

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	23.54	20.89	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.60	20.95	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#24	23.47	20.82	34.77	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.65	20	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.83	20.18	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#12	22.48	19.83	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.53	19.88	34.77	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.62	18.97	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.52	20.87	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.84	21.19	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.50	20.85	34.77	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.74	20.09	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.54	19.89	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.45	19.8	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.49	19.84	34.77	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.71	19.06	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.62	20.97	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#12	23.79	21.14	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#24	23.58	20.93	34.77	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.71	20.06	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.53	19.88	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.51	19.86	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.70	20.05	34.77	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.50	18.85	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.55	20.9	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.97	21.32	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.98	21.33	34.77	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.76	20.11	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.58	19.93	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#24	23.29	20.64	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#49	23.32	20.67	34.77	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.78	19.13	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.86	21.21	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.64	20.99	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.56	20.91	34.77	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.74	20.09	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#0	23.22	20.57	34.77	PASS

Band17	10MHz	16QAM	23790	1RB#24	22.57	19.92	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.51	19.86	34.77	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.72	19.07	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.51	20.86	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.79	21.14	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.56	20.91	34.77	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.74	20.09	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.62	19.97	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.47	19.82	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.90	20.25	34.77	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.58	18.93	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	5.67	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.40	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.63	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.37	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.58	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.34	13	PASS

Test Graphs

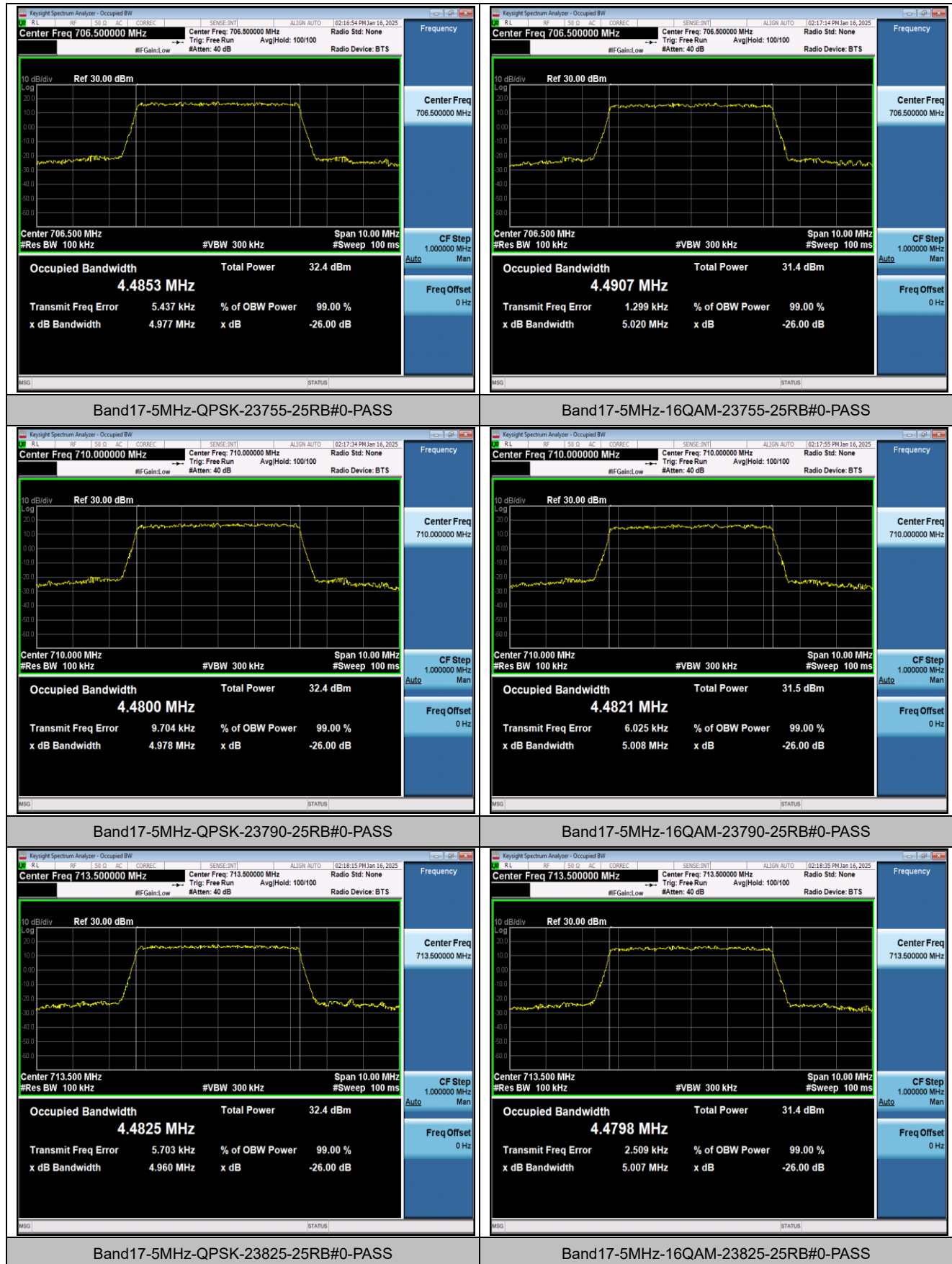


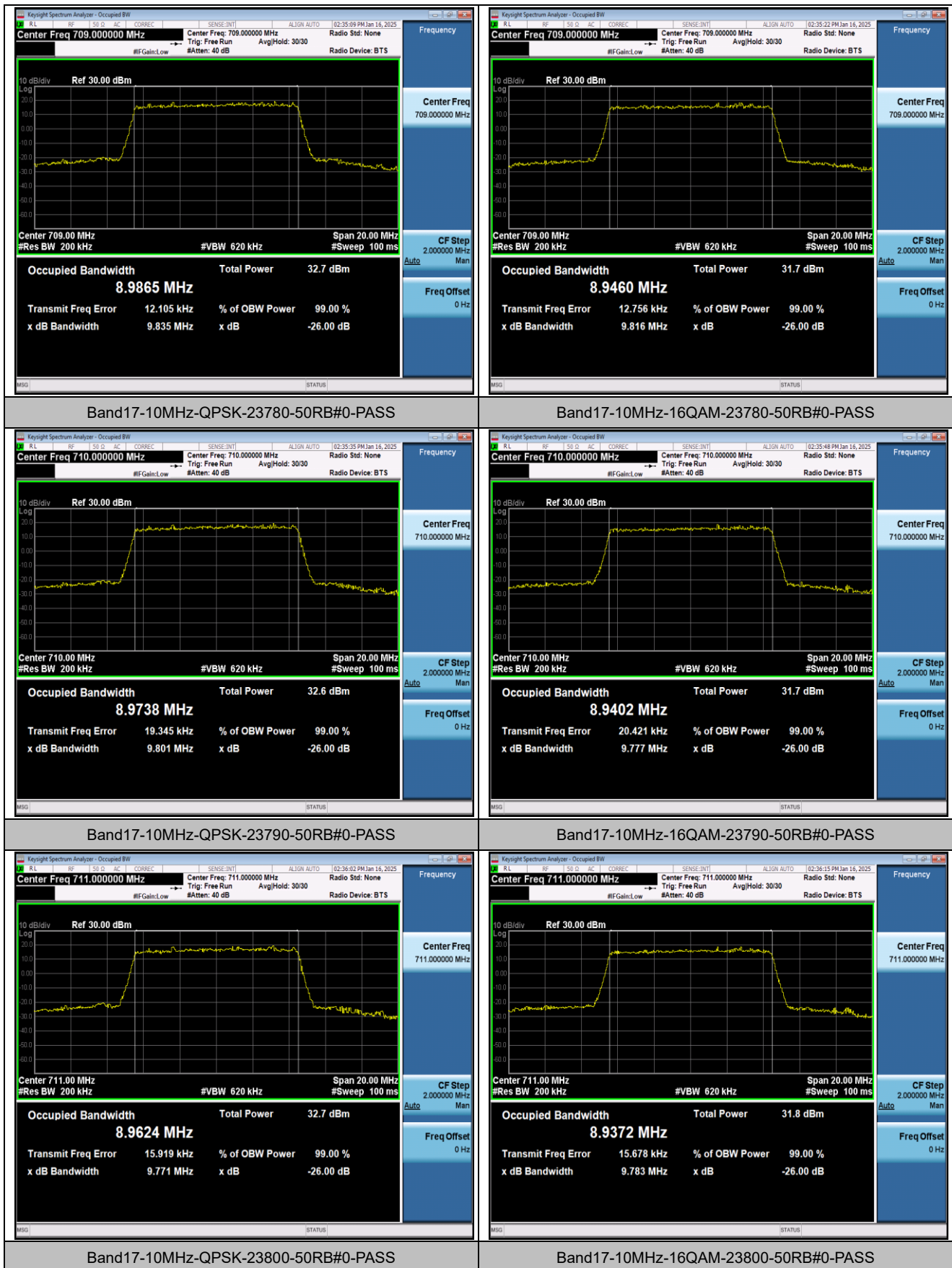
26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.4853	4.977	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.4907	5.020	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.4800	4.978	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.4821	5.008	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.4825	4.960	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.4798	5.007	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9865	9.835	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9460	9.816	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9738	9.801	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9402	9.777	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9624	9.771	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9372	9.783	PASS

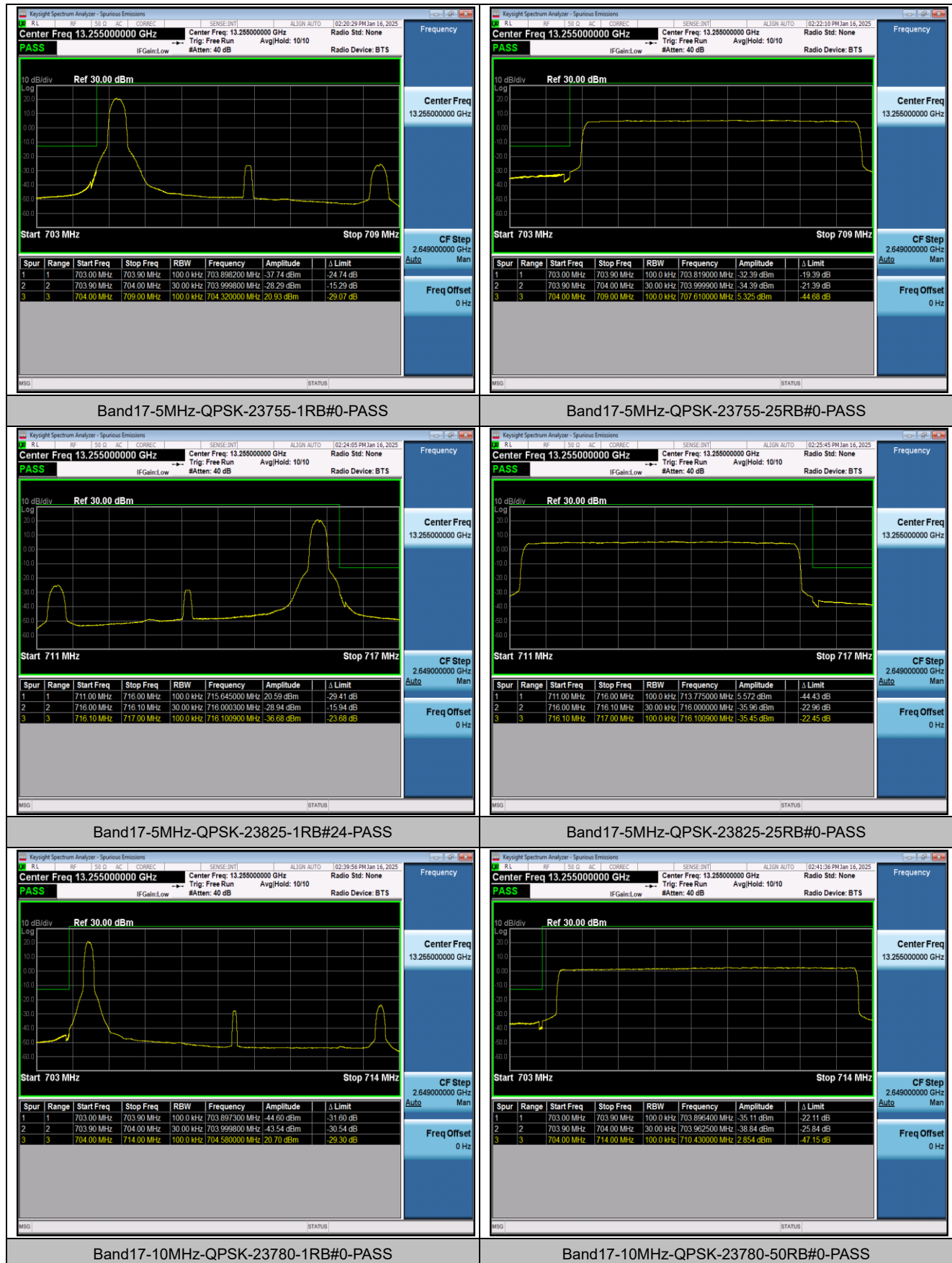
Test Graphs

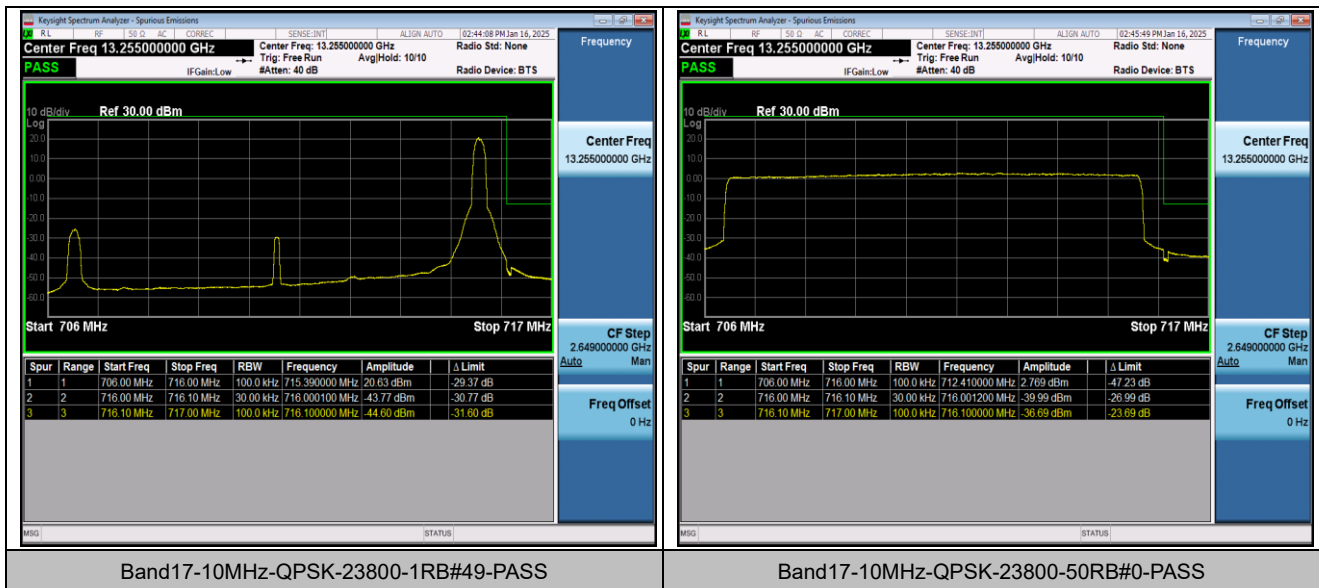




Band Edge

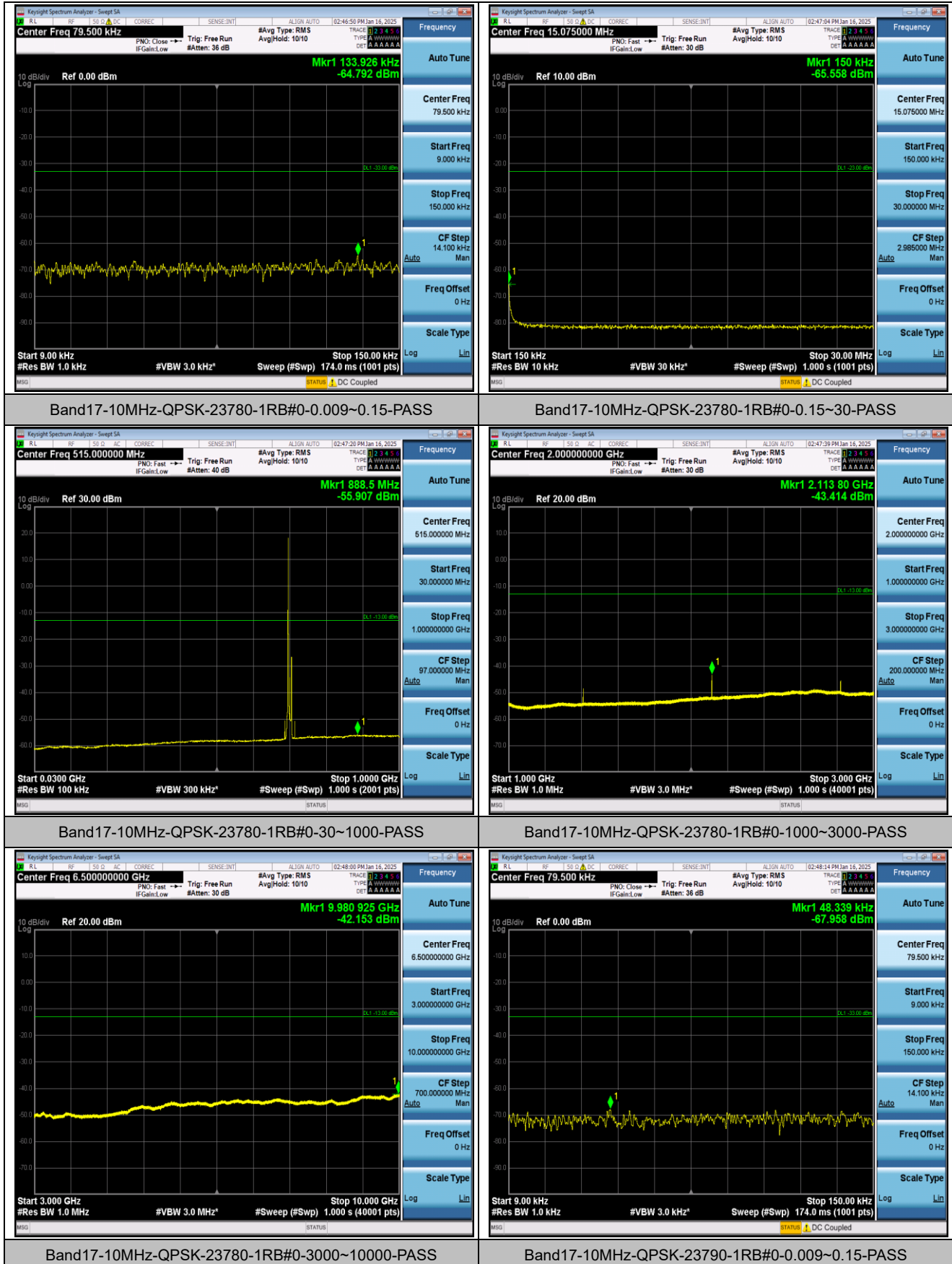
Test Graphs

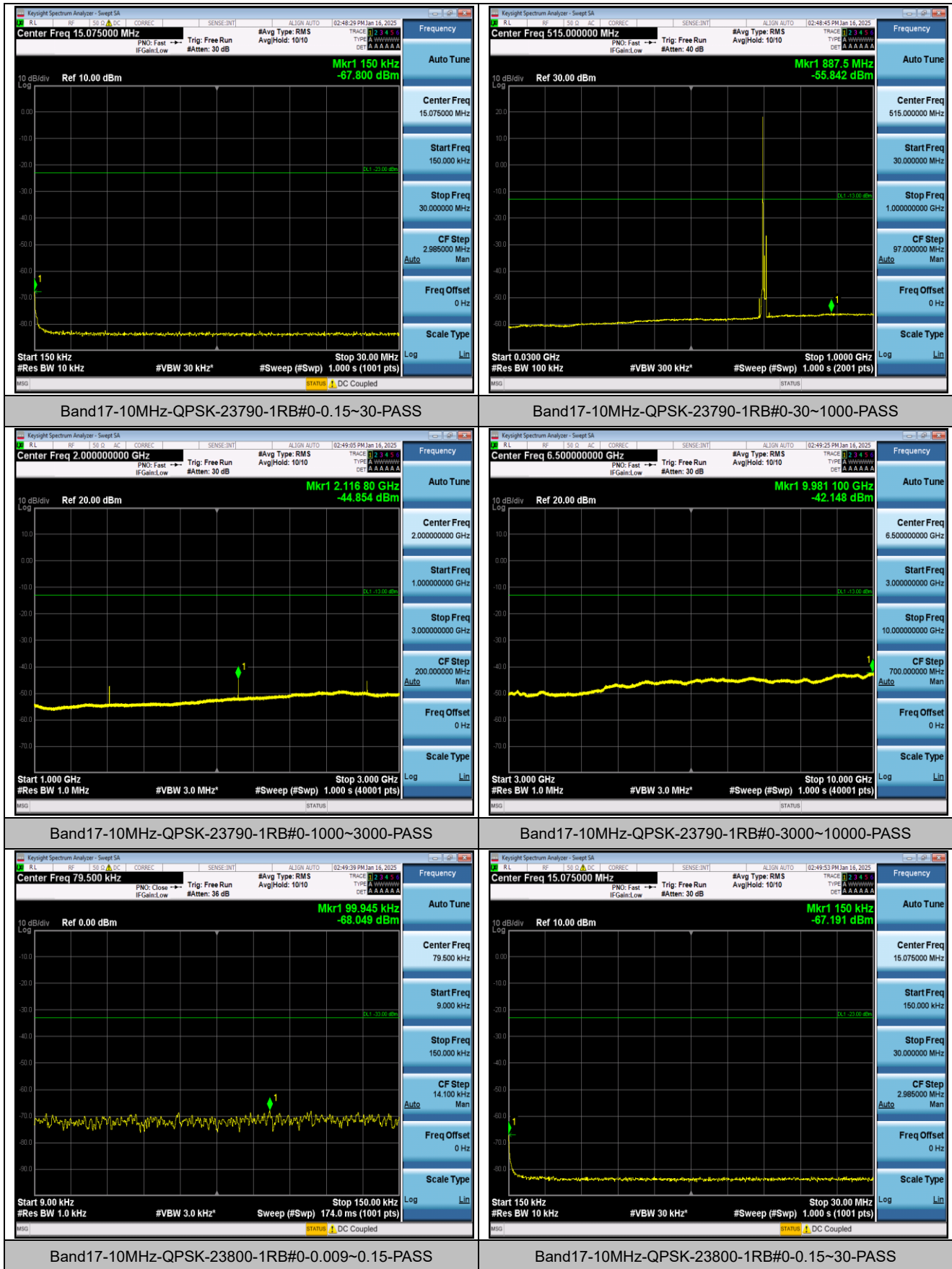


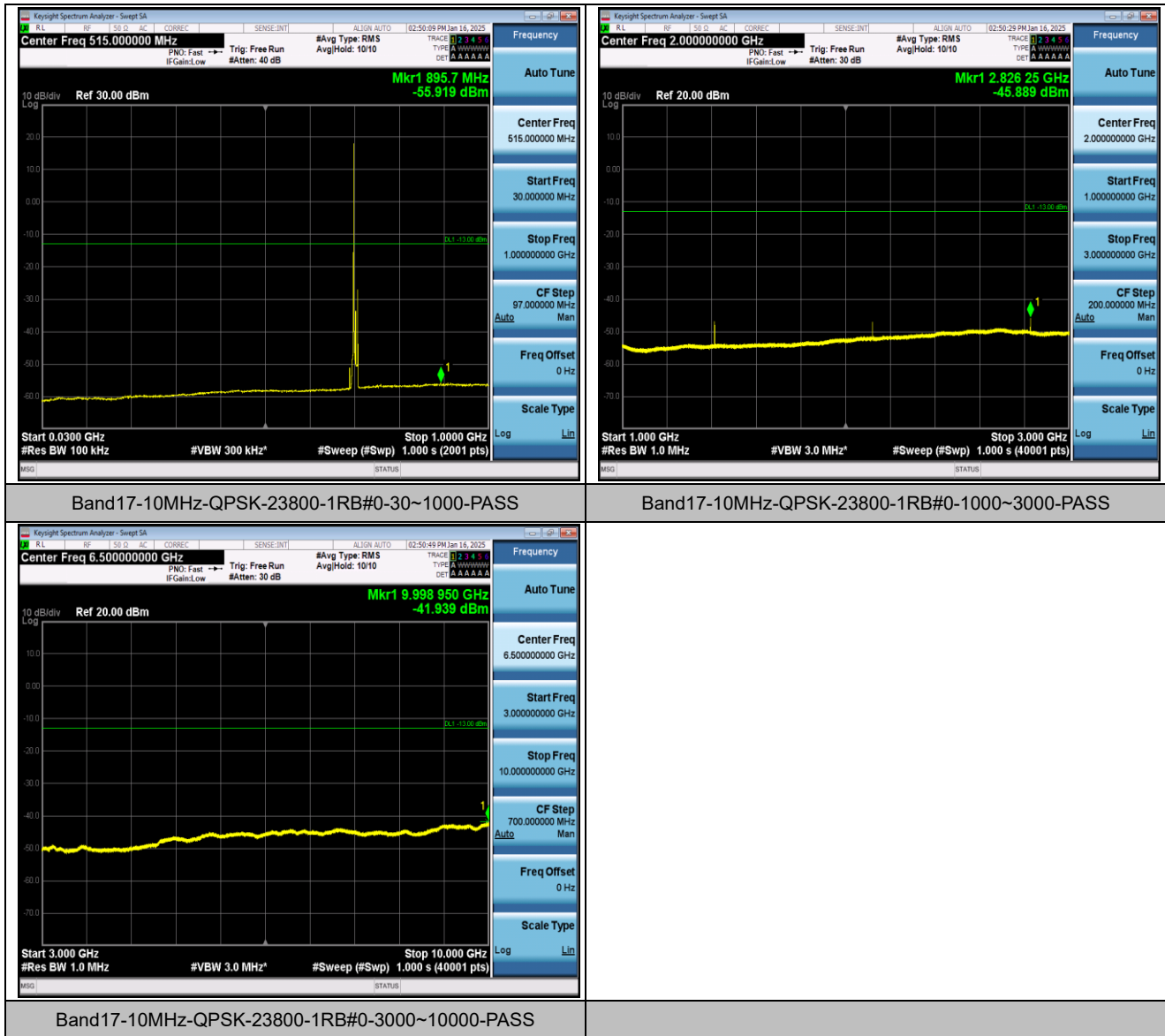


Conducted Spurious Emission

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	-0.70	-0.000986	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	0.50	0.000704	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	0.90	0.001268	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	-0.10	-0.000141	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	-0.40	-0.000563	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	-1.00	-0.001408	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	-0.50	-0.000704	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	-0.60	-0.000845	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	0.10	0.000141	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	0.80	0.001127	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	1.40	0.001972	PASS

~The End~