

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Gain (dBi)	E(I)RP(dBm)	Limit(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.26	-0.5	20.61	34.8	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.53	-0.5	19.88	34.8	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.30	-0.5	20.65	34.8	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.50	-0.5	20.85	34.8	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.56	-0.5	20.91	34.8	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.52	-0.5	19.87	34.8	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.70	-0.5	21.05	34.8	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.50	-0.5	20.85	34.8	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.28	-0.5	20.63	34.8	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.44	-0.5	19.79	34.8	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.39	-0.5	20.74	34.8	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.51	-0.5	20.86	34.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.44	-0.5	19.79	34.8	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.62	-0.5	18.97	34.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.58	-0.5	19.93	34.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.47	-0.5	19.82	34.8	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.60	-0.5	19.95	34.8	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.63	-0.5	18.98	34.8	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.56	-0.5	19.91	34.8	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.41	-0.5	19.76	34.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.42	-0.5	19.77	34.8	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.60	-0.5	18.95	34.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.73	-0.5	20.08	34.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.40	-0.5	19.75	34.8	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.32	-0.5	20.67	34.8	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.55	-0.5	19.9	34.8	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.57	-0.5	20.92	34.8	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.17	-0.5	20.52	34.8	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.58	-0.5	20.93	34.8	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.64	-0.5	19.99	34.8	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.86	-0.5	21.21	34.8	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.59	-0.5	20.94	34.8	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.28	-0.5	20.63	34.8	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.53	-0.5	19.88	34.8	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.35	-0.5	20.7	34.8	PASS

Band12	3MHz	QPSK	23165	1RB#14	23.21	-0.5	20.56	34.8	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.30	-0.5	19.65	34.8	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.56	-0.5	18.91	34.8	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.53	-0.5	19.88	34.8	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.26	-0.5	19.61	34.8	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.42	-0.5	19.77	34.8	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.41	-0.5	18.76	34.8	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.67	-0.5	20.02	34.8	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.28	-0.5	19.63	34.8	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.69	-0.5	20.04	34.8	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.42	-0.5	18.77	34.8	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.91	-0.5	20.26	34.8	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.95	-0.5	20.3	34.8	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.14	-0.5	20.49	34.8	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.45	-0.5	19.8	34.8	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.24	-0.5	20.59	34.8	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.31	-0.5	20.66	34.8	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.62	-0.5	20.97	34.8	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.62	-0.5	19.97	34.8	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.72	-0.5	21.07	34.8	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.60	-0.5	20.95	34.8	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.19	-0.5	20.54	34.8	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.51	-0.5	19.86	34.8	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.52	-0.5	20.87	34.8	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.20	-0.5	20.55	34.8	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.05	-0.5	19.4	34.8	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.55	-0.5	18.9	34.8	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.32	-0.5	19.67	34.8	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.36	-0.5	19.71	34.8	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.48	-0.5	19.83	34.8	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.56	-0.5	18.91	34.8	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.57	-0.5	19.92	34.8	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.37	-0.5	19.72	34.8	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.25	-0.5	19.6	34.8	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.61	-0.5	18.96	34.8	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.42	-0.5	19.77	34.8	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.25	-0.5	19.6	34.8	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.16	-0.5	20.51	34.8	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.49	-0.5	19.84	34.8	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.38	-0.5	20.73	34.8	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.43	-0.5	20.78	34.8	PASS

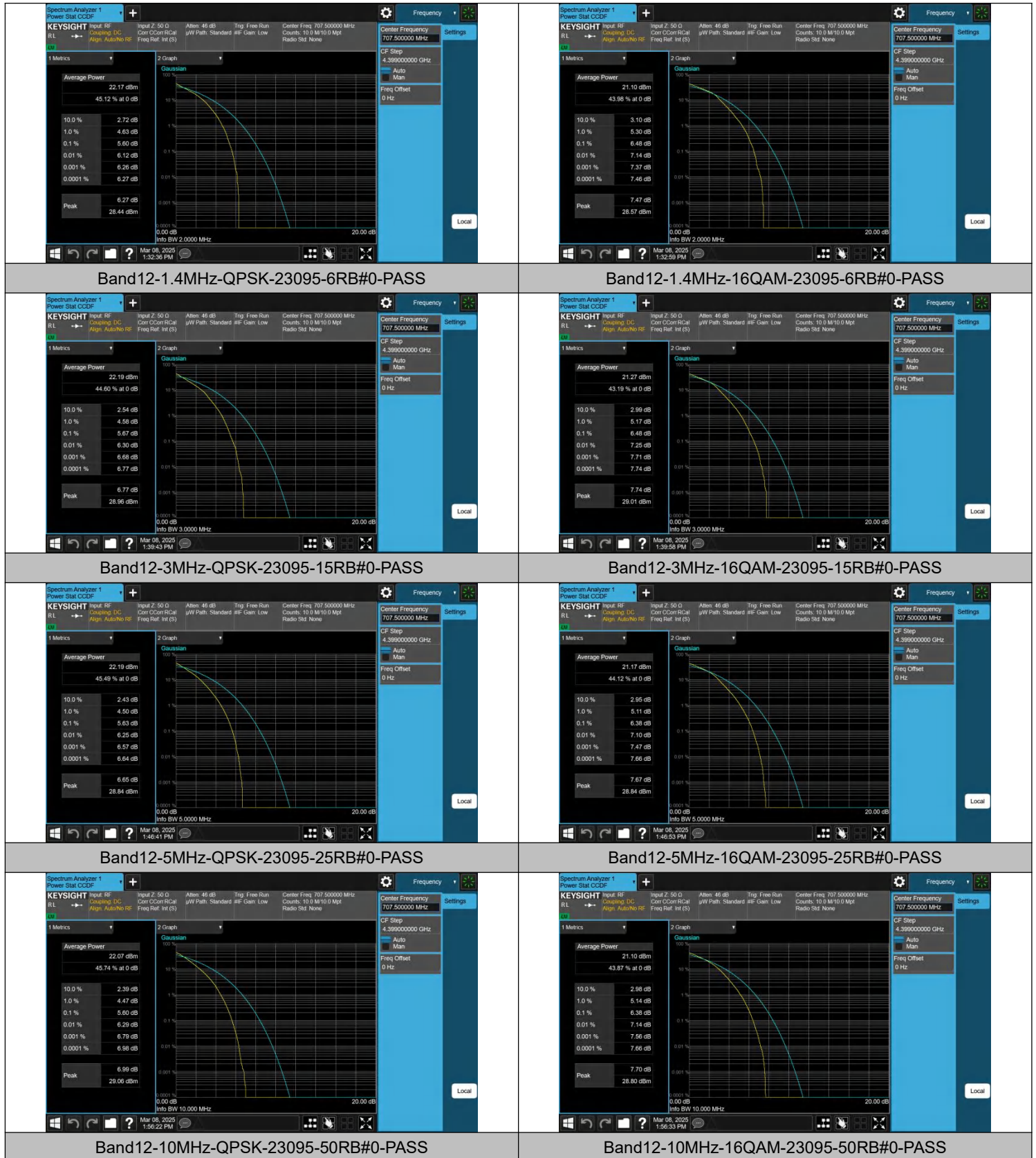
Band12	10MHz	QPSK	23095	1RB#0	23.31	-0.5	20.66	34.8	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.49	-0.5	19.84	34.8	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.89	-0.5	21.24	34.8	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.69	-0.5	21.04	34.8	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.44	-0.5	20.79	34.8	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.59	-0.5	19.94	34.8	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.73	-0.5	21.08	34.8	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.55	-0.5	20.9	34.8	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.56	-0.5	19.91	34.8	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.47	-0.5	18.82	34.8	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.79	-0.5	20.14	34.8	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.53	-0.5	19.88	34.8	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.19	-0.5	19.54	34.8	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.49	-0.5	18.84	34.8	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.91	-0.5	20.26	34.8	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.42	-0.5	19.77	34.8	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.84	-0.5	20.19	34.8	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.55	-0.5	18.9	34.8	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.97	-0.5	20.32	34.8	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.59	-0.5	19.94	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	5.60	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.48	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.67	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.48	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.63	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.38	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.60	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.38	13	PASS

Test Graphs

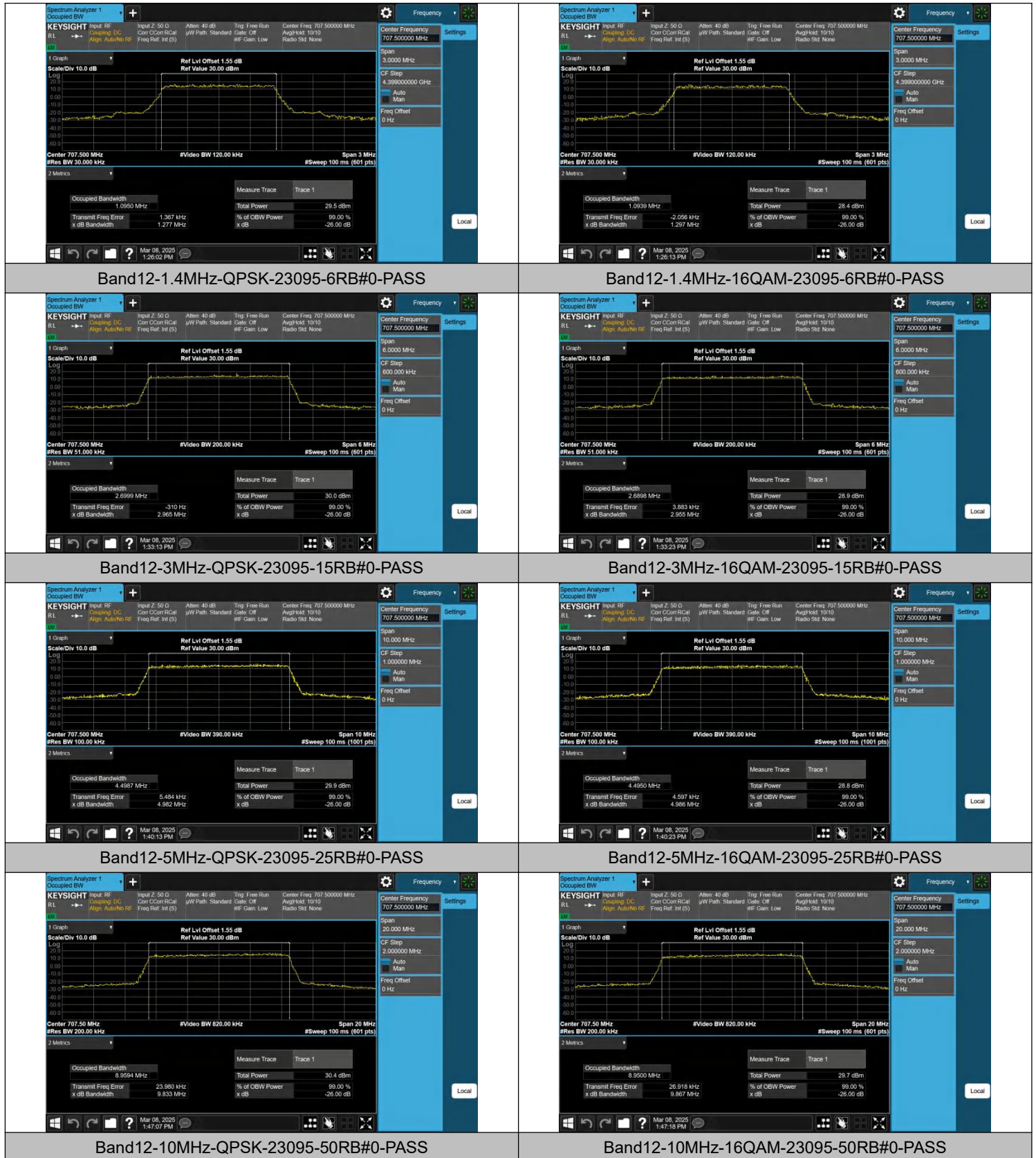


26dB Bandwidth and Occupied Bandwidth

Test Result

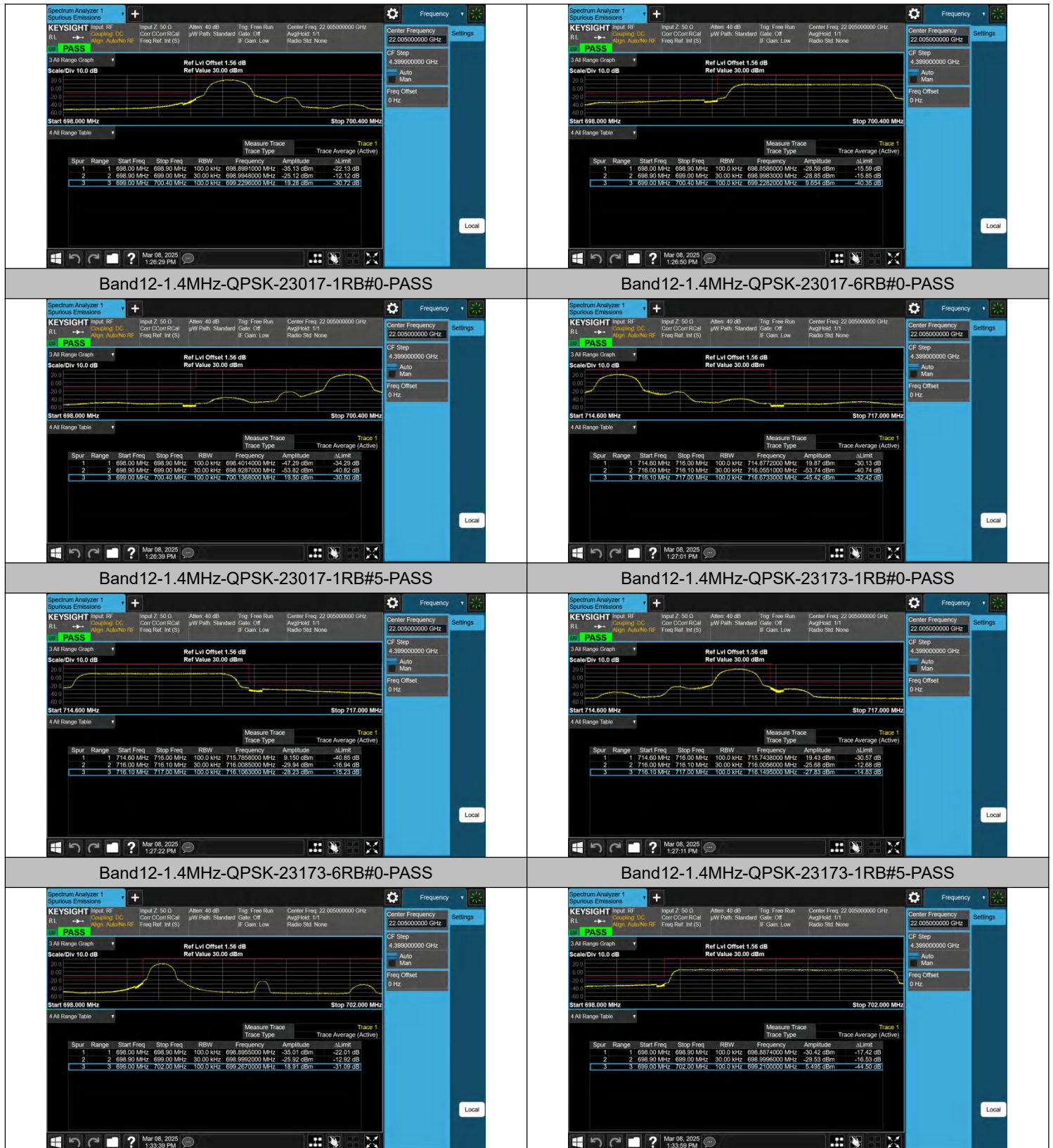
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23095	6RB#0	1.0950	1.277	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0939	1.297	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6999	2.965	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6898	2.955	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4987	4.982	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4950	4.986	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9594	9.833	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9500	9.867	PASS

Test Graphs



Band Edge

Test Graphs



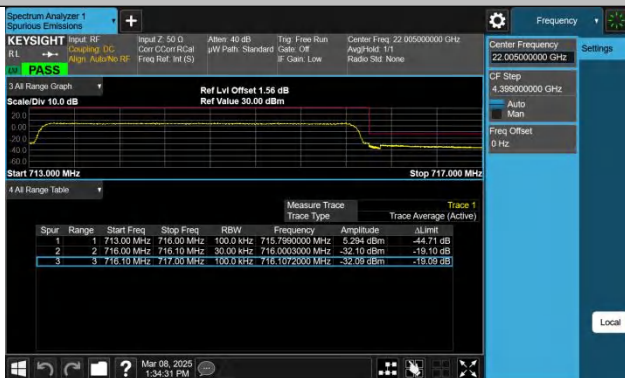
Band12-3MHz-QPSK-23025-1RB#0-PASS



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



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



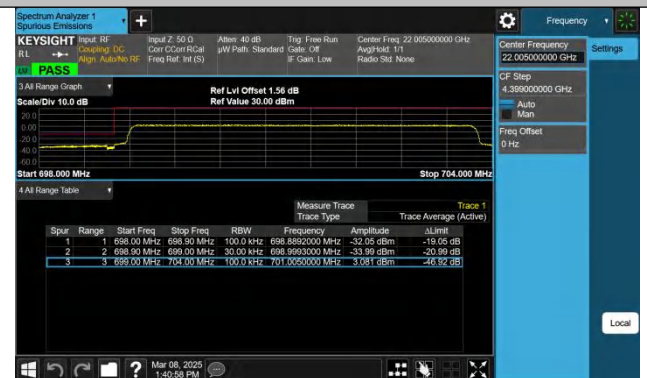
Band12-3MHz-QPSK-23165-1RB#0-PASS



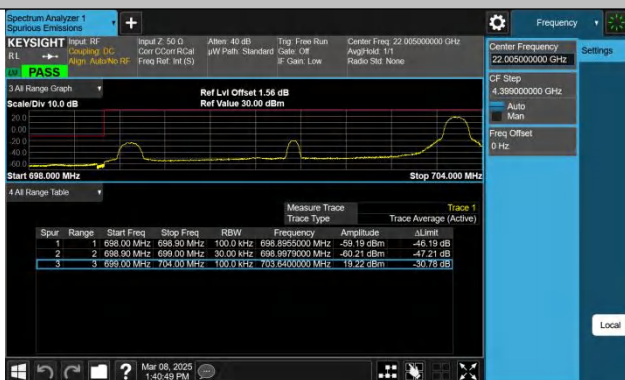
Band12-3MHz-QPSK-23165-15RB#0-PASS



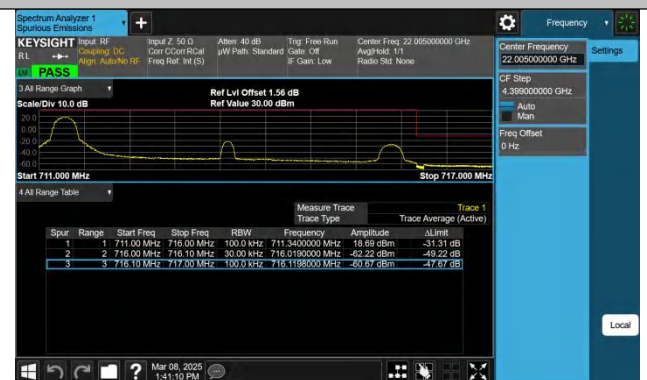
Band12-3MHz-QPSK-23165-1RB#14-PASS



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

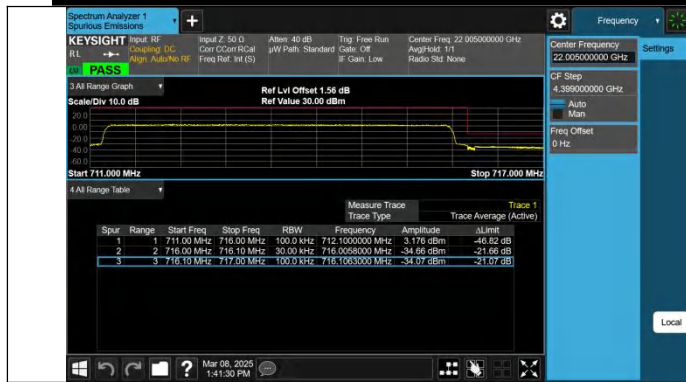


Band12-5MHz-QPSK-23035-25RB#0-PASS



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

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



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



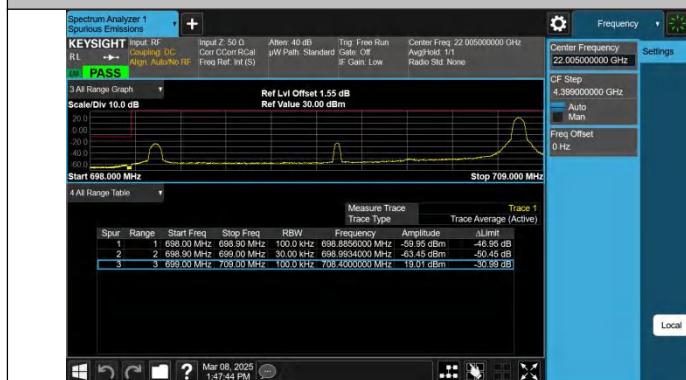
Band12-5MHz-QPSK-23155-1RB#24-PASS



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



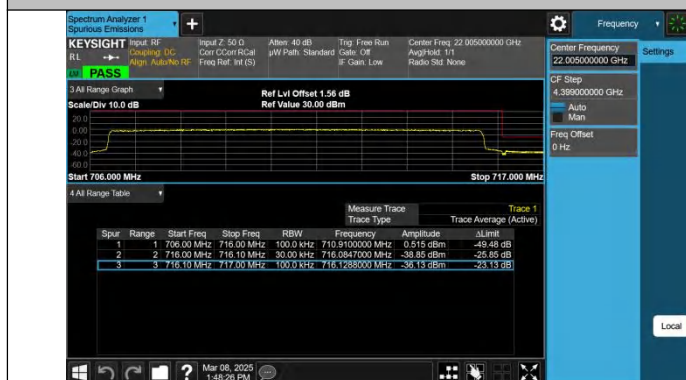
Band12-10MHz-QPSK-23060-50RB#0-PASS



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

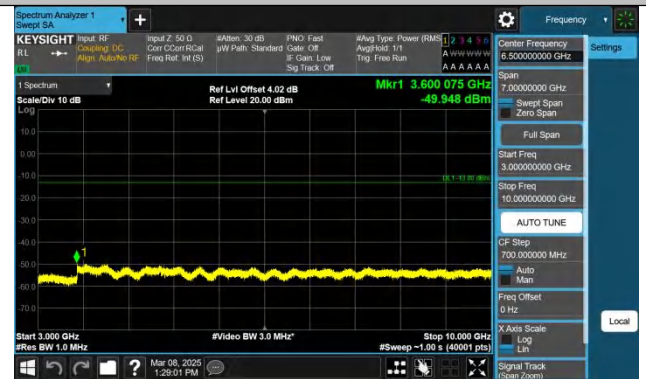
Test Graphs



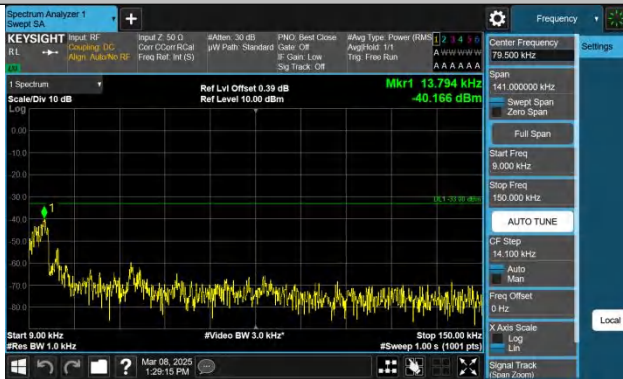
Band12-1.4MHz-QPSK-23017-1RB#5-0.15~30-PASS



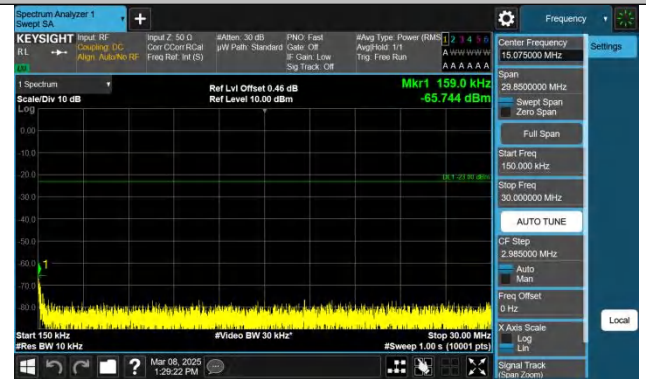
Band12-1.4MHz-QPSK-23017-1RB#5-30~1000-PASS



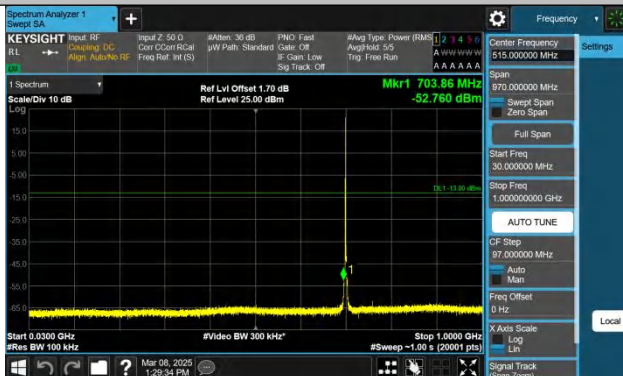
Band12-1.4MHz-QPSK-23017-1RB#5-1000~3000-PASS



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



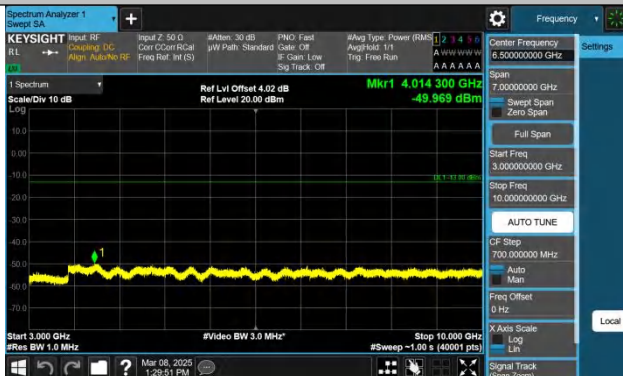
Band12-1.4MHz-QPSK-23095-1RB#0-0.009~0.15-PASS



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



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

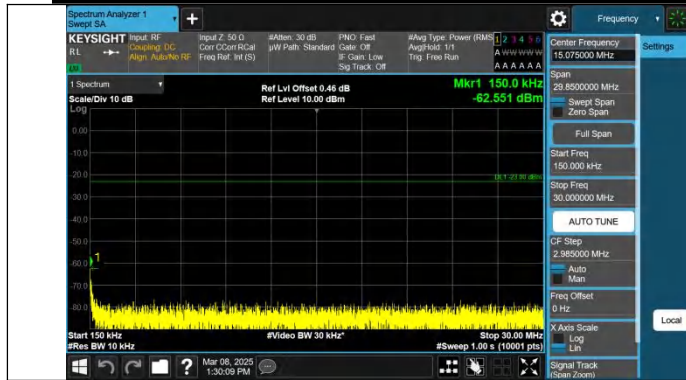


Band12-1.4MHz-QPSK-23095-1RB#0-1000~3000-PASS

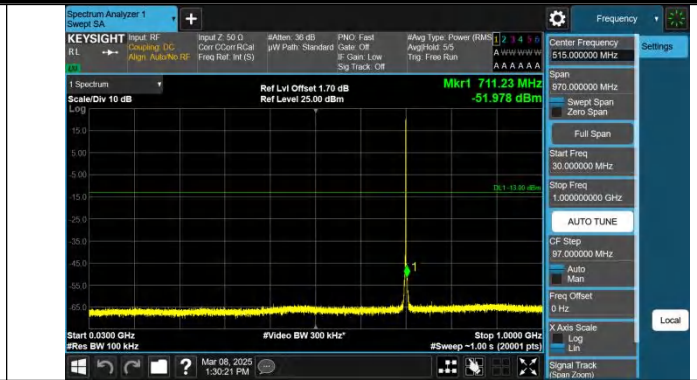


Band12-1.4MHz-QPSK-23095-1RB#0-3000~10000-PASS

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



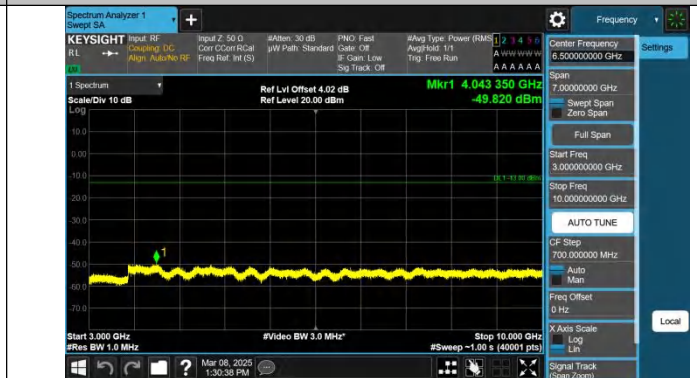
Band12-1.4MHz-QPSK-23095-1RB#5-0.15~30-PASS



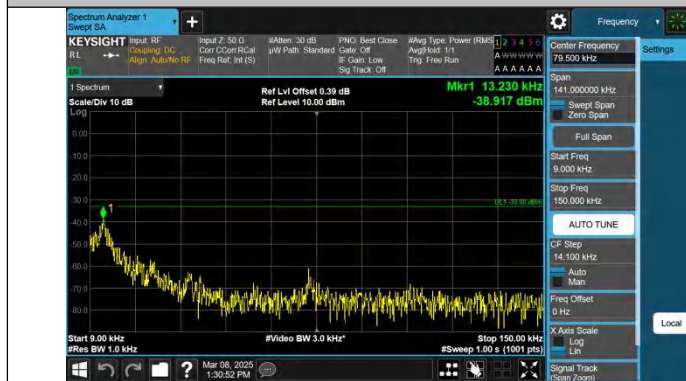
Band12-1.4MHz-QPSK-23095-1RB#5-30~1000-PASS



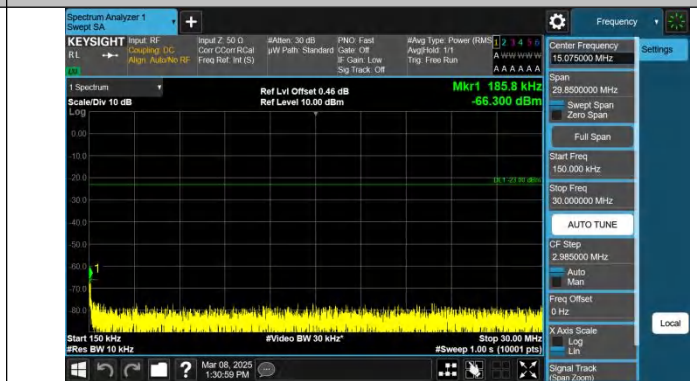
Band12-1.4MHz-QPSK-23095-1RB#5-1000~3000-PASS



Band12-1.4MHz-QPSK-23095-1RB#5-3000~10000-PASS



Band12-1.4MHz-QPSK-23173-1RB#0-0.009~0.15-PASS



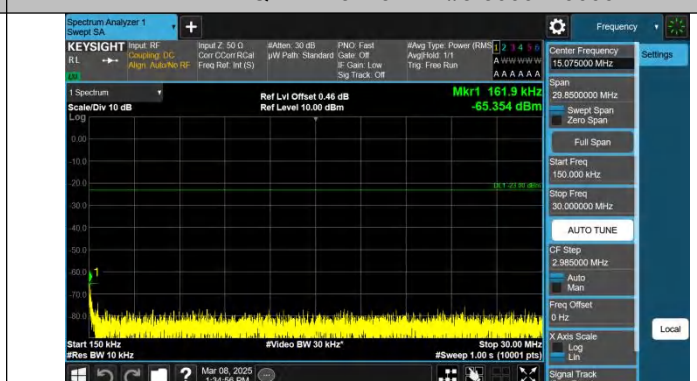
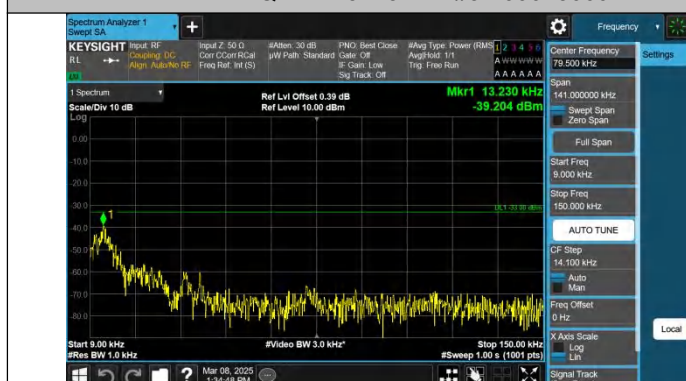
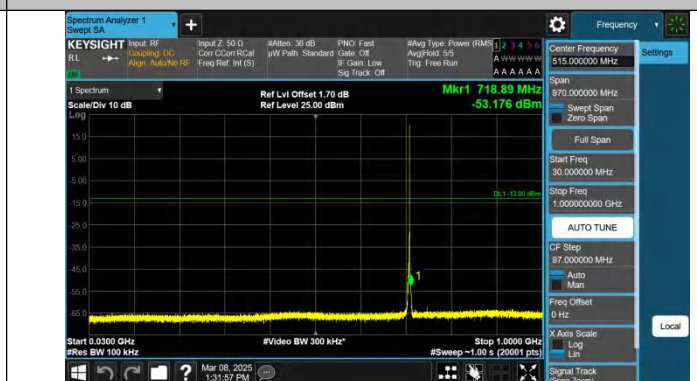
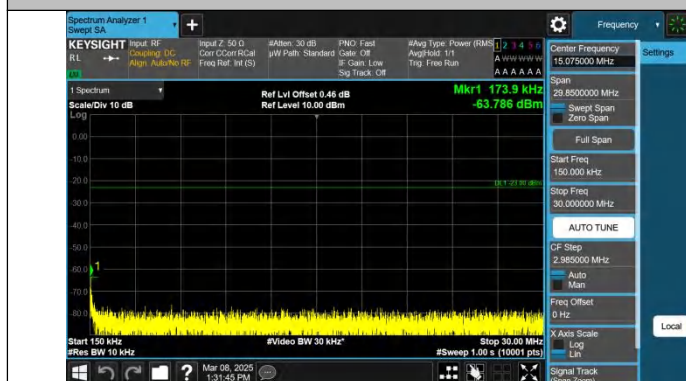
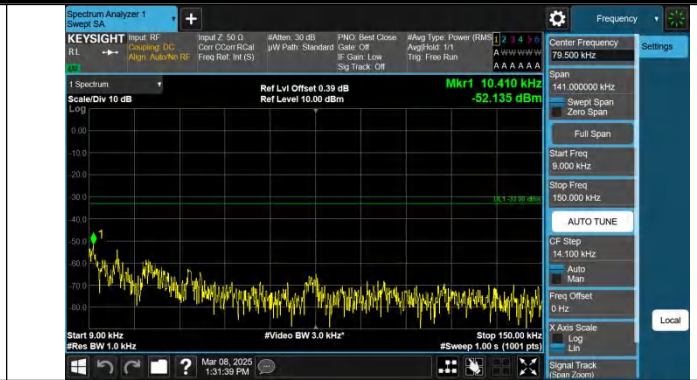
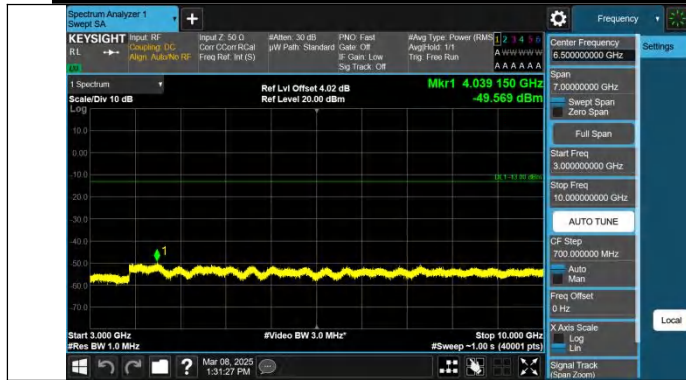
Band12-1.4MHz-QPSK-23173-1RB#0-0.15~30-PASS

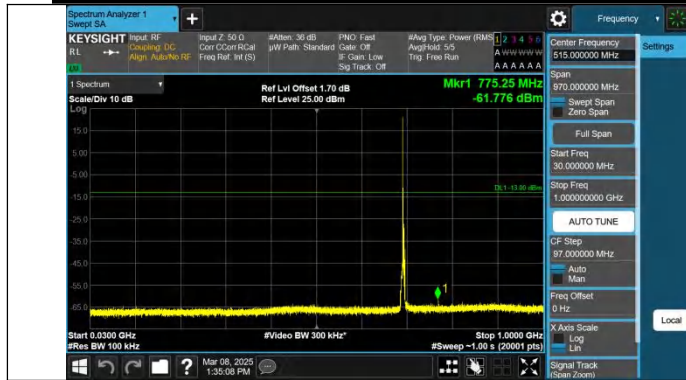


Band12-1.4MHz-QPSK-23173-1RB#0-30~1000-PASS



Band12-1.4MHz-QPSK-23173-1RB#0-1000~3000-PASS

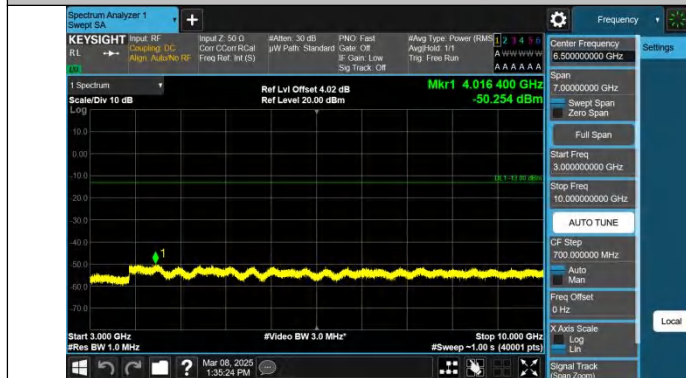




Band12-3MHz-QPSK-23025-1RB#0-30~1000-PASS



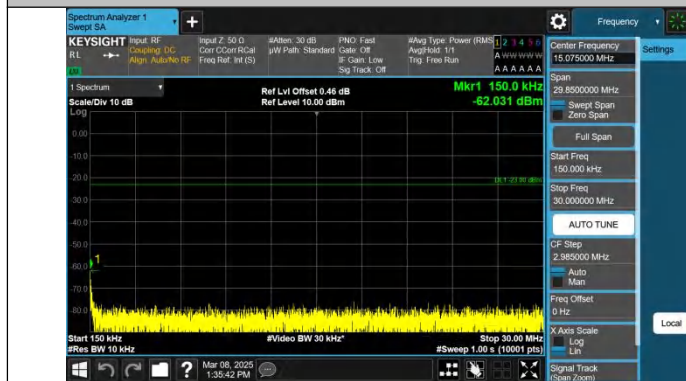
Band12-3MHz-QPSK-23025-1RB#0-1000~3000-PASS



Band12-3MHz-QPSK-23025-1RB#0-3000~10000-PASS



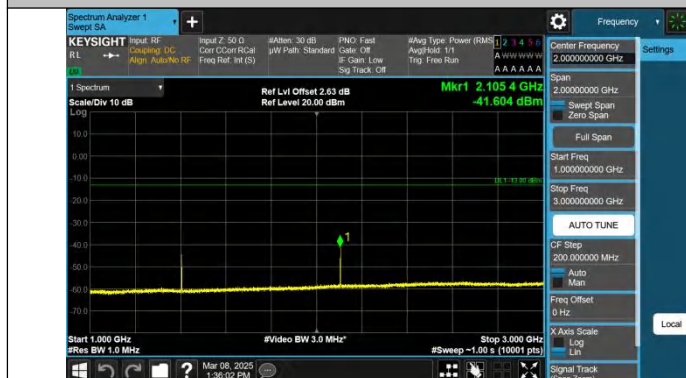
Band12-3MHz-QPSK-23025-1RB#14-0.009~0.15-PASS



Band12-3MHz-QPSK-23025-1RB#14-0.15~30-PASS



Band12-3MHz-QPSK-23025-1RB#14-30~1000-PASS



Band12-3MHz-QPSK-23025-1RB#14-1000~3000-PASS



Band12-3MHz-QPSK-23025-1RB#14-3000~10000-PASS