

Appendix-A LTE Band 14

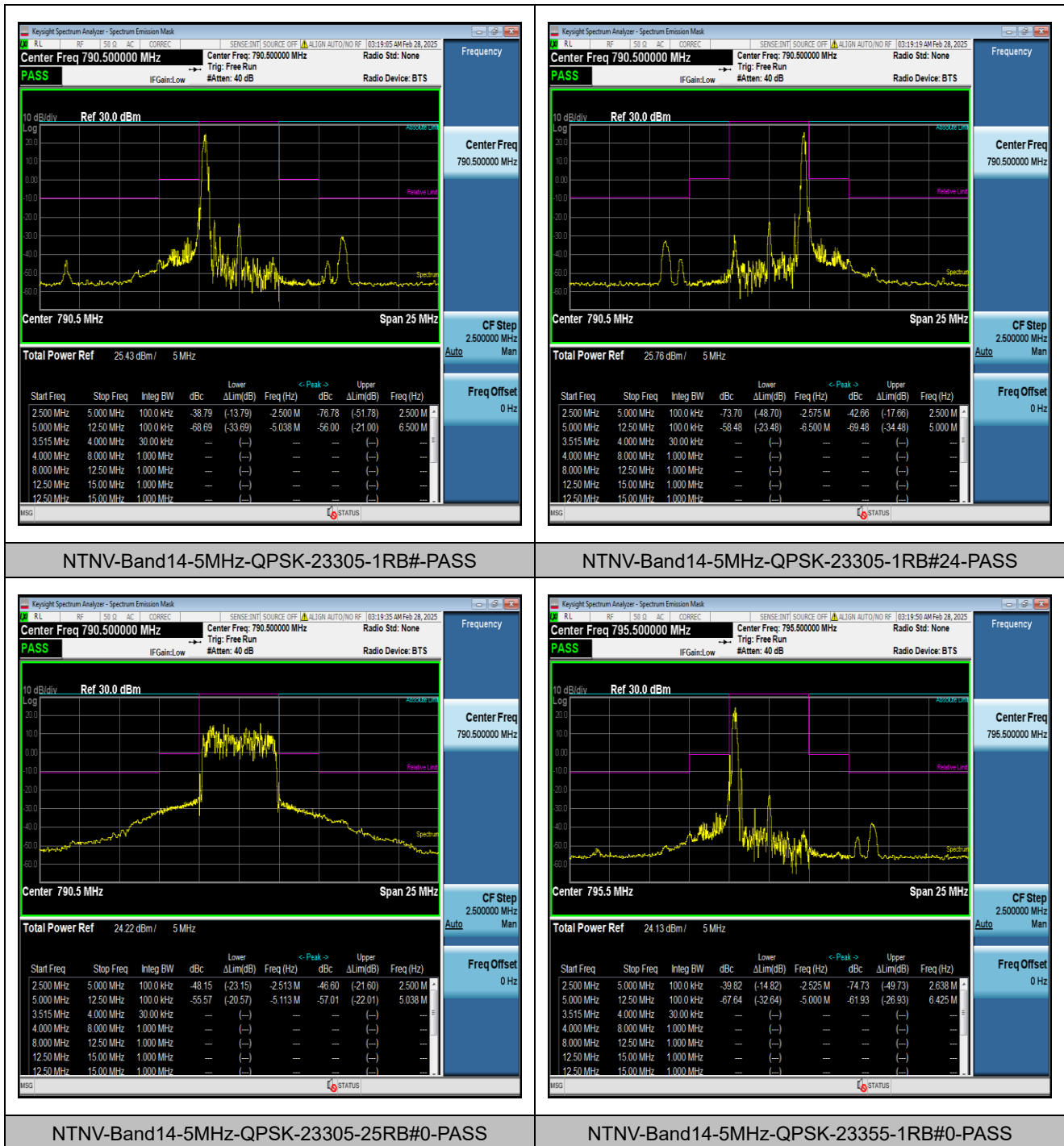
Effective (Isotropic) Radiated Power Output Data

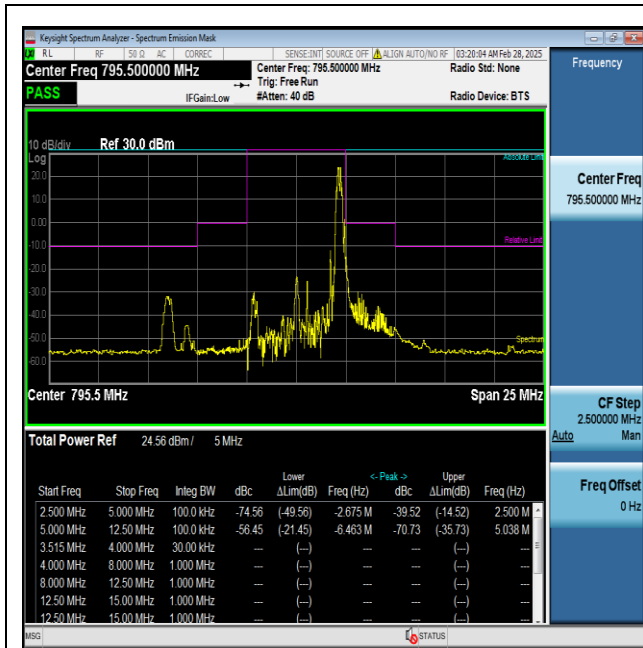
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band14	5MHz	QPSK	23305	1RB#0	23.69	21.04	34.77	PASS
Band14	5MHz	QPSK	23305	1RB#12	24.22	21.57	34.77	PASS
Band14	5MHz	QPSK	23305	1RB#24	23.97	21.32	34.77	PASS
Band14	5MHz	QPSK	23305	25RB#0	23	20.35	34.77	PASS
Band14	5MHz	16QAM	23305	1RB#0	22.82	20.17	34.77	PASS
Band14	5MHz	16QAM	23305	1RB#12	22.98	20.33	34.77	PASS
Band14	5MHz	16QAM	23305	1RB#24	22.59	19.94	34.77	PASS
Band14	5MHz	16QAM	23305	25RB#0	21.99	19.34	34.77	PASS
Band14	5MHz	QPSK	23330	1RB#0	23.65	21	34.77	PASS
Band14	5MHz	QPSK	23330	1RB#12	24.32	21.67	34.77	PASS
Band14	5MHz	QPSK	23330	1RB#24	23.85	21.2	34.77	PASS
Band14	5MHz	QPSK	23330	25RB#0	22.9	20.25	34.77	PASS
Band14	5MHz	16QAM	23330	1RB#0	22.41	19.76	34.77	PASS
Band14	5MHz	16QAM	23330	1RB#12	22.82	20.17	34.77	PASS
Band14	5MHz	16QAM	23330	1RB#24	22.87	20.22	34.77	PASS
Band14	5MHz	16QAM	23330	25RB#0	21.92	19.27	34.77	PASS
Band14	5MHz	QPSK	23355	1RB#0	23.77	21.12	34.77	PASS
Band14	5MHz	QPSK	23355	1RB#12	24.14	21.49	34.77	PASS
Band14	5MHz	QPSK	23355	1RB#24	23.6	20.95	34.77	PASS
Band14	5MHz	QPSK	23355	25RB#0	22.85	20.2	34.77	PASS
Band14	5MHz	16QAM	23355	1RB#0	23.29	20.64	34.77	PASS
Band14	5MHz	16QAM	23355	1RB#12	22.49	19.84	34.77	PASS
Band14	5MHz	16QAM	23355	1RB#24	22.68	20.03	34.77	PASS
Band14	5MHz	16QAM	23355	25RB#0	21.69	19.04	34.77	PASS
Band14	10MHz	QPSK	23330	1RB#0	23.48	20.83	34.77	PASS
Band14	10MHz	QPSK	23330	1RB#24	23.87	21.22	34.77	PASS
Band14	10MHz	QPSK	23330	1RB#49	23.55	20.9	34.77	PASS
Band14	10MHz	QPSK	23330	50RB#0	22.75	20.1	34.77	PASS
Band14	10MHz	16QAM	23330	1RB#0	22.74	20.09	34.77	PASS
Band14	10MHz	16QAM	23330	1RB#24	22.78	20.13	34.77	PASS
Band14	10MHz	16QAM	23330	1RB#49	22.43	19.78	34.77	PASS
Band14	10MHz	16QAM	23330	50RB#0	21.76	19.11	34.77	PASS

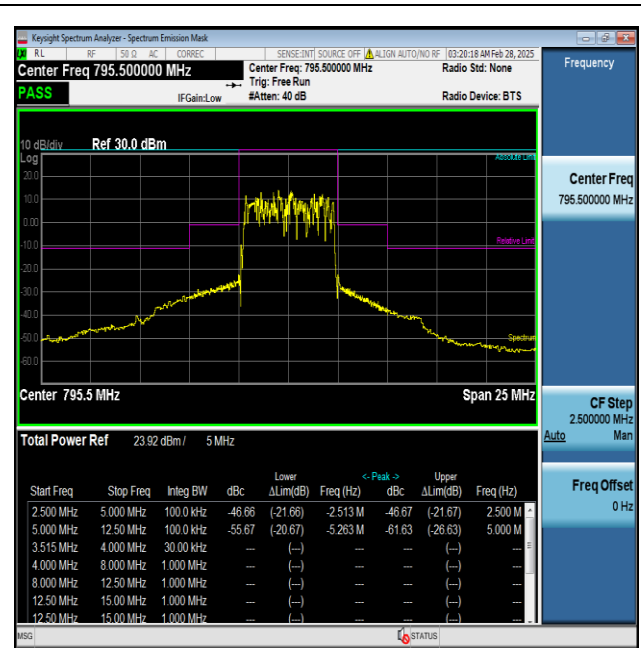
Spectrum_emission_mask

Test Graphs

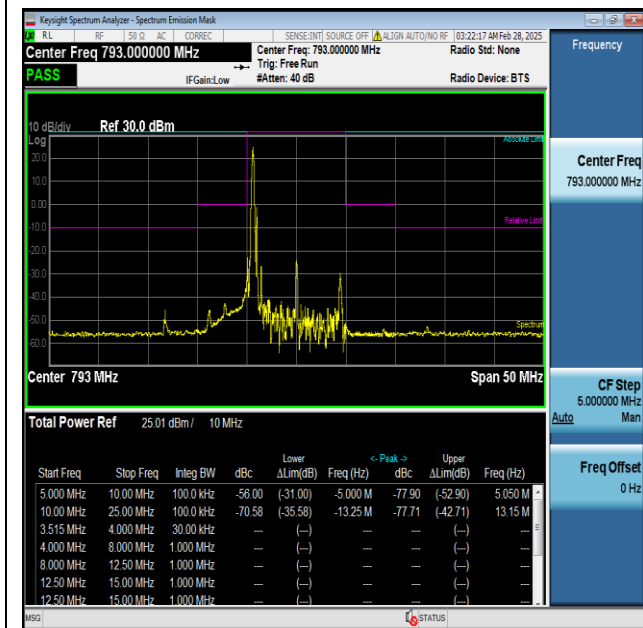




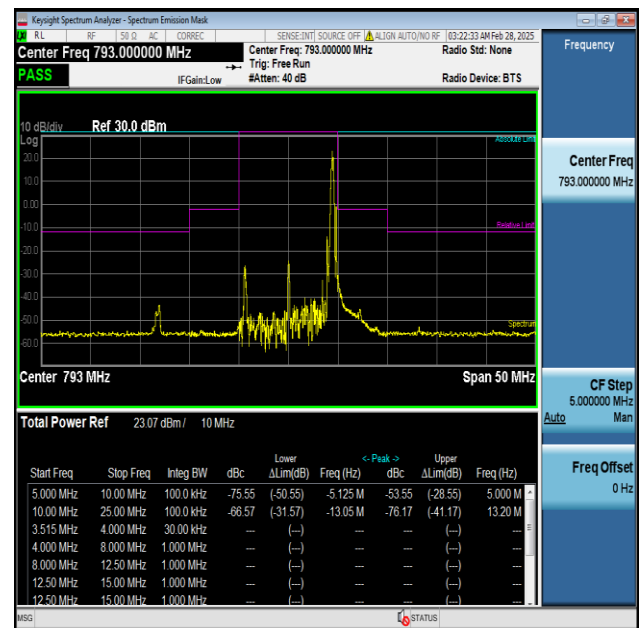
NTNV-Band14-5MHz-QPSK-23355-1RB#24-PASS



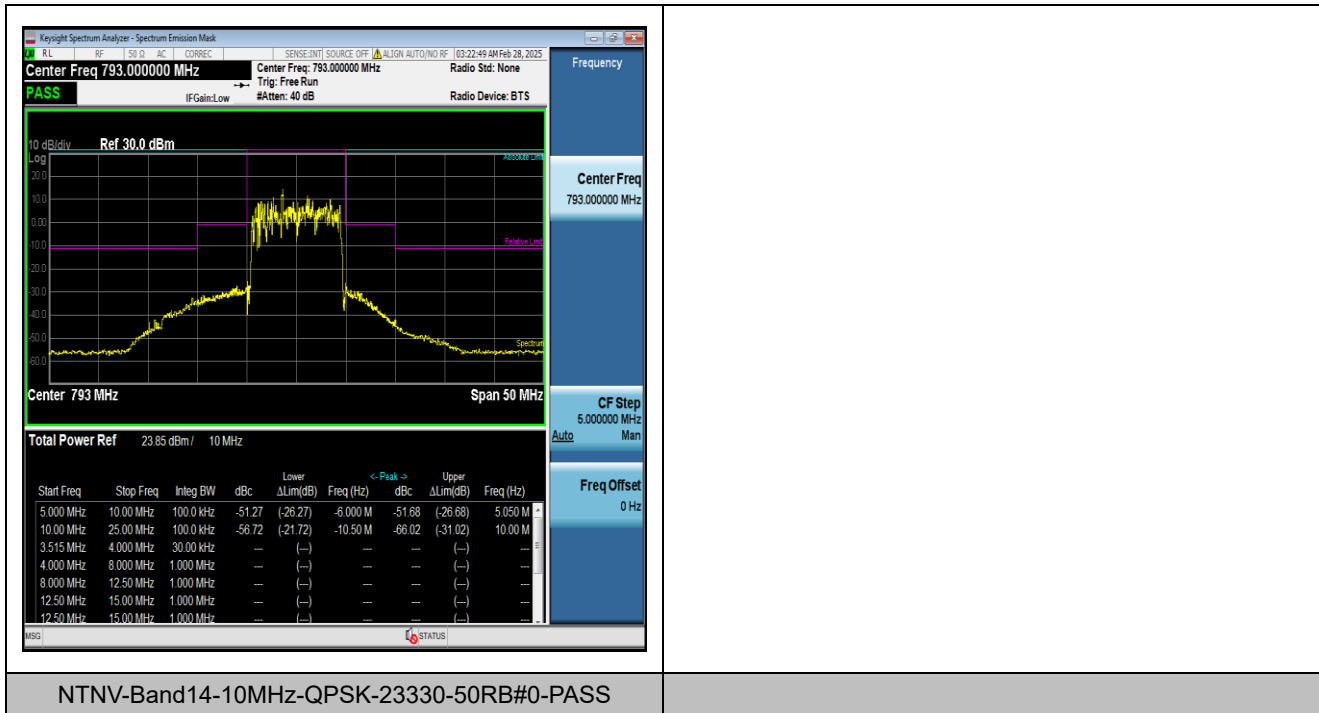
NTNV-Band14-5MHz-QPSK-23355-25RB#0-PASS



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



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

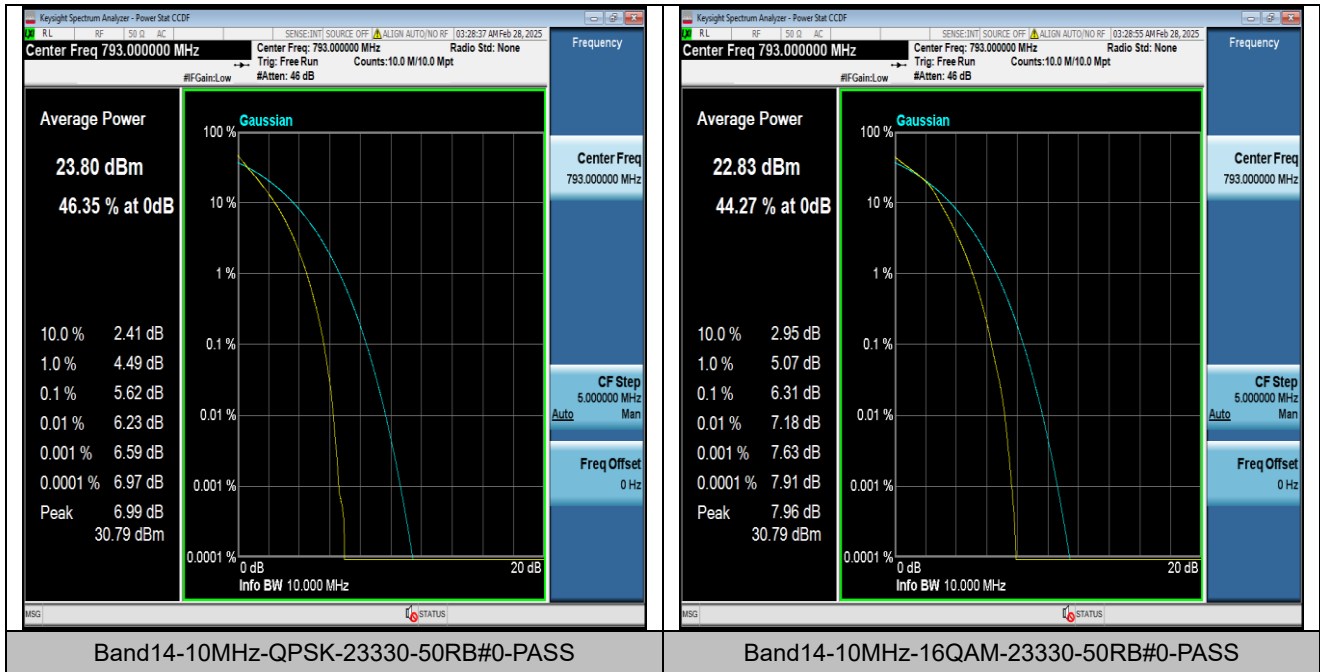


Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band14	10MHz	QPSK	23330	50RB#0	5.62	13	PASS
Band14	10MHz	16QAM	23330	50RB#0	6.31	13	PASS

Test Graphs

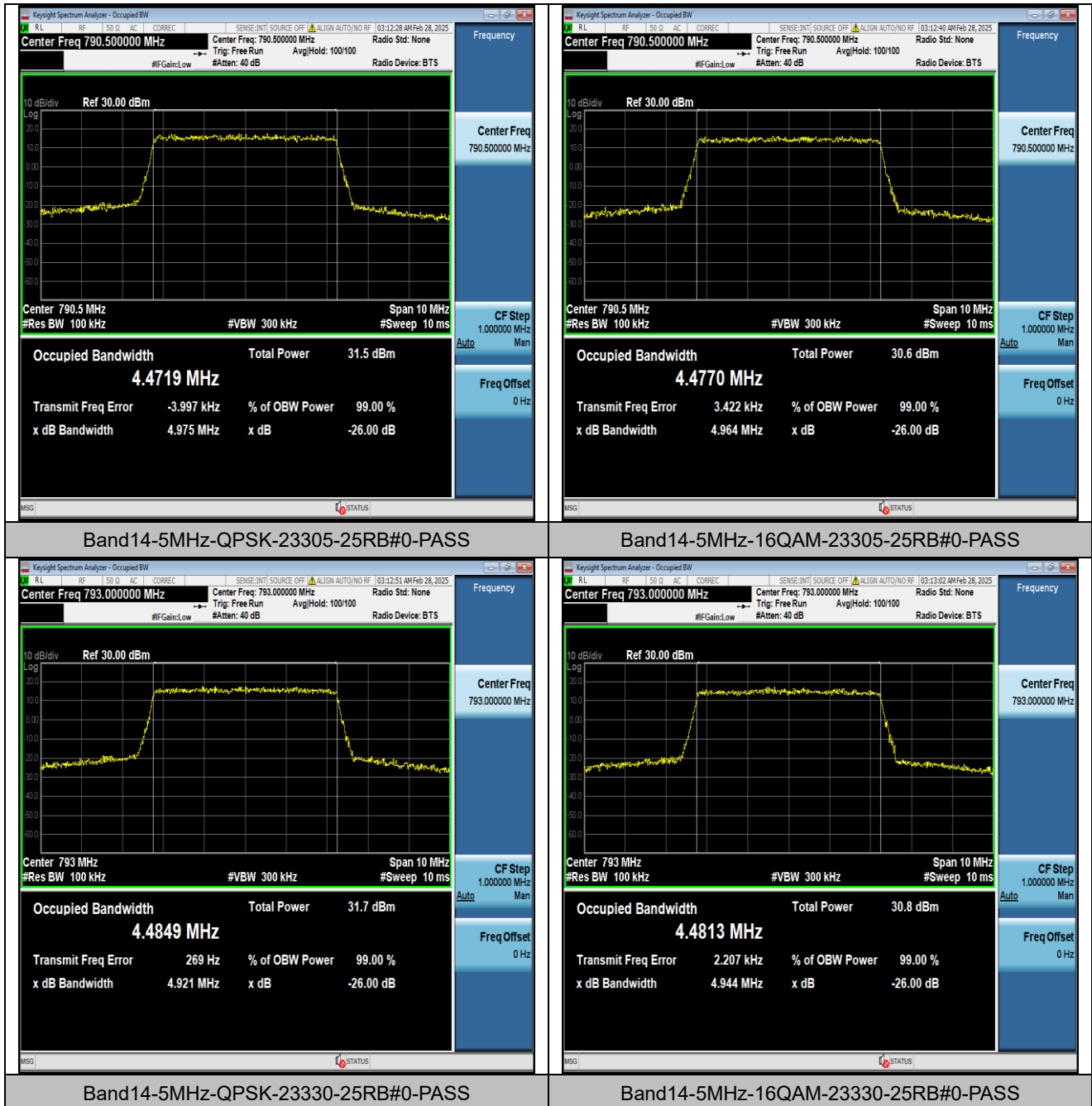


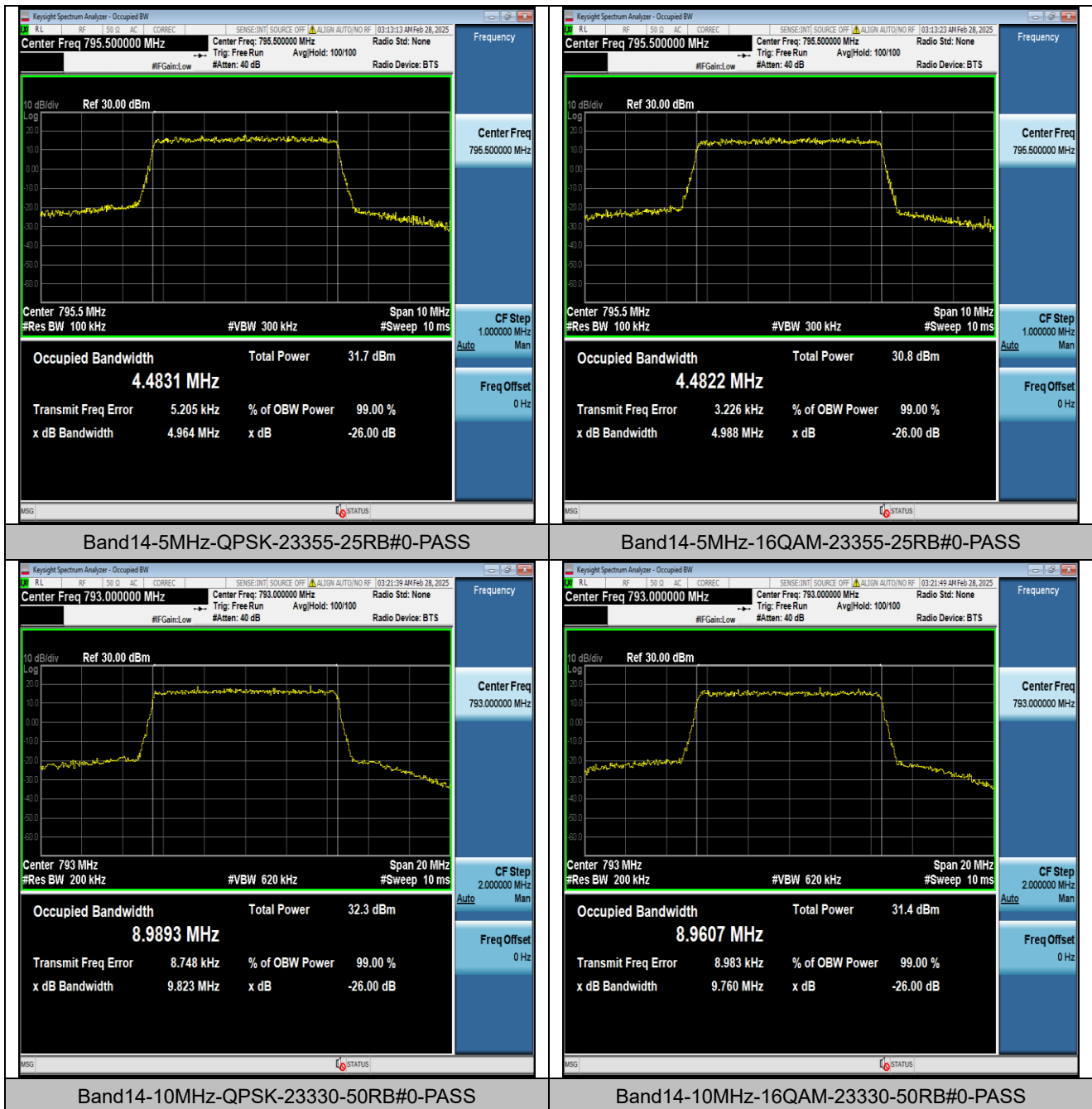
26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band14	5MHz	QPSK	23305	25RB#0	4.4719	4.975	PASS
Band14	5MHz	16QAM	23305	25RB#0	4.4770	4.964	PASS
Band14	5MHz	QPSK	23330	25RB#0	4.4849	4.921	PASS
Band14	5MHz	16QAM	23330	25RB#0	4.4813	4.944	PASS
Band14	5MHz	QPSK	23355	25RB#0	4.4831	4.964	PASS
Band14	5MHz	16QAM	23355	25RB#0	4.4822	4.988	PASS
Band14	10MHz	QPSK	23330	50RB#0	8.9893	9.823	PASS
Band14	10MHz	16QAM	23330	50RB#0	8.9607	9.760	PASS

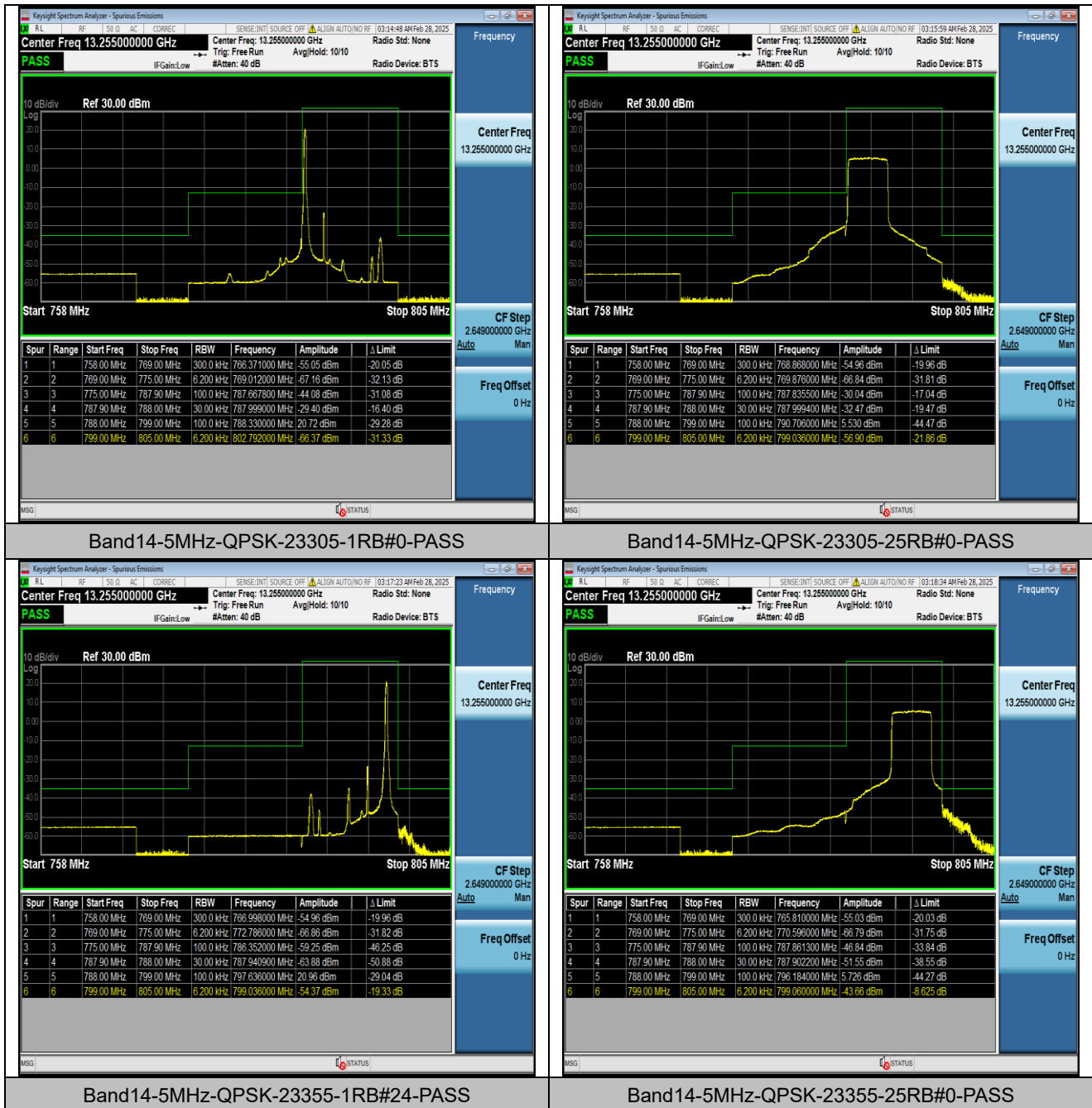
Test Graphs

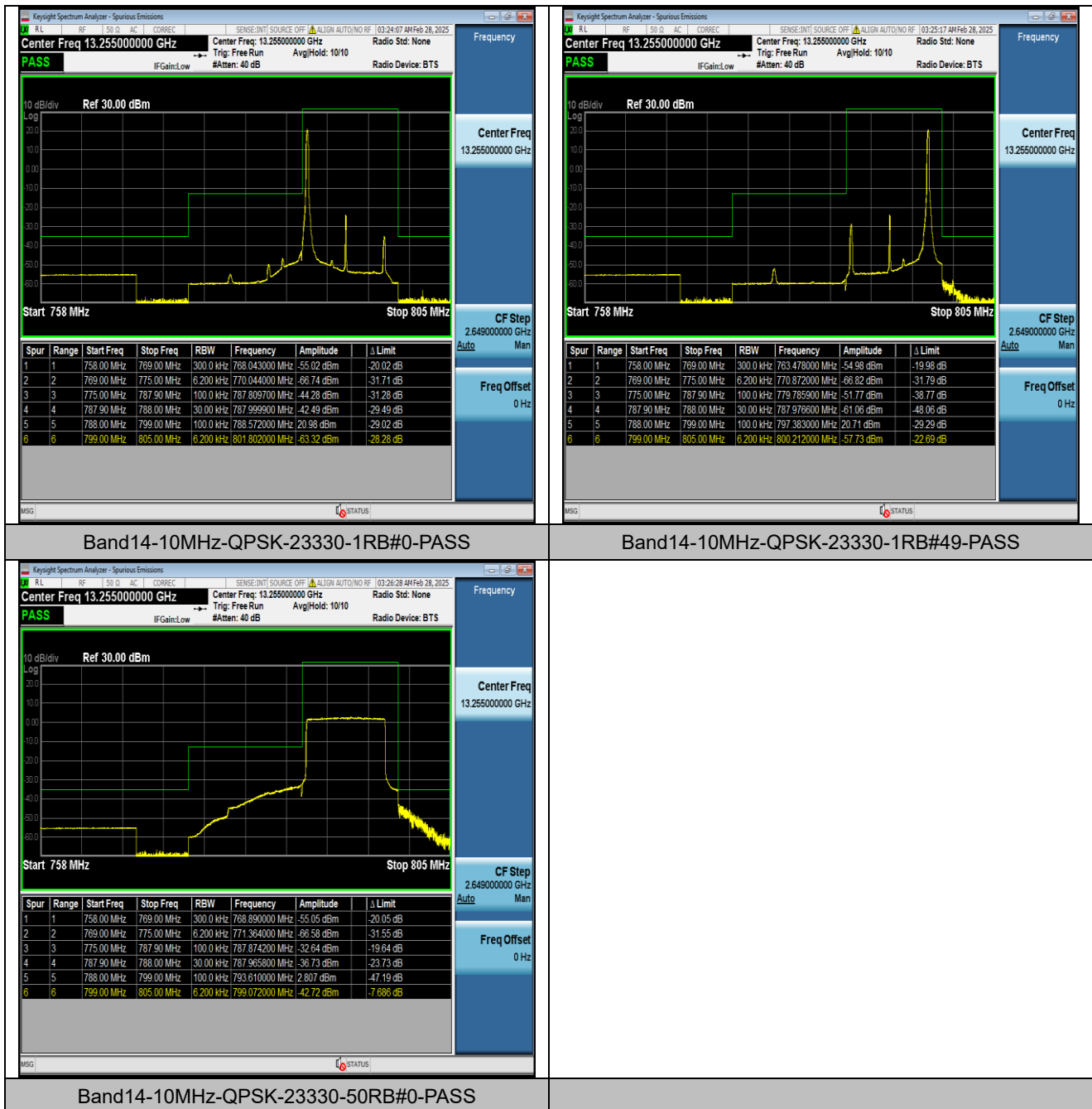




Band Edge

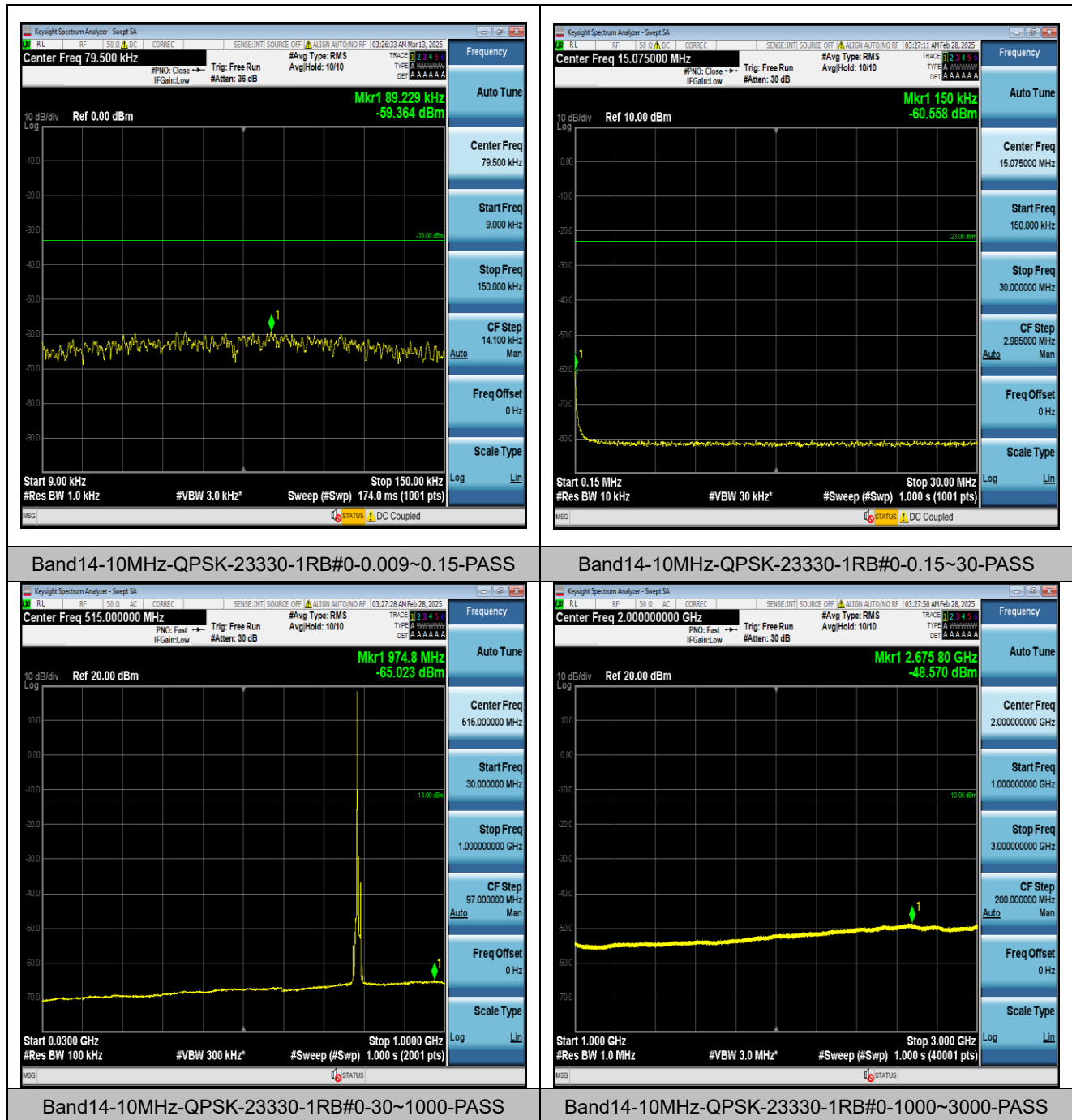
Test Graphs

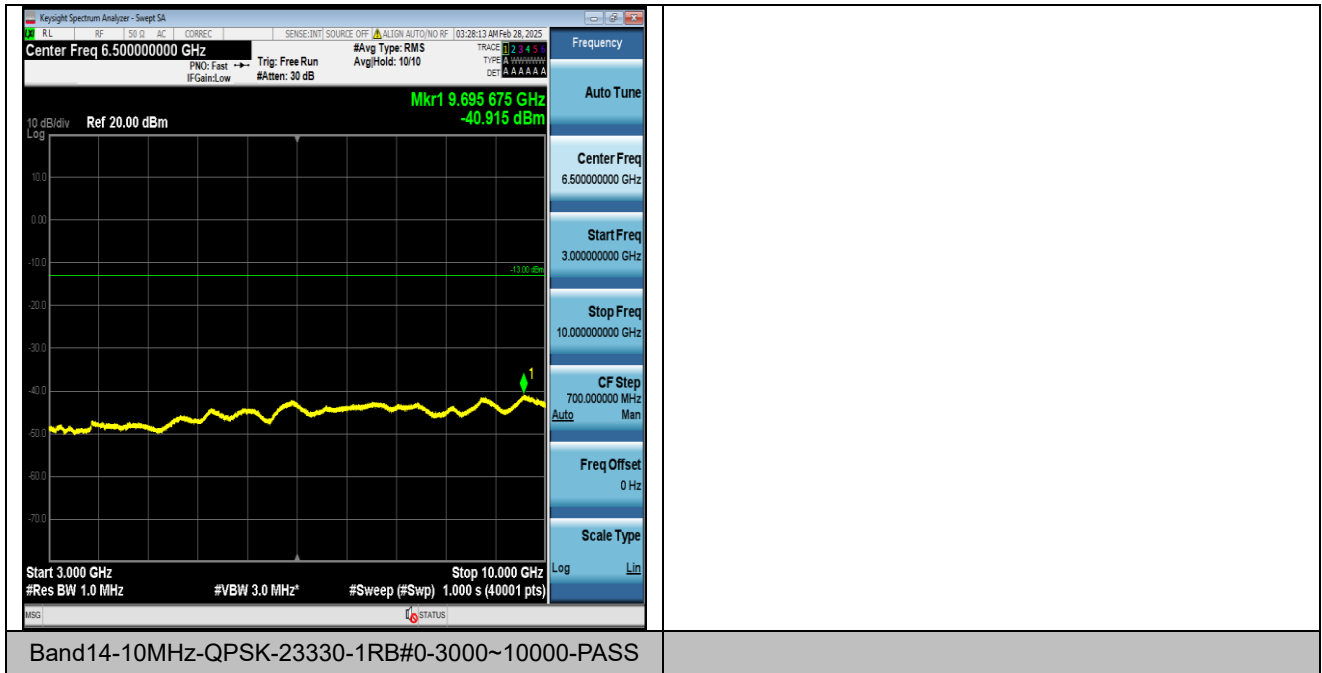




Conducted Spurious Emission

Test Graphs





Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band14	10MHz	QPSK	23330	50RB#0	VN	NT	0.00	0.000000	PASS
Band14	10MHz	QPSK	23330	50RB#0	VL	NT	2.50	0.003153	PASS
Band14	10MHz	QPSK	23330	50RB#0	VH	NT	0.60	0.000757	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	1.60	0.002018	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	-20	0.70	0.000883	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	-10	0.90	0.001135	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	0	-0.30	-0.000378	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	10	0.40	0.000504	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	20	0.40	0.000504	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	30	0.20	0.000252	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	40	0.90	0.001135	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	50	-0.80	-0.001009	PASS

~The End~