

Appendix-A LTE Band 26(814-824)

Transmitter Conducted Output Power

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Limit (dBm)	Verdict
Band26(814-824)	1.4MHz	QPSK	26697	1RB#0	23.23	50	PASS
Band26(814-824)	1.4MHz	QPSK	26697	1RB#2	23.05	50	PASS
Band26(814-824)	1.4MHz	QPSK	26697	1RB#5	23.29	50	PASS
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	22.37	50	PASS
Band26(814-824)	1.4MHz	16QAM	26697	1RB#0	22.31	50	PASS
Band26(814-824)	1.4MHz	16QAM	26697	1RB#2	22.61	50	PASS
Band26(814-824)	1.4MHz	16QAM	26697	1RB#5	22.48	50	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	21.38	50	PASS
Band26(814-824)	1.4MHz	QPSK	26740	1RB#0	23.01	50	PASS
Band26(814-824)	1.4MHz	QPSK	26740	1RB#2	23.13	50	PASS
Band26(814-824)	1.4MHz	QPSK	26740	1RB#5	23.25	50	PASS
Band26(814-824)	1.4MHz	QPSK	26740	6RB#0	22.47	50	PASS
Band26(814-824)	1.4MHz	16QAM	26740	1RB#0	22.34	50	PASS
Band26(814-824)	1.4MHz	16QAM	26740	1RB#2	22.34	50	PASS
Band26(814-824)	1.4MHz	16QAM	26740	1RB#5	22.16	50	PASS
Band26(814-824)	1.4MHz	16QAM	26740	6RB#0	21.48	50	PASS
Band26(814-824)	1.4MHz	QPSK	26783	1RB#0	23.13	50	PASS
Band26(814-824)	1.4MHz	QPSK	26783	1RB#2	23.28	50	PASS
Band26(814-824)	1.4MHz	QPSK	26783	1RB#5	23.01	50	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	22.4	50	PASS
Band26(814-824)	1.4MHz	16QAM	26783	1RB#0	22.23	50	PASS
Band26(814-824)	1.4MHz	16QAM	26783	1RB#2	22.35	50	PASS
Band26(814-824)	1.4MHz	16QAM	26783	1RB#5	22.34	50	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	21.19	50	PASS
Band26(814-824)	3MHz	QPSK	26705	1RB#0	23.11	50	PASS
Band26(814-824)	3MHz	QPSK	26705	1RB#8	23.18	50	PASS
Band26(814-824)	3MHz	QPSK	26705	1RB#14	23.05	50	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	22.45	50	PASS
Band26(814-824)	3MHz	16QAM	26705	1RB#0	22.33	50	PASS
Band26(814-824)	3MHz	16QAM	26705	1RB#8	22.33	50	PASS
Band26(814-824)	3MHz	16QAM	26705	1RB#14	22.31	50	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	21.33	50	PASS
Band26(814-824)	3MHz	QPSK	26740	1RB#0	23.26	50	PASS
Band26(814-824)	3MHz	QPSK	26740	1RB#8	23.02	50	PASS
Band26(814-824)	3MHz	QPSK	26740	1RB#14	23.28	50	PASS
Band26(814-824)	3MHz	QPSK	26740	15RB#0	22.53	50	PASS
Band26(814-824)	3MHz	16QAM	26740	1RB#0	22.34	50	PASS

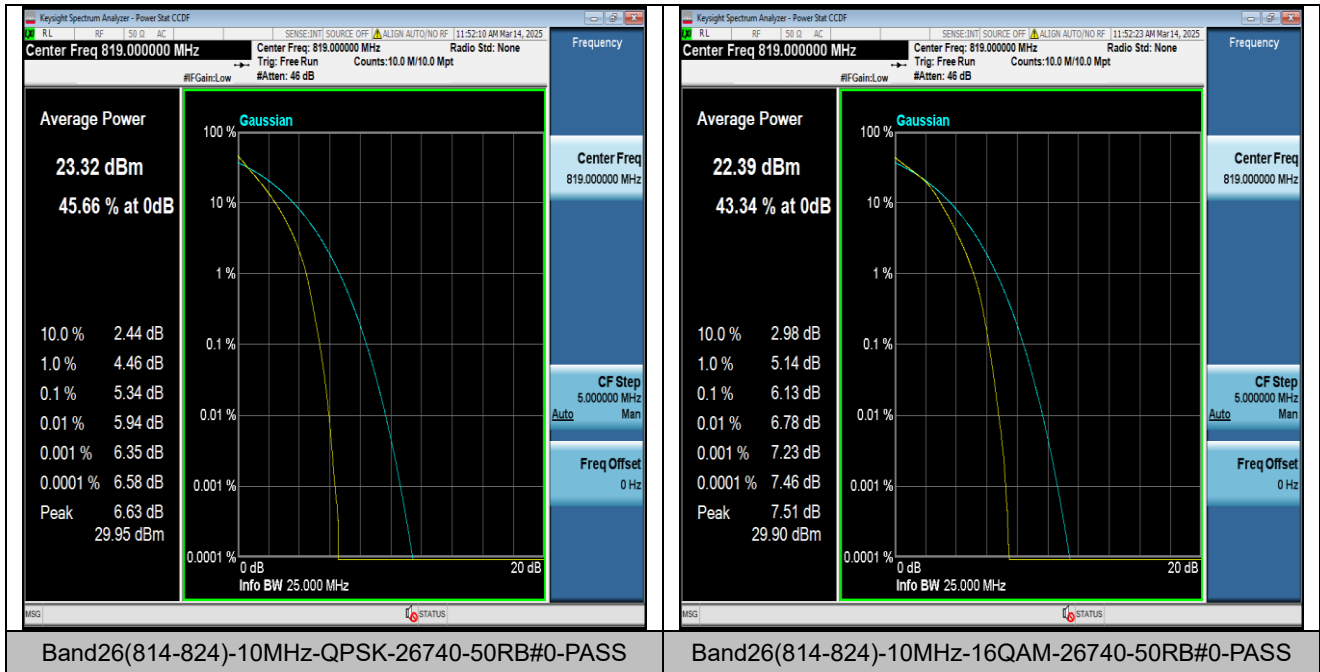
Band26(814-824)	3MHz	16QAM	26740	1RB#8	22.32	50	PASS
Band26(814-824)	3MHz	16QAM	26740	1RB#14	22.23	50	PASS
Band26(814-824)	3MHz	16QAM	26740	15RB#0	21.49	50	PASS
Band26(814-824)	3MHz	QPSK	26775	1RB#0	23.01	50	PASS
Band26(814-824)	3MHz	QPSK	26775	1RB#8	23.06	50	PASS
Band26(814-824)	3MHz	QPSK	26775	1RB#14	23.29	50	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	22.41	50	PASS
Band26(814-824)	3MHz	16QAM	26775	1RB#0	22.49	50	PASS
Band26(814-824)	3MHz	16QAM	26775	1RB#8	22.18	50	PASS
Band26(814-824)	3MHz	16QAM	26775	1RB#14	22.62	50	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	21.38	50	PASS
Band26(814-824)	5MHz	QPSK	26715	1RB#0	23.12	50	PASS
Band26(814-824)	5MHz	QPSK	26715	1RB#12	23.08	50	PASS
Band26(814-824)	5MHz	QPSK	26715	1RB#24	23.22	50	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	22.35	50	PASS
Band26(814-824)	5MHz	16QAM	26715	1RB#0	22.05	50	PASS
Band26(814-824)	5MHz	16QAM	26715	1RB#12	22.19	50	PASS
Band26(814-824)	5MHz	16QAM	26715	1RB#24	22.29	50	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	21.2	50	PASS
Band26(814-824)	5MHz	QPSK	26740	1RB#0	23.01	50	PASS
Band26(814-824)	5MHz	QPSK	26740	1RB#12	23.05	50	PASS
Band26(814-824)	5MHz	QPSK	26740	1RB#24	23.27	50	PASS
Band26(814-824)	5MHz	QPSK	26740	25RB#0	22.43	50	PASS
Band26(814-824)	5MHz	16QAM	26740	1RB#0	22.38	50	PASS
Band26(814-824)	5MHz	16QAM	26740	1RB#12	22.17	50	PASS
Band26(814-824)	5MHz	16QAM	26740	1RB#24	22.23	50	PASS
Band26(814-824)	5MHz	16QAM	26740	25RB#0	21.44	50	PASS
Band26(814-824)	5MHz	QPSK	26765	1RB#0	23.05	50	PASS
Band26(814-824)	5MHz	QPSK	26765	1RB#12	23.21	50	PASS
Band26(814-824)	5MHz	QPSK	26765	1RB#24	23.13	50	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	22.43	50	PASS
Band26(814-824)	5MHz	16QAM	26765	1RB#0	22.34	50	PASS
Band26(814-824)	5MHz	16QAM	26765	1RB#12	22.77	50	PASS
Band26(814-824)	5MHz	16QAM	26765	1RB#24	22.21	50	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	21.39	50	PASS
Band26(814-824)	10MHz	QPSK	26740	1RB#0	23.25	50	PASS
Band26(814-824)	10MHz	QPSK	26740	1RB#24	23.15	50	PASS
Band26(814-824)	10MHz	QPSK	26740	1RB#49	23.03	50	PASS
Band26(814-824)	10MHz	QPSK	26740	50RB#0	22.47	50	PASS
Band26(814-824)	10MHz	16QAM	26740	1RB#0	22.31	50	PASS
Band26(814-824)	10MHz	16QAM	26740	1RB#24	22.34	50	PASS
Band26(814-824)	10MHz	16QAM	26740	1RB#49	22.65	50	PASS
Band26(814-824)	10MHz	16QAM	26740	50RB#0	21.52	50	PASS

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band26(814-824)	10MHz	QPSK	26740	50RB#0	5.34	13	PASS
Band26(814-824)	10MHz	16QAM	26740	50RB#0	6.13	13	PASS

Test Graphs

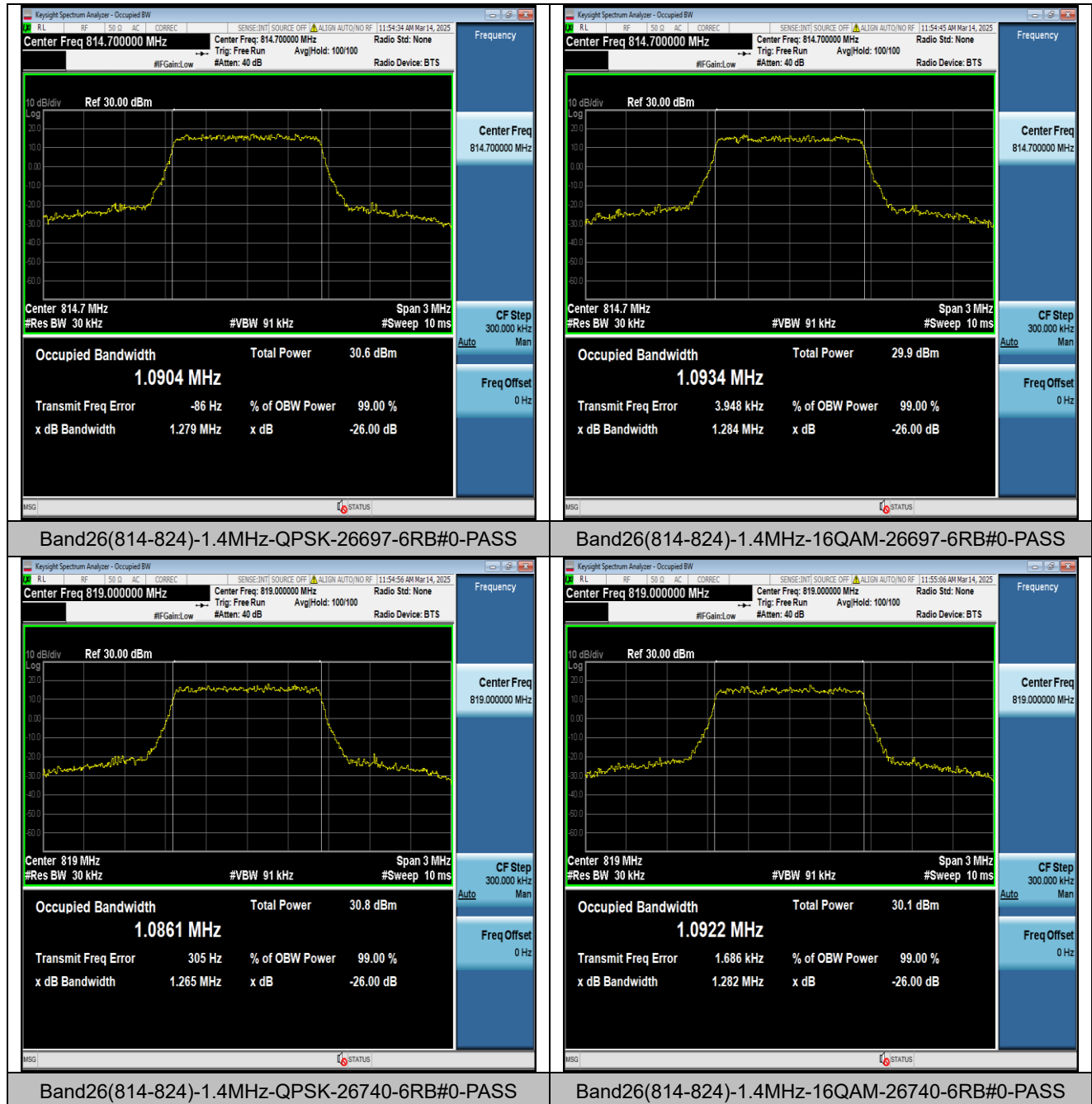


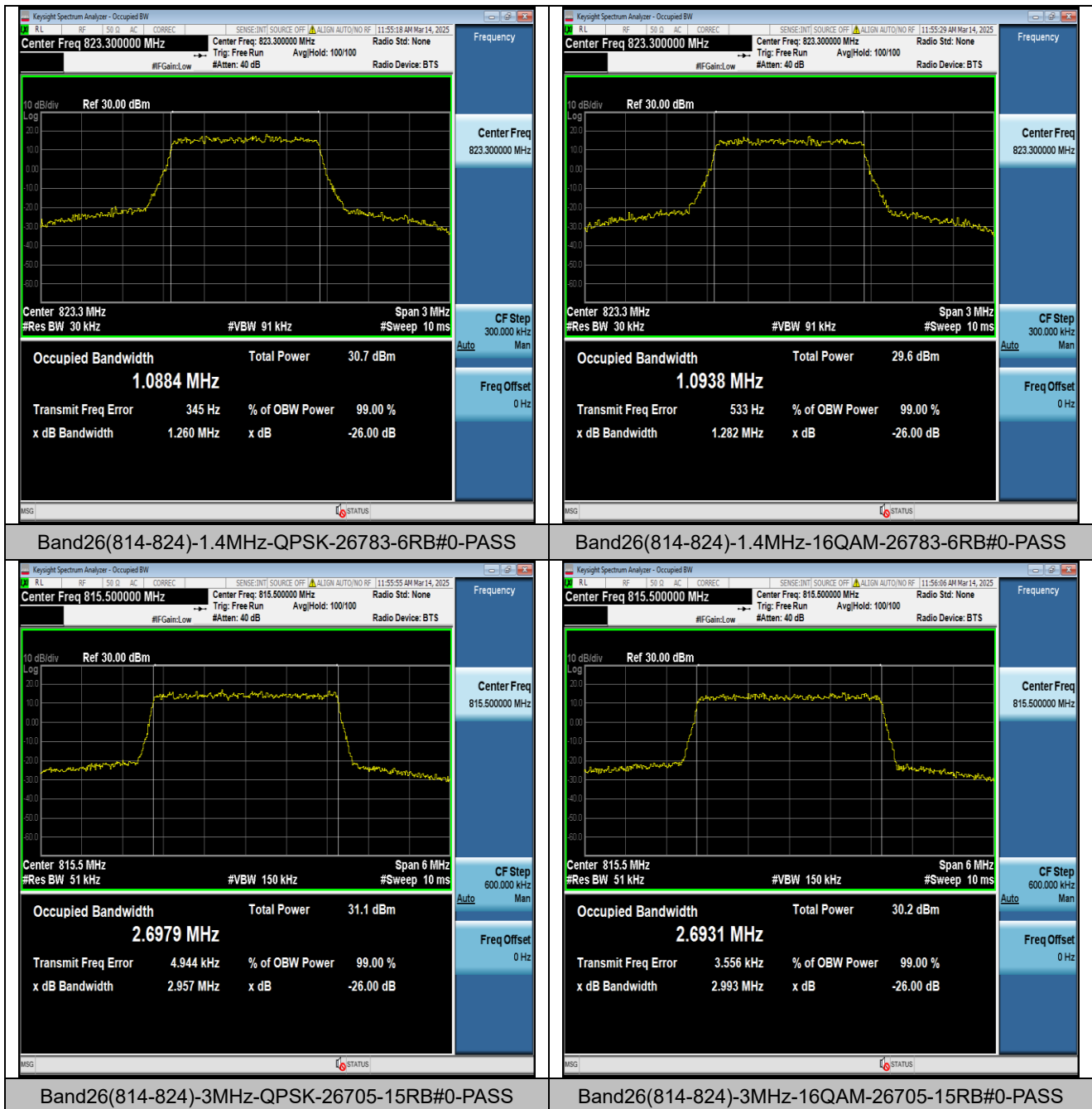
26dB Bandwidth and Occupied Bandwidth

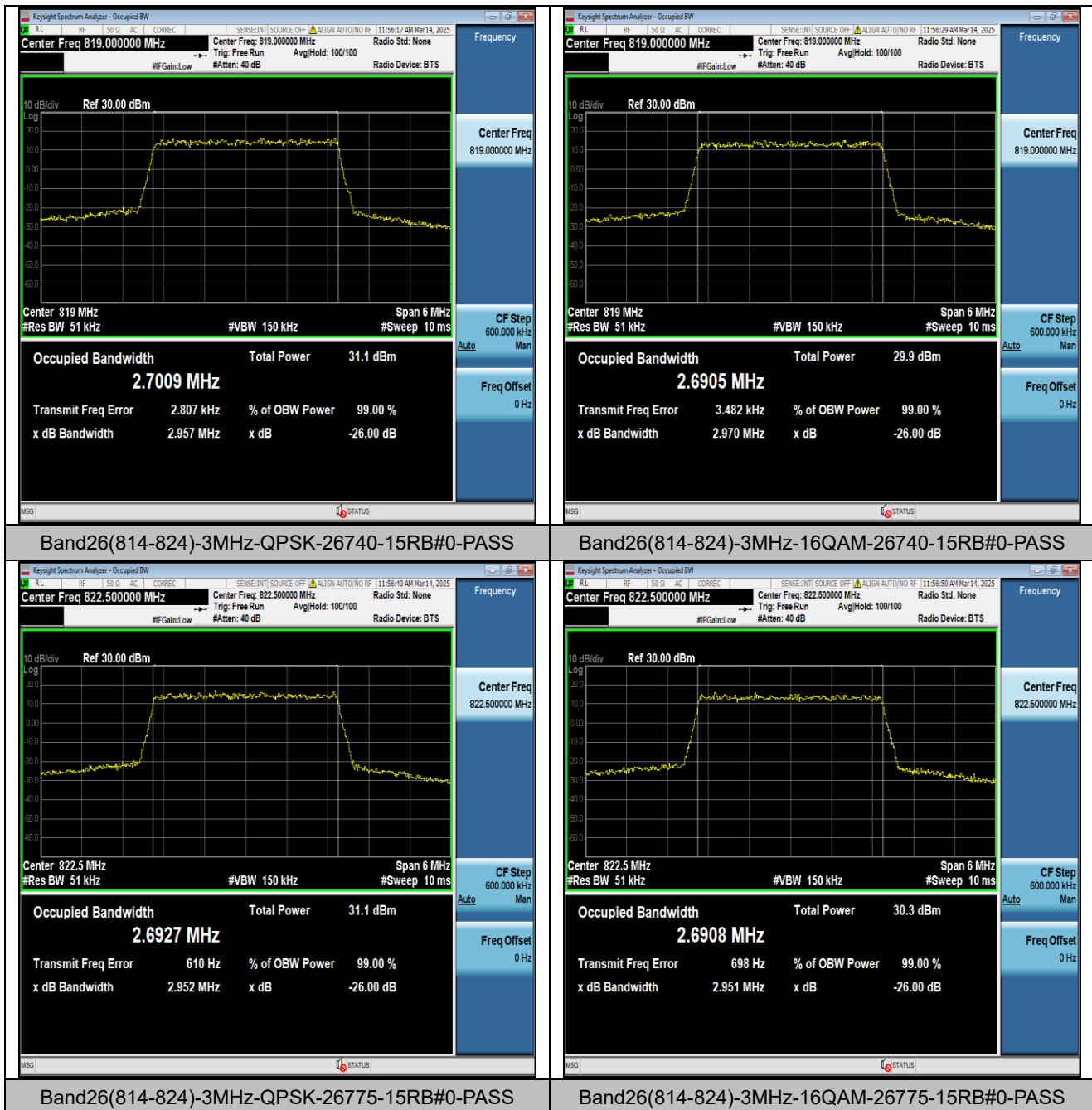
Test Result

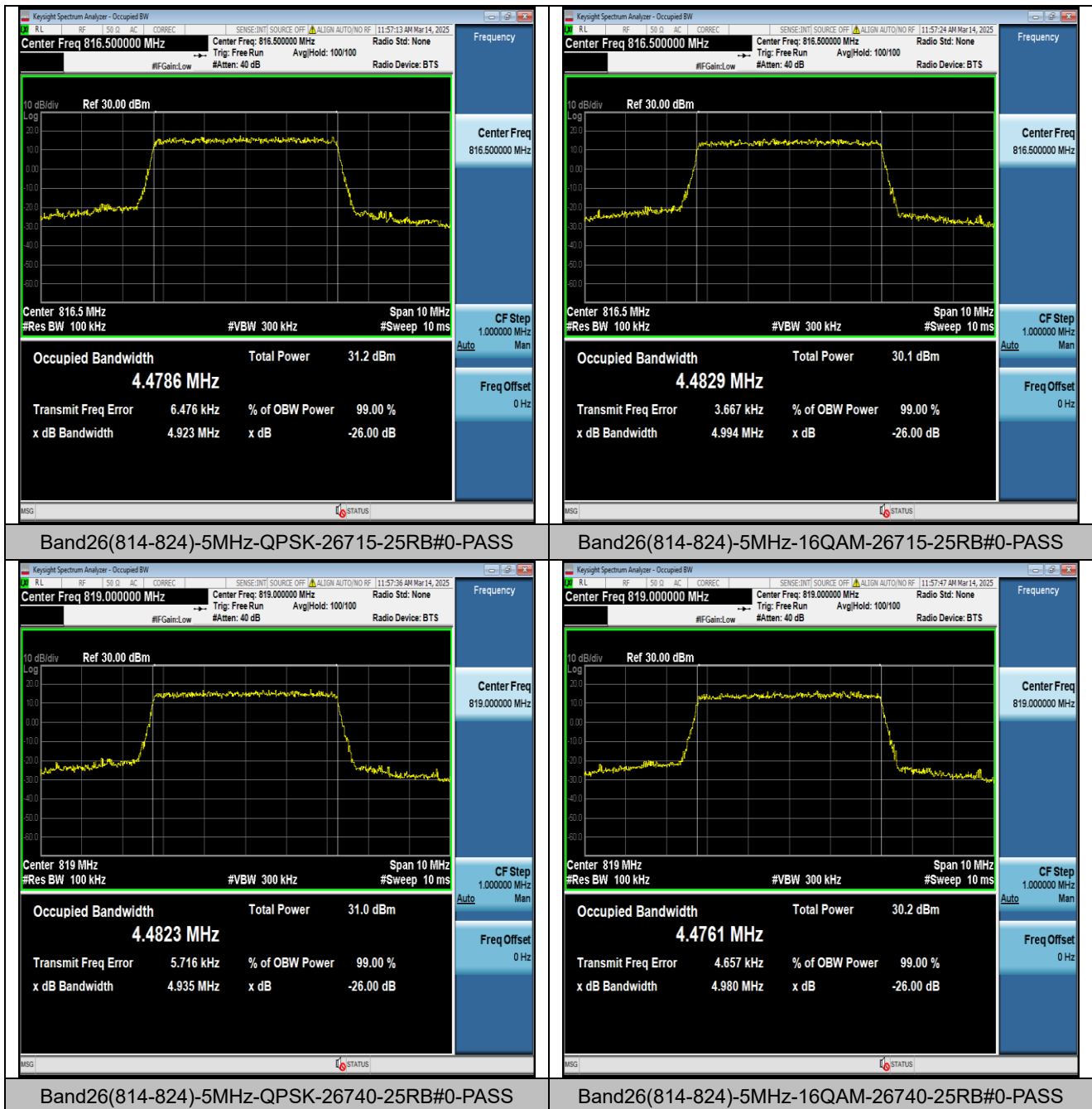
Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	1.0904	1.279	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	1.0934	1.284	PASS
Band26(814-824)	1.4MHz	QPSK	26740	6RB#0	1.0861	1.265	PASS
Band26(814-824)	1.4MHz	16QAM	26740	6RB#0	1.0922	1.282	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	1.0884	1.260	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	1.0938	1.282	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	2.6979	2.957	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	2.6931	2.993	PASS
Band26(814-824)	3MHz	QPSK	26740	15RB#0	2.7009	2.957	PASS
Band26(814-824)	3MHz	16QAM	26740	15RB#0	2.6905	2.970	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	2.6927	2.952	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	2.6908	2.951	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	4.4786	4.923	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	4.4829	4.994	PASS
Band26(814-824)	5MHz	QPSK	26740	25RB#0	4.4823	4.935	PASS
Band26(814-824)	5MHz	16QAM	26740	25RB#0	4.4761	4.980	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	4.4910	4.942	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	4.4837	4.894	PASS
Band26(814-824)	10MHz	QPSK	26740	50RB#0	8.9788	9.857	PASS
Band26(814-824)	10MHz	16QAM	26740	50RB#0	8.9563	9.744	PASS

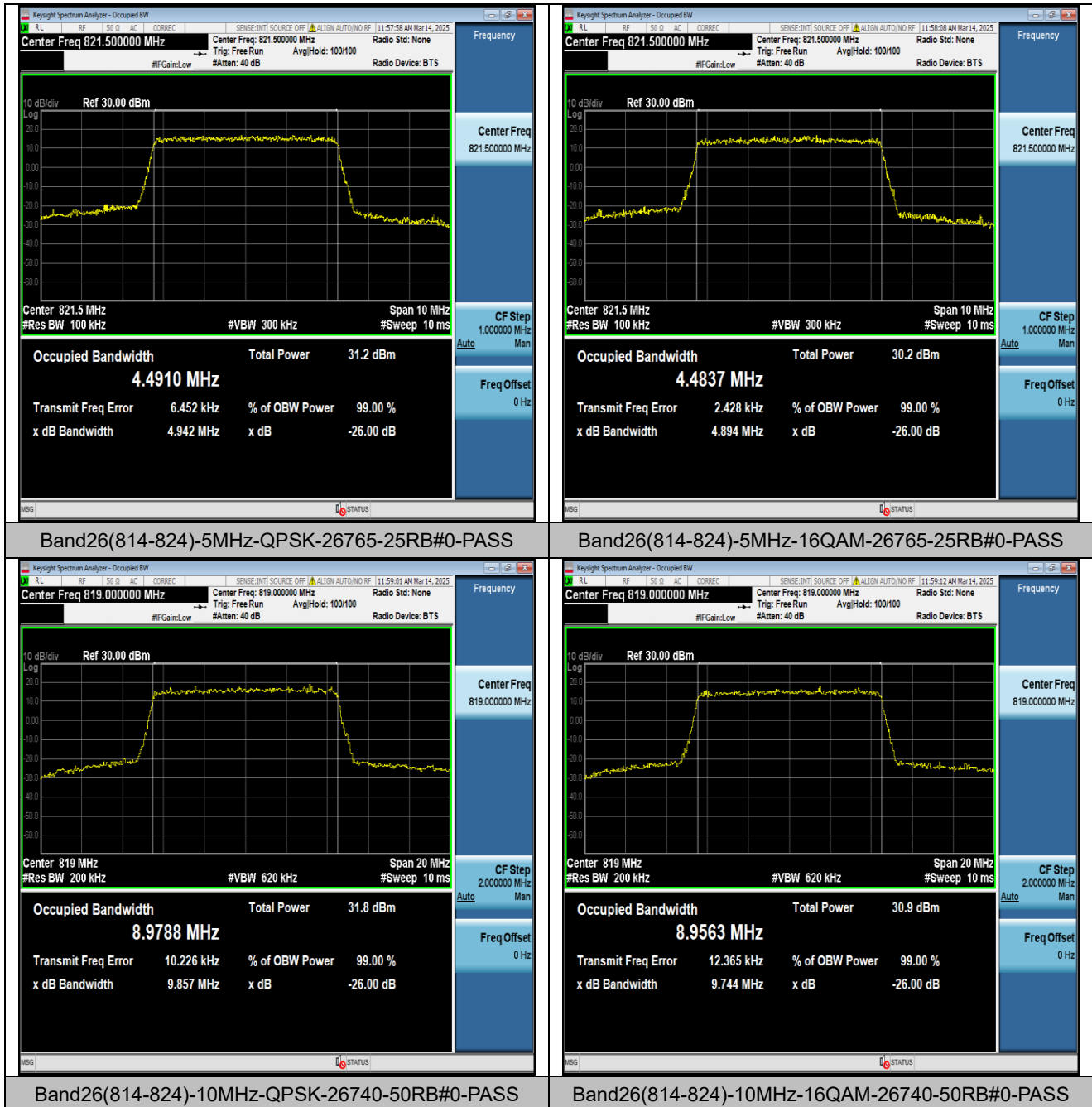
Test Graphs





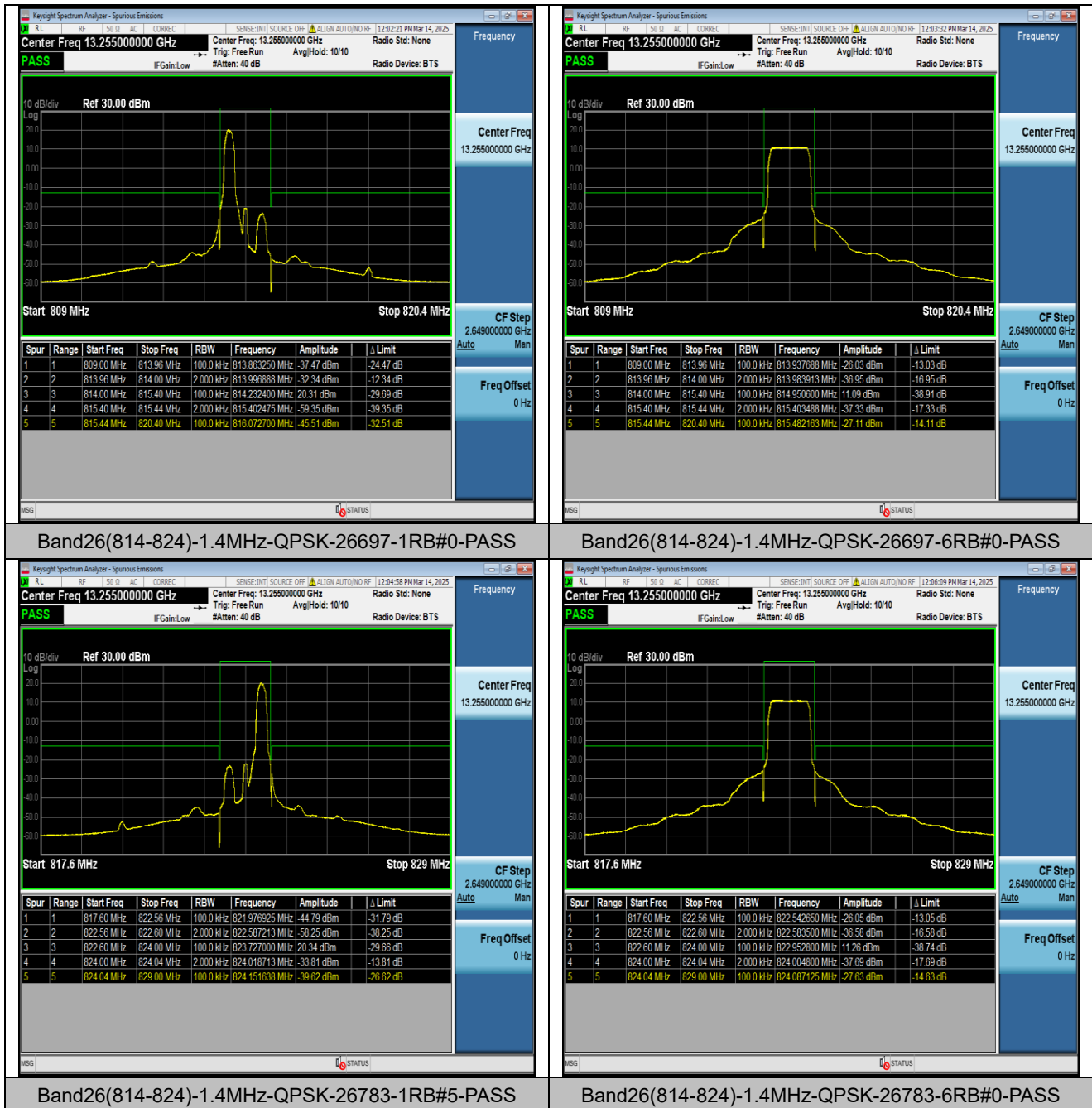


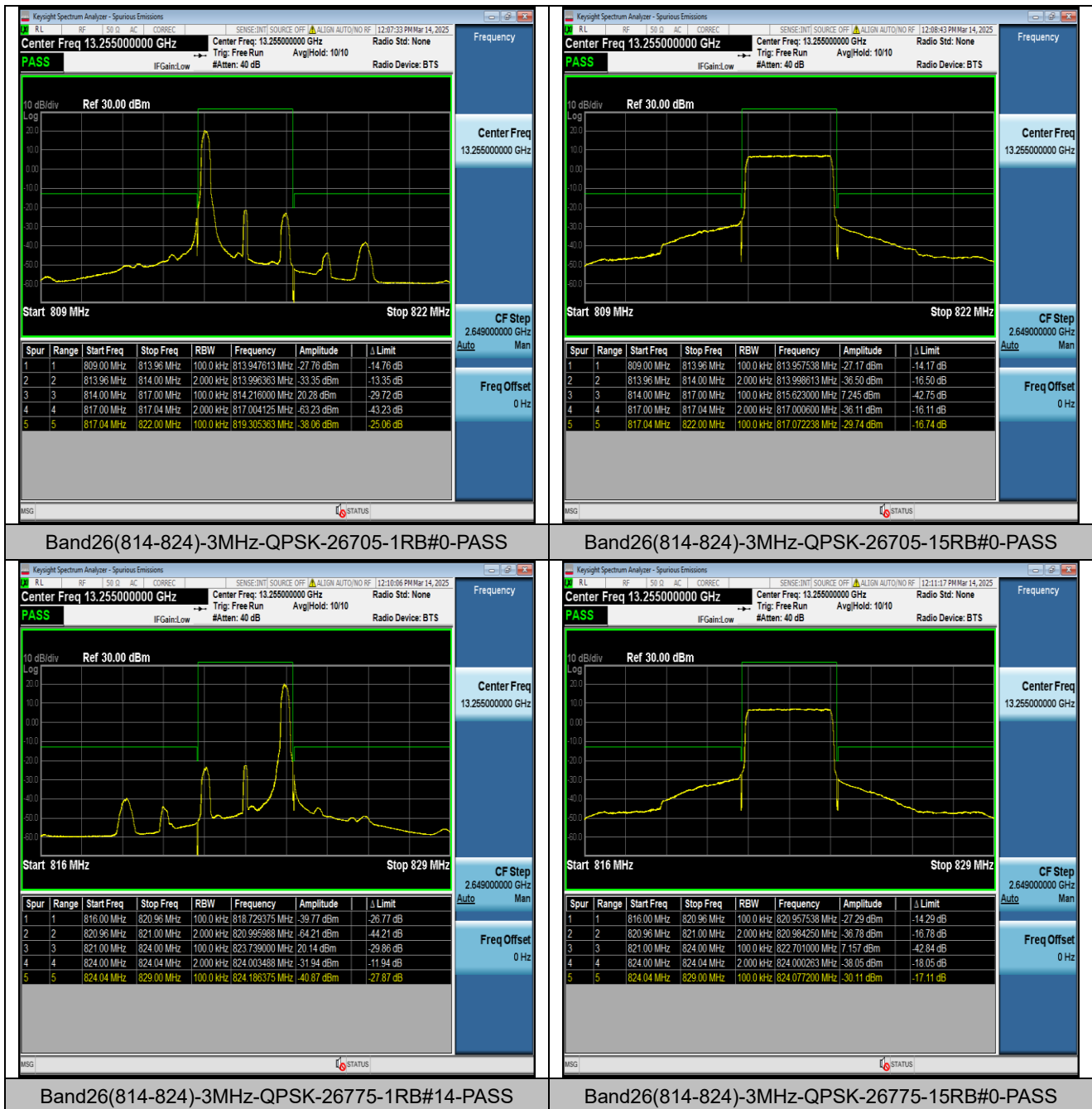


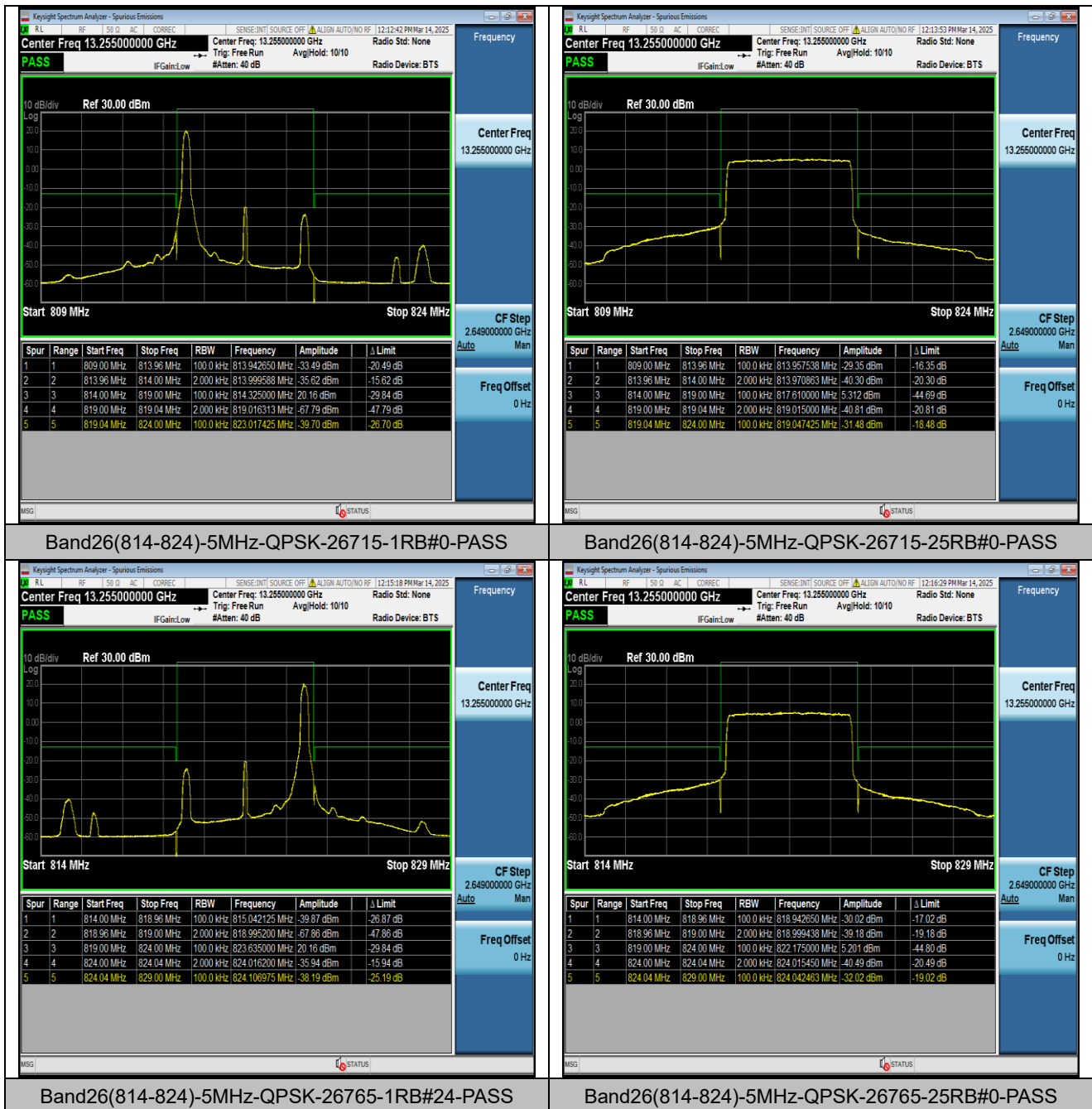


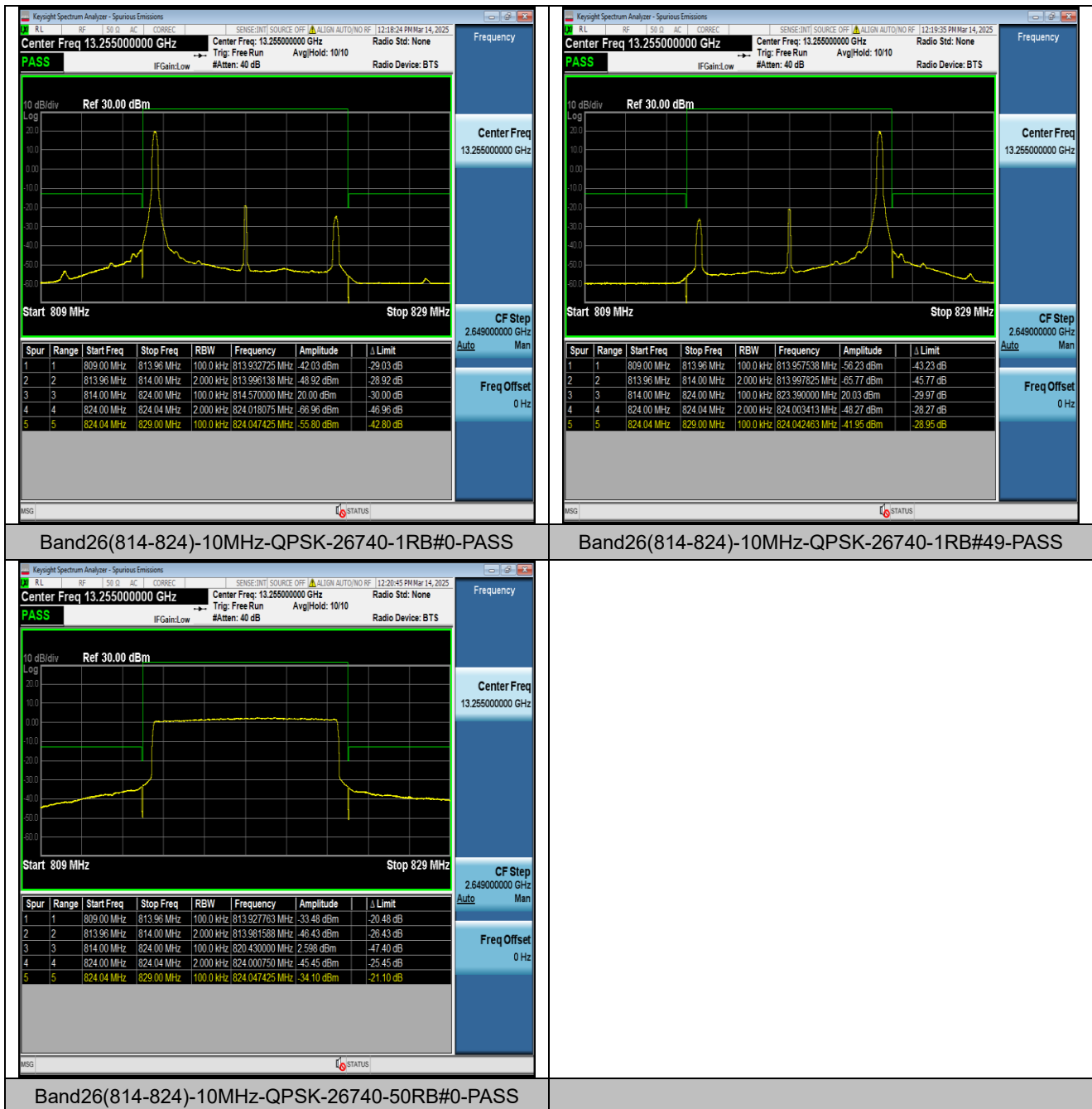
Band Edge

Test Graphs



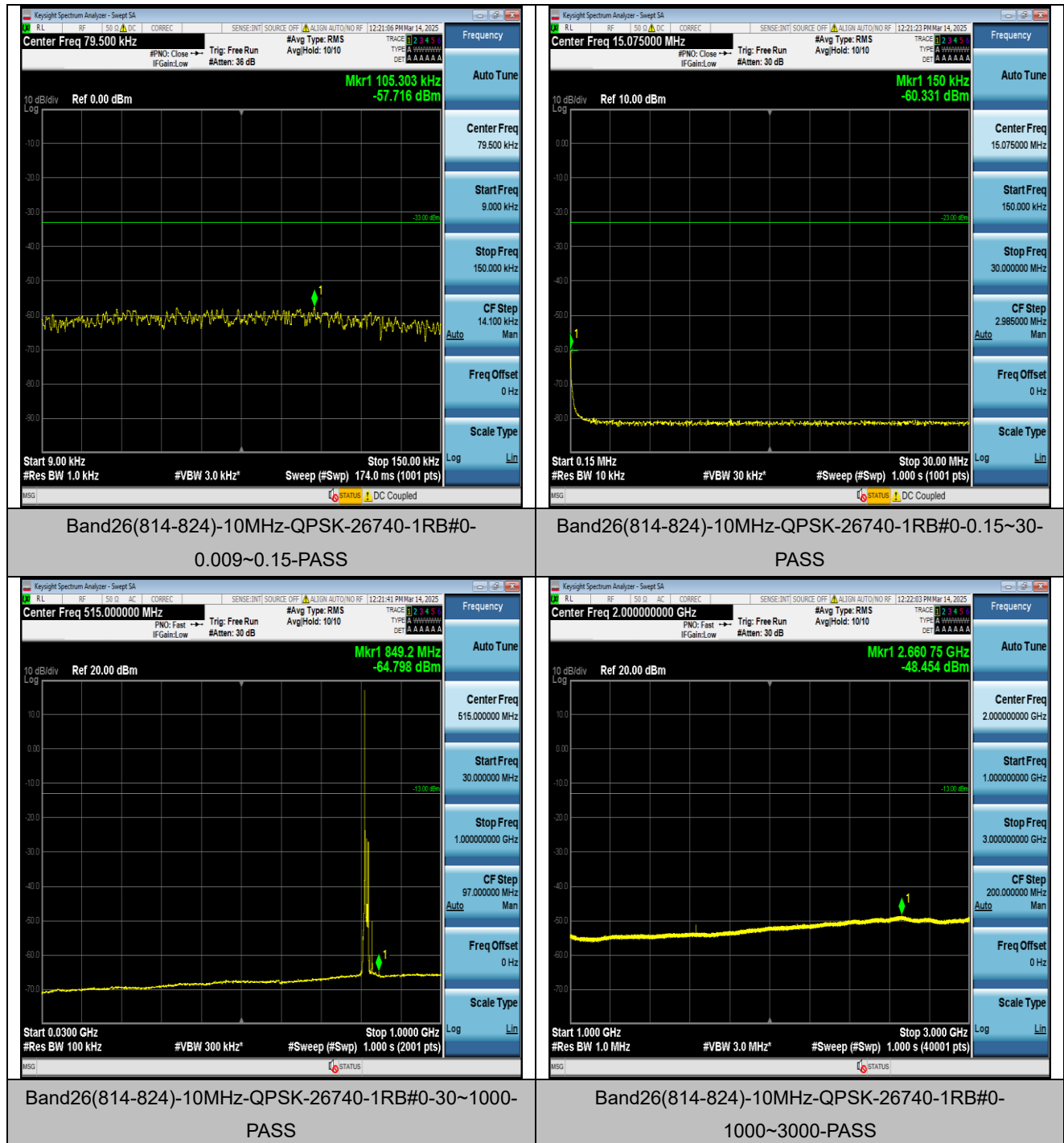


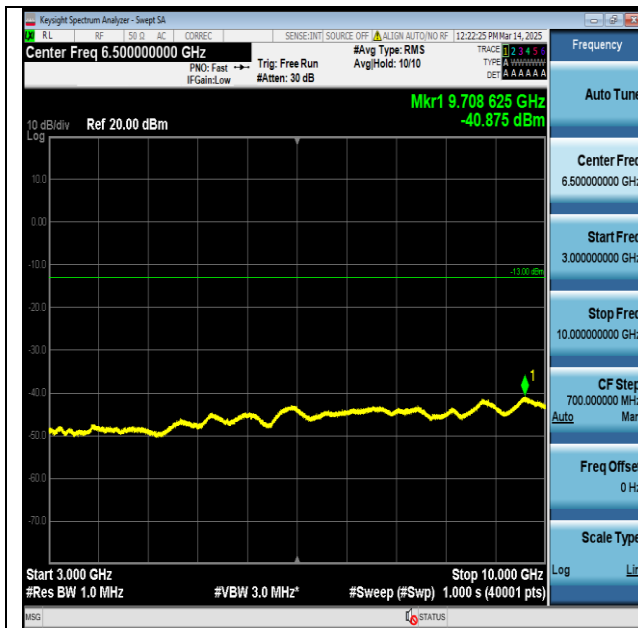




Conducted Spurious Emission

Test Graphs





Band26(814-824)-10MHz-QPSK-26740-1RB#0-
3000~10000-PASS

Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band26(814-824)	10MHz	QPSK	26740	100RB#0	VN	NT	-1.30	-0.001587	PASS
Band26(814-824)	10MHz	QPSK	26740	100RB#0	VL	NT	-1.20	-0.001465	PASS
Band26(814-824)	10MHz	QPSK	26740	100RB#0	VH	NT	0.40	0.000488	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band26(814-824)	10MHz	QPSK	26740	100RB#0	NV	-30	0.20	0.000244	PASS
Band26(814-824)	10MHz	QPSK	26740	100RB#0	NV	-20	0.10	0.000122	PASS
Band26(814-824)	10MHz	QPSK	26740	100RB#0	NV	-10	0.60	0.000733	PASS
Band26(814-824)	10MHz	QPSK	26740	100RB#0	NV	0	-1.20	-0.001465	PASS
Band26(814-824)	10MHz	QPSK	26740	100RB#0	NV	10	0.10	0.000122	PASS
Band26(814-824)	10MHz	QPSK	26740	100RB#0	NV	20	-0.70	-0.000855	PASS
Band26(814-824)	10MHz	QPSK	26740	100RB#0	NV	30	-0.40	-0.000488	PASS
Band26(814-824)	10MHz	QPSK	26740	100RB#0	NV	40	-1.40	-0.001709	PASS
Band26(814-824)	10MHz	QPSK	26740	100RB#0	NV	50	-1.10	-0.001343	PASS

~The End~