

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	23.84	3.26	24.95	34.8	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.78	3.26	23.89	34.8	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.82	3.26	24.93	34.8	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.63	3.26	24.74	34.8	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	24.23	3.26	25.34	34.8	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	23.18	3.26	24.29	34.8	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	24.24	3.26	25.35	34.8	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	24.14	3.26	25.25	34.8	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.95	3.26	25.06	34.8	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	23.00	3.26	24.11	34.8	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.96	3.26	25.07	34.8	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.98	3.26	25.09	34.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.69	3.26	23.8	34.8	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.81	3.26	22.92	34.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.73	3.26	23.84	34.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.62	3.26	23.73	34.8	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	23.13	3.26	24.24	34.8	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	22.32	3.26	23.43	34.8	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	23.16	3.26	24.27	34.8	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	23.07	3.26	24.18	34.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.95	3.26	24.06	34.8	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	22.01	3.26	23.12	34.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	23.14	3.26	24.25	34.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	23.05	3.26	24.16	34.8	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.53	3.26	24.64	34.8	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.59	3.26	23.7	34.8	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.50	3.26	24.61	34.8	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.49	3.26	24.6	34.8	PASS
Band12	3MHz	QPSK	23095	1RB#0	24.20	3.26	25.31	34.8	PASS
Band12	3MHz	QPSK	23095	15RB#0	23.23	3.26	24.34	34.8	PASS
Band12	3MHz	QPSK	23095	1RB#8	24.22	3.26	25.33	34.8	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.90	3.26	25.01	34.8	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.75	3.26	24.86	34.8	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.85	3.26	23.96	34.8	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.89	3.26	25	34.8	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.78	3.26	24.89	34.8	PASS

Band12	3MHz	16QAM	23025	1RB#0	22.83	3.26	23.94	34.8	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.63	3.26	22.74	34.8	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.72	3.26	23.83	34.8	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.74	3.26	23.85	34.8	PASS
Band12	3MHz	16QAM	23095	1RB#0	23.15	3.26	24.26	34.8	PASS
Band12	3MHz	16QAM	23095	15RB#0	22.31	3.26	23.42	34.8	PASS
Band12	3MHz	16QAM	23095	1RB#8	23.26	3.26	24.37	34.8	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.93	3.26	24.04	34.8	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.66	3.26	23.77	34.8	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.90	3.26	23.01	34.8	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.85	3.26	23.96	34.8	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.78	3.26	23.89	34.8	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.87	3.26	24.98	34.8	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.73	3.26	23.84	34.8	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.76	3.26	24.87	34.8	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.43	3.26	24.54	34.8	PASS
Band12	5MHz	QPSK	23095	1RB#0	24.12	3.26	25.23	34.8	PASS
Band12	5MHz	QPSK	23095	25RB#0	23.19	3.26	24.3	34.8	PASS
Band12	5MHz	QPSK	23095	1RB#12	24.25	3.26	25.36	34.8	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.83	3.26	24.94	34.8	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.88	3.26	24.99	34.8	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.80	3.26	23.91	34.8	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.91	3.26	25.02	34.8	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.92	3.26	25.03	34.8	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.67	3.26	23.78	34.8	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.74	3.26	22.85	34.8	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.57	3.26	23.68	34.8	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.30	3.26	23.41	34.8	PASS
Band12	5MHz	16QAM	23095	1RB#0	23.33	3.26	24.44	34.8	PASS
Band12	5MHz	16QAM	23095	25RB#0	22.21	3.26	23.32	34.8	PASS
Band12	5MHz	16QAM	23095	1RB#12	23.50	3.26	24.61	34.8	PASS
Band12	5MHz	16QAM	23095	1RB#24	23.11	3.26	24.22	34.8	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.77	3.26	23.88	34.8	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.94	3.26	23.05	34.8	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.84	3.26	23.95	34.8	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.89	3.26	24	34.8	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.71	3.26	24.82	34.8	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.76	3.26	23.87	34.8	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.45	3.26	24.56	34.8	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.71	3.26	24.82	34.8	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.71	3.26	24.82	34.8	PASS

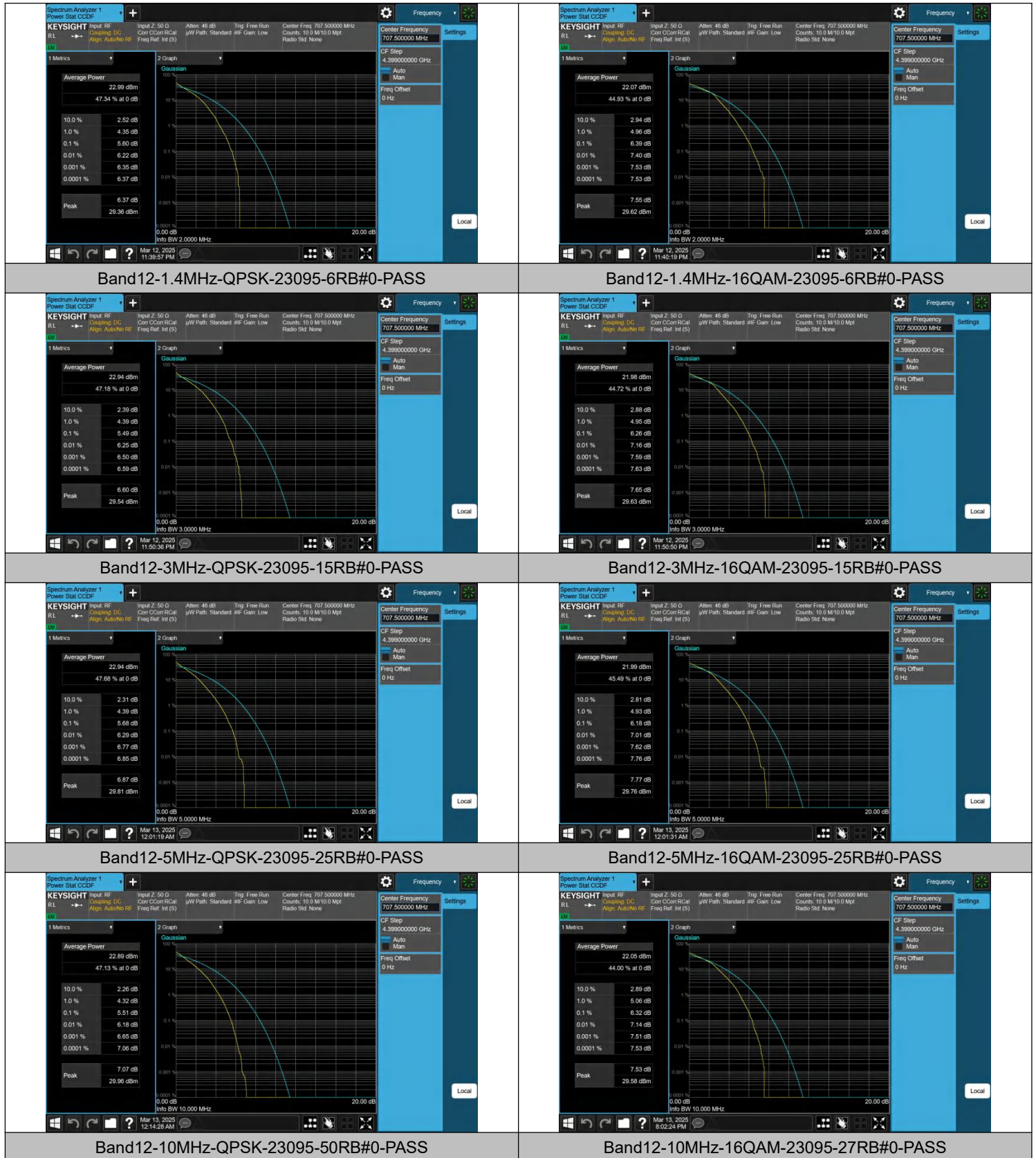
Band12	10MHz	QPSK	23095	50RB#0	23.15	3.26	24.26	34.8	PASS
Band12	10MHz	QPSK	23095	1RB#24	24.26	3.26	25.37	34.8	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.82	3.26	24.93	34.8	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.97	3.26	25.08	34.8	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.65	3.26	23.76	34.8	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.35	3.26	24.46	34.8	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.54	3.26	24.65	34.8	PASS
Band12	10MHz	16QAM	23060	27RB#0	21.75	3.26	22.86	34.8	PASS
Band12	10MHz	16QAM	23095	27RB#0	22.33	3.26	23.44	34.8	PASS
Band12	10MHz	16QAM	23130	27RB#0	21.84	3.26	22.95	34.8	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.95	3.26	24.06	34.8	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.75	3.26	23.86	34.8	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.99	3.26	24.1	34.8	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.69	3.26	23.8	34.8	PASS
Band12	10MHz	16QAM	23095	1RB#24	23.24	3.26	24.35	34.8	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.80	3.26	23.91	34.8	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.87	3.26	23.98	34.8	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.28	3.26	23.39	34.8	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.48	3.26	23.59	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	6.39	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.49	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.26	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.68	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.18	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.51	13	PASS
Band12	10MHz	16QAM	23095	27RB#0	6.32	13	PASS

Test Graphs

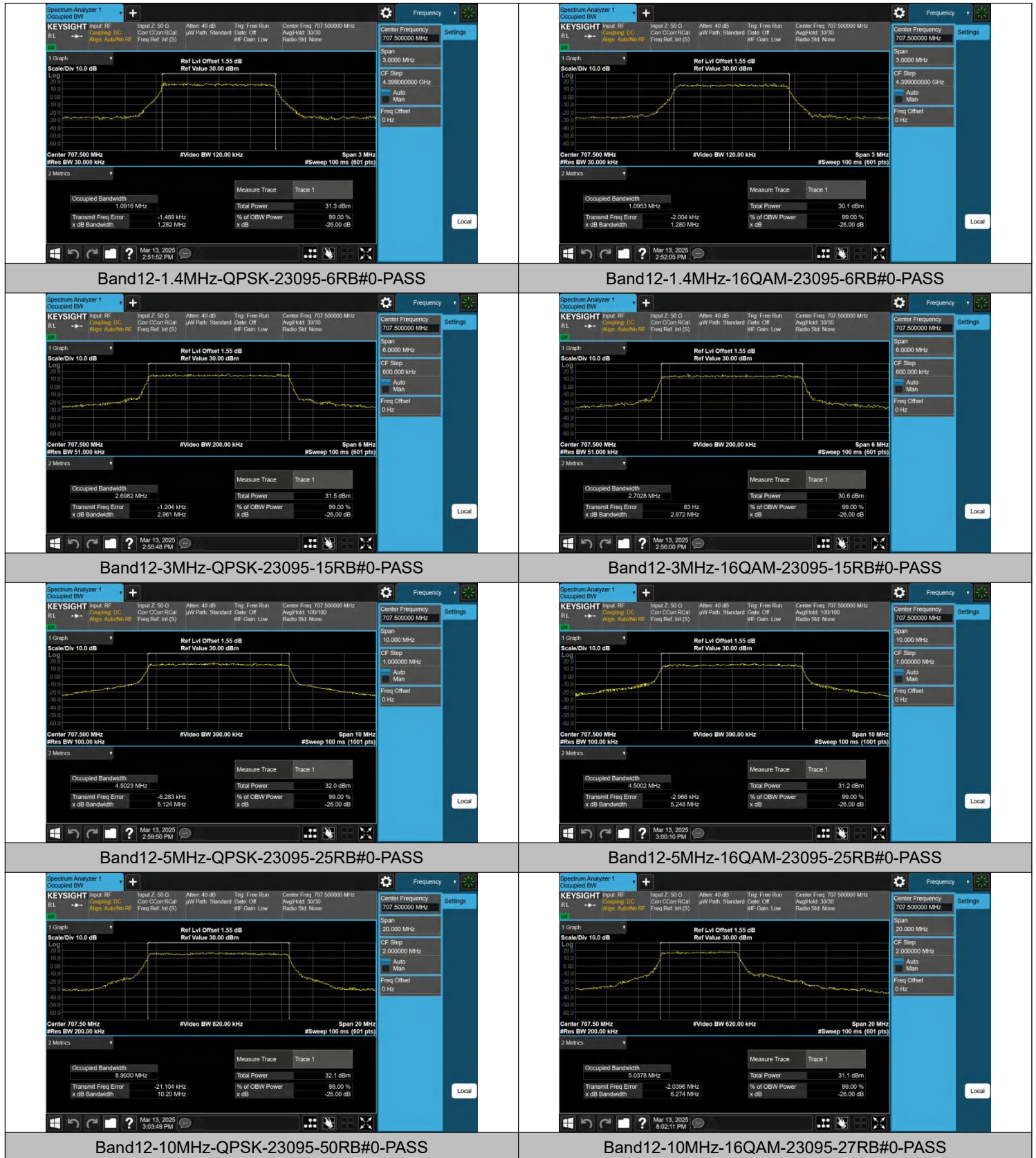


26dB Bandwidth and Occupied Bandwidth

Test Result

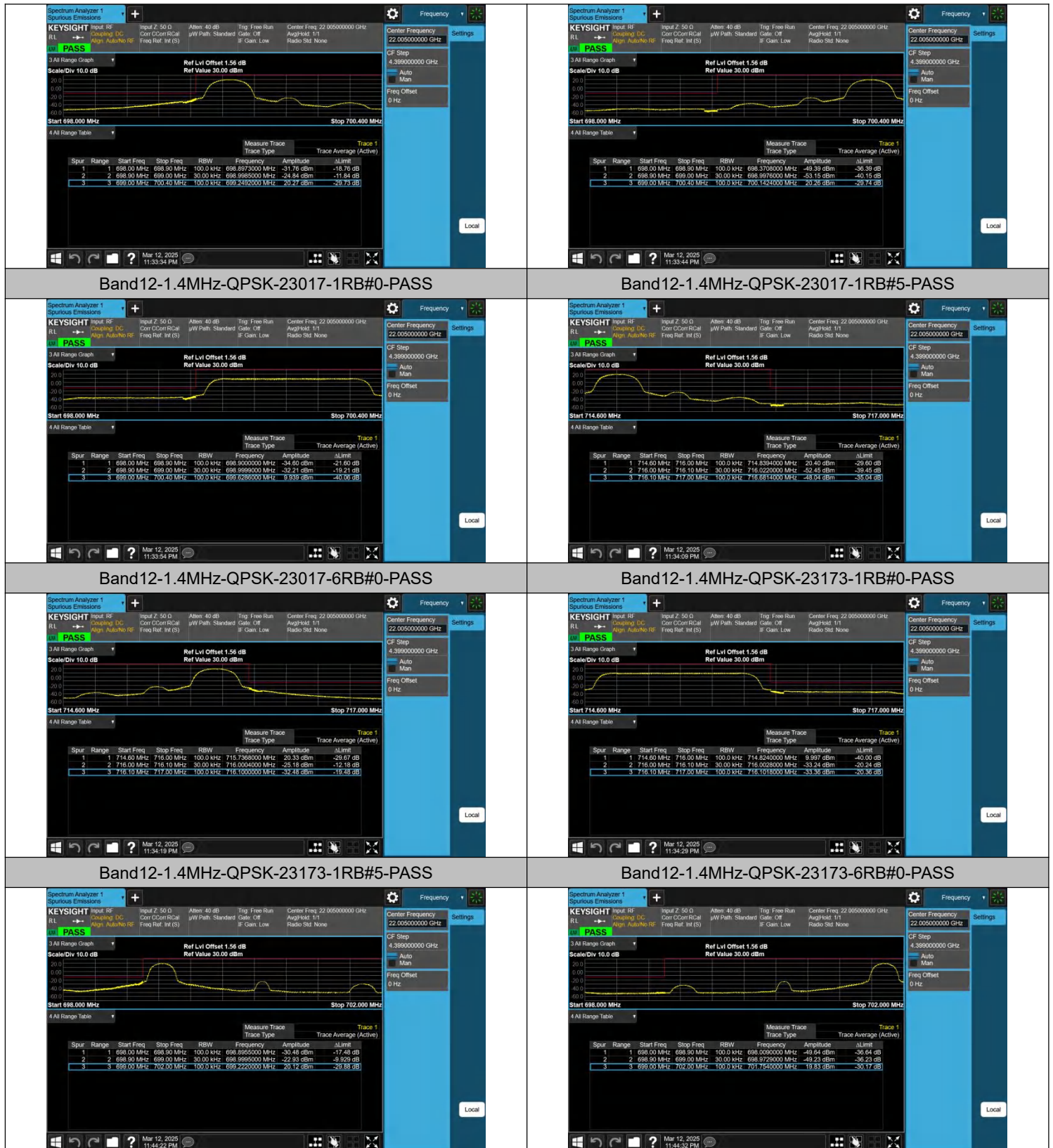
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23095	6RB#0	1.0916	1.282	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0953	1.280	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6982	2.961	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.7028	2.972	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5023	5.124	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5002	5.248	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9930	10.20	PASS
Band12	10MHz	16QAM	23095	27RB#0	5.0378	6.274	PASS

Test Graphs

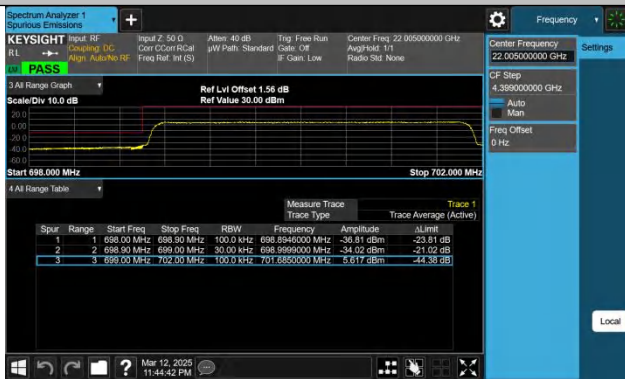


Band Edge

Test Graphs



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



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



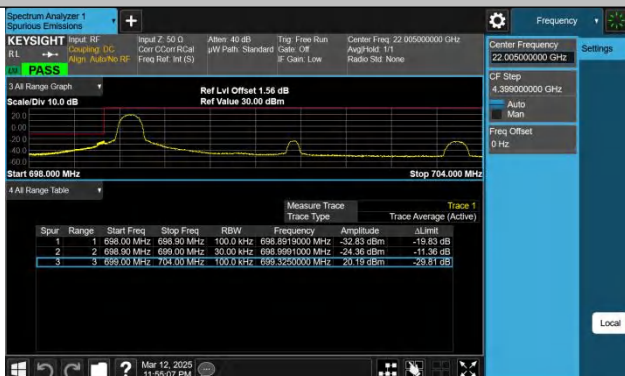
Band12-3MHz-QPSK-23025-15RB#0-PASS



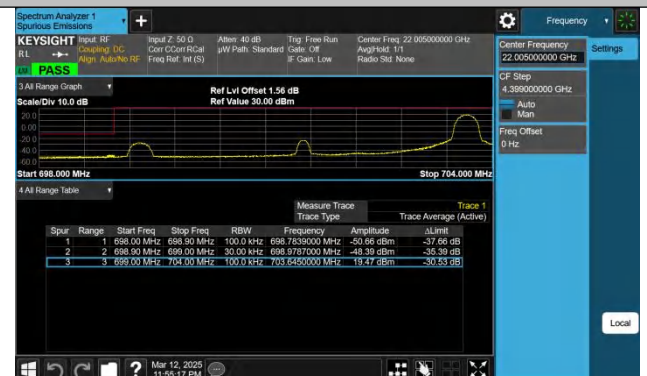
Band12-3MHz-QPSK-23165-1RB#0-PASS



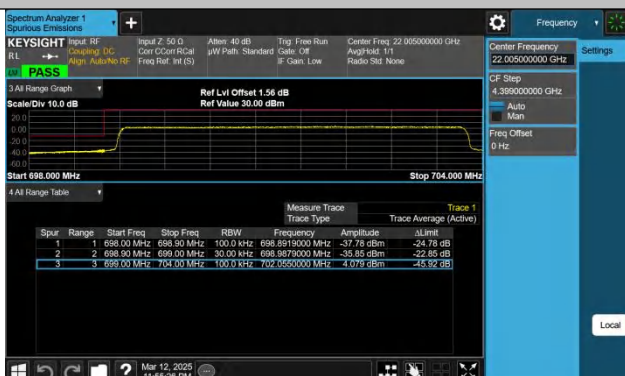
Band12-3MHz-QPSK-23165-1RB#14-PASS



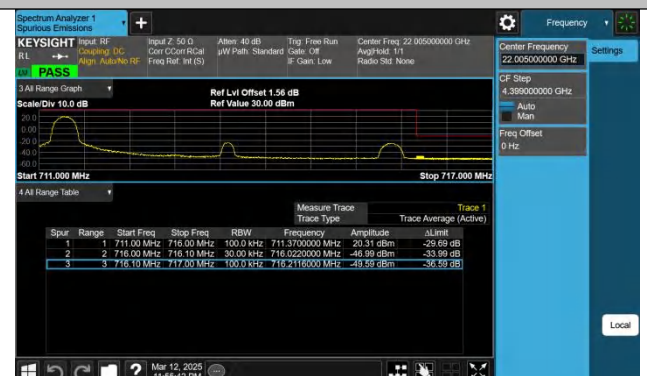
Band12-3MHz-QPSK-23165-15RB#0-PASS



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



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

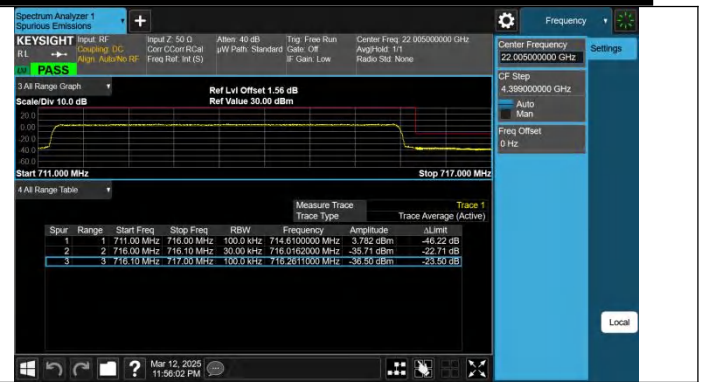


Band12-5MHz-QPSK-23035-25RB#0-PASS

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



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



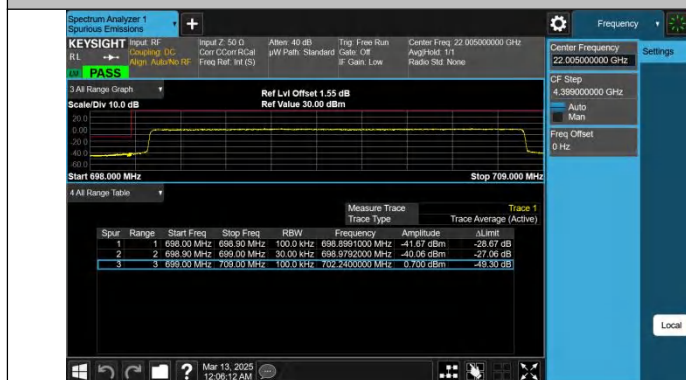
Band12-5MHz-QPSK-23155-25RB#0-PASS



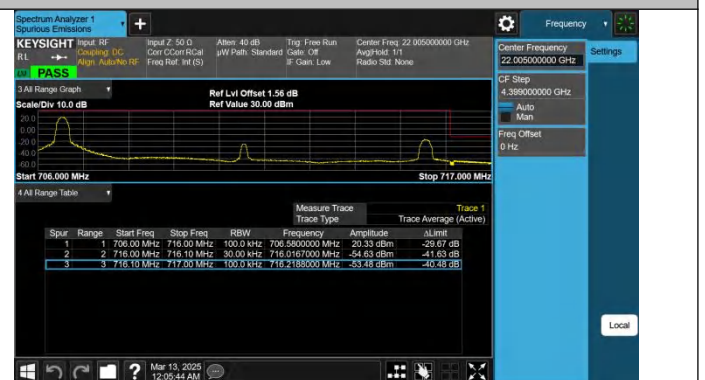
Band12-10MHz-QPSK-23060-1RB#0-PASS



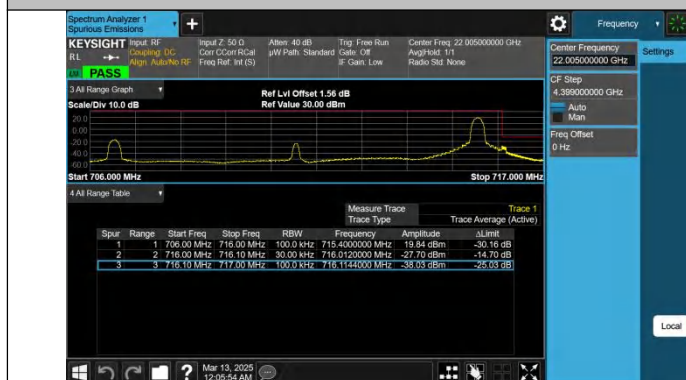
Band12-10MHz-QPSK-23060-1RB#49-PASS



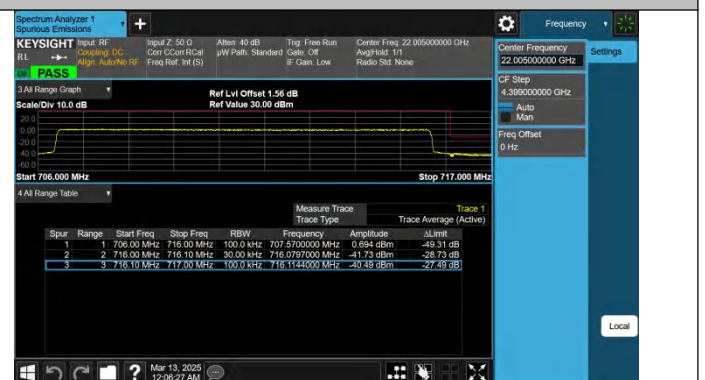
Band12-10MHz-QPSK-23060-50RB#0-PASS



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



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



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

Conducted Spurious Emission

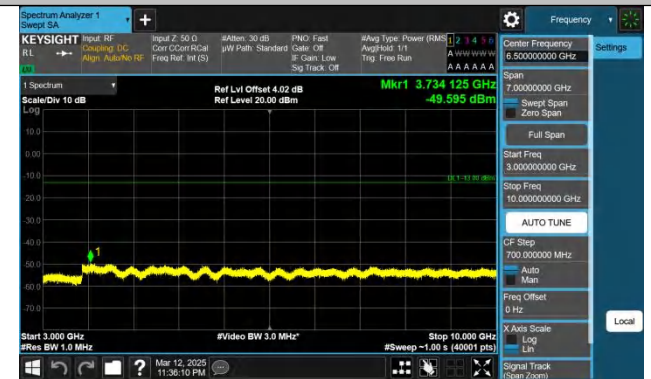
Test Graphs



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



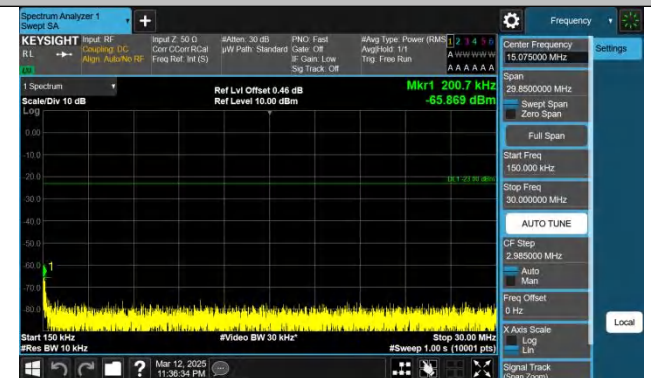
Band12-1.4MHz-QPSK-23017-1RB#5-30~1000-PASS



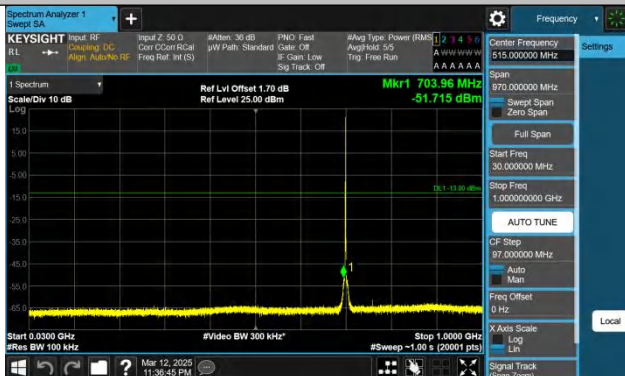
Band12-1.4MHz-QPSK-23017-1RB#5-1000~3000-PASS



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



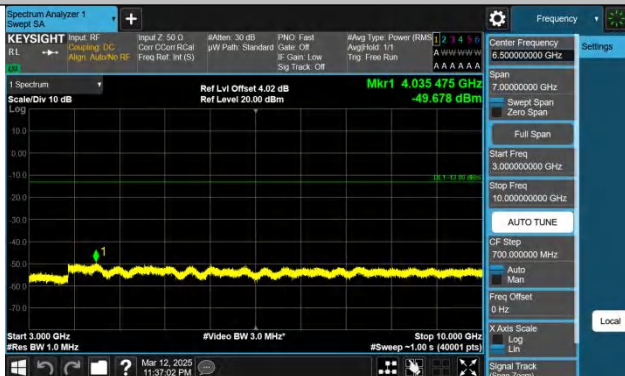
Band12-1.4MHz-QPSK-23095-1RB#0-0.009~0.15-PASS



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



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

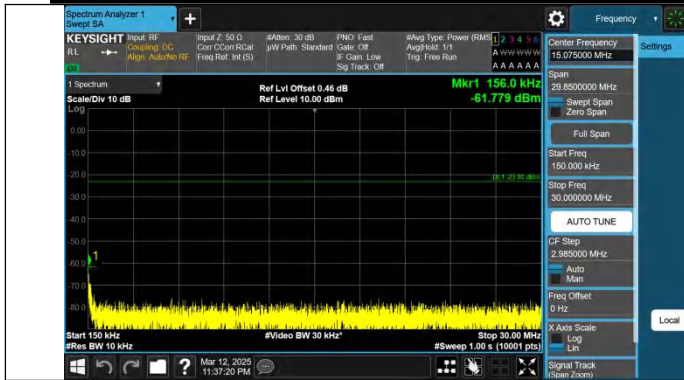


Band12-1.4MHz-QPSK-23095-1RB#0-1000~3000-PASS

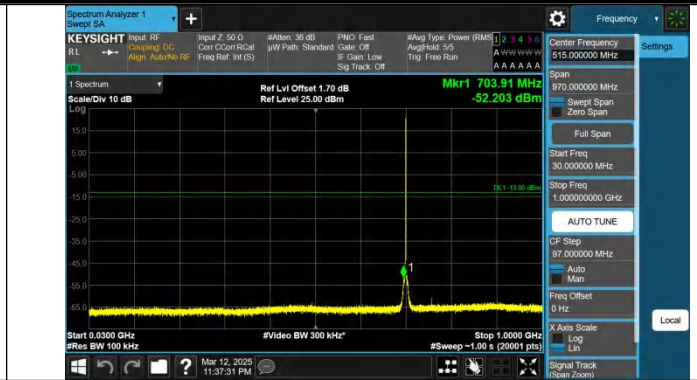


Band12-1.4MHz-QPSK-23095-1RB#0-3000~10000-PASS

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



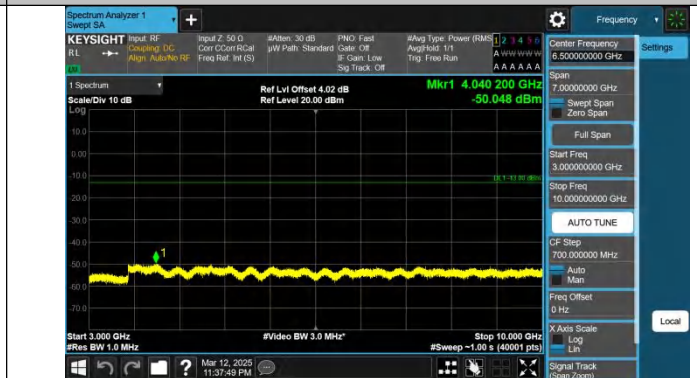
Band12-1.4MHz-QPSK-23095-1RB#5-0.15~30-PASS



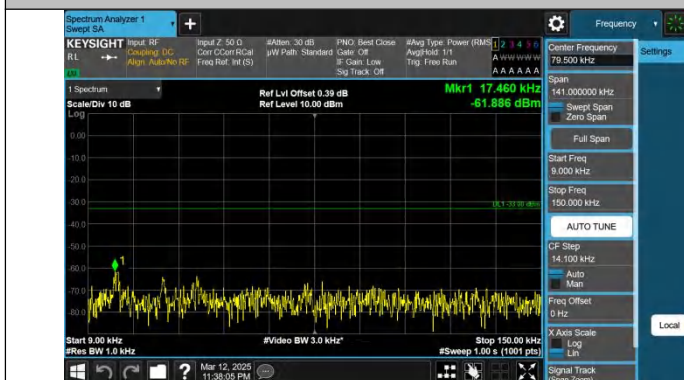
Band12-1.4MHz-QPSK-23095-1RB#5-30~1000-PASS



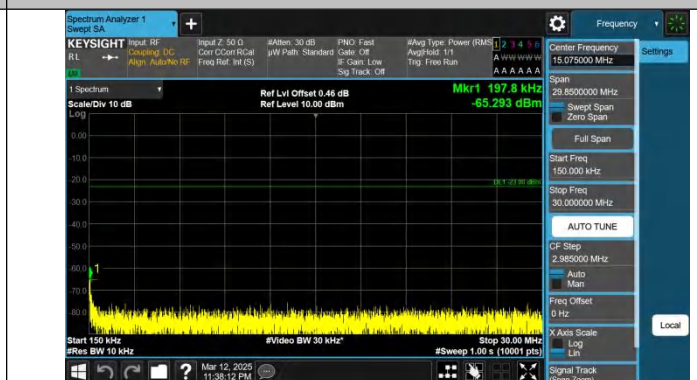
Band12-1.4MHz-QPSK-23095-1RB#5-1000~3000-PASS



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



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



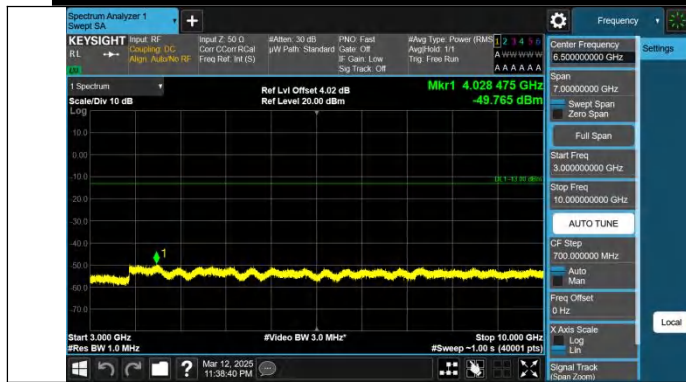
Band12-1.4MHz-QPSK-23173-1RB#0-0.15~30-PASS



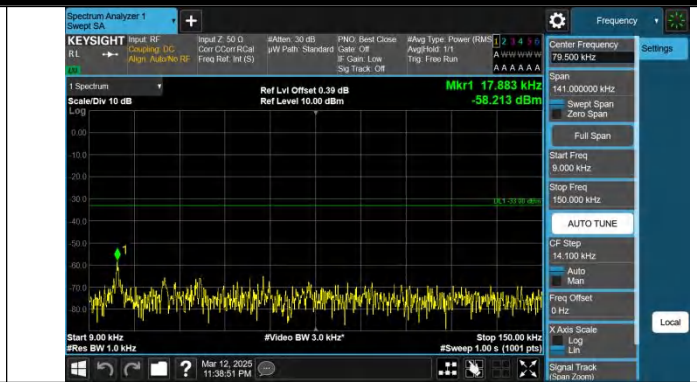
Band12-1.4MHz-QPSK-23173-1RB#0-30~1000-PASS



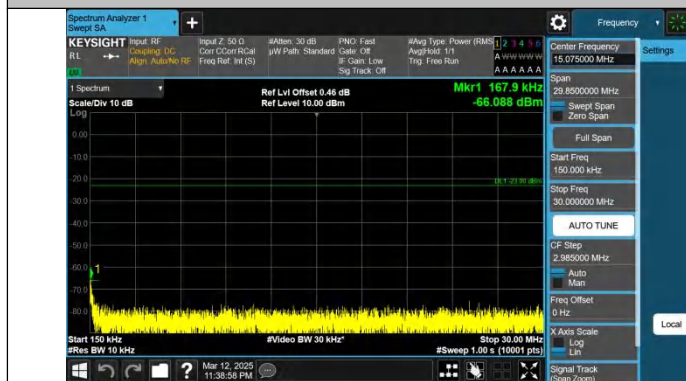
Band12-1.4MHz-QPSK-23173-1RB#0-1000~3000-PASS



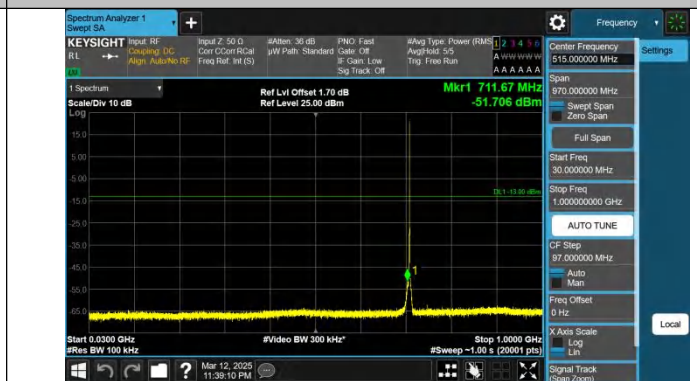
Band12-1.4MHz-QPSK-23173-1RB#0-3000~10000-PASS



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



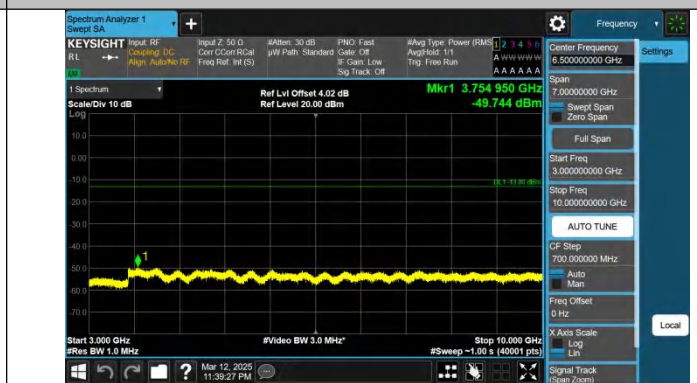
Band12-1.4MHz-QPSK-23173-1RB#5-0.15~30-PASS



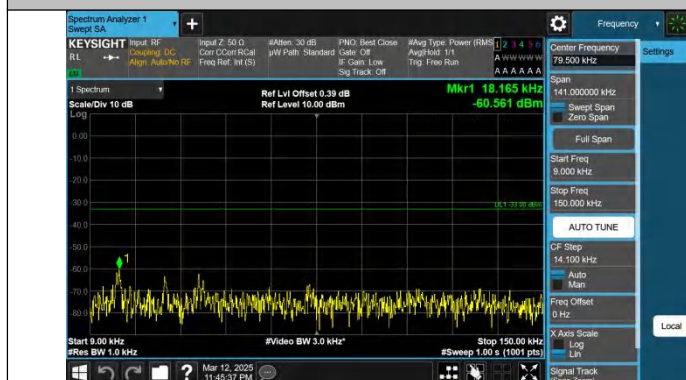
Band12-1.4MHz-QPSK-23173-1RB#5-30~1000-PASS



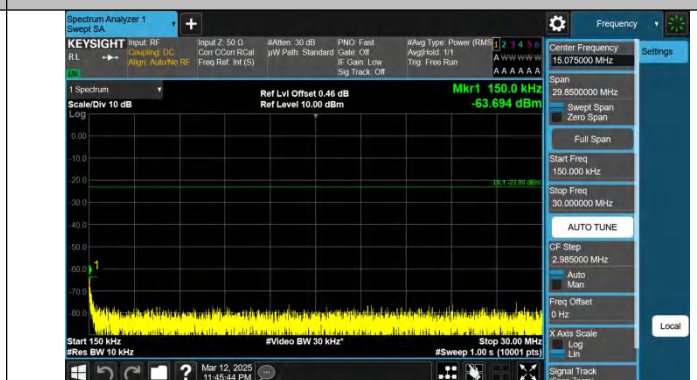
Band12-1.4MHz-QPSK-23173-1RB#5-1000~3000-PASS



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

