

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	22.98	3.26	24.09	34.8	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.17	3.26	23.28	34.8	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.02	3.26	24.13	34.8	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.01	3.26	24.12	34.8	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.54	3.26	24.65	34.8	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.5	3.26	23.61	34.8	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.52	3.26	24.63	34.8	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.3	3.26	24.41	34.8	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.36	3.26	24.47	34.8	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.36	3.26	23.47	34.8	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.22	3.26	24.33	34.8	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.04	3.26	24.15	34.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	21.95	3.26	23.06	34.8	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.25	3.26	22.36	34.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.11	3.26	23.22	34.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	21.97	3.26	23.08	34.8	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.39	3.26	23.5	34.8	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.52	3.26	22.63	34.8	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.92	3.26	24.03	34.8	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.39	3.26	23.5	34.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.38	3.26	23.49	34.8	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.15	3.26	22.26	34.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.36	3.26	23.47	34.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.13	3.26	23.24	34.8	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.09	3.26	24.2	34.8	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.35	3.26	23.46	34.8	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.14	3.26	24.25	34.8	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.27	3.26	24.38	34.8	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.49	3.26	24.6	34.8	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.45	3.26	23.56	34.8	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.38	3.26	24.49	34.8	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.44	3.26	24.55	34.8	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.46	3.26	24.57	34.8	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.51	3.26	23.62	34.8	PASS

Band12	3MHz	QPSK	23165	1RB#8	23.6	3.26	24.71	34.8	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.14	3.26	24.25	34.8	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.12	3.26	23.23	34.8	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.29	3.26	22.4	34.8	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.26	3.26	23.37	34.8	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.3	3.26	23.41	34.8	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.55	3.26	23.66	34.8	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.38	3.26	22.49	34.8	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.55	3.26	23.66	34.8	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.29	3.26	23.4	34.8	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.6	3.26	23.71	34.8	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.27	3.26	22.38	34.8	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.78	3.26	23.89	34.8	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.36	3.26	23.47	34.8	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.1	3.26	24.21	34.8	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.28	3.26	23.39	34.8	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.31	3.26	24.42	34.8	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.42	3.26	24.53	34.8	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.49	3.26	24.6	34.8	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.53	3.26	23.64	34.8	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.4	3.26	24.51	34.8	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.25	3.26	24.36	34.8	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.44	3.26	24.55	34.8	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.39	3.26	23.5	34.8	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.51	3.26	24.62	34.8	PASS
Band12	5MHz	QPSK	23155	1RB#24	22.95	3.26	24.06	34.8	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.97	3.26	23.08	34.8	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.31	3.26	22.42	34.8	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.22	3.26	23.33	34.8	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.38	3.26	23.49	34.8	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.56	3.26	23.67	34.8	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.32	3.26	22.43	34.8	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.39	3.26	23.5	34.8	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.22	3.26	23.33	34.8	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.42	3.26	23.53	34.8	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.56	3.26	22.67	34.8	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.54	3.26	23.65	34.8	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.09	3.26	23.2	34.8	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.83	3.26	23.94	34.8	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.41	3.26	23.52	34.8	PASS

Band12	10MHz	QPSK	23060	1RB#24	23.35	3.26	24.46	34.8	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.96	3.26	24.07	34.8	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.23	3.26	24.34	34.8	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.43	3.26	23.54	34.8	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.58	3.26	24.69	34.8	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.2	3.26	24.31	34.8	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.5	3.26	24.61	34.8	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.5	3.26	23.61	34.8	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.78	3.26	24.89	34.8	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.11	3.26	24.22	34.8	PASS
Band12	10MHz	16QAM	23060	1RB#0	21.96	3.26	23.07	34.8	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.3	3.26	22.41	34.8	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.67	3.26	23.78	34.8	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.41	3.26	23.52	34.8	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.24	3.26	23.35	34.8	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.26	3.26	22.37	34.8	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.77	3.26	23.88	34.8	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.07	3.26	23.18	34.8	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.96	3.26	24.07	34.8	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.44	3.26	22.55	34.8	PASS
Band12	10MHz	16QAM	23130	1RB#24	23.4	3.26	24.51	34.8	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.33	3.26	23.44	34.8	PASS

Peak-to-Average Ratio(CCDF)

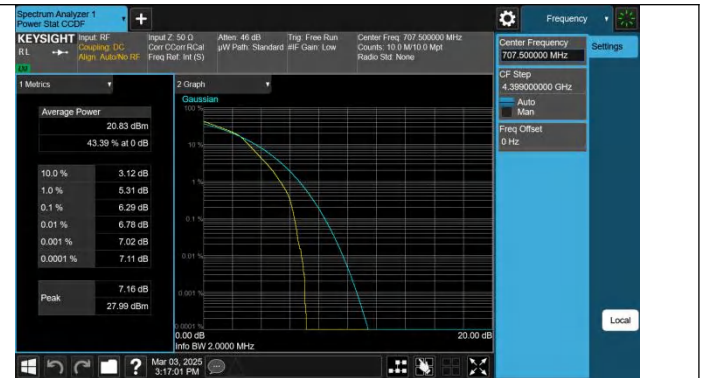
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23095	6RB#0	5.36	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.29	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.35	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.17	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.28	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.14	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.25	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.09	13	PASS

Test Graphs



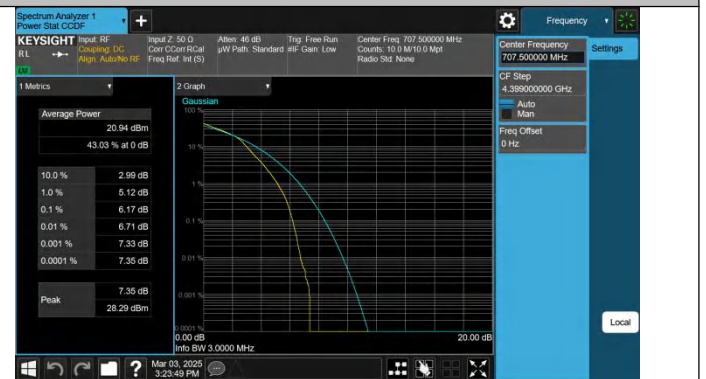
Band12-1.4MHz-QPSK-23095-6RB#0-PASS



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



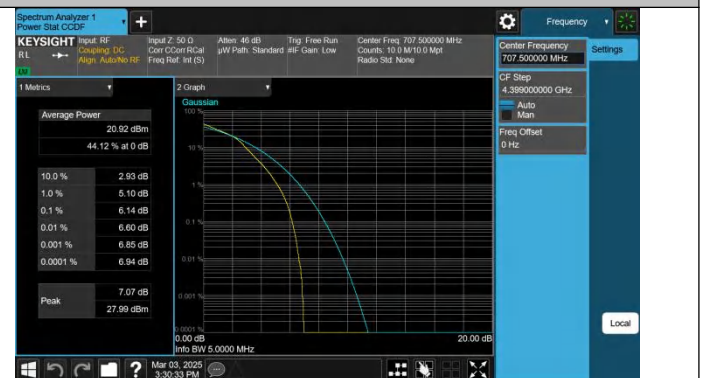
Band12-3MHz-QPSK-23095-15RB#0-PASS



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



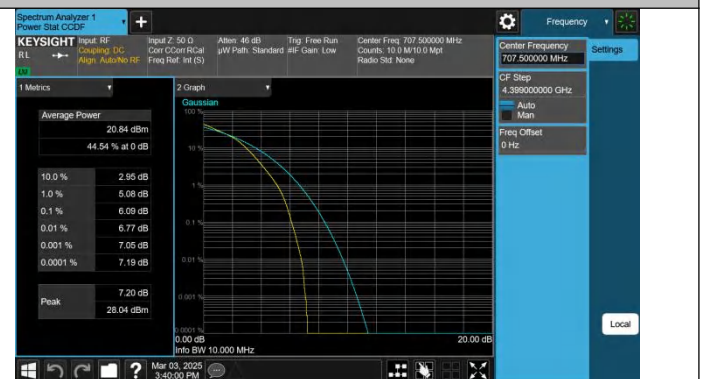
Band12-5MHz-QPSK-23095-25RB#0-PASS



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



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



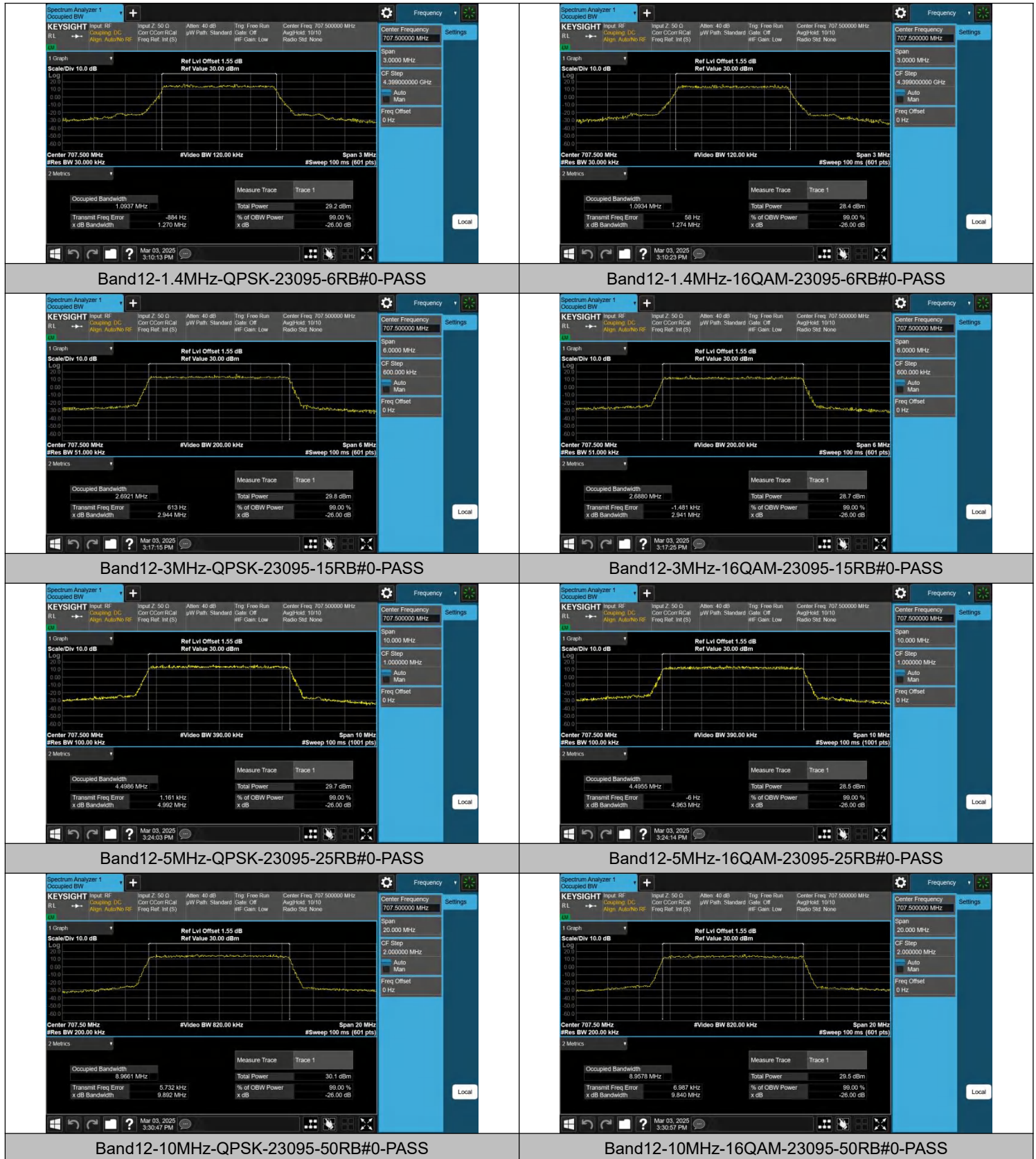
Band12-10MHz-16QAM-23095-50RB#0-PASS

26dB Bandwidth and Occupied Bandwidth

Test Result

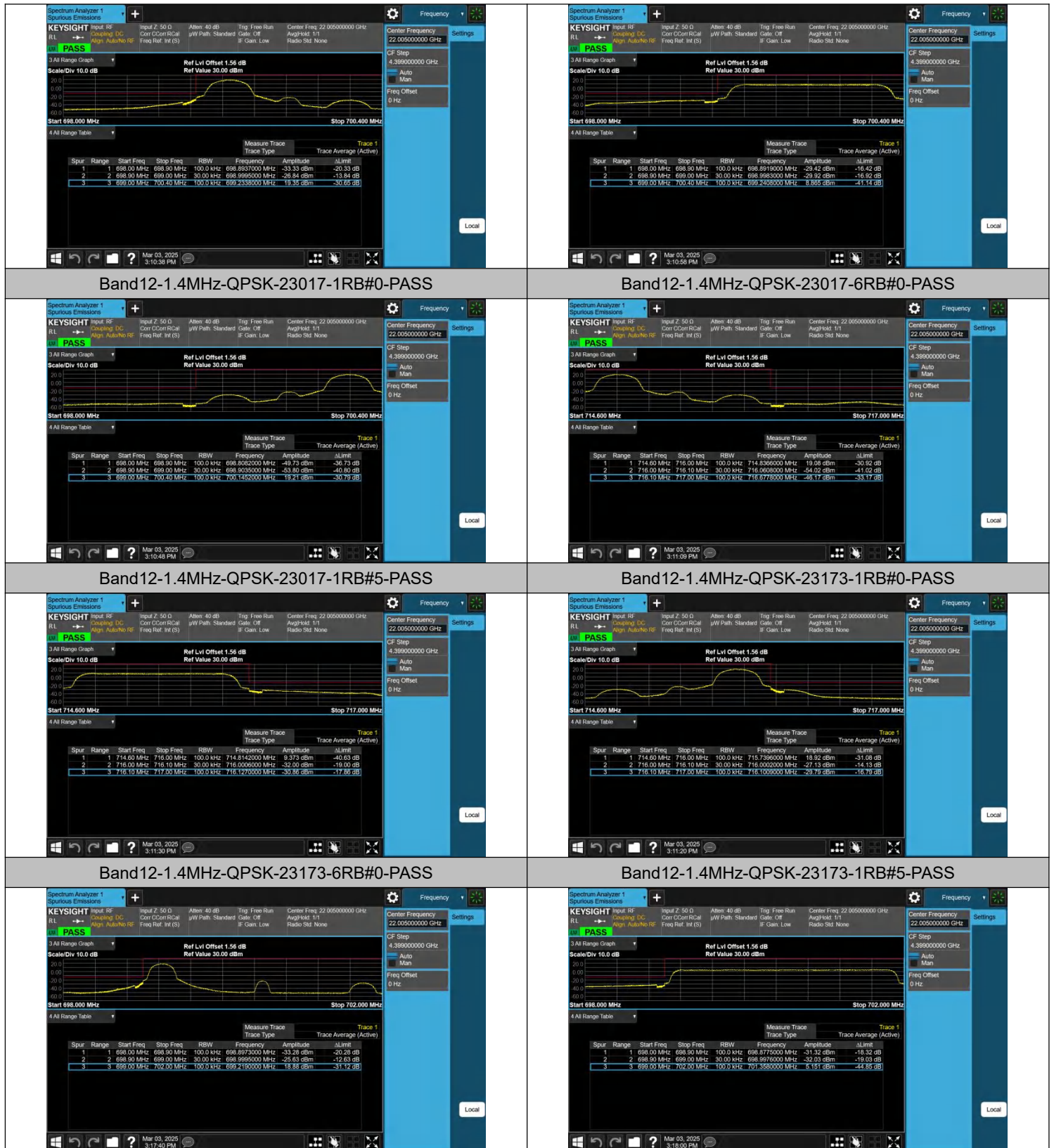
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23095	6RB#0	1.0937	1.270	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0934	1.274	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6921	2.944	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6880	2.941	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4986	4.992	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4955	4.963	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9661	9.892	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9578	9.840	PASS

Test Graphs

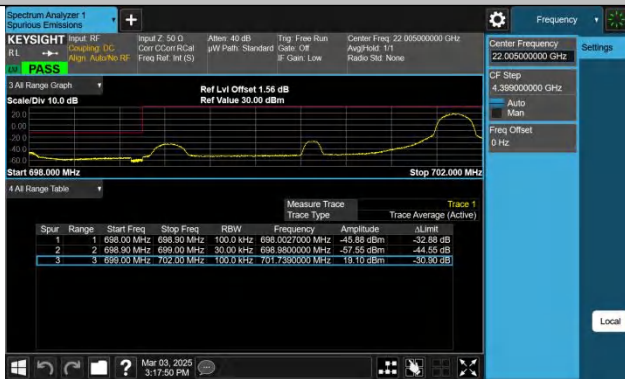


Band Edge

Test Graphs



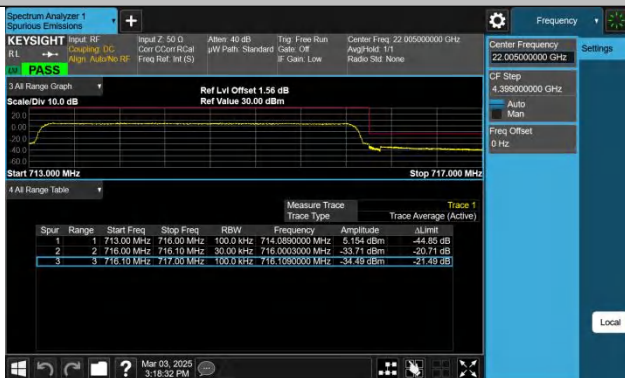
Band12-3MHz-QPSK-23025-1RB#0-PASS



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



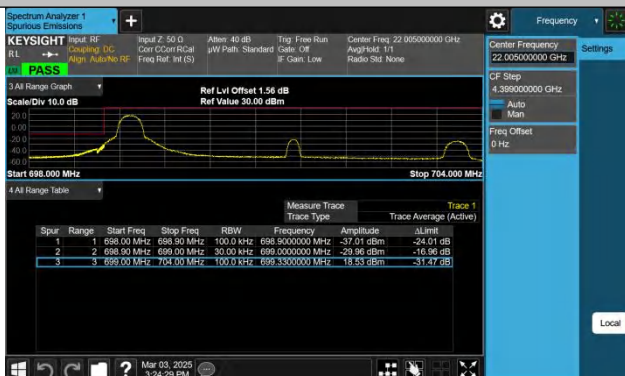
Band12-3MHz-QPSK-23025-1RB#14-PASS



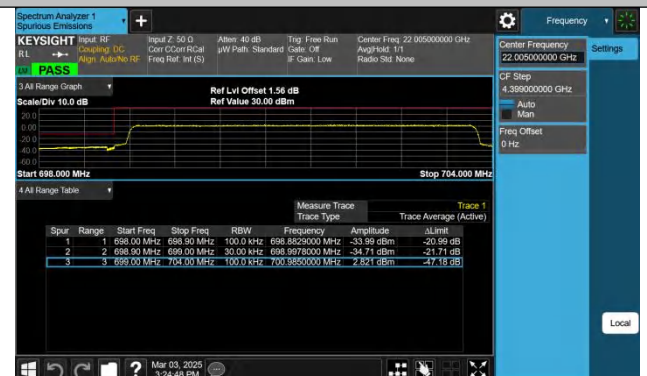
Band12-3MHz-QPSK-23165-1RB#0-PASS



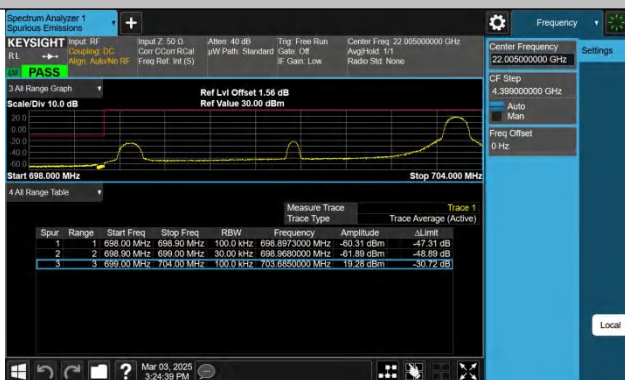
Band12-3MHz-QPSK-23165-15RB#0-PASS



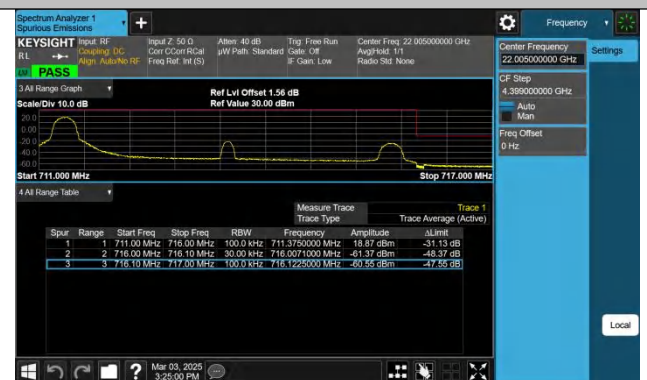
Band12-3MHz-QPSK-23165-1RB#14-PASS



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

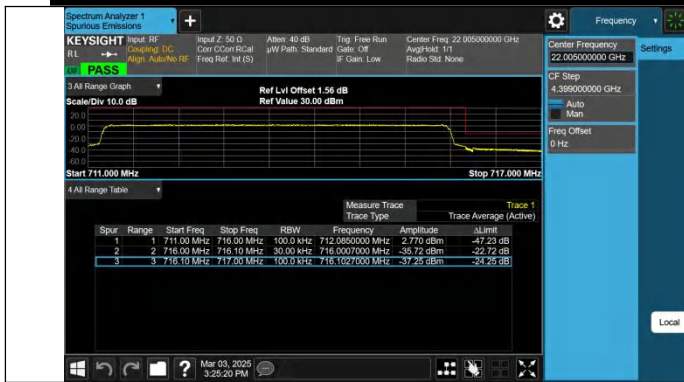


Band12-5MHz-QPSK-23035-25RB#0-PASS



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



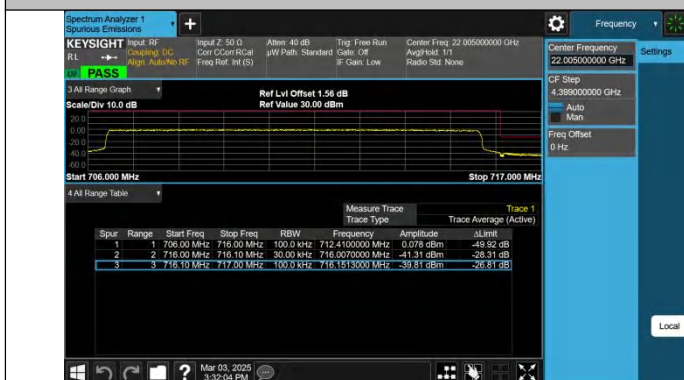
Band12-10MHz-QPSK-23060-1RB#0-PASS

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



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

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

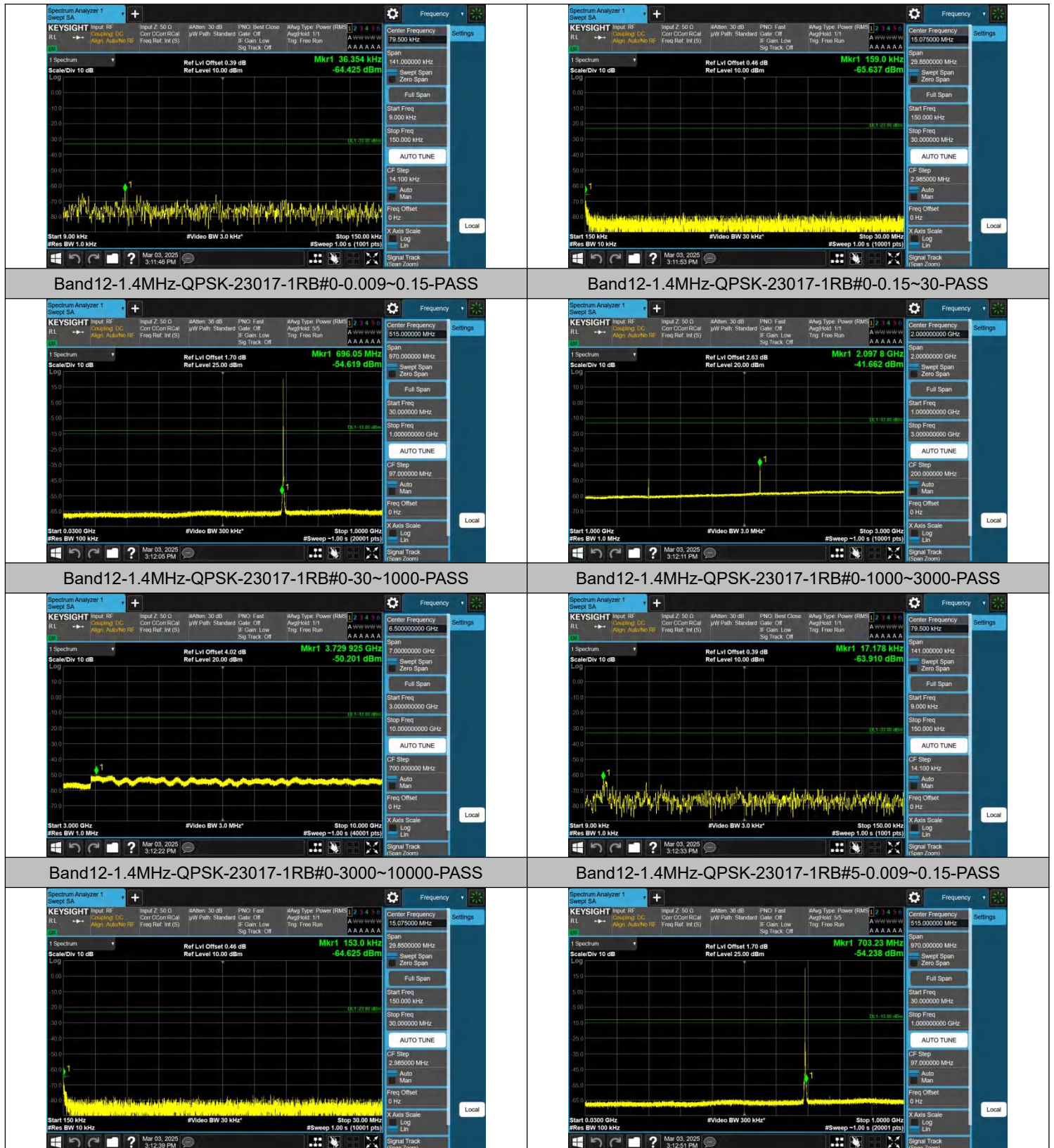


Band12-10MHz-QPSK-23130-50RB#0-PASS

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

Conducted Spurious Emission

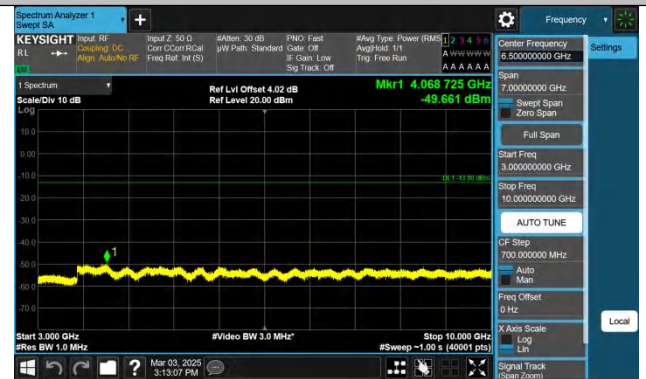
Test Graphs



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



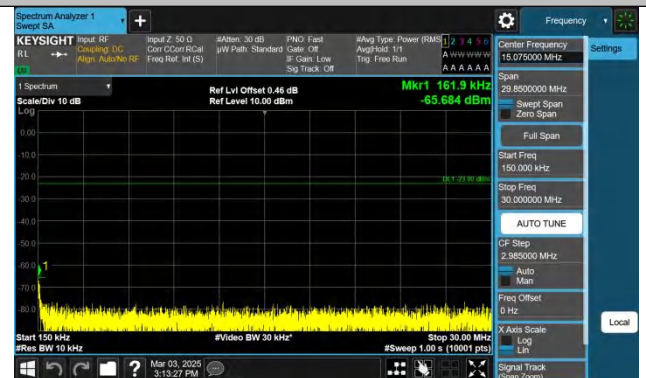
Band12-1.4MHz-QPSK-23017-1RB#5-30~1000-PASS



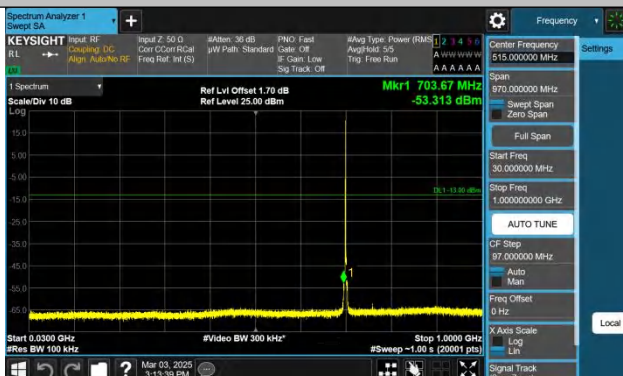
Band12-1.4MHz-QPSK-23017-1RB#5-1000~3000-PASS



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



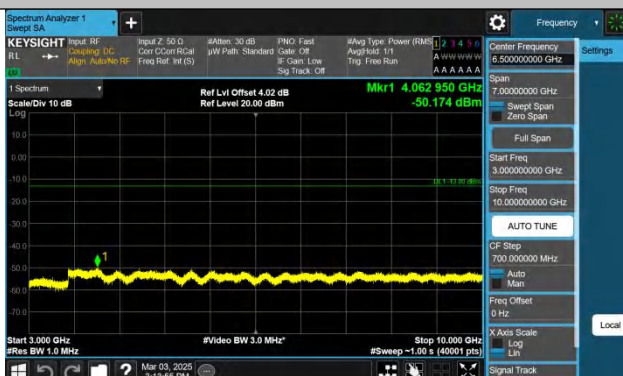
Band12-1.4MHz-QPSK-23095-1RB#0-0.009~0.15-PASS



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

