

Appendix-A LTE Band 14

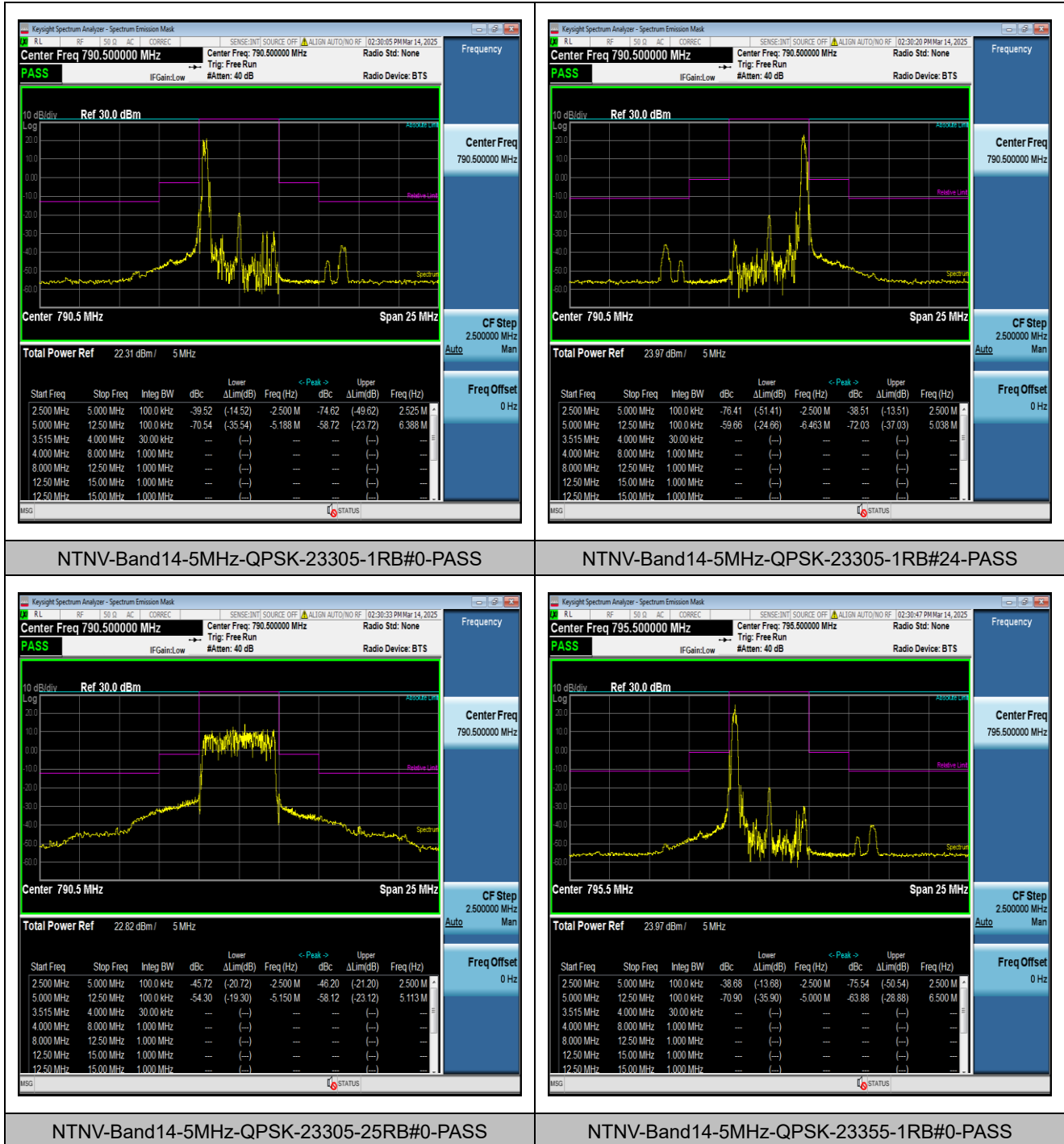
Effective (Isotropic) Radiated Power Output Data

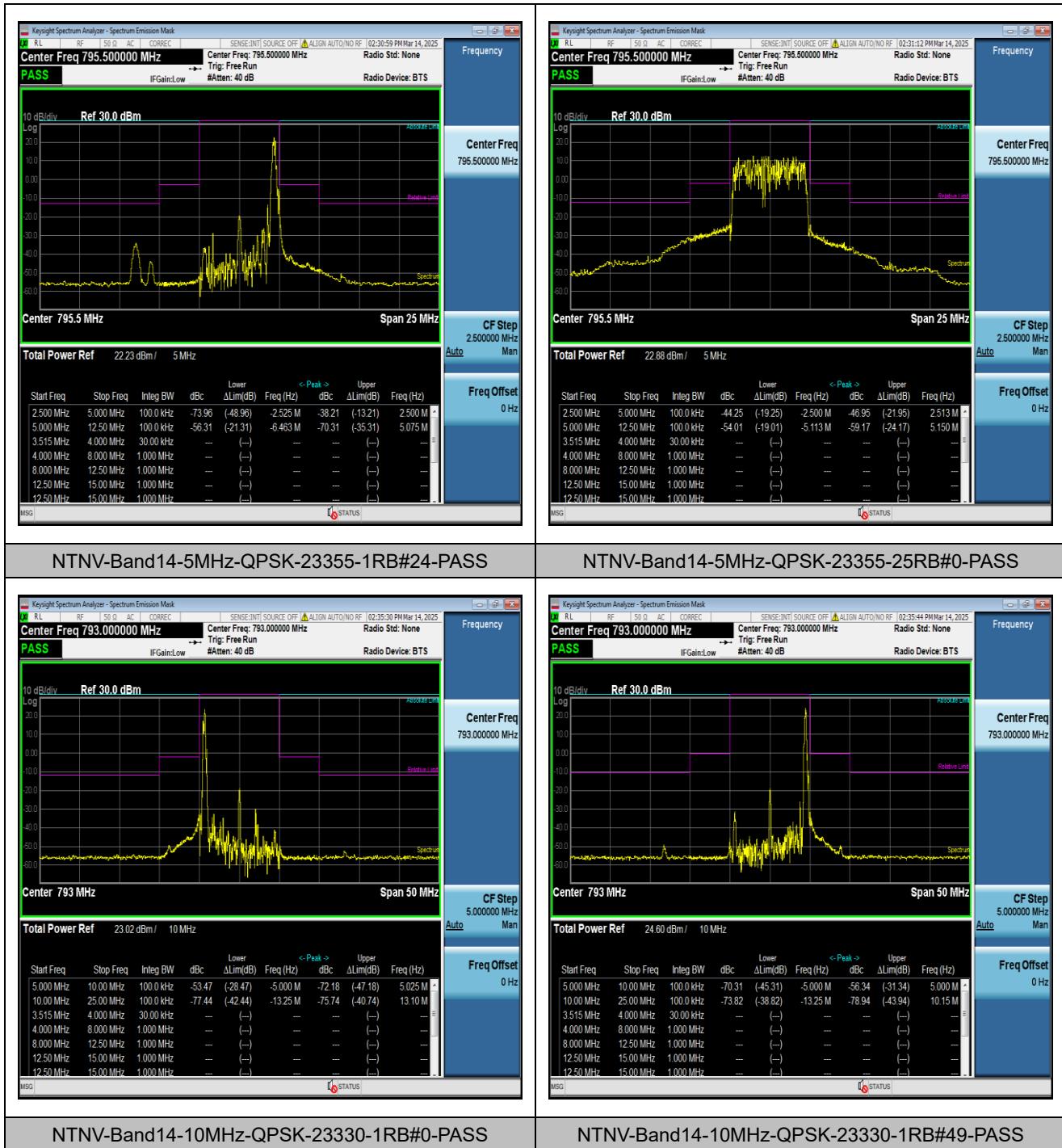
Test Result

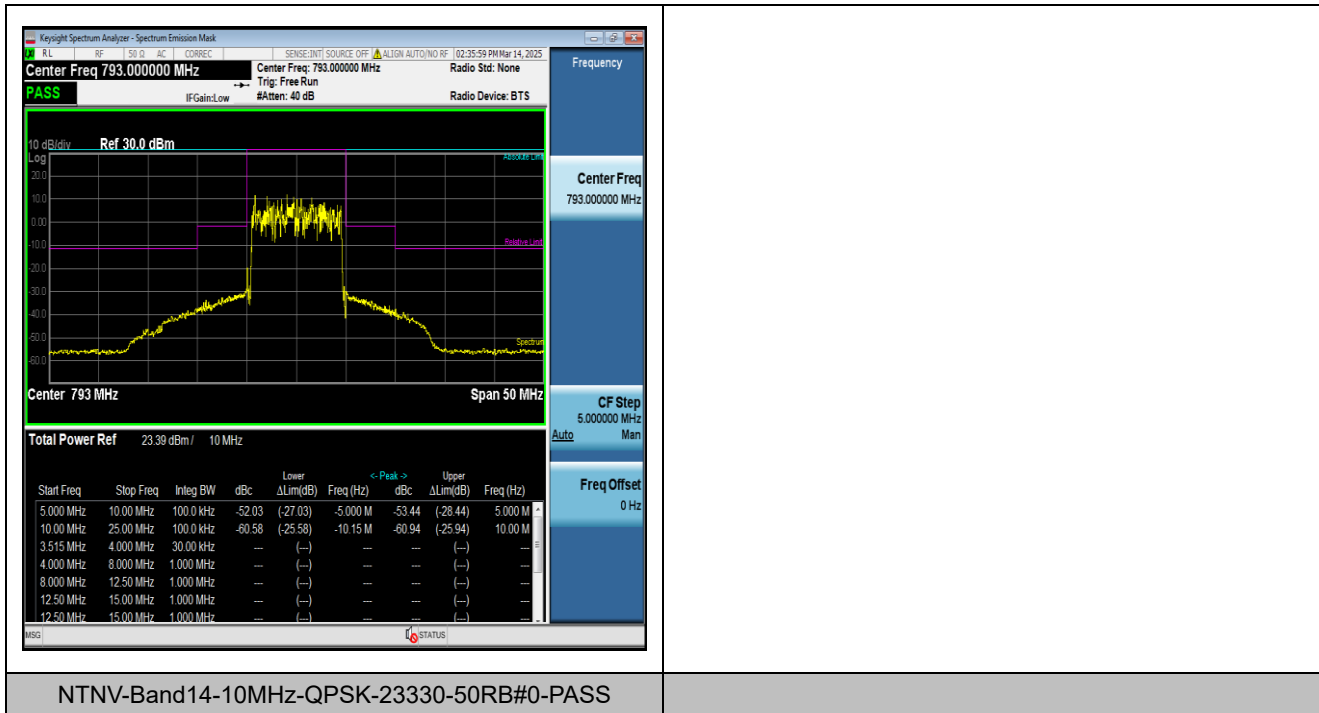
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band14	5MHz	QPSK	23305	1RB#0	23.13	20.48	34.77	PASS
Band14	5MHz	QPSK	23305	1RB#12	23.24	20.59	34.77	PASS
Band14	5MHz	QPSK	23305	1RB#24	23.01	20.36	34.77	PASS
Band14	5MHz	QPSK	23305	25RB#0	22.55	19.9	34.77	PASS
Band14	5MHz	16QAM	23305	1RB#0	22.69	20.04	34.77	PASS
Band14	5MHz	16QAM	23305	1RB#12	23.22	20.57	34.77	PASS
Band14	5MHz	16QAM	23305	1RB#24	22.44	19.79	34.77	PASS
Band14	5MHz	16QAM	23305	25RB#0	21.43	18.78	34.77	PASS
Band14	5MHz	QPSK	23330	1RB#0	23.06	20.41	34.77	PASS
Band14	5MHz	QPSK	23330	1RB#12	23.15	20.5	34.77	PASS
Band14	5MHz	QPSK	23330	1RB#24	23.04	20.39	34.77	PASS
Band14	5MHz	QPSK	23330	25RB#0	22.37	19.72	34.77	PASS
Band14	5MHz	16QAM	23330	1RB#0	22.37	19.72	34.77	PASS
Band14	5MHz	16QAM	23330	1RB#12	22.7	20.05	34.77	PASS
Band14	5MHz	16QAM	23330	1RB#24	22.29	19.64	34.77	PASS
Band14	5MHz	16QAM	23330	25RB#0	21.42	18.77	34.77	PASS
Band14	5MHz	QPSK	23355	1RB#0	23.02	20.37	34.77	PASS
Band14	5MHz	QPSK	23355	1RB#12	23.02	20.37	34.77	PASS
Band14	5MHz	QPSK	23355	1RB#24	22.95	20.3	34.77	PASS
Band14	5MHz	QPSK	23355	25RB#0	22.4	19.75	34.77	PASS
Band14	5MHz	16QAM	23355	1RB#0	22.43	19.78	34.77	PASS
Band14	5MHz	16QAM	23355	1RB#12	22.21	19.56	34.77	PASS
Band14	5MHz	16QAM	23355	1RB#24	22.23	19.58	34.77	PASS
Band14	5MHz	16QAM	23355	25RB#0	21.14	18.49	34.77	PASS
Band14	10MHz	QPSK	23330	1RB#0	22.99	20.34	34.77	PASS
Band14	10MHz	QPSK	23330	1RB#24	23.03	20.38	34.77	PASS
Band14	10MHz	QPSK	23330	1RB#49	23.01	20.36	34.77	PASS
Band14	10MHz	QPSK	23330	50RB#0	22.36	19.71	34.77	PASS
Band14	10MHz	16QAM	23330	1RB#0	22.33	19.68	34.77	PASS
Band14	10MHz	16QAM	23330	1RB#24	22.48	19.83	34.77	PASS
Band14	10MHz	16QAM	23330	1RB#49	22.15	19.5	34.77	PASS
Band14	10MHz	16QAM	23330	50RB#0	21.18	18.53	34.77	PASS

Spectrum_emission_mask

Test Graphs





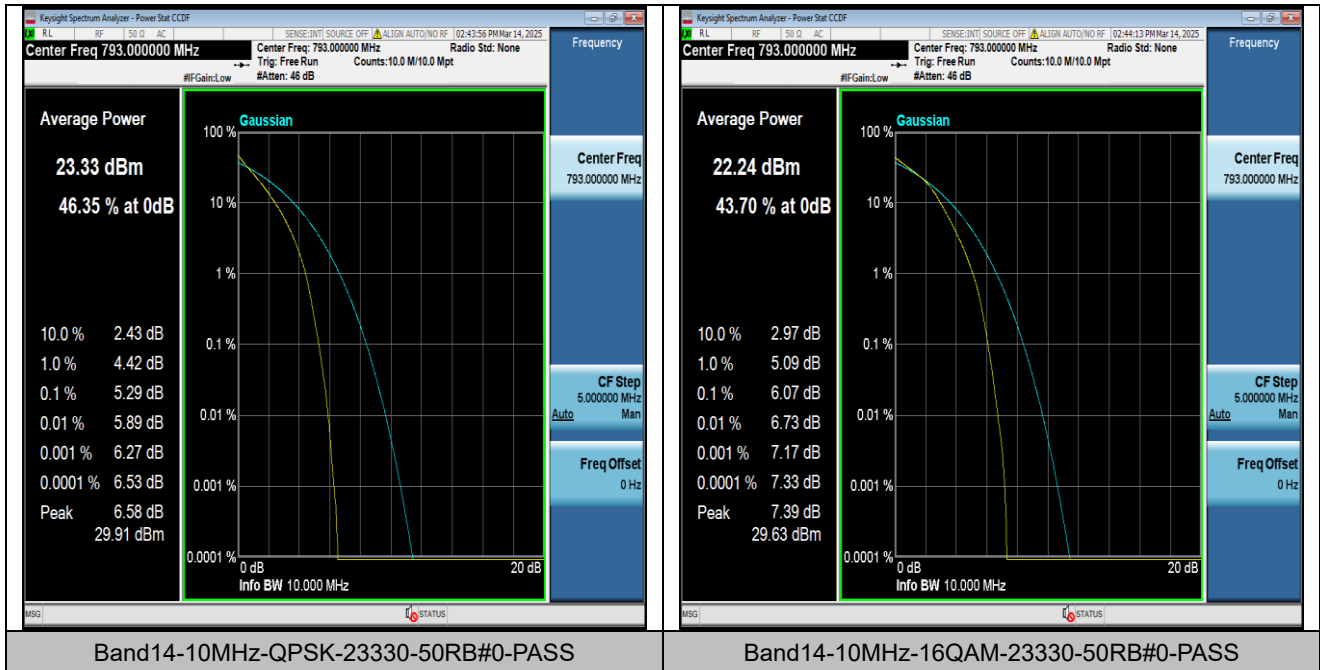


Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band14	10MHz	QPSK	23330	50RB#0	5.29	13	PASS
Band14	10MHz	16QAM	23330	50RB#0	6.07	13	PASS

Test Graphs

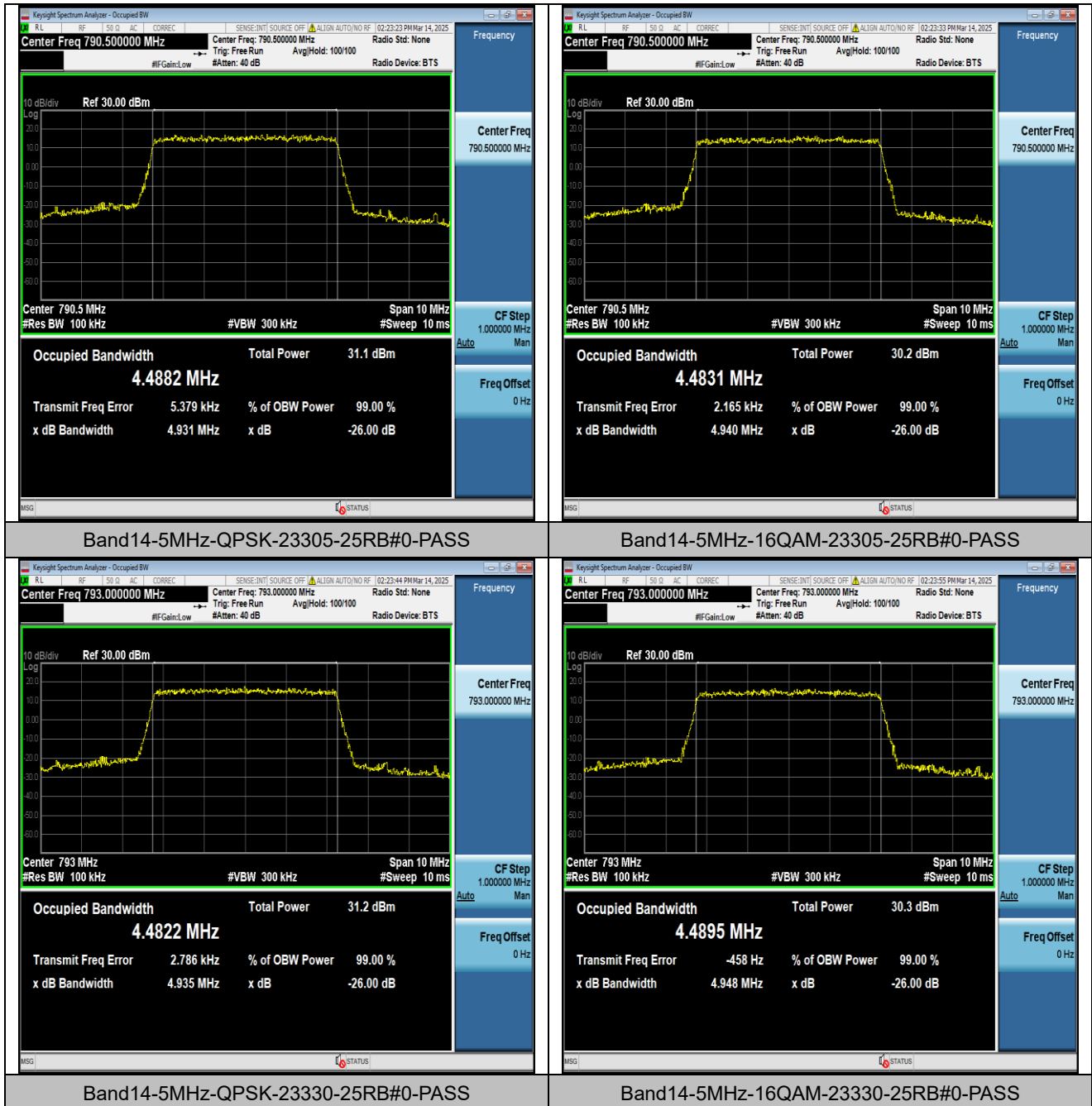


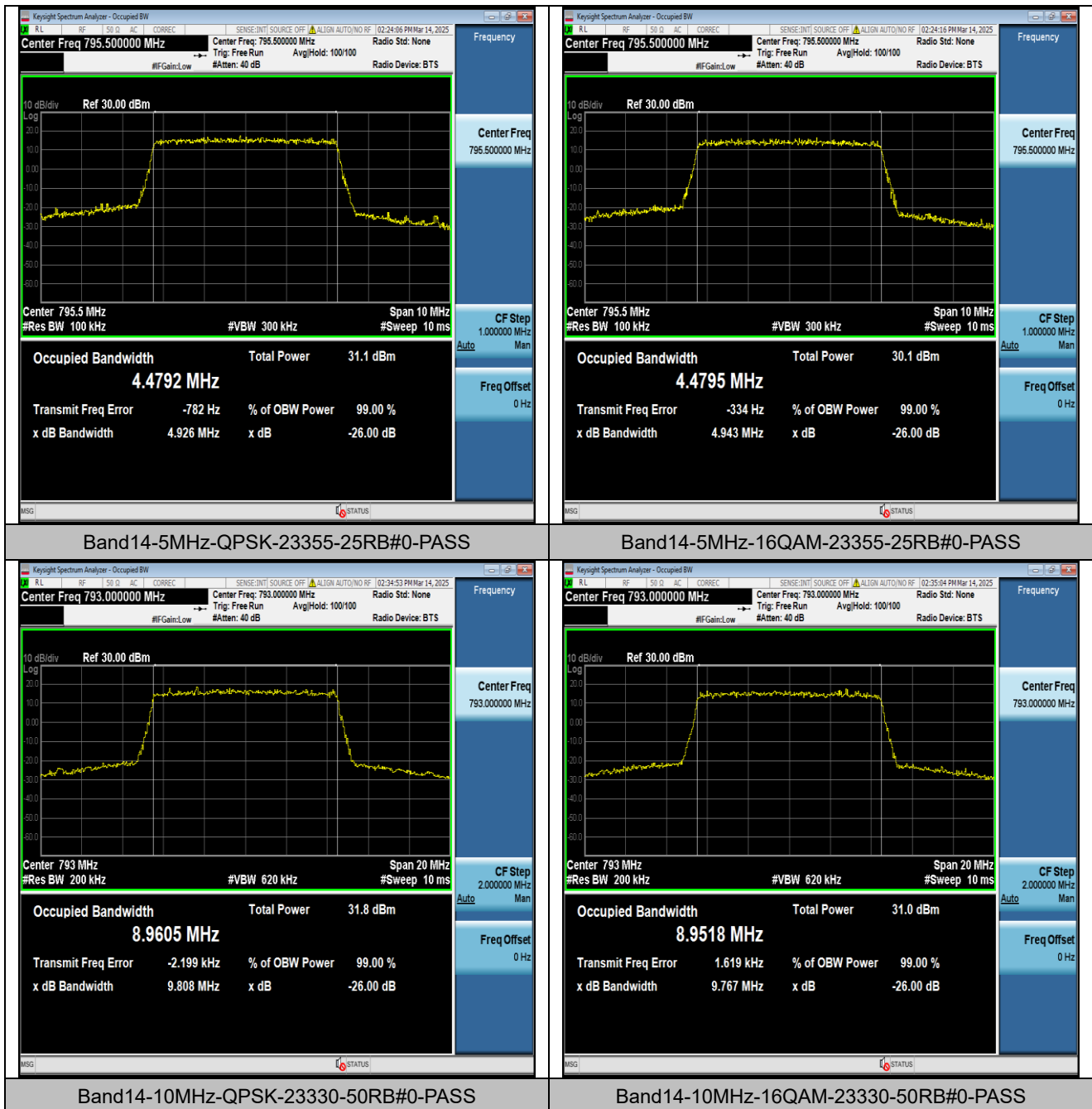
26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band14	5MHz	QPSK	23305	25RB#0	4.4882	4.931	PASS
Band14	5MHz	16QAM	23305	25RB#0	4.4831	4.940	PASS
Band14	5MHz	QPSK	23330	25RB#0	4.4822	4.935	PASS
Band14	5MHz	16QAM	23330	25RB#0	4.4895	4.948	PASS
Band14	5MHz	QPSK	23355	25RB#0	4.4792	4.926	PASS
Band14	5MHz	16QAM	23355	25RB#0	4.4795	4.943	PASS
Band14	10MHz	QPSK	23330	50RB#0	8.9605	9.808	PASS
Band14	10MHz	16QAM	23330	50RB#0	8.9518	9.767	PASS

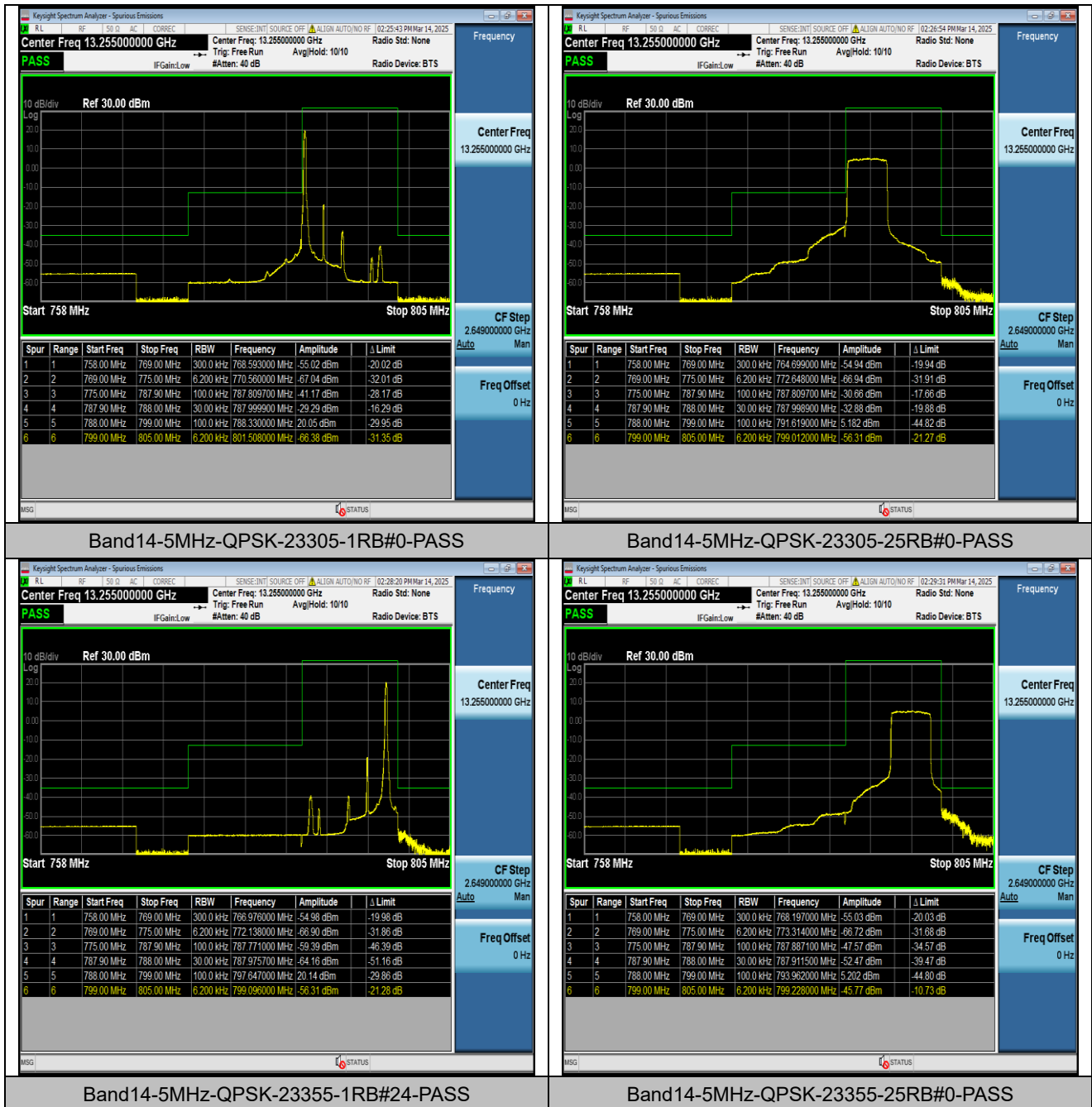
Test Graphs

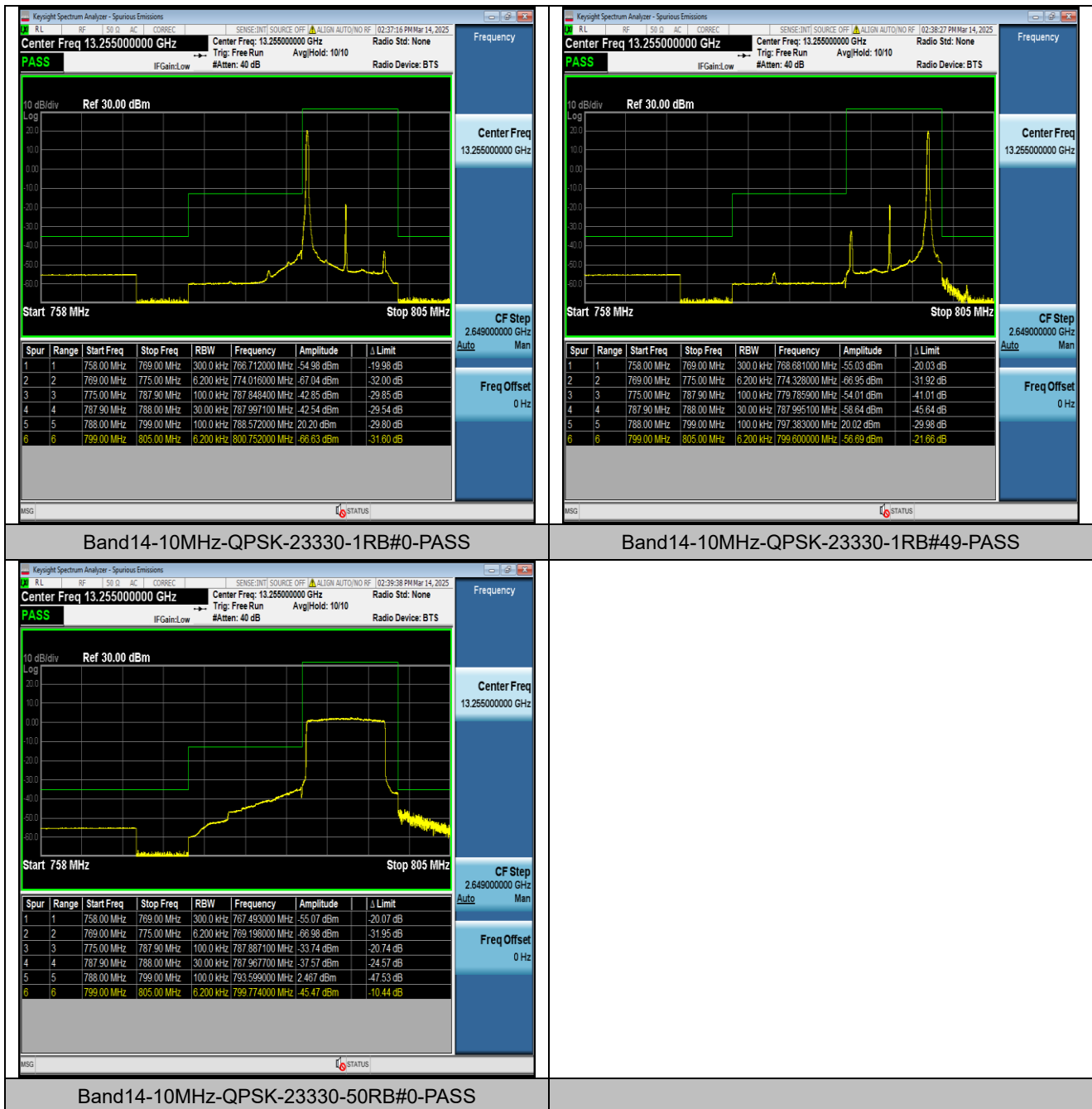




Band Edge

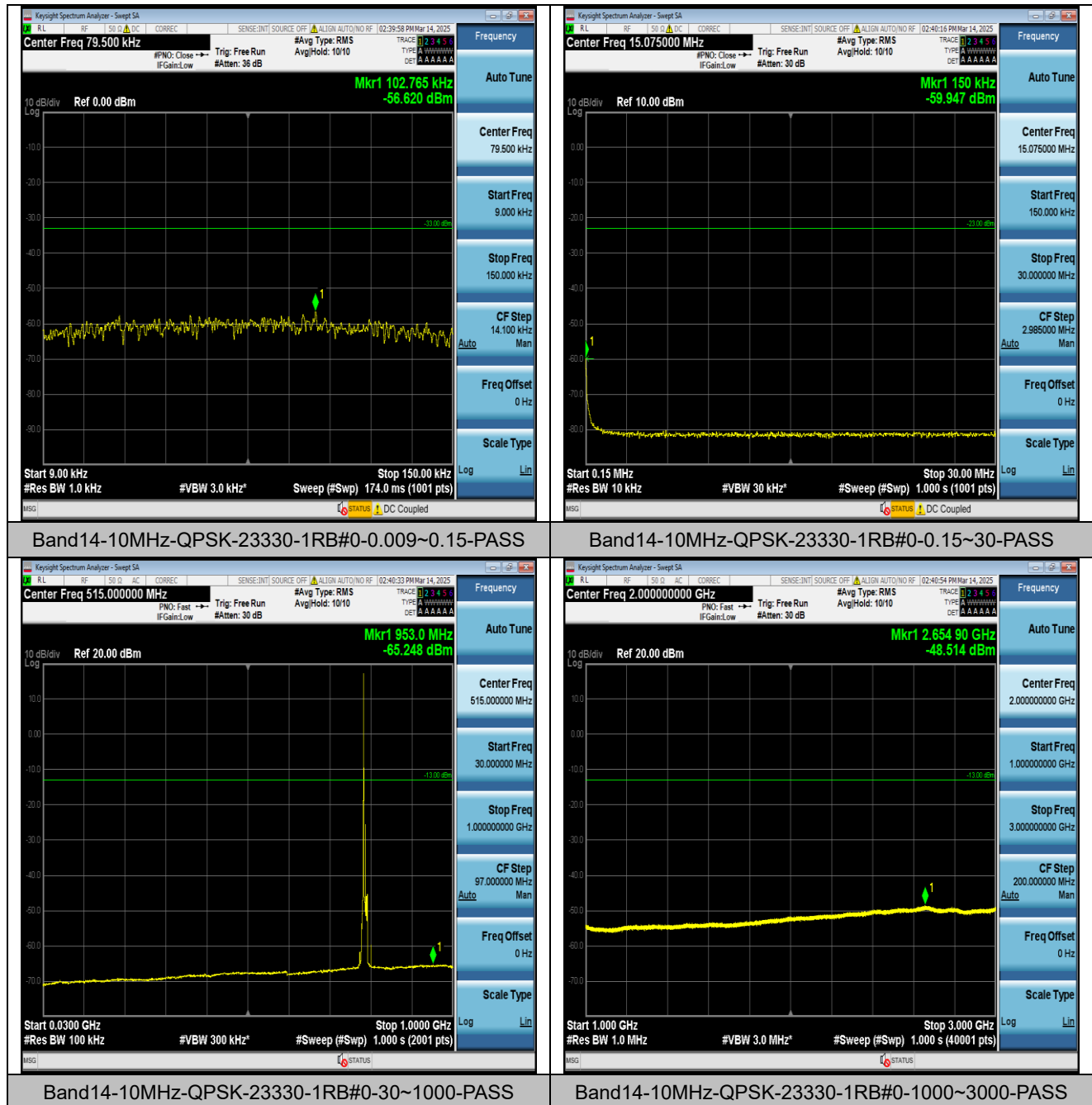
Test Graphs

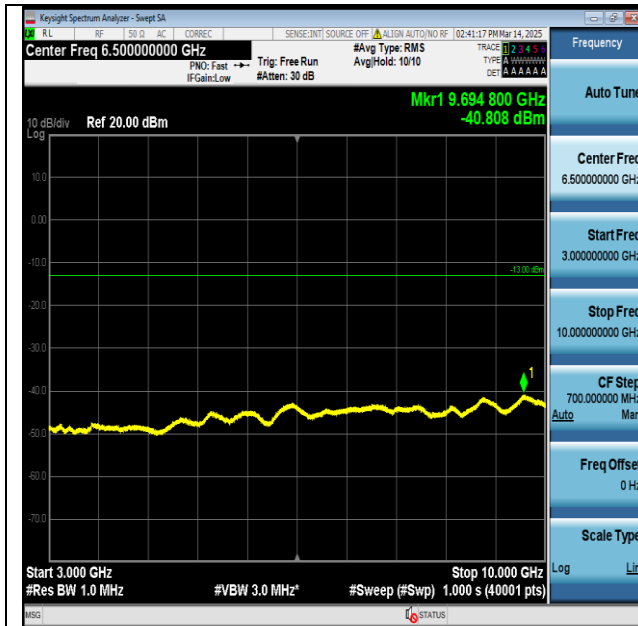




Conducted Spurious Emission

Test Graphs





Band14-10MHz-QPSK-23330-1RB#0-3000~10000-PASS

Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band14	10MHz	QPSK	23330	50RB#0	VN	NT	-0.90	-0.001135	PASS
Band14	10MHz	QPSK	23330	50RB#0	VL	NT	-0.90	-0.001135	PASS
Band14	10MHz	QPSK	23330	50RB#0	VH	NT	0.70	0.000883	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band14	10MHz	QPSK	23330	50RB#0	NV	-30	-0.20	-0.000252	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	-20	-0.80	-0.001009	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	-10	-1.50	-0.001892	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	0	-0.80	-0.001009	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	10	-1.20	-0.001513	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	20	-1.50	-0.001892	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	30	-0.60	-0.000757	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	40	0.10	0.000126	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	50	-0.80	-0.001009	PASS

~The End~