

Appendix-A LTE Band 14

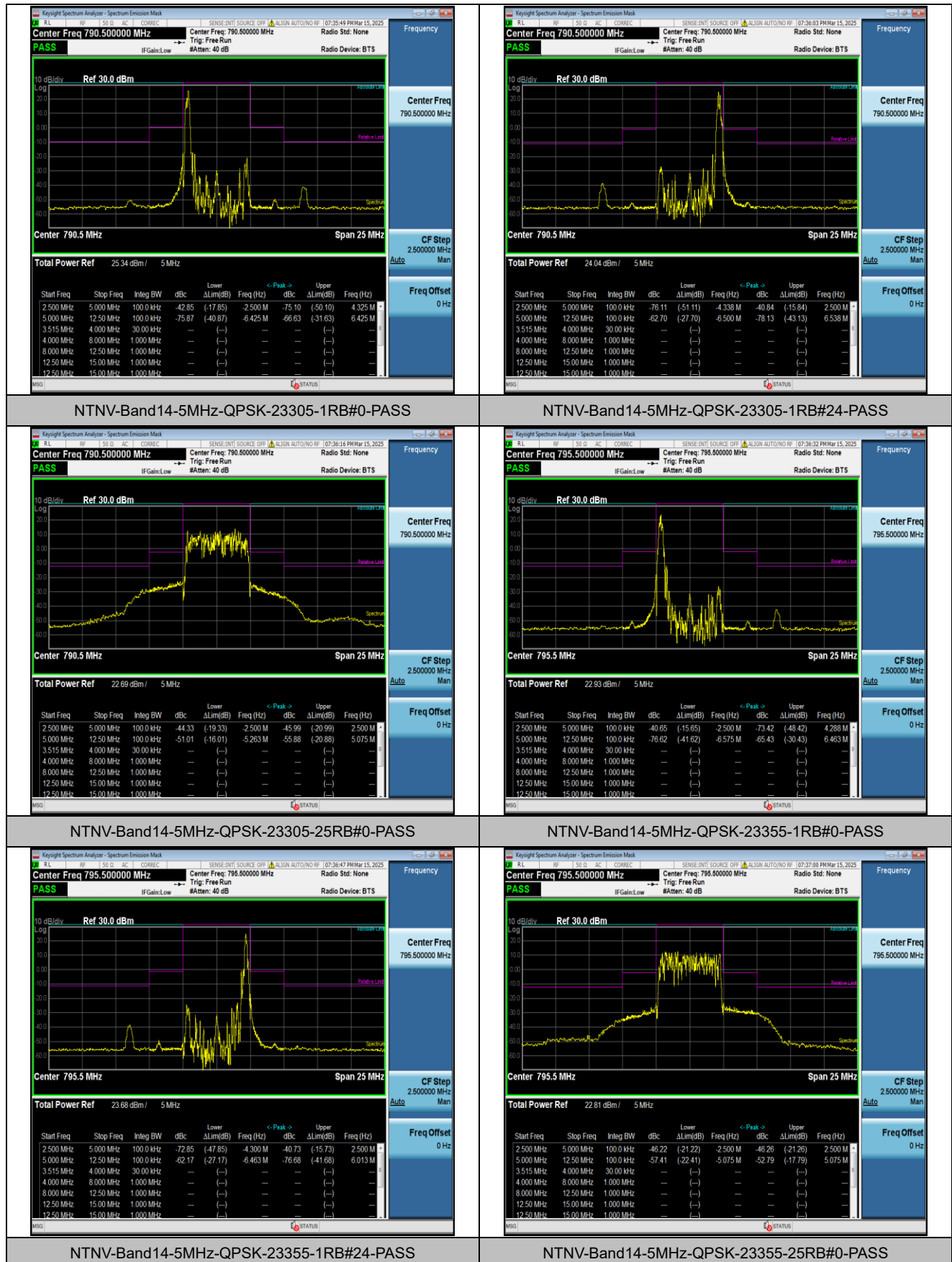
Effective (Isotropic) Radiated Power Output Data

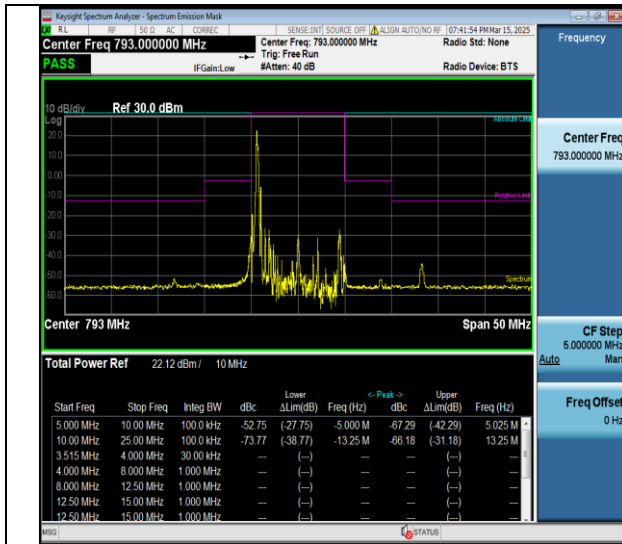
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band14	5MHz	QPSK	23305	1RB#0	23.37	20.72	34.77	PASS
Band14	5MHz	QPSK	23305	1RB#12	23.44	20.79	34.77	PASS
Band14	5MHz	QPSK	23305	1RB#24	23.36	20.71	34.77	PASS
Band14	5MHz	QPSK	23305	25RB#0	22.39	19.74	34.77	PASS
Band14	5MHz	16QAM	23305	1RB#0	22.88	20.23	34.77	PASS
Band14	5MHz	16QAM	23305	1RB#12	22.67	20.02	34.77	PASS
Band14	5MHz	16QAM	23305	1RB#24	22.84	20.19	34.77	PASS
Band14	5MHz	16QAM	23305	25RB#0	21.5	18.85	34.77	PASS
Band14	5MHz	QPSK	23330	1RB#0	23.38	20.73	34.77	PASS
Band14	5MHz	QPSK	23330	1RB#12	23.2	20.55	34.77	PASS
Band14	5MHz	QPSK	23330	1RB#24	23.2	20.55	34.77	PASS
Band14	5MHz	QPSK	23330	25RB#0	22.25	19.6	34.77	PASS
Band14	5MHz	16QAM	23330	1RB#0	22.67	20.02	34.77	PASS
Band14	5MHz	16QAM	23330	1RB#12	22.59	19.94	34.77	PASS
Band14	5MHz	16QAM	23330	1RB#24	22.37	19.72	34.77	PASS
Band14	5MHz	16QAM	23330	25RB#0	21.4	18.75	34.77	PASS
Band14	5MHz	QPSK	23355	1RB#0	23.25	20.6	34.77	PASS
Band14	5MHz	QPSK	23355	1RB#12	23.27	20.62	34.77	PASS
Band14	5MHz	QPSK	23355	1RB#24	23.24	20.59	34.77	PASS
Band14	5MHz	QPSK	23355	25RB#0	22.18	19.53	34.77	PASS
Band14	5MHz	16QAM	23355	1RB#0	22.83	20.18	34.77	PASS
Band14	5MHz	16QAM	23355	1RB#12	22.43	19.78	34.77	PASS
Band14	5MHz	16QAM	23355	1RB#24	22.78	20.13	34.77	PASS
Band14	5MHz	16QAM	23355	25RB#0	21.36	18.71	34.77	PASS
Band14	10MHz	QPSK	23330	1RB#0	23.13	20.48	34.77	PASS
Band14	10MHz	QPSK	23330	1RB#24	23.31	20.66	34.77	PASS
Band14	10MHz	QPSK	23330	1RB#49	23.17	20.52	34.77	PASS
Band14	10MHz	QPSK	23330	50RB#0	22.28	19.63	34.77	PASS
Band14	10MHz	16QAM	23330	1RB#0	22.74	20.09	34.77	PASS
Band14	10MHz	16QAM	23330	1RB#24	22.82	20.17	34.77	PASS
Band14	10MHz	16QAM	23330	1RB#49	22.8	20.15	34.77	PASS
Band14	10MHz	16QAM	23330	50RB#0	21.45	18.8	34.77	PASS

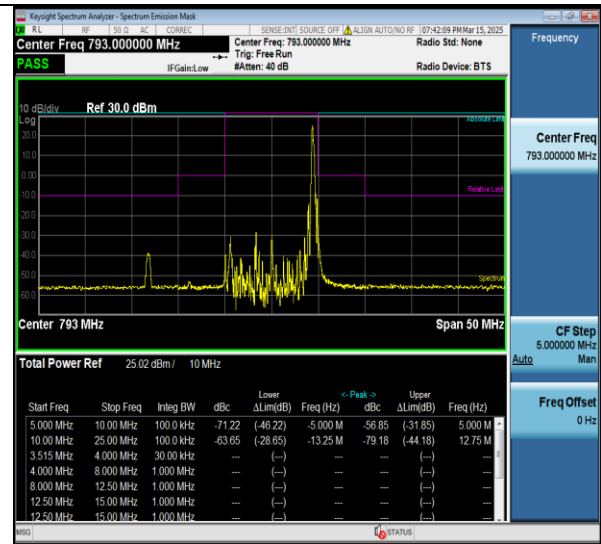
Spectrum_emission_mask

Test Graphs

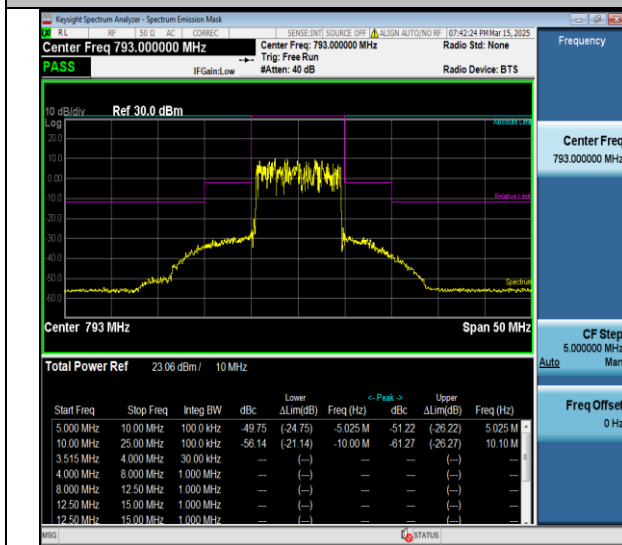




NTNV-Band14-10MHz-QPSK-23330-1RB#0-PASS



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



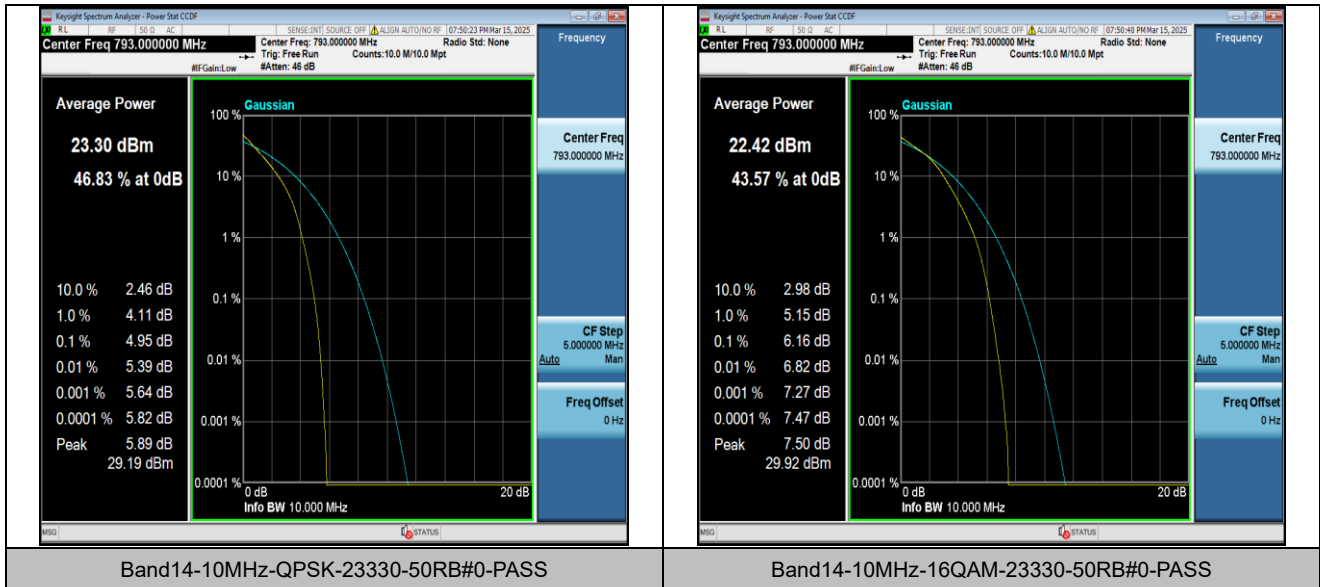
NTNV-Band14-10MHz-QPSK-23330-50RB#0-PASS

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band14	10MHz	QPSK	23330	50RB#0	4.95	13	PASS
Band14	10MHz	16QAM	23330	50RB#0	6.16	13	PASS

Test Graphs

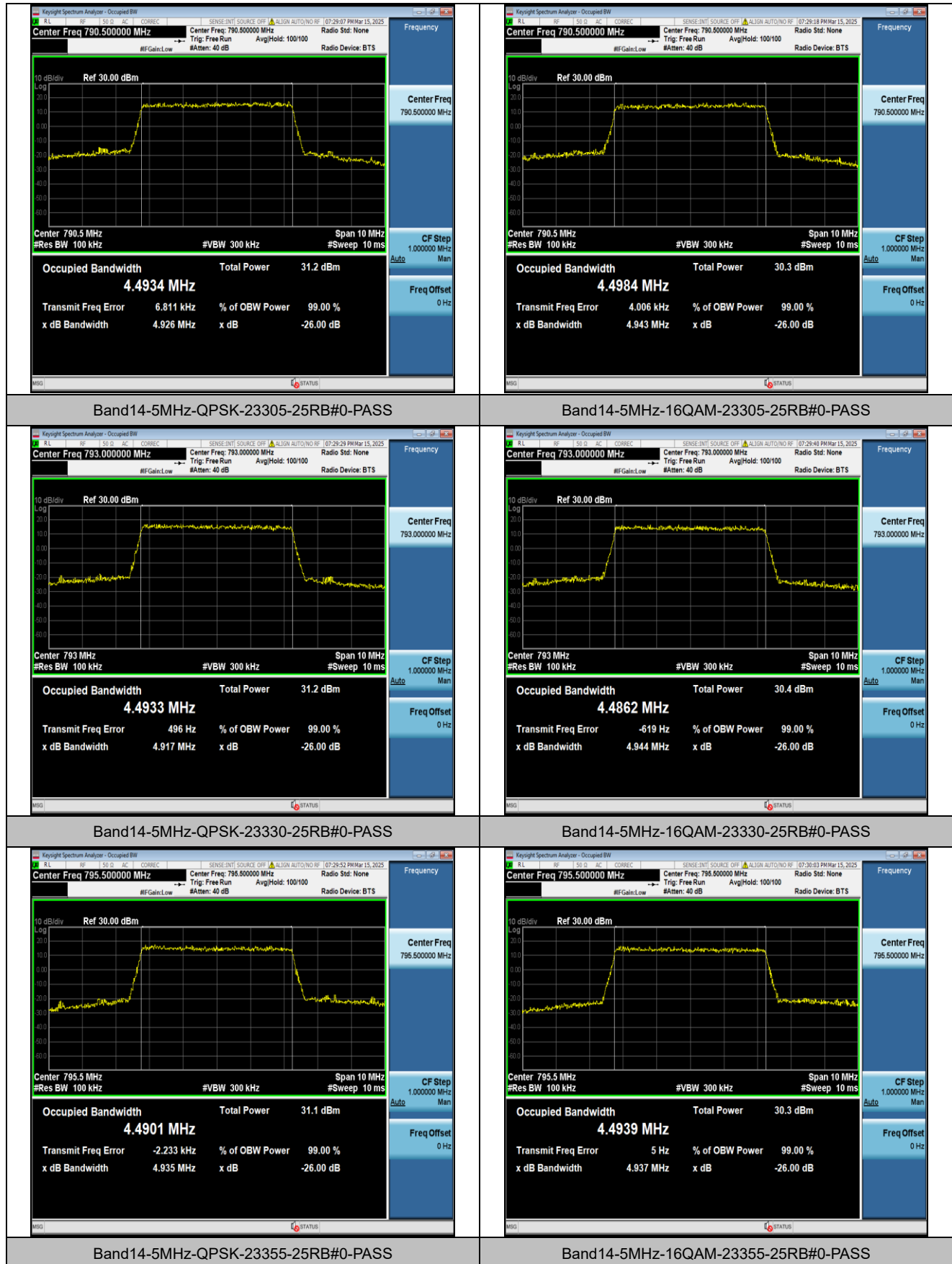


26dB Bandwidth and Occupied Bandwidth

Test Result

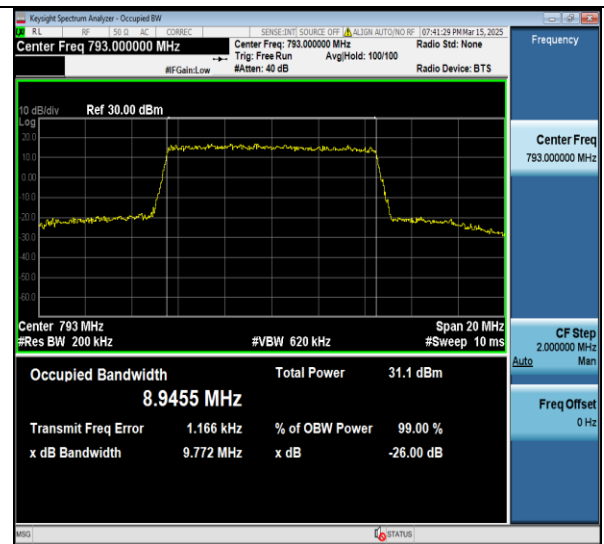
Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band14	5MHz	QPSK	23305	25RB#0	4.4934	4.926	PASS
Band14	5MHz	16QAM	23305	25RB#0	4.4984	4.943	PASS
Band14	5MHz	QPSK	23330	25RB#0	4.4933	4.917	PASS
Band14	5MHz	16QAM	23330	25RB#0	4.4862	4.944	PASS
Band14	5MHz	QPSK	23355	25RB#0	4.4901	4.935	PASS
Band14	5MHz	16QAM	23355	25RB#0	4.4939	4.937	PASS
Band14	10MHz	QPSK	23330	50RB#0	8.9679	9.795	PASS
Band14	10MHz	16QAM	23330	50RB#0	8.9455	9.772	PASS

Test Graphs





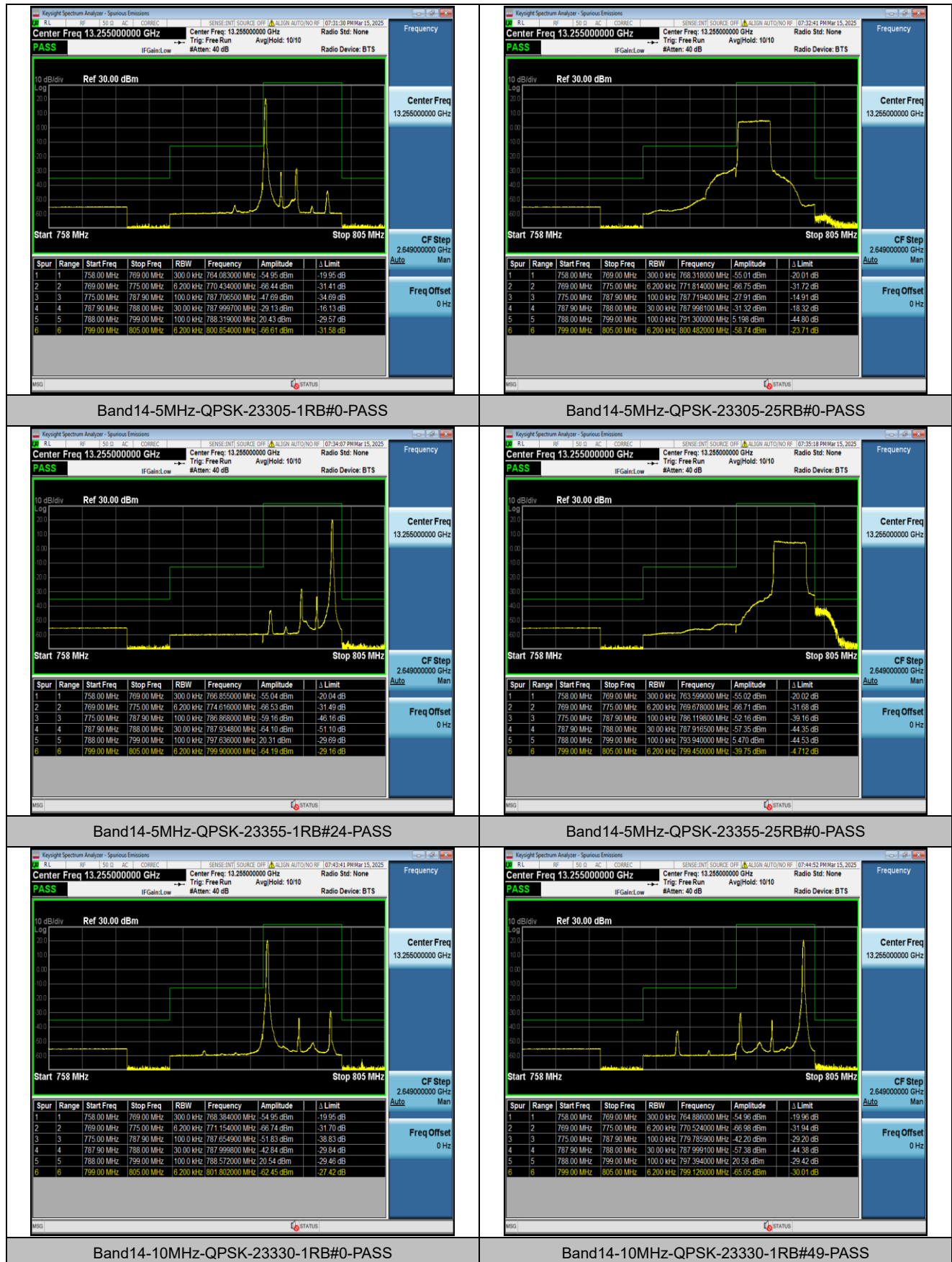
Band14-10MHz-QPSK-23330-50RB#0-PASS

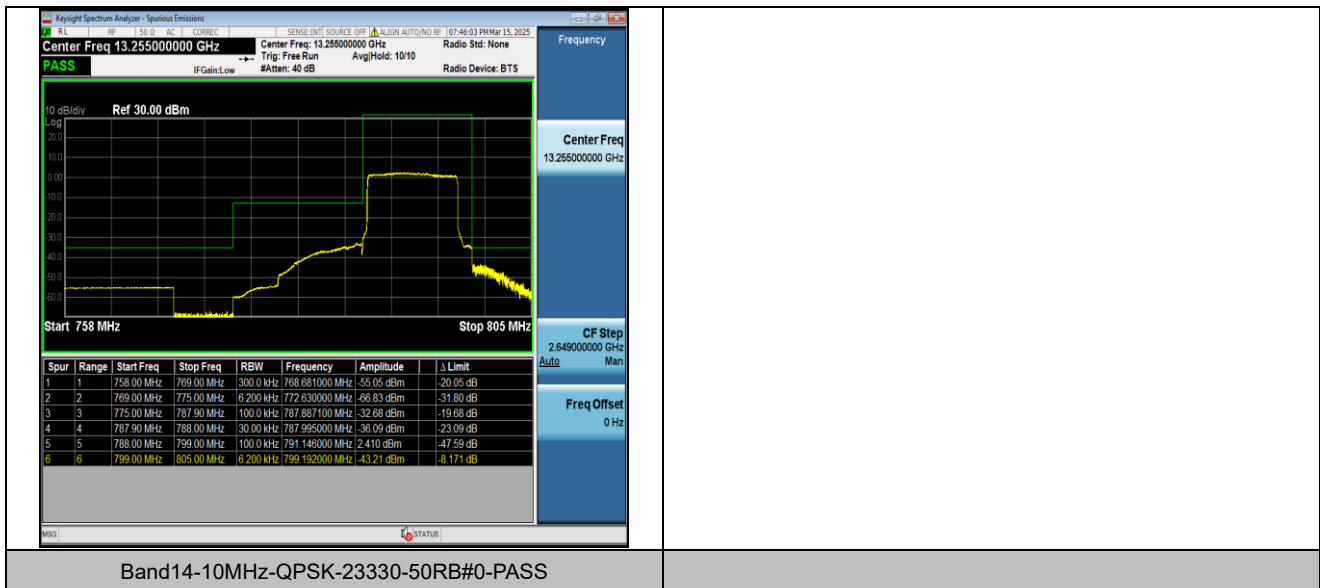


Band14-10MHz-16QAM-23330-50RB#0-PASS

Band Edge

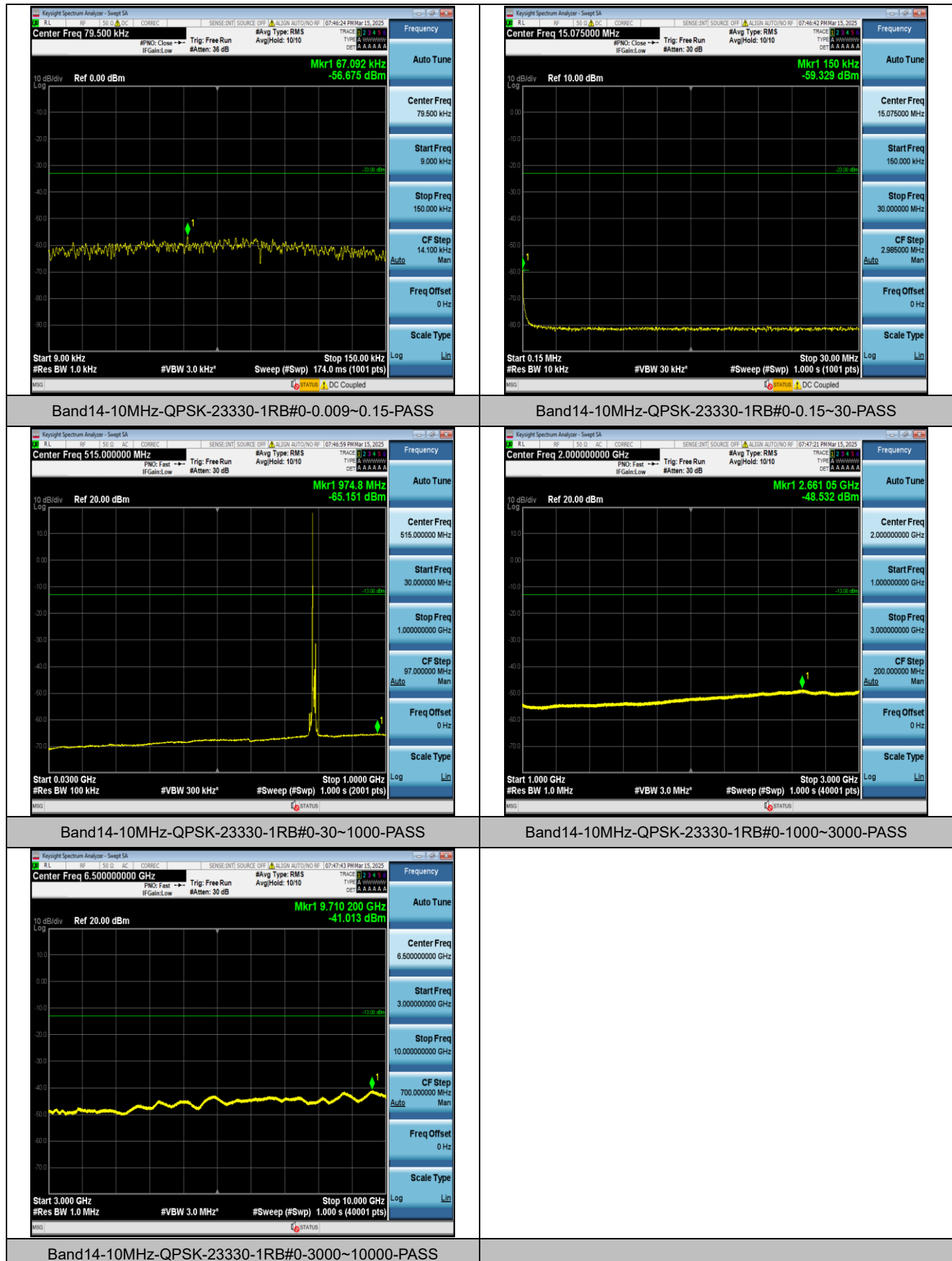
Test Graphs





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	-1.60	-0.002018	PASS
Band14	10MHz	QPSK	23330	50RB#0	VL	NT	-2.70	-0.003405	PASS
Band14	10MHz	QPSK	23330	50RB#0	VH	NT	-4.90	-0.006179	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	-4.90	-0.006179	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	-20	-1.20	-0.001513	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	-10	-5.40	-0.006810	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	0	-6.80	-0.008575	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	10	-7.60	-0.009584	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	20	-7.00	-0.008827	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	30	-5.60	-0.007062	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	40	-5.20	-0.006557	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	50	-4.10	-0.005170	PASS

~The End~