

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Gain (dBi)	E(IRP)(dBm)	Limit(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.30	-0.5	20.65	34.8	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.25	-0.5	19.6	34.8	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.27	-0.5	20.62	34.8	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	22.99	-0.5	20.34	34.8	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.33	-0.5	20.68	34.8	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.26	-0.5	19.61	34.8	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.30	-0.5	20.65	34.8	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.46	-0.5	20.81	34.8	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.48	-0.5	20.83	34.8	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.43	-0.5	19.78	34.8	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.63	-0.5	20.98	34.8	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.70	-0.5	21.05	34.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.04	-0.5	20.39	34.8	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.34	-0.5	18.69	34.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.97	-0.5	20.32	34.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.69	-0.5	20.04	34.8	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.39	-0.5	19.74	34.8	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.35	-0.5	18.7	34.8	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	23.01	-0.5	20.36	34.8	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.30	-0.5	19.65	34.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.38	-0.5	19.73	34.8	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.18	-0.5	18.53	34.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.39	-0.5	19.74	34.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.66	-0.5	20.01	34.8	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.20	-0.5	20.55	34.8	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.34	-0.5	19.69	34.8	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.12	-0.5	20.47	34.8	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.29	-0.5	20.64	34.8	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.39	-0.5	20.74	34.8	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.28	-0.5	19.63	34.8	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.38	-0.5	20.73	34.8	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.11	-0.5	20.46	34.8	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.41	-0.5	20.76	34.8	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.47	-0.5	19.82	34.8	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.35	-0.5	20.7	34.8	PASS

Band12	3MHz	QPSK	23165	1RB#14	23.30	-0.5	20.65	34.8	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.22	-0.5	19.57	34.8	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.18	-0.5	18.53	34.8	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.26	-0.5	19.61	34.8	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.19	-0.5	19.54	34.8	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.34	-0.5	19.69	34.8	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.16	-0.5	18.51	34.8	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.24	-0.5	19.59	34.8	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.11	-0.5	19.46	34.8	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.22	-0.5	20.57	34.8	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.36	-0.5	18.71	34.8	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.93	-0.5	20.28	34.8	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.99	-0.5	20.34	34.8	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.20	-0.5	20.55	34.8	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.27	-0.5	19.62	34.8	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.50	-0.5	20.85	34.8	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.31	-0.5	20.66	34.8	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.46	-0.5	20.81	34.8	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.34	-0.5	19.69	34.8	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.49	-0.5	20.84	34.8	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.34	-0.5	20.69	34.8	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.44	-0.5	20.79	34.8	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.34	-0.5	19.69	34.8	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.29	-0.5	20.64	34.8	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.28	-0.5	20.63	34.8	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.03	-0.5	19.38	34.8	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.20	-0.5	18.55	34.8	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.70	-0.5	20.05	34.8	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.26	-0.5	19.61	34.8	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.53	-0.5	19.88	34.8	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.25	-0.5	18.6	34.8	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.37	-0.5	19.72	34.8	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.26	-0.5	19.61	34.8	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.23	-0.5	19.58	34.8	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.34	-0.5	18.69	34.8	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.82	-0.5	20.17	34.8	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.30	-0.5	19.65	34.8	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.90	-0.5	20.25	34.8	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.34	-0.5	19.69	34.8	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.41	-0.5	20.76	34.8	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.21	-0.5	20.56	34.8	PASS

Band12	10MHz	QPSK	23095	1RB#0	22.96	-0.5	20.31	34.8	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.28	-0.5	19.63	34.8	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.49	-0.5	20.84	34.8	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.32	-0.5	20.67	34.8	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.32	-0.5	20.67	34.8	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.42	-0.5	19.77	34.8	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.43	-0.5	20.78	34.8	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.30	-0.5	20.65	34.8	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.18	-0.5	19.53	34.8	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.24	-0.5	18.59	34.8	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.54	-0.5	19.89	34.8	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.24	-0.5	19.59	34.8	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.11	-0.5	19.46	34.8	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.41	-0.5	18.76	34.8	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.67	-0.5	20.02	34.8	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.19	-0.5	19.54	34.8	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.63	-0.5	19.98	34.8	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.35	-0.5	18.7	34.8	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.95	-0.5	20.3	34.8	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.64	-0.5	19.99	34.8	PASS

Peak-to-Average Ratio(CCDF)

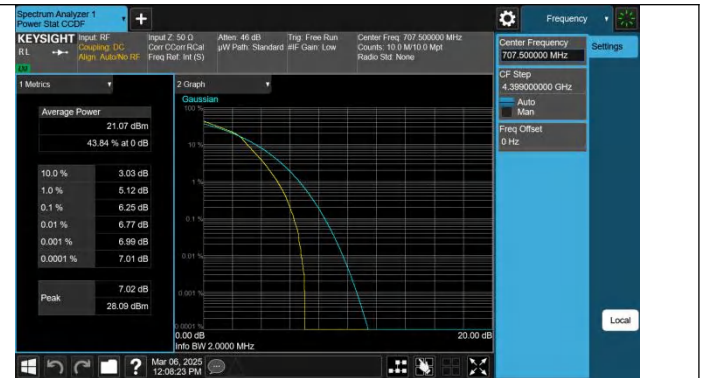
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23095	6RB#0	5.42	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.25	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.62	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.50	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.60	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.35	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.51	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.37	13	PASS

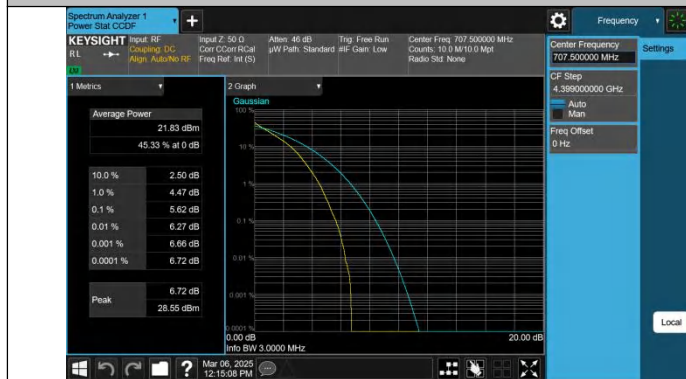
Test Graphs



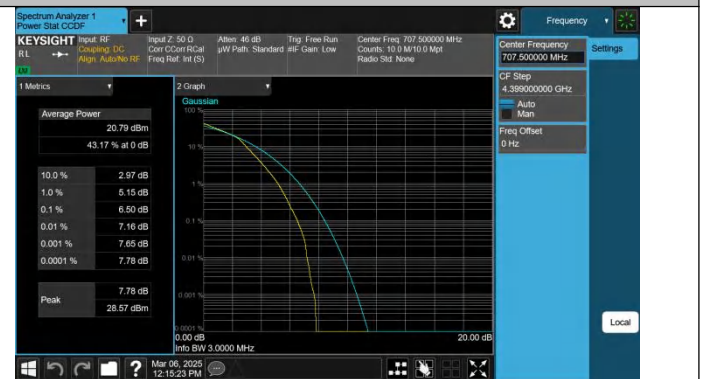
Band12-1.4MHz-QPSK-23095-6RB#0-PASS



Band12-1.4MHz-16QAM-23095-6RB#0-PASS



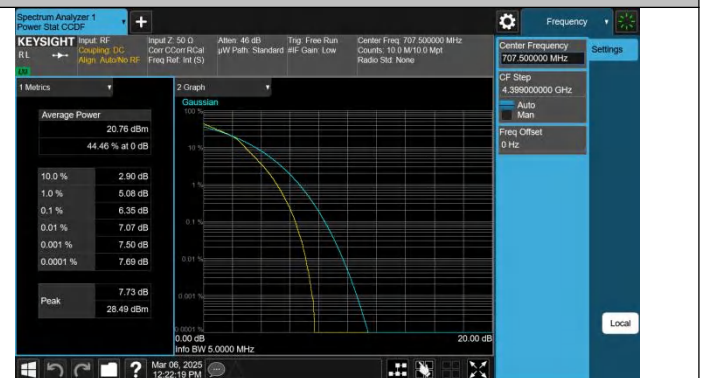
Band12-3MHz-QPSK-23095-15RB#0-PASS



Band12-3MHz-16QAM-23095-15RB#0-PASS



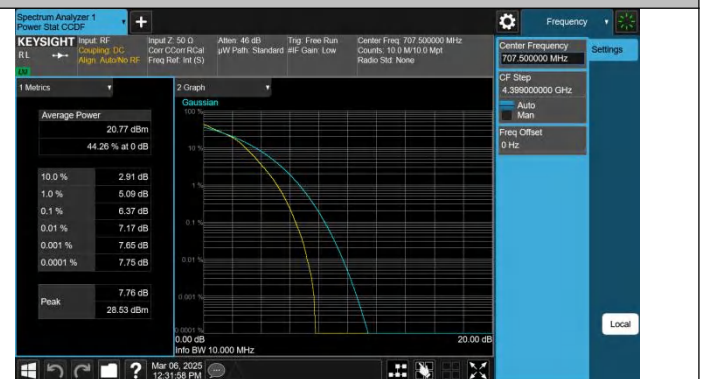
Band12-5MHz-QPSK-23095-25RB#0-PASS



Band12-5MHz-16QAM-23095-25RB#0-PASS



Band12-10MHz-QPSK-23095-50RB#0-PASS



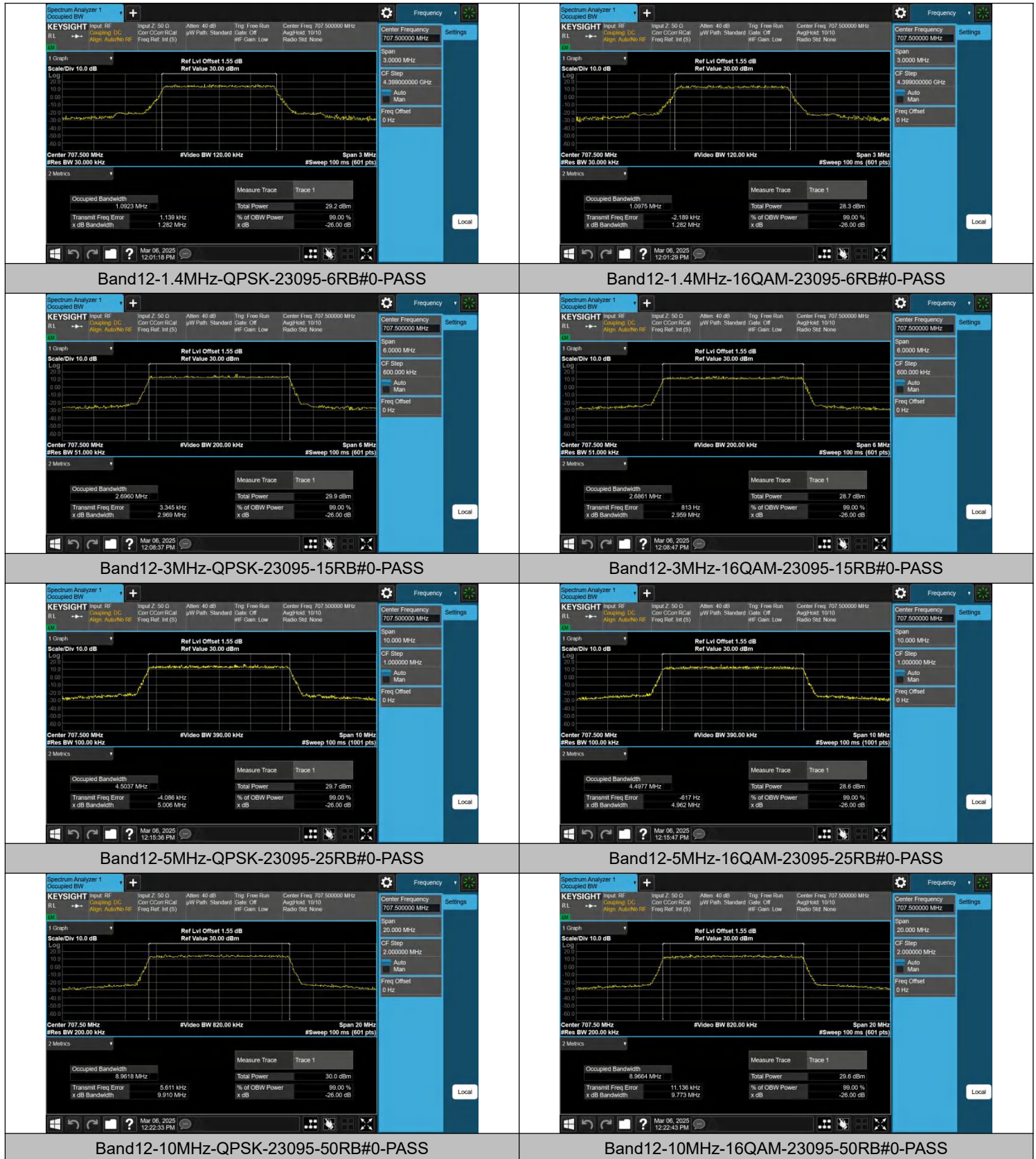
Band12-10MHz-16QAM-23095-50RB#0-PASS

26dB Bandwidth and Occupied Bandwidth

Test Result

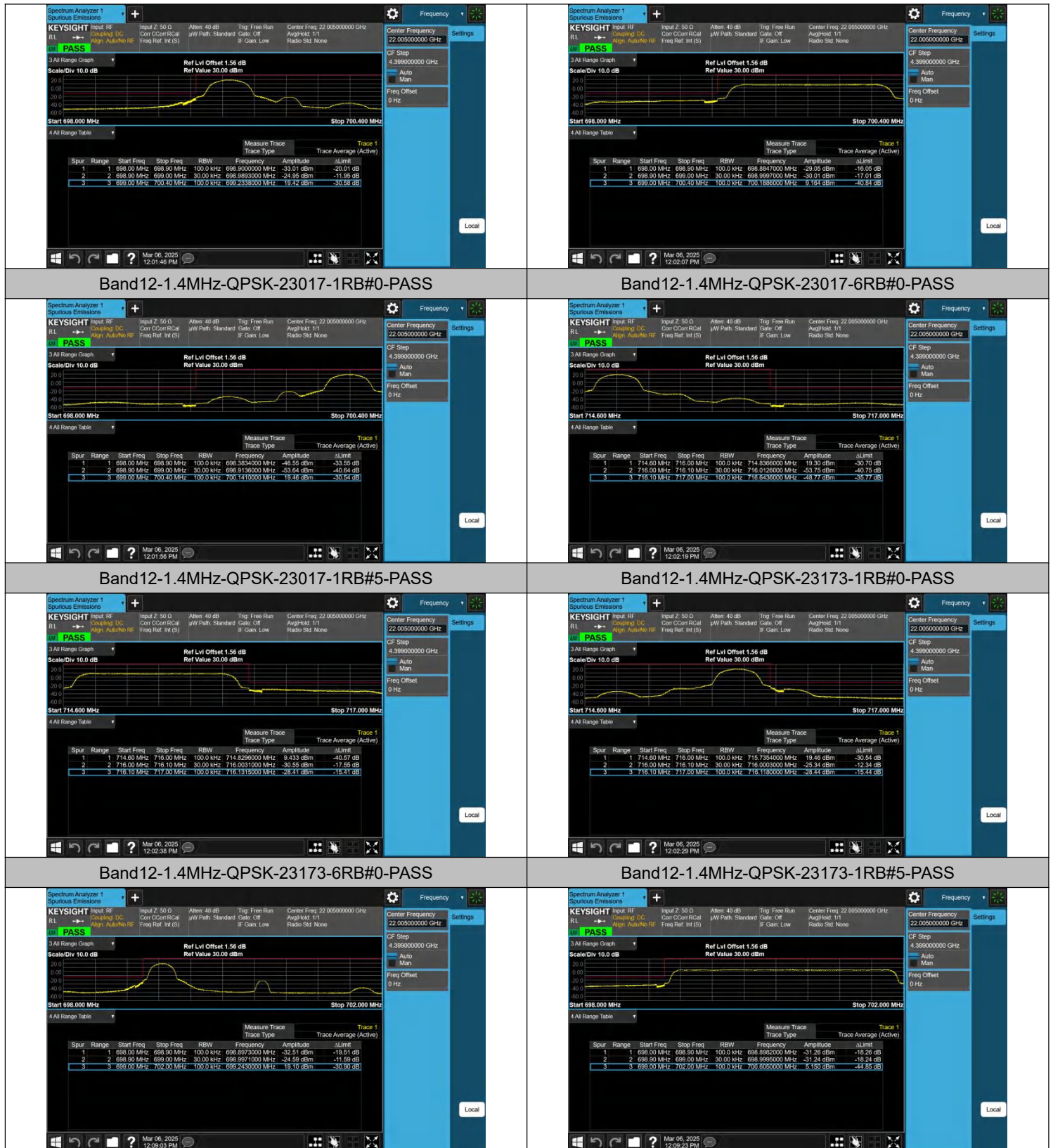
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23095	6RB#0	1.0923	1.282	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0975	1.282	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6960	2.969	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6861	2.959	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5037	5.006	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4977	4.962	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9618	9.910	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9664	9.773	PASS

Test Graphs



Band Edge

Test Graphs



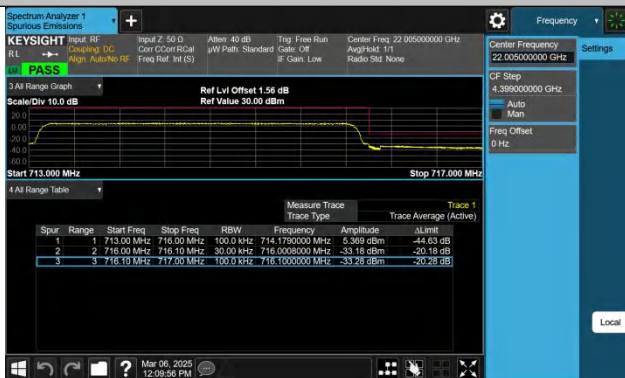
Band12-3MHz-QPSK-23025-1RB#0-PASS



Band12-3MHz-QPSK-23025-15RB#0-PASS



Band12-3MHz-QPSK-23025-1RB#14-PASS



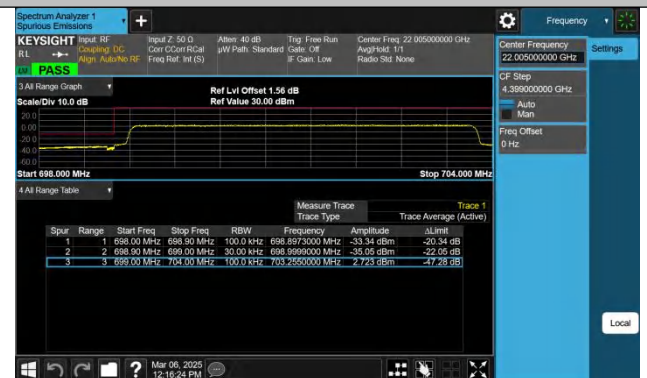
Band12-3MHz-QPSK-23165-1RB#0-PASS



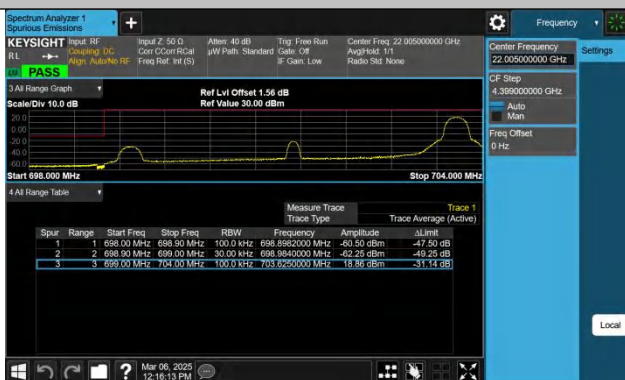
Band12-3MHz-QPSK-23165-15RB#0-PASS



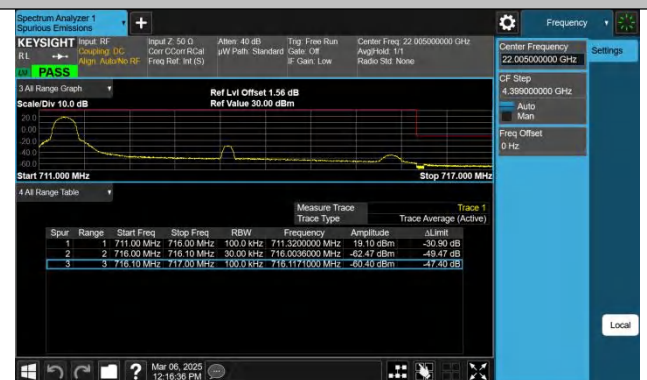
Band12-3MHz-QPSK-23165-1RB#14-PASS



Band12-5MHz-QPSK-23035-1RB#0-PASS

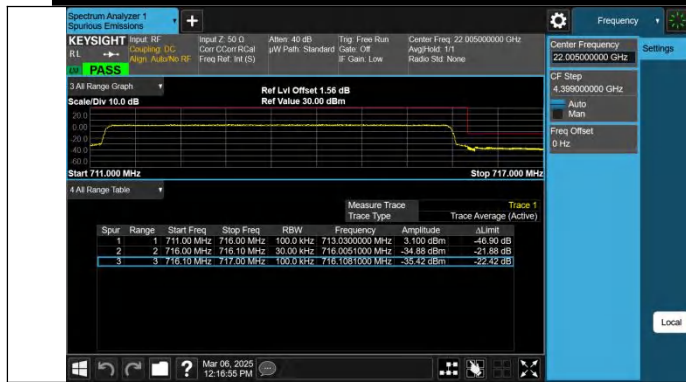


Band12-5MHz-QPSK-23035-25RB#0-PASS

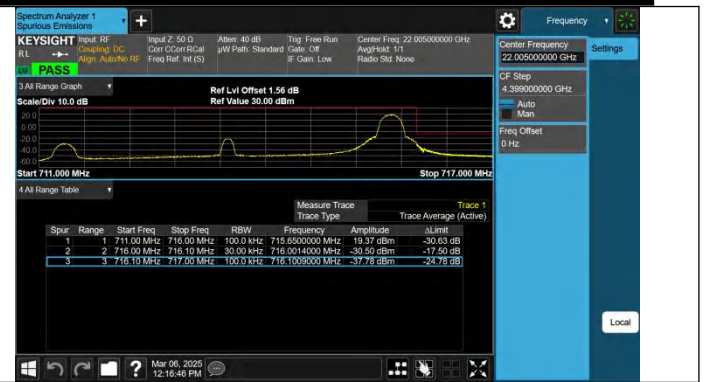


Band12-5MHz-QPSK-23035-1RB#24-PASS

Band12-5MHz-QPSK-23155-1RB#0-PASS



Band12-5MHz-QPSK-23155-25RB#0-PASS



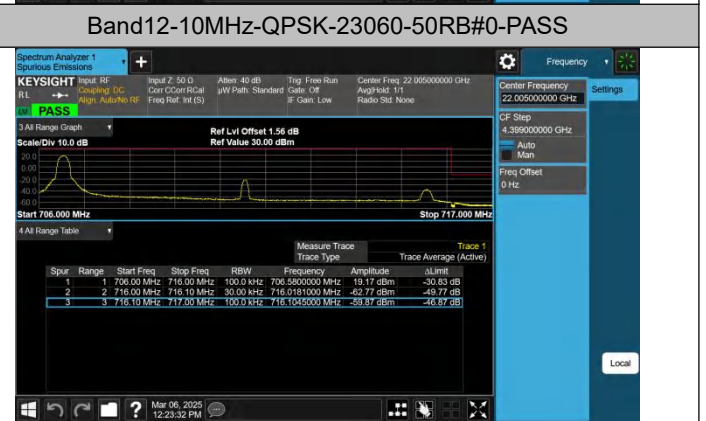
Band12-5MHz-QPSK-23155-1RB#24-PASS



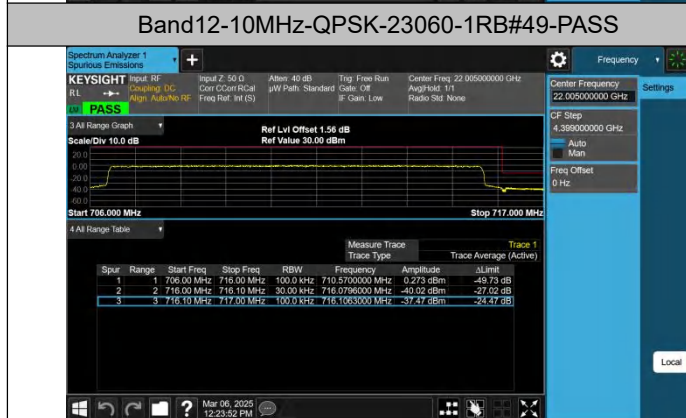
Band12-5MHz-QPSK-23155-1RB#24-PASS



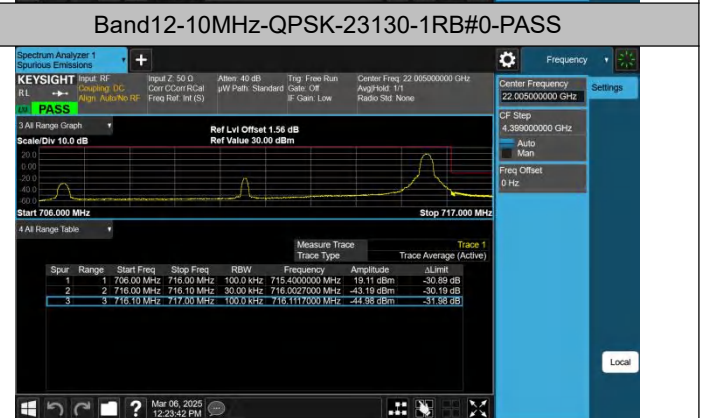
Band12-10MHz-QPSK-23060-1RB#0-PASS



Band12-10MHz-QPSK-23060-50RB#0-PASS



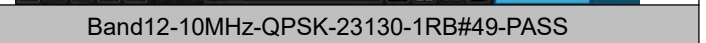
Band12-10MHz-QPSK-23060-1RB#49-PASS



Band12-10MHz-QPSK-23130-1RB#0-PASS



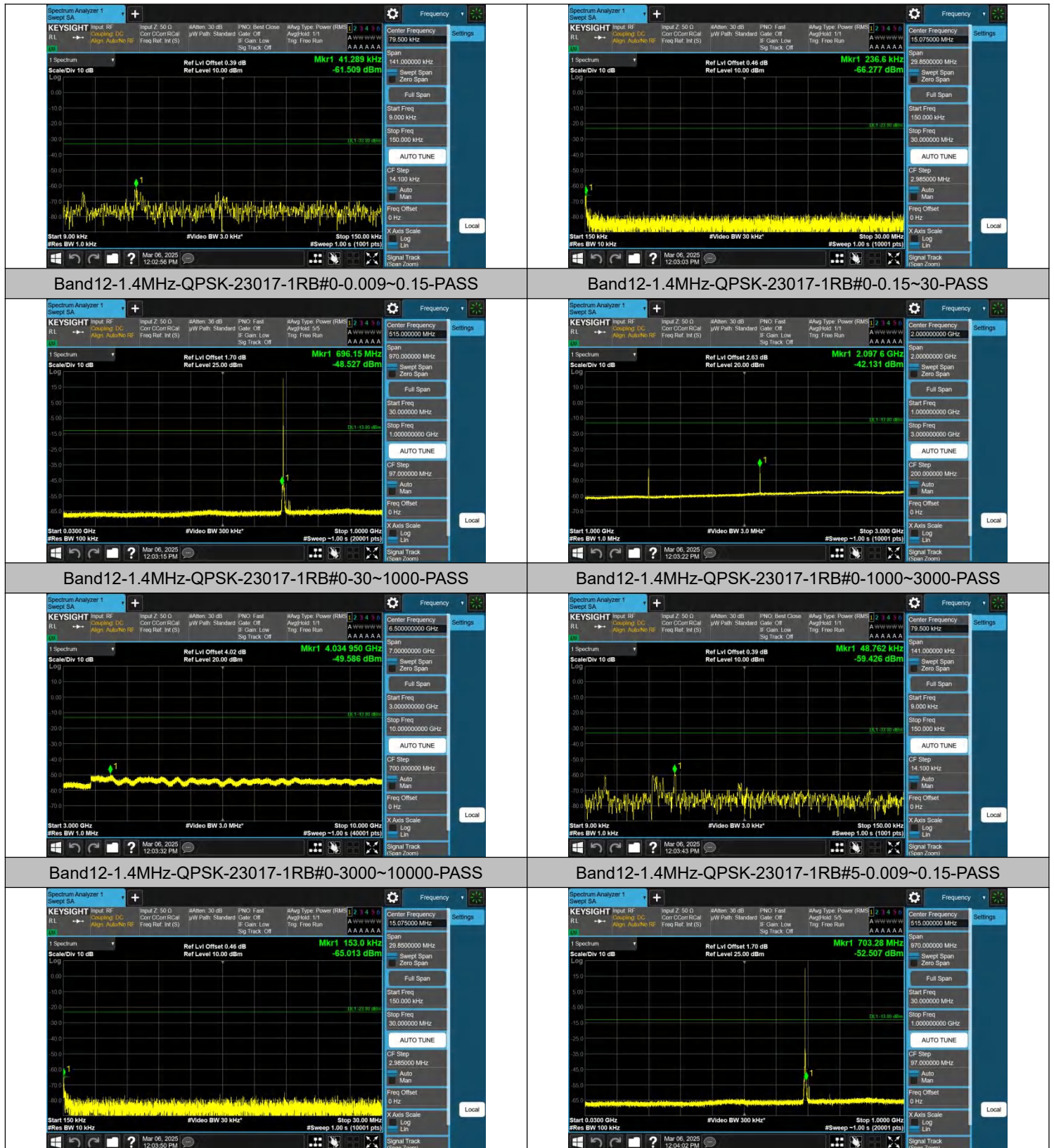
Band12-10MHz-QPSK-23130-50RB#0-PASS



Band12-10MHz-QPSK-23130-1RB#49-PASS

Conducted Spurious Emission

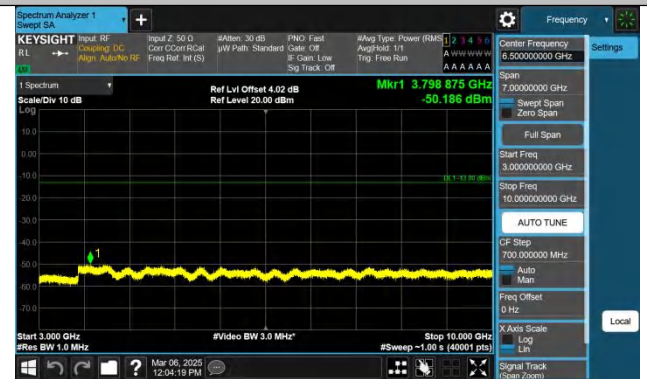
Test Graphs



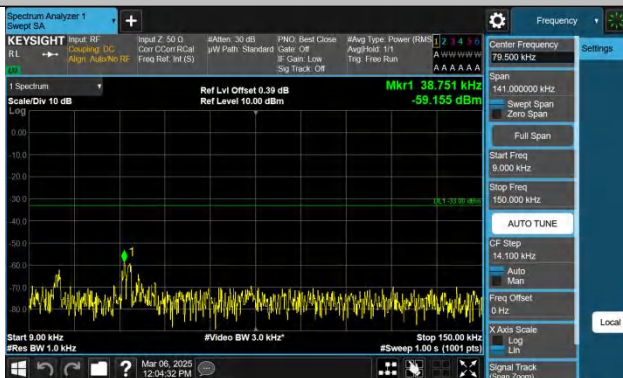
Band12-1.4MHz-QPSK-23017-1RB#5-0.15~30-PASS



Band12-1.4MHz-QPSK-23017-1RB#5-30~1000-PASS



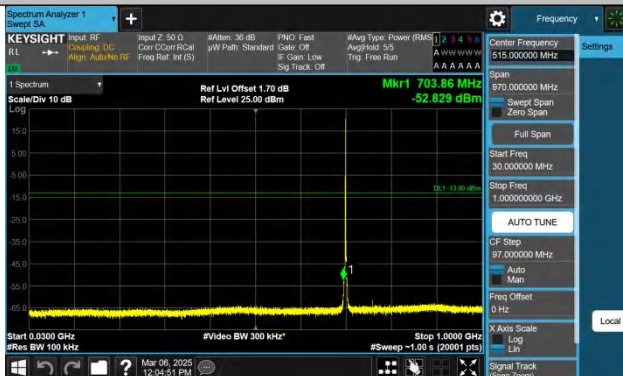
Band12-1.4MHz-QPSK-23017-1RB#5-1000~3000-PASS



Band12-1.4MHz-QPSK-23017-1RB#5-3000~10000-PASS



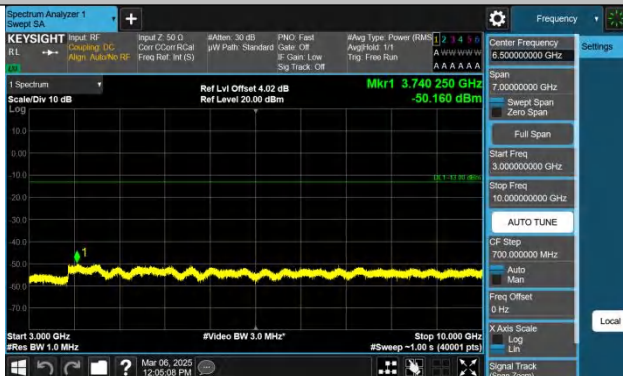
Band12-1.4MHz-QPSK-23095-1RB#0-0.009~0.15-PASS



Band12-1.4MHz-QPSK-23095-1RB#0-0.15~30-PASS



Band12-1.4MHz-QPSK-23095-1RB#0-30~1000-PASS



Band12-1.4MHz-QPSK-23095-1RB#0-1000~3000-PASS



Band12-1.4MHz-QPSK-23095-1RB#0-3000~10000-PASS

Band12-1.4MHz-QPSK-23095-1RB#5-0.009~0.15-PASS

