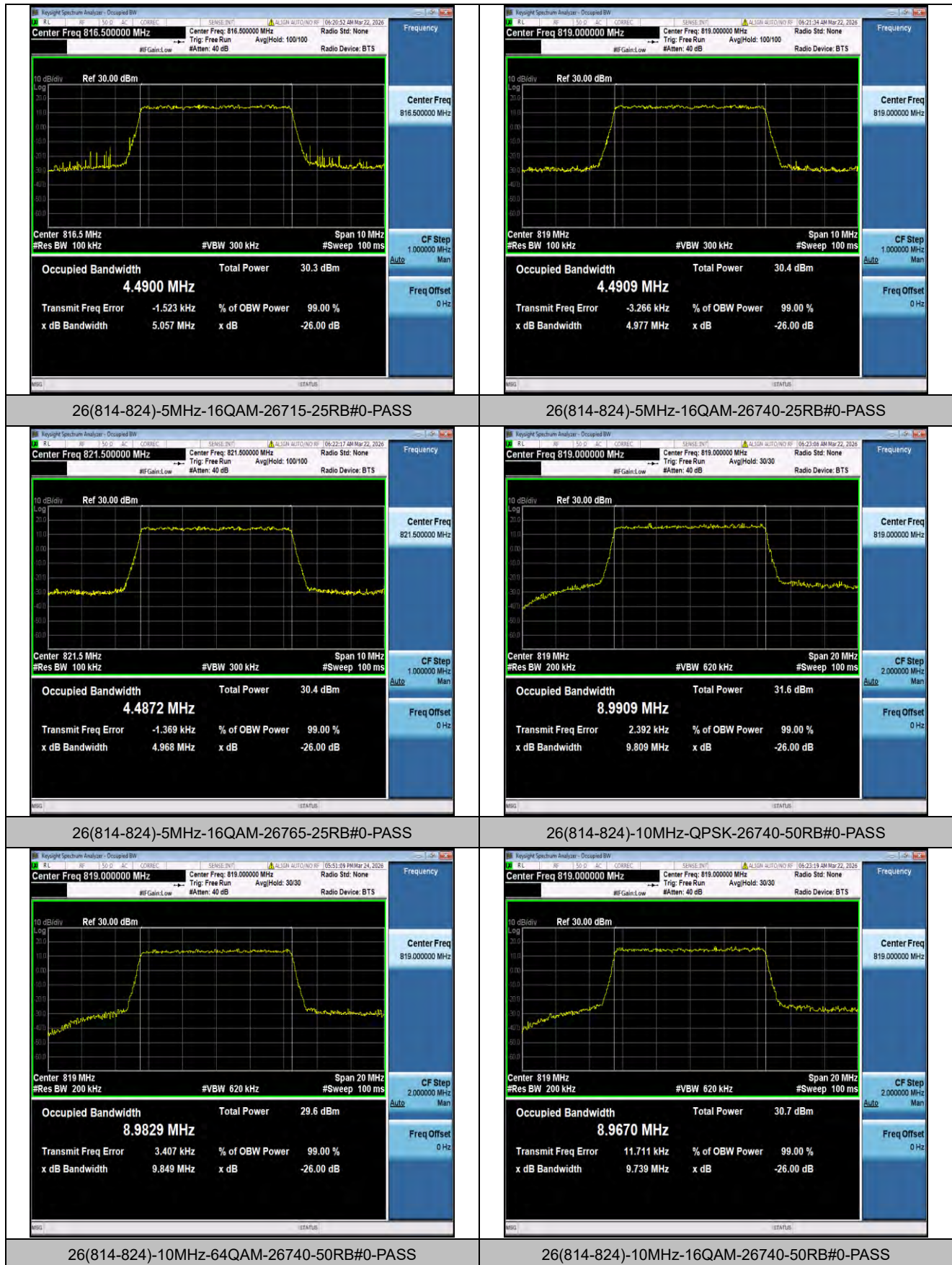
Test Graphs





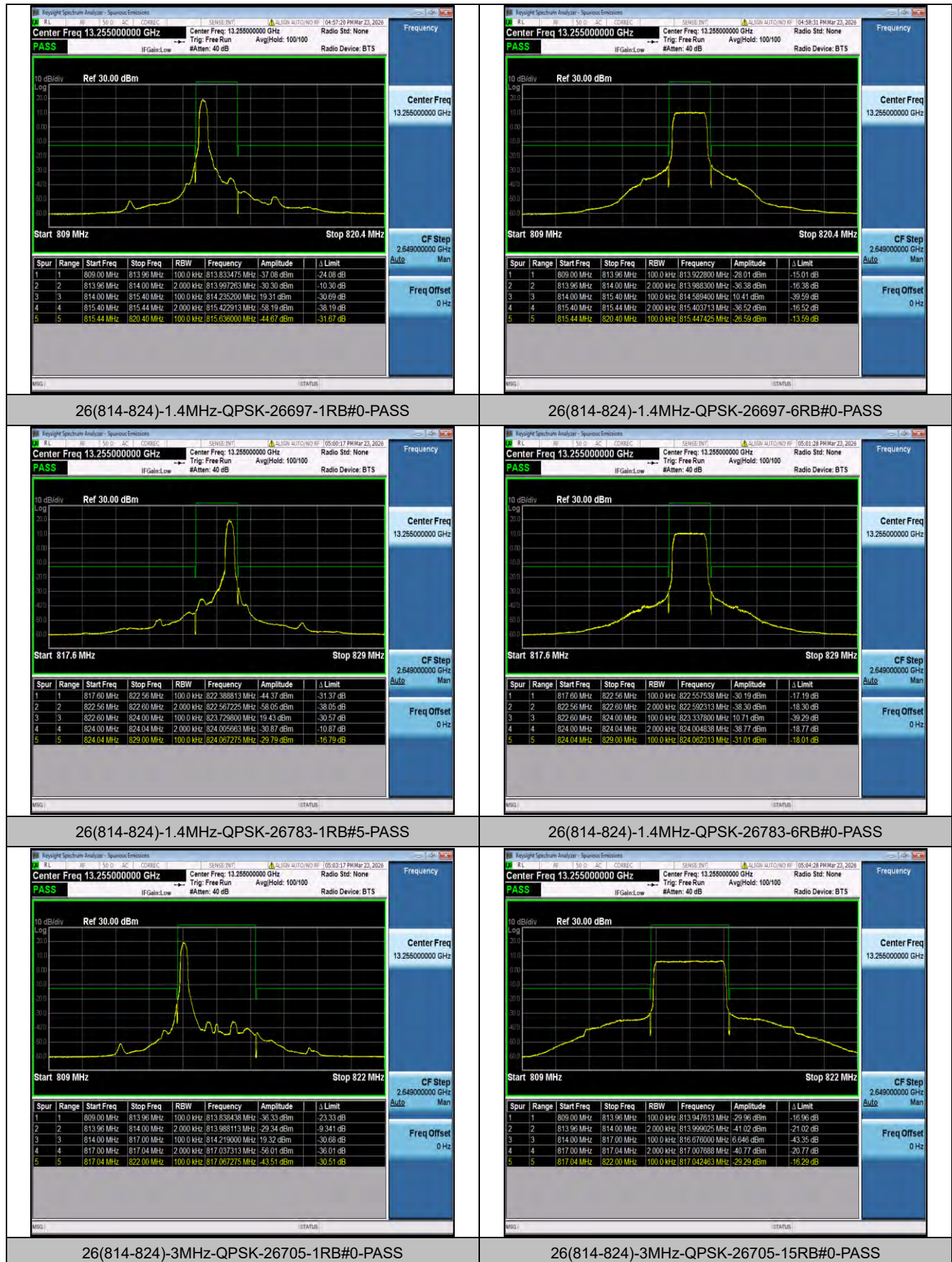


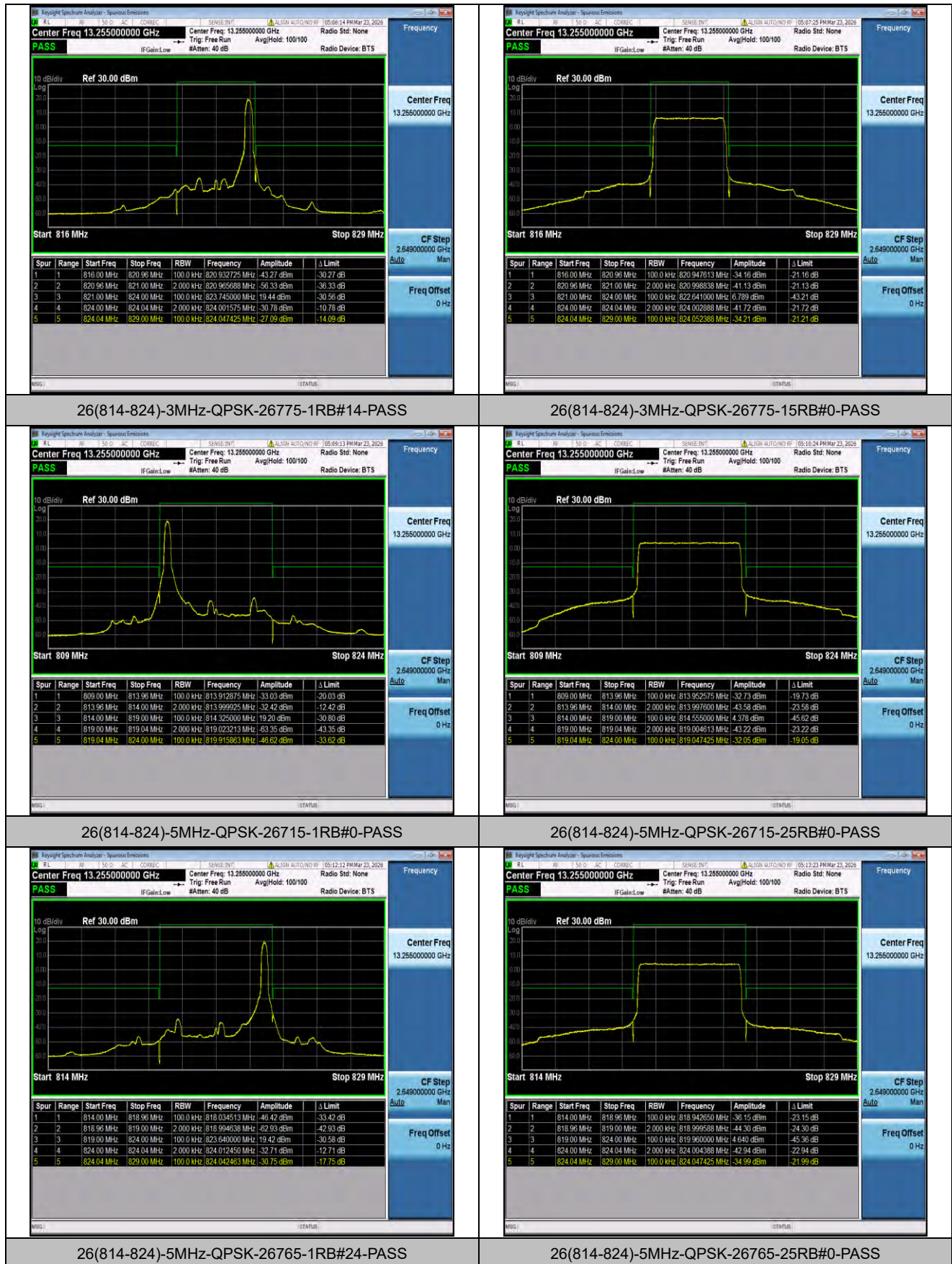


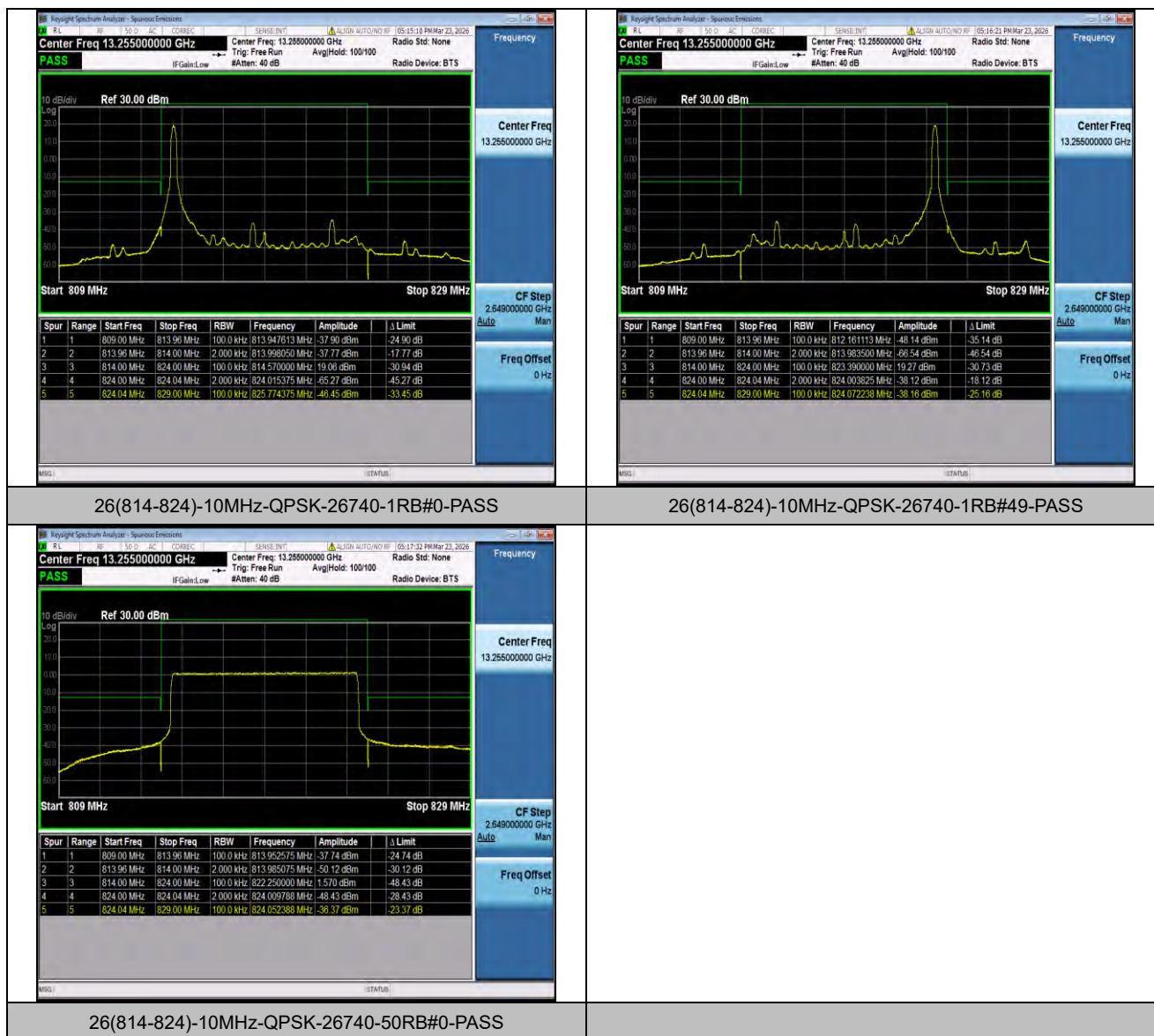


Band Edge

Test Graphs

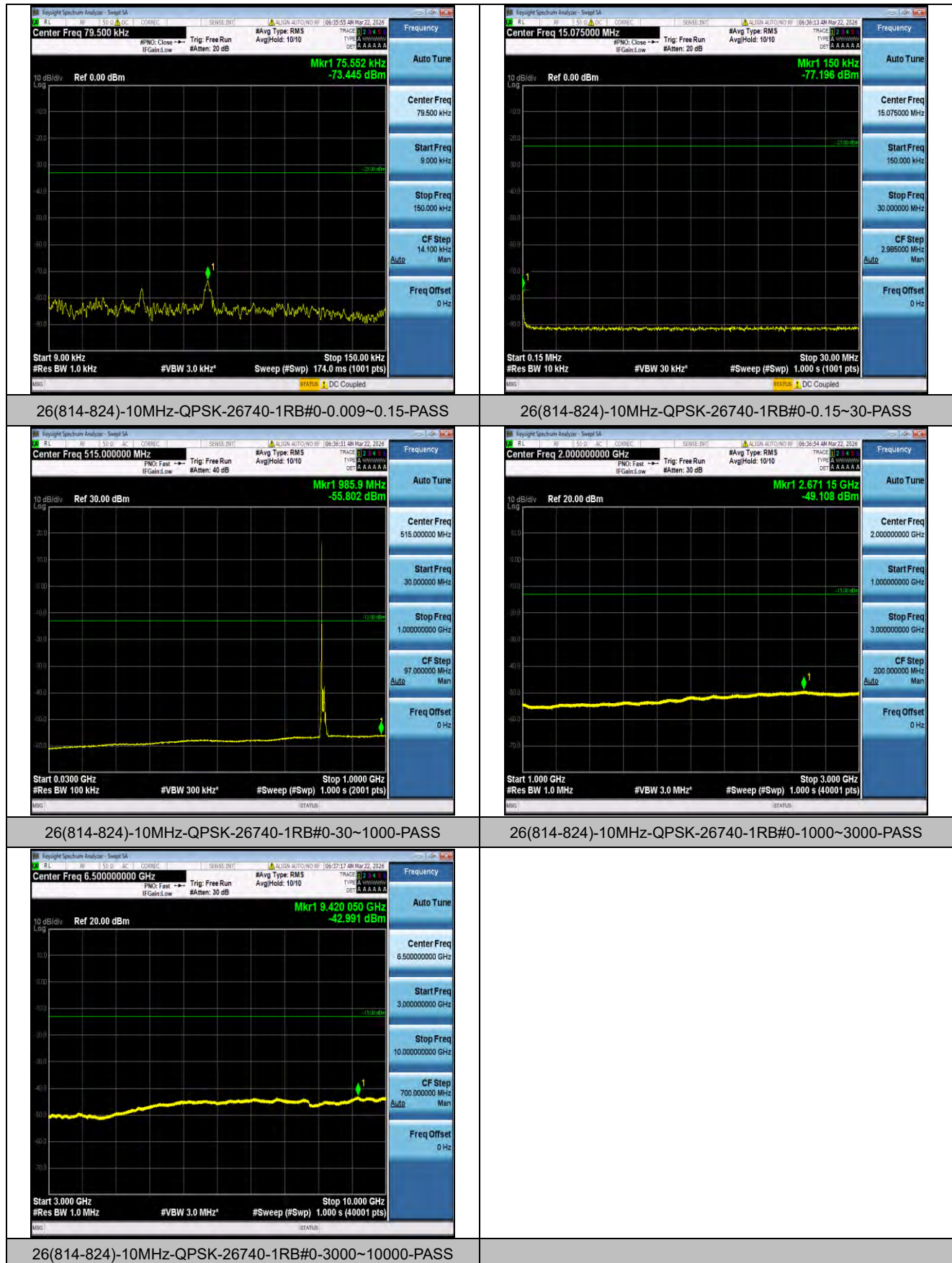






Conducted Spurious Emission

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	50RB#0	VN	NT	-15.20	-0.018559	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	VL	NT	-6.40	-0.007814	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	VH	NT	-8.30	-0.010134	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	-8.70	-0.010623	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	NV	-20	-10.10	-0.012332	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	NV	-10	0.40	0.000488	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	NV	0	4.30	0.005250	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	NV	10	-3.10	-0.003785	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	NV	20	-11.50	-0.014042	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	NV	30	1.50	0.001832	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	3.30	0.004029	PASS

~The End~