

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	22.39	3.95	24.19	34.8	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	22.43	3.95	24.23	34.8	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	22.46	3.95	24.26	34.8	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	21.39	3.95	23.19	34.8	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	22.37	3.95	24.17	34.8	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	22.49	3.95	24.29	34.8	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	22.4	3.95	24.2	34.8	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	21.42	3.95	23.22	34.8	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.25	3.95	24.05	34.8	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.3	3.95	24.1	34.8	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.28	3.95	24.08	34.8	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	21.27	3.95	23.07	34.8	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	20.48	3.95	22.28	34.8	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	20.71	3.95	22.51	34.8	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	20.51	3.95	22.31	34.8	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	19.35	3.95	21.15	34.8	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	20.7	3.95	22.5	34.8	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	20.6	3.95	22.4	34.8	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	20.66	3.95	22.46	34.8	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	19.24	3.95	21.04	34.8	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	20.02	3.95	21.82	34.8	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	20.35	3.95	22.15	34.8	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	20.02	3.95	21.82	34.8	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	19.11	3.95	20.91	34.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	21.2	3.95	23	34.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	21.43	3.95	23.23	34.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	21.16	3.95	22.96	34.8	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	20.39	3.95	22.19	34.8	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	21.39	3.95	23.19	34.8	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	21.49	3.95	23.29	34.8	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	21.31	3.95	23.11	34.8	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	20.48	3.95	22.28	34.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	21.09	3.95	22.89	34.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	21.42	3.95	23.22	34.8	PASS

Band12	1.4MHz	16QAM	23173	1RB#5	21.07	3.95	22.87	34.8	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	20.1	3.95	21.9	34.8	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.38	3.95	24.18	34.8	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.4	3.95	24.2	34.8	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.39	3.95	24.19	34.8	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.47	3.95	23.27	34.8	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.49	3.95	24.29	34.8	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.41	3.95	24.21	34.8	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.51	3.95	24.31	34.8	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.53	3.95	23.33	34.8	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.35	3.95	24.15	34.8	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.27	3.95	24.07	34.8	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.27	3.95	24.07	34.8	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.39	3.95	23.19	34.8	PASS
Band12	3MHz	64QAM	23025	1RB#0	20.27	3.95	22.07	34.8	PASS
Band12	3MHz	64QAM	23025	1RB#8	20.05	3.95	21.85	34.8	PASS
Band12	3MHz	64QAM	23025	1RB#14	20.22	3.95	22.02	34.8	PASS
Band12	3MHz	64QAM	23025	15RB#0	19.58	3.95	21.38	34.8	PASS
Band12	3MHz	64QAM	23095	1RB#0	20.24	3.95	22.04	34.8	PASS
Band12	3MHz	64QAM	23095	1RB#8	20.55	3.95	22.35	34.8	PASS
Band12	3MHz	64QAM	23095	1RB#14	20.19	3.95	21.99	34.8	PASS
Band12	3MHz	64QAM	23095	15RB#0	19.55	3.95	21.35	34.8	PASS
Band12	3MHz	64QAM	23165	1RB#0	20.43	3.95	22.23	34.8	PASS
Band12	3MHz	64QAM	23165	1RB#8	20.57	3.95	22.37	34.8	PASS
Band12	3MHz	64QAM	23165	1RB#14	20.39	3.95	22.19	34.8	PASS
Band12	3MHz	64QAM	23165	15RB#0	19.35	3.95	21.15	34.8	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.42	3.95	23.22	34.8	PASS
Band12	3MHz	16QAM	23025	1RB#8	21.36	3.95	23.16	34.8	PASS
Band12	3MHz	16QAM	23025	1RB#14	21.4	3.95	23.2	34.8	PASS
Band12	3MHz	16QAM	23025	15RB#0	20.55	3.95	22.35	34.8	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.37	3.95	23.17	34.8	PASS
Band12	3MHz	16QAM	23095	1RB#8	21.54	3.95	23.34	34.8	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.33	3.95	23.13	34.8	PASS
Band12	3MHz	16QAM	23095	15RB#0	20.45	3.95	22.25	34.8	PASS
Band12	3MHz	16QAM	23165	1RB#0	21.08	3.95	22.88	34.8	PASS
Band12	3MHz	16QAM	23165	1RB#8	21.3	3.95	23.1	34.8	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.08	3.95	22.88	34.8	PASS
Band12	3MHz	16QAM	23165	15RB#0	20.31	3.95	22.11	34.8	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.46	3.95	24.26	34.8	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.39	3.95	24.19	34.8	PASS

Band12	5MHz	QPSK	23035	1RB#24	22.53	3.95	24.33	34.8	PASS
Band12	5MHz	QPSK	23035	25RB#0	21.56	3.95	23.36	34.8	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.47	3.95	24.27	34.8	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.4	3.95	24.2	34.8	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.42	3.95	24.22	34.8	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.49	3.95	23.29	34.8	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.41	3.95	24.21	34.8	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.24	3.95	24.04	34.8	PASS
Band12	5MHz	QPSK	23155	1RB#24	22.26	3.95	24.06	34.8	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.39	3.95	23.19	34.8	PASS
Band12	5MHz	64QAM	23035	1RB#0	20.24	3.95	22.04	34.8	PASS
Band12	5MHz	64QAM	23035	1RB#12	20.12	3.95	21.92	34.8	PASS
Band12	5MHz	64QAM	23035	1RB#24	20.27	3.95	22.07	34.8	PASS
Band12	5MHz	64QAM	23035	25RB#0	19.62	3.95	21.42	34.8	PASS
Band12	5MHz	64QAM	23095	1RB#0	20.93	3.95	22.73	34.8	PASS
Band12	5MHz	64QAM	23095	1RB#12	20.63	3.95	22.43	34.8	PASS
Band12	5MHz	64QAM	23095	1RB#24	20.87	3.95	22.67	34.8	PASS
Band12	5MHz	64QAM	23095	25RB#0	19.5	3.95	21.3	34.8	PASS
Band12	5MHz	64QAM	23155	1RB#0	20.43	3.95	22.23	34.8	PASS
Band12	5MHz	64QAM	23155	1RB#12	20.72	3.95	22.52	34.8	PASS
Band12	5MHz	64QAM	23155	1RB#24	20.45	3.95	22.25	34.8	PASS
Band12	5MHz	64QAM	23155	25RB#0	19.45	3.95	21.25	34.8	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.36	3.95	23.16	34.8	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.28	3.95	23.08	34.8	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.46	3.95	23.26	34.8	PASS
Band12	5MHz	16QAM	23035	25RB#0	20.59	3.95	22.39	34.8	PASS
Band12	5MHz	16QAM	23095	1RB#0	21.6	3.95	23.4	34.8	PASS
Band12	5MHz	16QAM	23095	1RB#12	21.58	3.95	23.38	34.8	PASS
Band12	5MHz	16QAM	23095	1RB#24	21.53	3.95	23.33	34.8	PASS
Band12	5MHz	16QAM	23095	25RB#0	20.53	3.95	22.33	34.8	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.27	3.95	23.07	34.8	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.29	3.95	23.09	34.8	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.18	3.95	22.98	34.8	PASS
Band12	5MHz	16QAM	23155	25RB#0	20.41	3.95	22.21	34.8	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.4	3.95	24.2	34.8	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.48	3.95	24.28	34.8	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.42	3.95	24.22	34.8	PASS
Band12	10MHz	QPSK	23060	50RB#0	21.58	3.95	23.38	34.8	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.41	3.95	24.21	34.8	PASS
Band12	10MHz	QPSK	23095	1RB#24	22.44	3.95	24.24	34.8	PASS

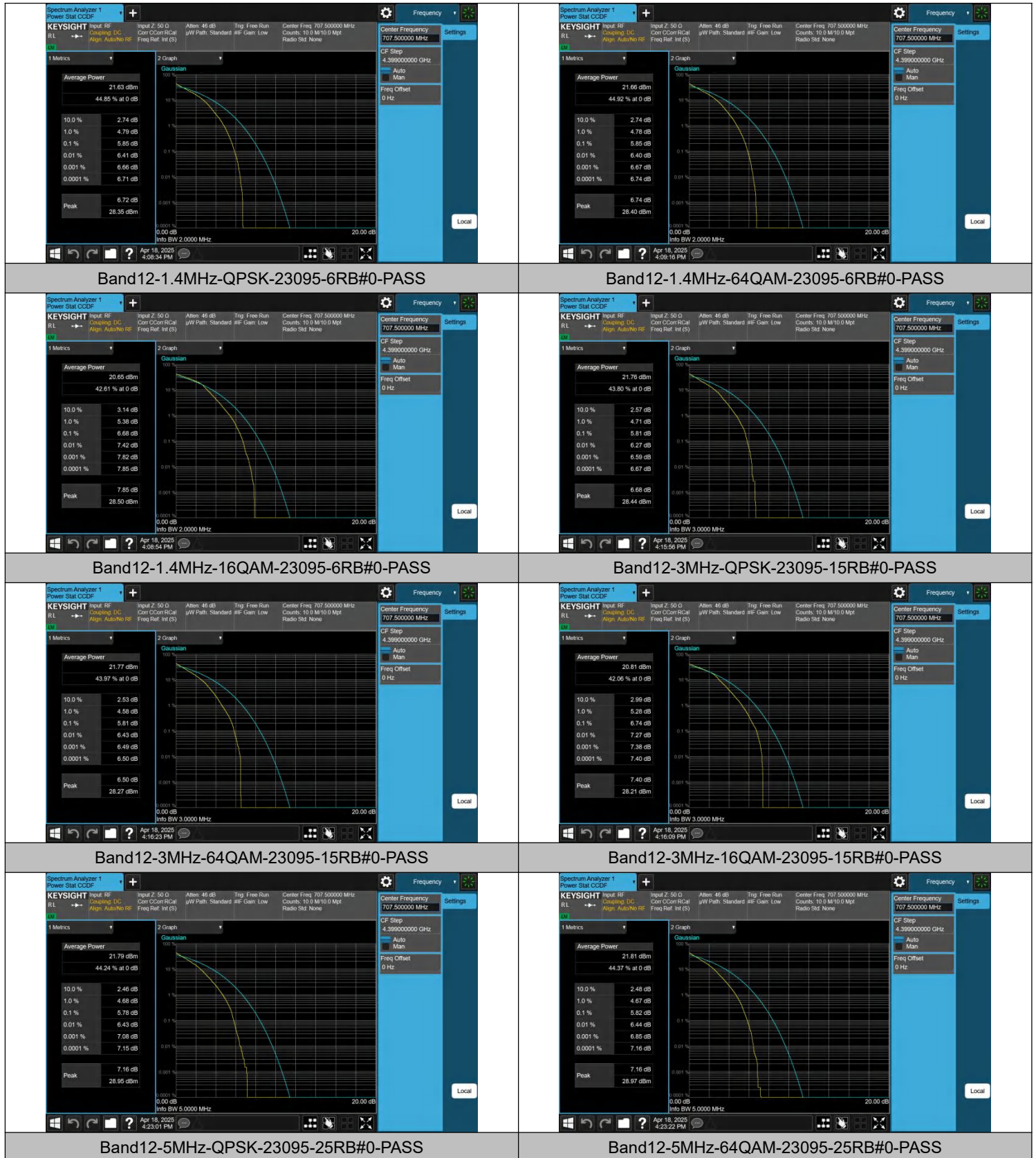
Band12	10MHz	QPSK	23095	1RB#49	22.41	3.95	24.21	34.8	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.55	3.95	23.35	34.8	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.51	3.95	24.31	34.8	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.44	3.95	24.24	34.8	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.38	3.95	24.18	34.8	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.53	3.95	23.33	34.8	PASS
Band12	10MHz	64QAM	23060	1RB#0	20.27	3.95	22.07	34.8	PASS
Band12	10MHz	64QAM	23060	1RB#24	20.07	3.95	21.87	34.8	PASS
Band12	10MHz	64QAM	23060	1RB#49	20.33	3.95	22.13	34.8	PASS
Band12	10MHz	64QAM	23060	50RB#0	19.6	3.95	21.4	34.8	PASS
Band12	10MHz	64QAM	23095	1RB#0	20.19	3.95	21.99	34.8	PASS
Band12	10MHz	64QAM	23095	1RB#24	20.57	3.95	22.37	34.8	PASS
Band12	10MHz	64QAM	23095	1RB#49	20.21	3.95	22.01	34.8	PASS
Band12	10MHz	64QAM	23095	50RB#0	19.6	3.95	21.4	34.8	PASS
Band12	10MHz	64QAM	23130	1RB#0	20.6	3.95	22.4	34.8	PASS
Band12	10MHz	64QAM	23130	1RB#24	20.76	3.95	22.56	34.8	PASS
Band12	10MHz	64QAM	23130	1RB#49	20.52	3.95	22.32	34.8	PASS
Band12	10MHz	64QAM	23130	50RB#0	19.57	3.95	21.37	34.8	PASS
Band12	10MHz	16QAM	23060	1RB#0	21.43	3.95	23.23	34.8	PASS
Band12	10MHz	16QAM	23060	1RB#24	21.44	3.95	23.24	34.8	PASS
Band12	10MHz	16QAM	23060	1RB#49	21.46	3.95	23.26	34.8	PASS
Band12	10MHz	16QAM	23060	50RB#0	20.56	3.95	22.36	34.8	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.31	3.95	23.11	34.8	PASS
Band12	10MHz	16QAM	23095	1RB#24	21.57	3.95	23.37	34.8	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.3	3.95	23.1	34.8	PASS
Band12	10MHz	16QAM	23095	50RB#0	20.56	3.95	22.36	34.8	PASS
Band12	10MHz	16QAM	23130	1RB#0	21.29	3.95	23.09	34.8	PASS
Band12	10MHz	16QAM	23130	1RB#24	21.43	3.95	23.23	34.8	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.18	3.95	22.98	34.8	PASS
Band12	10MHz	16QAM	23130	50RB#0	20.53	3.95	22.33	34.8	PASS

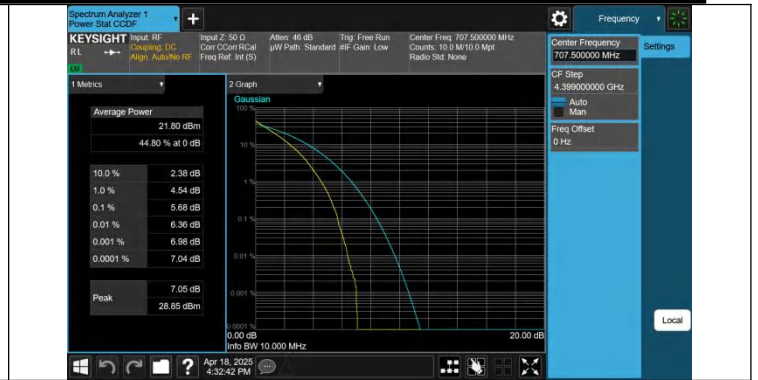
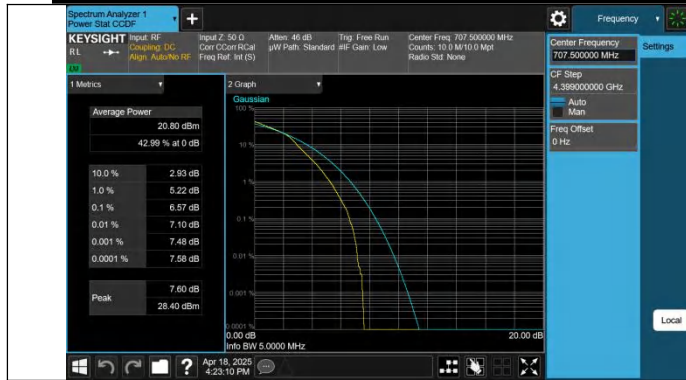
Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23095	6RB#0	5.85	13	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	5.85	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.68	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.81	13	PASS
Band12	3MHz	64QAM	23095	15RB#0	5.81	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.74	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.78	13	PASS
Band12	5MHz	64QAM	23095	25RB#0	5.82	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.57	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.68	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	5.67	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.50	13	PASS

Test Graphs



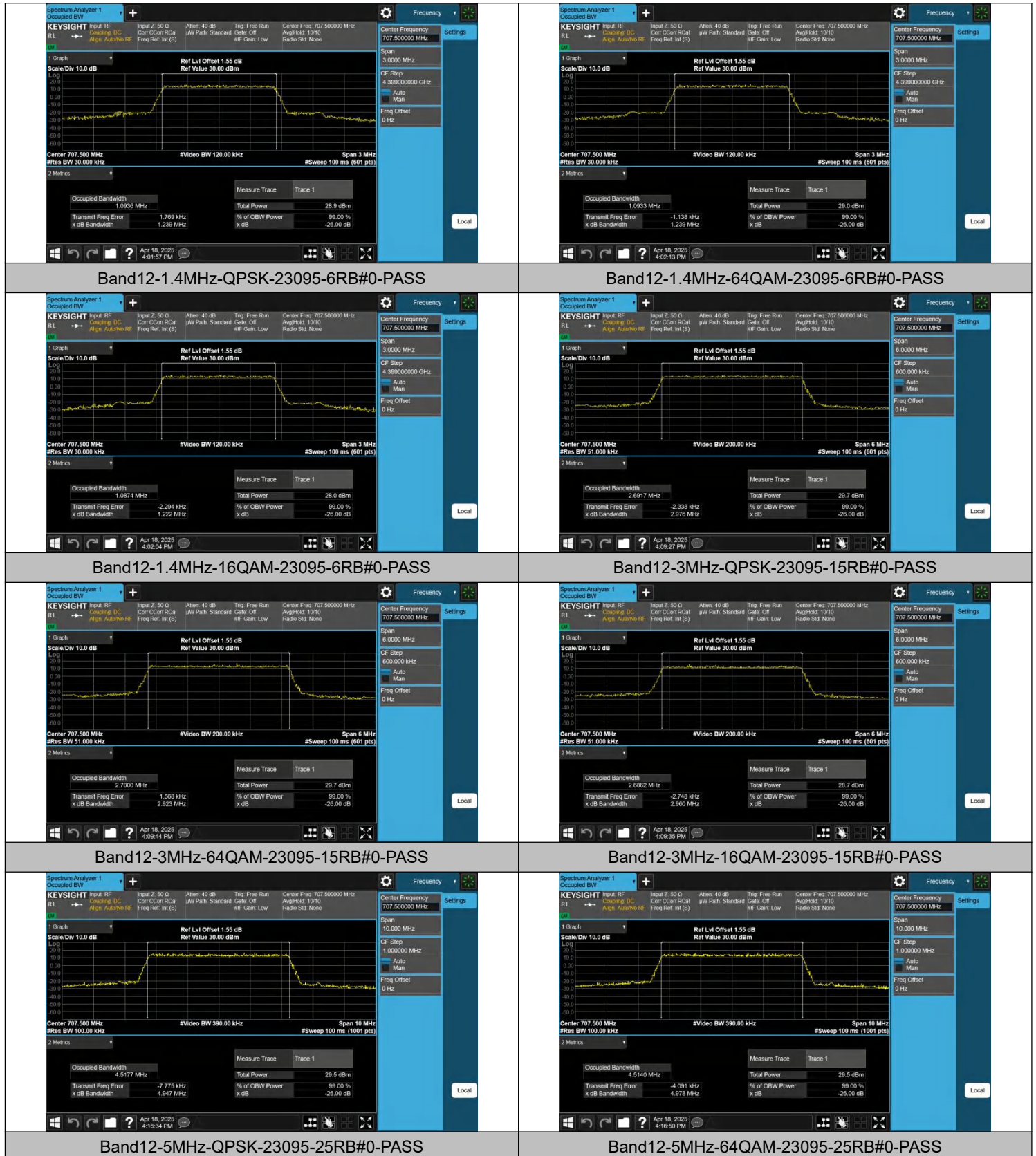


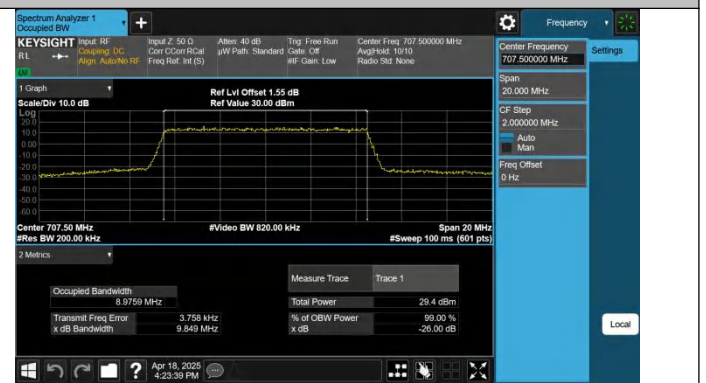
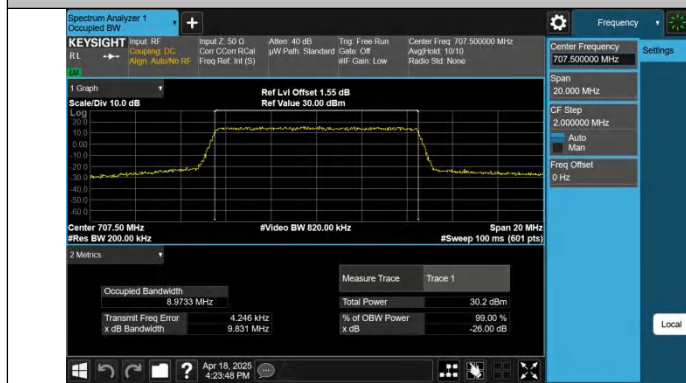
26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23095	6RB#0	1.0936	1.239	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.0933	1.239	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0874	1.222	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6917	2.976	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.7000	2.923	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6862	2.960	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5177	4.947	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.5140	4.978	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5027	4.917	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9848	9.875	PASS
Band12	10MHz	64QAM	23095	50RB#0	8.9733	9.831	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9759	9.849	PASS

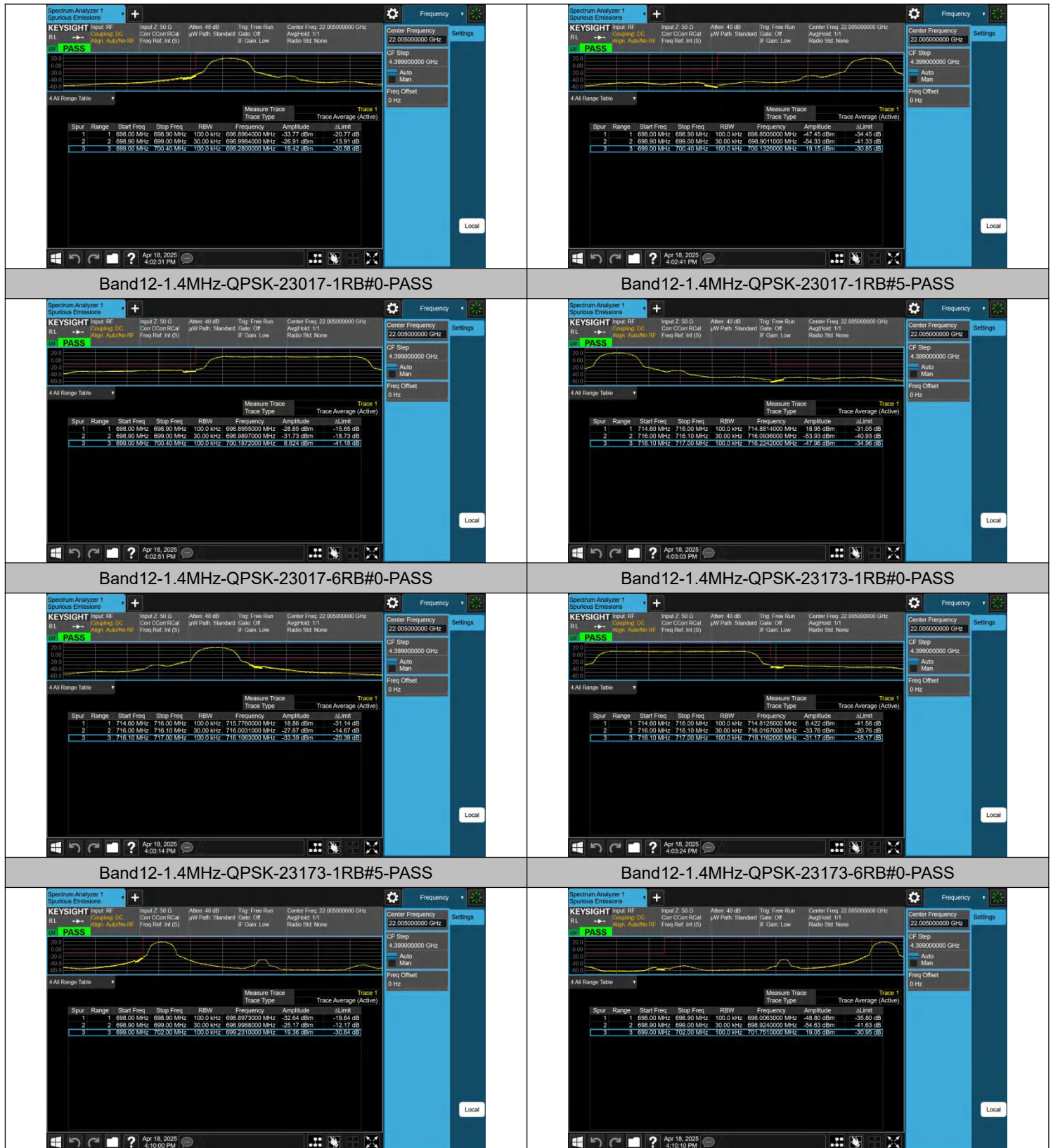
Test Graphs



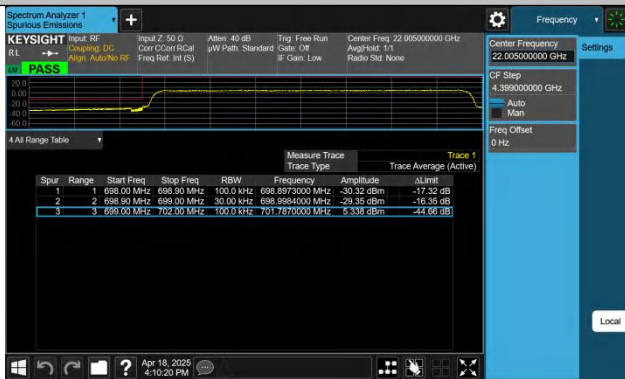


Band Edge

TestSIGHT Graphs



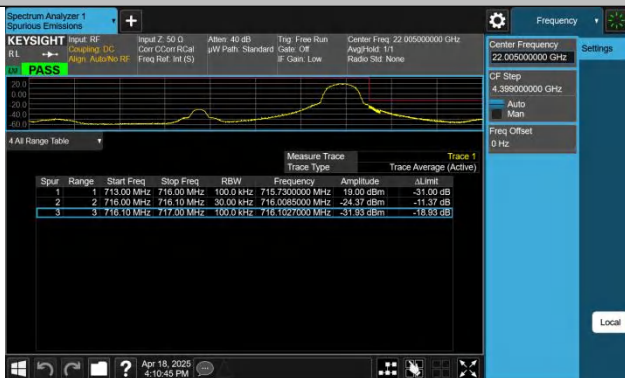
Band12-3MHz-QPSK-23025-1RB#0-PASS



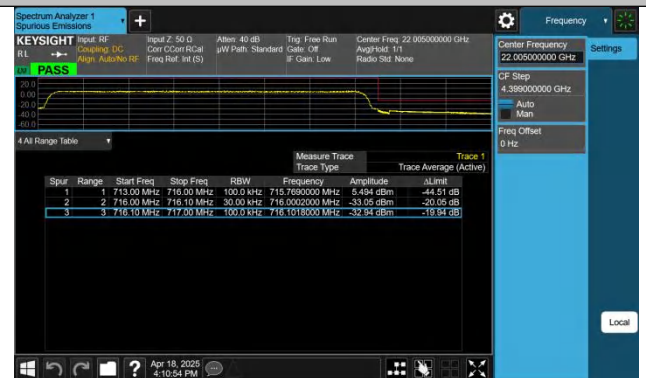
Band12-3MHz-QPSK-23025-1RB#14-PASS



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



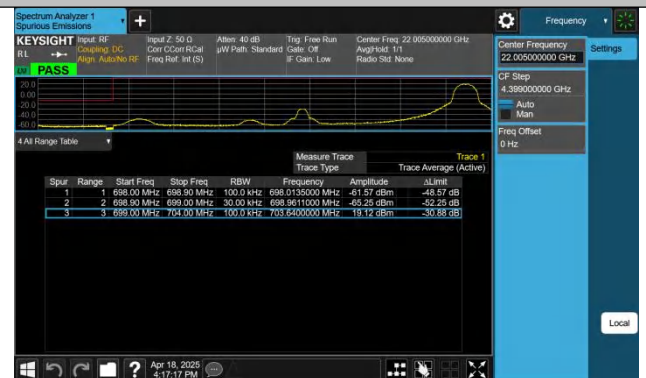
Band12-3MHz-QPSK-23165-1RB#0-PASS



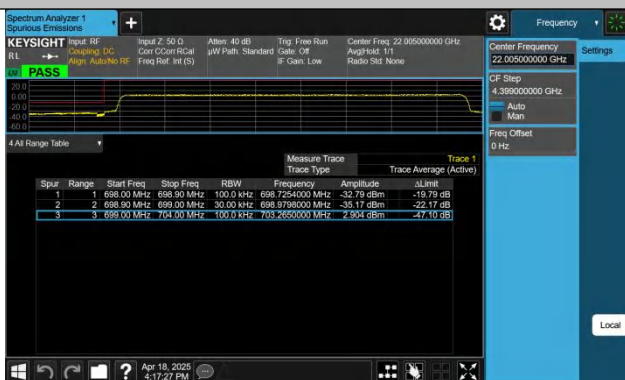
Band12-3MHz-QPSK-23165-1RB#14-PASS



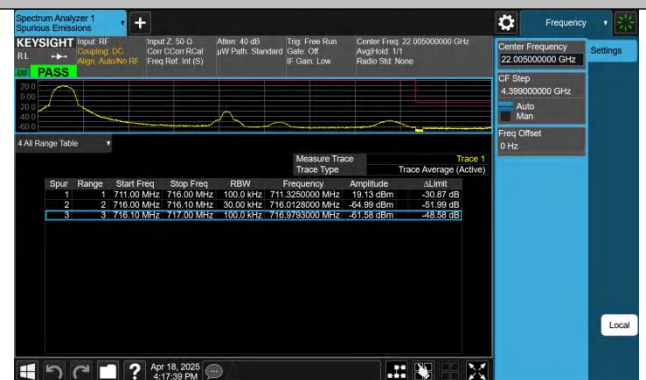
Band12-3MHz-QPSK-23165-15RB#0-PASS



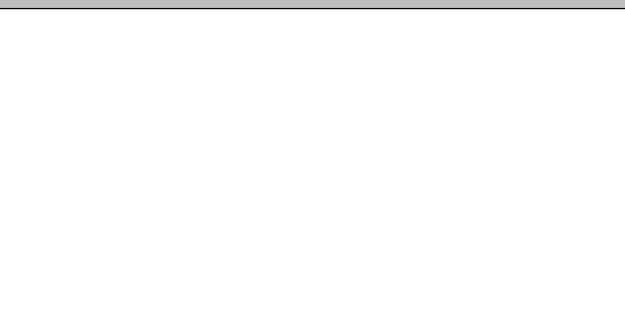
Band12-5MHz-QPSK-23035-1RB#0-PASS



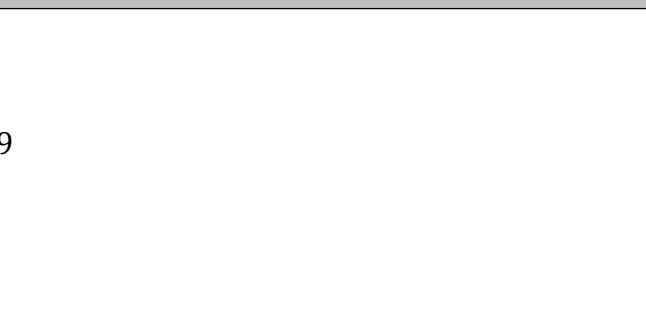
Band12-5MHz-QPSK-23035-1RB#24-PASS

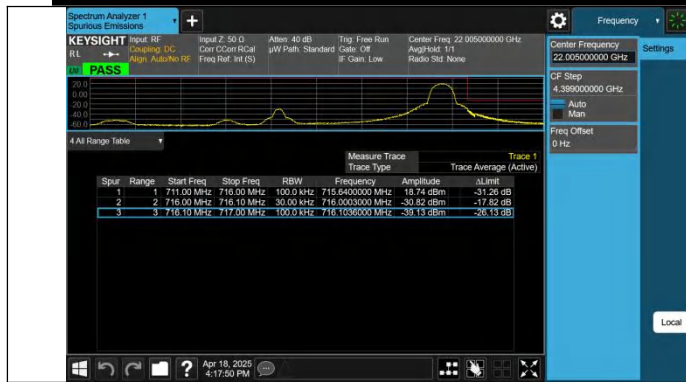


Band12-5MHz-QPSK-23035-25RB#0-PASS



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





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



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



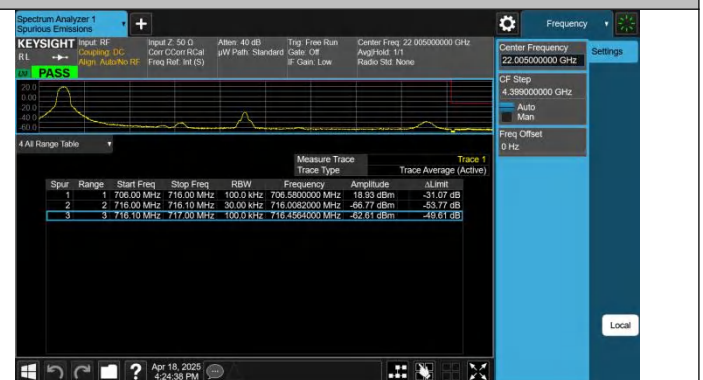
Band12-10MHz-QPSK-23060-1RB#0-PASS



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



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



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



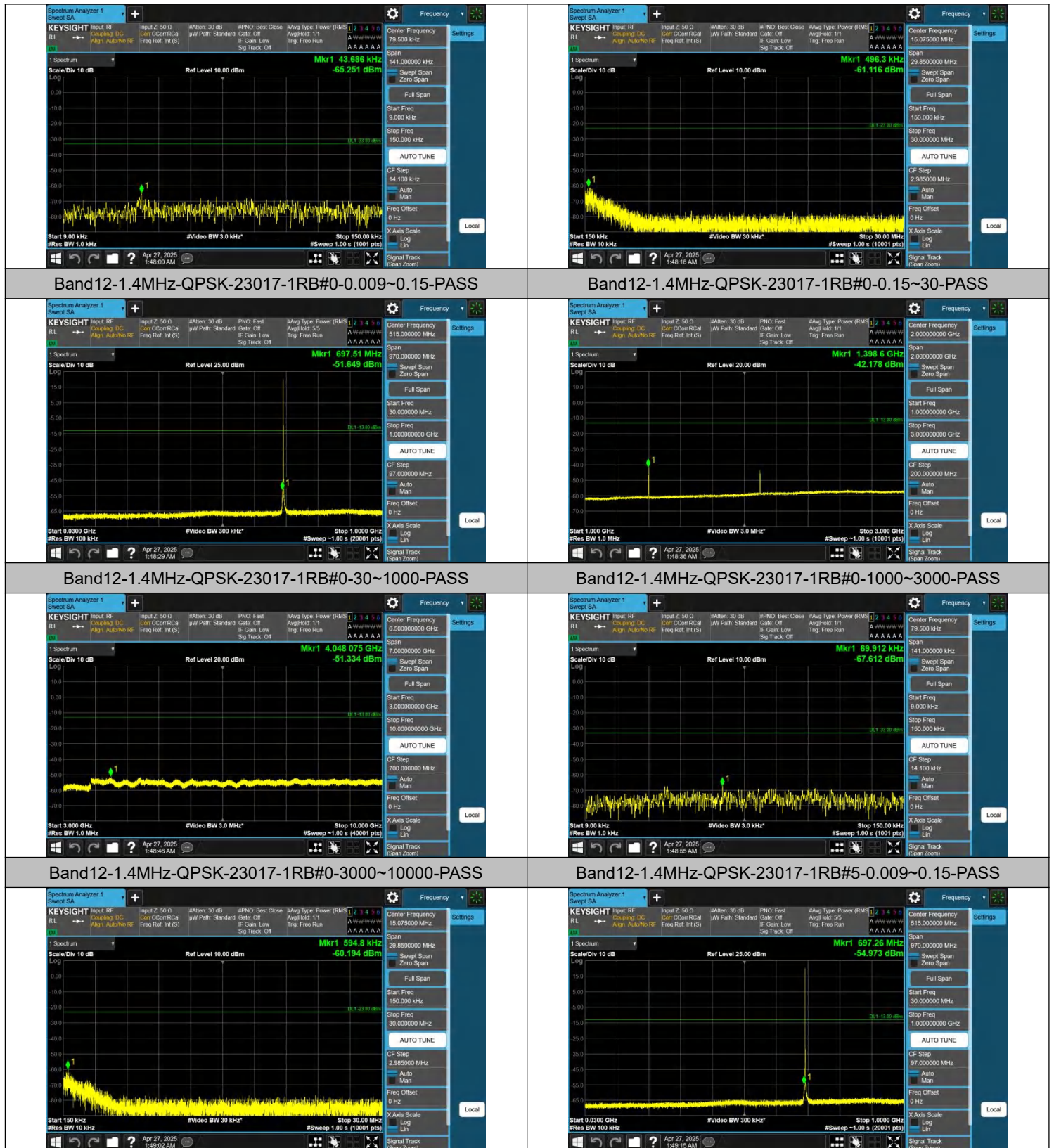
Band12-10MHz-QPSK-23130-1RB#49-PASS



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

Conducted Spurious Emission

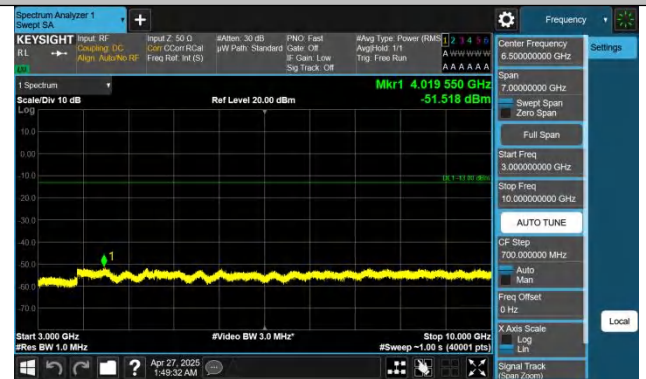
Test Graphs



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



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



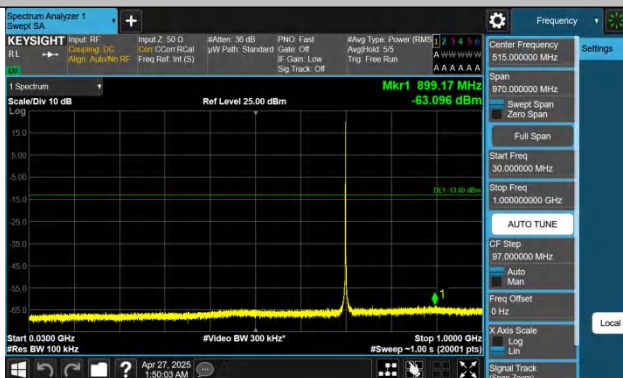
Band12-1.4MHz-QPSK-23017-1RB#5-1000~3000-PASS



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

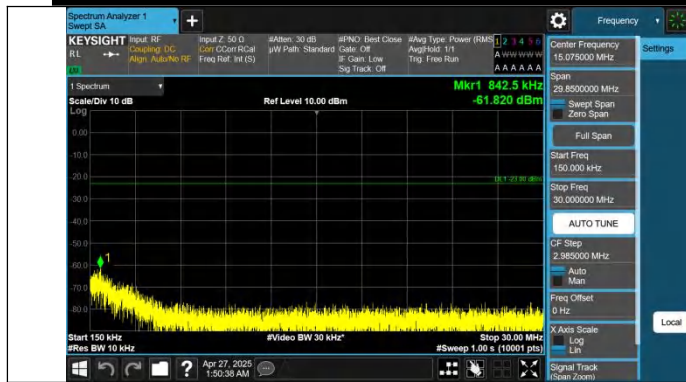


Band12-1.4MHz-QPSK-23095-1RB#0-1000~3000-PASS



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

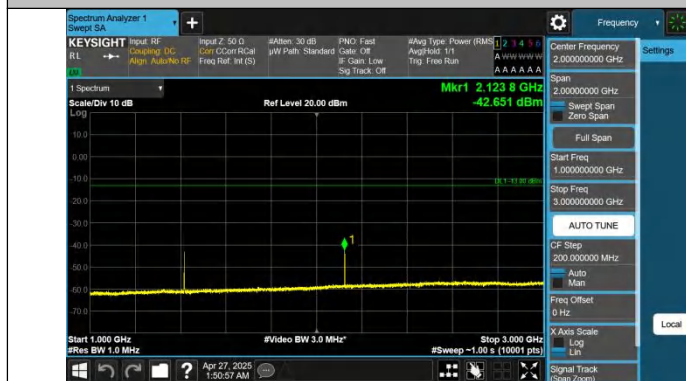
Band12-1.4MHz-QPSK-23095-1RB#5-0.009~0.15-PASS



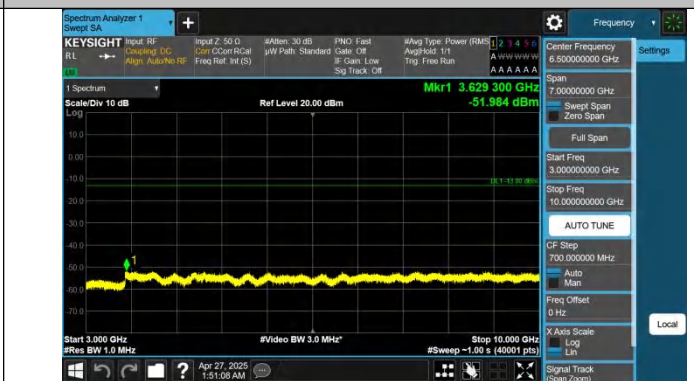
Band12-1.4MHz-QPSK-23095-1RB#5-0.15~30-PASS



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



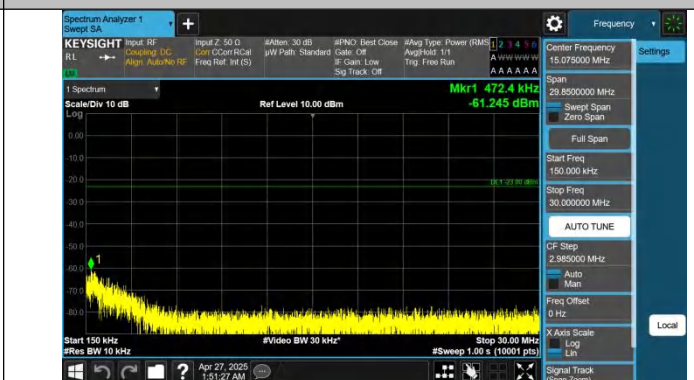
Band12-1.4MHz-QPSK-23095-1RB#5-1000~3000-PASS



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