

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
Band38	5MHz	QPSK	37775	1RB#0	23.07	2.06	25.13	33	PASS
Band38	5MHz	QPSK	37775	1RB#12	22.6	2.06	24.66	33	PASS
Band38	5MHz	QPSK	37775	1RB#24	23.12	2.06	25.18	33	PASS
Band38	5MHz	QPSK	37775	25RB#0	21.76	2.06	23.82	33	PASS
Band38	5MHz	QPSK	38000	1RB#0	23.36	2.06	25.42	33	PASS
Band38	5MHz	QPSK	38000	1RB#12	23.01	2.06	25.07	33	PASS
Band38	5MHz	QPSK	38000	1RB#24	23.58	2.06	25.64	33	PASS
Band38	5MHz	QPSK	38000	25RB#0	21.93	2.06	23.99	33	PASS
Band38	5MHz	QPSK	38225	1RB#0	23.57	2.06	25.63	33	PASS
Band38	5MHz	QPSK	38225	1RB#12	22.94	2.06	25	33	PASS
Band38	5MHz	QPSK	38225	1RB#24	23.29	2.06	25.35	33	PASS
Band38	5MHz	QPSK	38225	25RB#0	22	2.06	24.06	33	PASS
Band38	5MHz	16QAM	37775	1RB#0	22.19	2.06	24.25	33	PASS
Band38	5MHz	16QAM	37775	1RB#12	21.7	2.06	23.76	33	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.28	2.06	24.34	33	PASS
Band38	5MHz	16QAM	37775	25RB#0	20.71	2.06	22.77	33	PASS
Band38	5MHz	16QAM	38000	1RB#0	22.33	2.06	24.39	33	PASS
Band38	5MHz	16QAM	38000	1RB#12	22	2.06	24.06	33	PASS
Band38	5MHz	16QAM	38000	1RB#24	22.48	2.06	24.54	33	PASS
Band38	5MHz	16QAM	38000	25RB#0	20.91	2.06	22.97	33	PASS
Band38	5MHz	16QAM	38225	1RB#0	22.84	2.06	24.9	33	PASS
Band38	5MHz	16QAM	38225	1RB#12	22.32	2.06	24.38	33	PASS
Band38	5MHz	16QAM	38225	1RB#24	22.67	2.06	24.73	33	PASS
Band38	5MHz	16QAM	38225	25RB#0	20.99	2.06	23.05	33	PASS
Band38	10MHz	QPSK	37800	1RB#0	23.51	2.06	25.57	33	PASS
Band38	10MHz	QPSK	37800	1RB#24	23.17	2.06	25.23	33	PASS
Band38	10MHz	QPSK	37800	1RB#49	23.11	2.06	25.17	33	PASS
Band38	10MHz	QPSK	37800	50RB#0	21.98	2.06	24.04	33	PASS
Band38	10MHz	QPSK	38000	1RB#0	23.63	2.06	25.69	33	PASS
Band38	10MHz	QPSK	38000	1RB#24	23.34	2.06	25.4	33	PASS
Band38	10MHz	QPSK	38000	1RB#49	23.32	2.06	25.38	33	PASS
Band38	10MHz	QPSK	38000	50RB#0	22.25	2.06	24.31	33	PASS
Band38	10MHz	QPSK	38200	1RB#0	23.76	2.06	25.82	33	PASS
Band38	10MHz	QPSK	38200	1RB#24	23.29	2.06	25.35	33	PASS

Band38	10MHz	QPSK	38200	1RB#49	23.35	2.06	25.41	33	PASS
Band38	10MHz	QPSK	38200	50RB#0	22.21	2.06	24.27	33	PASS
Band38	10MHz	16QAM	37800	27RB#0	21.67	2.06	23.73	33	PASS
Band38	10MHz	16QAM	38000	27RB#0	21.66	2.06	23.72	33	PASS
Band38	10MHz	16QAM	38200	27RB#0	21.68	2.06	23.74	33	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.65	2.06	24.71	33	PASS
Band38	10MHz	16QAM	37800	1RB#24	22.28	2.06	24.34	33	PASS
Band38	10MHz	16QAM	37800	1RB#49	22.32	2.06	24.38	33	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.22	2.06	24.28	33	PASS
Band38	10MHz	16QAM	38000	1RB#24	21.92	2.06	23.98	33	PASS
Band38	10MHz	16QAM	38000	1RB#49	21.94	2.06	24	33	PASS
Band38	10MHz	16QAM	38200	1RB#0	22.63	2.06	24.69	33	PASS
Band38	10MHz	16QAM	38200	1RB#24	22.14	2.06	24.2	33	PASS
Band38	10MHz	16QAM	38200	1RB#49	22.29	2.06	24.35	33	PASS
Band38	15MHz	QPSK	37825	1RB#0	23.41	2.06	25.47	33	PASS
Band38	15MHz	QPSK	37825	1RB#38	23.05	2.06	25.11	33	PASS
Band38	15MHz	QPSK	37825	1RB#74	23.12	2.06	25.18	33	PASS
Band38	15MHz	QPSK	37825	75RB#0	22.09	2.06	24.15	33	PASS
Band38	15MHz	QPSK	38000	1RB#0	23.7	2.06	25.76	33	PASS
Band38	15MHz	QPSK	38000	1RB#38	23.15	2.06	25.21	33	PASS
Band38	15MHz	QPSK	38000	1RB#74	23.17	2.06	25.23	33	PASS
Band38	15MHz	QPSK	38000	75RB#0	22.26	2.06	24.32	33	PASS
Band38	15MHz	QPSK	38175	1RB#0	23.7	2.06	25.76	33	PASS
Band38	15MHz	QPSK	38175	1RB#38	23.13	2.06	25.19	33	PASS
Band38	15MHz	QPSK	38175	1RB#74	23.48	2.06	25.54	33	PASS
Band38	15MHz	QPSK	38175	75RB#0	22.27	2.06	24.33	33	PASS
Band38	15MHz	16QAM	37825	27RB#0	21.71	2.06	23.77	33	PASS
Band38	15MHz	16QAM	38000	27RB#0	21.75	2.06	23.81	33	PASS
Band38	15MHz	16QAM	38175	27RB#0	21.85	2.06	23.91	33	PASS
Band38	15MHz	16QAM	37825	1RB#0	22.57	2.06	24.63	33	PASS
Band38	15MHz	16QAM	37825	1RB#38	22.16	2.06	24.22	33	PASS
Band38	15MHz	16QAM	37825	1RB#74	22.3	2.06	24.36	33	PASS
Band38	15MHz	16QAM	38000	1RB#0	22.83	2.06	24.89	33	PASS
Band38	15MHz	16QAM	38000	1RB#38	22.25	2.06	24.31	33	PASS
Band38	15MHz	16QAM	38000	1RB#74	22.35	2.06	24.41	33	PASS
Band38	15MHz	16QAM	38175	1RB#0	22.41	2.06	24.47	33	PASS
Band38	15MHz	16QAM	38175	1RB#38	21.95	2.06	24.01	33	PASS
Band38	15MHz	16QAM	38175	1RB#74	22.23	2.06	24.29	33	PASS
Band38	20MHz	QPSK	37850	1RB#0	23.75	2.06	25.81	33	PASS
Band38	20MHz	QPSK	37850	1RB#49	23.28	2.06	25.34	33	PASS

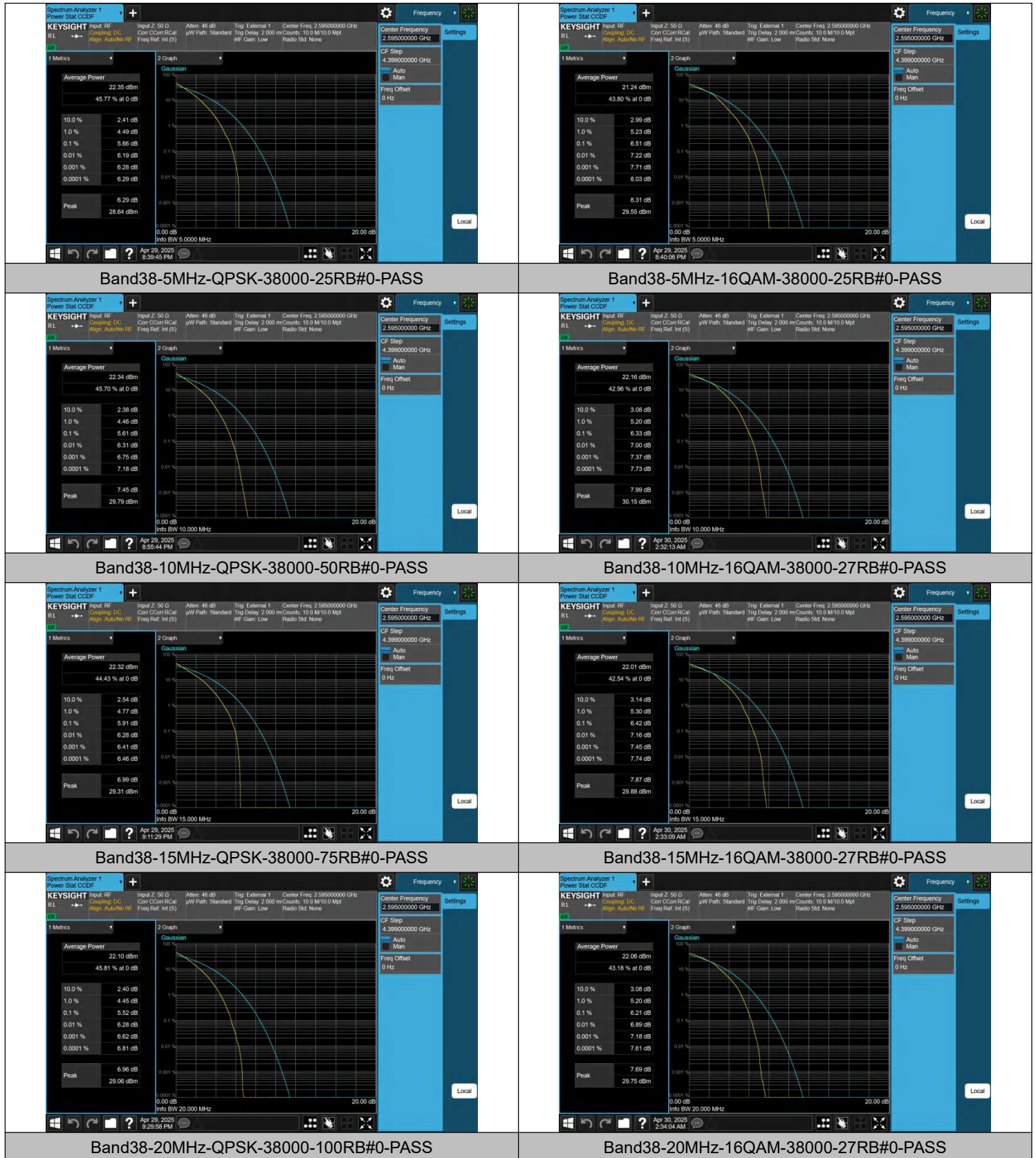
Band38	20MHz	QPSK	37850	1RB#99	23.11	2.06	25.17	33	PASS
Band38	20MHz	QPSK	37850	100RB#0	21.82	2.06	23.88	33	PASS
Band38	20MHz	QPSK	38000	1RB#0	23.95	2.06	26.01	33	PASS
Band38	20MHz	QPSK	38000	1RB#49	23.44	2.06	25.5	33	PASS
Band38	20MHz	QPSK	38000	1RB#99	23.18	2.06	25.24	33	PASS
Band38	20MHz	QPSK	38000	100RB#0	22.03	2.06	24.09	33	PASS
Band38	20MHz	QPSK	38150	1RB#0	23.58	2.06	25.64	33	PASS
Band38	20MHz	QPSK	38150	1RB#49	23.29	2.06	25.35	33	PASS
Band38	20MHz	QPSK	38150	1RB#99	23.09	2.06	25.15	33	PASS
Band38	20MHz	QPSK	38150	100RB#0	21.93	2.06	23.99	33	PASS
Band38	20MHz	16QAM	37850	27RB#0	21.65	2.06	23.71	33	PASS
Band38	20MHz	16QAM	38000	27RB#0	21.83	2.06	23.89	33	PASS
Band38	20MHz	16QAM	38150	27RB#0	21.88	2.06	23.94	33	PASS
Band38	20MHz	16QAM	37850	1RB#0	22.74	2.06	24.8	33	PASS
Band38	20MHz	16QAM	37850	1RB#49	22.25	2.06	24.31	33	PASS
Band38	20MHz	16QAM	37850	1RB#99	22.11	2.06	24.17	33	PASS
Band38	20MHz	16QAM	38000	1RB#0	22.91	2.06	24.97	33	PASS
Band38	20MHz	16QAM	38000	1RB#49	22.4	2.06	24.46	33	PASS
Band38	20MHz	16QAM	38000	1RB#99	22.18	2.06	24.24	33	PASS
Band38	20MHz	16QAM	38150	1RB#0	22.1	2.06	24.16	33	PASS
Band38	20MHz	16QAM	38150	1RB#49	22.2	2.06	24.26	33	PASS
Band38	20MHz	16QAM	38150	1RB#99	21.64	2.06	23.7	33	PASS

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	38000	25RB#0	5.66	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	6.51	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	5.61	13	PASS
Band38	10MHz	16QAM	38000	27RB#0	6.33	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	5.91	13	PASS
Band38	15MHz	16QAM	38000	27RB#0	6.42	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	5.52	13	PASS
Band38	20MHz	16QAM	38000	27RB#0	6.21	13	PASS

Test Graphs

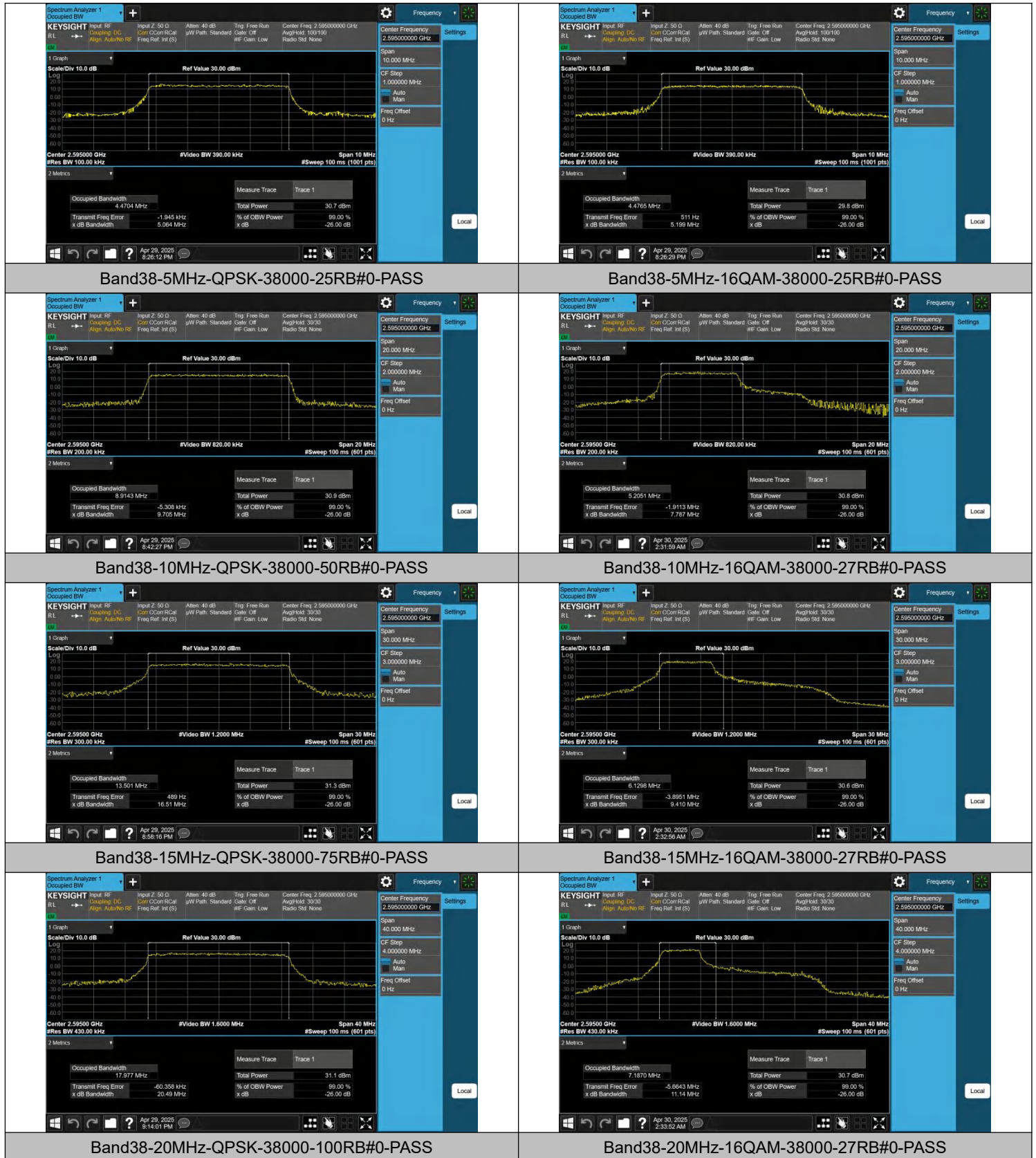


26dB Bandwidth and Occupied Bandwidth

Test Result

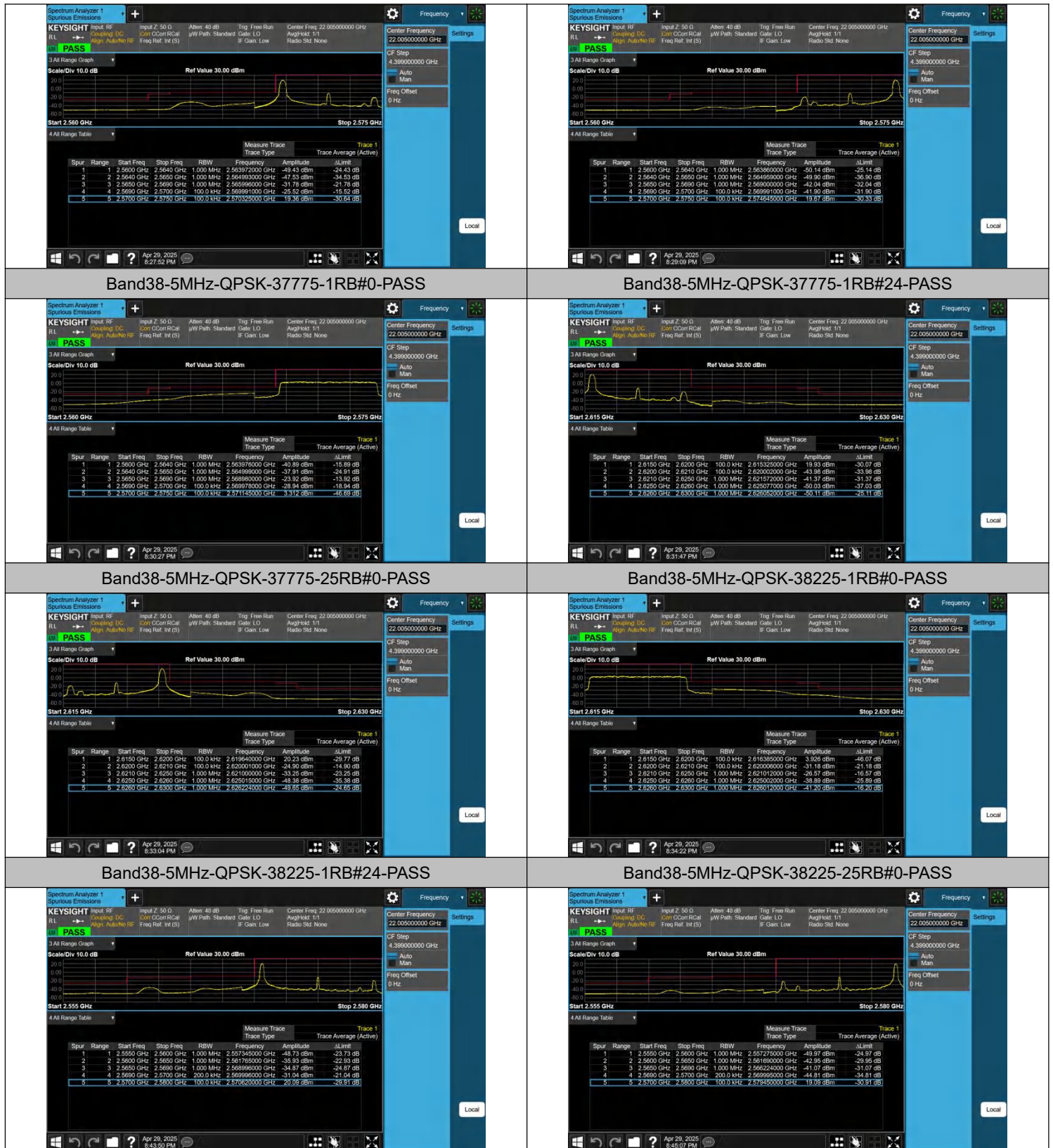
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	38000	25RB#0	4.4704	5.064	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.4765	5.199	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9143	9.705	PASS
Band38	10MHz	16QAM	38000	27RB#0	5.2051	7.787	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.501	16.51	PASS
Band38	15MHz	16QAM	38000	27RB#0	6.1298	9.410	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.977	20.49	PASS
Band38	20MHz	16QAM	38000	27RB#0	7.1870	11.14	PASS

Test Graphs

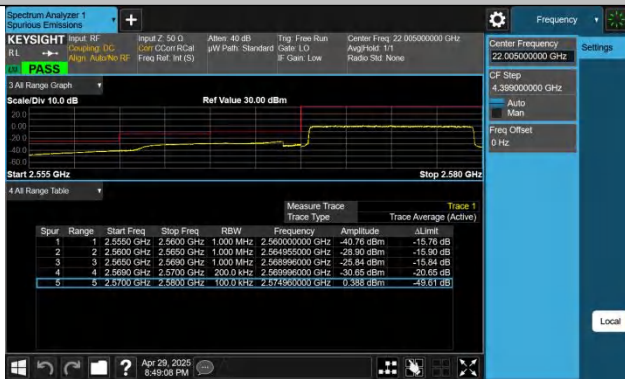


Band Edge

Test Graphs



Band38-10MHz-QPSK-37800-1RB#0-PASS



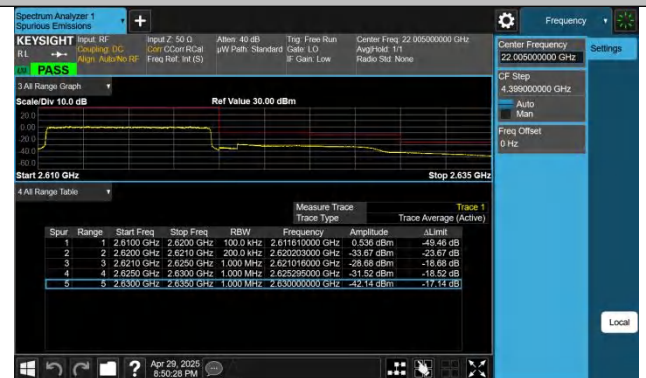
Band38-10MHz-QPSK-37800-1RB#49-PASS



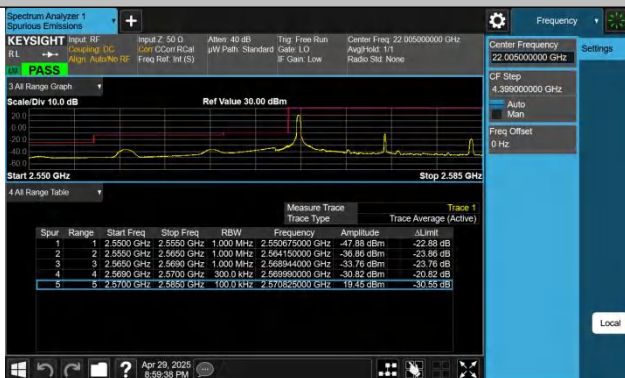
Band38-10MHz-QPSK-37800-50RB#0-PASS



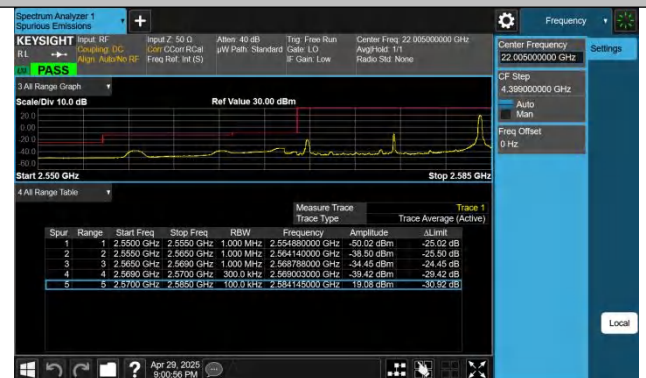
Band38-10MHz-QPSK-38200-1RB#0-PASS



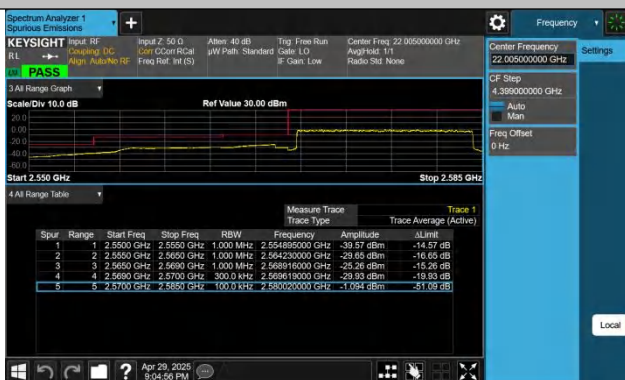
Band38-10MHz-QPSK-38200-1RB#49-PASS



Band38-10MHz-QPSK-38200-50RB#0-PASS



Band38-15MHz-QPSK-37825-1RB#0-PASS



Band38-15MHz-QPSK-37825-1RB#74-PASS



Band38-15MHz-QPSK-37825-75RB#0-PASS

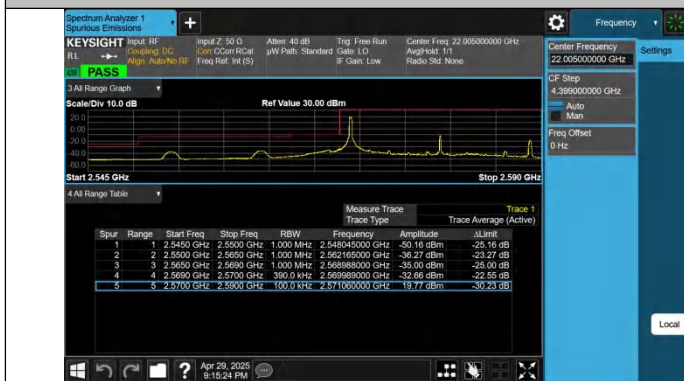
Band38-15MHz-QPSK-38175-1RB#0-PASS



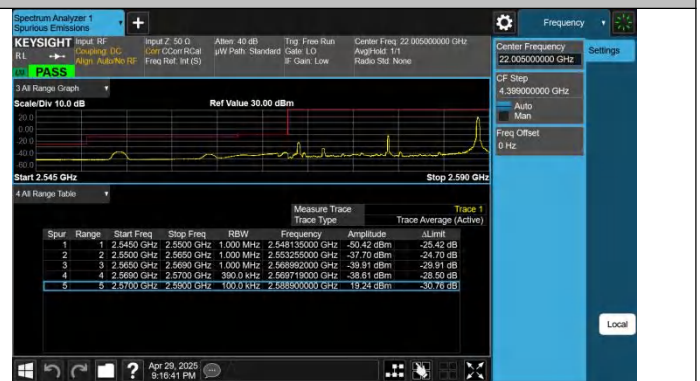
Band38-15MHz-QPSK-38175-1RB#74-PASS



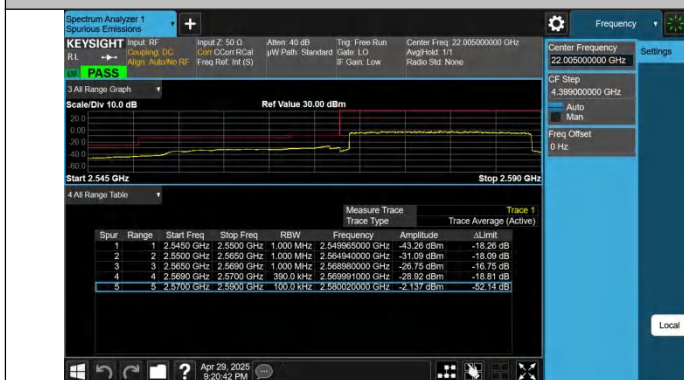
Band38-15MHz-QPSK-38175-75RB#0-PASS



Band38-20MHz-QPSK-37850-1RB#0-PASS



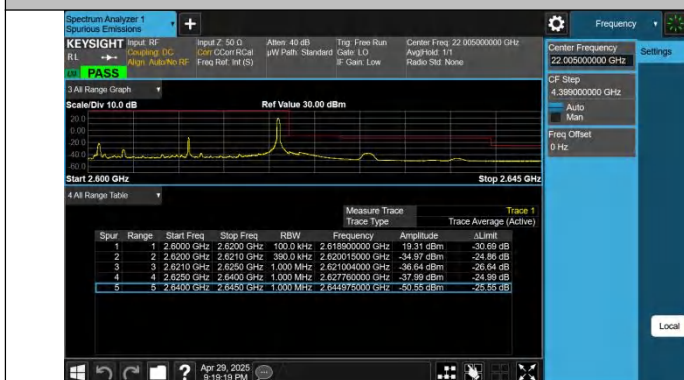
Band38-20MHz-QPSK-37850-1RB#99-PASS



Band38-20MHz-QPSK-37850-100RB#0-PASS



Band38-20MHz-QPSK-38150-1RB#0-PASS



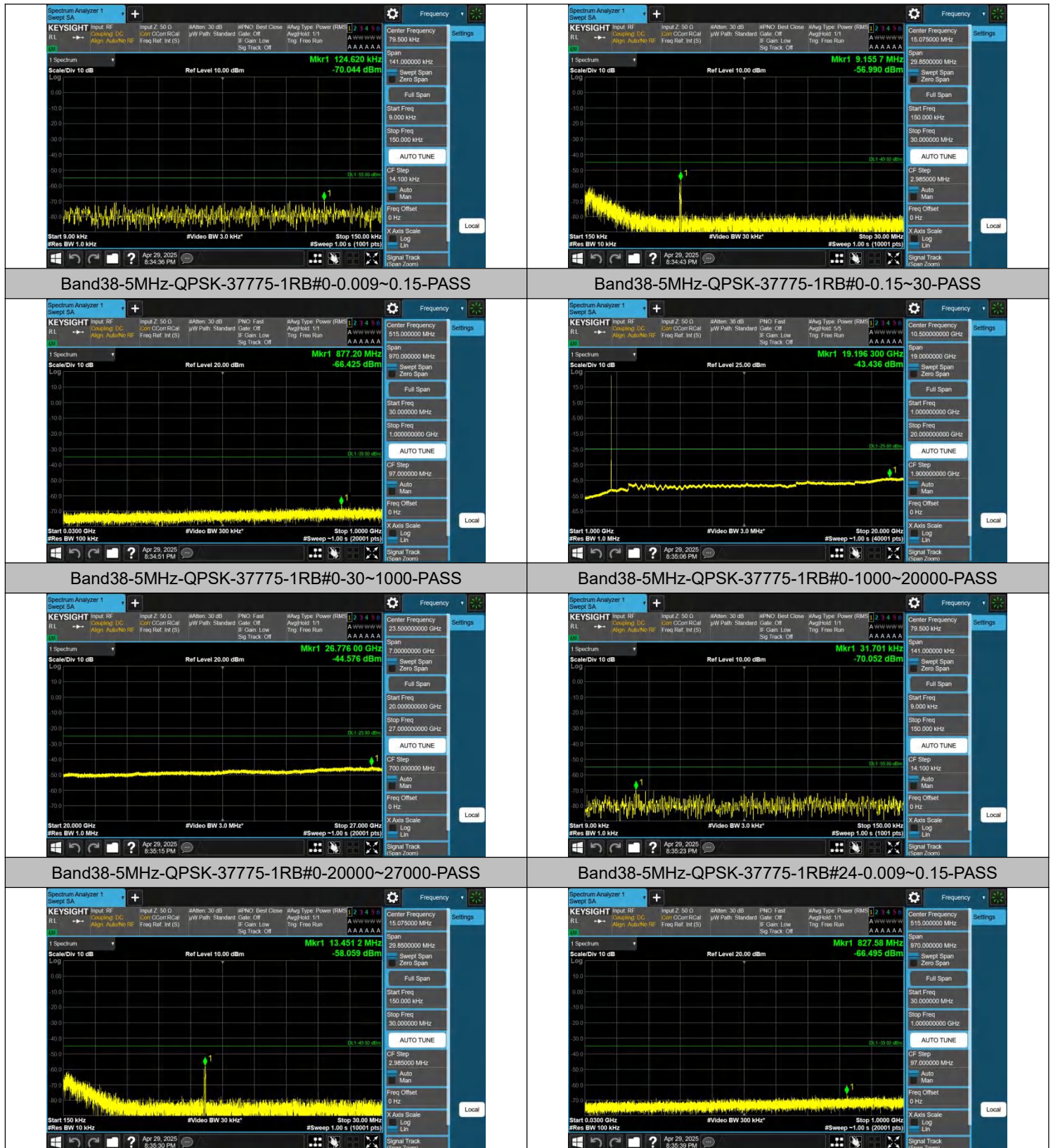
Band38-20MHz-QPSK-38150-1RB#99-PASS



Band38-20MHz-QPSK-38150-100RB#0-PASS

Conducted Spurious Emission

Test Graphs



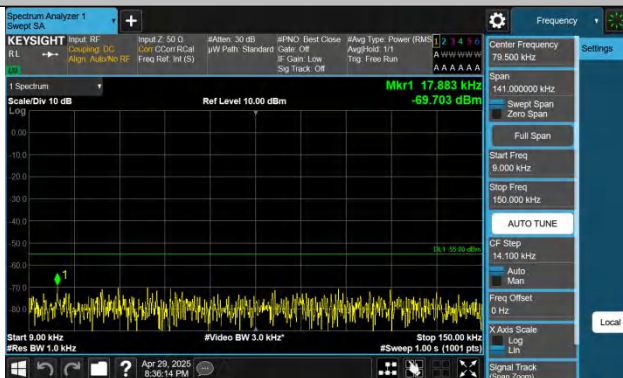
Band38-5MHz-QPSK-37775-1RB#24-0.15~30-PASS



Band38-5MHz-QPSK-37775-1RB#24-30~1000-PASS



Band38-5MHz-QPSK-37775-1RB#24-1000~20000-PASS



Band38-5MHz-QPSK-37775-1RB#24-20000~27000-PASS



Band38-5MHz-QPSK-38000-1RB#0-0.009~0.15-PASS



Band38-5MHz-QPSK-38000-1RB#0-0.15~30-PASS



Band38-5MHz-QPSK-38000-1RB#0-30~1000-PASS



Band38-5MHz-QPSK-38000-1RB#0-1000~20000-PASS



Band38-5MHz-QPSK-38000-1RB#0-20000~27000-PASS

Band38-5MHz-QPSK-38000-1RB#24-0.009~0.15-PASS

