

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	22.68	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	22.79	50.00	PASS
26(814-824)	1.4MHz	QPSK	26697	6RB#0	21.82	50.00	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#0	23.93	50.00	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#2	23.84	50.00	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#5	23.9	50.00	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	23.07	50.00	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#0	23.85	50.00	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#2	24.35	50.00	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#5	24.56	50.00	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	23.64	50.00	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#0	21.79	50.00	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#2	21.75	50.00	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#5	21.85	50.00	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	21.86	50.00	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#0	22.99	50.00	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#2	23.3	50.00	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#5	22.97	50.00	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	23.01	50.00	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#0	23.23	50.00	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#2	23.19	50.00	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#5	23.53	50.00	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	23.63	50.00	PASS
26(814-824)	3MHz	QPSK	26705	1RB#0	22.39	50.00	PASS
26(814-824)	3MHz	QPSK	26705	1RB#8	22.43	50.00	PASS
26(814-824)	3MHz	QPSK	26705	1RB#14	22.19	50.00	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	21.6	50.00	PASS
26(814-824)	3MHz	QPSK	26740	1RB#0	22.49	50.00	PASS
26(814-824)	3MHz	QPSK	26740	1RB#8	23.91	50.00	PASS
26(814-824)	3MHz	QPSK	26740	1RB#14	23.75	50.00	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	22.99	50.00	PASS
26(814-824)	3MHz	QPSK	26775	1RB#0	23.68	50.00	PASS
26(814-824)	3MHz	QPSK	26775	1RB#8	24	50.00	PASS
26(814-824)	3MHz	QPSK	26775	1RB#14	23.83	50.00	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	23.03	50.00	PASS
26(814-824)	3MHz	16QAM	26705	1RB#0	21.69	50.00	PASS

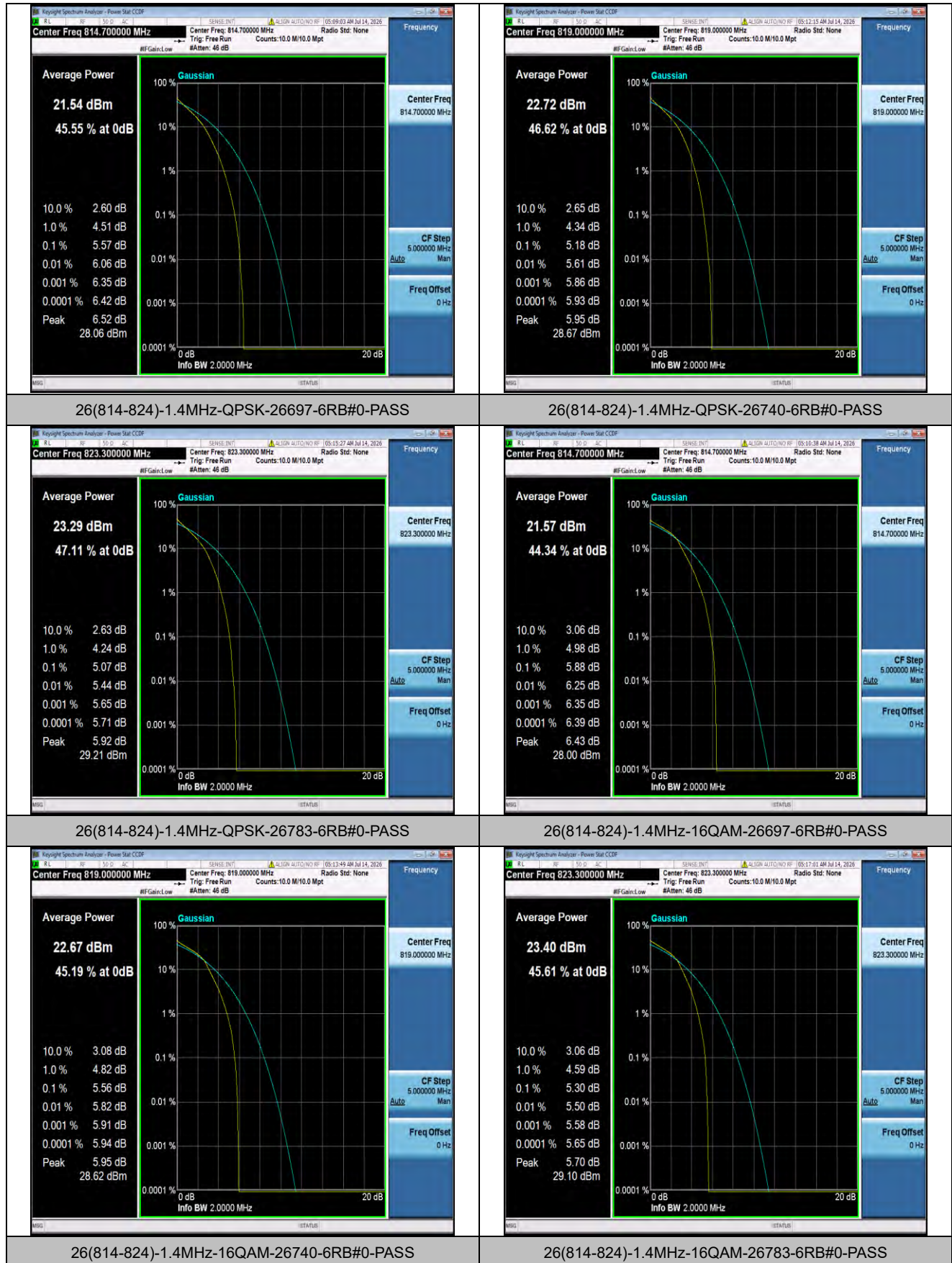
26(814-824)	3MHz	16QAM	26705	1RB#8	21.62	50.00	PASS
26(814-824)	3MHz	16QAM	26705	1RB#14	21.57	50.00	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	21.63	50.00	PASS
26(814-824)	3MHz	16QAM	26740	1RB#0	21.5	50.00	PASS
26(814-824)	3MHz	16QAM	26740	1RB#8	23.26	50.00	PASS
26(814-824)	3MHz	16QAM	26740	1RB#14	22.86	50.00	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	23.01	50.00	PASS
26(814-824)	3MHz	16QAM	26775	1RB#0	22.77	50.00	PASS
26(814-824)	3MHz	16QAM	26775	1RB#8	22.89	50.00	PASS
26(814-824)	3MHz	16QAM	26775	1RB#14	22.94	50.00	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	22.99	50.00	PASS
26(814-824)	5MHz	QPSK	26715	1RB#0	22.57	50.00	PASS
26(814-824)	5MHz	QPSK	26715	1RB#12	22.3	50.00	PASS
26(814-824)	5MHz	QPSK	26715	1RB#24	24.05	50.00	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	22.92	50.00	PASS
26(814-824)	5MHz	QPSK	26740	1RB#0	22.84	50.00	PASS
26(814-824)	5MHz	QPSK	26740	1RB#12	23.91	50.00	PASS
26(814-824)	5MHz	QPSK	26740	1RB#24	23.9	50.00	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	23.16	50.00	PASS
26(814-824)	5MHz	QPSK	26765	1RB#0	24.34	50.00	PASS
26(814-824)	5MHz	QPSK	26765	1RB#12	23.89	50.00	PASS
26(814-824)	5MHz	QPSK	26765	1RB#24	24.2	50.00	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	23.15	50.00	PASS
26(814-824)	5MHz	16QAM	26715	1RB#0	21.56	50.00	PASS
26(814-824)	5MHz	16QAM	26715	1RB#12	21.32	50.00	PASS
26(814-824)	5MHz	16QAM	26715	1RB#24	22.71	50.00	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	22.89	50.00	PASS
26(814-824)	5MHz	16QAM	26740	1RB#0	22.13	50.00	PASS
26(814-824)	5MHz	16QAM	26740	1RB#12	23.27	50.00	PASS
26(814-824)	5MHz	16QAM	26740	1RB#24	23.24	50.00	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	23.13	50.00	PASS
26(814-824)	5MHz	16QAM	26765	1RB#0	23.32	50.00	PASS
26(814-824)	5MHz	16QAM	26765	1RB#12	22.81	50.00	PASS
26(814-824)	5MHz	16QAM	26765	1RB#24	23.22	50.00	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	23.18	50.00	PASS
26(814-824)	10MHz	QPSK	26740	1RB#0	22.98	50.00	PASS
26(814-824)	10MHz	QPSK	26740	1RB#24	23.91	50.00	PASS
26(814-824)	10MHz	QPSK	26740	1RB#49	24.06	50.00	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	23.19	50.00	PASS
26(814-824)	10MHz	16QAM	26740	1RB#0	22.22	50.00	PASS
26(814-824)	10MHz	16QAM	26740	1RB#24	23.21	50.00	PASS
26(814-824)	10MHz	16QAM	26740	1RB#49	23.37	50.00	PASS
26(814-824)	10MHz	16QAM	26740	27RB#0	23.32	50.00	PASS

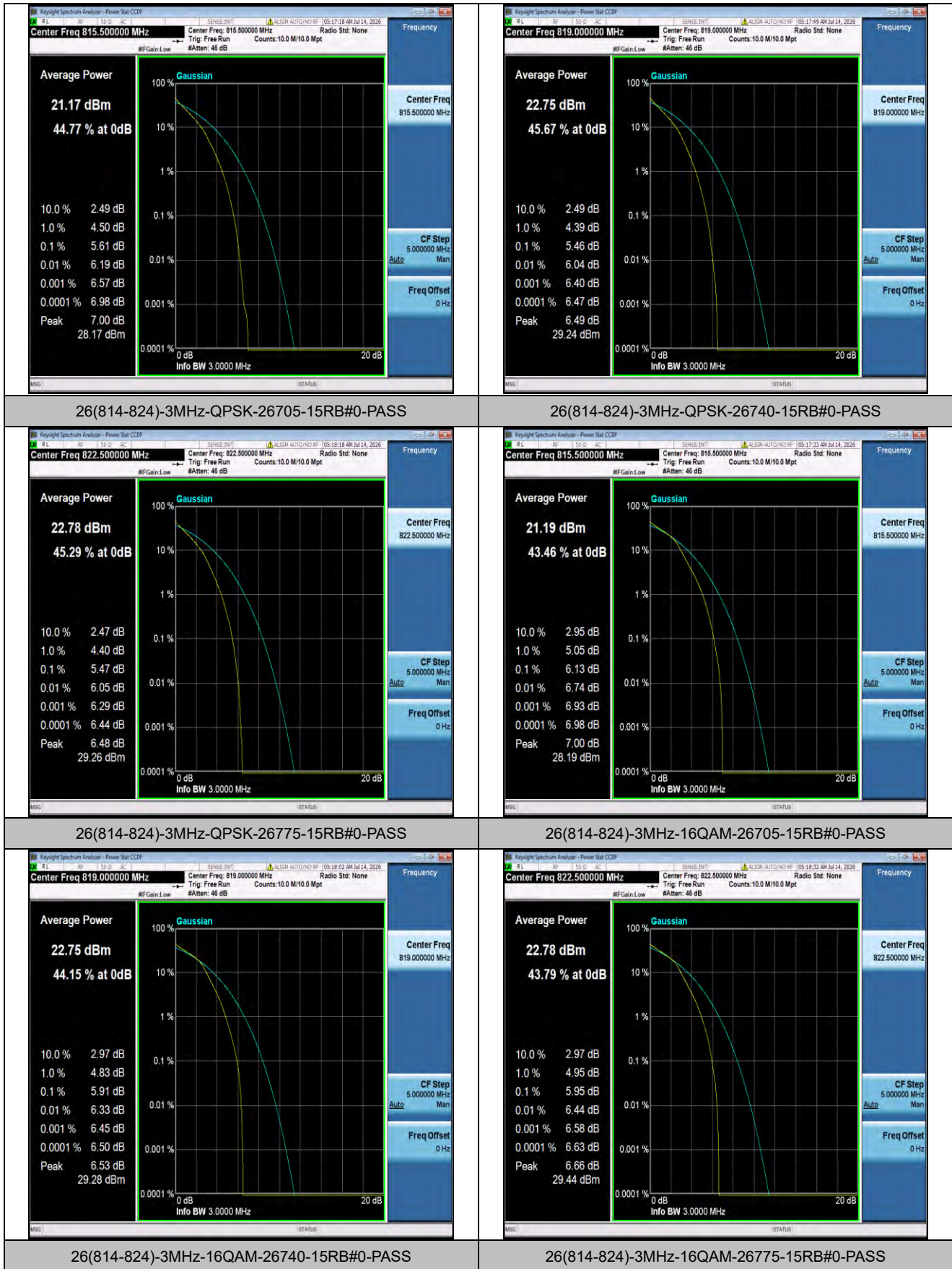
Peak-to-Average Ratio(CCDF)

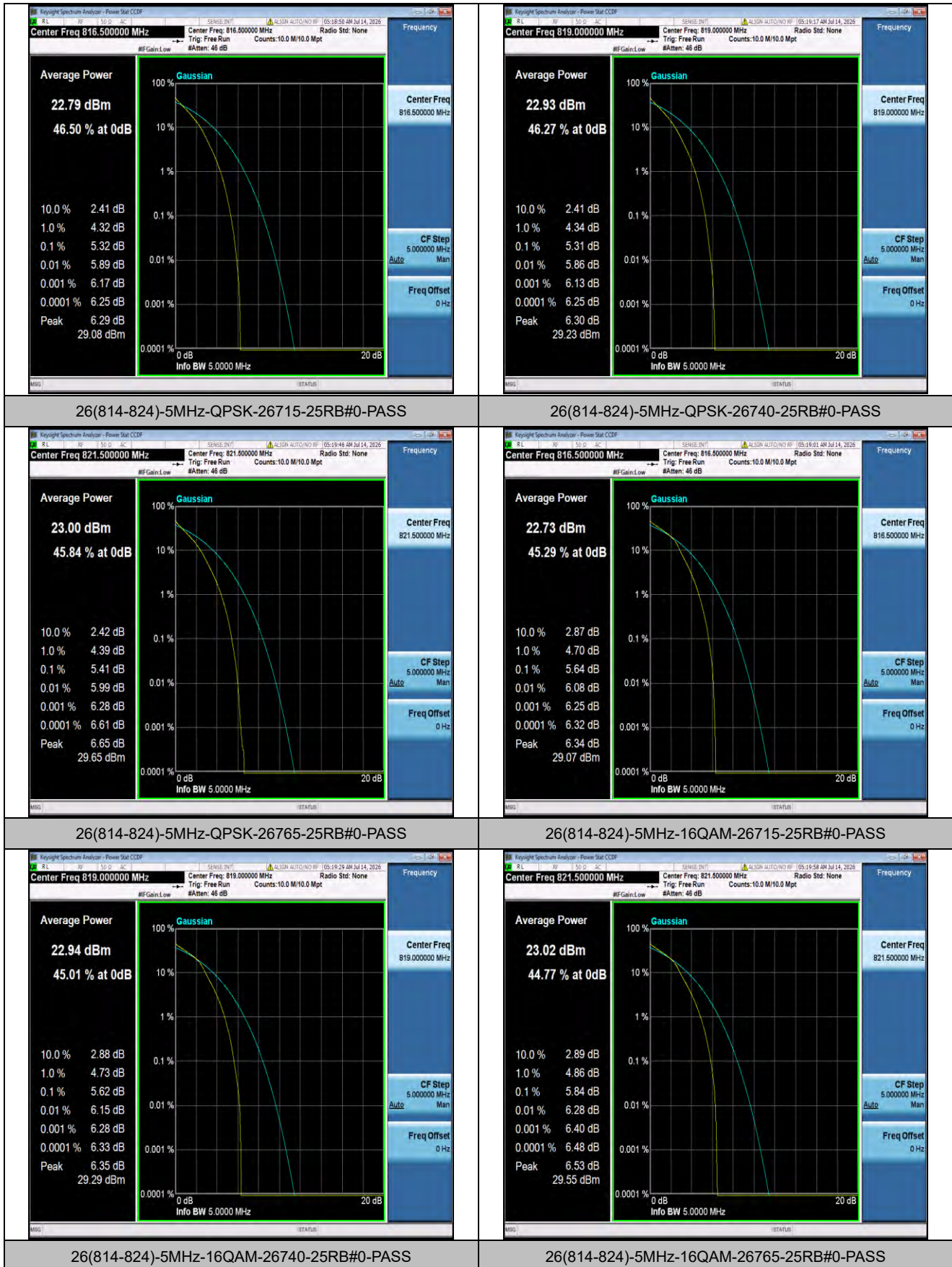
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
26(814-824)	1.4MHz	QPSK	26697	6RB#0	5.57	13	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	5.18	13	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	5.07	13	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	5.88	13	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	5.56	13	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	5.30	13	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	5.61	13	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	5.46	13	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	5.47	13	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	6.13	13	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	5.91	13	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	5.95	13	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	5.32	13	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	5.31	13	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	5.41	13	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	5.64	13	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	5.62	13	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	5.84	13	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	5.25	13	PASS
26(814-824)	10MHz	16QAM	26740	27RB#0	5.37	13	PASS

Test Graphs

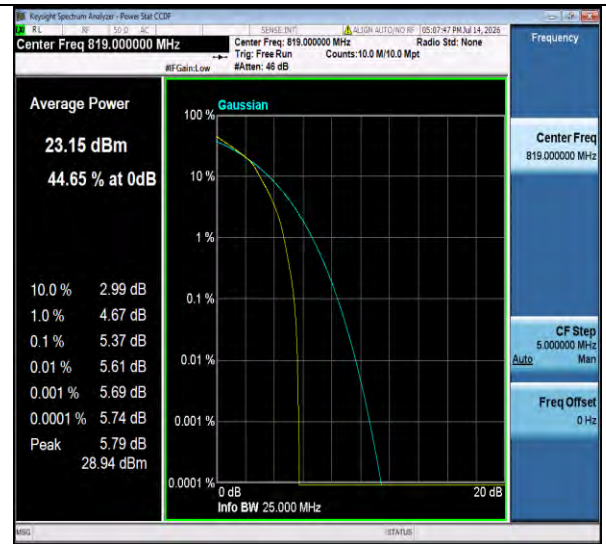








26(814-824)-10MHz-QPSK-26740-50RB#0-PASS



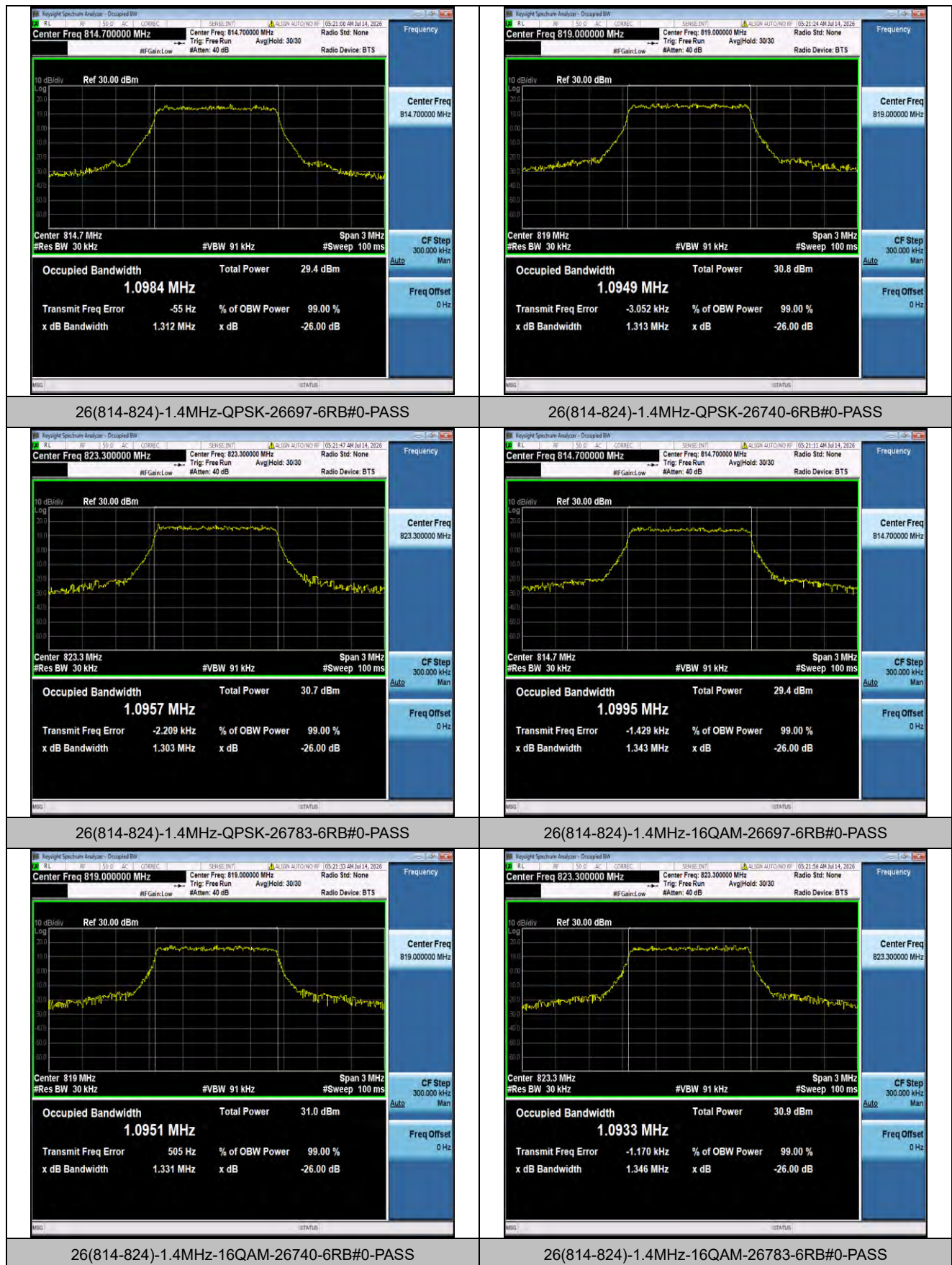
26(814-824)-10MHz-16QAM-26740-27RB#0-PASS

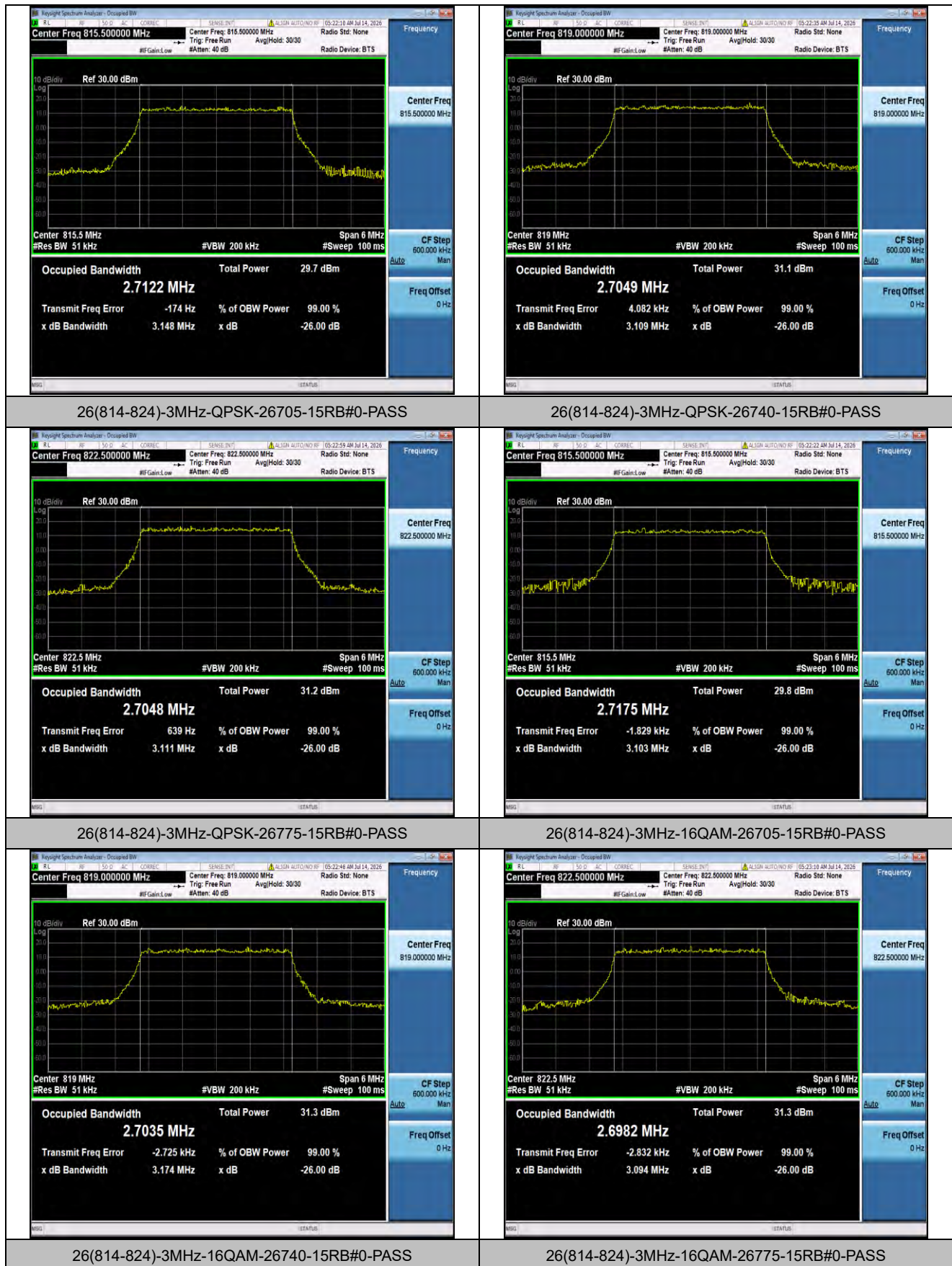
26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
26(814-824)	1.4MHz	QPSK	26697	6RB#0	1.0984	1.312	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	1.0949	1.313	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	1.0957	1.303	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	1.0995	1.343	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	1.0951	1.331	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	1.0933	1.346	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	2.7122	3.148	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	2.7049	3.109	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	2.7048	3.111	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	2.7175	3.103	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	2.7035	3.174	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	2.6982	3.094	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	4.5496	5.616	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	4.5342	5.503	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	4.5329	5.533	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	4.5518	5.696	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	4.5340	5.542	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	4.5414	5.611	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	9.0146	10.62	PASS
26(814-824)	10MHz	16QAM	26740	27RB#0	5.0433	6.698	PASS

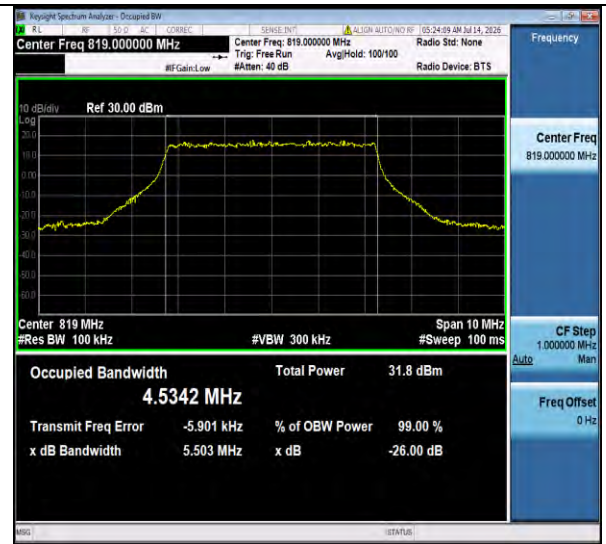
Test Graphs







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



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



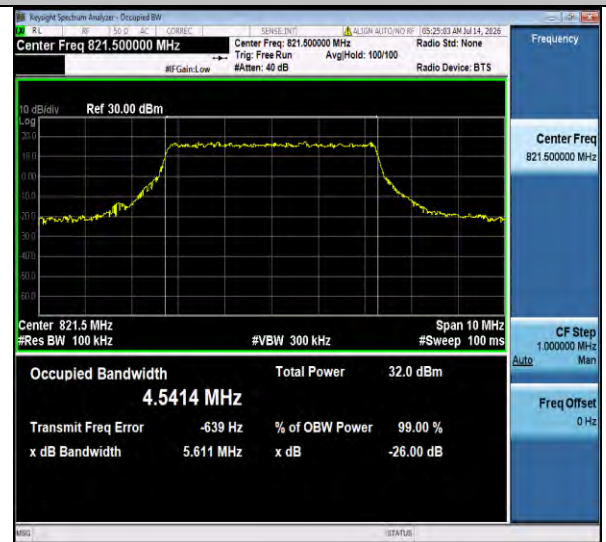
26(814-824)-5MHz-QPSK-26765-25RB#0-PASS



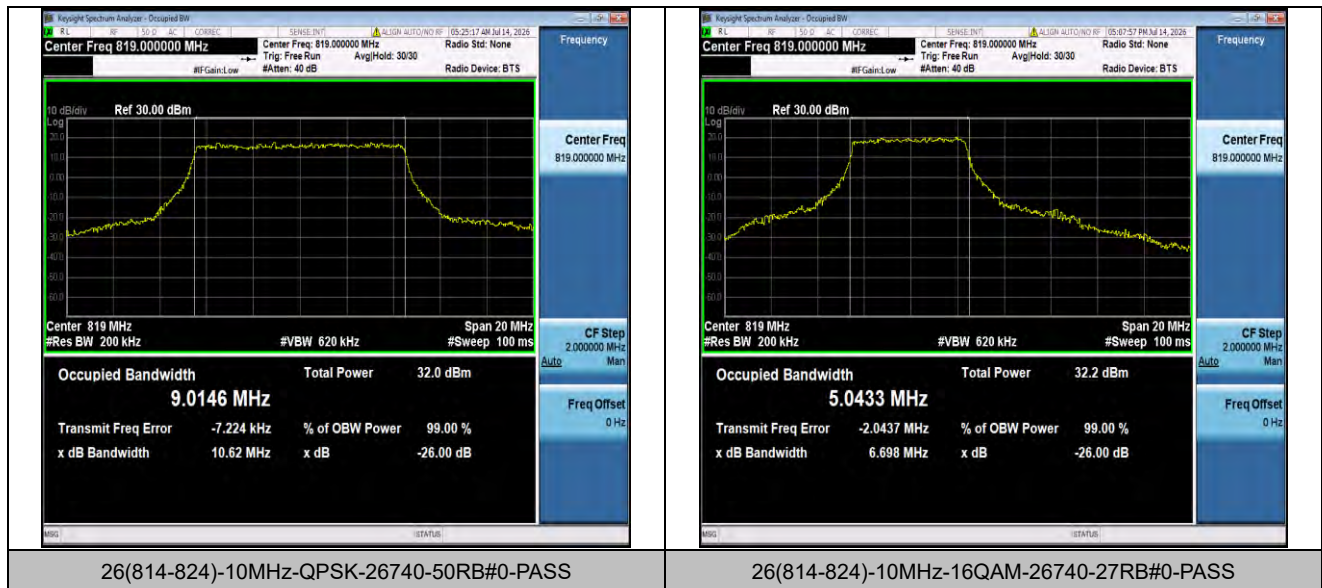
26(814-824)-5MHz-16QAM-26715-25RB#0-PASS



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

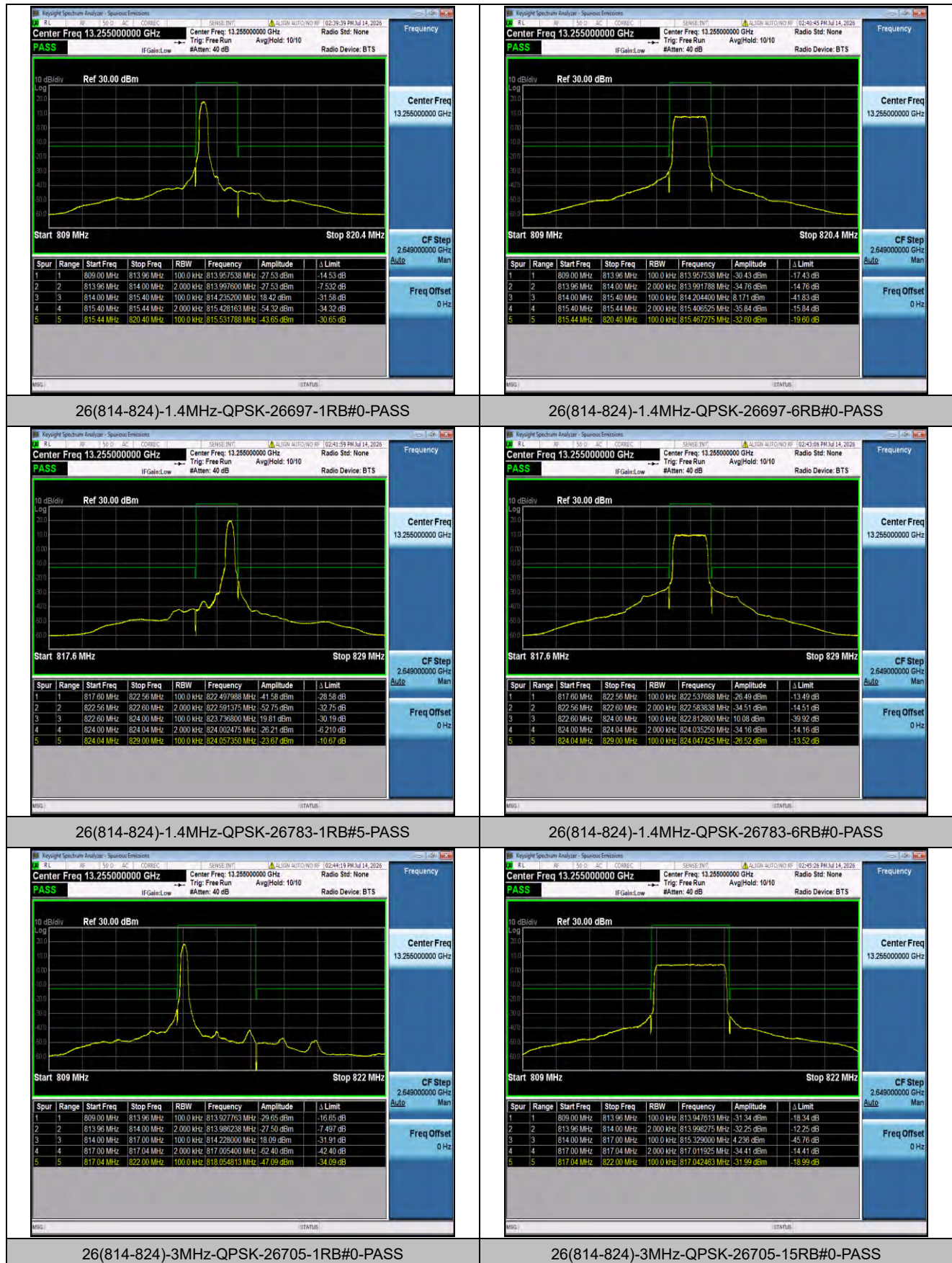


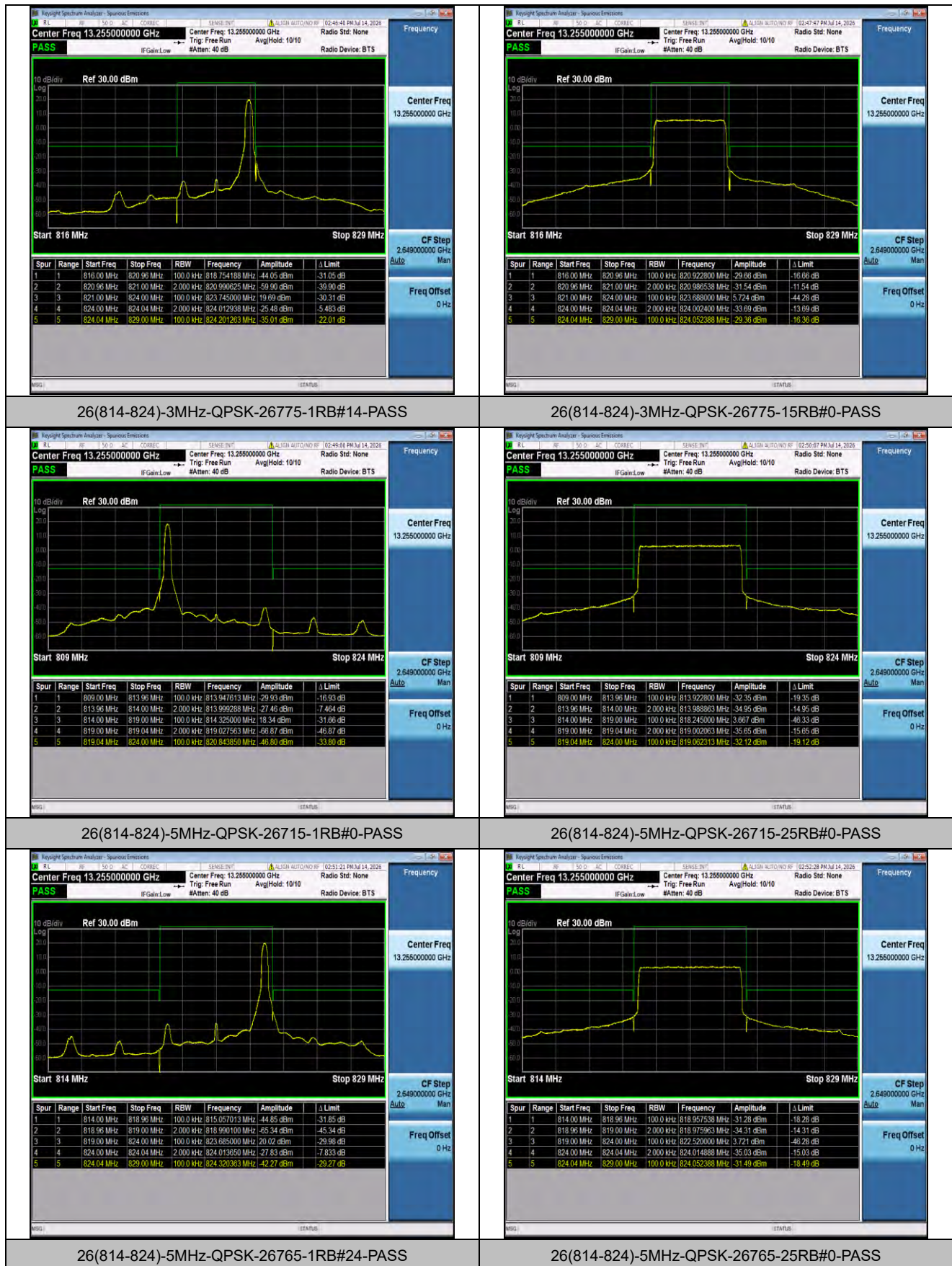
26(814-824)-5MHz-16QAM-26765-25RB#0-PASS

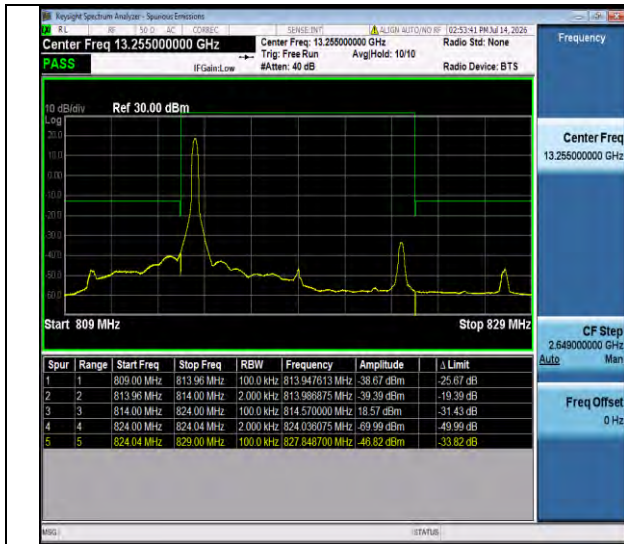


Band Edge

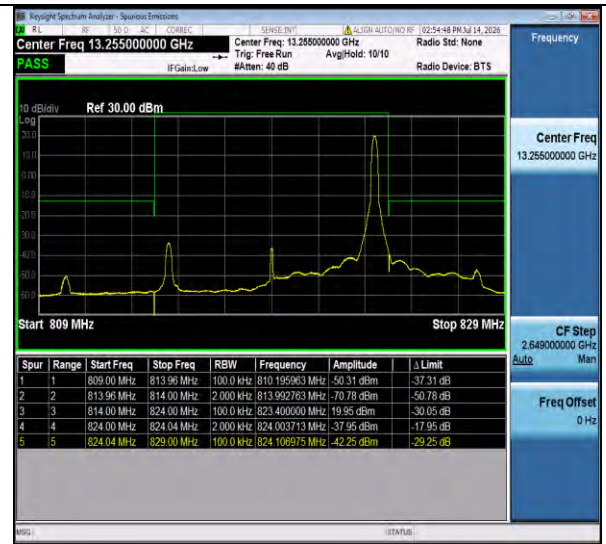
Test Graphs







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



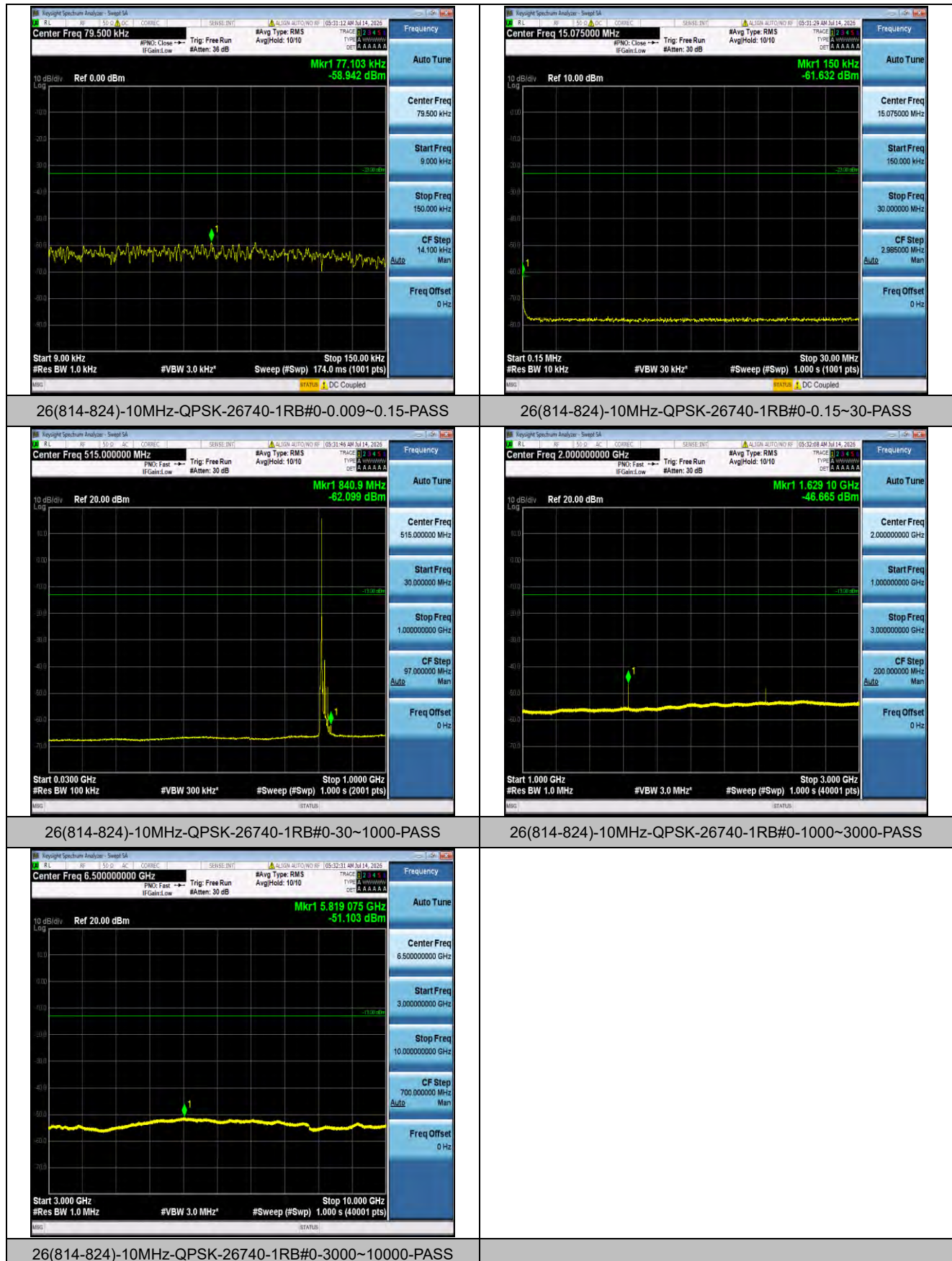
26(814-824)-10MHz-QPSK-26740-1RB#49-PASS



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	-10.06	-0.012283	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	VL	NT	-5.80	-0.007082	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	VH	NT	-6.30	-0.007692	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	-8.18	-0.009988	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	NV	-20	-5.35	-0.006532	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	NV	-10	-5.90	-0.007204	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	NV	0	-4.57	-0.005580	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	NV	10	-4.61	-0.005629	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	NV	20	-4.75	-0.005800	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	NV	30	-4.20	-0.005128	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	NV	40	-7.14	-0.008718	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	NV	50	-5.18	-0.006325	PASS

~The End~