

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	22.65	3.26	23.76	34.8	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	21.72	3.26	22.83	34.8	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	22.77	3.26	23.88	34.8	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	22.8	3.26	23.91	34.8	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	22.37	3.26	23.48	34.8	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	21.69	3.26	22.8	34.8	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	22.69	3.26	23.8	34.8	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	22.71	3.26	23.82	34.8	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.94	3.26	24.05	34.8	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	21.89	3.26	23	34.8	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.85	3.26	23.96	34.8	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.89	3.26	24	34.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	21.53	3.26	22.64	34.8	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	20.74	3.26	21.85	34.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	21.82	3.26	22.93	34.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	21.87	3.26	22.98	34.8	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	21.36	3.26	22.47	34.8	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	20.65	3.26	21.76	34.8	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	21.68	3.26	22.79	34.8	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	21.7	3.26	22.81	34.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	21.94	3.26	23.05	34.8	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.03	3.26	22.14	34.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	21.82	3.26	22.93	34.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	21.81	3.26	22.92	34.8	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.4	3.26	23.51	34.8	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.89	3.26	23	34.8	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.84	3.26	23.95	34.8	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.74	3.26	23.85	34.8	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.43	3.26	23.54	34.8	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.65	3.26	22.76	34.8	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.73	3.26	23.84	34.8	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.58	3.26	23.69	34.8	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.95	3.26	24.06	34.8	PASS

Band12	3MHz	QPSK	23165	15RB#0	21.85	3.26	22.96	34.8	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.86	3.26	23.97	34.8	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.74	3.26	23.85	34.8	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.57	3.26	22.68	34.8	PASS
Band12	3MHz	16QAM	23025	15RB#0	20.89	3.26	22	34.8	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.18	3.26	23.29	34.8	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.04	3.26	23.15	34.8	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.39	3.26	22.5	34.8	PASS
Band12	3MHz	16QAM	23095	15RB#0	20.68	3.26	21.79	34.8	PASS
Band12	3MHz	16QAM	23095	1RB#8	21.77	3.26	22.88	34.8	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.62	3.26	22.73	34.8	PASS
Band12	3MHz	16QAM	23165	1RB#0	21.84	3.26	22.95	34.8	PASS
Band12	3MHz	16QAM	23165	15RB#0	20.94	3.26	22.05	34.8	PASS
Band12	3MHz	16QAM	23165	1RB#8	21.91	3.26	23.02	34.8	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.67	3.26	22.78	34.8	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.74	3.26	23.85	34.8	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.1	3.26	23.21	34.8	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.06	3.26	24.17	34.8	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.95	3.26	24.06	34.8	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.67	3.26	23.78	34.8	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.81	3.26	22.92	34.8	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.69	3.26	23.8	34.8	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.85	3.26	23.96	34.8	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.27	3.26	24.38	34.8	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.26	3.26	23.37	34.8	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.38	3.26	24.49	34.8	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.19	3.26	24.3	34.8	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.56	3.26	22.67	34.8	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.09	3.26	22.2	34.8	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.91	3.26	23.02	34.8	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.81	3.26	22.92	34.8	PASS
Band12	5MHz	16QAM	23095	1RB#0	21.91	3.26	23.02	34.8	PASS
Band12	5MHz	16QAM	23095	25RB#0	20.79	3.26	21.9	34.8	PASS
Band12	5MHz	16QAM	23095	1RB#12	21.98	3.26	23.09	34.8	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.15	3.26	23.26	34.8	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.28	3.26	23.39	34.8	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.48	3.26	22.59	34.8	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.31	3.26	23.42	34.8	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.12	3.26	23.23	34.8	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.61	3.26	23.72	34.8	PASS

Band12	10MHz	QPSK	23060	50RB#0	21.68	3.26	22.79	34.8	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.74	3.26	23.85	34.8	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.75	3.26	23.86	34.8	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.94	3.26	24.05	34.8	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.93	3.26	23.04	34.8	PASS
Band12	10MHz	QPSK	23095	1RB#24	22.78	3.26	23.89	34.8	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.14	3.26	24.25	34.8	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.62	3.26	23.73	34.8	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.26	3.26	23.37	34.8	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.31	3.26	24.42	34.8	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.15	3.26	24.26	34.8	PASS
Band12	10MHz	16QAM	23060	27RB#0	21.02	3.26	22.13	34.8	PASS
Band12	10MHz	16QAM	23095	27RB#0	20.8	3.26	21.91	34.8	PASS
Band12	10MHz	16QAM	23130	27RB#0	21	3.26	22.11	34.8	PASS
Band12	10MHz	16QAM	23060	1RB#0	21.85	3.26	22.96	34.8	PASS
Band12	10MHz	16QAM	23060	1RB#24	21.9	3.26	23.01	34.8	PASS
Band12	10MHz	16QAM	23060	1RB#49	21.94	3.26	23.05	34.8	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.01	3.26	23.12	34.8	PASS
Band12	10MHz	16QAM	23095	1RB#24	21.8	3.26	22.91	34.8	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.15	3.26	23.26	34.8	PASS
Band12	10MHz	16QAM	23130	1RB#0	21.75	3.26	22.86	34.8	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.35	3.26	23.46	34.8	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.21	3.26	23.32	34.8	PASS

Peak-to-Average Ratio(CCDF)

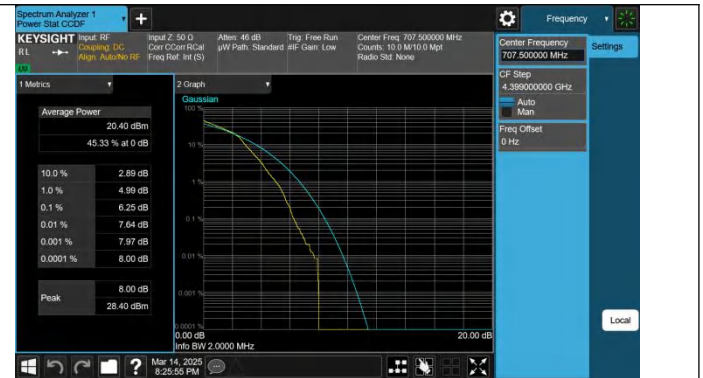
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23095	6RB#0	5.70	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.25	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.52	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.30	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.66	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.23	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.52	13	PASS
Band12	10MHz	16QAM	23095	27RB#0	6.31	13	PASS

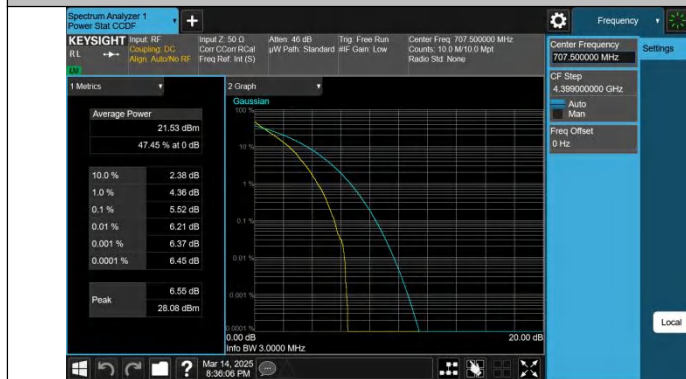
Test Graphs



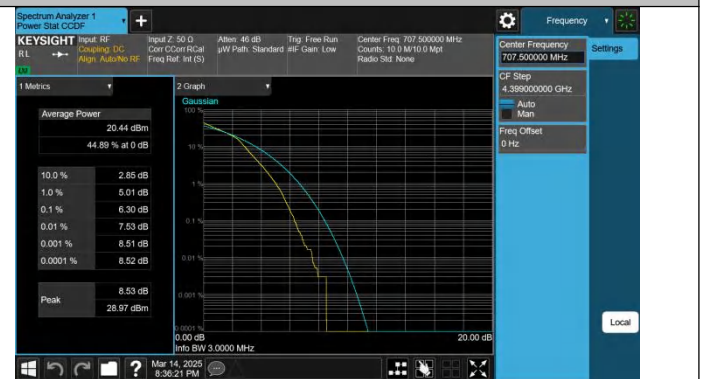
Band12-1.4MHz-QPSK-23095-6RB#0-PASS



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



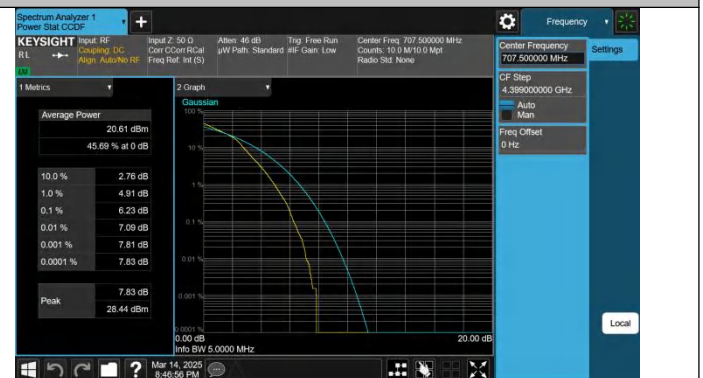
Band12-3MHz-QPSK-23095-15RB#0-PASS



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



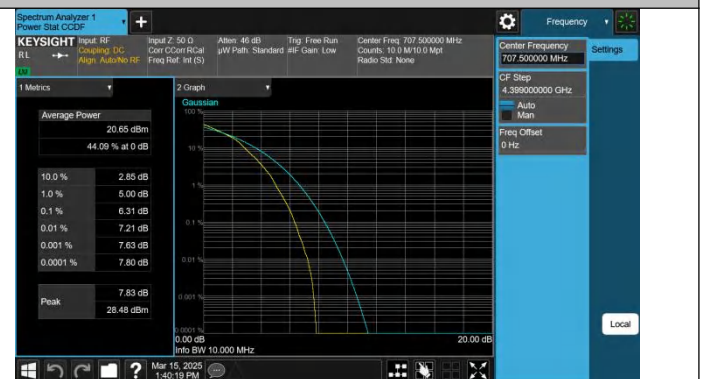
Band12-5MHz-QPSK-23095-25RB#0-PASS



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



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



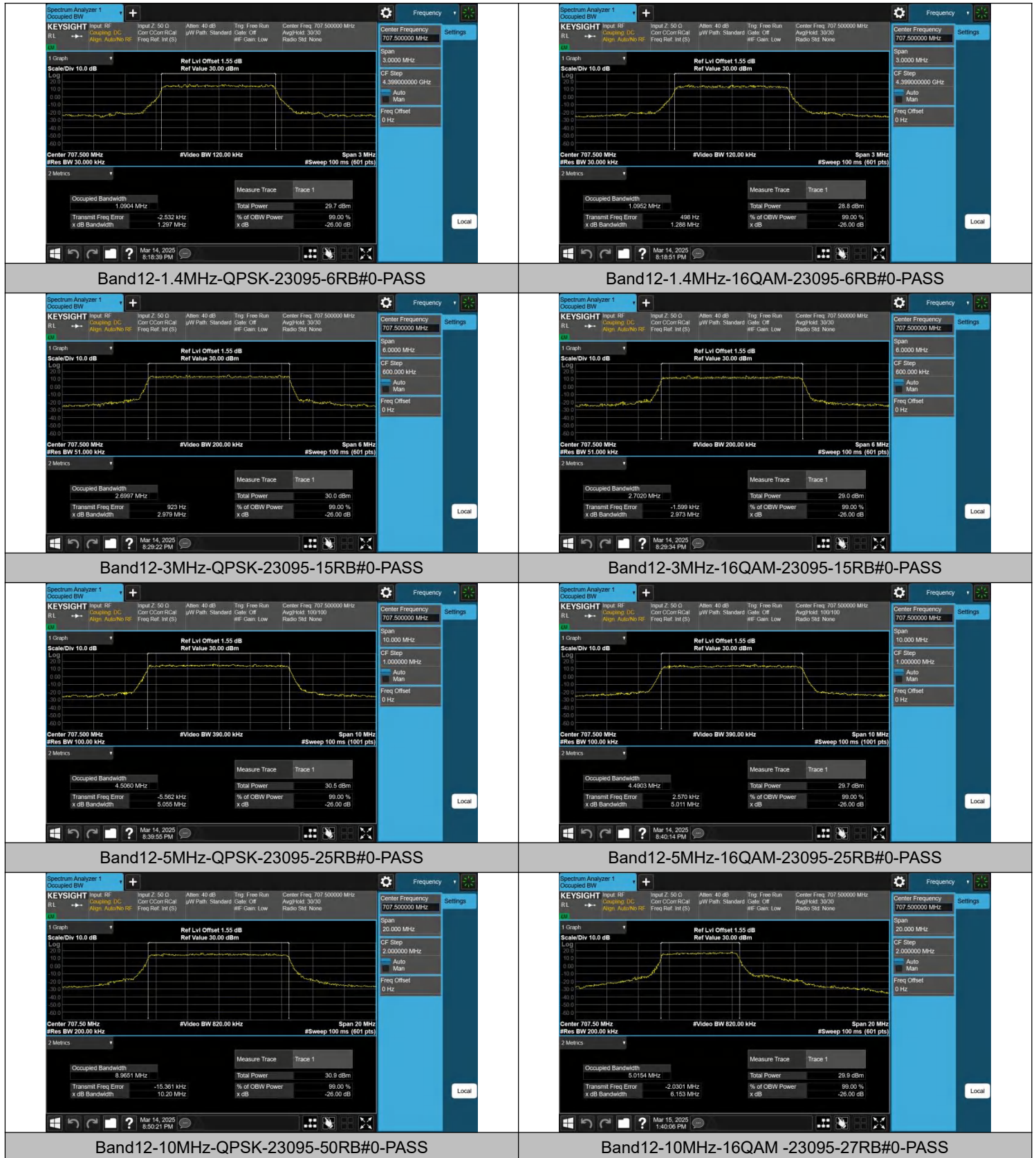
Band12-10MHz-16QAM-23095-27RB#0-PASS

26dB Bandwidth and Occupied Bandwidth

Test Result

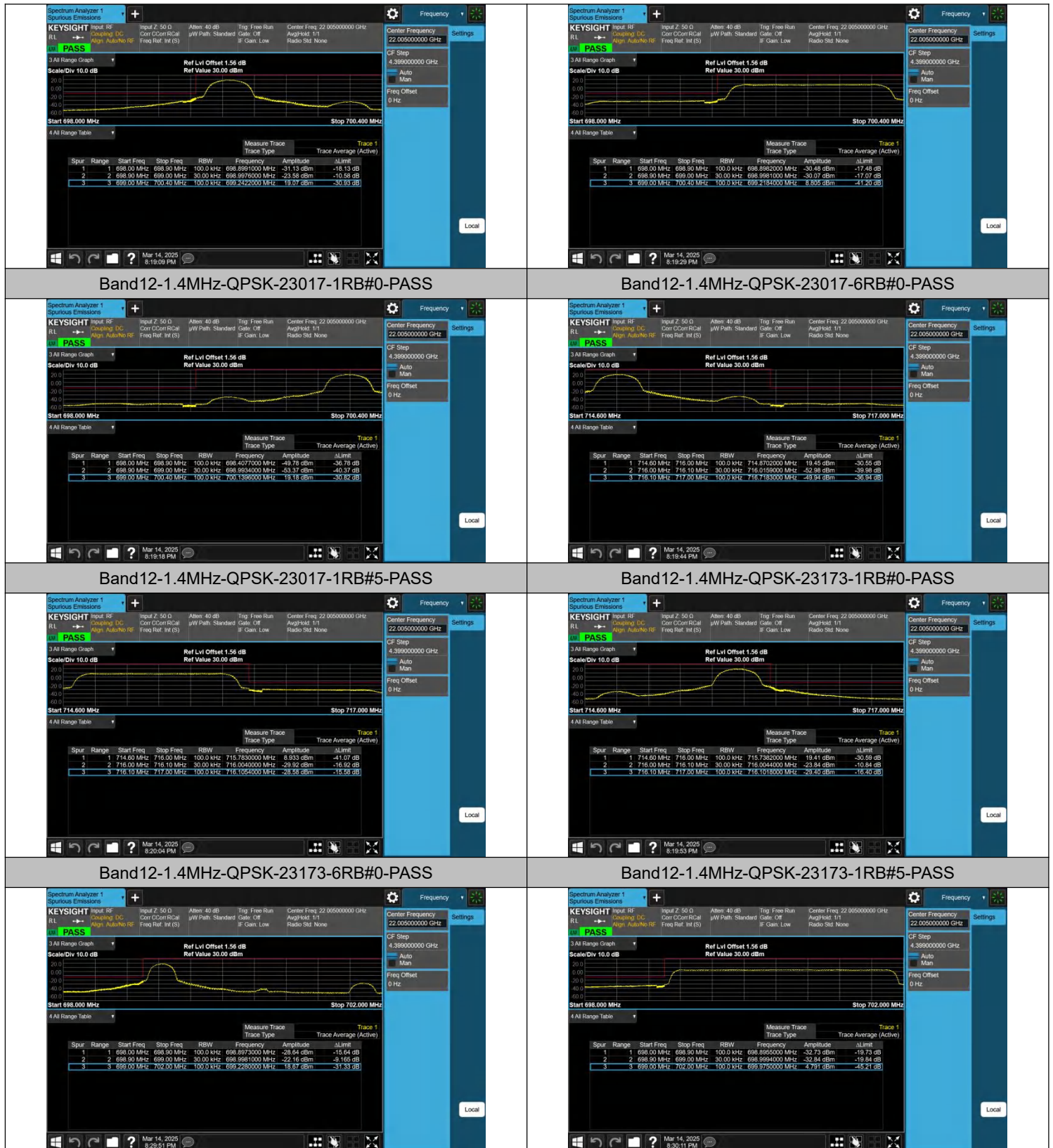
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23095	6RB#0	1.0904	1.297	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0952	1.288	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6997	2.979	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.7020	2.973	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5060	5.055	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4903	5.011	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9651	10.20	PASS
Band12	10MHz	16QAM	23095	27RB#0	5.0154	6.153	PASS

Test Graphs



Band Edge

Test Graphs



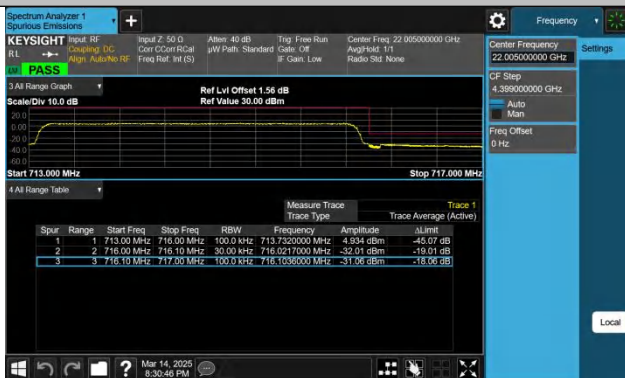
Band12-3MHz-QPSK-23025-1RB#0-PASS



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



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



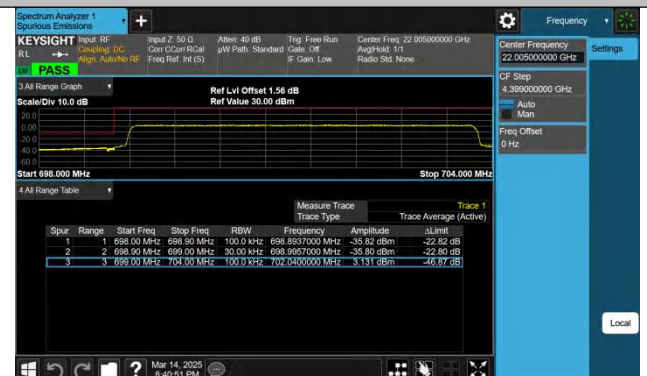
Band12-3MHz-QPSK-23165-1RB#0-PASS



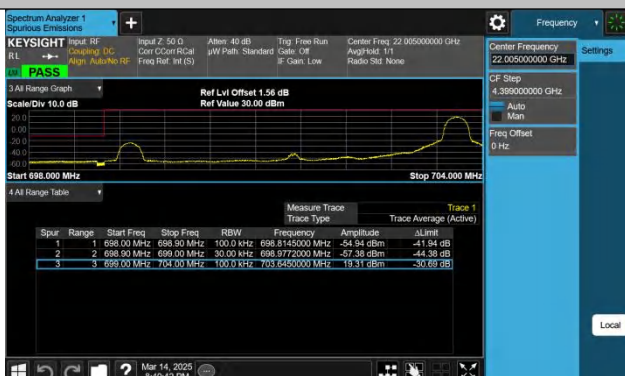
Band12-3MHz-QPSK-23165-15RB#0-PASS



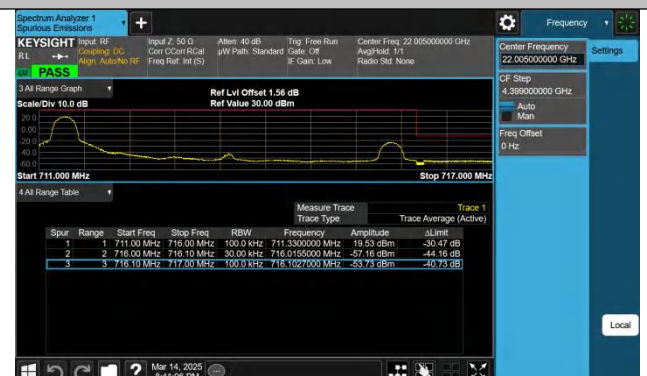
Band12-3MHz-QPSK-23165-1RB#14-PASS



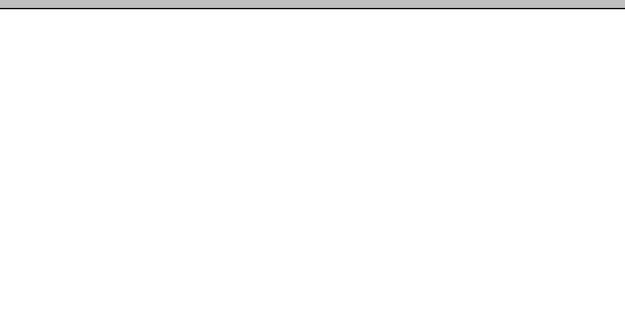
Band12-5MHz-QPSK-23035-1RB#0-PASS



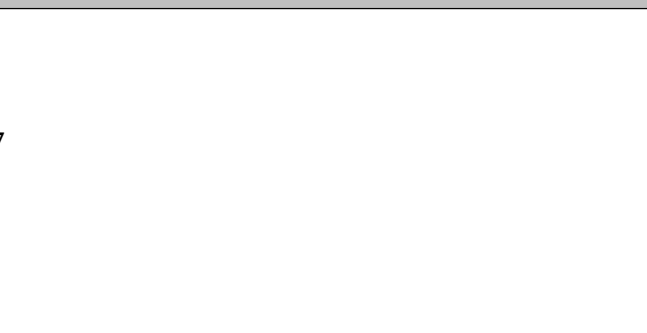
Band12-5MHz-QPSK-23035-25RB#0-PASS

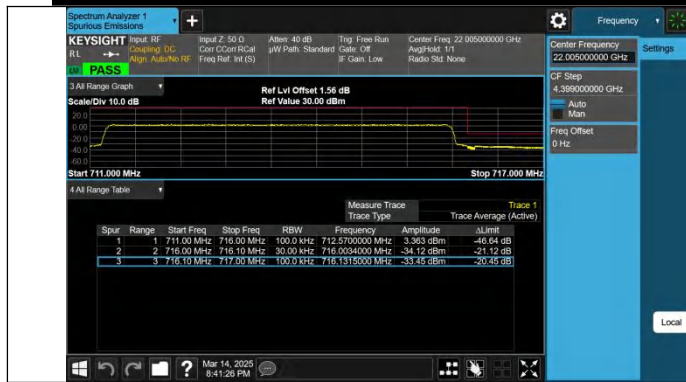


Band12-5MHz-QPSK-23035-1RB#24-PASS



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





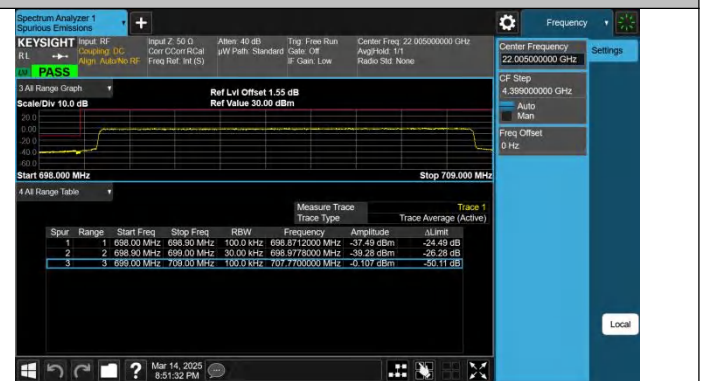
Band12-5MHz-QPSK-23155-25RB#0-PASS



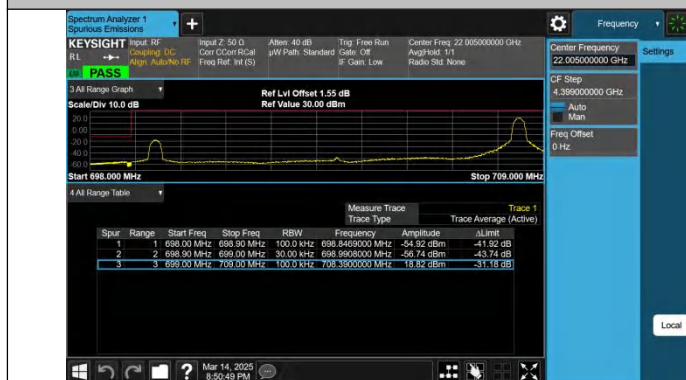
Band12-5MHz-QPSK-23155-1RB#24-PASS



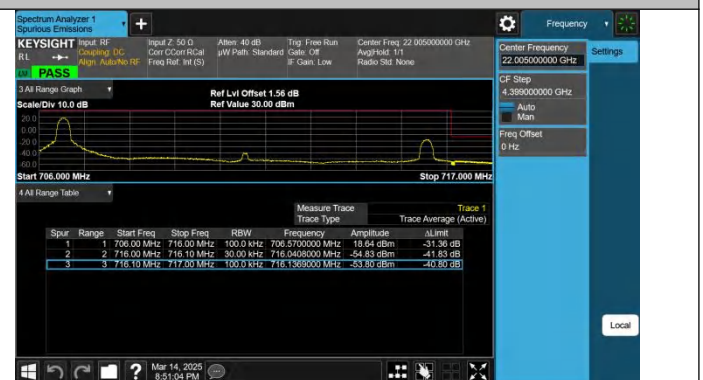
Band12-10MHz-QPSK-23060-1RB#0-PASS



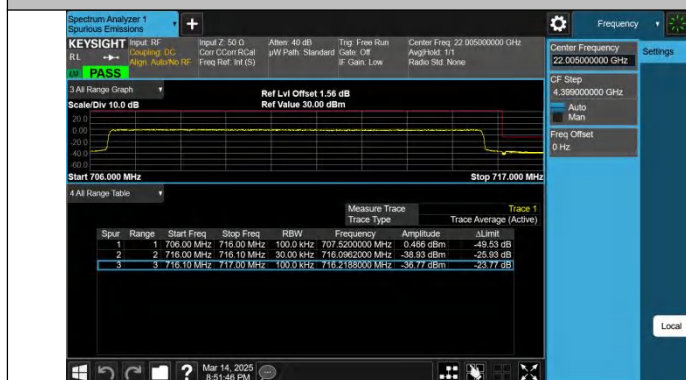
Band12-10MHz-QPSK-23060-50RB#0-PASS



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

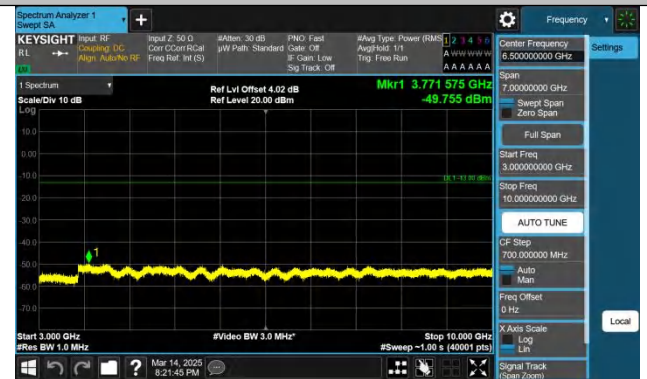
Test Graphs



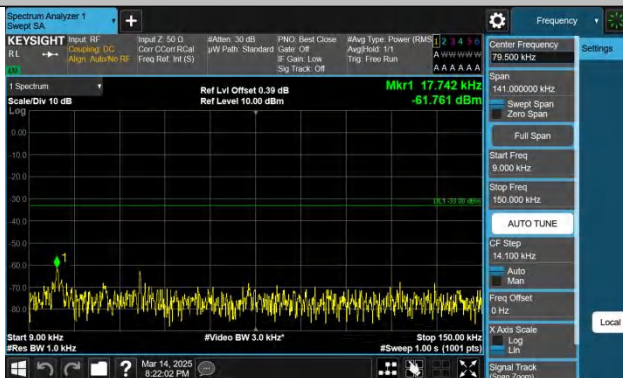
Band12-1.4MHz-QPSK-23017-1RB#5-0.15~30-PASS



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



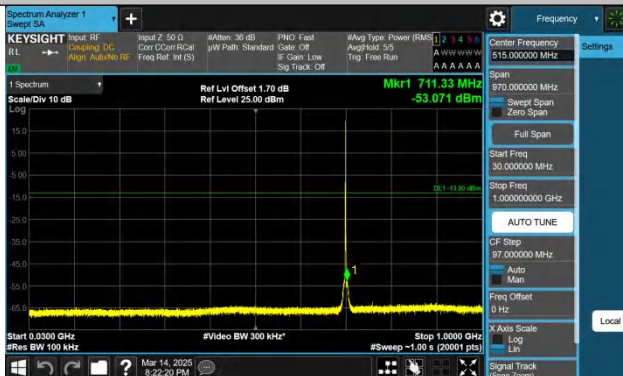
Band12-1.4MHz-QPSK-23017-1RB#5-1000~3000-PASS



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



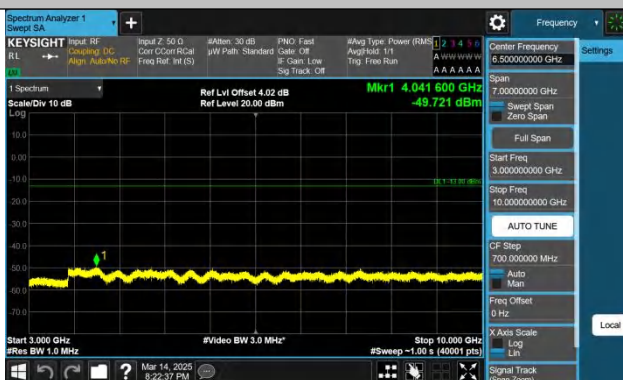
Band12-1.4MHz-QPSK-23095-1RB#0-0.009~0.15-PASS



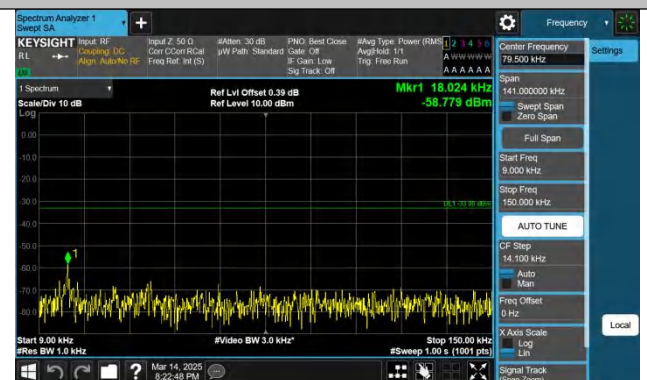
Band12-1.4MHz-QPSK-23095-1RB#0-0.15~30-PASS



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

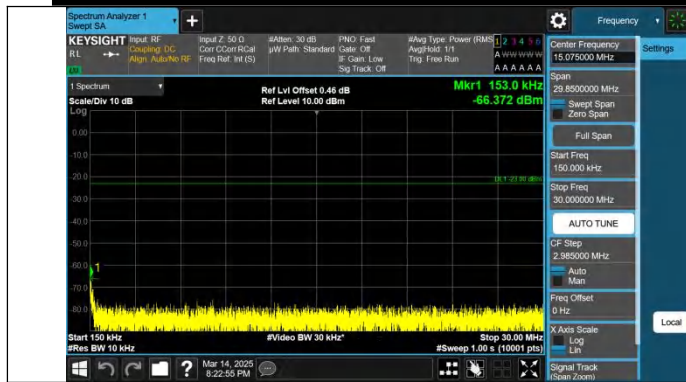


Band12-1.4MHz-QPSK-23095-1RB#0-1000~3000-PASS

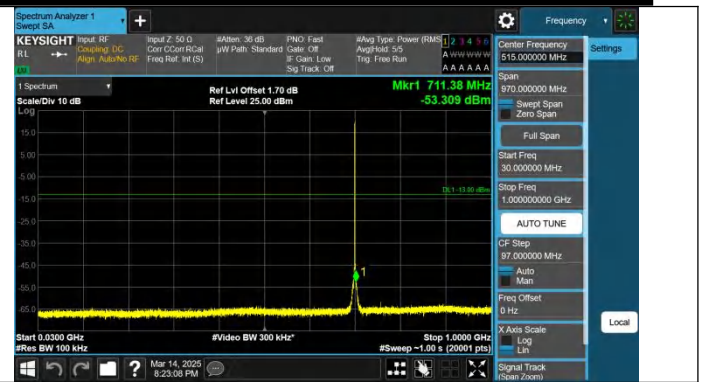


Band12-1.4MHz-QPSK-23095-1RB#0-3000~10000-PASS

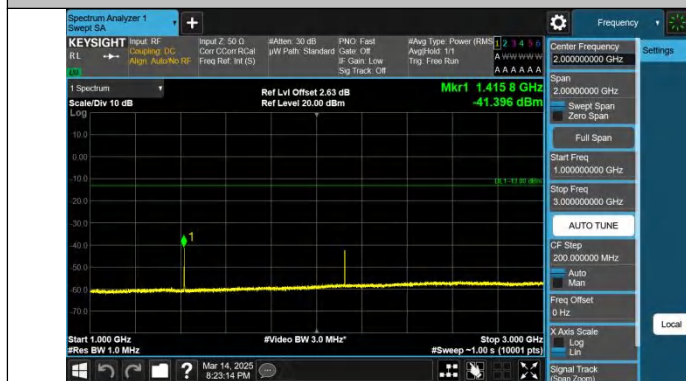
Band12-1.4MHz-QPSK-23095-1RB#5-0.009~0.15-PASS



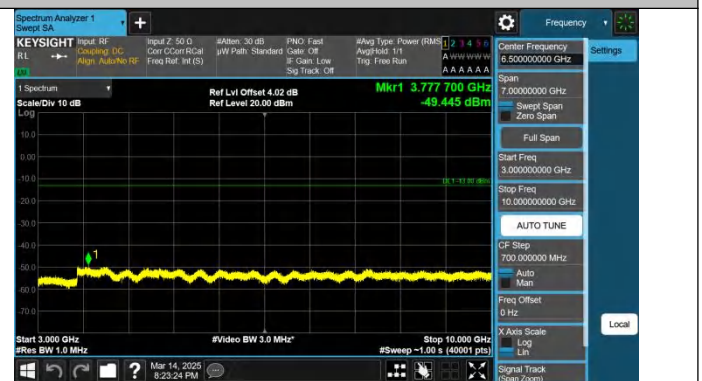
Band12-1.4MHz-QPSK-23095-1RB#5-0.15~30-PASS



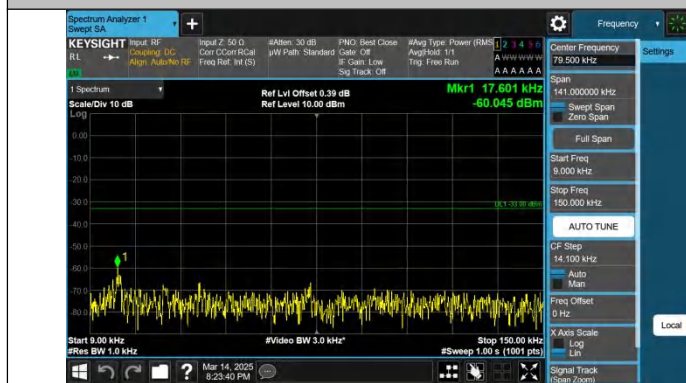
Band12-1.4MHz-QPSK-23095-1RB#5-30~1000-PASS



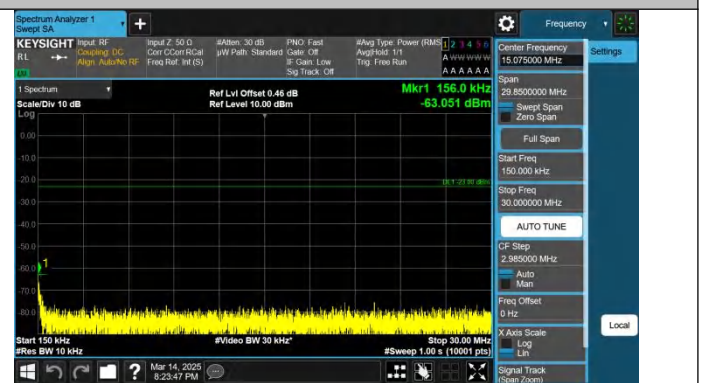
Band12-1.4MHz-QPSK-23095-1RB#5-1000~3000-PASS



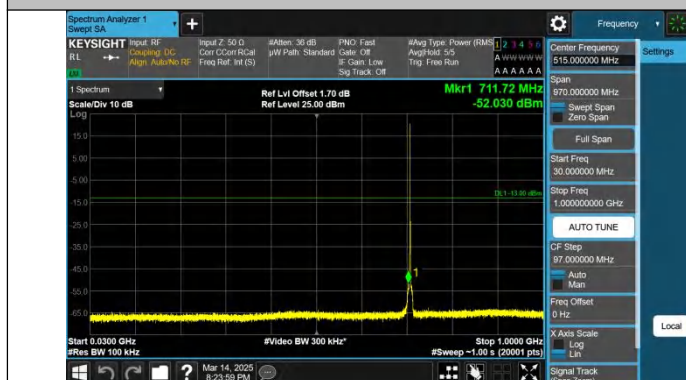
Band12-1.4MHz-QPSK-23095-1RB#5-3000~10000-PASS



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



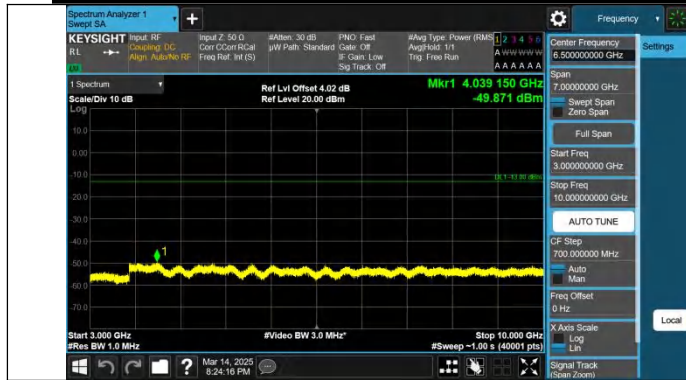
Band12-1.4MHz-QPSK-23173-1RB#0-0.15~30-PASS



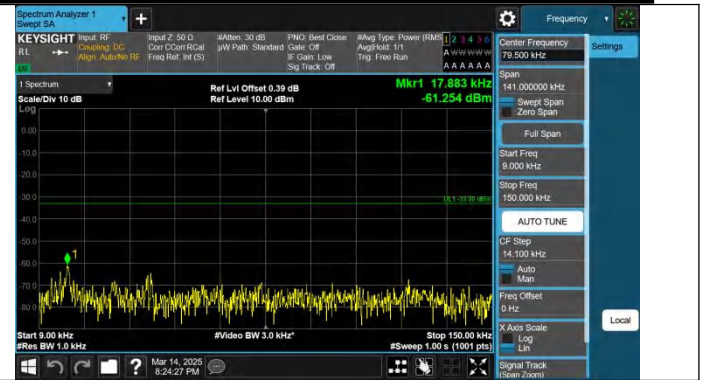
Band12-1.4MHz-QPSK-23173-1RB#0-30~1000-PASS



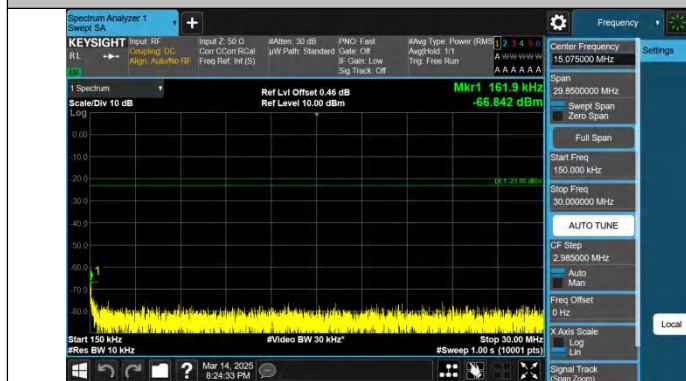
Band12-1.4MHz-QPSK-23173-1RB#0-1000~3000-PASS



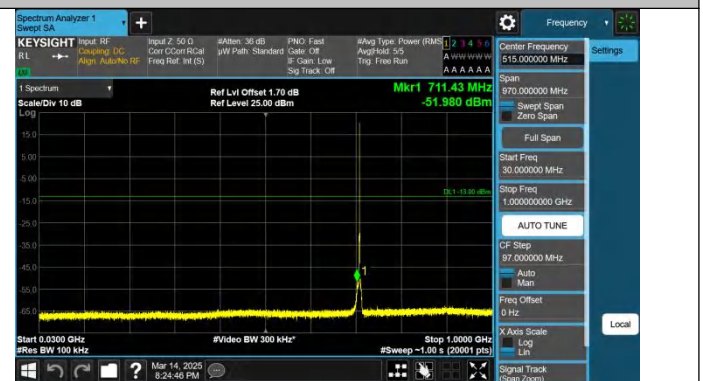
Band12-1.4MHz-QPSK-23173-1RB#0-3000~10000-PASS



Band12-1.4MHz-QPSK-23173-1RB#5-0.009~0.15-PASS



Band12-1.4MHz-QPSK-23173-1RB#5-0.15~30-PASS



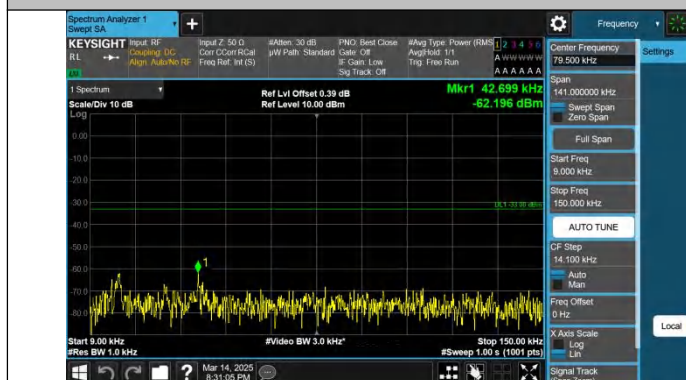
Band12-1.4MHz-QPSK-23173-1RB#5-30~1000-PASS



Band12-1.4MHz-QPSK-23173-1RB#5-1000~3000-PASS



Band12-1.4MHz-QPSK-23173-1RB#5-3000~10000-PASS



Band12-3MHz-QPSK-23025-1RB#0-0.009~0.15-PASS



Band12-3MHz-QPSK-23025-1RB#0-0.15~30-PASS