

Appendix-B LTE Band 14

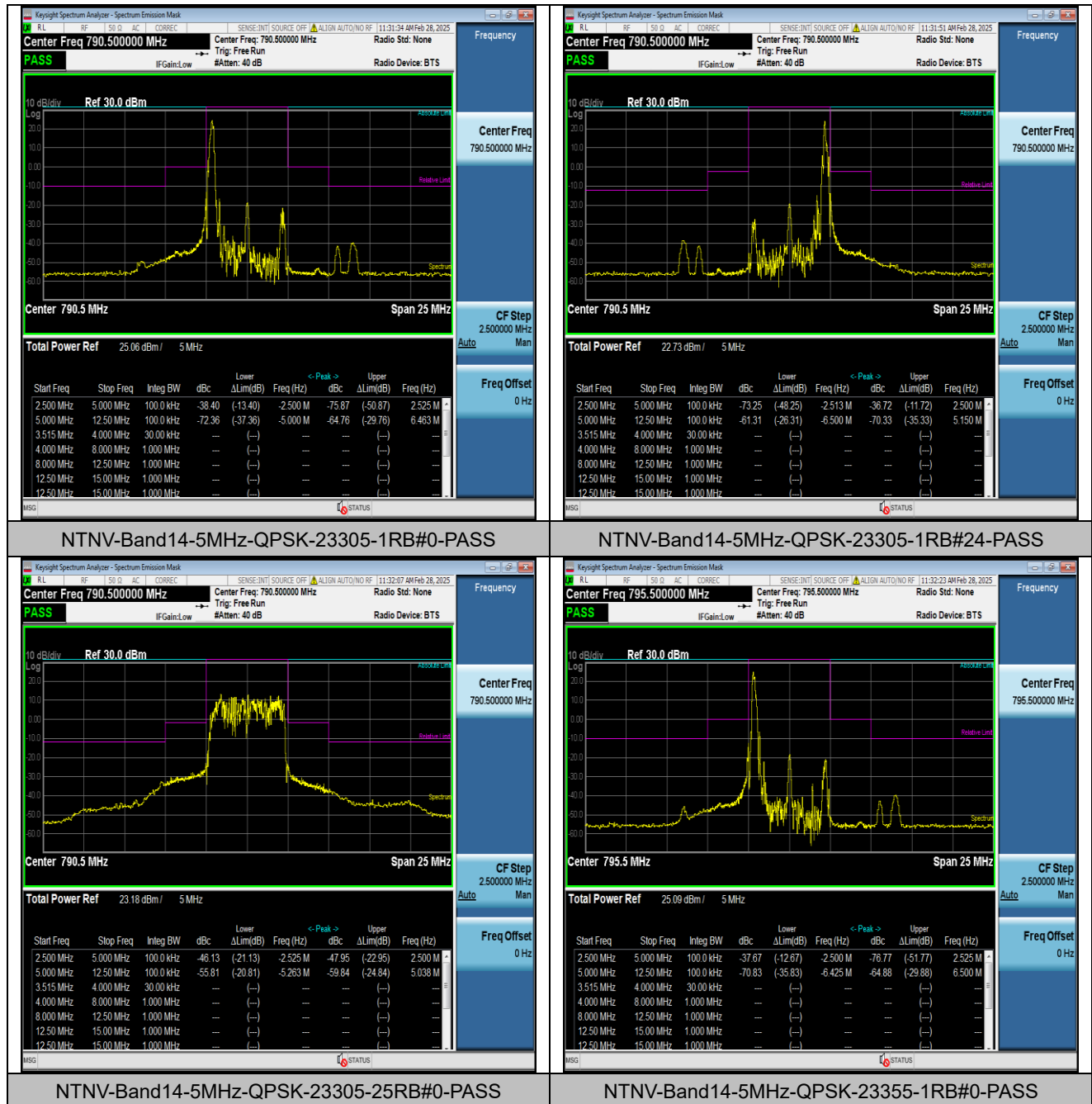
Effective (Isotropic) Radiated Power Output Data

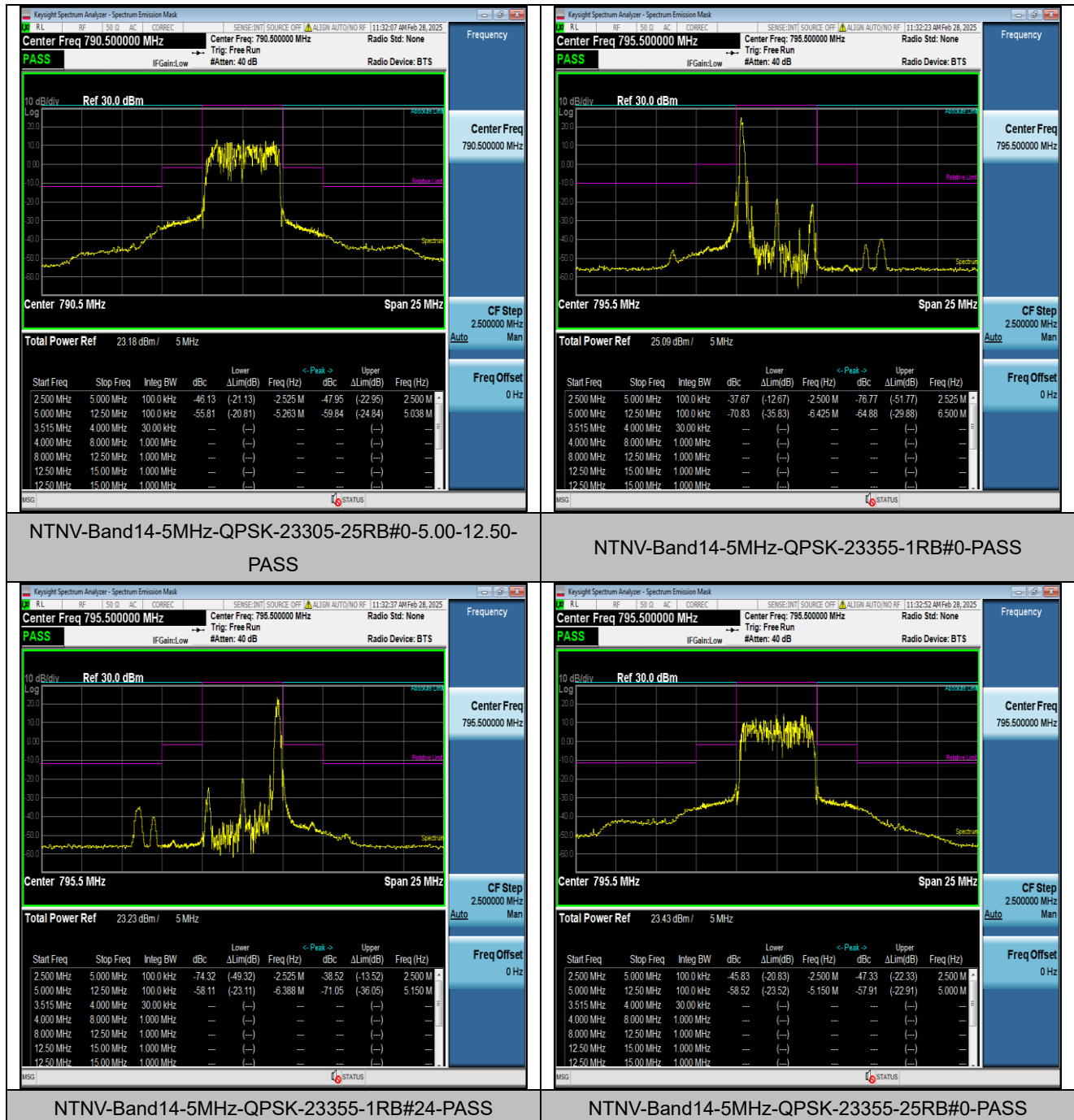
Test Result

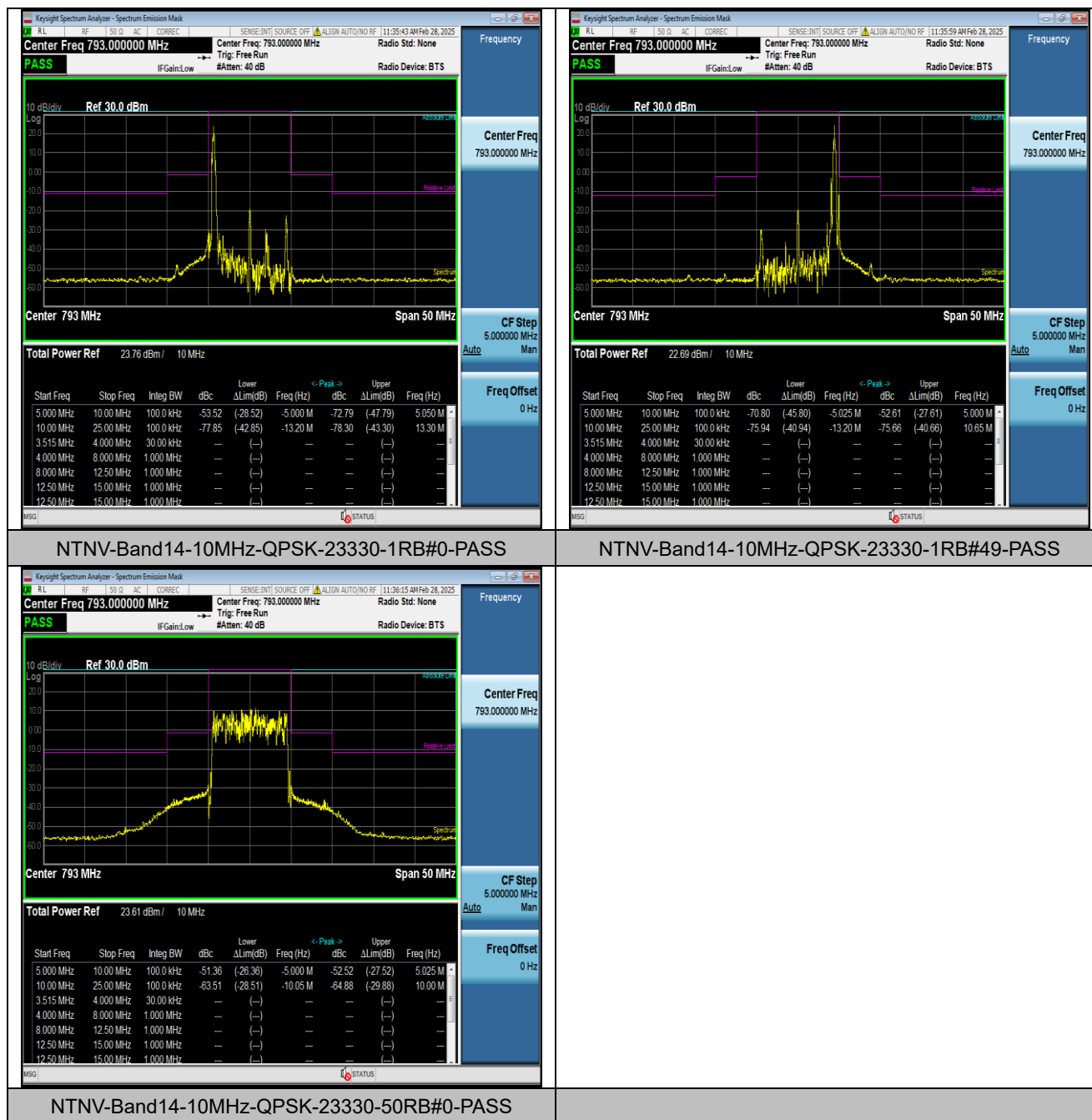
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band14	5MHz	QPSK	23305	1RB#0	23.46	24.94	34.77	PASS
Band14	5MHz	QPSK	23305	1RB#12	23.69	25.17	34.77	PASS
Band14	5MHz	QPSK	23305	1RB#24	23.37	24.85	34.77	PASS
Band14	5MHz	QPSK	23305	25RB#0	22.65	24.13	34.77	PASS
Band14	5MHz	16QAM	23305	1RB#0	22.55	24.03	34.77	PASS
Band14	5MHz	16QAM	23305	1RB#12	22.27	23.75	34.77	PASS
Band14	5MHz	16QAM	23305	1RB#24	22.1	23.58	34.77	PASS
Band14	5MHz	16QAM	23305	25RB#0	21.65	23.13	34.77	PASS
Band14	5MHz	QPSK	23330	1RB#0	23.42	24.9	34.77	PASS
Band14	5MHz	QPSK	23330	1RB#12	23.44	24.92	34.77	PASS
Band14	5MHz	QPSK	23330	1RB#24	23.52	25	34.77	PASS
Band14	5MHz	QPSK	23330	25RB#0	22.49	23.97	34.77	PASS
Band14	5MHz	16QAM	23330	1RB#0	22.1	23.58	34.77	PASS
Band14	5MHz	16QAM	23330	1RB#12	22.2	23.68	34.77	PASS
Band14	5MHz	16QAM	23330	1RB#24	22.26	23.74	34.77	PASS
Band14	5MHz	16QAM	23330	25RB#0	21.54	23.02	34.77	PASS
Band14	5MHz	QPSK	23355	1RB#0	23.47	24.95	34.77	PASS
Band14	5MHz	QPSK	23355	1RB#12	23.68	25.16	34.77	PASS
Band14	5MHz	QPSK	23355	1RB#24	23.28	24.76	34.77	PASS
Band14	5MHz	QPSK	23355	25RB#0	22.49	23.97	34.77	PASS
Band14	5MHz	16QAM	23355	1RB#0	22.43	23.91	34.77	PASS
Band14	5MHz	16QAM	23355	1RB#12	22.45	23.93	34.77	PASS
Band14	5MHz	16QAM	23355	1RB#24	22.02	23.5	34.77	PASS
Band14	5MHz	16QAM	23355	25RB#0	21.55	23.03	34.77	PASS
Band14	10MHz	QPSK	23330	1RB#0	23.24	24.72	34.77	PASS
Band14	10MHz	QPSK	23330	1RB#24	23.28	24.76	34.77	PASS
Band14	10MHz	QPSK	23330	1RB#49	23.36	24.84	34.77	PASS
Band14	10MHz	QPSK	23330	50RB#0	22.52	24	34.77	PASS
Band14	10MHz	16QAM	23330	1RB#0	22.12	23.6	34.77	PASS
Band14	10MHz	16QAM	23330	1RB#24	22.25	23.73	34.77	PASS
Band14	10MHz	16QAM	23330	1RB#49	22.11	23.59	34.77	PASS
Band14	10MHz	16QAM	23330	50RB#0	21.58	23.06	34.77	PASS

Spectrum_emission_mask

Test Graphs





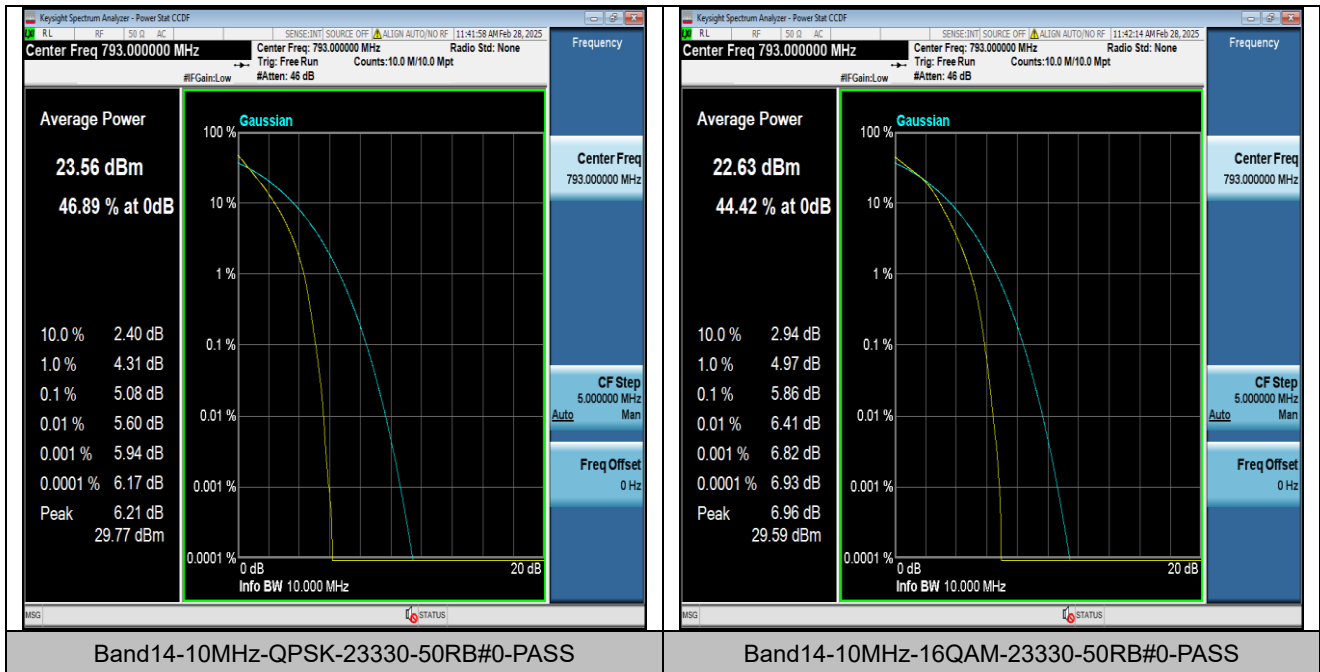


Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band14	10MHz	QPSK	23330	50RB#0	5.08	13	PASS
Band14	10MHz	16QAM	23330	50RB#0	5.86	13	PASS

Test Graphs

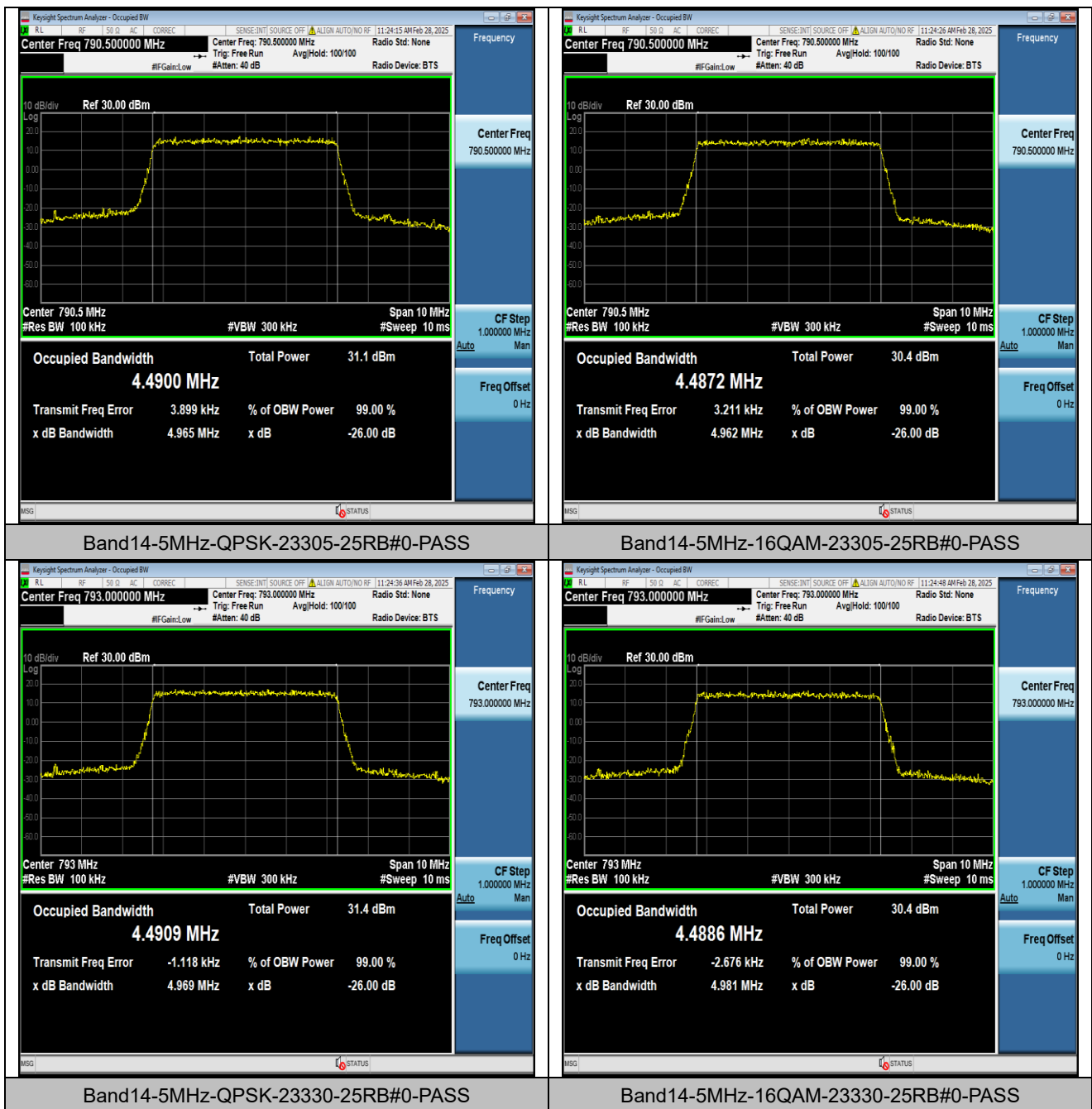


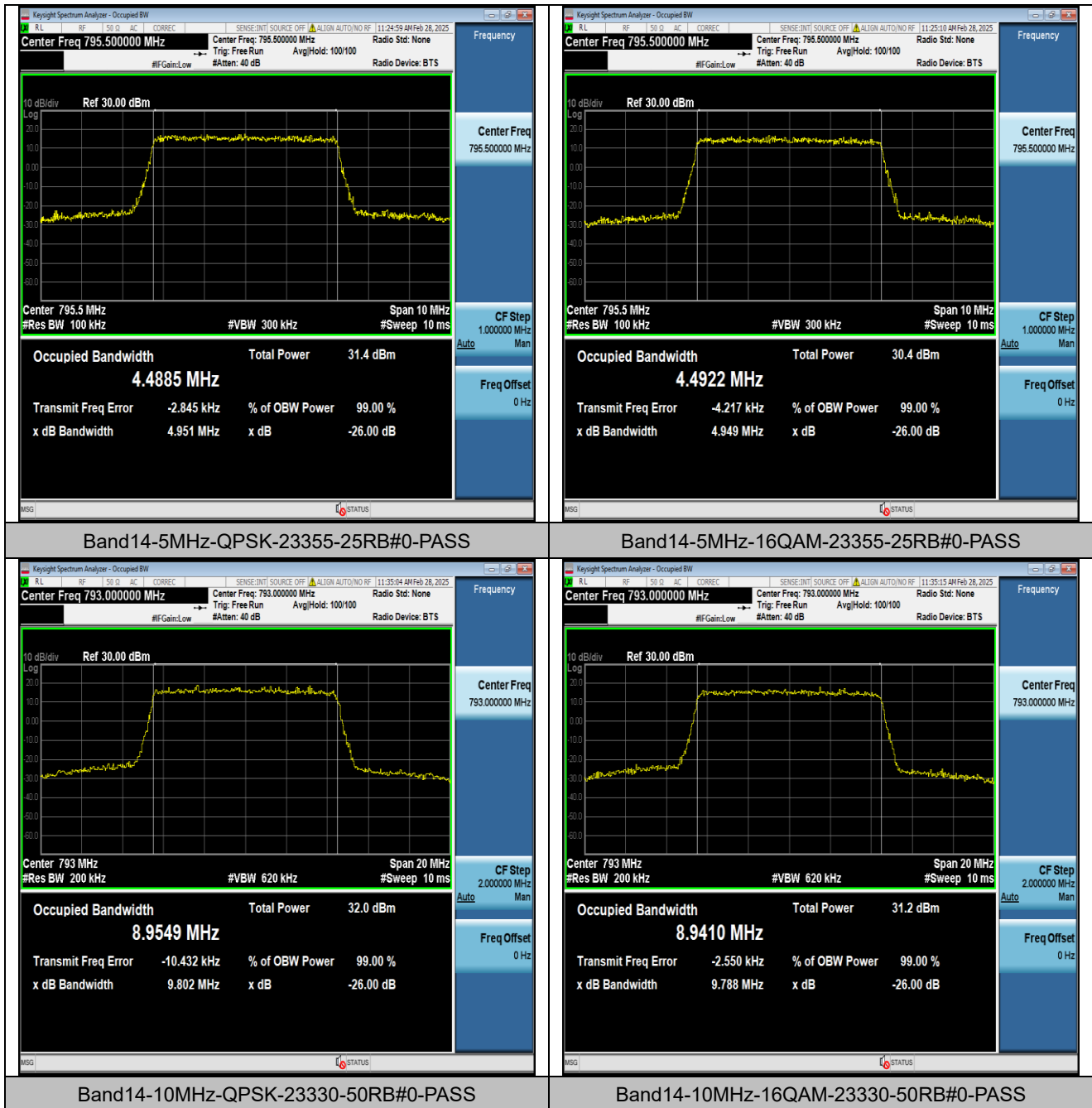
26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band14	5MHz	QPSK	23305	25RB#0	4.4900	4.965	PASS
Band14	5MHz	16QAM	23305	25RB#0	4.4872	4.962	PASS
Band14	5MHz	QPSK	23330	25RB#0	4.4909	4.969	PASS
Band14	5MHz	16QAM	23330	25RB#0	4.4886	4.981	PASS
Band14	5MHz	QPSK	23355	25RB#0	4.4885	4.951	PASS
Band14	5MHz	16QAM	23355	25RB#0	4.4922	4.949	PASS
Band14	10MHz	QPSK	23330	50RB#0	8.9549	9.802	PASS
Band14	10MHz	16QAM	23330	50RB#0	8.9410	9.788	PASS

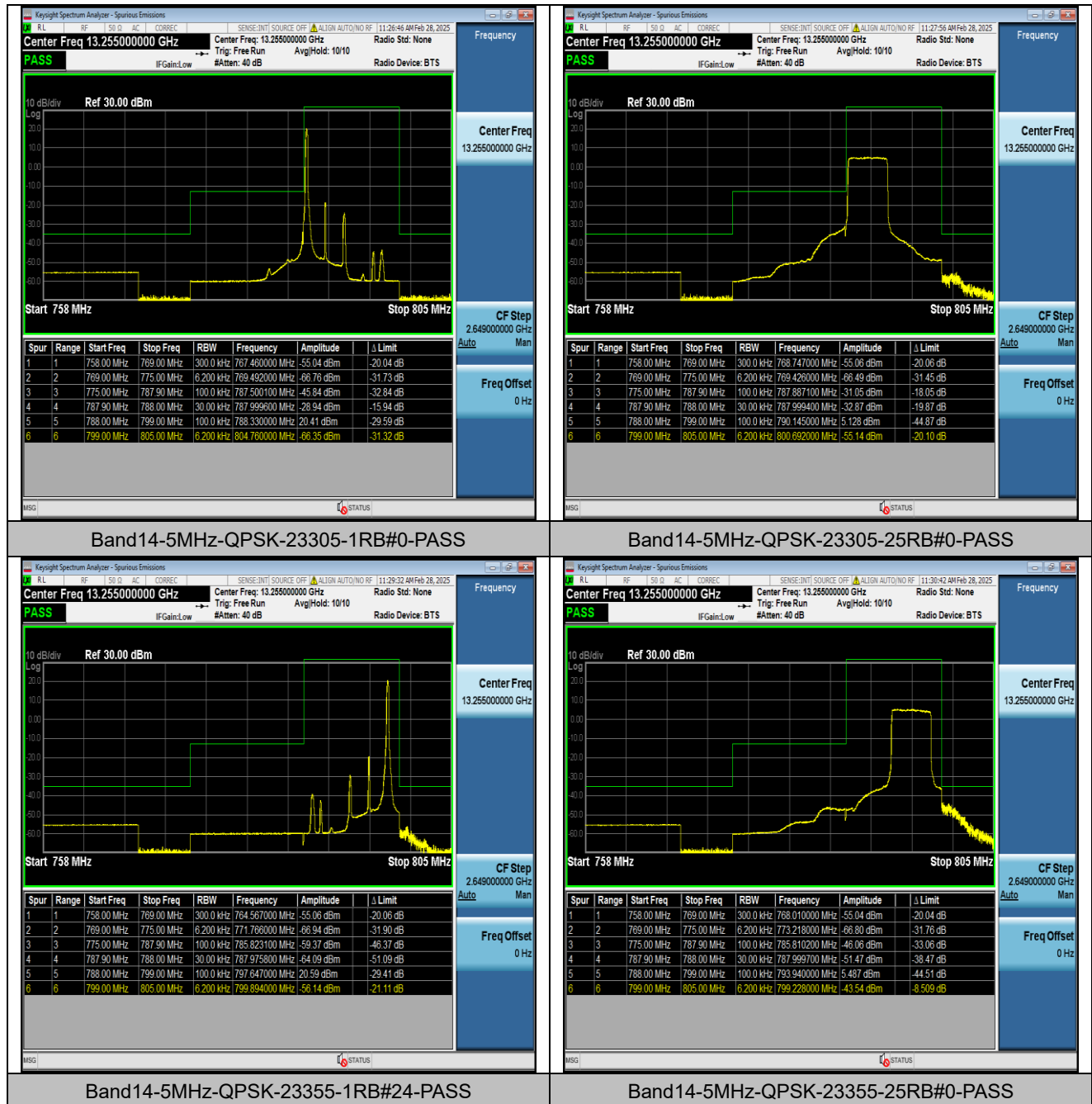
Test Graphs

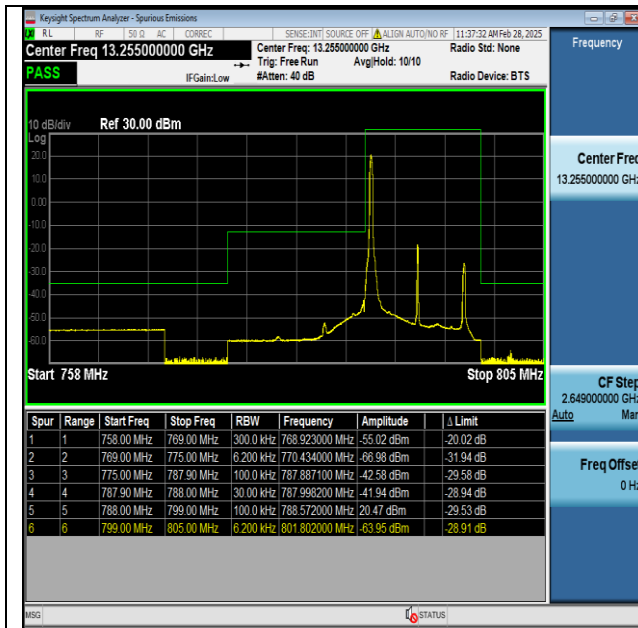




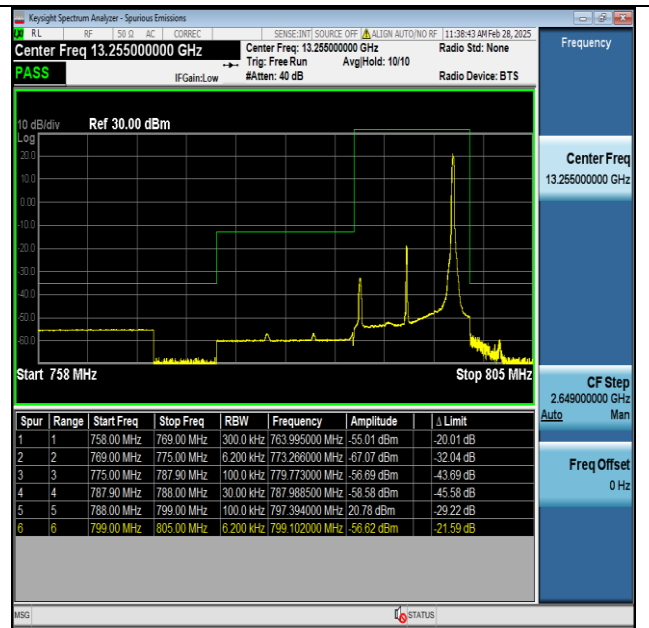
Band Edge

Test Graphs

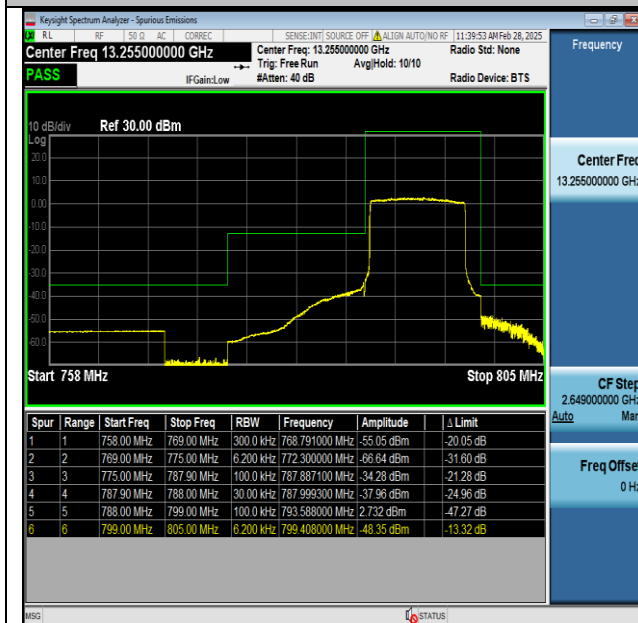




Band14-10MHz-QPSK-23330-1RB#0-PASS



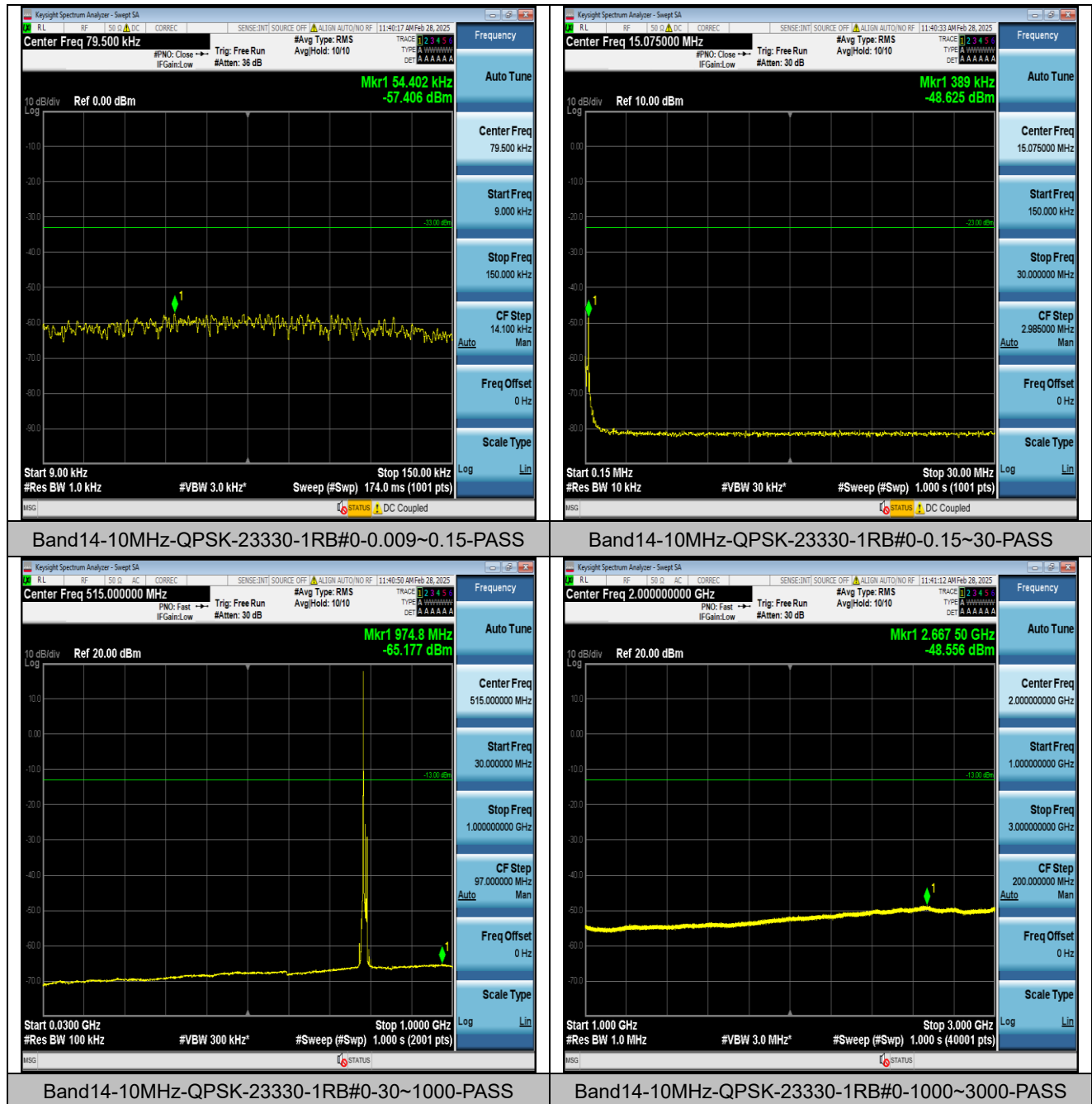
Band14-10MHz-QPSK-23330-1RB#49-PASS

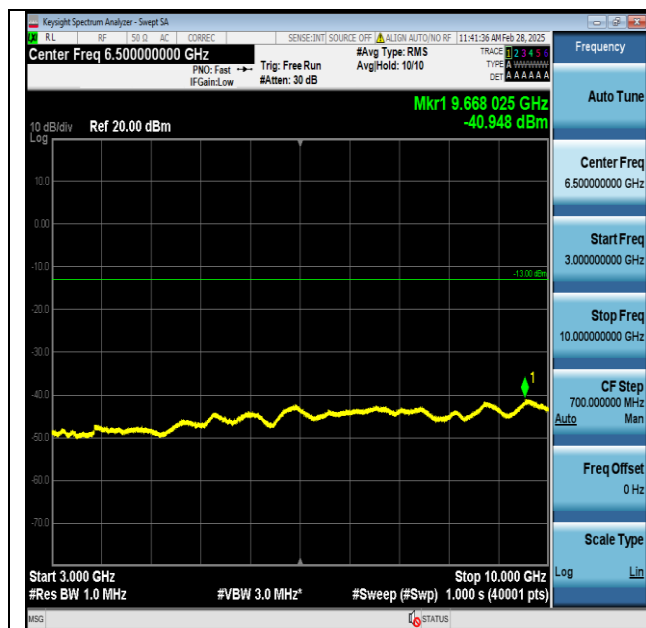


Band14-10MHz-QPSK-23330-50RB#0-PASS

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	0.10	0.000126	PASS
Band14	10MHz	QPSK	23330	50RB#0	VL	NT	-0.40	-0.000504	PASS
Band14	10MHz	QPSK	23330	50RB#0	VH	NT	-1.20	-0.001513	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	-0.50	-0.000631	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	-20	0.70	0.000883	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	-10	1.40	0.001765	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	0	0.00	0.000000	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	10	-1.10	-0.001387	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	20	-2.40	-0.003026	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	30	-1.20	-0.001513	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	40	1.10	0.001387	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	50	-0.80	-0.001009	PASS

~The End~