

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	0.5	21.33	34.8	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	22.86	0.5	21.21	34.8	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	22.93	0.5	21.28	34.8	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	21.97	0.5	20.32	34.8	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	22.87	0.5	21.22	34.8	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	22.89	0.5	21.24	34.8	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	22.97	0.5	21.32	34.8	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	21.85	0.5	20.2	34.8	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.86	0.5	21.21	34.8	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.75	0.5	21.1	34.8	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.85	0.5	21.2	34.8	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	21.91	0.5	20.26	34.8	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	21	0.5	19.35	34.8	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	20.79	0.5	19.14	34.8	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	20.7	0.5	19.05	34.8	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	19.87	0.5	18.22	34.8	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	21	0.5	19.35	34.8	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	20.78	0.5	19.13	34.8	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	20.94	0.5	19.29	34.8	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	19.84	0.5	18.19	34.8	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	20.83	0.5	19.18	34.8	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	20.79	0.5	19.14	34.8	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	20.79	0.5	19.14	34.8	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	19.89	0.5	18.24	34.8	PASS
Band12	1.4MHz	256QAM	23017	1RB#0	17.92	0.5	16.27	34.8	PASS
Band12	1.4MHz	256QAM	23017	1RB#2	17.8	0.5	16.15	34.8	PASS
Band12	1.4MHz	256QAM	23017	1RB#5	17.91	0.5	16.26	34.8	PASS
Band12	1.4MHz	256QAM	23017	6RB#0	17.83	0.5	16.18	34.8	PASS
Band12	1.4MHz	256QAM	23095	1RB#0	17.72	0.5	16.07	34.8	PASS
Band12	1.4MHz	256QAM	23095	1RB#2	17.87	0.5	16.22	34.8	PASS
Band12	1.4MHz	256QAM	23095	1RB#5	17.82	0.5	16.17	34.8	PASS
Band12	1.4MHz	256QAM	23095	6RB#0	17.85	0.5	16.2	34.8	PASS
Band12	1.4MHz	256QAM	23173	1RB#0	17.91	0.5	16.26	34.8	PASS
Band12	1.4MHz	256QAM	23173	1RB#2	17.9	0.5	16.25	34.8	PASS

Band12	1.4MHz	256QAM	23173	1RB#5	17.91	0.5	16.26	34.8	PASS
Band12	1.4MHz	256QAM	23173	6RB#0	18.01	0.5	16.36	34.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	21.86	0.5	20.21	34.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	21.95	0.5	20.3	34.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	21.81	0.5	20.16	34.8	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	20.91	0.5	19.26	34.8	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	21.67	0.5	20.02	34.8	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	21.86	0.5	20.21	34.8	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	21.78	0.5	20.13	34.8	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	20.94	0.5	19.29	34.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	21.73	0.5	20.08	34.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	21.68	0.5	20.03	34.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	21.88	0.5	20.23	34.8	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	20.82	0.5	19.17	34.8	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.65	0.5	21	34.8	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.71	0.5	21.06	34.8	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.7	0.5	21.05	34.8	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.03	0.5	20.38	34.8	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.6	0.5	20.95	34.8	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.8	0.5	21.15	34.8	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.63	0.5	20.98	34.8	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.92	0.5	20.27	34.8	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.68	0.5	21.03	34.8	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.65	0.5	21	34.8	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.54	0.5	20.89	34.8	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.85	0.5	20.2	34.8	PASS
Band12	3MHz	64QAM	23025	1RB#0	21.01	0.5	19.36	34.8	PASS
Band12	3MHz	64QAM	23025	1RB#8	21.18	0.5	19.53	34.8	PASS
Band12	3MHz	64QAM	23025	1RB#14	21.09	0.5	19.44	34.8	PASS
Band12	3MHz	64QAM	23025	15RB#0	19.95	0.5	18.3	34.8	PASS
Band12	3MHz	64QAM	23095	1RB#0	20.93	0.5	19.28	34.8	PASS
Band12	3MHz	64QAM	23095	1RB#8	21.22	0.5	19.57	34.8	PASS
Band12	3MHz	64QAM	23095	1RB#14	21.12	0.5	19.47	34.8	PASS
Band12	3MHz	64QAM	23095	15RB#0	19.96	0.5	18.31	34.8	PASS
Band12	3MHz	64QAM	23165	1RB#0	20.92	0.5	19.27	34.8	PASS
Band12	3MHz	64QAM	23165	1RB#8	20.95	0.5	19.3	34.8	PASS
Band12	3MHz	64QAM	23165	1RB#14	20.77	0.5	19.12	34.8	PASS
Band12	3MHz	64QAM	23165	15RB#0	19.9	0.5	18.25	34.8	PASS
Band12	3MHz	256QAM	23025	1RB#0	17.98	0.5	16.33	34.8	PASS
Band12	3MHz	256QAM	23025	1RB#8	18.24	0.5	16.59	34.8	PASS

Band12	3MHz	256QAM	23025	1RB#14	17.98	0.5	16.33	34.8	PASS
Band12	3MHz	256QAM	23025	15RB#0	18.01	0.5	16.36	34.8	PASS
Band12	3MHz	256QAM	23095	1RB#0	17.92	0.5	16.27	34.8	PASS
Band12	3MHz	256QAM	23095	1RB#8	18.17	0.5	16.52	34.8	PASS
Band12	3MHz	256QAM	23095	1RB#14	18.09	0.5	16.44	34.8	PASS
Band12	3MHz	256QAM	23095	15RB#0	18.02	0.5	16.37	34.8	PASS
Band12	3MHz	256QAM	23165	1RB#0	17.83	0.5	16.18	34.8	PASS
Band12	3MHz	256QAM	23165	1RB#8	18.04	0.5	16.39	34.8	PASS
Band12	3MHz	256QAM	23165	1RB#14	17.93	0.5	16.28	34.8	PASS
Band12	3MHz	256QAM	23165	15RB#0	17.95	0.5	16.3	34.8	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.92	0.5	20.27	34.8	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.05	0.5	20.4	34.8	PASS
Band12	3MHz	16QAM	23025	1RB#14	21.88	0.5	20.23	34.8	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.05	0.5	19.4	34.8	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.02	0.5	20.37	34.8	PASS
Band12	3MHz	16QAM	23095	1RB#8	21.98	0.5	20.33	34.8	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.94	0.5	20.29	34.8	PASS
Band12	3MHz	16QAM	23095	15RB#0	20.95	0.5	19.3	34.8	PASS
Band12	3MHz	16QAM	23165	1RB#0	21.71	0.5	20.06	34.8	PASS
Band12	3MHz	16QAM	23165	1RB#8	21.9	0.5	20.25	34.8	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.75	0.5	20.1	34.8	PASS
Band12	3MHz	16QAM	23165	15RB#0	20.89	0.5	19.24	34.8	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.68	0.5	21.03	34.8	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.8	0.5	21.15	34.8	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.57	0.5	20.92	34.8	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.02	0.5	20.37	34.8	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.74	0.5	21.09	34.8	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.8	0.5	21.15	34.8	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.67	0.5	21.02	34.8	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.9	0.5	20.25	34.8	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.66	0.5	21.01	34.8	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.77	0.5	21.12	34.8	PASS
Band12	5MHz	QPSK	23155	1RB#24	22.65	0.5	21	34.8	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.9	0.5	20.25	34.8	PASS
Band12	5MHz	64QAM	23035	1RB#0	21.06	0.5	19.41	34.8	PASS
Band12	5MHz	64QAM	23035	1RB#12	21.25	0.5	19.6	34.8	PASS
Band12	5MHz	64QAM	23035	1RB#24	20.84	0.5	19.19	34.8	PASS
Band12	5MHz	64QAM	23035	25RB#0	20.01	0.5	18.36	34.8	PASS
Band12	5MHz	64QAM	23095	1RB#0	21.02	0.5	19.37	34.8	PASS
Band12	5MHz	64QAM	23095	1RB#12	21.12	0.5	19.47	34.8	PASS

Band12	5MHz	64QAM	23095	1RB#24	20.97	0.5	19.32	34.8	PASS
Band12	5MHz	64QAM	23095	25RB#0	19.92	0.5	18.27	34.8	PASS
Band12	5MHz	64QAM	23155	1RB#0	20.84	0.5	19.19	34.8	PASS
Band12	5MHz	64QAM	23155	1RB#12	21.12	0.5	19.47	34.8	PASS
Band12	5MHz	64QAM	23155	1RB#24	21.02	0.5	19.37	34.8	PASS
Band12	5MHz	64QAM	23155	25RB#0	19.93	0.5	18.28	34.8	PASS
Band12	5MHz	256QAM	23035	1RB#0	18.07	0.5	16.42	34.8	PASS
Band12	5MHz	256QAM	23035	1RB#12	18.04	0.5	16.39	34.8	PASS
Band12	5MHz	256QAM	23035	1RB#24	17.77	0.5	16.12	34.8	PASS
Band12	5MHz	256QAM	23035	25RB#0	18.02	0.5	16.37	34.8	PASS
Band12	5MHz	256QAM	23095	1RB#0	17.66	0.5	16.01	34.8	PASS
Band12	5MHz	256QAM	23095	1RB#12	18.13	0.5	16.48	34.8	PASS
Band12	5MHz	256QAM	23095	1RB#24	17.83	0.5	16.18	34.8	PASS
Band12	5MHz	256QAM	23095	25RB#0	17.94	0.5	16.29	34.8	PASS
Band12	5MHz	256QAM	23155	1RB#0	17.76	0.5	16.11	34.8	PASS
Band12	5MHz	256QAM	23155	1RB#12	17.9	0.5	16.25	34.8	PASS
Band12	5MHz	256QAM	23155	1RB#24	17.87	0.5	16.22	34.8	PASS
Band12	5MHz	256QAM	23155	25RB#0	17.95	0.5	16.3	34.8	PASS
Band12	5MHz	16QAM	23035	1RB#0	22	0.5	20.35	34.8	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.81	0.5	20.16	34.8	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.82	0.5	20.17	34.8	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.01	0.5	19.36	34.8	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.15	0.5	20.5	34.8	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.16	0.5	20.51	34.8	PASS
Band12	5MHz	16QAM	23095	1RB#24	21.86	0.5	20.21	34.8	PASS
Band12	5MHz	16QAM	23095	25RB#0	20.89	0.5	19.24	34.8	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.02	0.5	20.37	34.8	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.97	0.5	20.32	34.8	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.09	0.5	20.44	34.8	PASS
Band12	5MHz	16QAM	23155	25RB#0	20.88	0.5	19.23	34.8	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.73	0.5	21.08	34.8	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.69	0.5	21.04	34.8	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.6	0.5	20.95	34.8	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.02	0.5	20.37	34.8	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.77	0.5	21.12	34.8	PASS
Band12	10MHz	QPSK	23095	1RB#24	22.78	0.5	21.13	34.8	PASS
Band12	10MHz	QPSK	23095	1RB#49	22.69	0.5	21.04	34.8	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.97	0.5	20.32	34.8	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.7	0.5	21.05	34.8	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.73	0.5	21.08	34.8	PASS

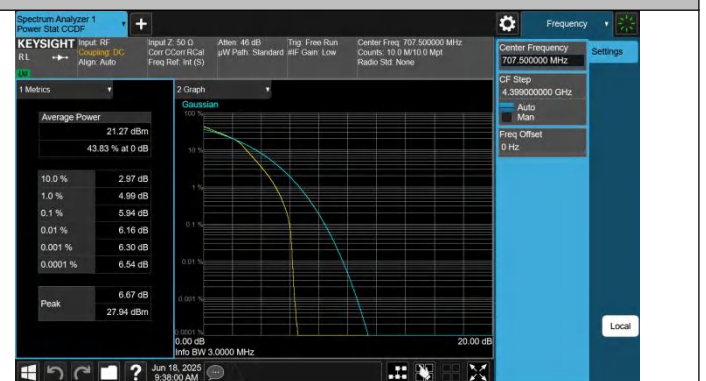
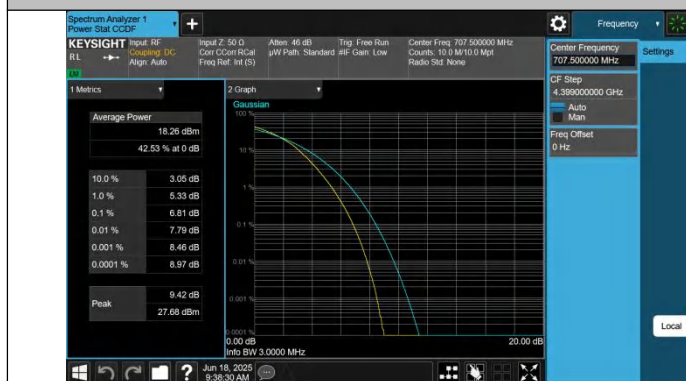
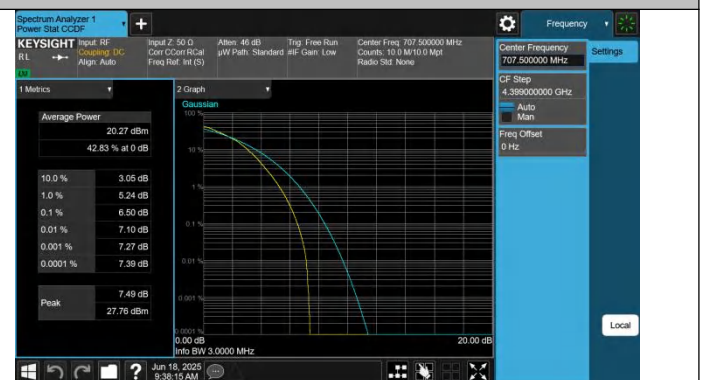
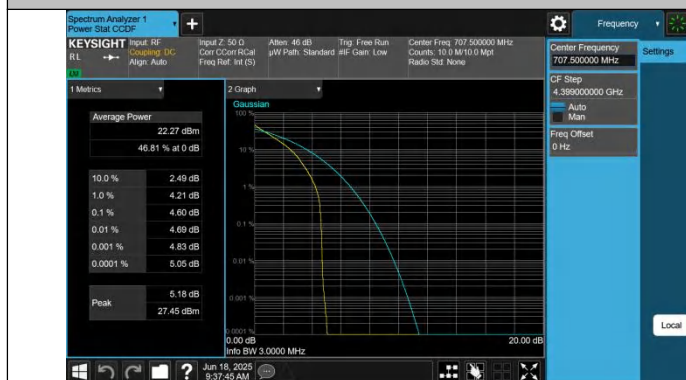
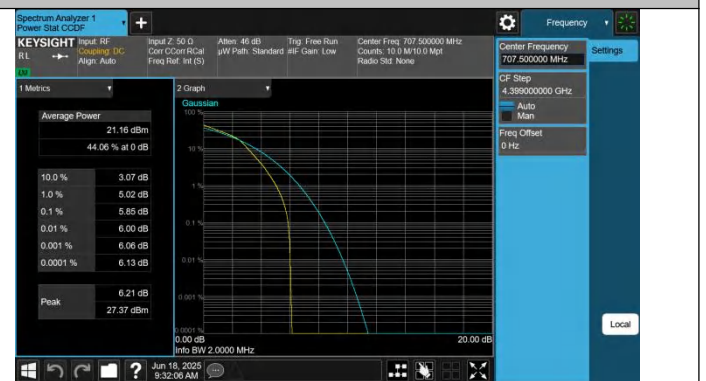
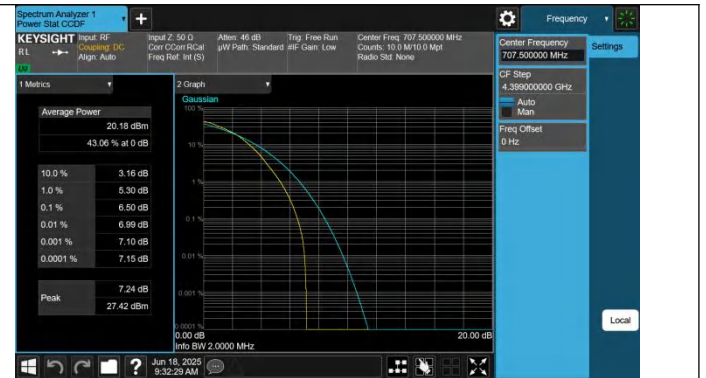
Band12	10MHz	QPSK	23130	1RB#49	22.59	0.5	20.94	34.8	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.99	0.5	20.34	34.8	PASS
Band12	10MHz	64QAM	23060	1RB#0	20.88	0.5	19.23	34.8	PASS
Band12	10MHz	64QAM	23060	1RB#24	20.92	0.5	19.27	34.8	PASS
Band12	10MHz	64QAM	23060	1RB#49	20.9	0.5	19.25	34.8	PASS
Band12	10MHz	64QAM	23060	50RB#0	19.99	0.5	18.34	34.8	PASS
Band12	10MHz	64QAM	23095	1RB#0	21.06	0.5	19.41	34.8	PASS
Band12	10MHz	64QAM	23095	1RB#24	21.06	0.5	19.41	34.8	PASS
Band12	10MHz	64QAM	23095	1RB#49	21.1	0.5	19.45	34.8	PASS
Band12	10MHz	64QAM	23095	50RB#0	19.9	0.5	18.25	34.8	PASS
Band12	10MHz	64QAM	23130	1RB#0	20.96	0.5	19.31	34.8	PASS
Band12	10MHz	64QAM	23130	1RB#24	21.07	0.5	19.42	34.8	PASS
Band12	10MHz	64QAM	23130	1RB#49	21	0.5	19.35	34.8	PASS
Band12	10MHz	64QAM	23130	50RB#0	20.08	0.5	18.43	34.8	PASS
Band12	10MHz	256QAM	23060	1RB#0	17.97	0.5	16.32	34.8	PASS
Band12	10MHz	256QAM	23060	1RB#24	17.91	0.5	16.26	34.8	PASS
Band12	10MHz	256QAM	23060	1RB#49	18.06	0.5	16.41	34.8	PASS
Band12	10MHz	256QAM	23060	50RB#0	18.02	0.5	16.37	34.8	PASS
Band12	10MHz	256QAM	23095	1RB#0	17.85	0.5	16.2	34.8	PASS
Band12	10MHz	256QAM	23095	1RB#24	18.06	0.5	16.41	34.8	PASS
Band12	10MHz	256QAM	23095	1RB#49	17.77	0.5	16.12	34.8	PASS
Band12	10MHz	256QAM	23095	50RB#0	17.99	0.5	16.34	34.8	PASS
Band12	10MHz	256QAM	23130	1RB#0	18.03	0.5	16.38	34.8	PASS
Band12	10MHz	256QAM	23130	1RB#24	18.03	0.5	16.38	34.8	PASS
Band12	10MHz	256QAM	23130	1RB#49	17.77	0.5	16.12	34.8	PASS
Band12	10MHz	256QAM	23130	50RB#0	18.03	0.5	16.38	34.8	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.16	0.5	20.51	34.8	PASS
Band12	10MHz	16QAM	23060	1RB#24	21.88	0.5	20.23	34.8	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.02	0.5	20.37	34.8	PASS
Band12	10MHz	16QAM	23060	50RB#0	21	0.5	19.35	34.8	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.95	0.5	20.3	34.8	PASS
Band12	10MHz	16QAM	23095	1RB#24	21.84	0.5	20.19	34.8	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.71	0.5	20.06	34.8	PASS
Band12	10MHz	16QAM	23095	50RB#0	20.92	0.5	19.27	34.8	PASS
Band12	10MHz	16QAM	23130	1RB#0	21.79	0.5	20.14	34.8	PASS
Band12	10MHz	16QAM	23130	1RB#24	21.88	0.5	20.23	34.8	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.99	0.5	20.34	34.8	PASS
Band12	10MHz	16QAM	23130	50RB#0	20.99	0.5	19.34	34.8	PASS

Peak-to-Average Ratio(CCDF)

Test Result

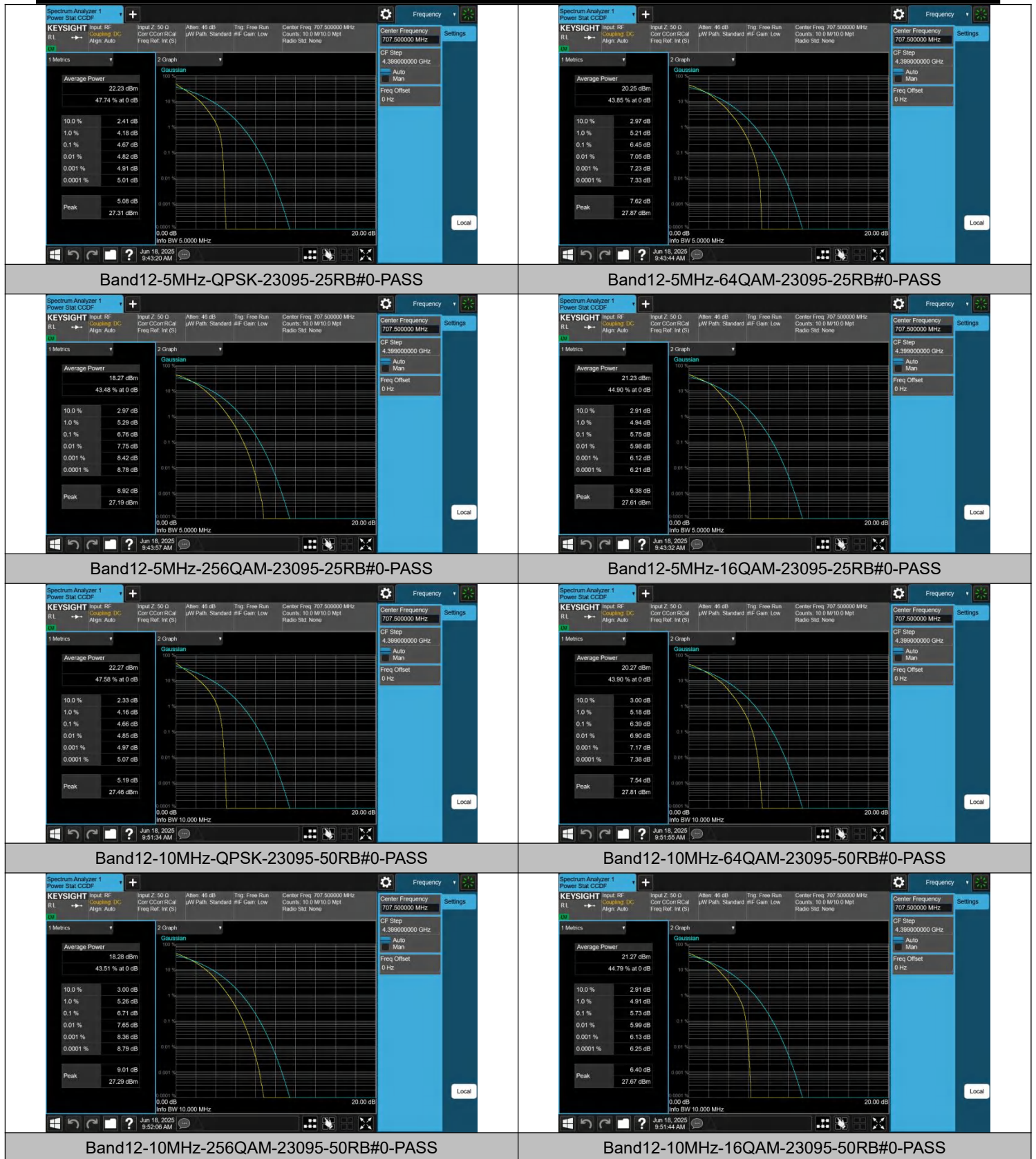
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23095	6RB#0	4.62	13	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	6.50	13	PASS
Band12	1.4MHz	256QAM	23095	6RB#0	6.91	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.85	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	4.60	13	PASS
Band12	3MHz	64QAM	23095	15RB#0	6.50	13	PASS
Band12	3MHz	256QAM	23095	15RB#0	6.81	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.94	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.67	13	PASS
Band12	5MHz	64QAM	23095	25RB#0	6.45	13	PASS
Band12	5MHz	256QAM	23095	25RB#0	6.76	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	5.75	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	4.66	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	6.39	13	PASS
Band12	10MHz	256QAM	23095	50RB#0	6.71	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.73	13	PASS

Test Graphs



Band12-3MHz-256QAM-23095-15RB#0-PASS

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

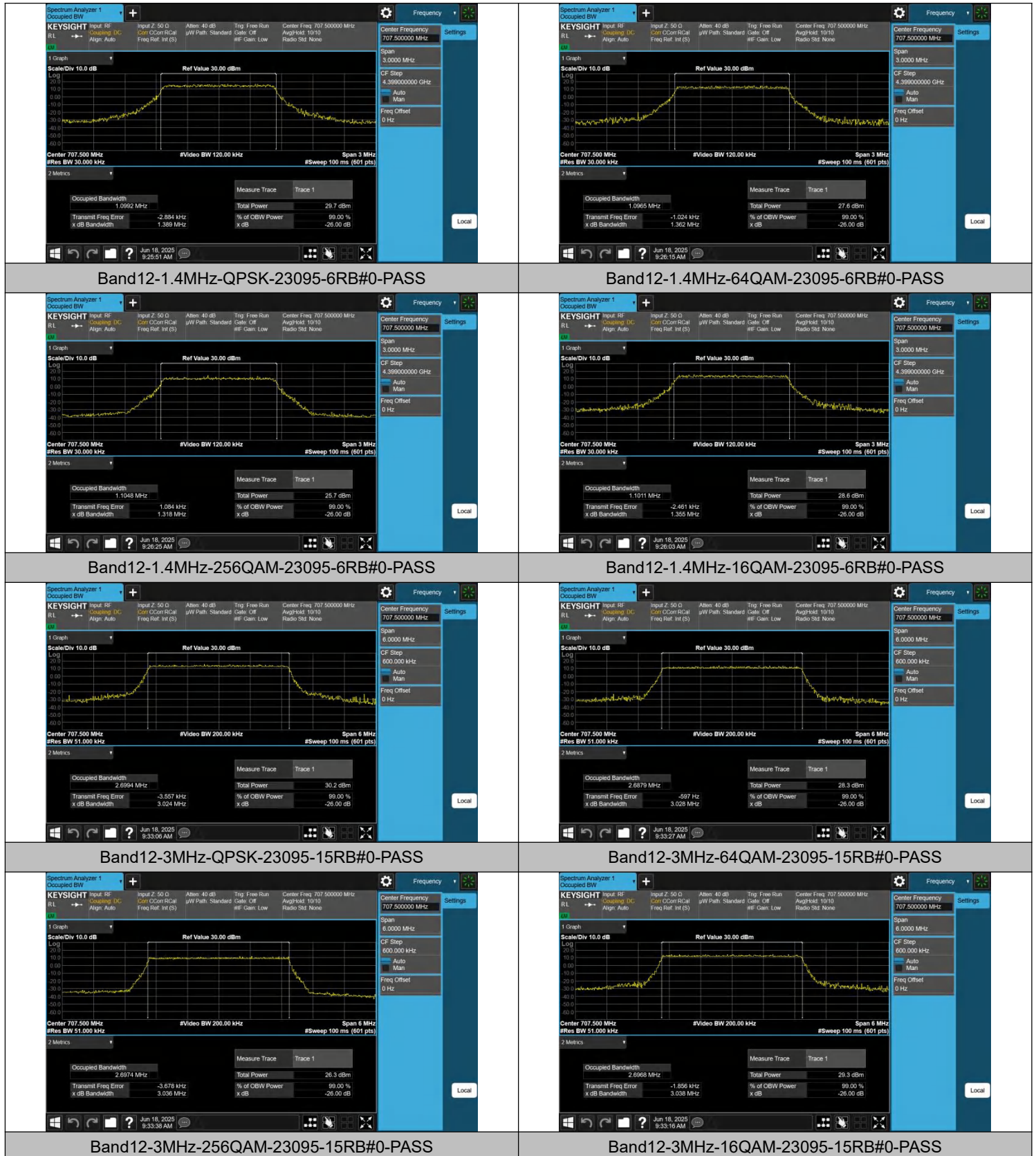


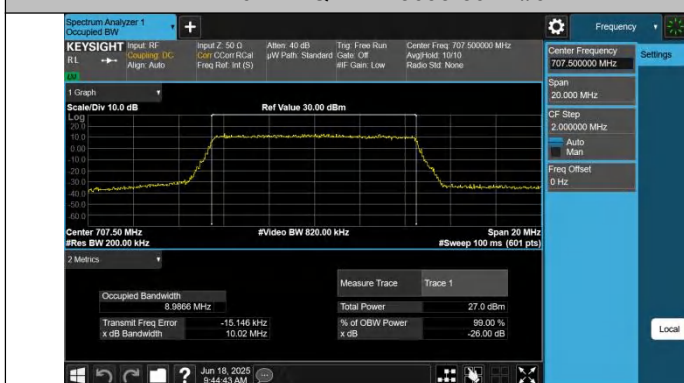
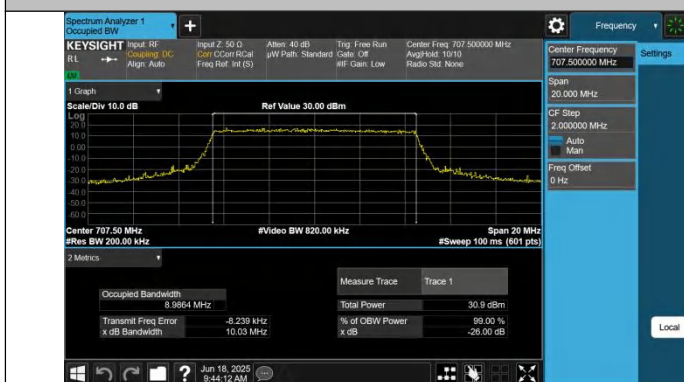
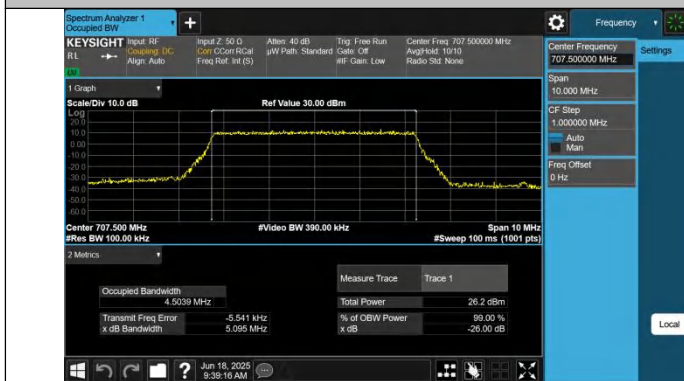
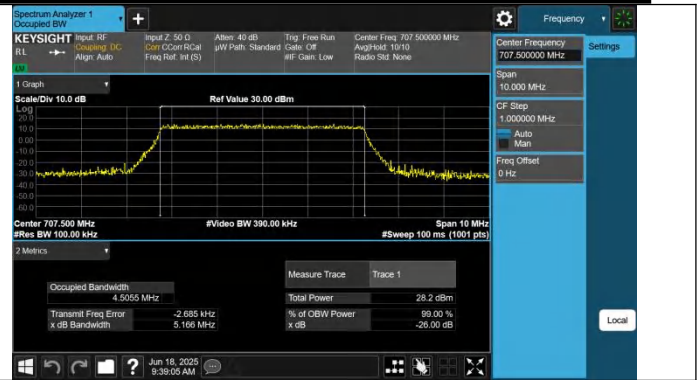
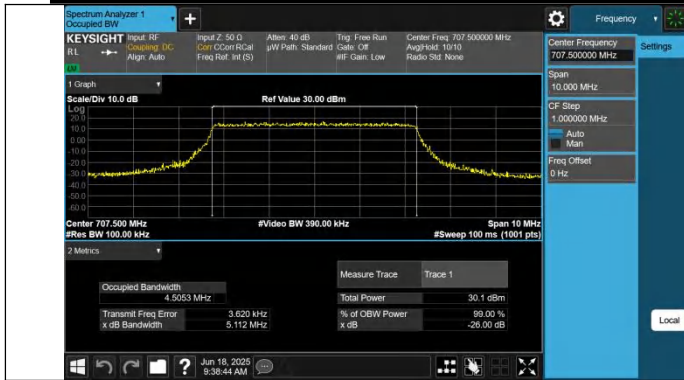
26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23095	6RB#0	1.0992	1.389	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.0965	1.362	PASS
Band12	1.4MHz	256QAM	23095	6RB#0	1.1048	1.318	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1011	1.355	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6994	3.024	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.6879	3.028	PASS
Band12	3MHz	256QAM	23095	15RB#0	2.6974	3.036	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6968	3.038	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5053	5.112	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.5055	5.166	PASS
Band12	5MHz	256QAM	23095	25RB#0	4.5039	5.095	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5038	5.009	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9864	10.03	PASS
Band12	10MHz	64QAM	23095	50RB#0	8.9811	9.974	PASS
Band12	10MHz	256QAM	23095	50RB#0	8.9866	10.02	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9872	9.938	PASS

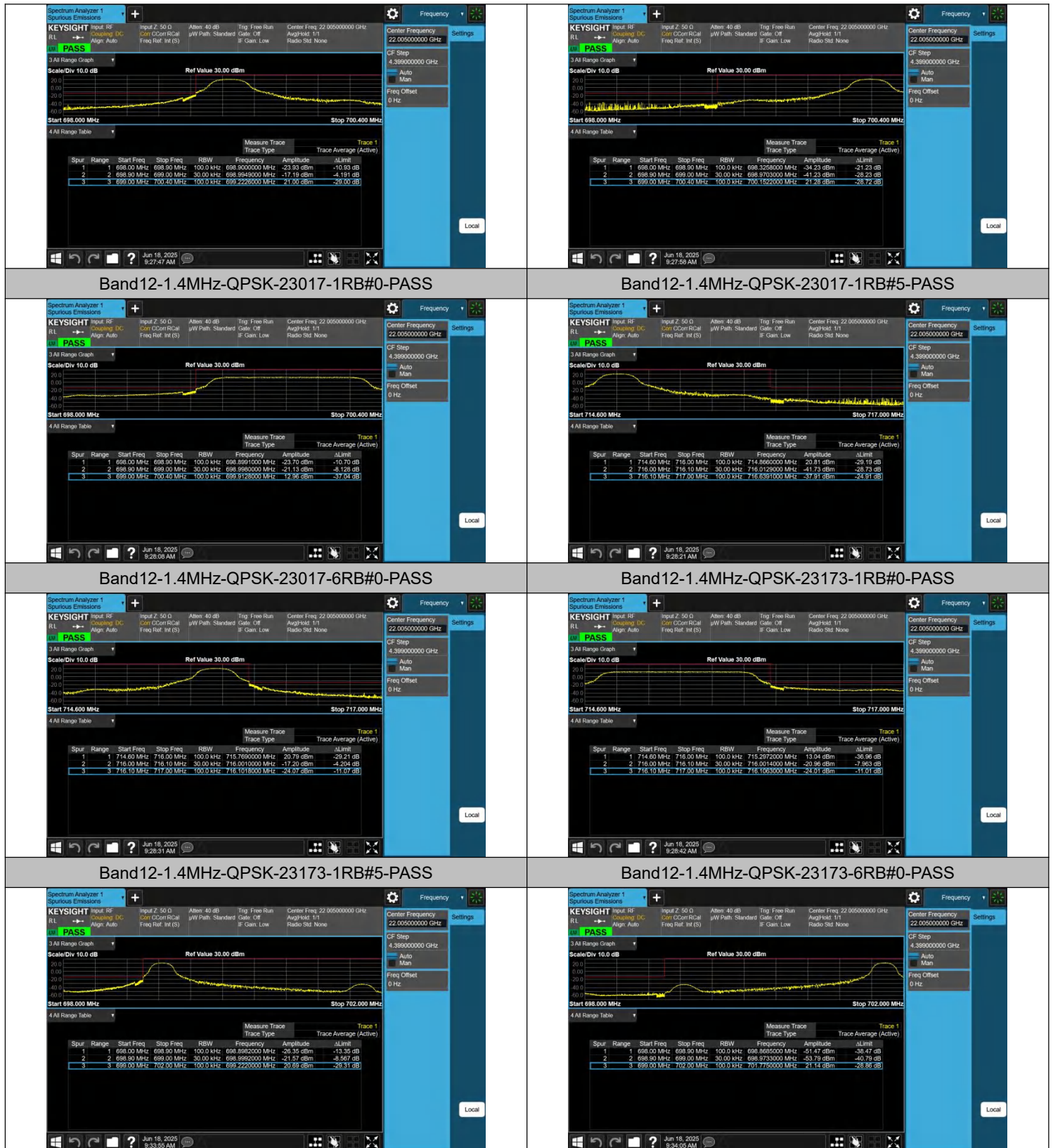
Test Graphs



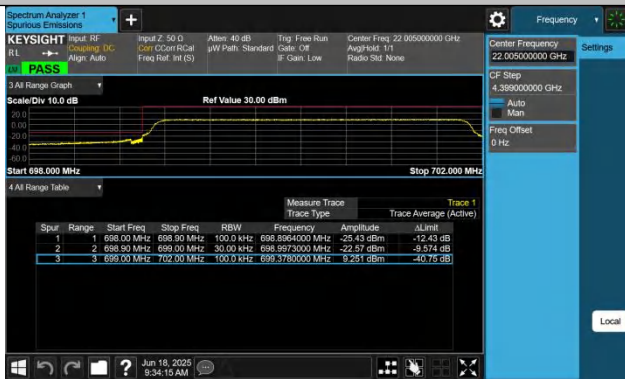


Band Edge

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



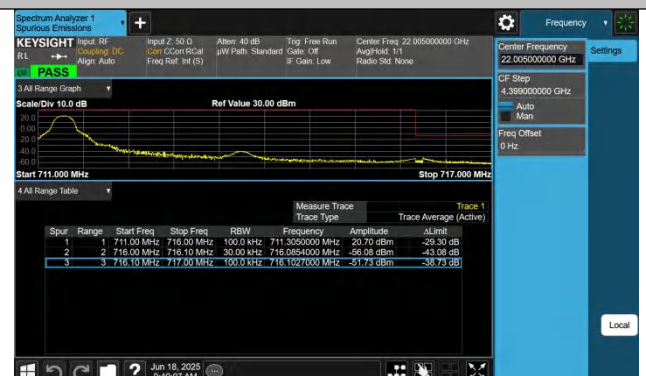
Band12-3MHz-QPSK-23165-15RB#0-PASS



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

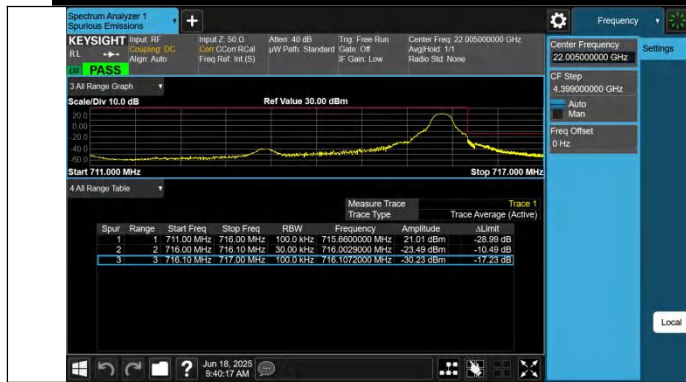


Band12-5MHz-QPSK-23035-1RB#24-PASS



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



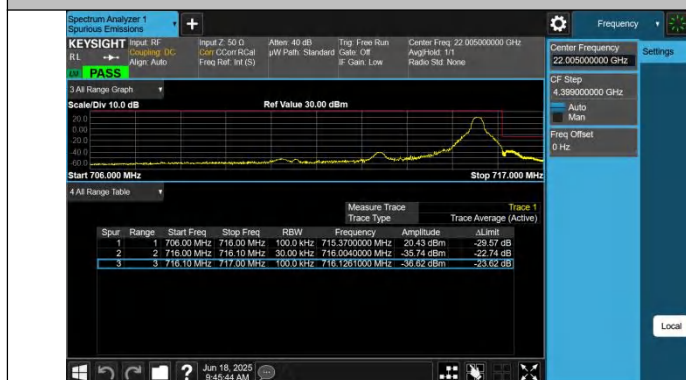
Band12-10MHz-QPSK-23060-1RB#49-PASS



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



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



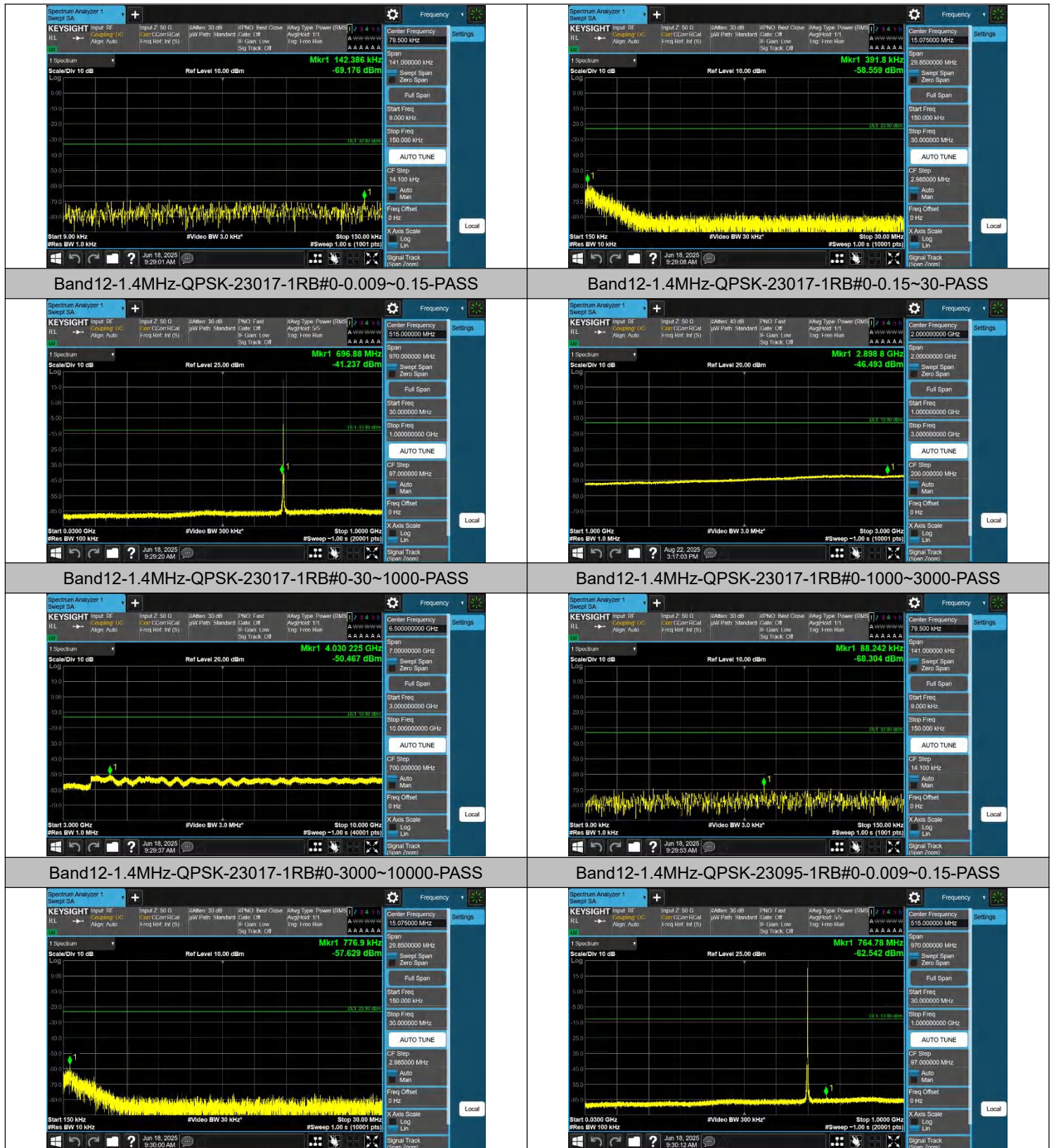
Band12-10MHz-QPSK-23130-1RB#49-PASS



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

Conducted Spurious Emission

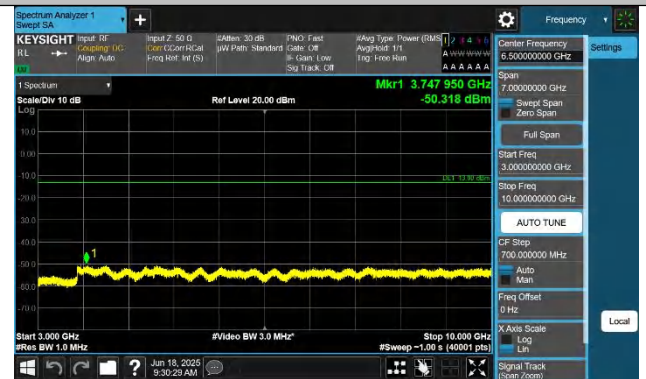
Test Graphs



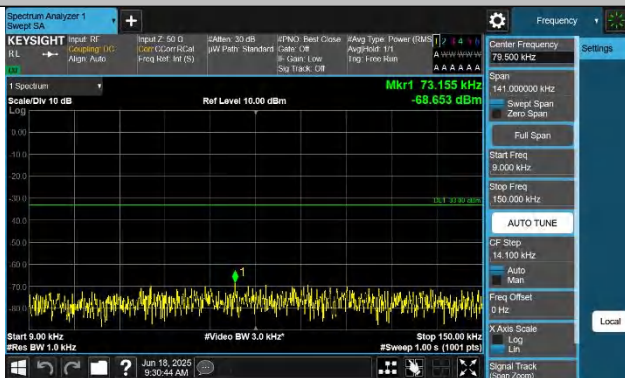
Band12-1.4MHz-QPSK-23095-1RB#0-0.15~30-PASS



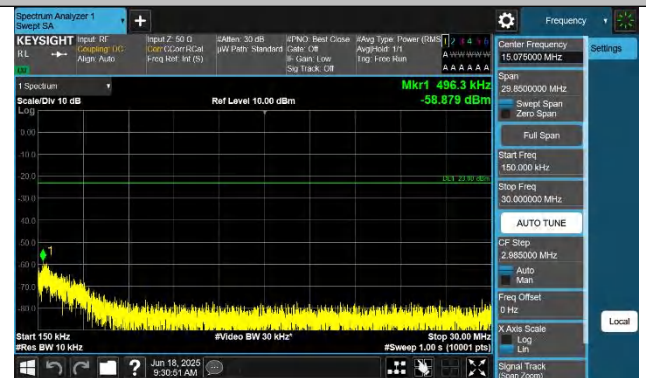
Band12-1.4MHz-QPSK-23095-1RB#0-30~1000-PASS



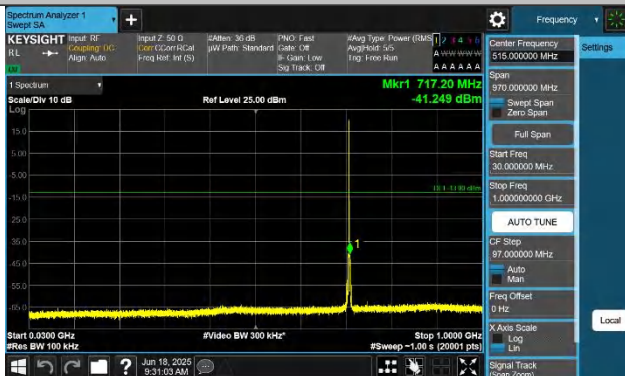
Band12-1.4MHz-QPSK-23095-1RB#0-1000~3000-PASS



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



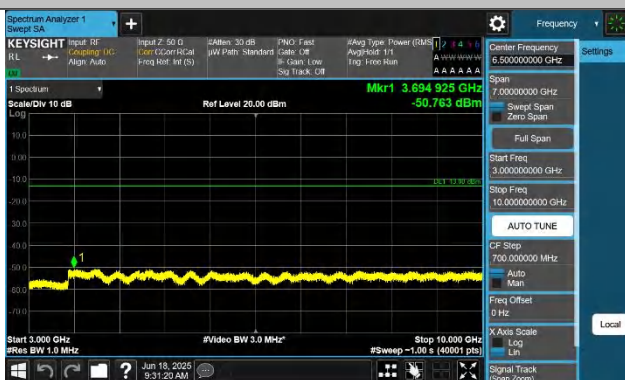
Band12-1.4MHz-QPSK-23173-1RB#0-0.009~0.15-PASS



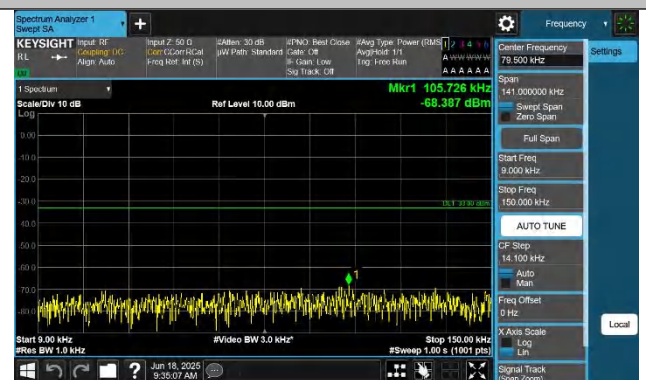
Band12-1.4MHz-QPSK-23173-1RB#0-0.15~30-PASS



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

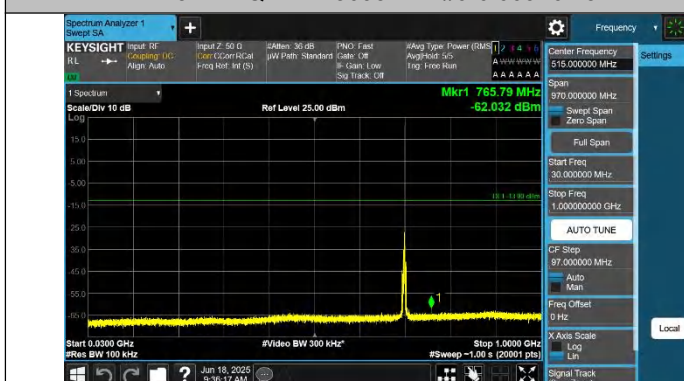
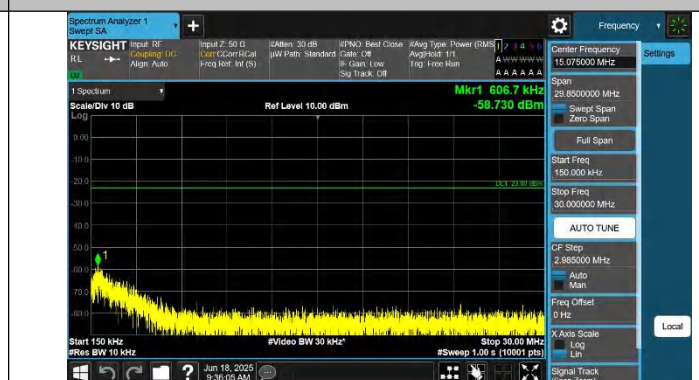
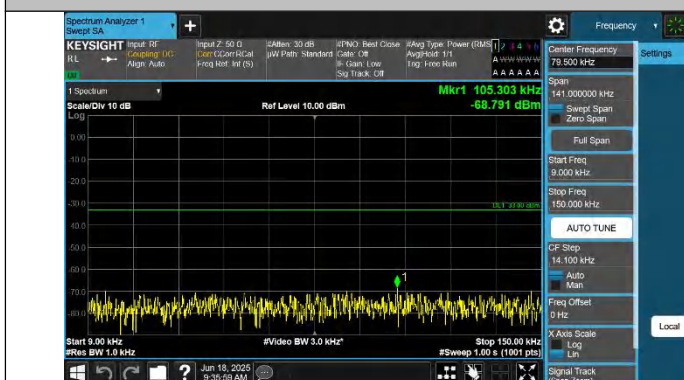
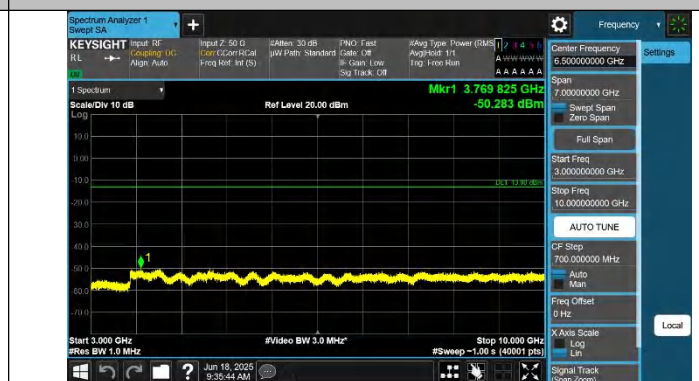
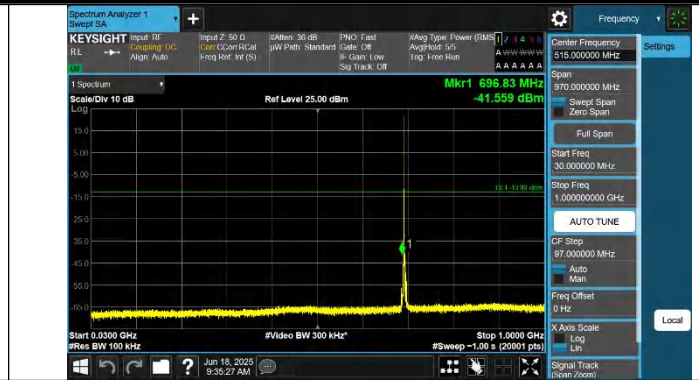


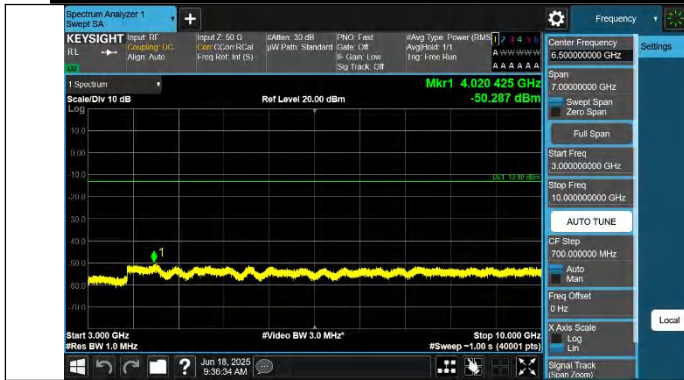
Band12-1.4MHz-QPSK-23173-1RB#0-1000~3000-PASS



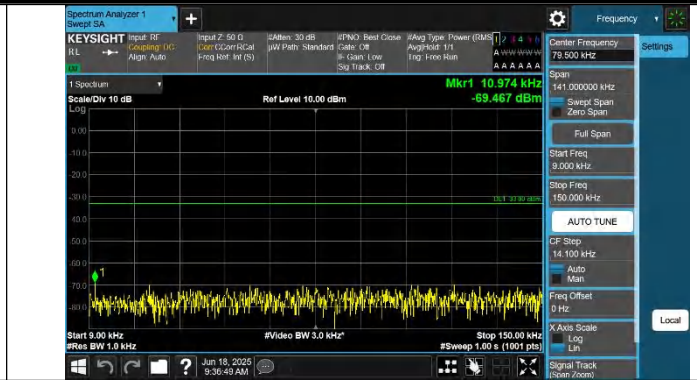
Band12-1.4MHz-QPSK-23173-1RB#0-3000~10000-PASS

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

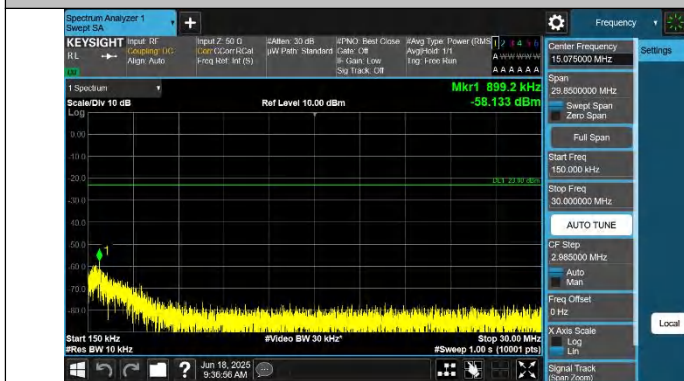




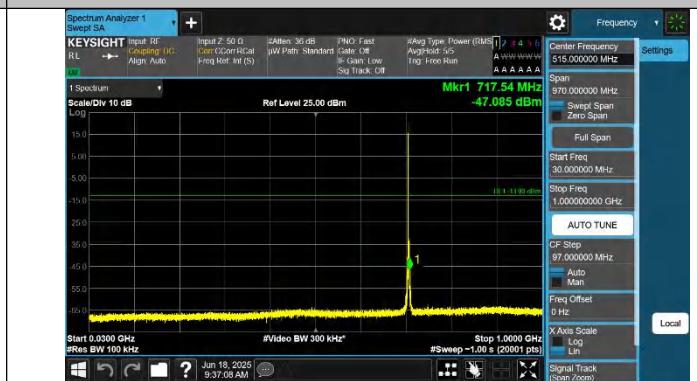
Band12-3MHz-QPSK-23095-1RB#0-3000~10000-PASS



Band12-3MHz-QPSK-23165-1RB#0-0.009~0.15-PASS



Band12-3MHz-QPSK-23165-1RB#0-0.15~30-PASS



Band12-3MHz-QPSK-23165-1RB#0-30~1000-PASS



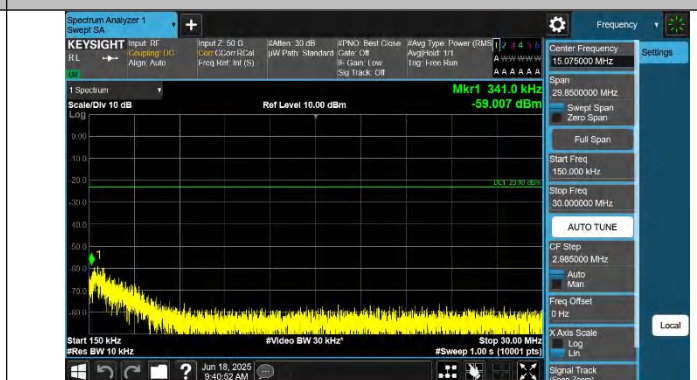
Band12-3MHz-QPSK-23165-1RB#0-1000~3000-PASS



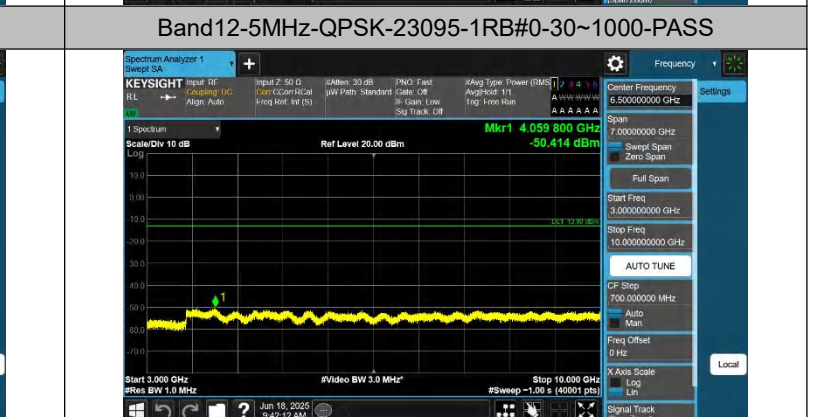
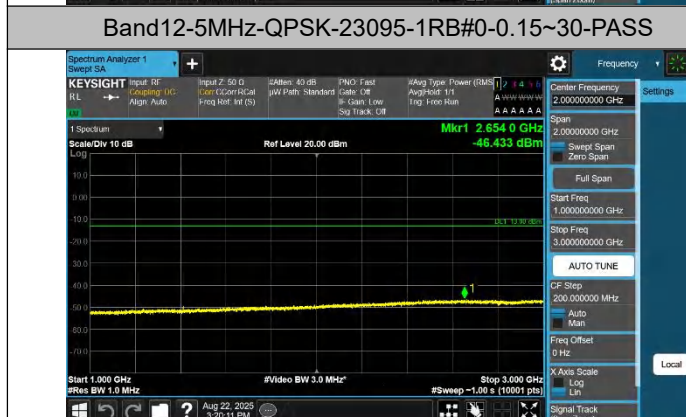
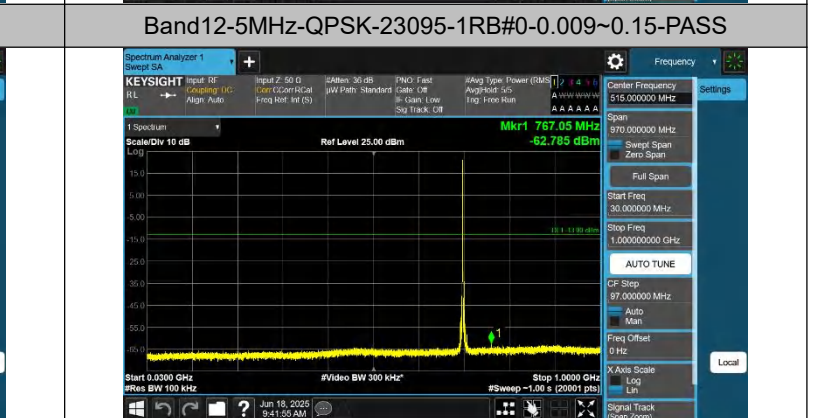
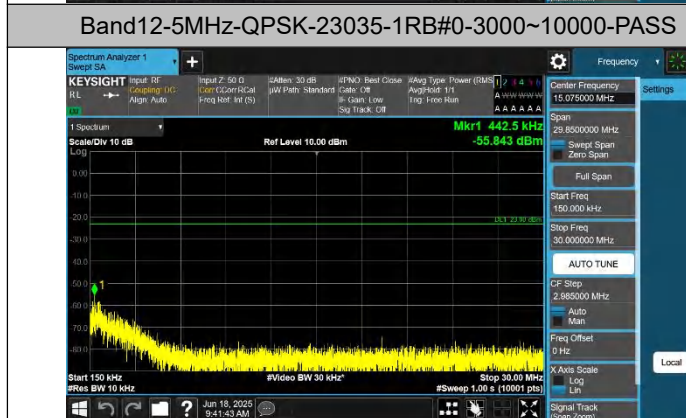
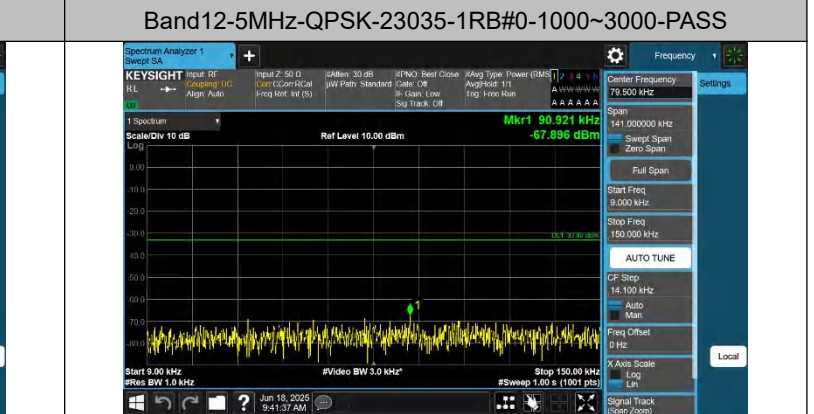
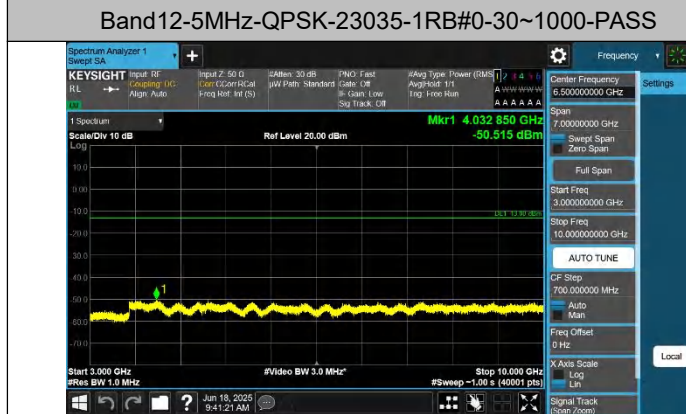
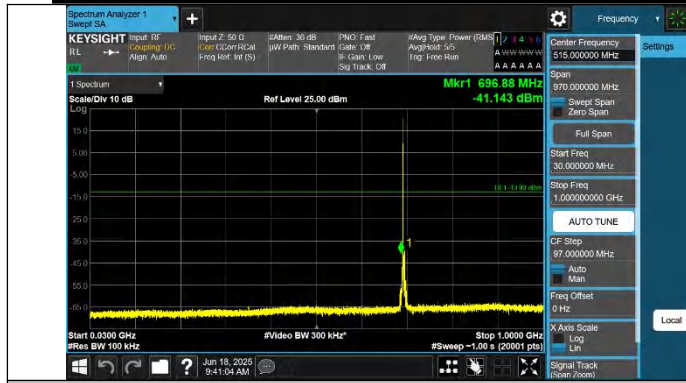
Band12-3MHz-QPSK-23165-1RB#0-3000~10000-PASS



Band12-5MHz-QPSK-23035-1RB#0-0.009~0.15-PASS



Band12-5MHz-QPSK-23035-1RB#0-0.15~30-PASS

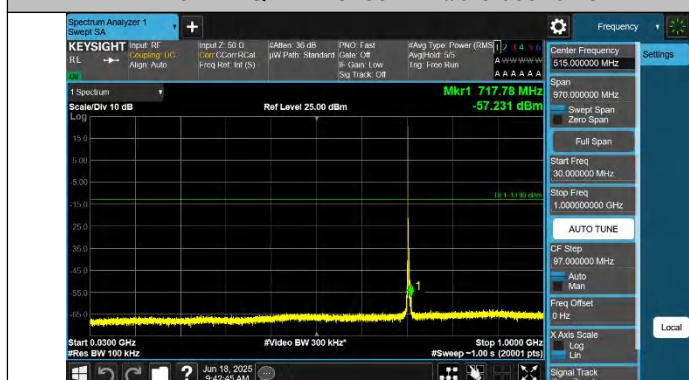




Band12-5MHz-QPSK-23155-1RB#0-0.009~0.15-PASS



Band12-5MHz-QPSK-23155-1RB#0-0.15~30-PASS



Band12-5MHz-QPSK-23155-1RB#0-30~1000-PASS



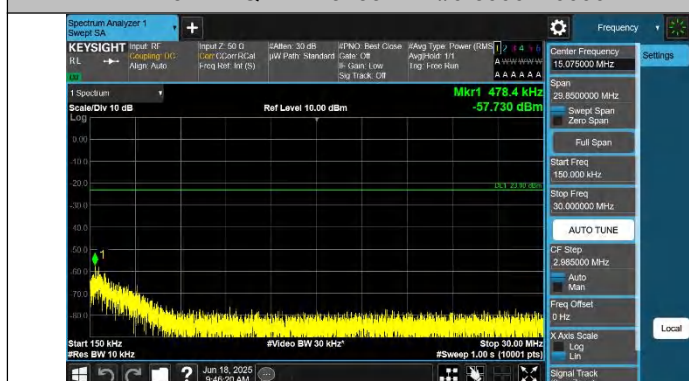
Band12-5MHz-QPSK-23155-1RB#0-1000~3000-PASS



Band12-5MHz-QPSK-23155-1RB#0-3000~10000-PASS



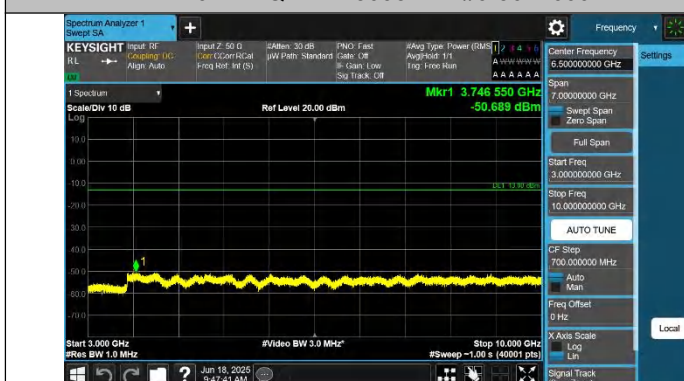
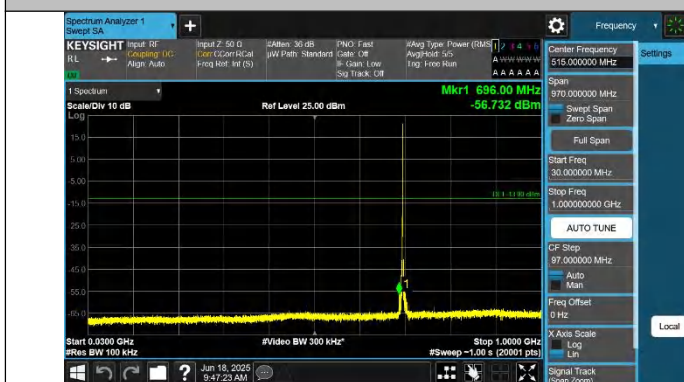
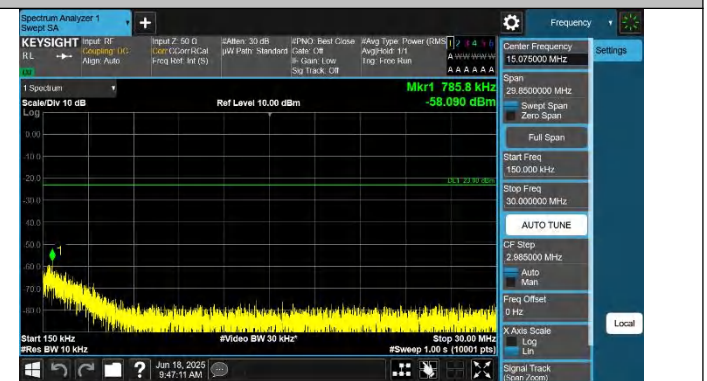
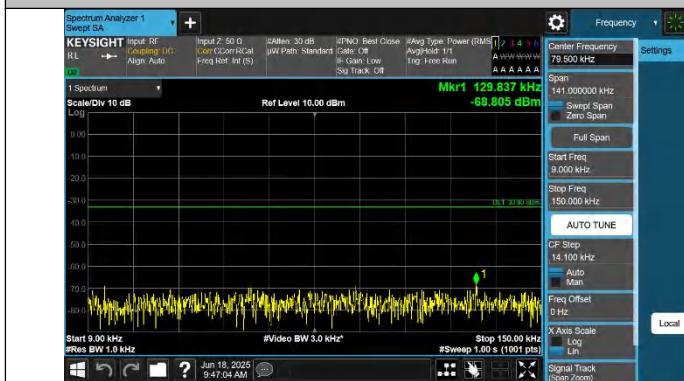
Band12-10MHz-QPSK-23060-1RB#0-0.009~0.15-PASS



Band12-10MHz-QPSK-23060-1RB#0-0.15~30-PASS

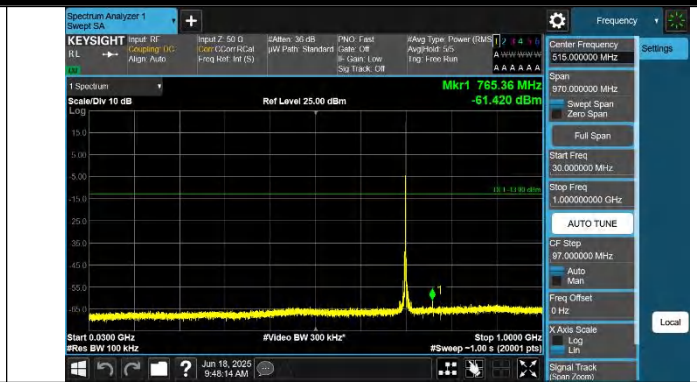


Band12-10MHz-QPSK-23060-1RB#0-30~1000-PASS





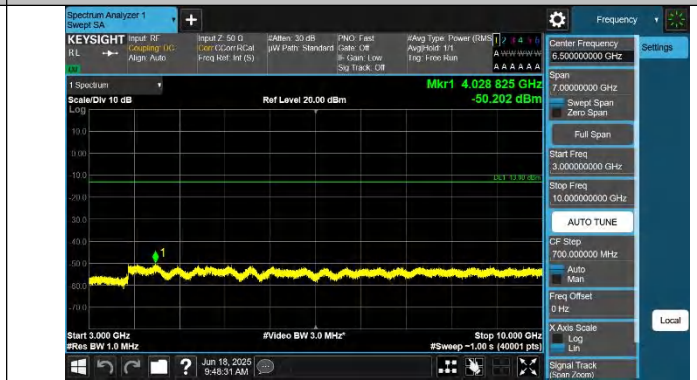
Band12-10MHz-QPSK-23130-1RB#0-0.15~30-PASS



Band12-10MHz-QPSK-23130-1RB#0-30~1000-PASS



Band12-10MHz-QPSK-23130-1RB#0-1000~3000-PASS



Band12-10MHz-QPSK-23130-1RB#0-3000~10000-PASS

Frequency Stability

Test Result

Voltage													
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band 12	10MHz	QPSK	23095	50RB#0	VN	NT	-11040.00	-15.604240	±NA	703.02306	711.95486	699-716	PASS
Band 12	10MHz	QPSK	23095	50RB#0	VL	NT	-4560.00	-6.445230	±NA	703.03069	711.96019	699-716	PASS
Band 12	10MHz	QPSK	23095	50RB#0	VH	NT	150.00	0.212014	±NA	703.0227	711.9776	699-716	PASS

Temperature													
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band 12	10MHz	QPSK	23095	50RB#0	NV	-30	-2150.00	-3.038869	±NA	703.02815	711.96755	699-716	PASS
Band 12	10MHz	QPSK	23095	50RB#0	NV	-20	-10360.00	-14.643110	±NA	703.01934	711.95994	699-716	PASS
Band 12	10MHz	QPSK	23095	50RB#0	NV	-10	-6300.00	-8.904594	±NA	703.0194	711.968	699-716	PASS
Band 12	10MHz	QPSK	23095	50RB#0	NV	0	-8400.00	-11.872792	±NA	703.0212	711.962	699-716	PASS
Band 12	10MHz	QPSK	23095	50RB#0	NV	10	2450.00	3.462898	±NA	703.02665	711.97825	699-716	PASS
Band 12	10MHz	QPSK	23095	50RB#0	NV	20	1560.00	2.204947	±NA	703.02591	711.97721	699-716	PASS
Band 12	10MHz	QPSK	23095	50RB#0	NV	30	-1980.00	-2.798587	±NA	703.02512	711.97092	699-716	PASS
Band 12	10MHz	QPSK	23095	50RB#0	NV	40	-6310.00	-8.918728	±NA	703.02189	711.96549	699-716	PASS
Band 12	10MHz	QPSK	23095	50RB#0	NV	50	-7700.00	-10.883392	±NA	703.01905	711.96555	699-716	PASS

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