

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	22.95	50.00	PASS
26(814-824)	1.4MHz	QPSK	26697	1RB#2	22.87	50.00	PASS
26(814-824)	1.4MHz	QPSK	26697	1RB#5	22.84	50.00	PASS
26(814-824)	1.4MHz	QPSK	26697	6RB#0	22.84	50.00	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#0	23.01	50.00	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#2	22.87	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	21.94	50.00	PASS
26(814-824)	1.4MHz	64QAM	26697	1RB#0	22.25	50.00	PASS
26(814-824)	1.4MHz	64QAM	26697	1RB#2	21.85	50.00	PASS
26(814-824)	1.4MHz	64QAM	26697	1RB#5	21.7	50.00	PASS
26(814-824)	1.4MHz	64QAM	26697	6RB#0	20.92	50.00	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#0	22.97	50.00	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#2	23	50.00	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#5	22.92	50.00	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	22.98	50.00	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#0	23.21	50.00	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#2	23.07	50.00	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#5	22.93	50.00	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	21.95	50.00	PASS
26(814-824)	1.4MHz	64QAM	26740	1RB#0	22.39	50.00	PASS
26(814-824)	1.4MHz	64QAM	26740	1RB#2	22.47	50.00	PASS
26(814-824)	1.4MHz	64QAM	26740	1RB#5	21.9	50.00	PASS
26(814-824)	1.4MHz	64QAM	26740	6RB#0	20.92	50.00	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#0	22.92	50.00	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#2	22.85	50.00	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#5	22.89	50.00	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	22.9	50.00	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#0	23	50.00	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#2	23.18	50.00	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#5	22.9	50.00	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	21.92	50.00	PASS
26(814-824)	1.4MHz	64QAM	26783	1RB#0	22.39	50.00	PASS
26(814-824)	1.4MHz	64QAM	26783	1RB#2	22	50.00	PASS
26(814-824)	1.4MHz	64QAM	26783	1RB#5	22.12	50.00	PASS
26(814-824)	1.4MHz	64QAM	26783	6RB#0	20.94	50.00	PASS
26(814-824)	3MHz	QPSK	26705	1RB#0	22.92	50.00	PASS

26(814-824)	3MHz	QPSK	26705	1RB#8	22.9	50.00	PASS
26(814-824)	3MHz	QPSK	26705	1RB#14	22.74	50.00	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	22.91	50.00	PASS
26(814-824)	3MHz	16QAM	26705	1RB#0	22.75	50.00	PASS
26(814-824)	3MHz	16QAM	26705	1RB#8	22.95	50.00	PASS
26(814-824)	3MHz	16QAM	26705	1RB#14	23	50.00	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	21.92	50.00	PASS
26(814-824)	3MHz	64QAM	26705	1RB#0	21.72	50.00	PASS
26(814-824)	3MHz	64QAM	26705	1RB#8	22	50.00	PASS
26(814-824)	3MHz	64QAM	26705	1RB#14	22	50.00	PASS
26(814-824)	3MHz	64QAM	26705	15RB#0	20.89	50.00	PASS
26(814-824)	3MHz	QPSK	26740	1RB#0	22.98	50.00	PASS
26(814-824)	3MHz	QPSK	26740	1RB#8	22.96	50.00	PASS
26(814-824)	3MHz	QPSK	26740	1RB#14	22.88	50.00	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	23.03	50.00	PASS
26(814-824)	3MHz	16QAM	26740	1RB#0	22.99	50.00	PASS
26(814-824)	3MHz	16QAM	26740	1RB#8	22.97	50.00	PASS
26(814-824)	3MHz	16QAM	26740	1RB#14	22.89	50.00	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	22.01	50.00	PASS
26(814-824)	3MHz	64QAM	26740	1RB#0	22.12	50.00	PASS
26(814-824)	3MHz	64QAM	26740	1RB#8	22.23	50.00	PASS
26(814-824)	3MHz	64QAM	26740	1RB#14	22.29	50.00	PASS
26(814-824)	3MHz	64QAM	26740	15RB#0	21.03	50.00	PASS
26(814-824)	3MHz	QPSK	26775	1RB#0	22.87	50.00	PASS
26(814-824)	3MHz	QPSK	26775	1RB#8	23	50.00	PASS
26(814-824)	3MHz	QPSK	26775	1RB#14	22.87	50.00	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	23.01	50.00	PASS
26(814-824)	3MHz	16QAM	26775	1RB#0	23.05	50.00	PASS
26(814-824)	3MHz	16QAM	26775	1RB#8	22.9	50.00	PASS
26(814-824)	3MHz	16QAM	26775	1RB#14	22.83	50.00	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	22.09	50.00	PASS
26(814-824)	3MHz	64QAM	26775	1RB#0	22.27	50.00	PASS
26(814-824)	3MHz	64QAM	26775	1RB#8	22.26	50.00	PASS
26(814-824)	3MHz	64QAM	26775	1RB#14	22.08	50.00	PASS
26(814-824)	3MHz	64QAM	26775	15RB#0	20.95	50.00	PASS
26(814-824)	5MHz	QPSK	26715	1RB#0	22.88	50.00	PASS
26(814-824)	5MHz	QPSK	26715	1RB#12	22.83	50.00	PASS
26(814-824)	5MHz	QPSK	26715	1RB#24	22.91	50.00	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	22.92	50.00	PASS
26(814-824)	5MHz	16QAM	26715	1RB#0	22.97	50.00	PASS
26(814-824)	5MHz	16QAM	26715	1RB#12	23.44	50.00	PASS
26(814-824)	5MHz	16QAM	26715	1RB#24	22.89	50.00	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	21.9	50.00	PASS
26(814-824)	5MHz	64QAM	26715	1RB#0	22.18	50.00	PASS
26(814-824)	5MHz	64QAM	26715	1RB#12	22.14	50.00	PASS

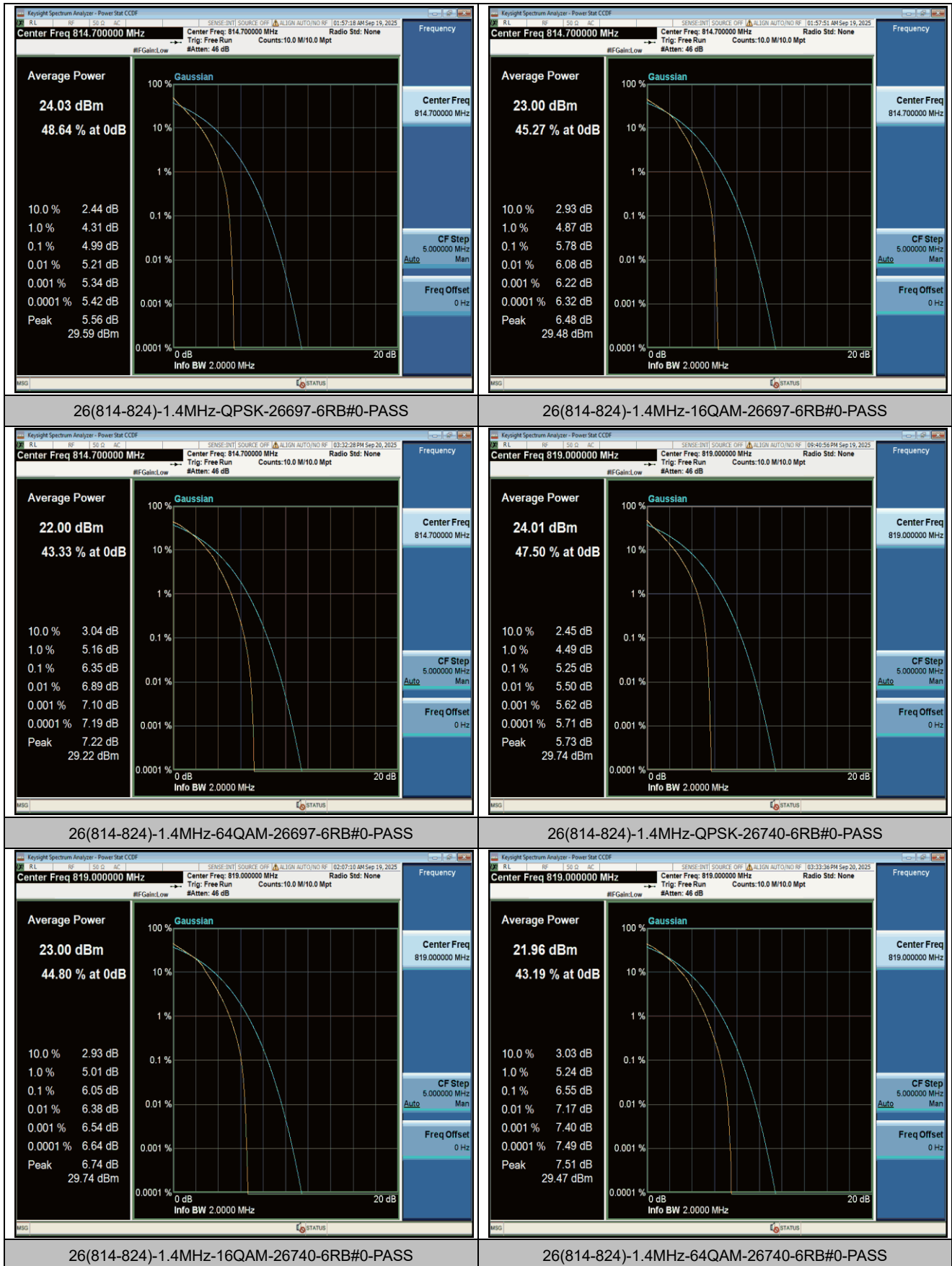
26(814-824)	5MHz	64QAM	26715	1RB#24	21.89	50.00	PASS
26(814-824)	5MHz	64QAM	26715	25RB#0	20.94	50.00	PASS
26(814-824)	5MHz	QPSK	26740	1RB#0	22.9	50.00	PASS
26(814-824)	5MHz	QPSK	26740	1RB#12	23.06	50.00	PASS
26(814-824)	5MHz	QPSK	26740	1RB#24	23.04	50.00	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	23.03	50.00	PASS
26(814-824)	5MHz	16QAM	26740	1RB#0	23.04	50.00	PASS
26(814-824)	5MHz	16QAM	26740	1RB#12	23.13	50.00	PASS
26(814-824)	5MHz	16QAM	26740	1RB#24	22.97	50.00	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	22.16	50.00	PASS
26(814-824)	5MHz	64QAM	26740	1RB#0	22.46	50.00	PASS
26(814-824)	5MHz	64QAM	26740	1RB#12	22.21	50.00	PASS
26(814-824)	5MHz	64QAM	26740	1RB#24	22.04	50.00	PASS
26(814-824)	5MHz	64QAM	26740	25RB#0	21.03	50.00	PASS
26(814-824)	5MHz	QPSK	26765	1RB#0	22.91	50.00	PASS
26(814-824)	5MHz	QPSK	26765	1RB#12	23.06	50.00	PASS
26(814-824)	5MHz	QPSK	26765	1RB#24	23.04	50.00	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	23.09	50.00	PASS
26(814-824)	5MHz	16QAM	26765	1RB#0	23.03	50.00	PASS
26(814-824)	5MHz	16QAM	26765	1RB#12	23.13	50.00	PASS
26(814-824)	5MHz	16QAM	26765	1RB#24	23.27	50.00	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	22.08	50.00	PASS
26(814-824)	5MHz	64QAM	26765	1RB#0	21.95	50.00	PASS
26(814-824)	5MHz	64QAM	26765	1RB#12	22.35	50.00	PASS
26(814-824)	5MHz	64QAM	26765	1RB#24	22.19	50.00	PASS
26(814-824)	5MHz	64QAM	26765	25RB#0	20.96	50.00	PASS
26(814-824)	10MHz	QPSK	26740	1RB#0	23.05	50.00	PASS
26(814-824)	10MHz	QPSK	26740	1RB#24	23.06	50.00	PASS
26(814-824)	10MHz	QPSK	26740	1RB#49	22.89	50.00	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	23.09	50.00	PASS
26(814-824)	10MHz	16QAM	26740	1RB#0	23.15	50.00	PASS
26(814-824)	10MHz	16QAM	26740	1RB#24	23.11	50.00	PASS
26(814-824)	10MHz	16QAM	26740	1RB#49	23.05	50.00	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	22.14	50.00	PASS
26(814-824)	10MHz	64QAM	26740	1RB#0	22.06	50.00	PASS
26(814-824)	10MHz	64QAM	26740	1RB#24	22.12	50.00	PASS
26(814-824)	10MHz	64QAM	26740	1RB#49	22.18	50.00	PASS
26(814-824)	10MHz	64QAM	26740	50RB#0	20.97	50.00	PASS

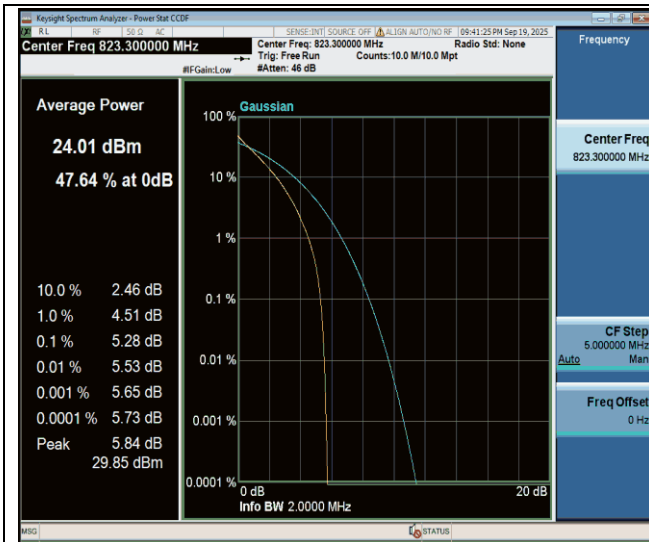
Peak-to-Average Ratio(CCDF)

Test Result

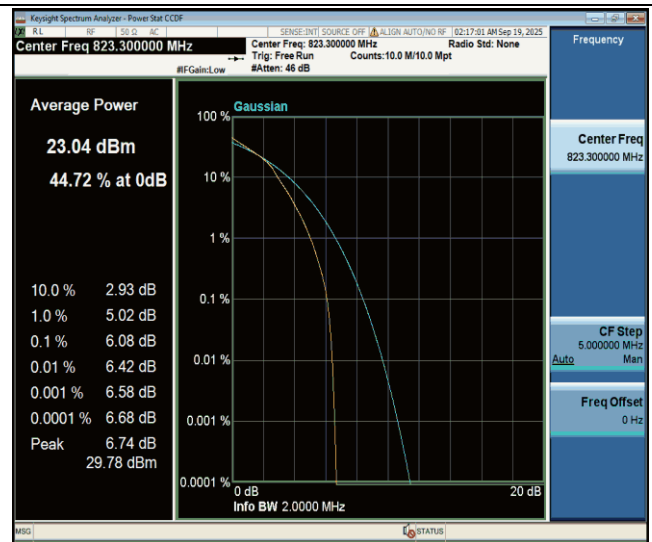
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
26(814-824)	1.4MHz	QPSK	26697	6RB#0	4.99	13	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	5.78	13	PASS
26(814-824)	1.4MHz	64QAM	26697	6RB#0	6.35	13	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	5.25	13	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	6.05	13	PASS
26(814-824)	1.4MHz	64QAM	26740	6RB#0	6.55	13	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	5.28	13	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	6.08	13	PASS
26(814-824)	1.4MHz	64QAM	26783	6RB#0	6.52	13	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	5.27	13	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	6.08	13	PASS
26(814-824)	3MHz	64QAM	26705	15RB#0	6.48	13	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	5.34	13	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	6.19	13	PASS
26(814-824)	3MHz	64QAM	26740	15RB#0	6.56	13	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	5.37	13	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	6.21	13	PASS
26(814-824)	3MHz	64QAM	26775	15RB#0	6.59	13	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	5.36	13	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	6.11	13	PASS
26(814-824)	5MHz	64QAM	26715	25RB#0	6.48	13	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	5.39	13	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	6.17	13	PASS
26(814-824)	5MHz	64QAM	26740	25RB#0	6.53	13	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	5.41	13	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	6.18	13	PASS
26(814-824)	5MHz	64QAM	26765	25RB#0	6.50	13	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	5.22	13	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	6.02	13	PASS
26(814-824)	10MHz	64QAM	26740	50RB#0	6.45	13	PASS

Test Graphs

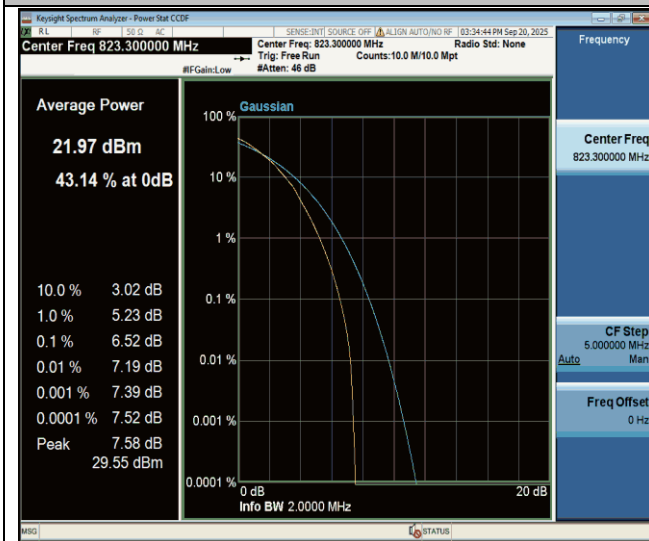




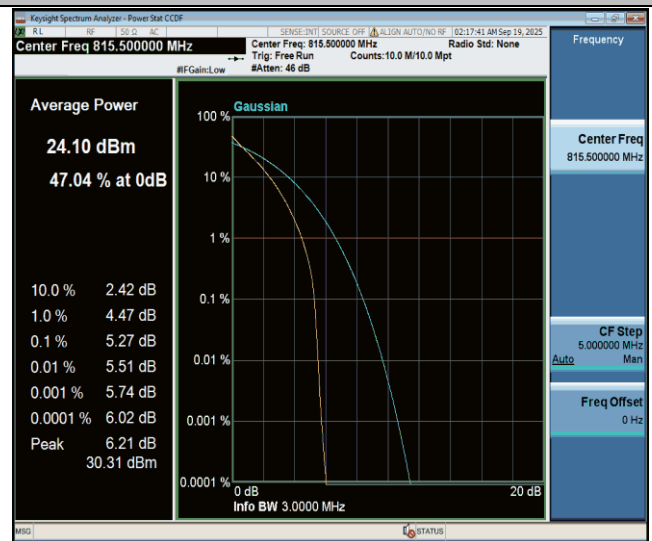
26(814-824)-1.4MHz-QPSK-26783-6RB#0-PASS



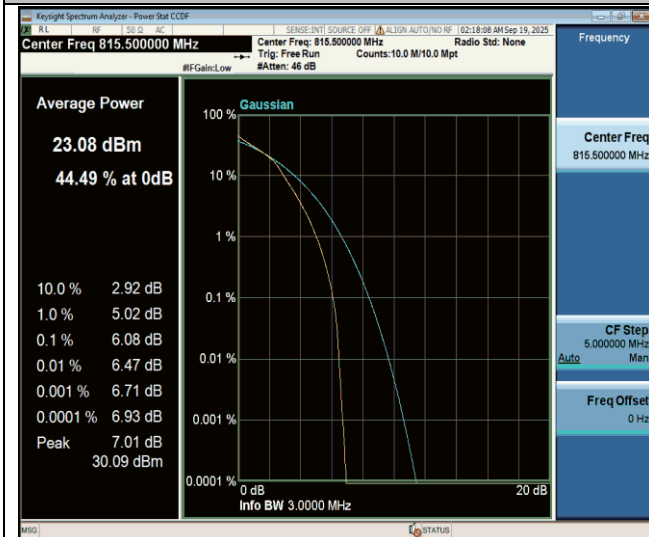
26(814-824)-1.4MHz-16QAM-26783-6RB#0-PASS



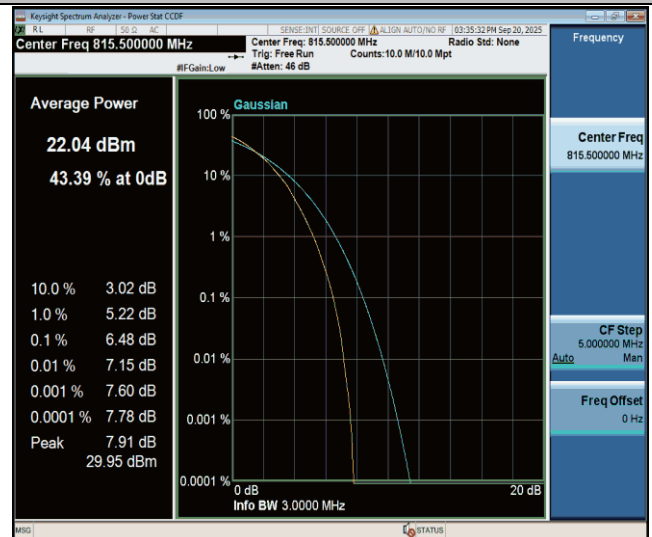
26(814-824)-1.4MHz-64QAM-26783-6RB#0-PASS



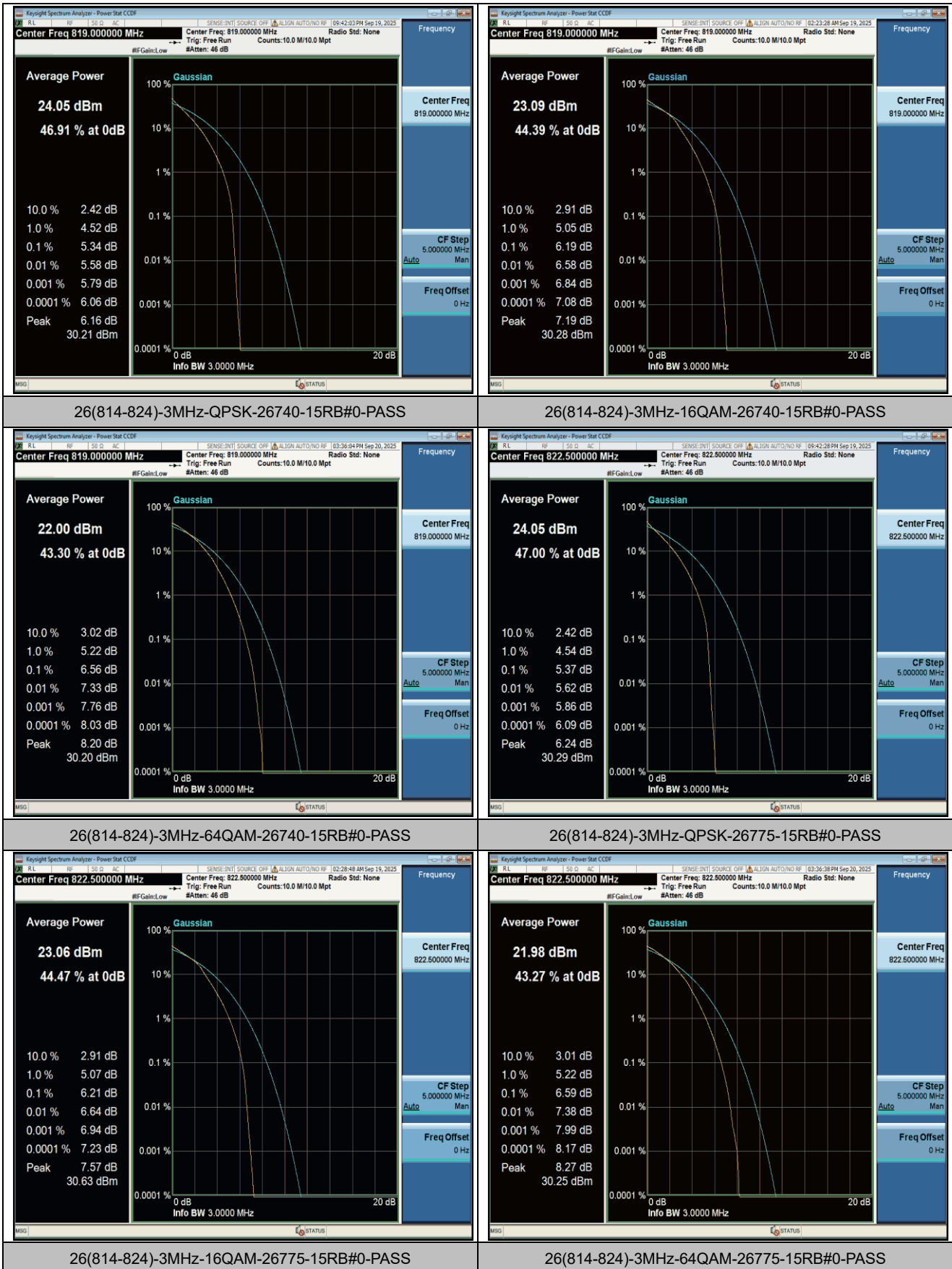
26(814-824)-3MHz-QPSK-26705-15RB#0-PASS

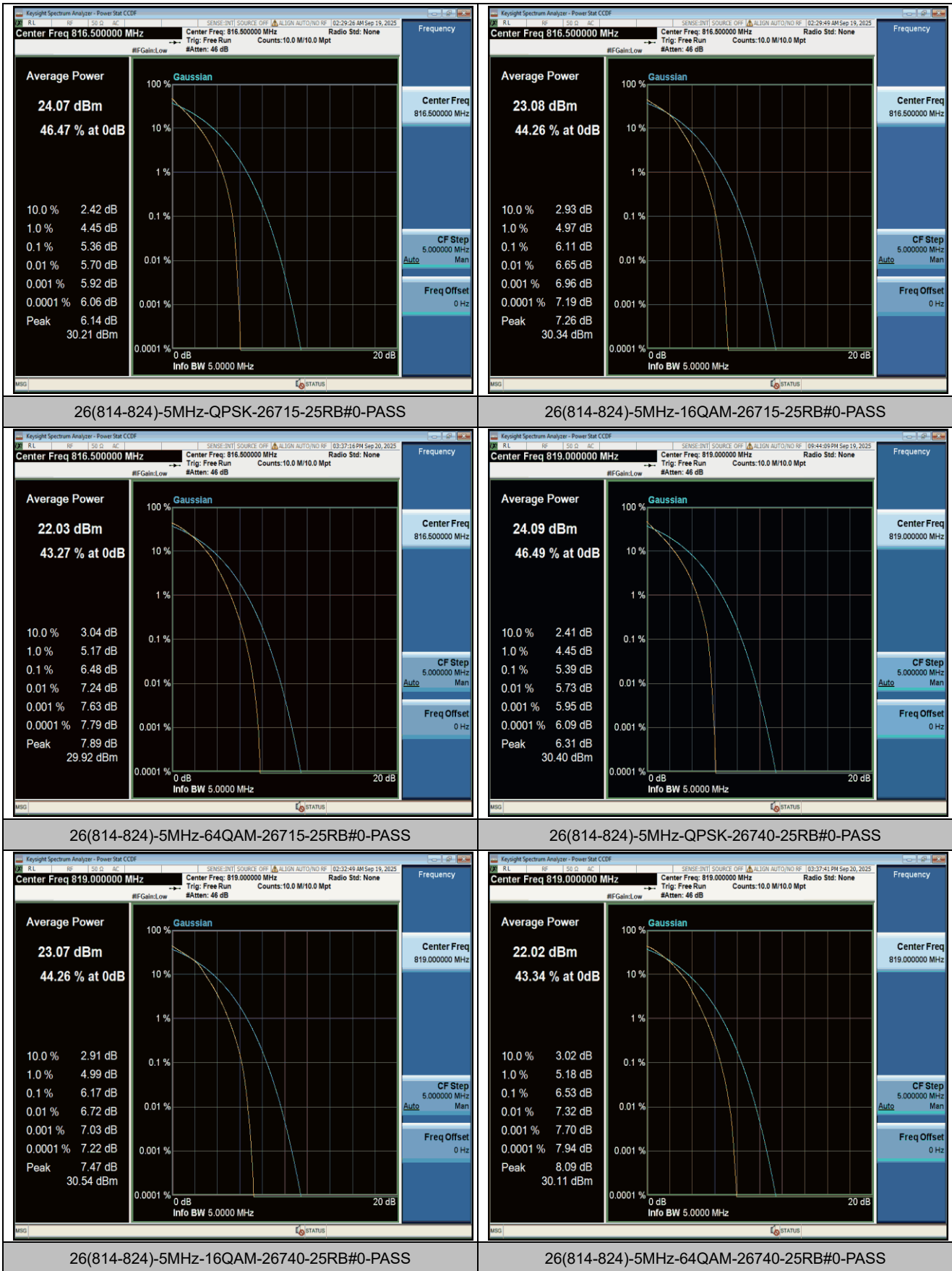


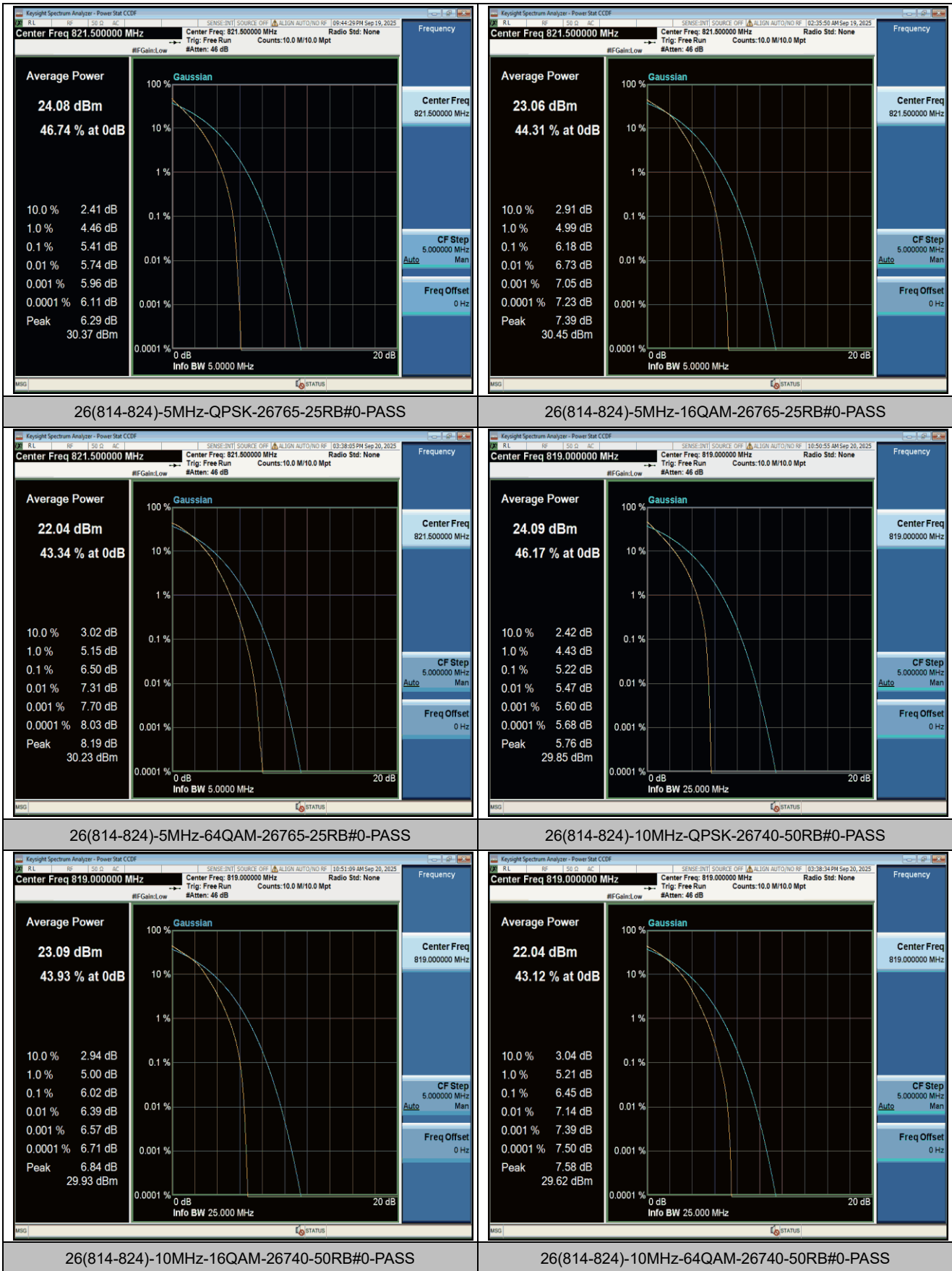
26(814-824)-3MHz-16QAM-26705-15RB#0-PASS



26(814-824)-3MHz-64QAM-26705-15RB#0-PASS







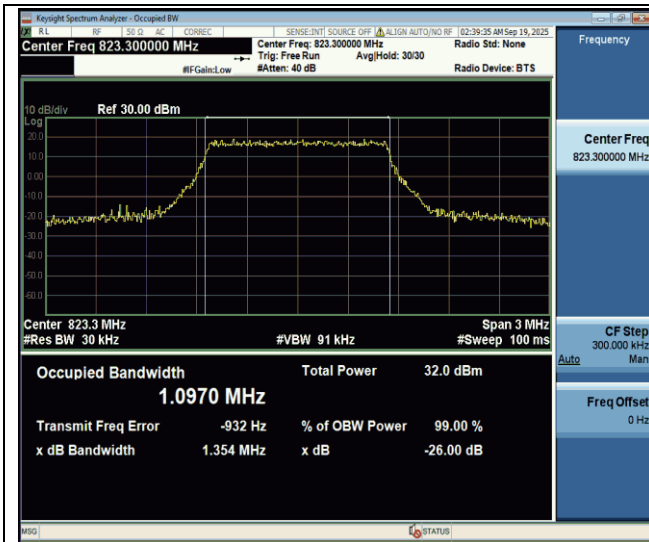
26dB Bandwidth and Occupied Bandwidth

Test Result

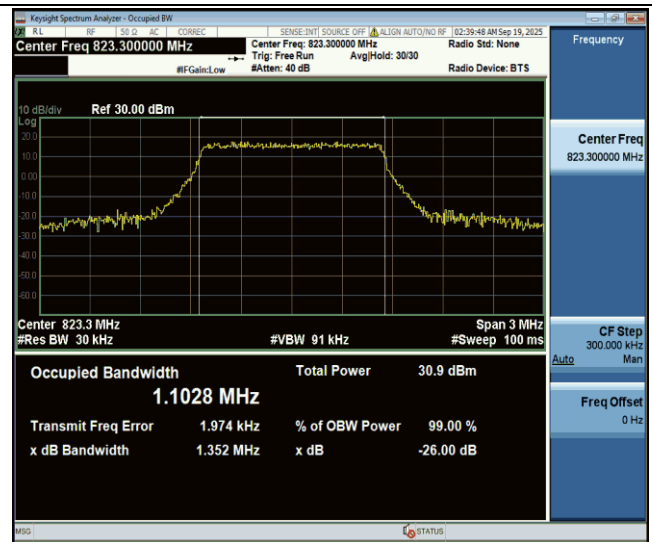
Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
26(814-824)	1.4MHz	QPSK	26697	6RB#0	1.1001	1.341	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	1.1035	1.364	PASS
26(814-824)	1.4MHz	64QAM	26697	6RB#0	1.1028	1.362	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	1.0999	1.364	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	1.1028	1.369	PASS
26(814-824)	1.4MHz	64QAM	26740	6RB#0	1.1034	1.359	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	1.0970	1.354	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	1.1028	1.352	PASS
26(814-824)	1.4MHz	64QAM	26783	6RB#0	1.1017	1.367	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	2.6984	3.027	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	2.7049	3.037	PASS
26(814-824)	3MHz	64QAM	26705	15RB#0	2.6971	3.011	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	2.7010	3.068	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	2.6959	3.038	PASS
26(814-824)	3MHz	64QAM	26740	15RB#0	2.7010	3.033	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	2.7056	3.049	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	2.6987	3.062	PASS
26(814-824)	3MHz	64QAM	26775	15RB#0	2.7050	3.044	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	4.5246	5.164	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	4.5132	5.171	PASS
26(814-824)	5MHz	64QAM	26715	25RB#0	4.5064	5.182	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	4.5194	5.166	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	4.5088	5.204	PASS
26(814-824)	5MHz	64QAM	26740	25RB#0	4.5033	5.137	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	4.5142	5.159	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	4.5089	5.213	PASS
26(814-824)	5MHz	64QAM	26765	25RB#0	4.5093	5.145	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	8.9924	10.10	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	8.9870	10.01	PASS
26(814-824)	10MHz	64QAM	26740	50RB#0	8.9810	9.994	PASS

The figure displays eight Keysight Spectrum Analyzer screenshots arranged in a 4x2 grid. Each screenshot shows a frequency plot with a yellow signal trace and a summary table of measurement results. The top of each screen shows the center frequency, span, resolution bandwidth, and video bandwidth. The bottom section provides detailed metrics including Occupied Bandwidth, Total Power, and various error metrics.

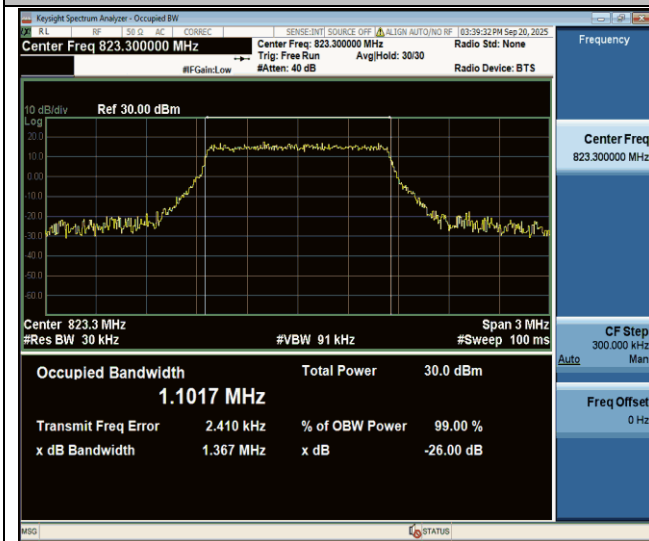
Modulation	Center Freq (MHz)	Span (MHz)	Res BW (kHz)	VBW (kHz)	Sweep (ms)	Occupied Bandwidth (MHz)	Total Power (dBm)	Transmit Freq Error (Hz)	% of OBW Power	x dB Bandwidth (MHz)	x dB
QPSK-26697-6RB#0-PASS	814.700000	3	30	91	100	1.1001	32.0	-236	99.00	1.341	-26.00
16QAM-26697-6RB#0-PASS	814.700000	3	30	91	100	1.1035	31.1	36	99.00	1.364	-26.00
QPSK-26697-6RB#0-PASS	814.700000	3	30	91	100	1.1028	30.0	2.552	99.00	1.362	-26.00
16QAM-26697-6RB#0-PASS	819.000000	3	30	91	100	1.0999	32.0	-864	99.00	1.364	-26.00
QPSK-26740-6RB#0-PASS	819.000000	3	30	91	100	1.1028	31.0	729	99.00	1.369	-26.00
16QAM-26740-6RB#0-PASS	819.000000	3	30	91	100	1.1034	30.1	1.509	99.00	1.359	-26.00
QPSK-26740-6RB#0-PASS	819.000000	3	30	91	100	1.1034	30.1	1.509	99.00	1.359	-26.00
16QAM-26740-6RB#0-PASS	819.000000	3	30	91	100	1.1034	30.1	1.509	99.00	1.359	-26.00



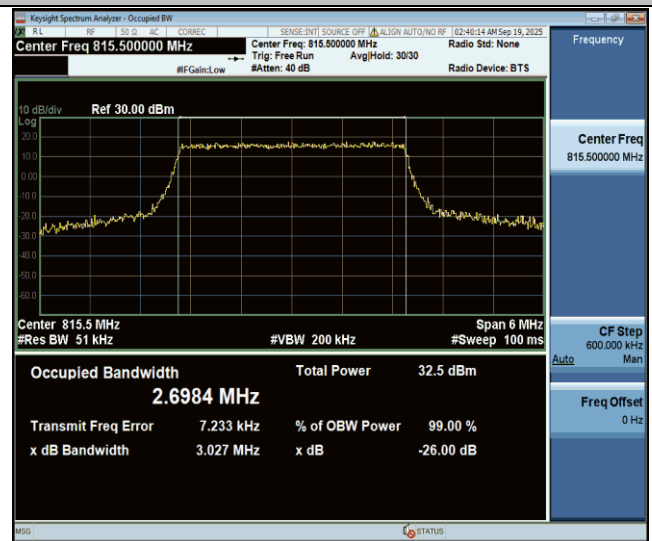
26(814-824)-1.4MHz-QPSK-26783-6RB#0-PASS



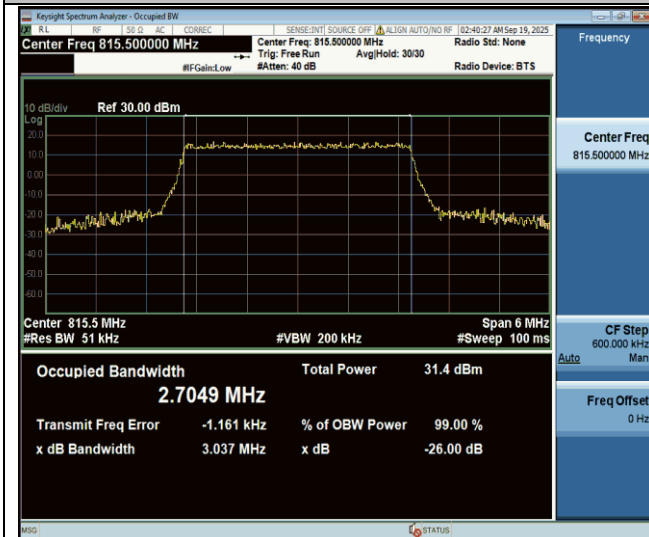
26(814-824)-1.4MHz-16QAM-26783-6RB#0-PASS



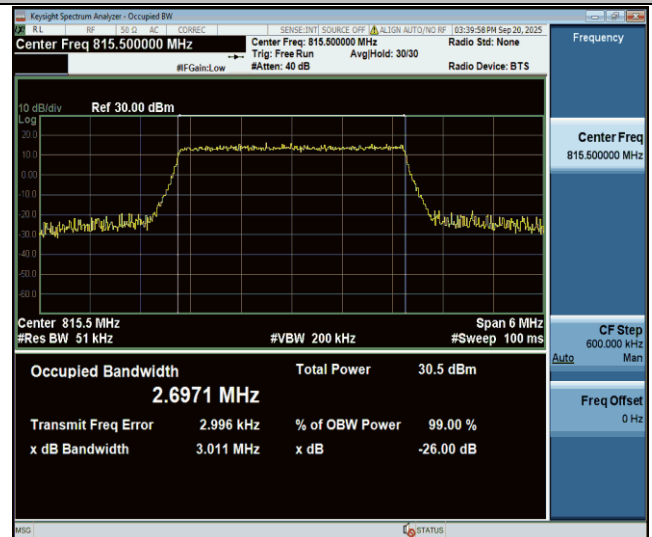
26(814-824)-1.4MHz-64QAM-26783-6RB#0-PASS



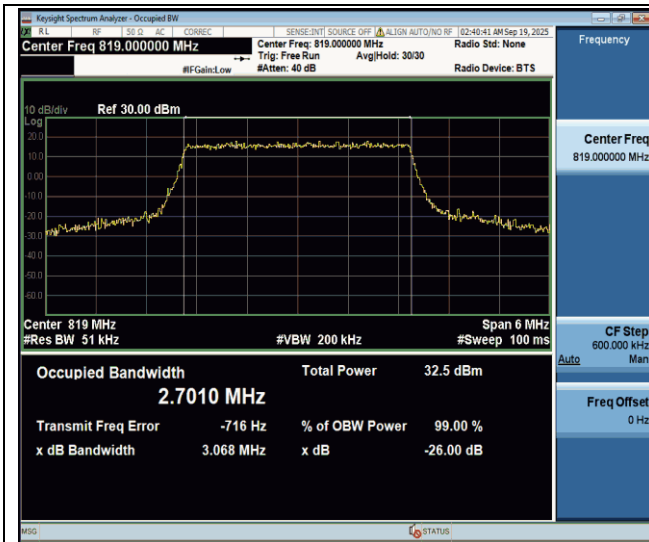
26(814-824)-3MHz-QPSK-26705-15RB#0-PASS



26(814-824)-3MHz-16QAM-26705-15RB#0-PASS



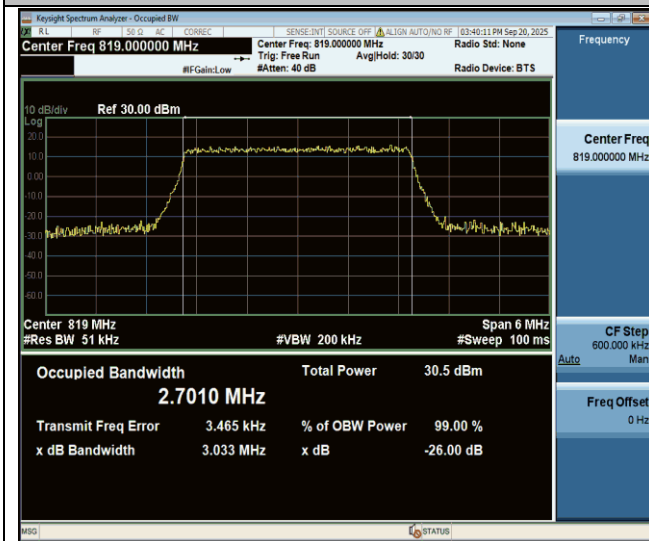
26(814-824)-3MHz-64QAM-26705-15RB#0-PASS



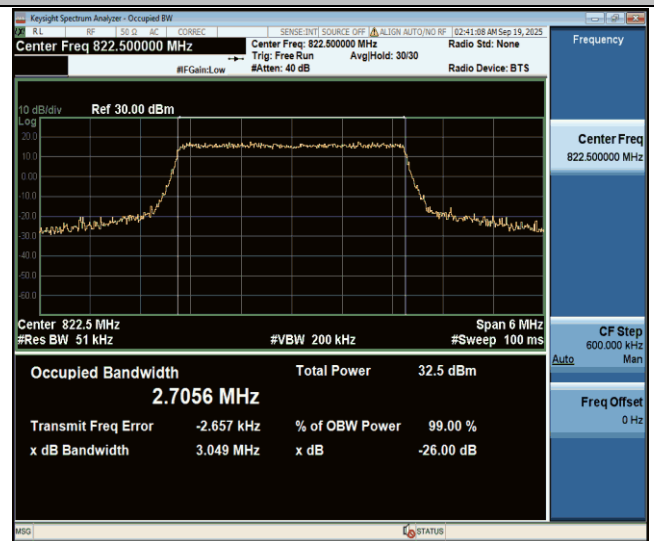
26(814-824)-3MHz-QPSK-26740-15RB#0-PASS



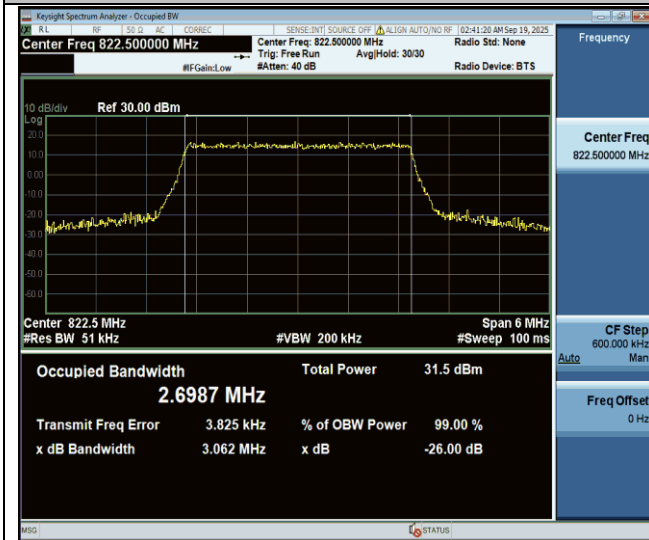
26(814-824)-3MHz-16QAM-26740-15RB#0-PASS



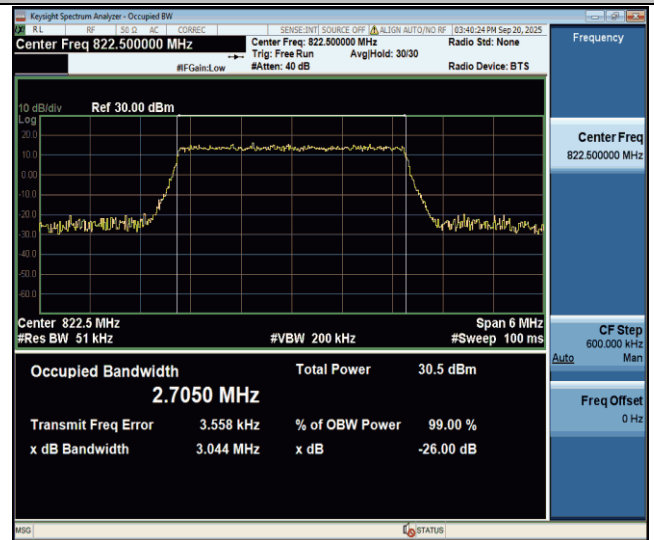
26(814-824)-3MHz-64QAM-26740-15RB#0-PASS



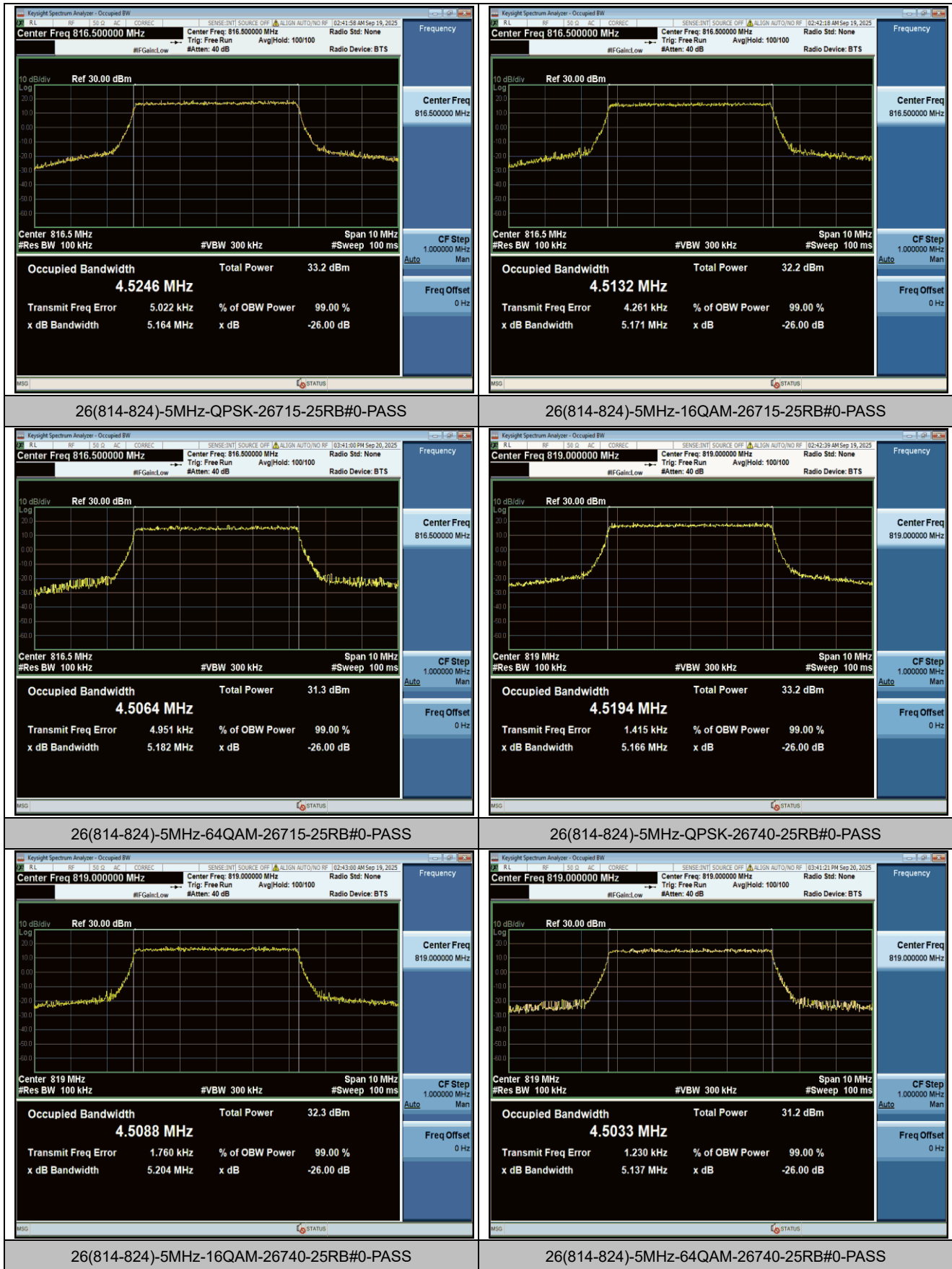
26(814-824)-3MHz-QPSK-26775-15RB#0-PASS

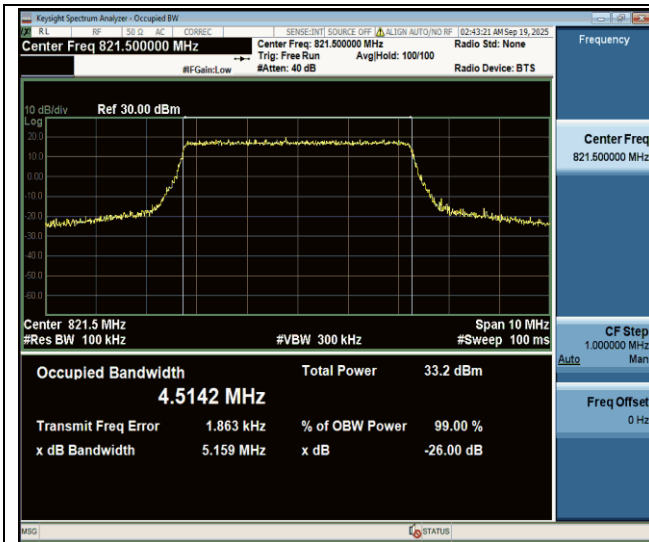


26(814-824)-3MHz-16QAM-26775-15RB#0-PASS



26(814-824)-3MHz-64QAM-26775-15RB#0-PASS





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



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



26(814-824)-5MHz-64QAM-26765-25RB#0-PASS



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



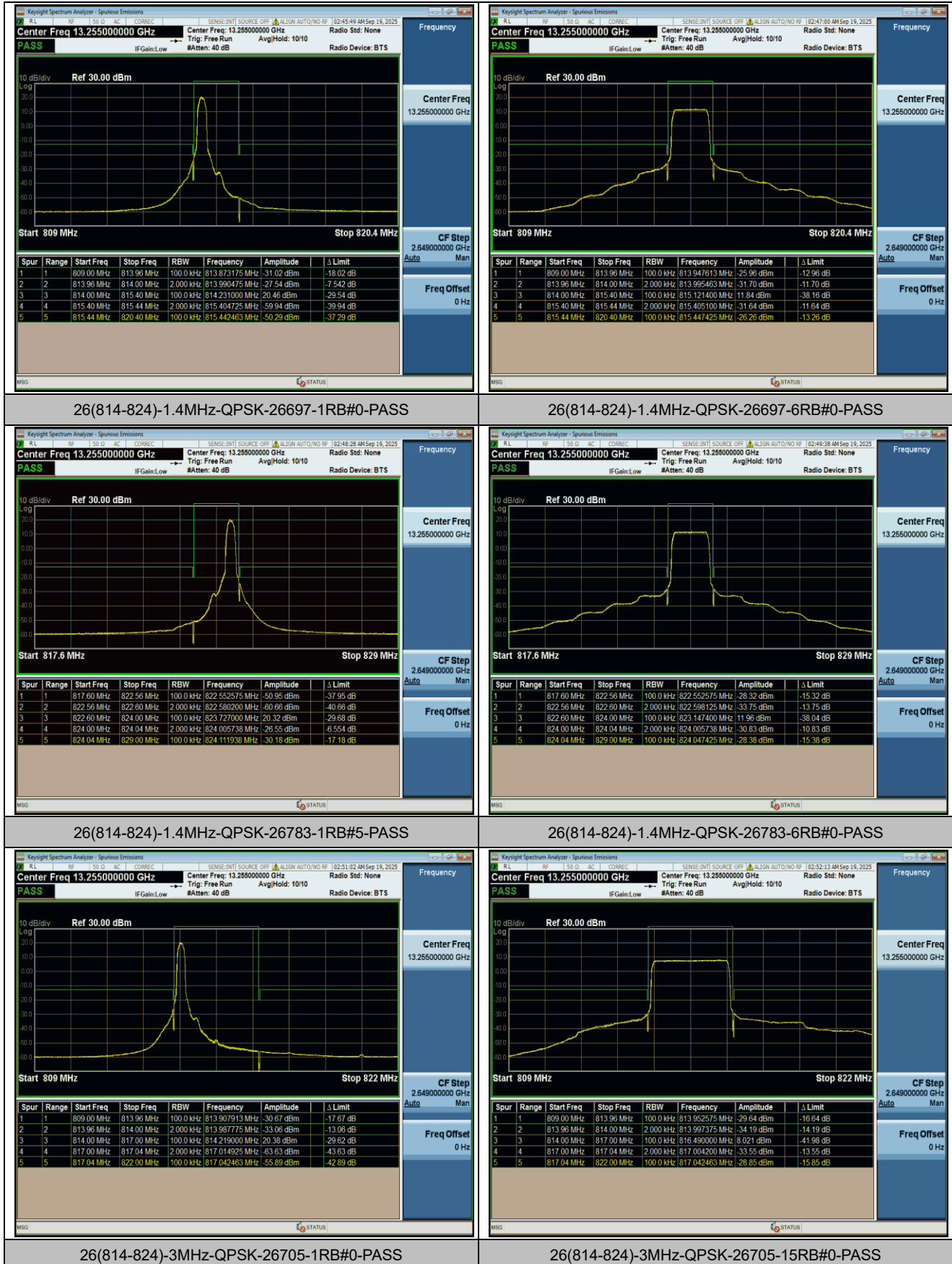
26(814-824)-10MHz-16QAM-26740-50RB#0-PASS

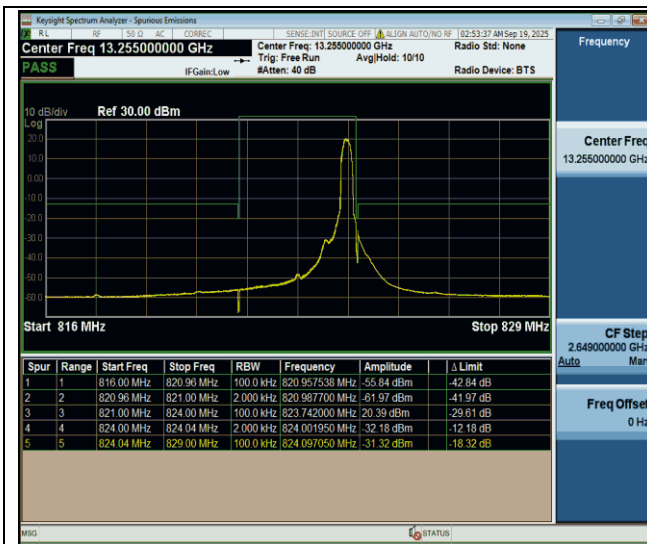


26(814-824)-10MHz-64QAM-26740-50RB#0-PASS

Band Edge

Test Graphs

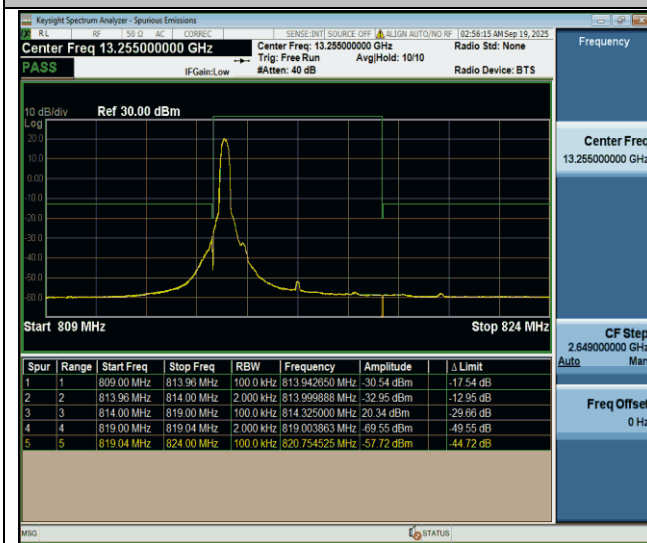




26(814-824)-3MHz-QPSK-26775-1RB#14-PASS



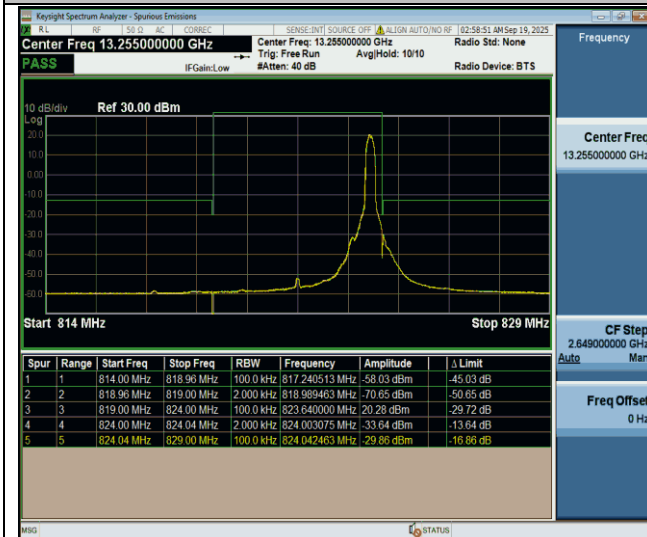
26(814-824)-3MHz-QPSK-26775-15RB#0-PASS



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



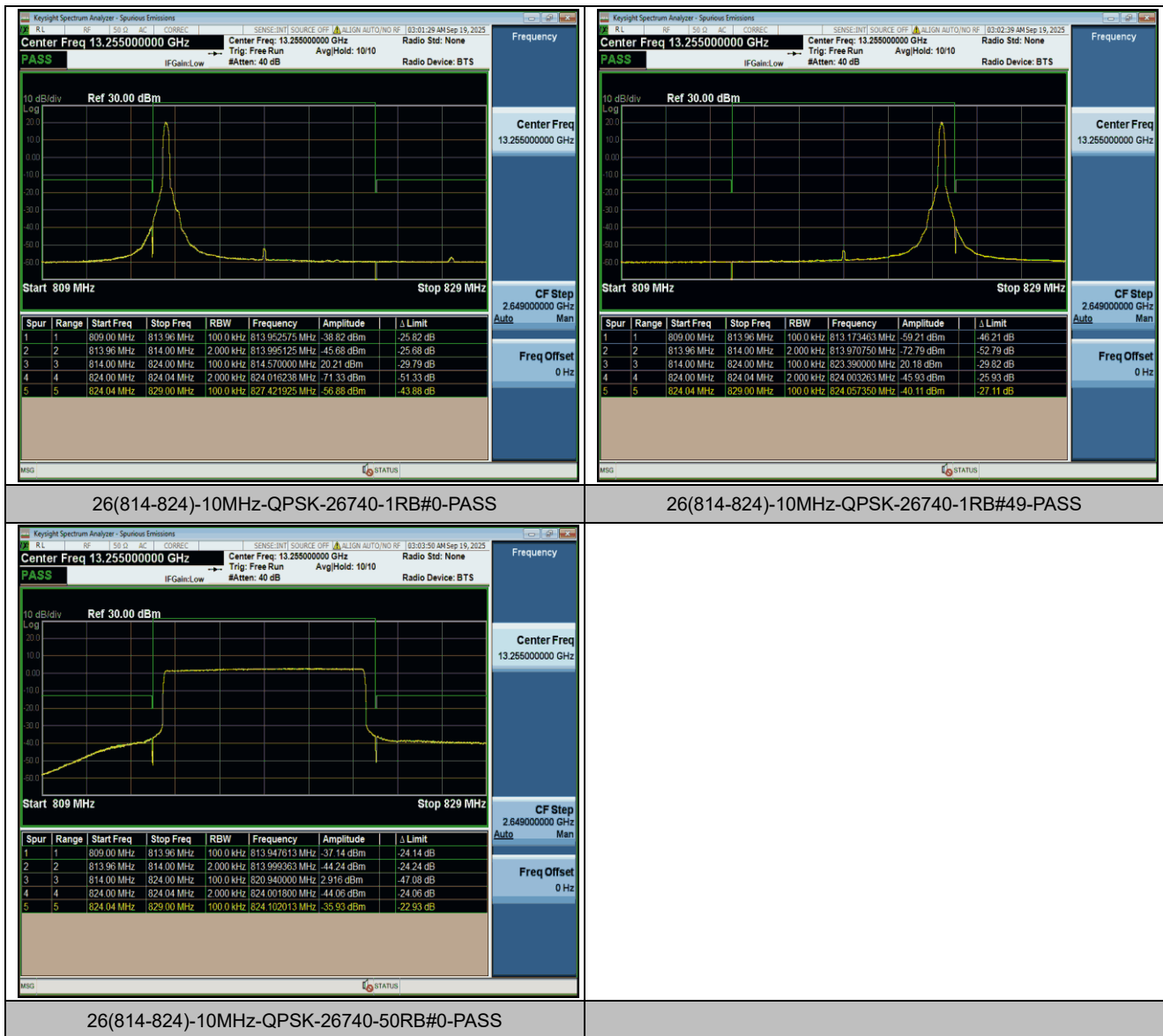
26(814-824)-5MHz-QPSK-26715-25RB#0-PASS



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

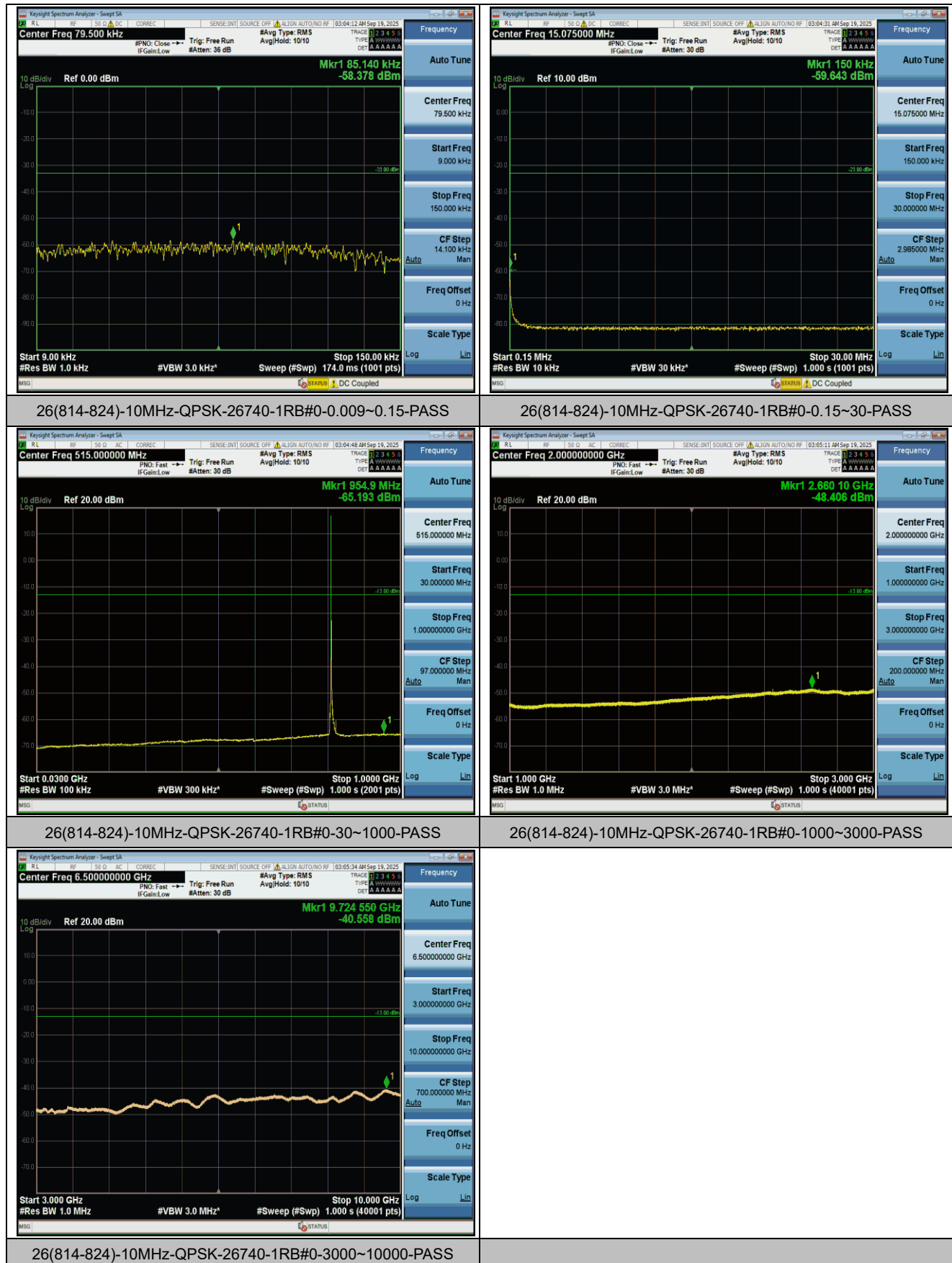


26(814-824)-5MHz-QPSK-26765-25RB#0-PASS



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	-1.90	-0.002320	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	VL	NT	-2.10	-0.002564	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	VH	NT	-2.20	-0.002686	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	-0.70	-0.000855	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	NV	-20	-1.60	-0.001954	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	NV	-10	-1.60	-0.001954	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	NV	0	-2.40	-0.002930	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	NV	10	-1.20	-0.001465	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	NV	20	-1.00	-0.001221	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	NV	30	-1.30	-0.001587	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	NV	40	-0.30	-0.000366	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	NV	50	-1.60	-0.001954	PASS

~The End~