

Appendix-A LTE Band 14

Effective (Isotropic) Radiated Power Output Data

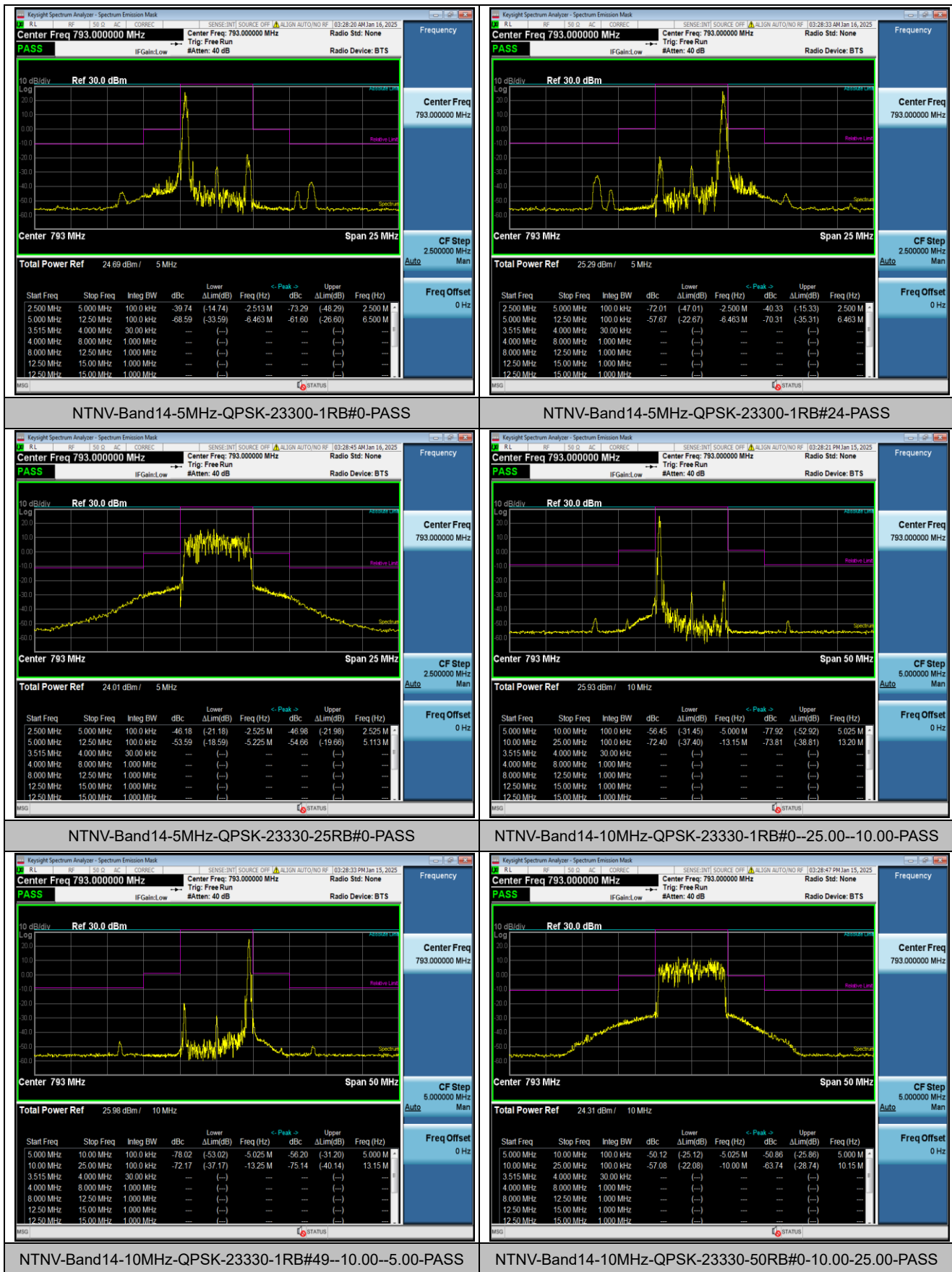
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band14	5MHz	QPSK	23305	1RB#0	23.42	20.77	34.77	PASS
Band14	5MHz	QPSK	23305	1RB#12	23.81	21.16	34.77	PASS
Band14	5MHz	QPSK	23305	1RB#24	23.57	20.92	34.77	PASS
Band14	5MHz	QPSK	23305	25RB#0	22.76	20.11	34.77	PASS
Band14	5MHz	16QAM	23305	1RB#0	22.53	19.88	34.77	PASS
Band14	5MHz	16QAM	23305	1RB#12	22.70	20.05	34.77	PASS
Band14	5MHz	16QAM	23305	1RB#24	22.66	20.01	34.77	PASS
Band14	5MHz	16QAM	23305	25RB#0	21.84	19.19	34.77	PASS
Band14	5MHz	QPSK	23330	1RB#0	23.72	21.07	34.77	PASS
Band14	5MHz	QPSK	23330	1RB#12	24.10	21.45	34.77	PASS
Band14	5MHz	QPSK	23330	1RB#24	23.75	21.10	34.77	PASS
Band14	5MHz	QPSK	23330	25RB#0	22.67	20.02	34.77	PASS
Band14	5MHz	16QAM	23330	1RB#0	22.97	20.32	34.77	PASS
Band14	5MHz	16QAM	23330	1RB#12	22.70	20.05	34.77	PASS
Band14	5MHz	16QAM	23330	1RB#24	22.82	20.17	34.77	PASS
Band14	5MHz	16QAM	23330	25RB#0	21.65	19.00	34.77	PASS
Band14	5MHz	QPSK	23355	1RB#0	23.63	20.98	34.77	PASS
Band14	5MHz	QPSK	23355	1RB#12	23.80	21.15	34.77	PASS
Band14	5MHz	QPSK	23355	1RB#24	23.58	20.93	34.77	PASS
Band14	5MHz	QPSK	23355	25RB#0	22.75	20.10	34.77	PASS
Band14	5MHz	16QAM	23355	1RB#0	22.74	20.09	34.77	PASS
Band14	5MHz	16QAM	23355	1RB#12	22.48	19.83	34.77	PASS
Band14	5MHz	16QAM	23355	1RB#24	22.67	20.02	34.77	PASS
Band14	5MHz	16QAM	23355	25RB#0	21.72	19.07	34.77	PASS
Band14	10MHz	QPSK	23330	1RB#0	23.31	20.66	34.77	PASS
Band14	10MHz	QPSK	23330	1RB#24	23.75	21.10	34.77	PASS
Band14	10MHz	QPSK	23330	1RB#49	23.62	20.97	34.77	PASS
Band14	10MHz	QPSK	23330	50RB#0	22.70	20.05	34.77	PASS
Band14	10MHz	16QAM	23330	1RB#0	22.71	20.06	34.77	PASS
Band14	10MHz	16QAM	23330	1RB#24	22.63	19.98	34.77	PASS
Band14	10MHz	16QAM	23330	1RB#49	22.45	19.8	34.77	PASS
Band14	10MHz	16QAM	23330	50RB#0	21.76	19.11	34.77	PASS

Spectrum_emission_mask

Test Graphs



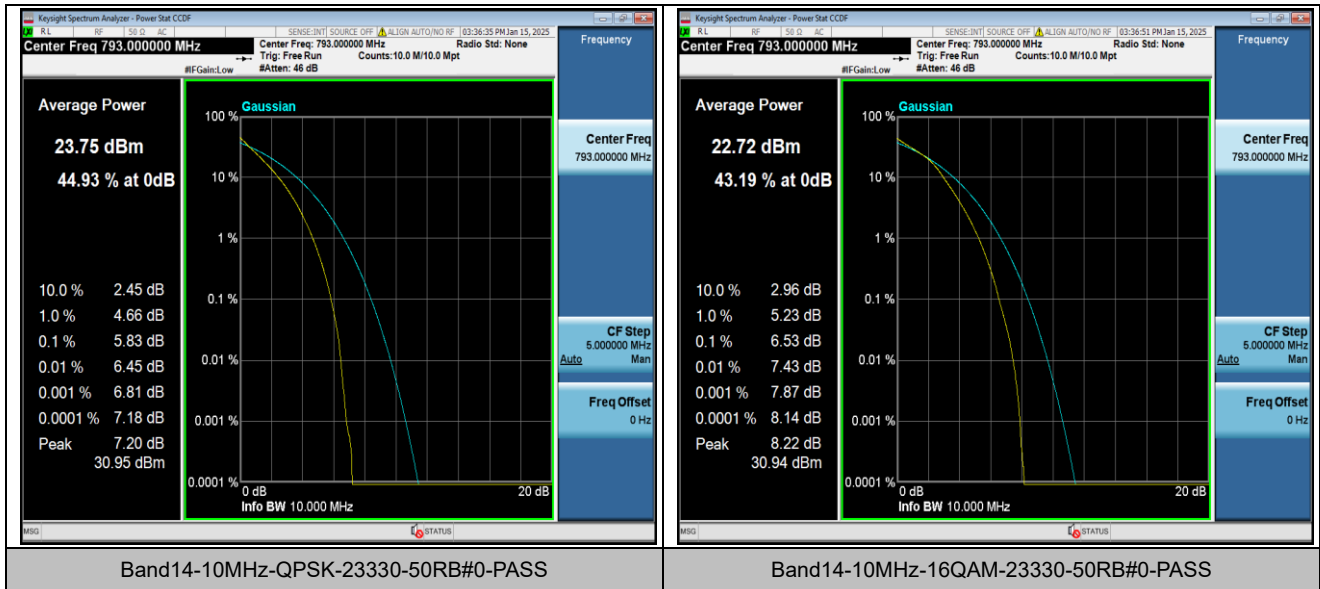


Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band14	10MHz	QPSK	23330	50RB#0	5.83	13	PASS
Band14	10MHz	16QAM	23330	50RB#0	6.53	13	PASS

Test Graphs

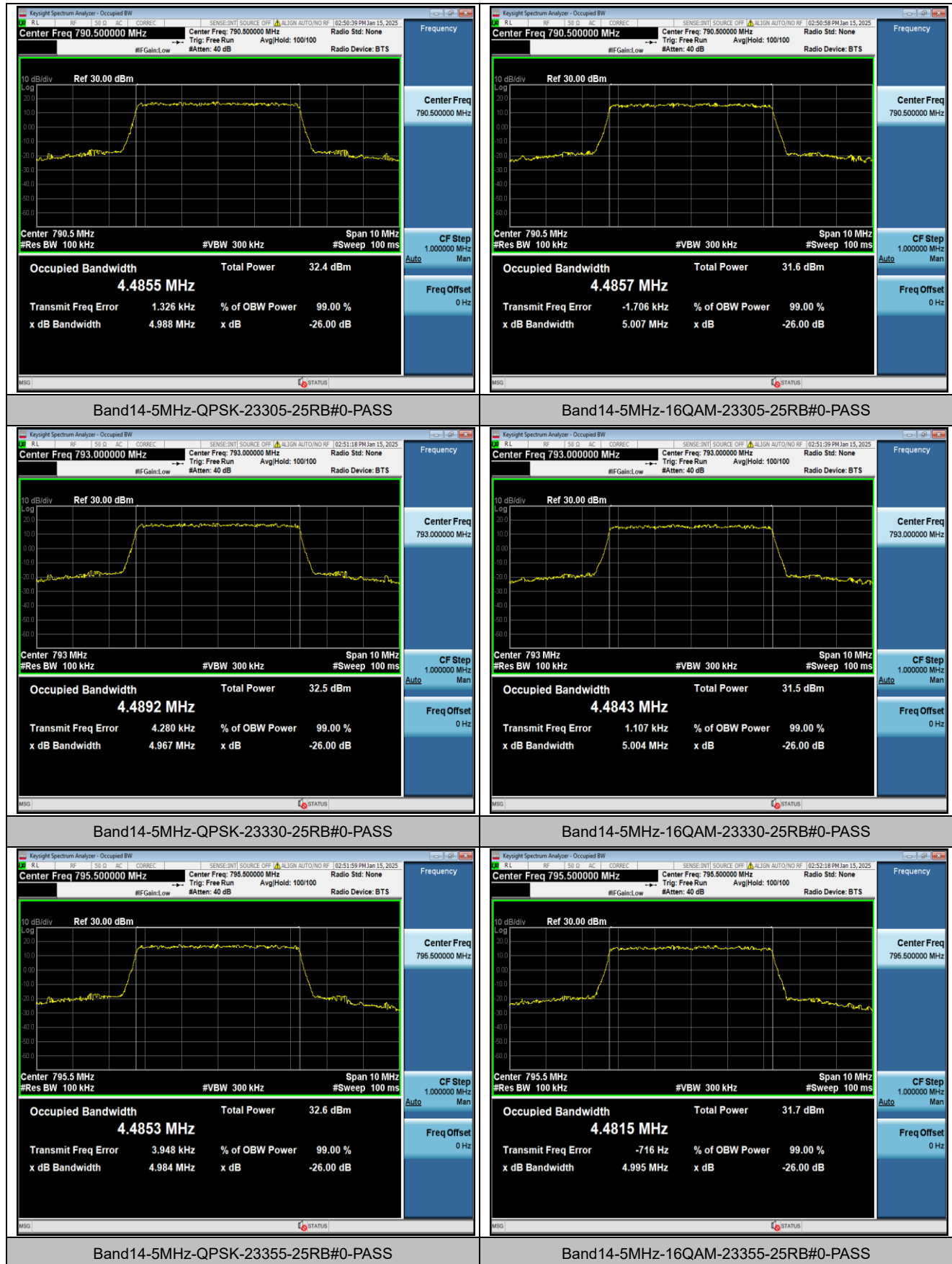


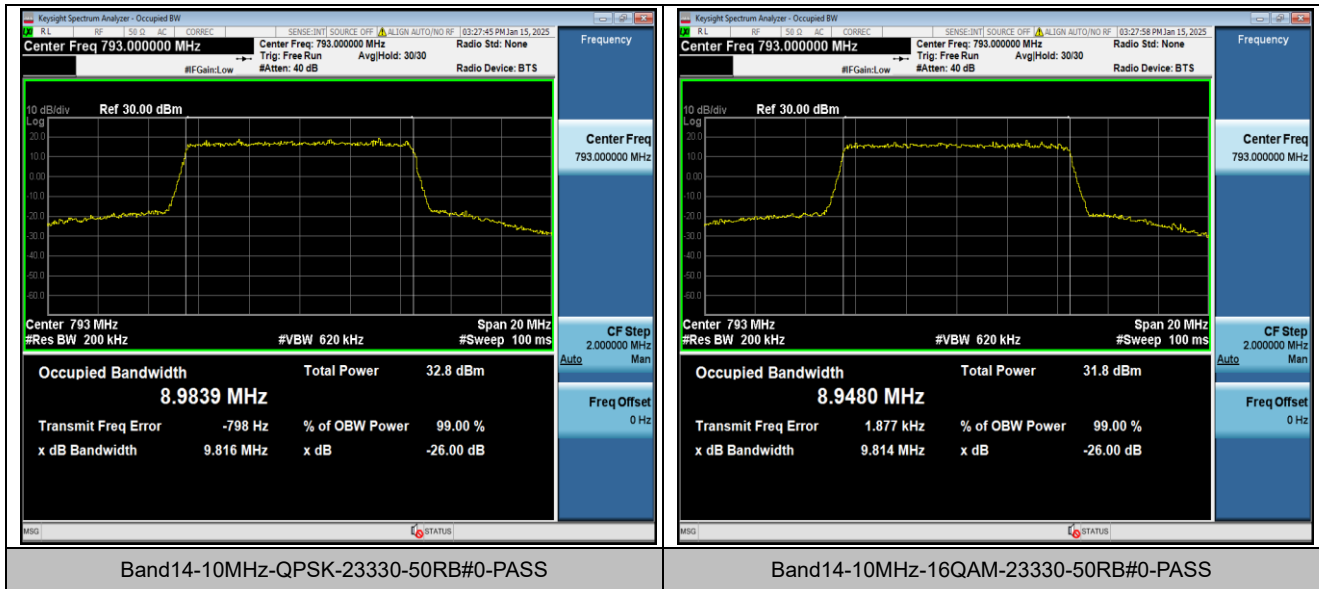
26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band14	5MHz	QPSK	23305	25RB#0	4.4855	4.988	PASS
Band14	5MHz	16QAM	23305	25RB#0	4.4857	5.007	PASS
Band14	5MHz	QPSK	23330	25RB#0	4.4892	4.967	PASS
Band14	5MHz	16QAM	23330	25RB#0	4.4843	5.004	PASS
Band14	5MHz	QPSK	23355	25RB#0	4.4853	4.984	PASS
Band14	5MHz	16QAM	23355	25RB#0	4.4815	4.995	PASS
Band14	10MHz	QPSK	23330	50RB#0	8.9839	9.816	PASS
Band14	10MHz	16QAM	23330	50RB#0	8.9480	9.814	PASS

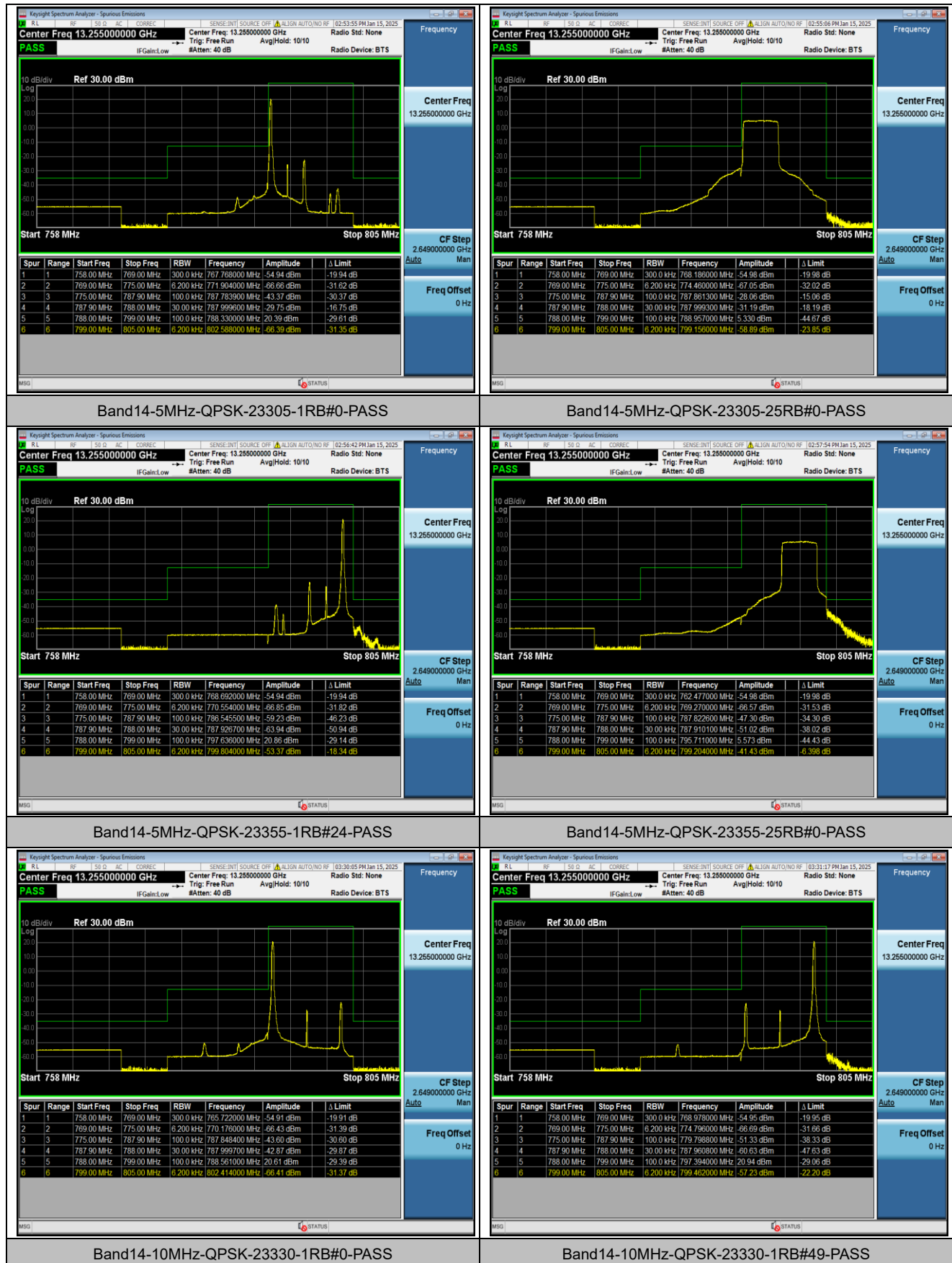
Test Graphs

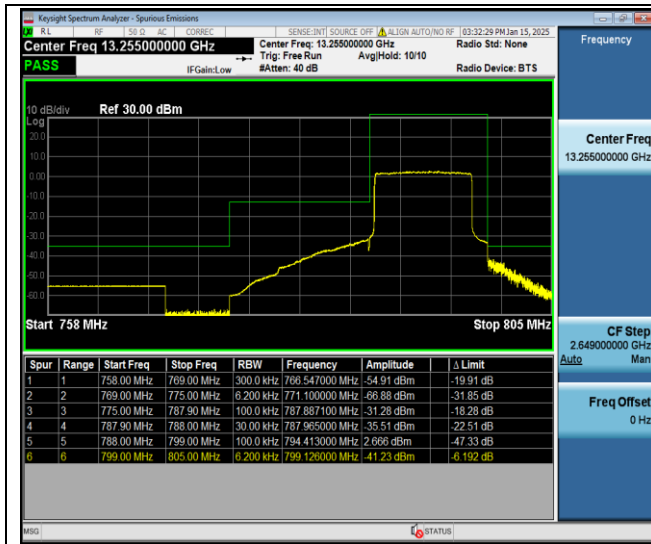




Band Edge

Test Graphs

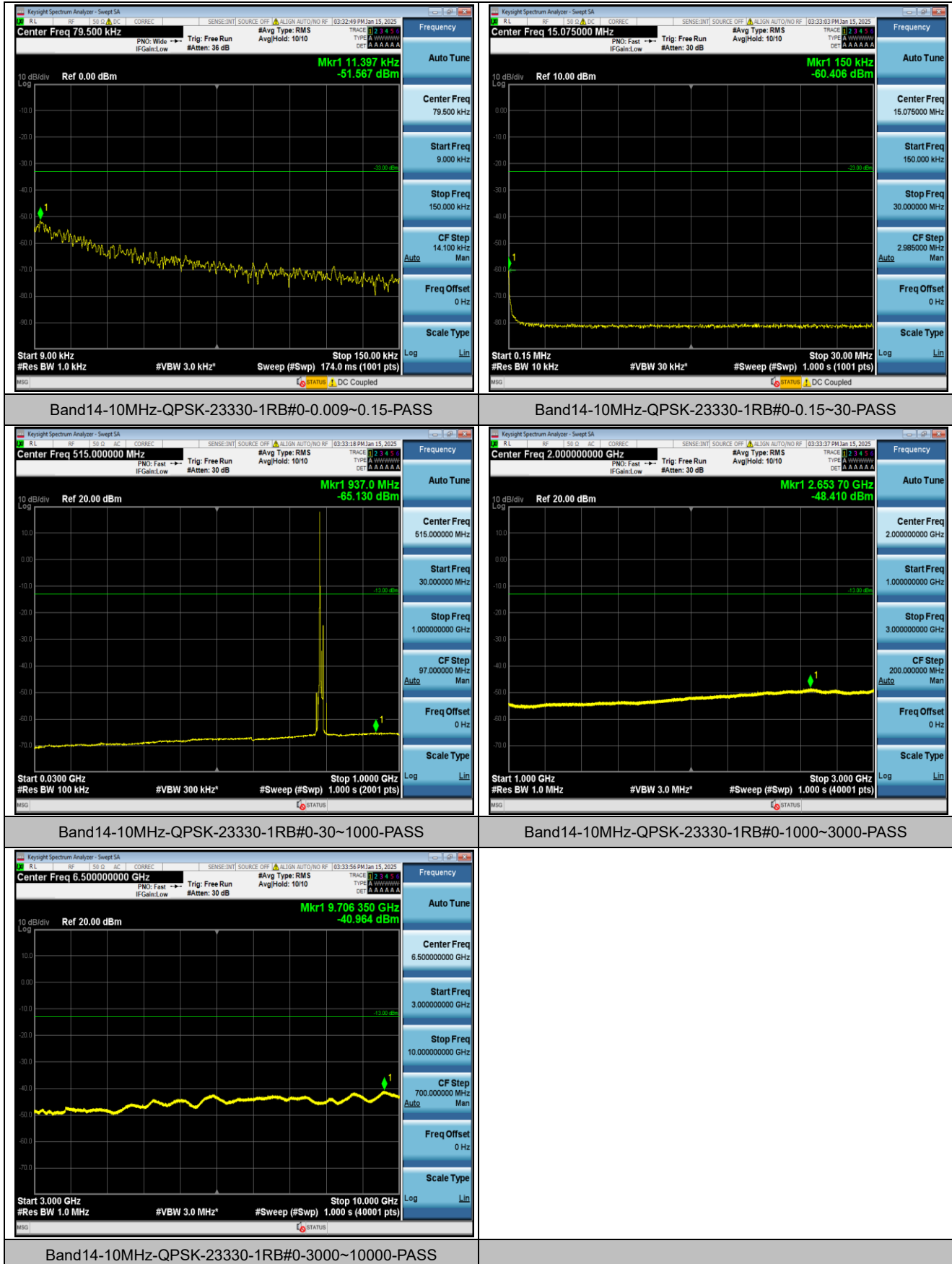




Band14-10MHz-QPSK-23330-50RB#0-PASS

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	0.20	0.000252	PASS
Band14	10MHz	QPSK	23330	50RB#0	VL	NT	0.30	0.000378	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	-0.40	-0.000504	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	-20	0.90	0.001135	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	-10	0.90	0.001135	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	0	0.10	0.000126	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	10	-0.30	-0.000378	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	20	-0.80	-0.001009	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	30	0.10	0.000126	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	40	-0.60	-0.000757	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	50	-0.60	-0.000757	PASS

~The End~