

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	22.93	3.26	24.04	34.8	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.22	3.26	23.33	34.8	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.17	3.26	24.28	34.8	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.11	3.26	24.22	34.8	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.17	3.26	24.28	34.8	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.28	3.26	23.39	34.8	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.31	3.26	24.42	34.8	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.25	3.26	24.36	34.8	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.13	3.26	24.24	34.8	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.24	3.26	23.35	34.8	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.21	3.26	24.32	34.8	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.23	3.26	24.34	34.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	21.87	3.26	22.98	34.8	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.11	3.26	22.22	34.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.20	3.26	23.31	34.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.13	3.26	23.24	34.8	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.62	3.26	23.73	34.8	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.22	3.26	22.33	34.8	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.21	3.26	23.32	34.8	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.02	3.26	23.13	34.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.21	3.26	23.32	34.8	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.30	3.26	22.41	34.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.28	3.26	23.39	34.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.22	3.26	23.33	34.8	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.93	3.26	24.04	34.8	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.24	3.26	23.35	34.8	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.08	3.26	24.19	34.8	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.06	3.26	24.17	34.8	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.08	3.26	24.19	34.8	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.19	3.26	23.3	34.8	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.25	3.26	24.36	34.8	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.18	3.26	24.29	34.8	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.37	3.26	24.48	34.8	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.33	3.26	23.44	34.8	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.22	3.26	24.33	34.8	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.33	3.26	24.44	34.8	PASS

Band12	3MHz	16QAM	23025	1RB#0	22.18	3.26	23.29	34.8	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.11	3.26	22.22	34.8	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.47	3.26	23.58	34.8	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.12	3.26	23.23	34.8	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.00	3.26	23.11	34.8	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.16	3.26	22.27	34.8	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.07	3.26	23.18	34.8	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.07	3.26	23.18	34.8	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.39	3.26	23.5	34.8	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.14	3.26	22.25	34.8	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.48	3.26	23.59	34.8	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.20	3.26	23.31	34.8	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.08	3.26	24.19	34.8	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.07	3.26	23.18	34.8	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.36	3.26	24.47	34.8	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.19	3.26	24.3	34.8	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.05	3.26	24.16	34.8	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.17	3.26	23.28	34.8	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.37	3.26	24.48	34.8	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.29	3.26	24.4	34.8	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.29	3.26	24.4	34.8	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.13	3.26	23.24	34.8	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.12	3.26	24.23	34.8	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.10	3.26	24.21	34.8	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.87	3.26	22.98	34.8	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.15	3.26	22.26	34.8	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.93	3.26	23.04	34.8	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.74	3.26	22.85	34.8	PASS
Band12	5MHz	16QAM	23095	1RB#0	21.95	3.26	23.06	34.8	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.10	3.26	22.21	34.8	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.38	3.26	23.49	34.8	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.11	3.26	23.22	34.8	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.23	3.26	23.34	34.8	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.05	3.26	22.16	34.8	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.80	3.26	22.91	34.8	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.16	3.26	23.27	34.8	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.81	3.26	23.92	34.8	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.19	3.26	23.3	34.8	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.26	3.26	24.37	34.8	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.94	3.26	24.05	34.8	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.99	3.26	24.1	34.8	PASS

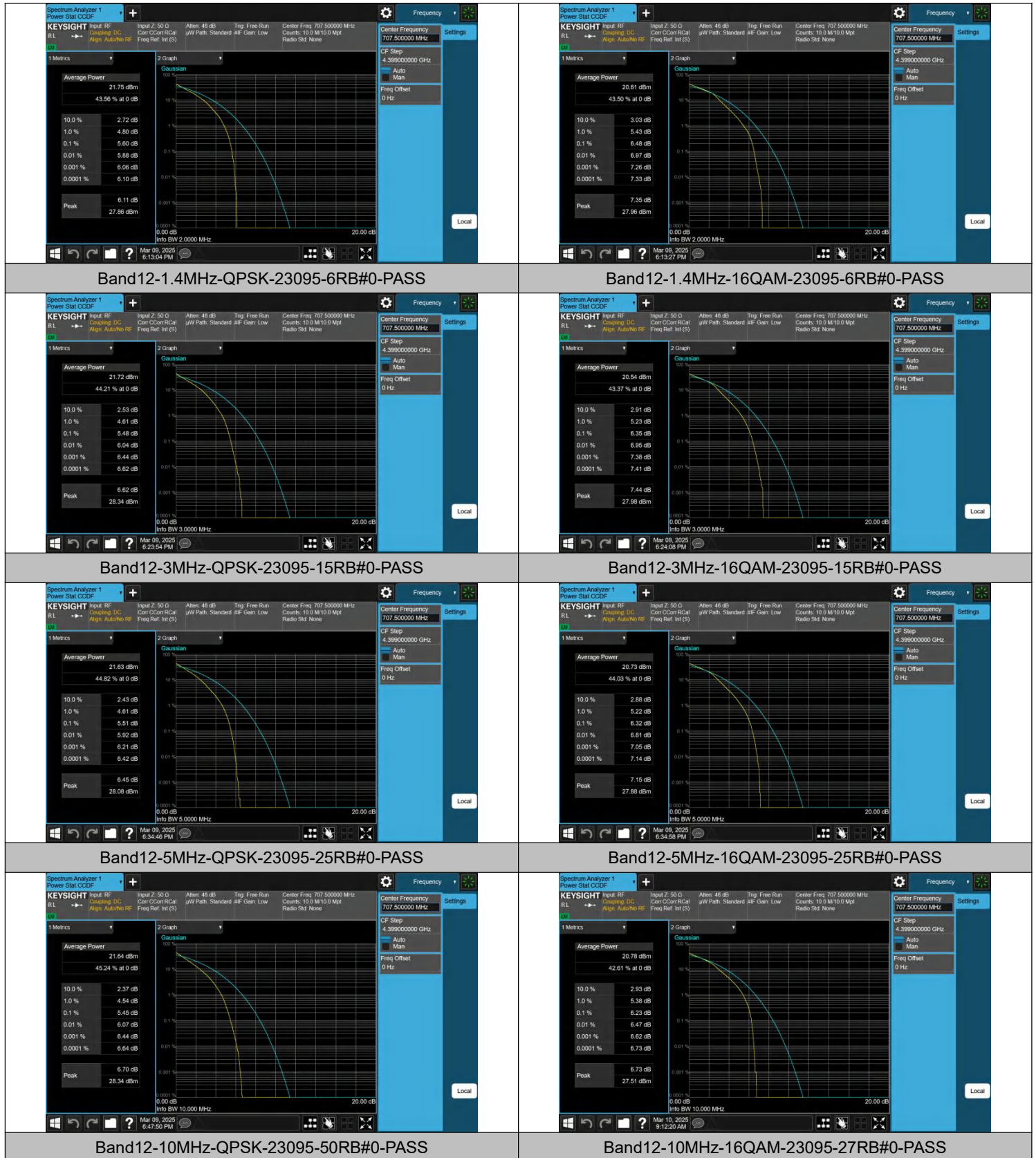
Band12	10MHz	QPSK	23095	50RB#0	22.28	3.26	23.39	34.8	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.32	3.26	24.43	34.8	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.15	3.26	24.26	34.8	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.16	3.26	24.27	34.8	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.33	3.26	23.44	34.8	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.50	3.26	24.61	34.8	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.31	3.26	24.42	34.8	PASS
Band12	10MHz	16QAM	23060	27RB#0	21.18	3.26	22.29	34.8	PASS
Band12	10MHz	16QAM	23095	27RB#0	21.14	3.26	22.25	34.8	PASS
Band12	10MHz	16QAM	23130	27RB#0	21.22	3.26	22.33	34.8	PASS
Band12	10MHz	16QAM	23060	1RB#0	21.97	3.26	23.08	34.8	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.24	3.26	23.35	34.8	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.31	3.26	23.42	34.8	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.94	3.26	23.05	34.8	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.45	3.26	23.56	34.8	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.06	3.26	23.17	34.8	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.63	3.26	23.74	34.8	PASS
Band12	10MHz	16QAM	23130	1RB#24	23.18	3.26	24.29	34.8	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.60	3.26	23.71	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	5.48	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.35	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.51	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.32	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.45	13	PASS
Band12	10MHz	16QAM	23095	27RB#0	6.23	13	PASS

Test Graphs

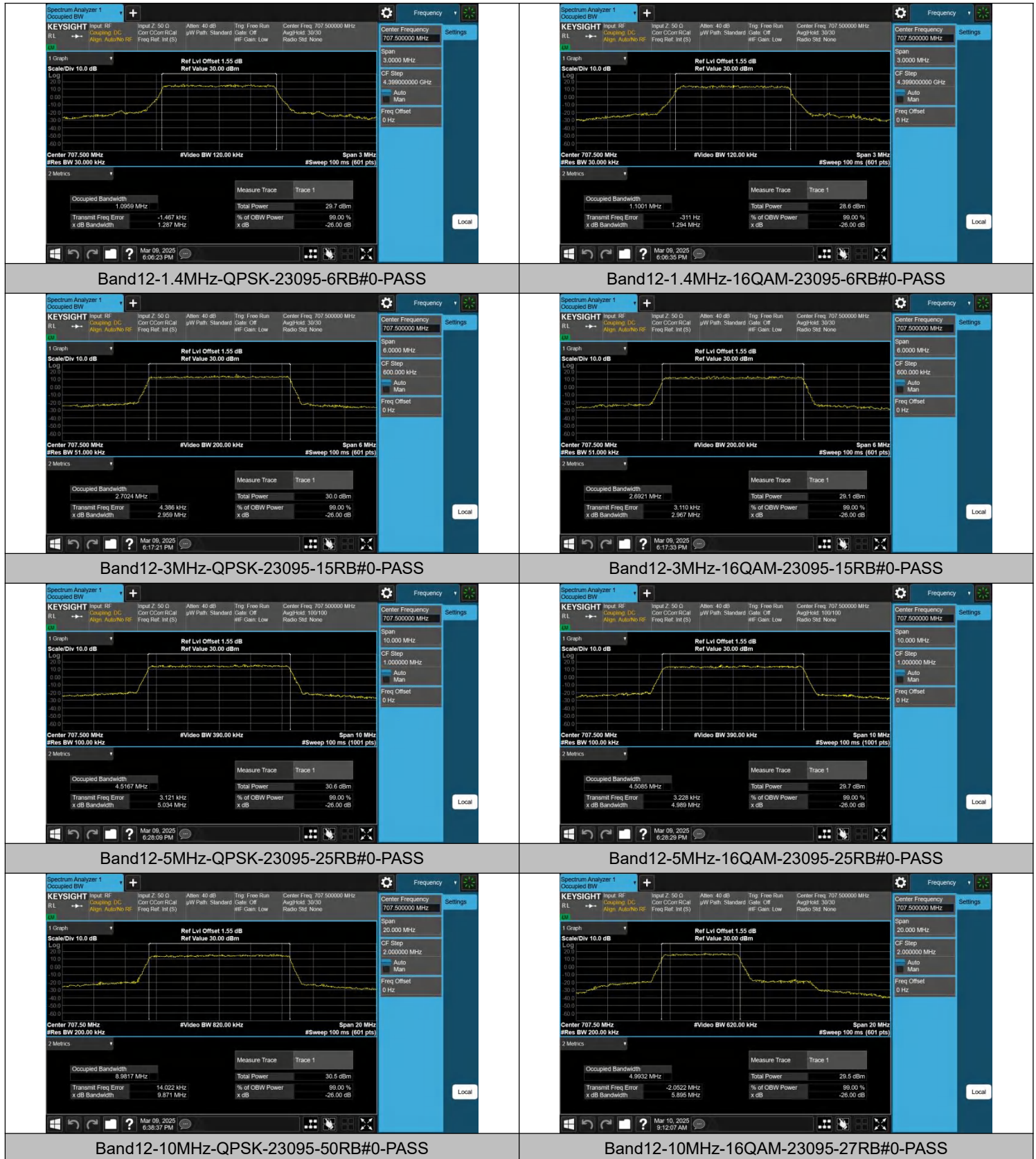


26dB Bandwidth and Occupied Bandwidth

Test Result

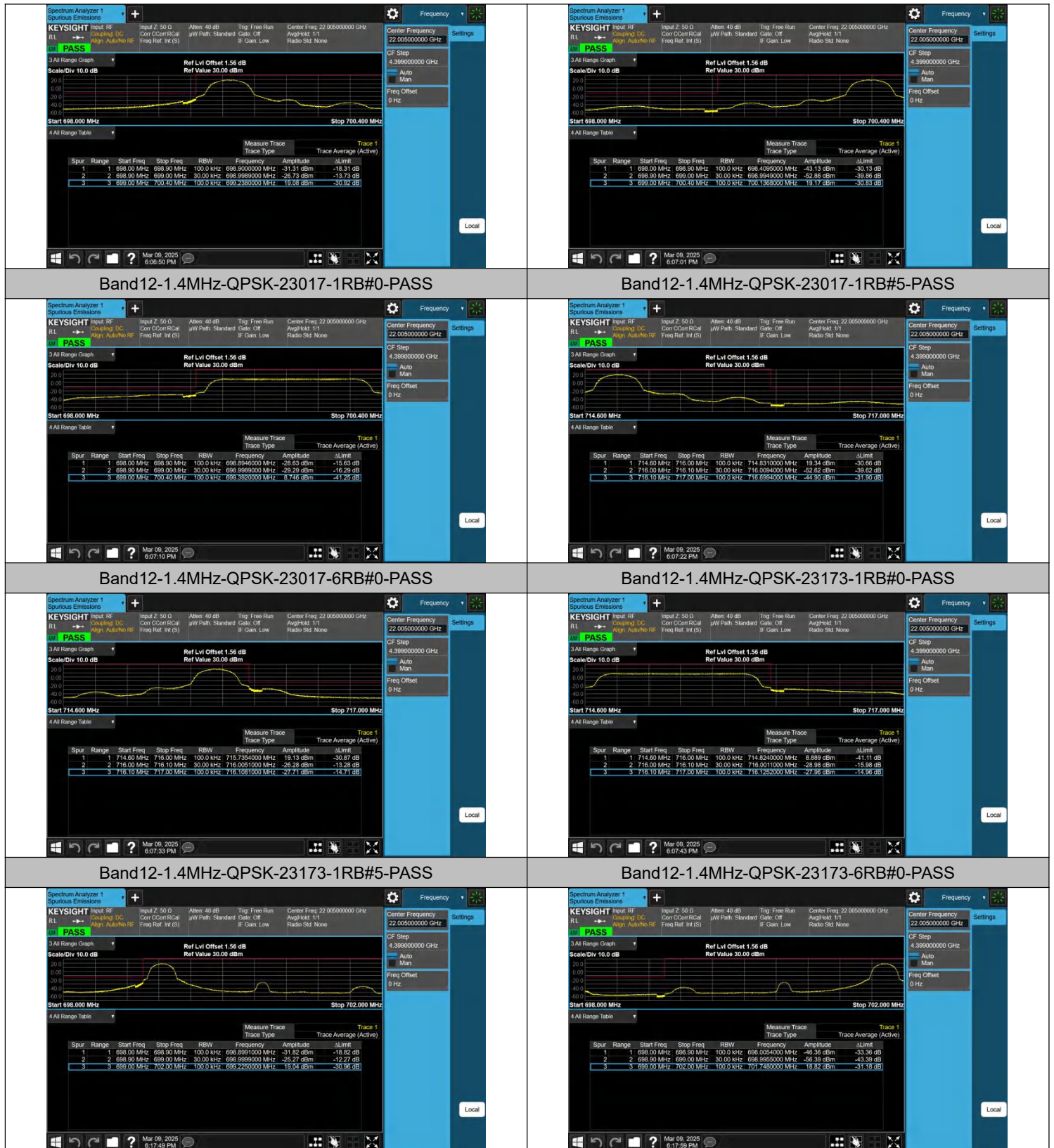
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23095	6RB#0	1.0959	1.287	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1001	1.294	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7024	2.959	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6921	2.967	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5167	5.034	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5085	4.989	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9817	9.871	PASS
Band12	10MHz	16QAM	23095	27RB#0	4.9932	5.895	PASS

Test Graphs

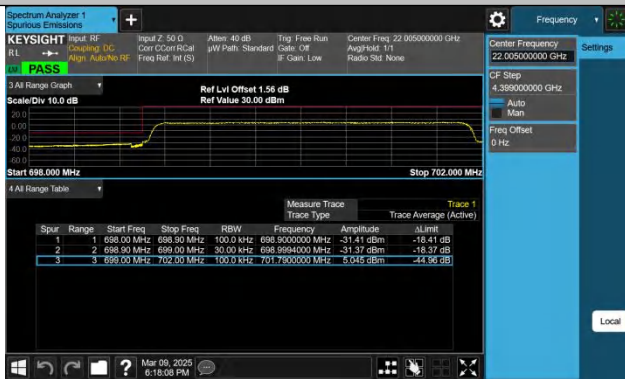


Band Edge

Test Graphs



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



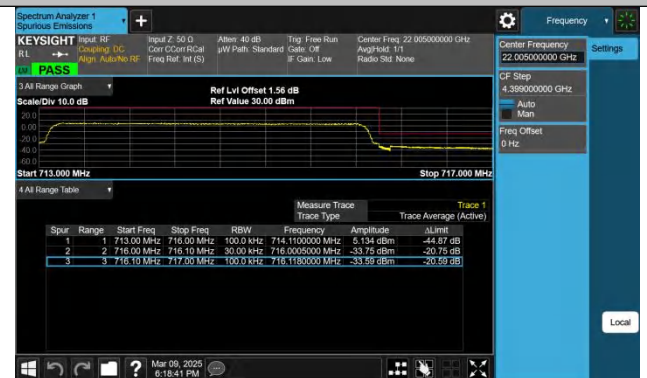
Band12-3MHz-QPSK-23025-1RB#14-PASS



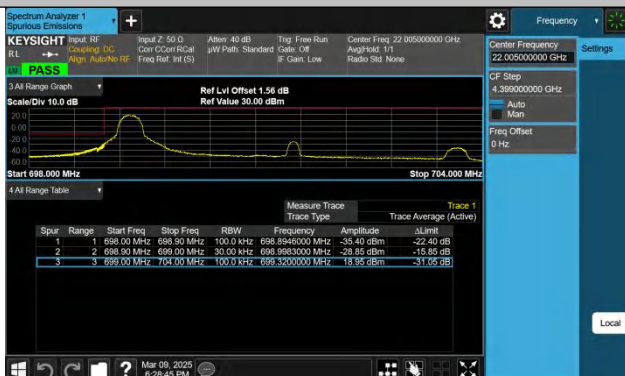
Band12-3MHz-QPSK-23025-15RB#0-PASS



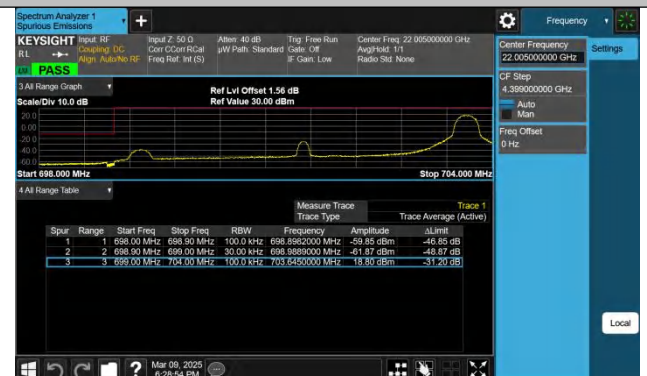
Band12-3MHz-QPSK-23165-1RB#0-PASS



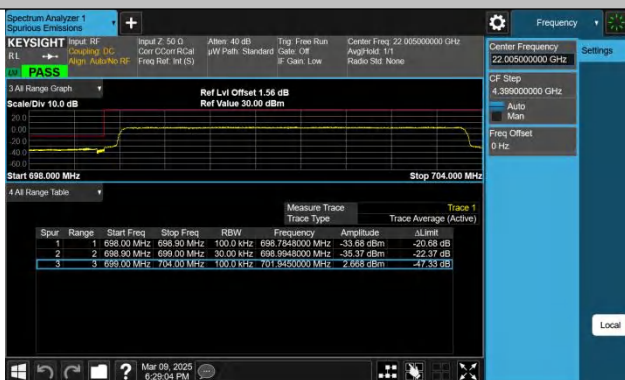
Band12-3MHz-QPSK-23165-1RB#14-PASS



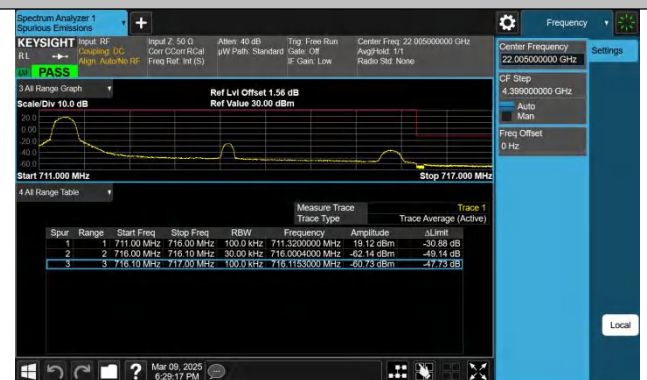
Band12-3MHz-QPSK-23165-15RB#0-PASS



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



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

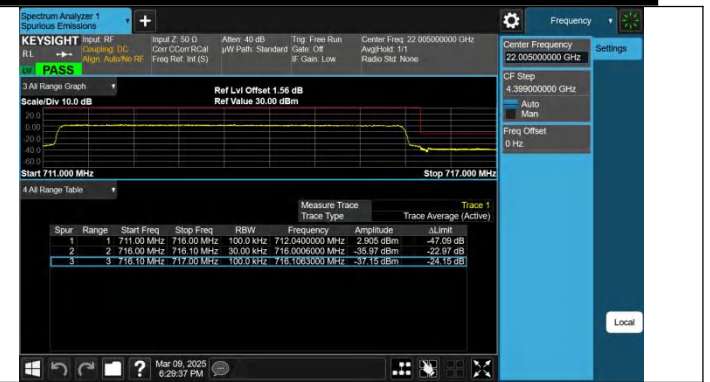


Band12-5MHz-QPSK-23035-25RB#0-PASS

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



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



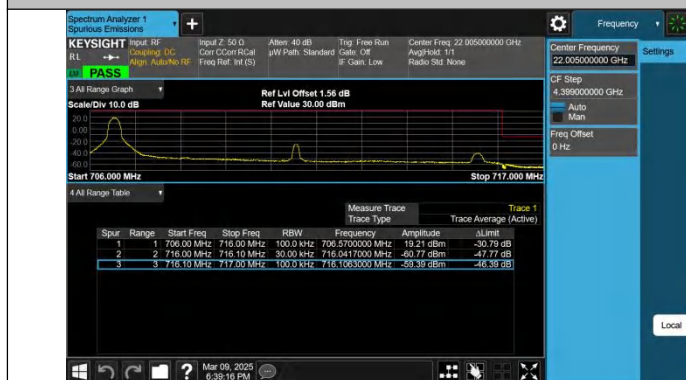
Band12-5MHz-QPSK-23155-25RB#0-PASS



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



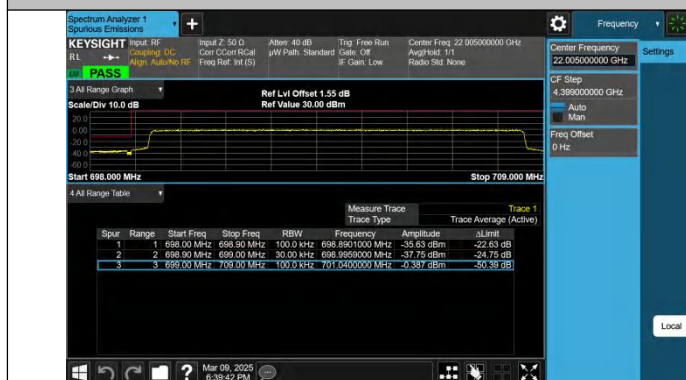
Band12-10MHz-QPSK-23060-1RB#49-PASS



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



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



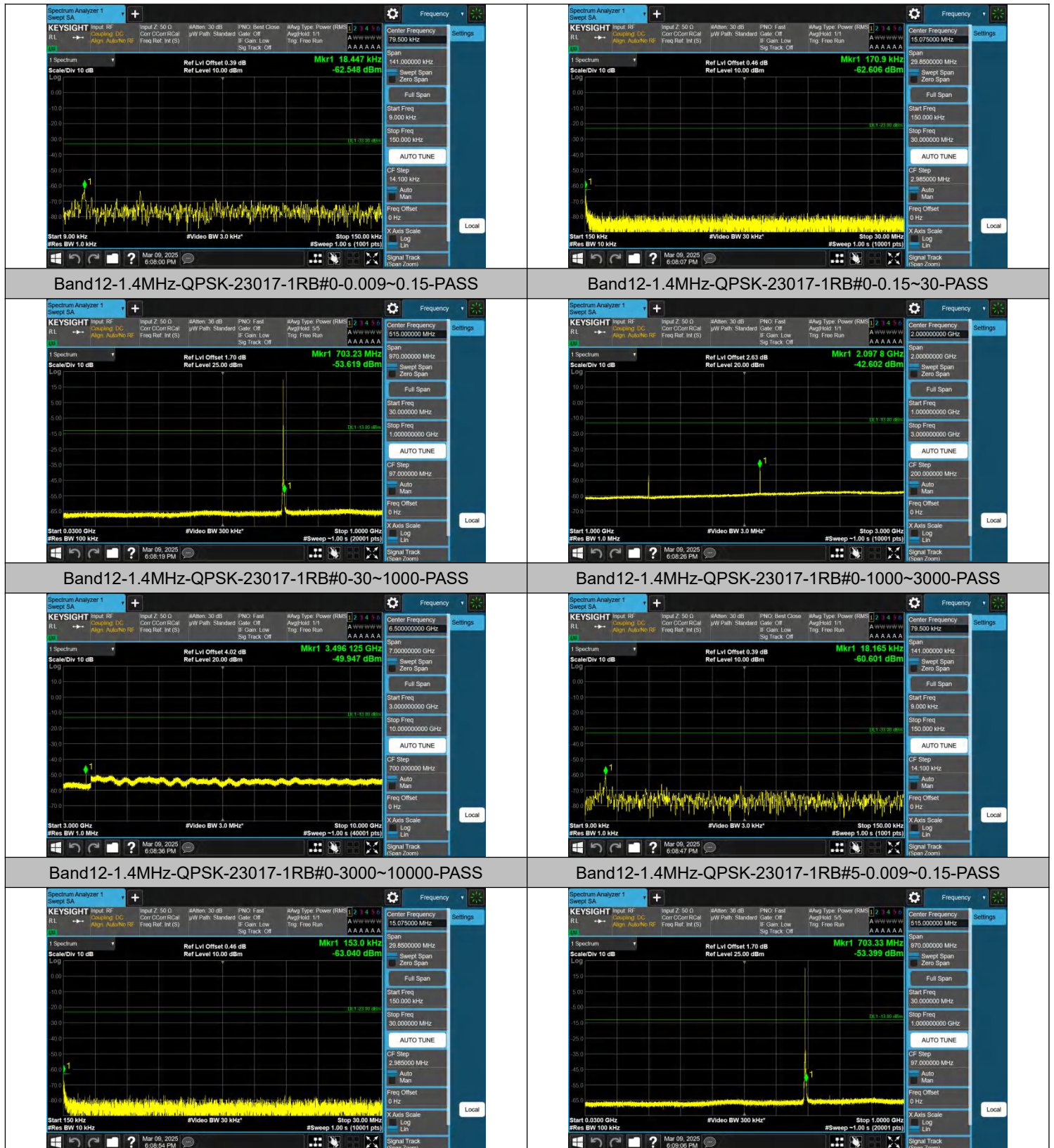
Band12-10MHz-QPSK-23060-50RB#0-PASS



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

Conducted Spurious Emission

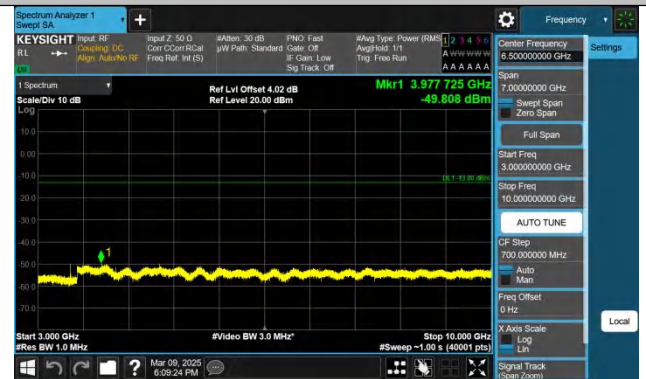
Test Graphs



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



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



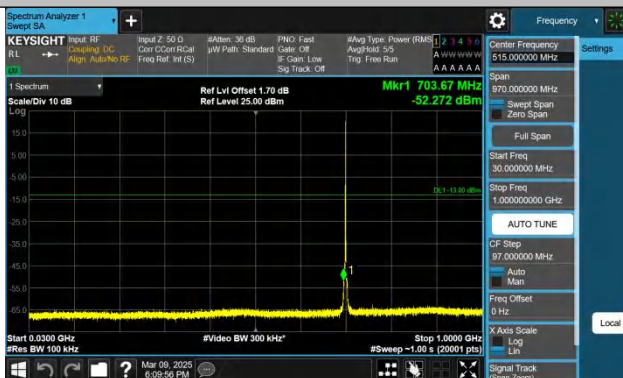
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Band12-1.4MHz-QPSK-23017-1RB#5-3000~10000-PASS



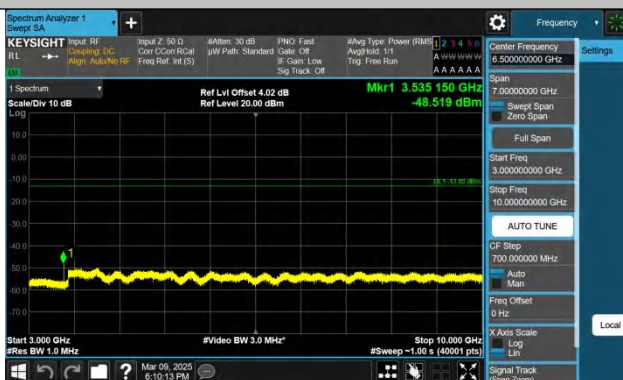
Band12-1.4MHz-QPSK-23095-1RB#0-0.009~0.15-PASS



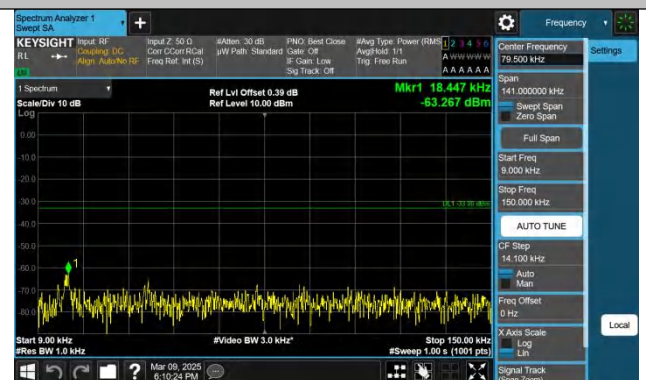
Band12-1.4MHz-QPSK-23095-1RB#0-0.15~30-PASS



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

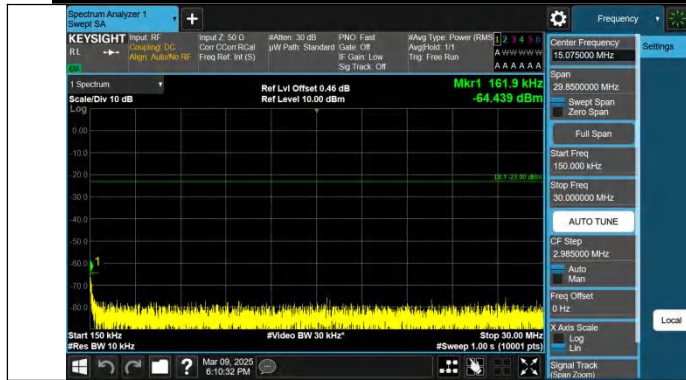


Band12-1.4MHz-QPSK-23095-1RB#0-1000~3000-PASS



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

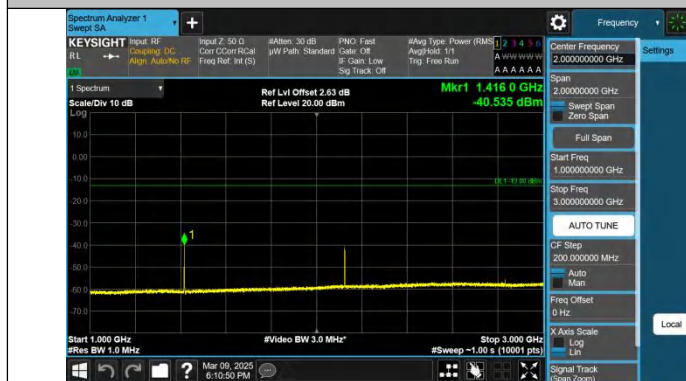
Band12-1.4MHz-QPSK-23095-1RB#5-0.009~0.15-PASS



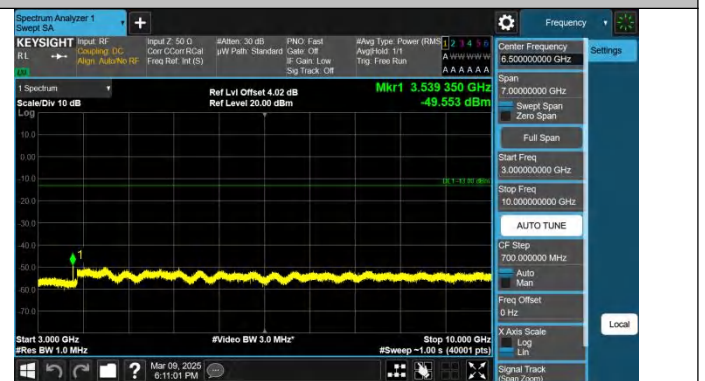
Band12-1.4MHz-QPSK-23095-1RB#5-0.15~30-PASS



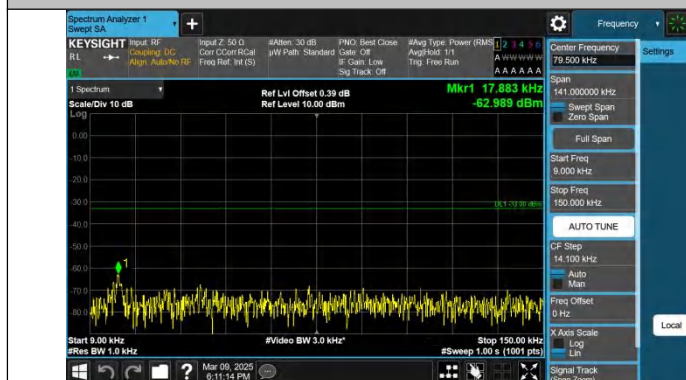
Band12-1.4MHz-QPSK-23095-1RB#5-30~1000-PASS



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