

Appendix-A LTE Band 17

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	23.33	20.68	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.34	20.69	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#24	23.26	20.61	34.77	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.33	19.68	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.63	19.98	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#12	22.5	19.85	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.35	19.7	34.77	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.46	18.81	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.24	20.59	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.24	20.59	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.17	20.52	34.77	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.27	19.62	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.86	20.21	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.7	20.05	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.69	20.04	34.77	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.38	18.73	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.23	20.58	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#12	23.16	20.51	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#24	23.12	20.47	34.77	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.22	19.57	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.44	19.79	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.61	19.96	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.44	19.79	34.77	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.34	18.69	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.31	20.66	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.24	20.59	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.18	20.53	34.77	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.31	19.66	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.47	19.82	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.72	20.07	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.27	19.62	34.77	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.4	18.75	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.33	20.68	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.33	20.68	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.06	20.41	34.77	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.24	19.59	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.76	20.11	34.77	PASS

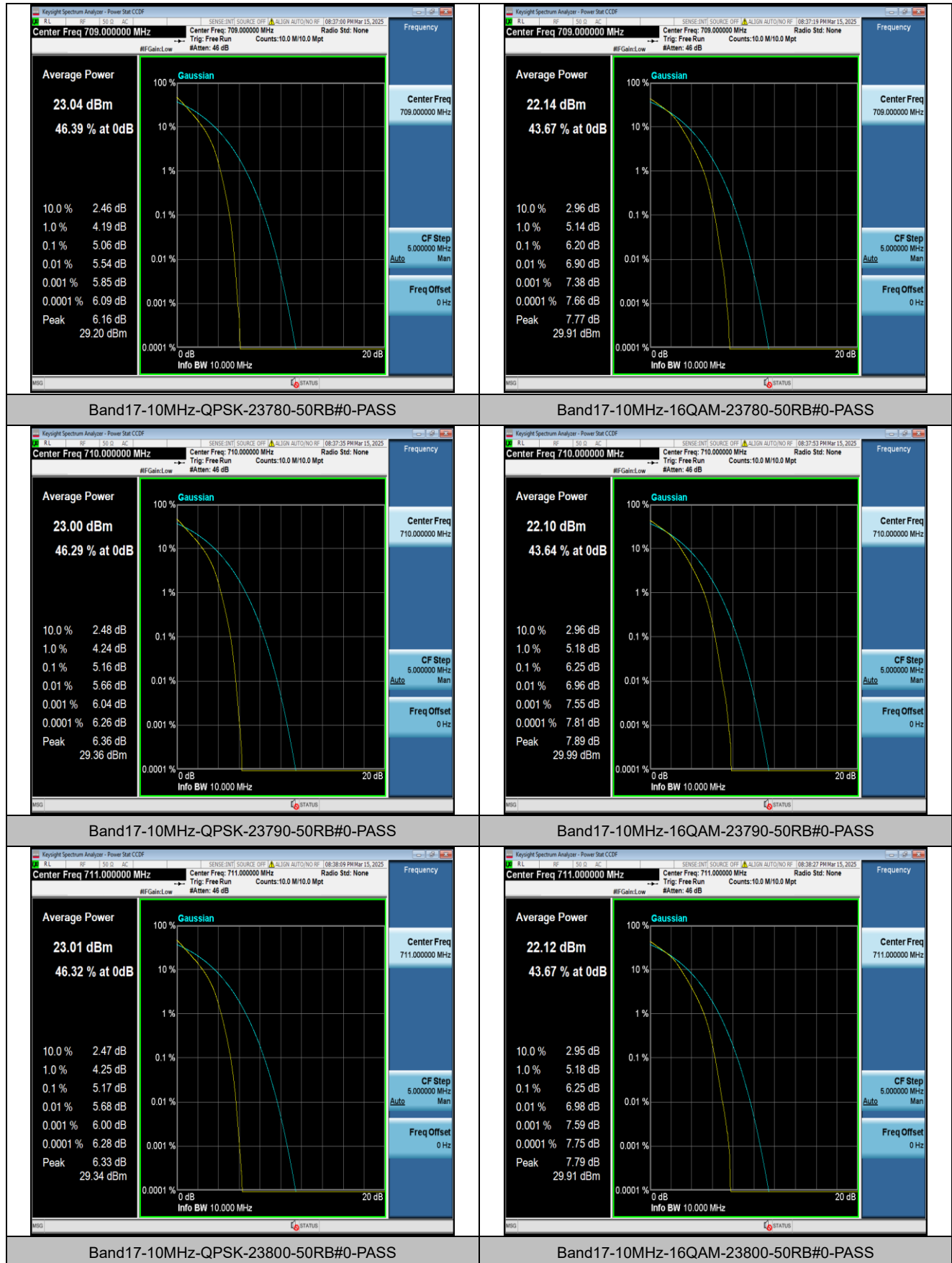
Band17	10MHz	16QAM	23790	1RB#24	22.68	20.03	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.62	19.97	34.77	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.35	18.7	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.28	20.63	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.27	20.62	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.03	20.38	34.77	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.28	19.63	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.73	20.08	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.67	20.02	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.14	19.49	34.77	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.33	18.68	34.77	PASS

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band17	10MHz	QPSK	23780	50RB#0	5.06	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.20	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.16	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.25	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.17	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.25	13	PASS

Test Graphs

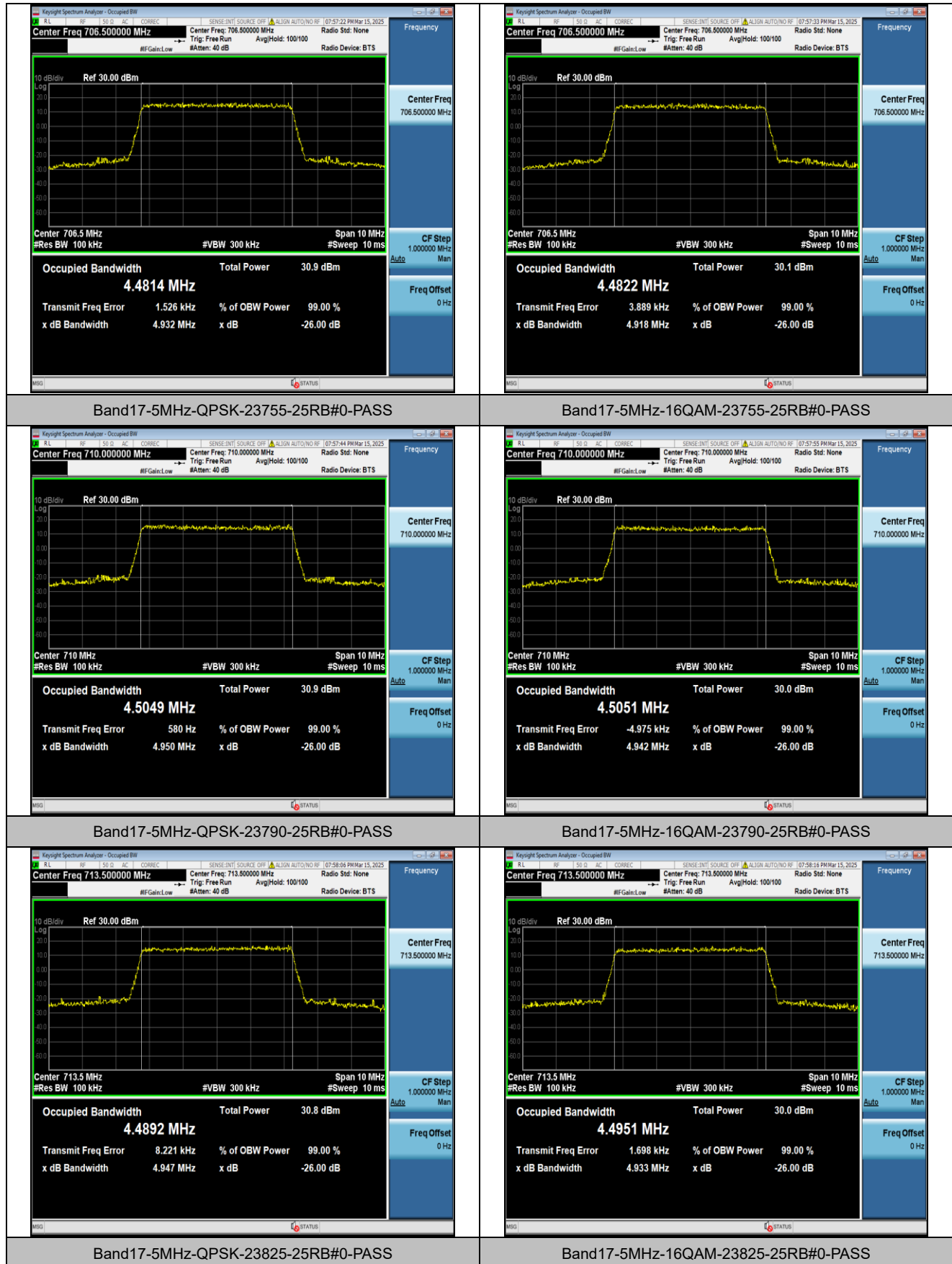


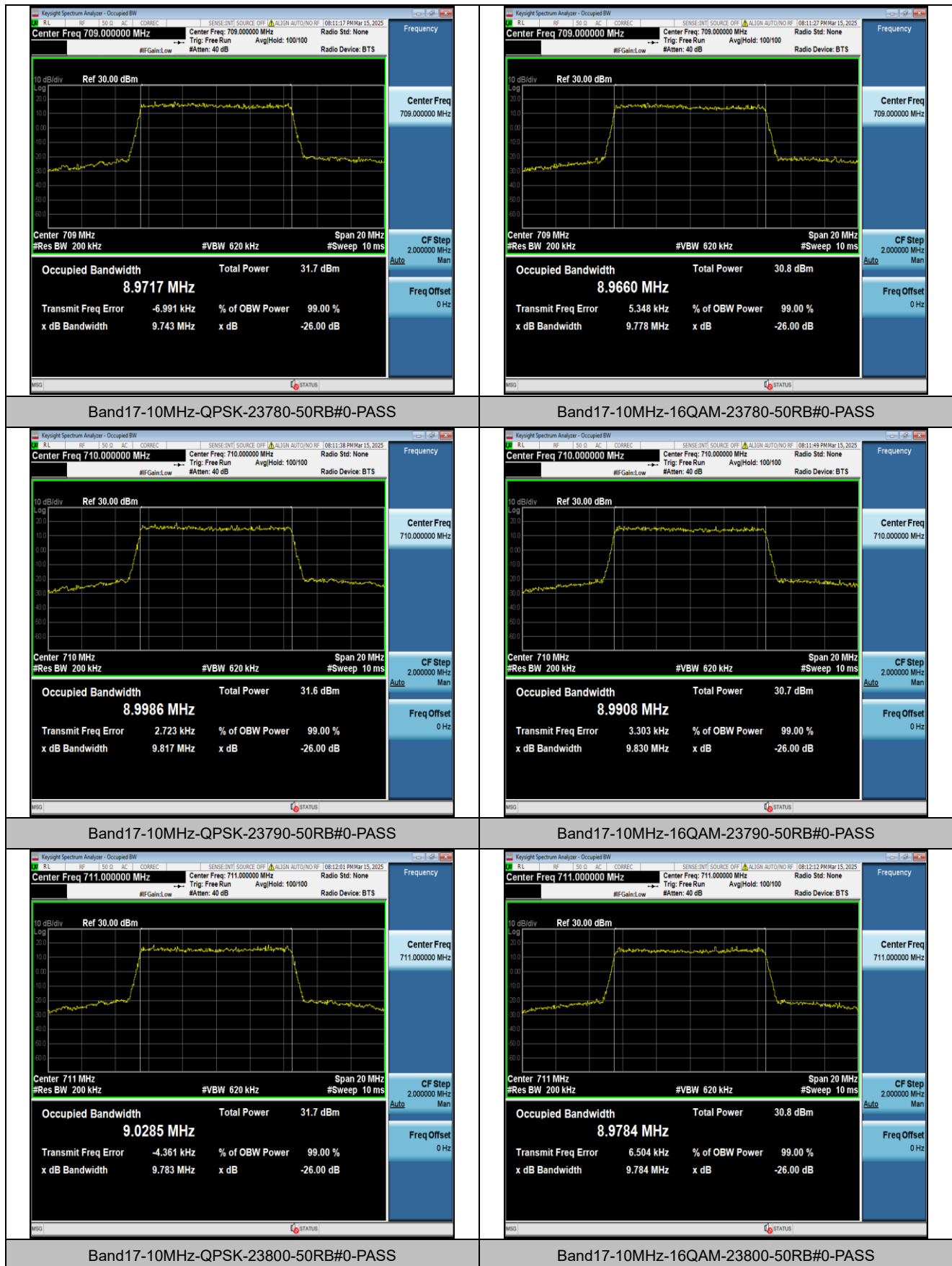
26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.4814	4.932	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.4822	4.918	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5049	4.950	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5051	4.942	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.4892	4.947	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.4951	4.933	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9717	9.743	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9660	9.778	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9986	9.817	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9908	9.830	PASS
Band17	10MHz	QPSK	23800	50RB#0	9.0285	9.783	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9784	9.784	PASS

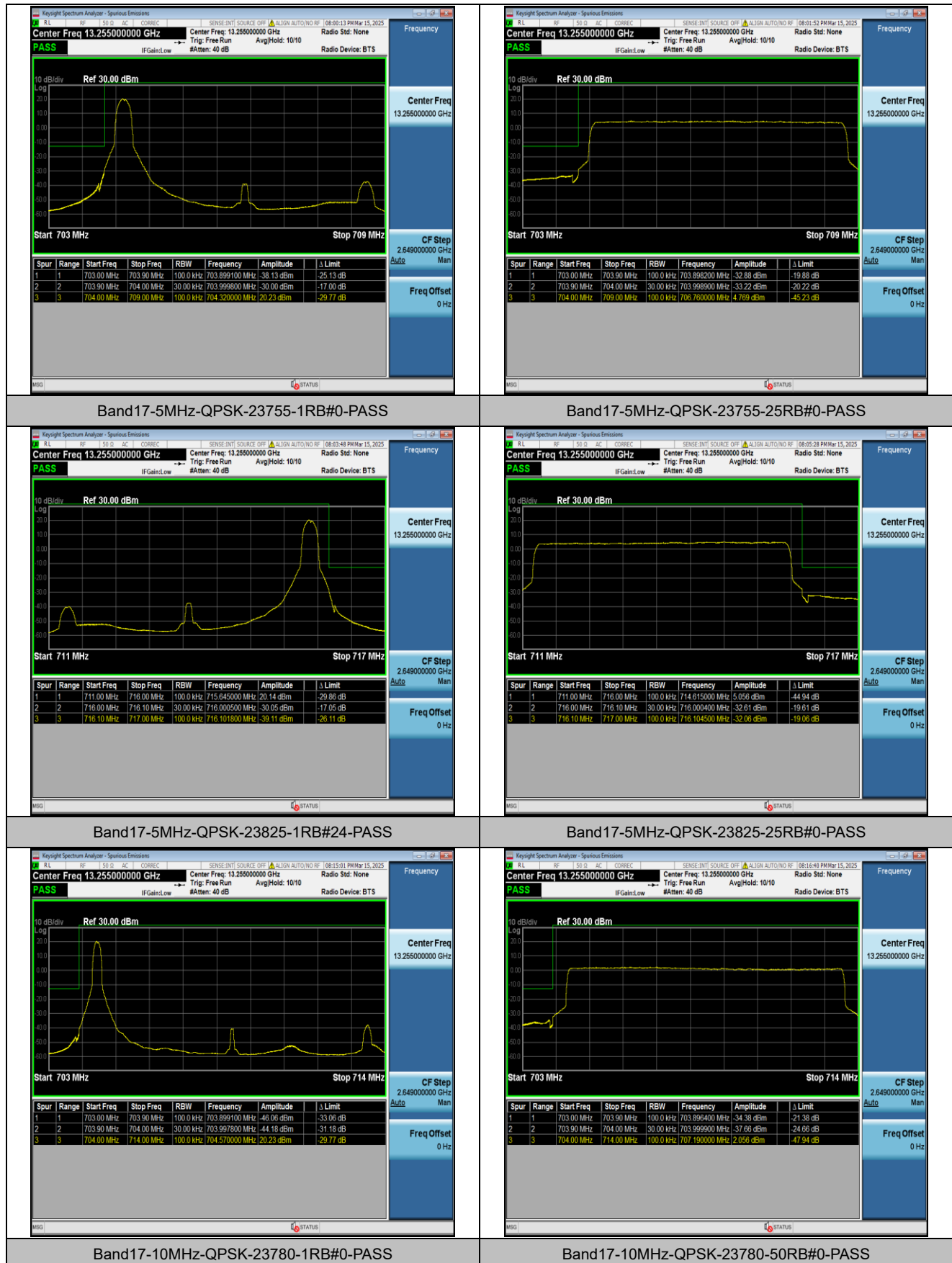
Test Graphs

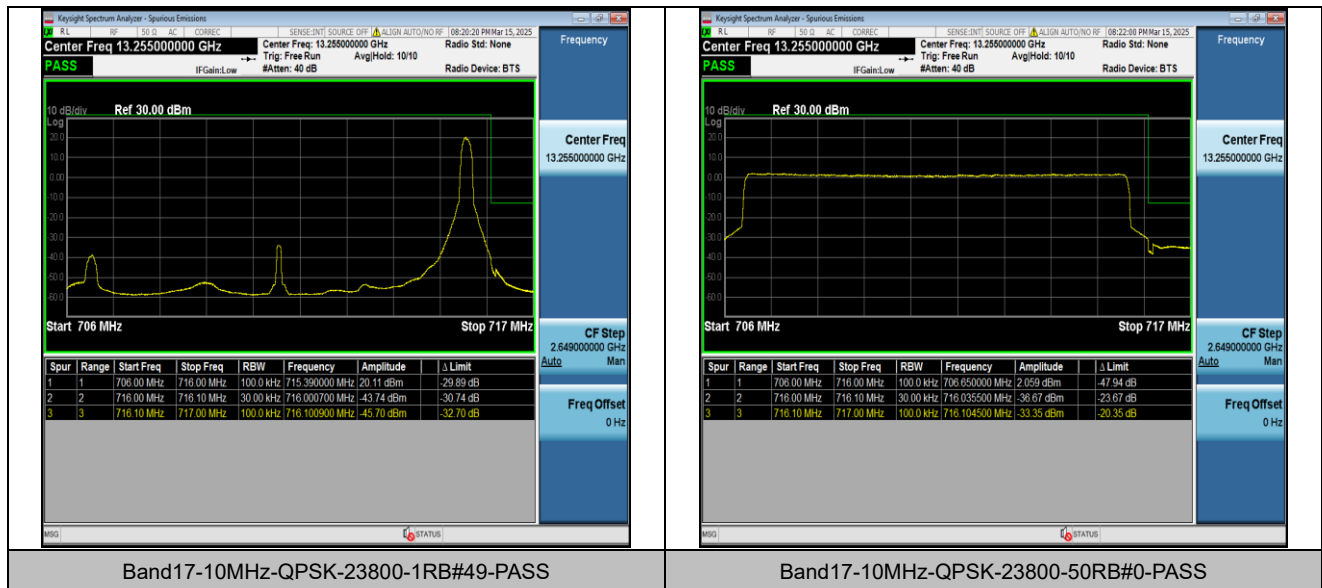




Band Edge

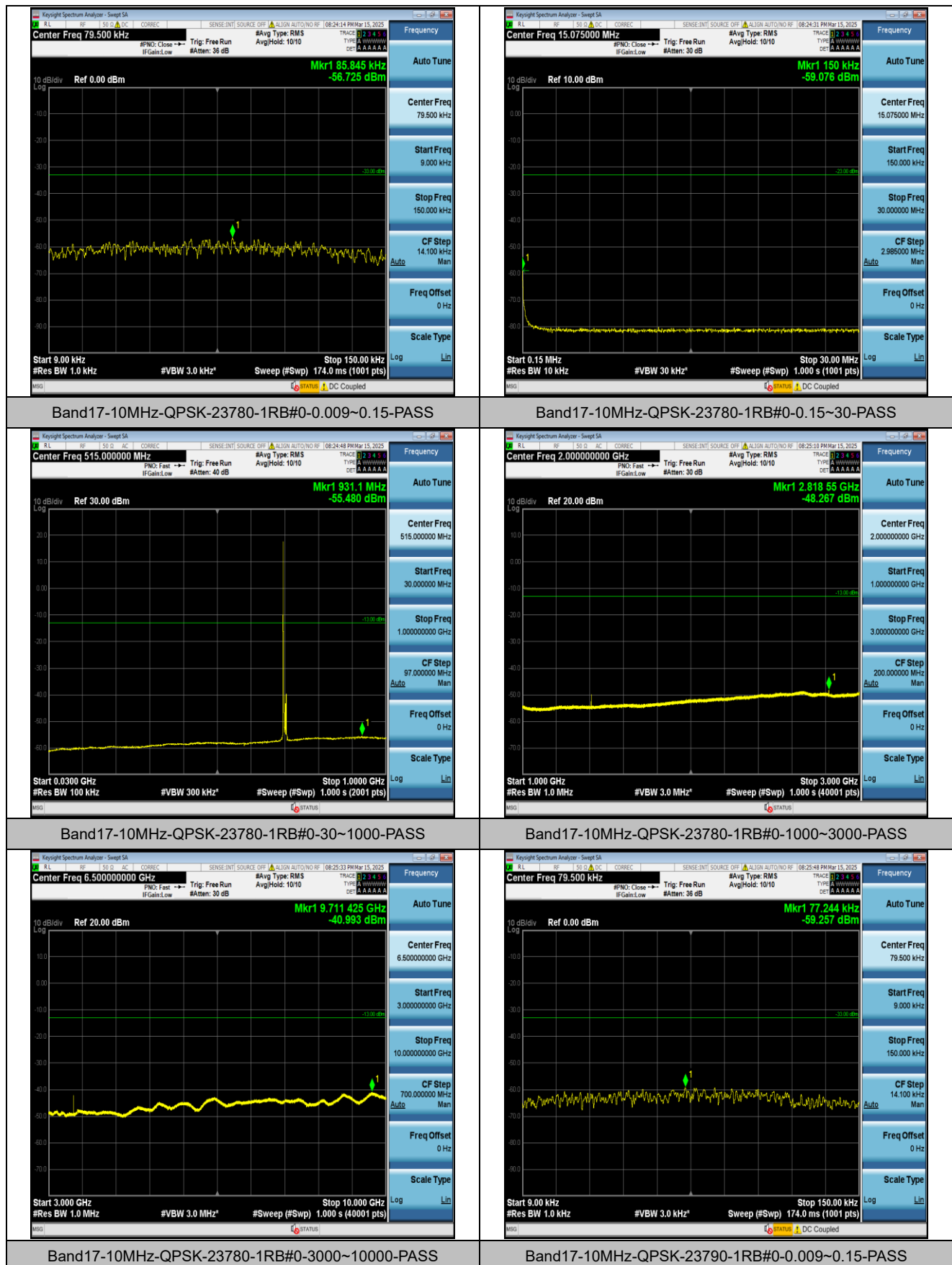
Test Graphs

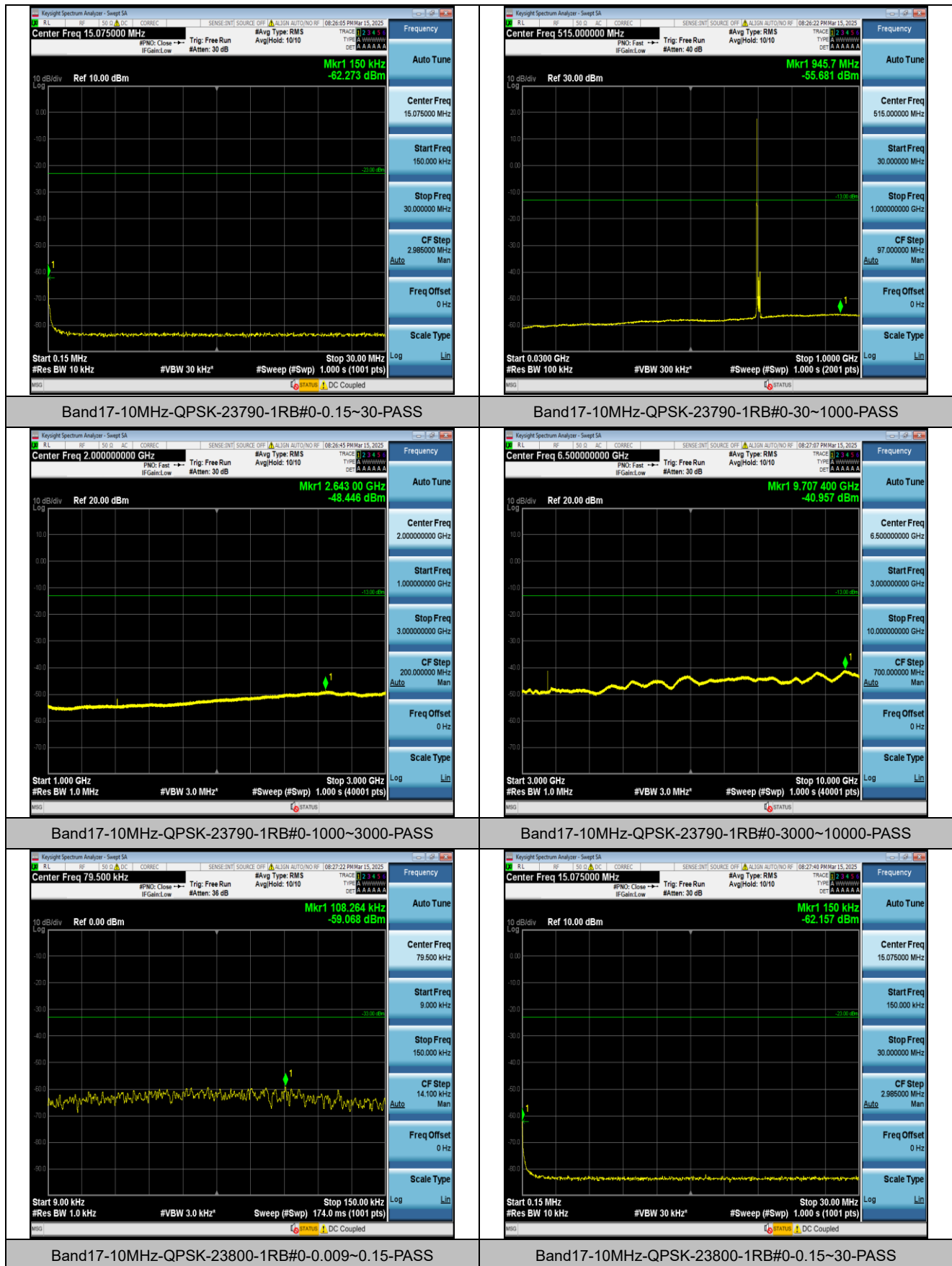


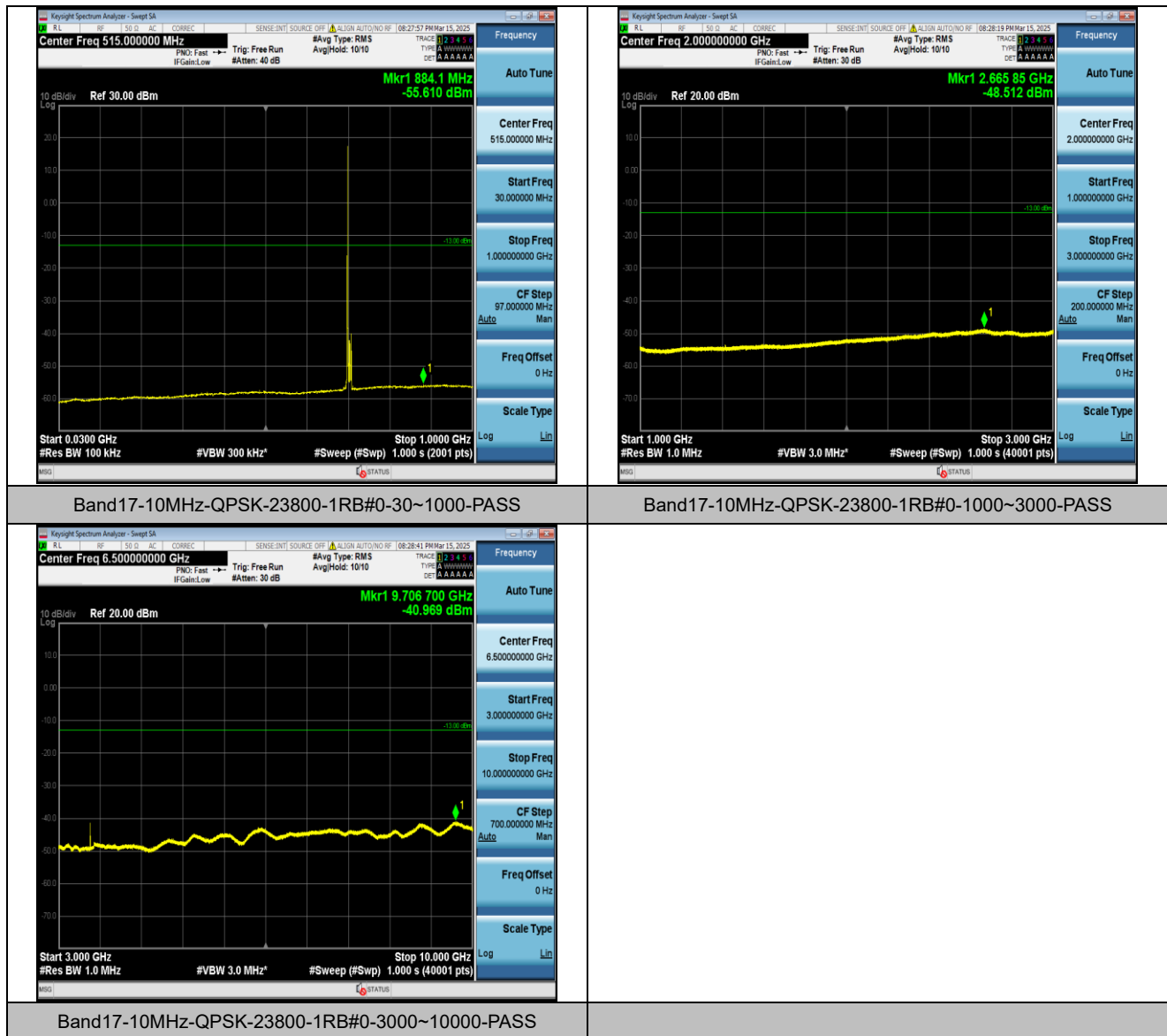


Conducted Spurious Emission

Test Graphs







Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	-0.10	-0.000141	PASS
Band17	10MHz	QPSK	23790	50RB#0	VL	NT	3.00	0.004225	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	5.00	0.007042	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	3.90	0.005493	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	-1.50	-0.002113	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	1.90	0.002676	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	3.30	0.004648	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	2.50	0.003521	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	7.00	0.009859	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	-1.40	-0.001972	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	0.30	0.000423	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	5.00	0.007042	PASS

~The End~