

Appendix-C LTE Band 13

Effective (Isotropic) Radiated Power Output Data

Test Result

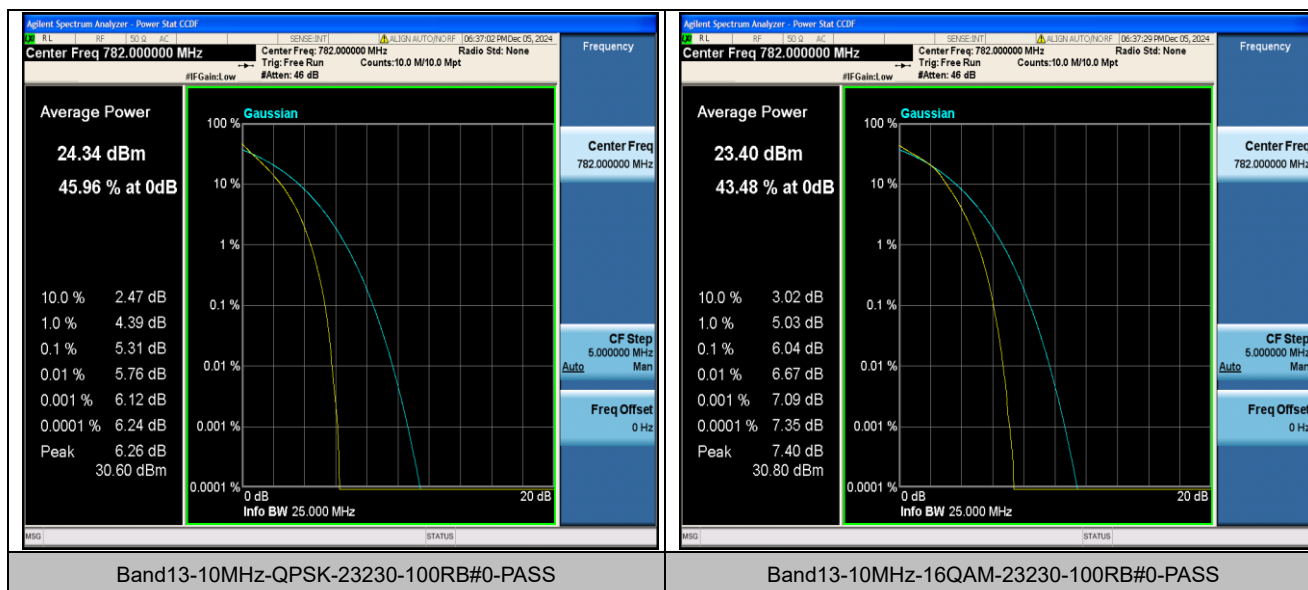
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	23.15	19	34.77	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.03	18.88	34.77	PASS
Band13	5MHz	QPSK	23205	1RB#24	23.07	18.92	34.77	PASS
Band13	5MHz	QPSK	23205	25RB#0	21.96	17.81	34.77	PASS
Band13	5MHz	16QAM	23205	1RB#0	22.46	18.31	34.77	PASS
Band13	5MHz	16QAM	23205	1RB#12	22.54	18.39	34.77	PASS
Band13	5MHz	16QAM	23205	1RB#24	22.4	18.25	34.77	PASS
Band13	5MHz	16QAM	23205	25RB#0	21.21	17.06	34.77	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.23	19.08	34.77	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.07	18.92	34.77	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.06	18.91	34.77	PASS
Band13	5MHz	QPSK	23230	25RB#0	22.03	17.88	34.77	PASS
Band13	5MHz	16QAM	23230	1RB#0	22.07	17.92	34.77	PASS
Band13	5MHz	16QAM	23230	1RB#12	21.97	17.82	34.77	PASS
Band13	5MHz	16QAM	23230	1RB#24	22.26	18.11	34.77	PASS
Band13	5MHz	16QAM	23230	25RB#0	21.26	17.11	34.77	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.18	19.03	34.77	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.13	18.98	34.77	PASS
Band13	5MHz	QPSK	23255	1RB#24	23.18	19.03	34.77	PASS
Band13	5MHz	QPSK	23255	25RB#0	22.25	18.1	34.77	PASS
Band13	5MHz	16QAM	23255	1RB#0	22.04	17.89	34.77	PASS
Band13	5MHz	16QAM	23255	1RB#12	22.15	18	34.77	PASS
Band13	5MHz	16QAM	23255	1RB#24	22.02	17.87	34.77	PASS
Band13	5MHz	16QAM	23255	25RB#0	21.63	17.48	34.77	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.18	19.03	34.77	PASS
Band13	10MHz	QPSK	23230	1RB#24	23.17	19.02	34.77	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.28	19.13	34.77	PASS
Band13	10MHz	QPSK	23230	50RB#0	22.16	18.01	34.77	PASS
Band13	10MHz	16QAM	23230	1RB#0	22.58	18.43	34.77	PASS
Band13	10MHz	16QAM	23230	1RB#24	22.03	17.88	34.77	PASS
Band13	10MHz	16QAM	23230	1RB#49	22.12	17.97	34.77	PASS
Band13	10MHz	16QAM	23230	50RB#0	21.11	16.96	34.77	PASS

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band13	10MHz	QPSK	23230	100RB#0	5.31	13	PASS
Band13	10MHz	16QAM	23230	100RB#0	6.04	13	PASS

Test Graphs

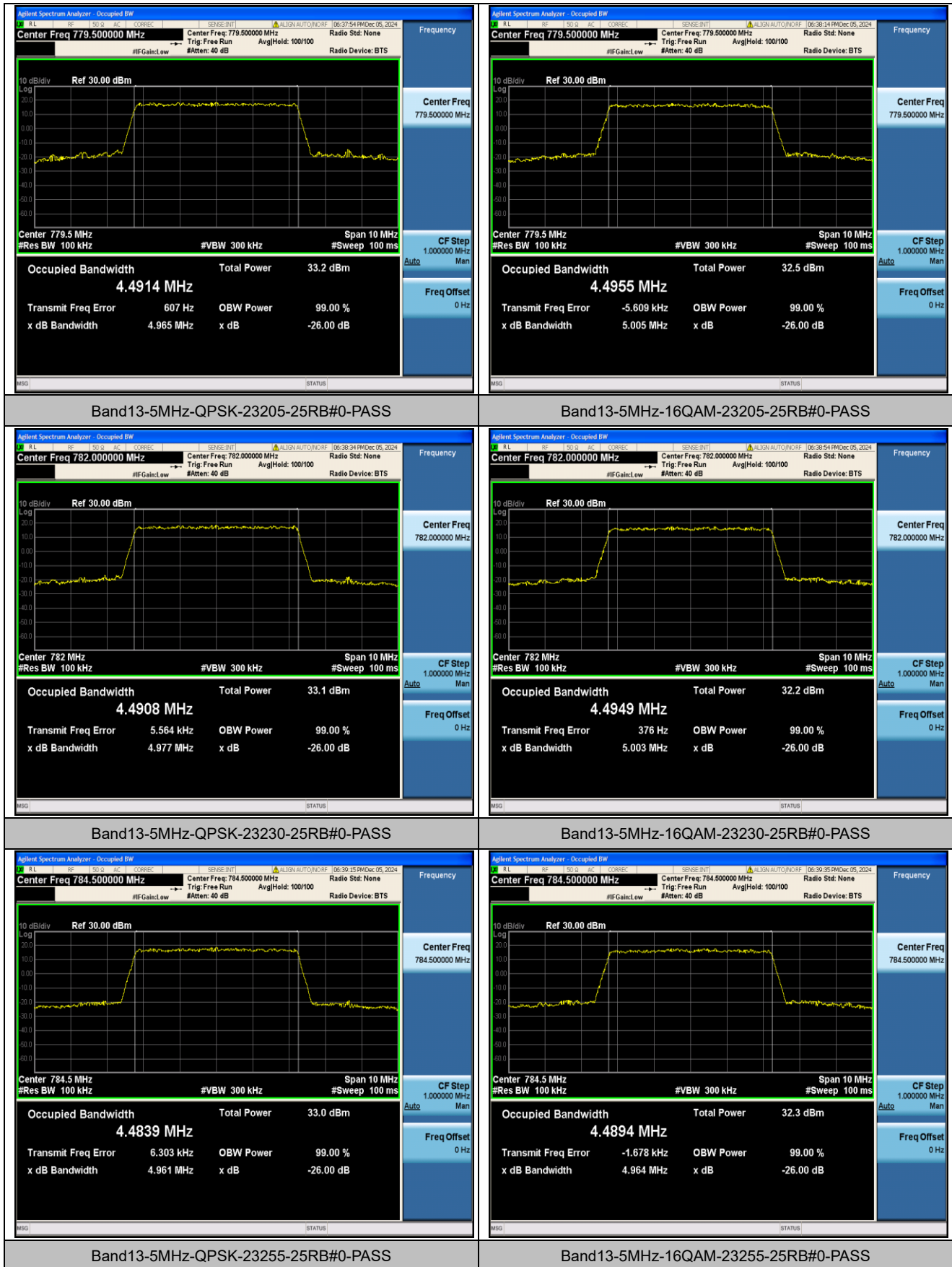


26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.4914	4.965	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.4955	5.005	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.4908	4.977	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.4949	5.003	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.4839	4.961	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.4894	4.964	PASS
Band13	10MHz	QPSK	23230	50RB#0	9.0284	9.901	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9832	9.845	PASS

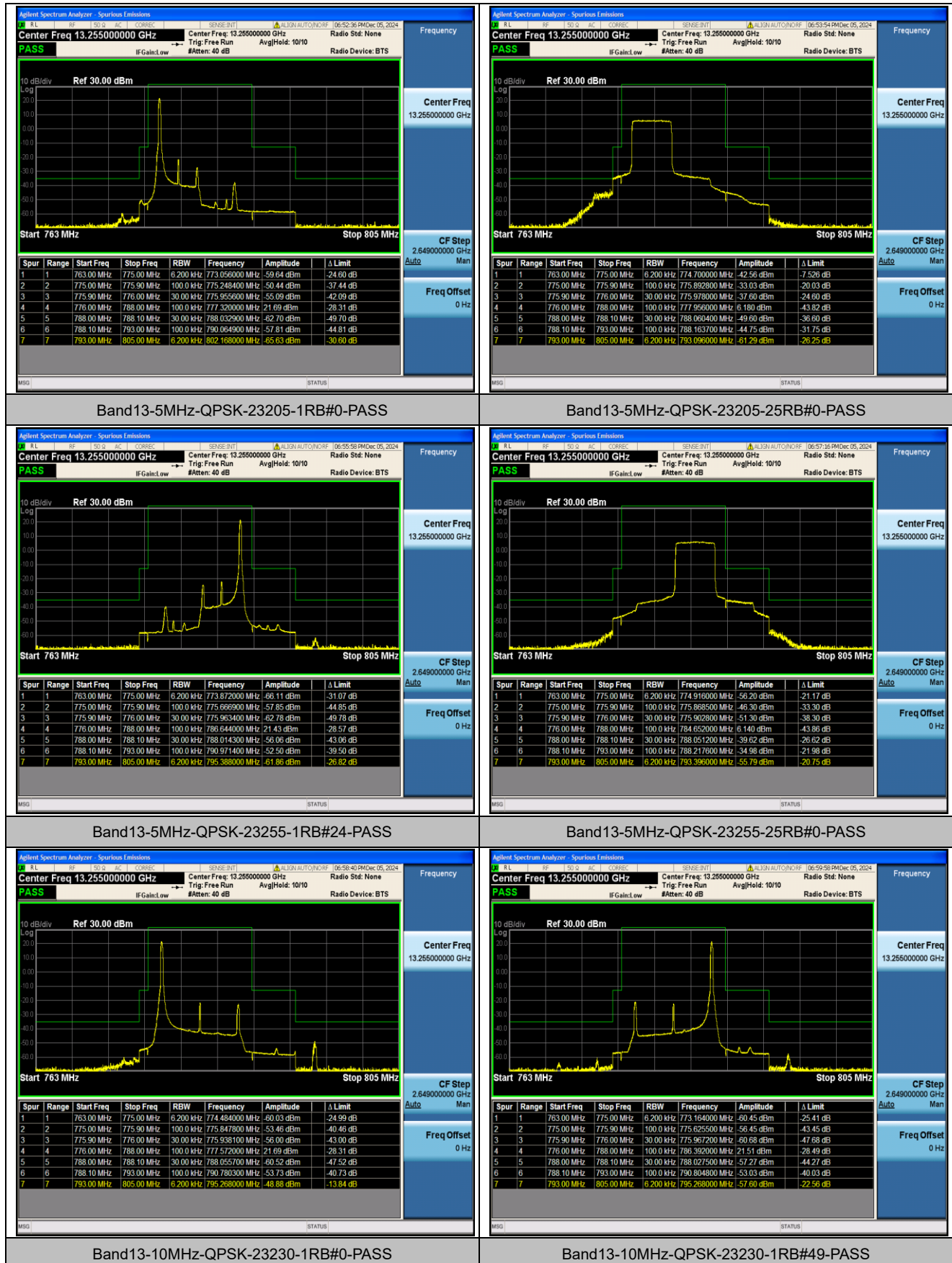
Test Graphs





Band Edge

Test Graphs

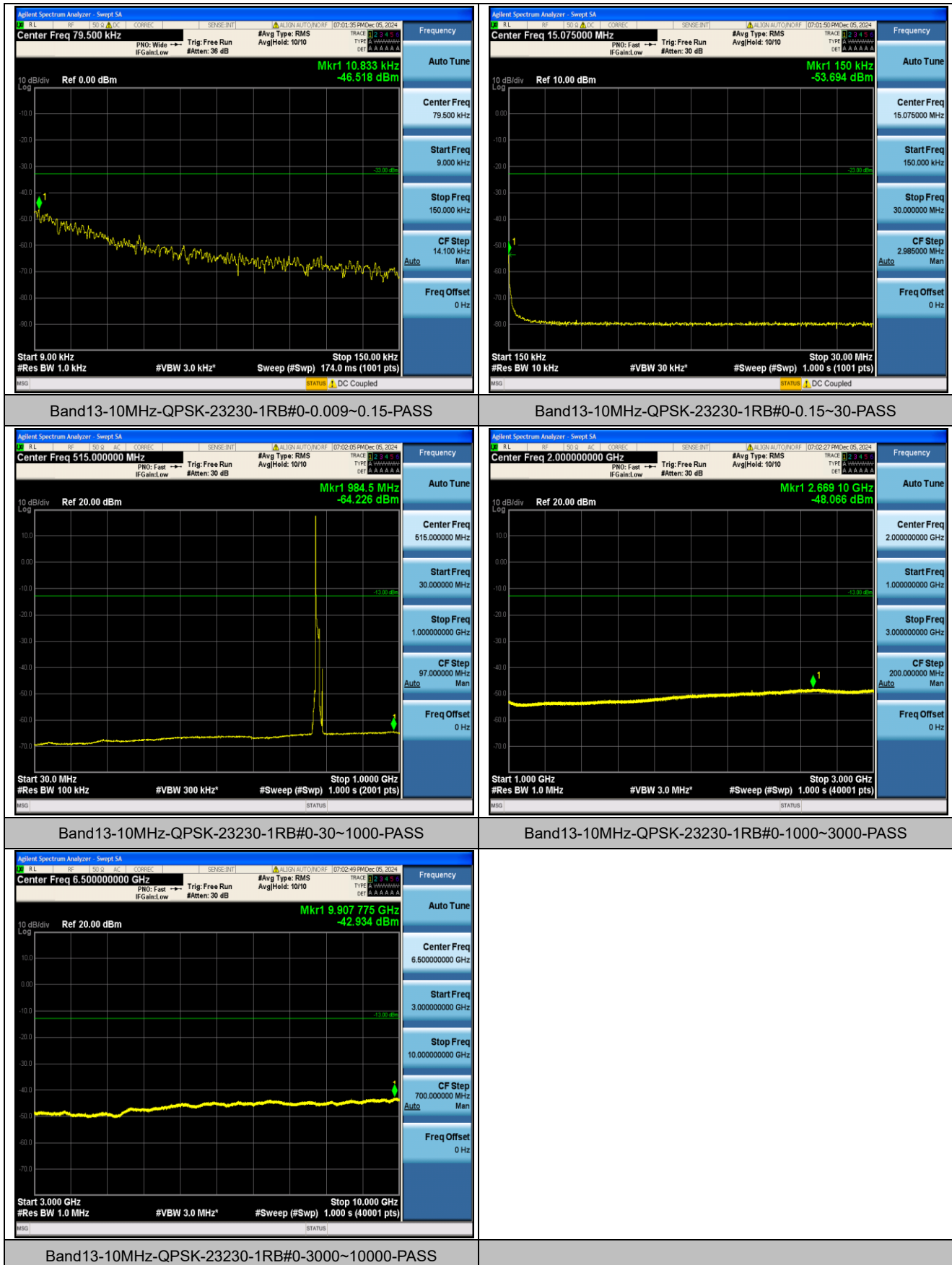




Band13-10MHz-QPSK-23230-50RB#0-PASS

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
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	24.90	0.031841	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	50.50	0.064578	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	11.80	0.015090	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	41.10	0.052558	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	20.40	0.026087	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	16.40	0.020972	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	11.40	0.014578	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	17.90	0.022890	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	12.20	0.015601	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	42.00	0.053708	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	39.00	0.049872	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	23.70	0.030307	PASS

~The End~