

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	23.15	2.06	25.21	33	PASS
Band38	5MHz	QPSK	37775	25RB#0	22.11	2.06	24.17	33	PASS
Band38	5MHz	QPSK	37775	1RB#12	23.17	2.06	25.23	33	PASS
Band38	5MHz	QPSK	37775	1RB#24	23.13	2.06	25.19	33	PASS
Band38	5MHz	QPSK	38000	1RB#0	22.97	2.06	25.03	33	PASS
Band38	5MHz	QPSK	38000	25RB#0	22.09	2.06	24.15	33	PASS
Band38	5MHz	QPSK	38000	1RB#12	23.01	2.06	25.07	33	PASS
Band38	5MHz	QPSK	38000	1RB#24	22.99	2.06	25.05	33	PASS
Band38	5MHz	QPSK	38225	1RB#0	22.94	2.06	25	33	PASS
Band38	5MHz	QPSK	38225	25RB#0	22.16	2.06	24.22	33	PASS
Band38	5MHz	QPSK	38225	1RB#12	23.05	2.06	25.11	33	PASS
Band38	5MHz	QPSK	38225	1RB#24	23.14	2.06	25.2	33	PASS
Band38	5MHz	16QAM	37775	1RB#0	22.41	2.06	24.47	33	PASS
Band38	5MHz	16QAM	37775	25RB#0	21.13	2.06	23.19	33	PASS
Band38	5MHz	16QAM	37775	1RB#12	22.34	2.06	24.4	33	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.31	2.06	24.37	33	PASS
Band38	5MHz	16QAM	38000	1RB#0	22.5	2.06	24.56	33	PASS
Band38	5MHz	16QAM	38000	25RB#0	21.06	2.06	23.12	33	PASS
Band38	5MHz	16QAM	38000	1RB#12	22.36	2.06	24.42	33	PASS
Band38	5MHz	16QAM	38000	1RB#24	22.53	2.06	24.59	33	PASS
Band38	5MHz	16QAM	38225	1RB#0	21.81	2.06	23.87	33	PASS
Band38	5MHz	16QAM	38225	25RB#0	21.18	2.06	23.24	33	PASS
Band38	5MHz	16QAM	38225	1RB#12	22.2	2.06	24.26	33	PASS
Band38	5MHz	16QAM	38225	1RB#24	22.24	2.06	24.3	33	PASS
Band38	10MHz	QPSK	37800	1RB#0	23.08	2.06	25.14	33	PASS
Band38	10MHz	QPSK	37800	50RB#0	22.16	2.06	24.22	33	PASS
Band38	10MHz	QPSK	37800	1RB#24	23.08	2.06	25.14	33	PASS
Band38	10MHz	QPSK	37800	1RB#49	23.05	2.06	25.11	33	PASS
Band38	10MHz	QPSK	38000	1RB#0	23.01	2.06	25.07	33	PASS
Band38	10MHz	QPSK	38000	50RB#0	22.06	2.06	24.12	33	PASS
Band38	10MHz	QPSK	38000	1RB#24	23.07	2.06	25.13	33	PASS
Band38	10MHz	QPSK	38000	1RB#49	22.99	2.06	25.05	33	PASS
Band38	10MHz	QPSK	38200	1RB#0	23.26	2.06	25.32	33	PASS

Band38	10MHz	QPSK	38200	50RB#0	22.19	2.06	24.25	33	PASS
Band38	10MHz	QPSK	38200	1RB#24	23.33	2.06	25.39	33	PASS
Band38	10MHz	QPSK	38200	1RB#49	23.36	2.06	25.42	33	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.31	2.06	24.37	33	PASS
Band38	10MHz	16QAM	37800	50RB#0	21.16	2.06	23.22	33	PASS
Band38	10MHz	16QAM	37800	1RB#24	22.29	2.06	24.35	33	PASS
Band38	10MHz	16QAM	37800	1RB#49	22.11	2.06	24.17	33	PASS
Band38	10MHz	16QAM	38000	1RB#0	21.59	2.06	23.65	33	PASS
Band38	10MHz	16QAM	38000	50RB#0	20.96	2.06	23.02	33	PASS
Band38	10MHz	16QAM	38000	1RB#24	22.14	2.06	24.2	33	PASS
Band38	10MHz	16QAM	38000	1RB#49	21.99	2.06	24.05	33	PASS
Band38	10MHz	16QAM	38200	1RB#0	22.71	2.06	24.77	33	PASS
Band38	10MHz	16QAM	38200	50RB#0	21.08	2.06	23.14	33	PASS
Band38	10MHz	16QAM	38200	1RB#24	22.57	2.06	24.63	33	PASS
Band38	10MHz	16QAM	38200	1RB#49	22.81	2.06	24.87	33	PASS
Band38	15MHz	QPSK	37825	1RB#0	23.08	2.06	25.14	33	PASS
Band38	15MHz	QPSK	37825	38RB#0	22.11	2.06	24.17	33	PASS
Band38	15MHz	QPSK	37825	75RB#0	22.1	2.06	24.16	33	PASS
Band38	15MHz	QPSK	37825	1RB#38	23.08	2.06	25.14	33	PASS
Band38	15MHz	QPSK	37825	1RB#74	23.09	2.06	25.15	33	PASS
Band38	15MHz	QPSK	38000	1RB#0	22.9	2.06	24.96	33	PASS
Band38	15MHz	QPSK	38000	38RB#0	22.1	2.06	24.16	33	PASS
Band38	15MHz	QPSK	38000	75RB#0	22.11	2.06	24.17	33	PASS
Band38	15MHz	QPSK	38000	1RB#38	22.85	2.06	24.91	33	PASS
Band38	15MHz	QPSK	38000	1RB#74	22.92	2.06	24.98	33	PASS
Band38	15MHz	QPSK	38175	1RB#0	23.16	2.06	25.22	33	PASS
Band38	15MHz	QPSK	38175	38RB#0	22.2	2.06	24.26	33	PASS
Band38	15MHz	QPSK	38175	75RB#0	22.2	2.06	24.26	33	PASS
Band38	15MHz	QPSK	38175	1RB#38	23.14	2.06	25.2	33	PASS
Band38	15MHz	QPSK	38175	1RB#74	23.19	2.06	25.25	33	PASS
Band38	15MHz	16QAM	37825	1RB#0	21.99	2.06	24.05	33	PASS
Band38	15MHz	16QAM	37825	38RB#0	22.11	2.06	24.17	33	PASS
Band38	15MHz	16QAM	37825	75RB#0	21.12	2.06	23.18	33	PASS
Band38	15MHz	16QAM	37825	1RB#38	21.85	2.06	23.91	33	PASS
Band38	15MHz	16QAM	37825	1RB#74	21.85	2.06	23.91	33	PASS
Band38	15MHz	16QAM	38000	1RB#0	22.27	2.06	24.33	33	PASS
Band38	15MHz	16QAM	38000	38RB#0	22.1	2.06	24.16	33	PASS
Band38	15MHz	16QAM	38000	75RB#0	21.04	2.06	23.1	33	PASS
Band38	15MHz	16QAM	38000	1RB#38	22.26	2.06	24.32	33	PASS
Band38	15MHz	16QAM	38000	1RB#74	22.46	2.06	24.52	33	PASS

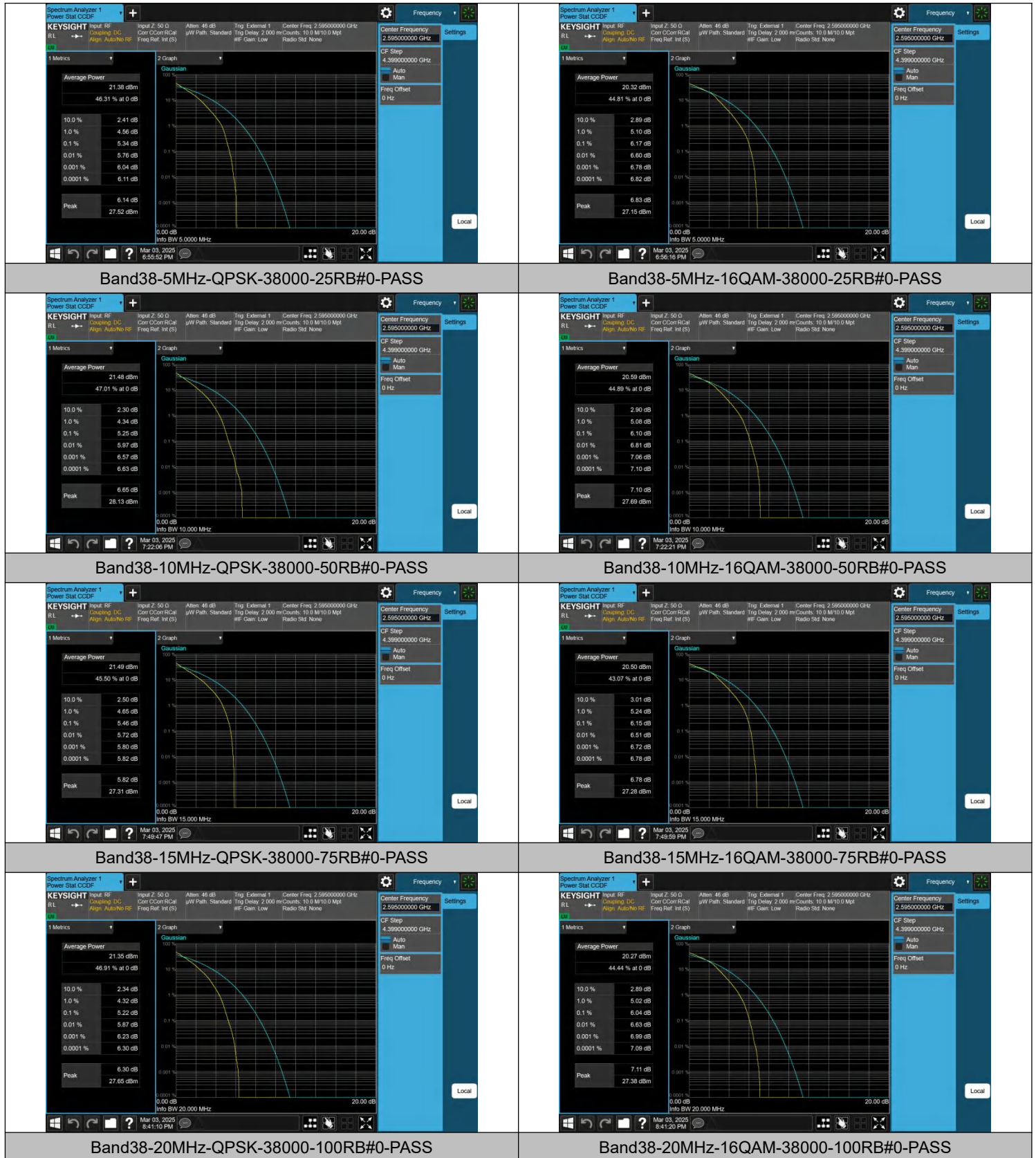
Band38	15MHz	16QAM	38175	1RB#0	21.93	2.06	23.99	33	PASS
Band38	15MHz	16QAM	38175	38RB#0	22.2	2.06	24.26	33	PASS
Band38	15MHz	16QAM	38175	75RB#0	21.23	2.06	23.29	33	PASS
Band38	15MHz	16QAM	38175	1RB#38	22	2.06	24.06	33	PASS
Band38	15MHz	16QAM	38175	1RB#74	22.06	2.06	24.12	33	PASS
Band38	20MHz	QPSK	37850	1RB#0	23.09	2.06	25.15	33	PASS
Band38	20MHz	QPSK	37850	100RB#0	22	2.06	24.06	33	PASS
Band38	20MHz	QPSK	37850	1RB#49	22.96	2.06	25.02	33	PASS
Band38	20MHz	QPSK	37850	1RB#99	22.73	2.06	24.79	33	PASS
Band38	20MHz	QPSK	38000	1RB#0	22.87	2.06	24.93	33	PASS
Band38	20MHz	QPSK	38000	100RB#0	22.07	2.06	24.13	33	PASS
Band38	20MHz	QPSK	38000	1RB#49	23	2.06	25.06	33	PASS
Band38	20MHz	QPSK	38000	1RB#99	22.89	2.06	24.95	33	PASS
Band38	20MHz	QPSK	38150	1RB#0	23.03	2.06	25.09	33	PASS
Band38	20MHz	QPSK	38150	100RB#0	22.11	2.06	24.17	33	PASS
Band38	20MHz	QPSK	38150	1RB#49	23.36	2.06	25.42	33	PASS
Band38	20MHz	QPSK	38150	1RB#99	23.35	2.06	25.41	33	PASS
Band38	20MHz	16QAM	37850	1RB#0	22.71	2.06	24.77	33	PASS
Band38	20MHz	16QAM	37850	100RB#0	21	2.06	23.06	33	PASS
Band38	20MHz	16QAM	37850	1RB#49	22.87	2.06	24.93	33	PASS
Band38	20MHz	16QAM	37850	1RB#99	22.06	2.06	24.12	33	PASS
Band38	20MHz	16QAM	38000	1RB#0	22.28	2.06	24.34	33	PASS
Band38	20MHz	16QAM	38000	100RB#0	21.07	2.06	23.13	33	PASS
Band38	20MHz	16QAM	38000	1RB#49	22.43	2.06	24.49	33	PASS
Band38	20MHz	16QAM	38000	1RB#99	22.33	2.06	24.39	33	PASS
Band38	20MHz	16QAM	38150	1RB#0	21.81	2.06	23.87	33	PASS
Band38	20MHz	16QAM	38150	100RB#0	21.13	2.06	23.19	33	PASS
Band38	20MHz	16QAM	38150	1RB#49	22.45	2.06	24.51	33	PASS
Band38	20MHz	16QAM	38150	1RB#99	21.94	2.06	24	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	5.34	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	6.17	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	5.25	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	6.10	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	5.46	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	6.15	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	5.22	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	6.04	13	PASS

Test Graphs

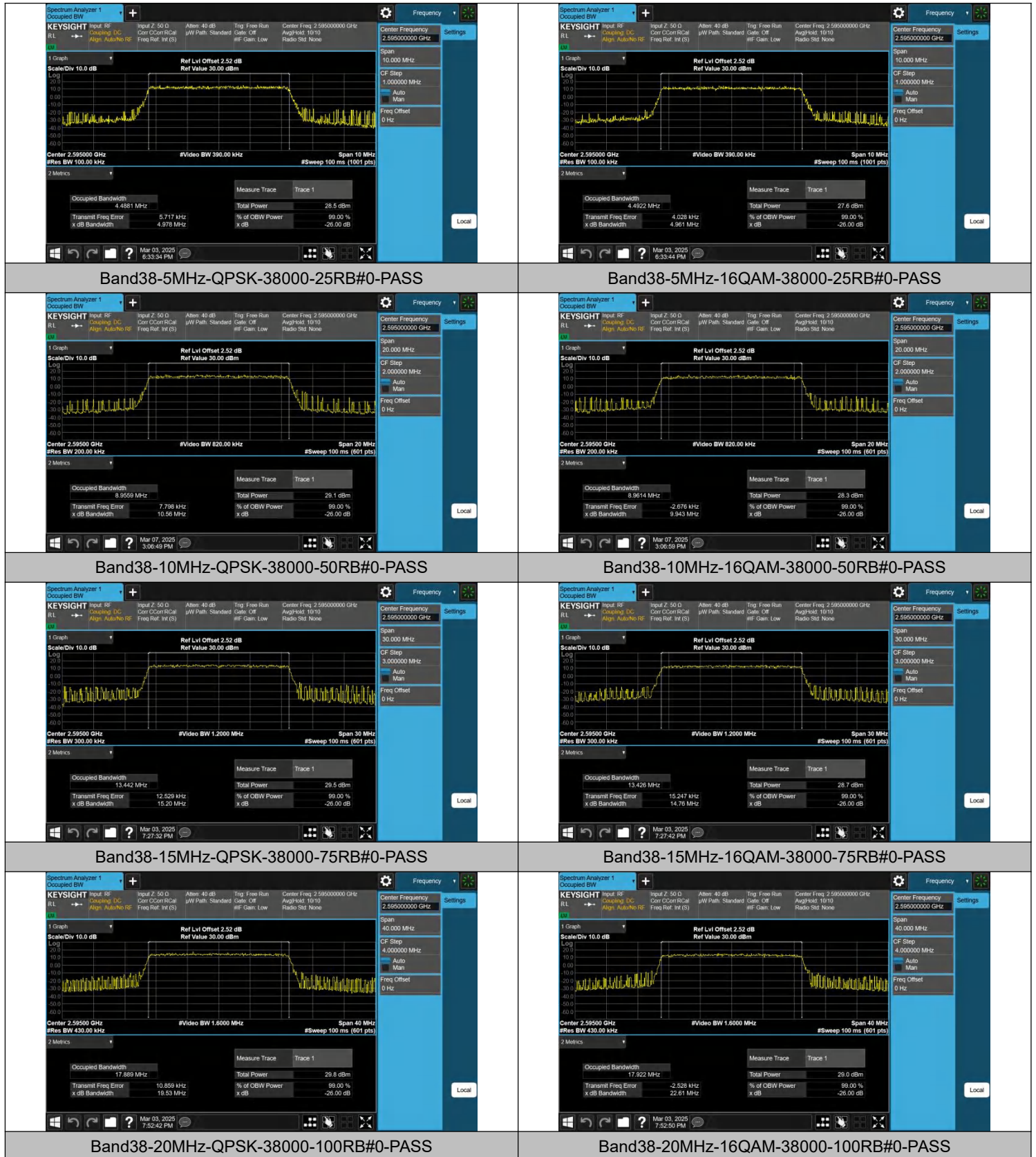


26dB Bandwidth and Occupied Bandwidth

Test Result

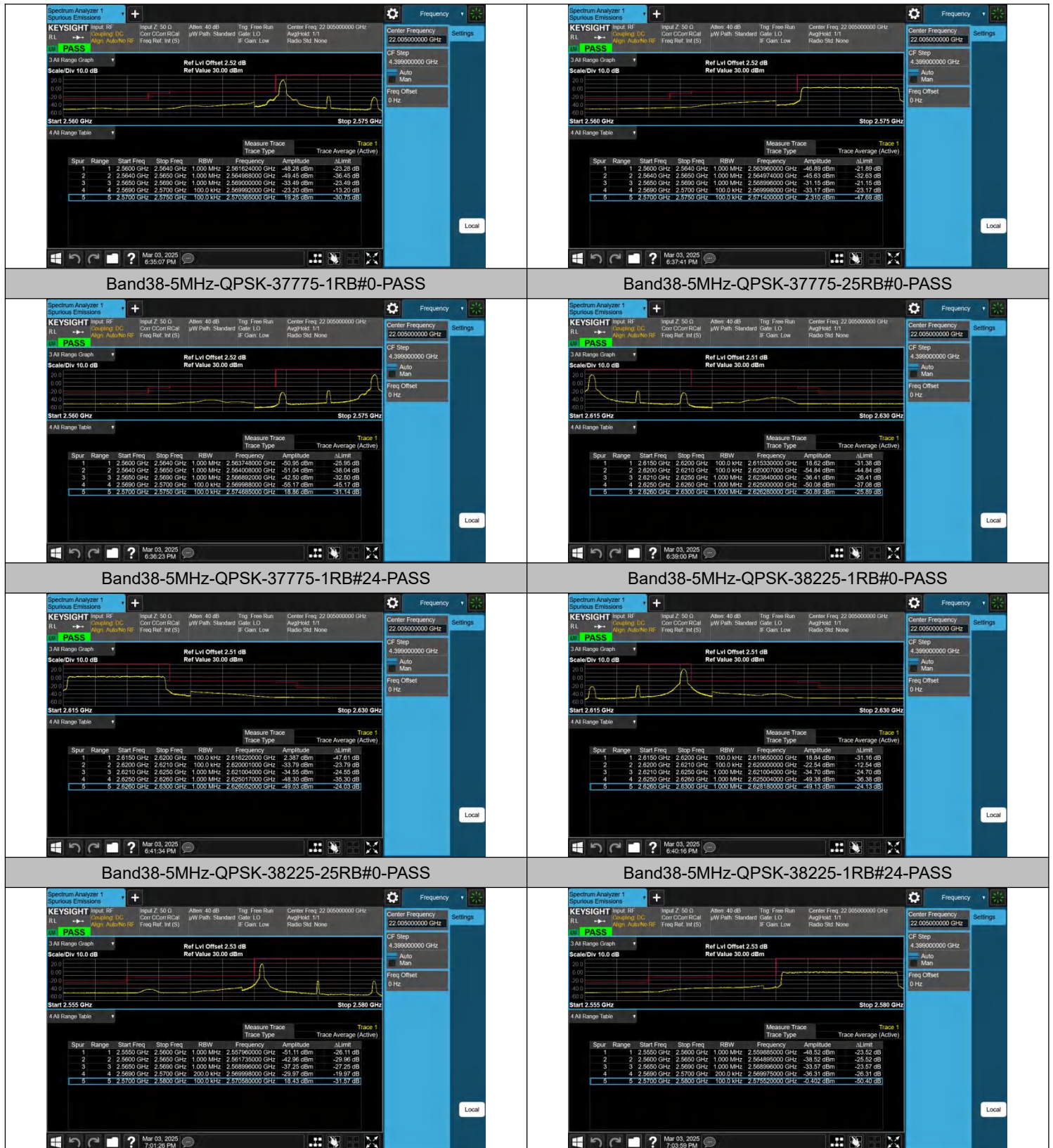
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	38000	25RB#0	4.4881	4.978	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.4922	4.961	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9559	10.56	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9614	9.943	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.442	15.20	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.426	14.76	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.889	19.53	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.922	22.61	PASS

Test Graphs

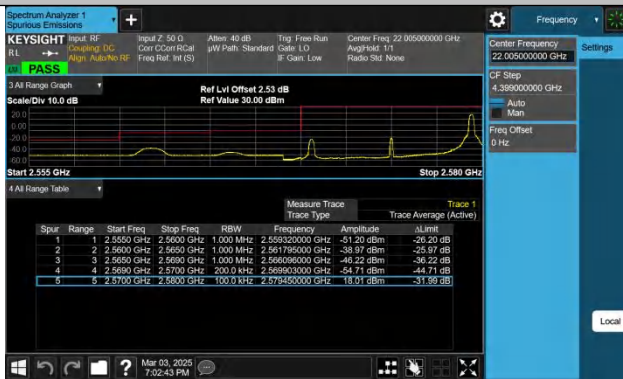


Band Edge

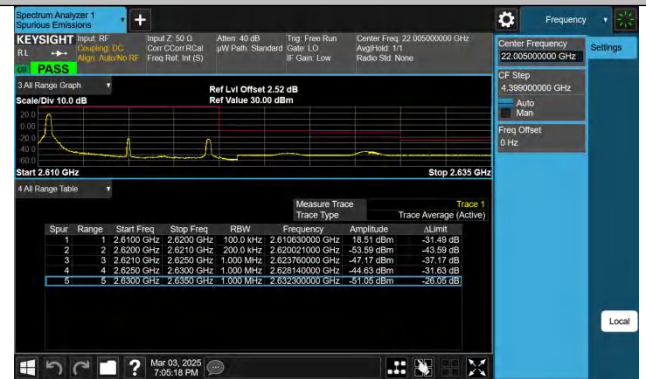
Test Graphs



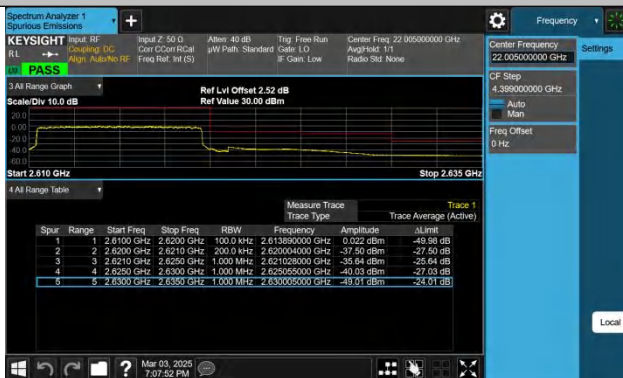
Band38-10MHz-QPSK-37800-1RB#0-PASS



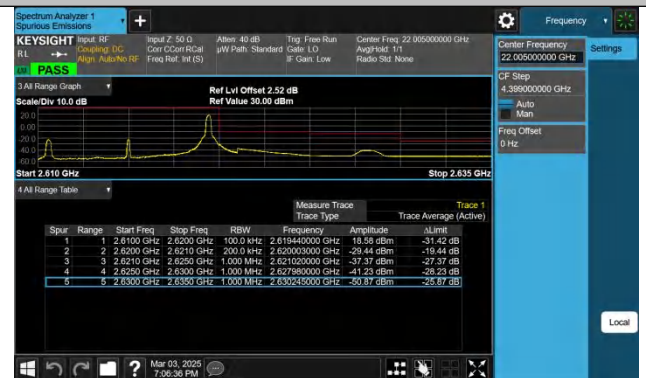
Band38-10MHz-QPSK-37800-50RB#0-PASS



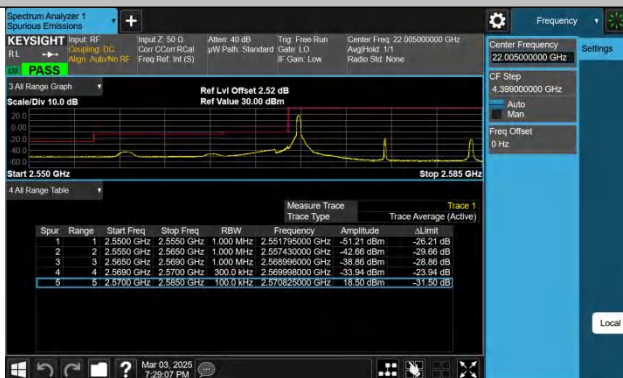
Band38-10MHz-QPSK-37800-1RB#49-PASS



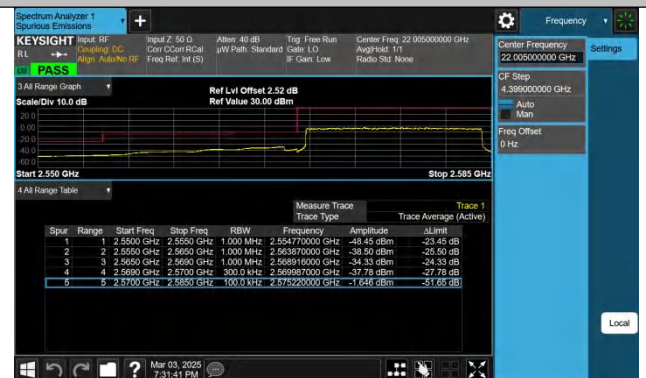
Band38-10MHz-QPSK-38200-1RB#0-PASS



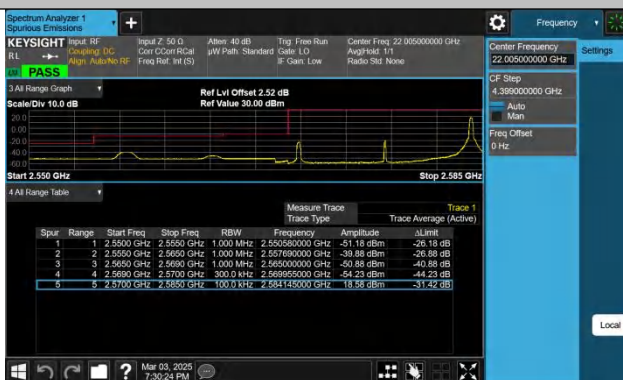
Band38-10MHz-QPSK-38200-50RB#0-PASS



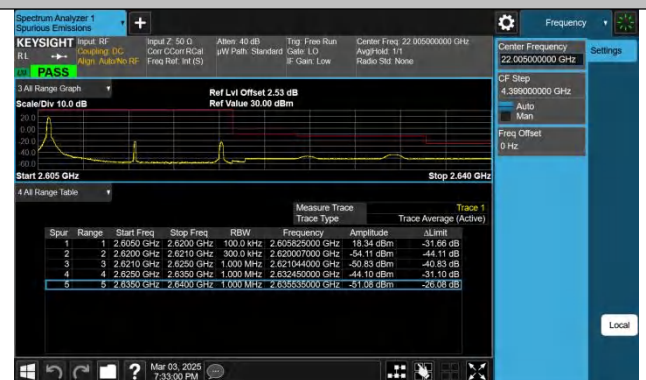
Band38-10MHz-QPSK-38200-1RB#49-PASS



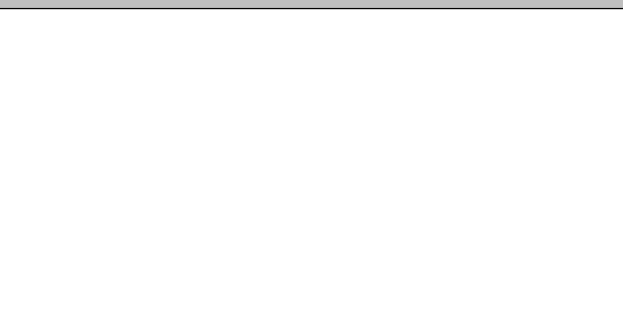
Band38-15MHz-QPSK-37825-1RB#0-PASS



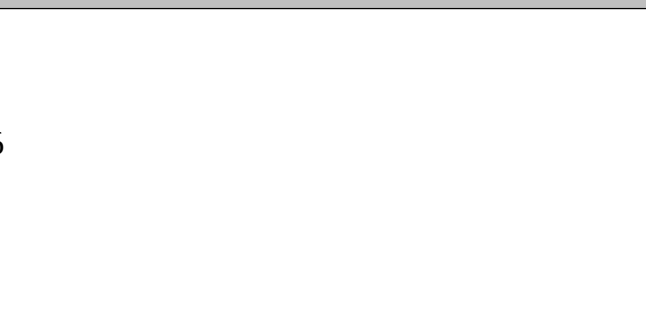
Band38-15MHz-QPSK-37825-75RB#0-PASS

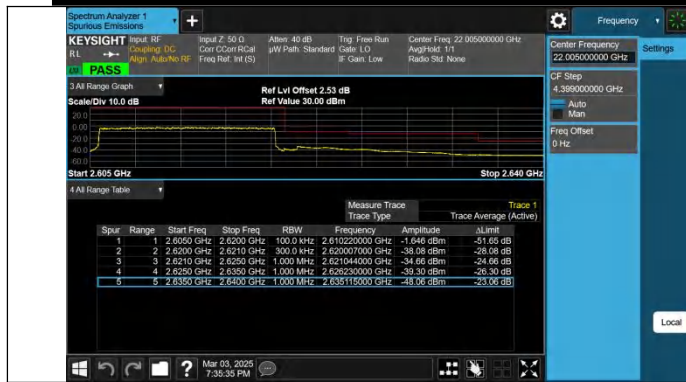


Band38-15MHz-QPSK-37825-1RB#74-PASS

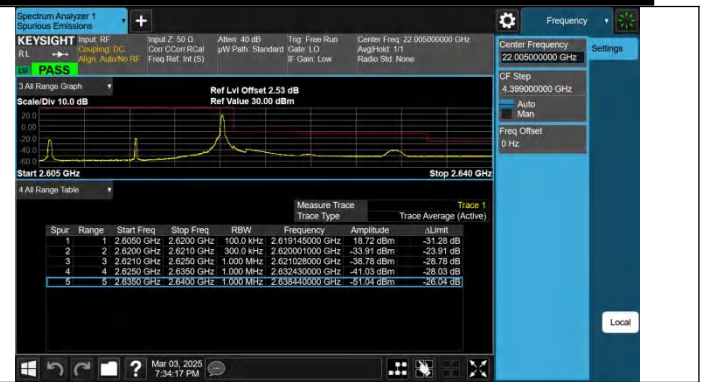


Band38-15MHz-QPSK-38175-1RB#0-PASS

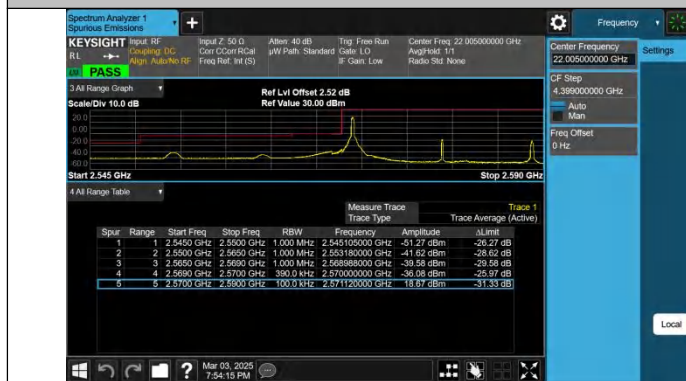




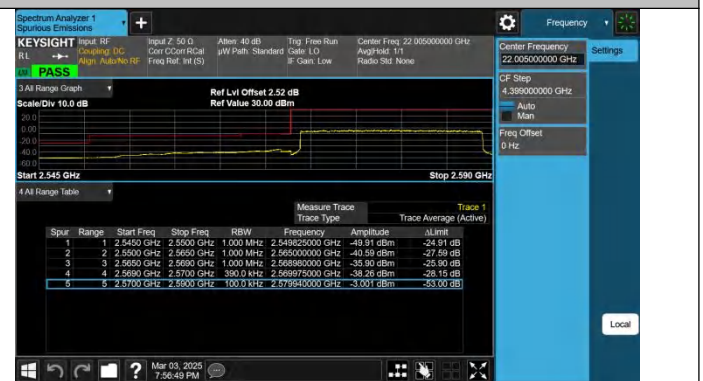
Band38-15MHz-QPSK-38175-75RB#0-PASS



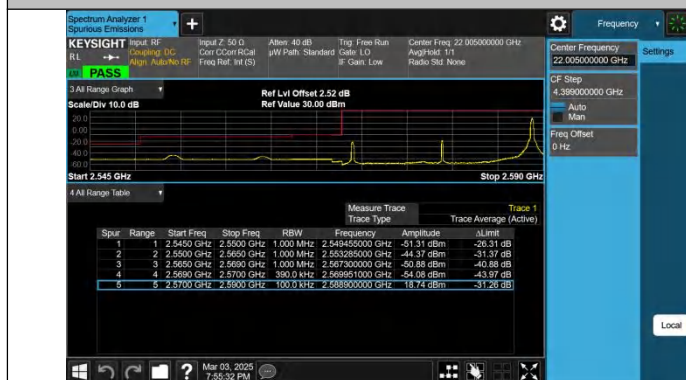
Band38-15MHz-QPSK-38175-1RB#74-PASS



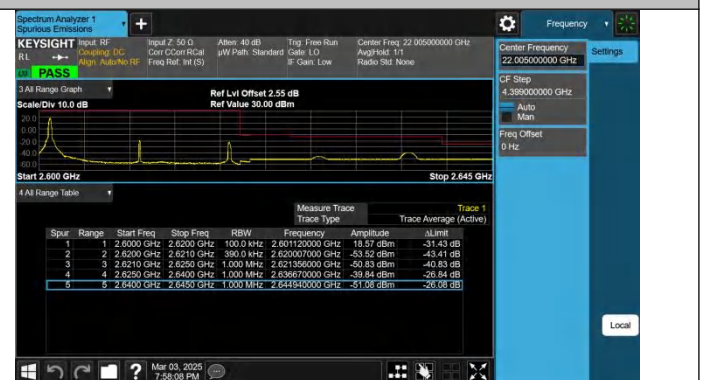
Band38-20MHz-QPSK-37850-1RB#0-PASS



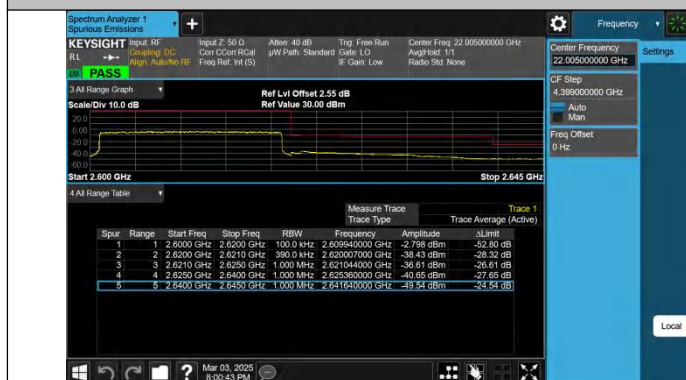
Band38-20MHz-QPSK-37850-100RB#0-PASS



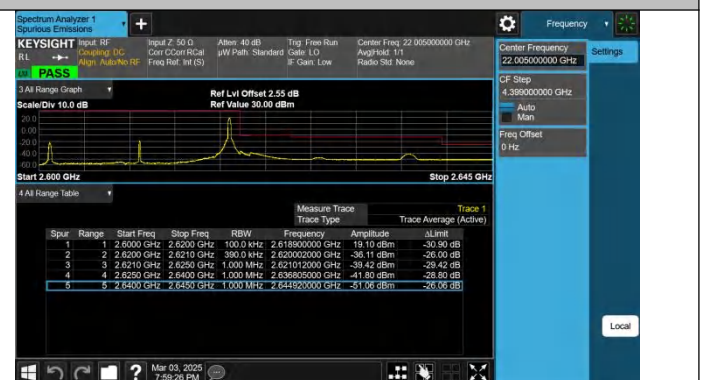
Band38-20MHz-QPSK-37850-1RB#99-PASS



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



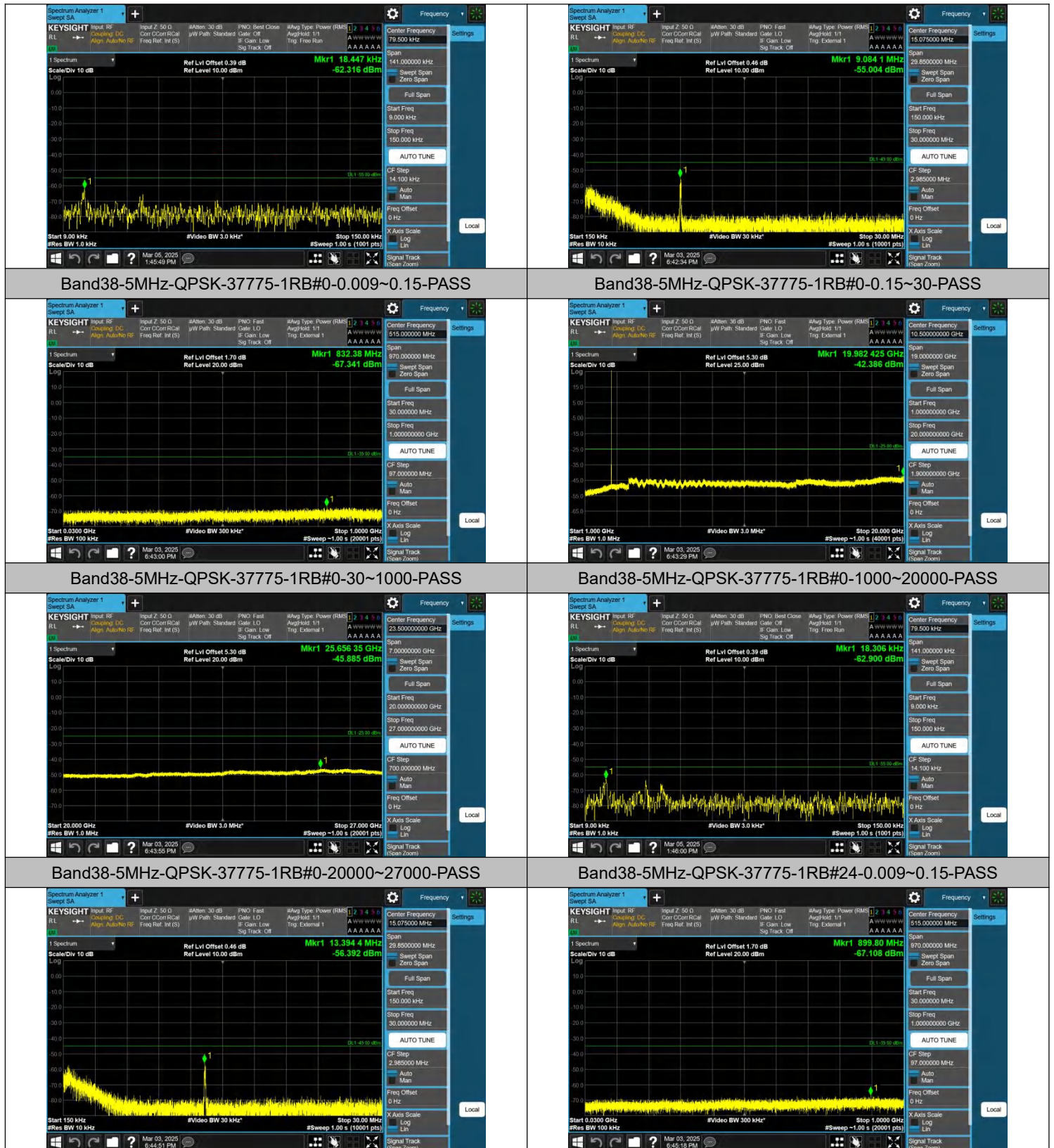
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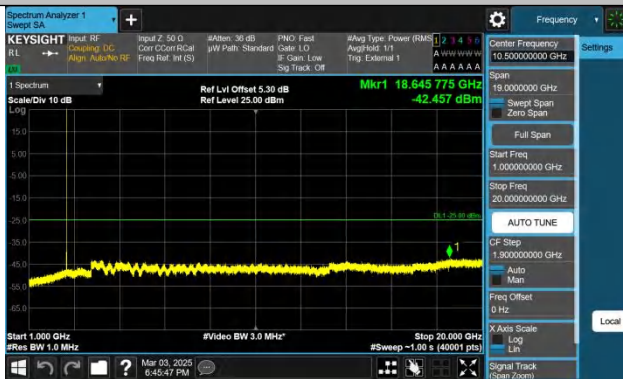
Band38-20MHz-QPSK-38150-1RB#99-PASS

Conducted Spurious Emission

Test Graphs



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



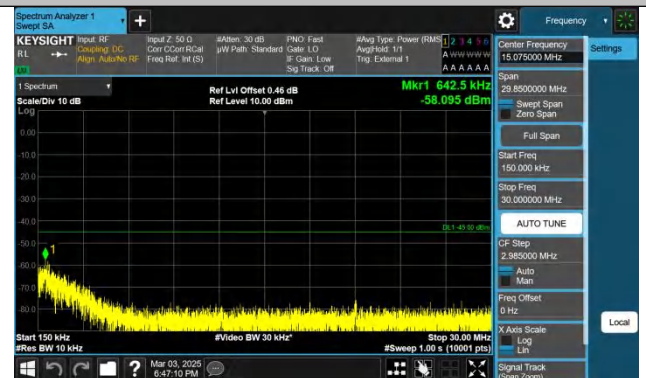
Band38-5MHz-QPSK-37775-1RB#24-30~1000-PASS



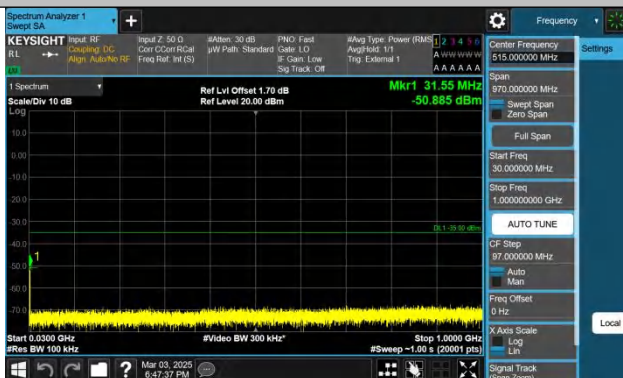
Band38-5MHz-QPSK-37775-1RB#24-1000~20000-PASS



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



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



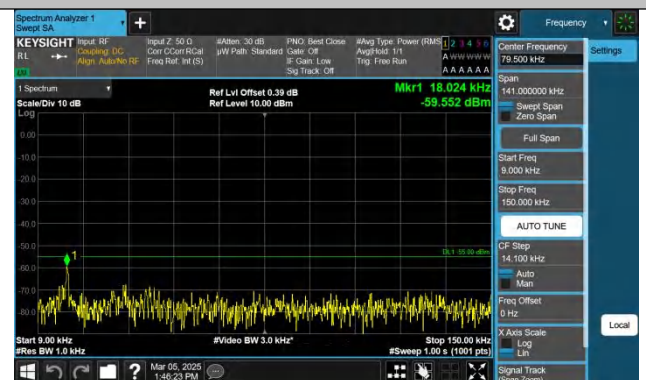
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Band38-5MHz-QPSK-38000-1RB#0-30~1000-PASS

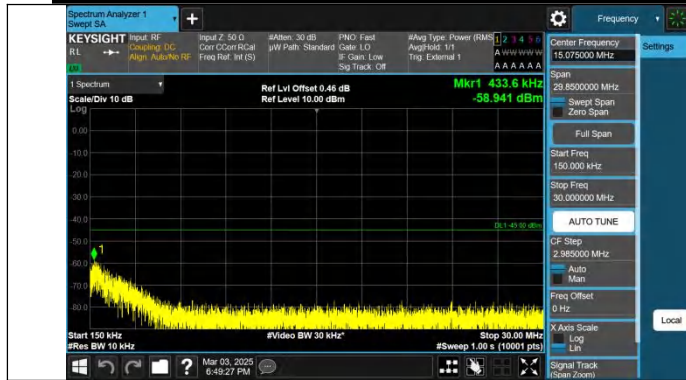


Band38-5MHz-QPSK-38000-1RB#0-1000~20000-PASS

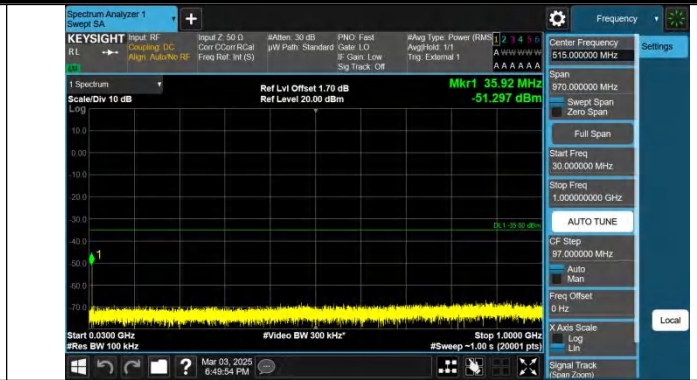


Band38-5MHz-QPSK-38000-1RB#0-20000~27000-PASS

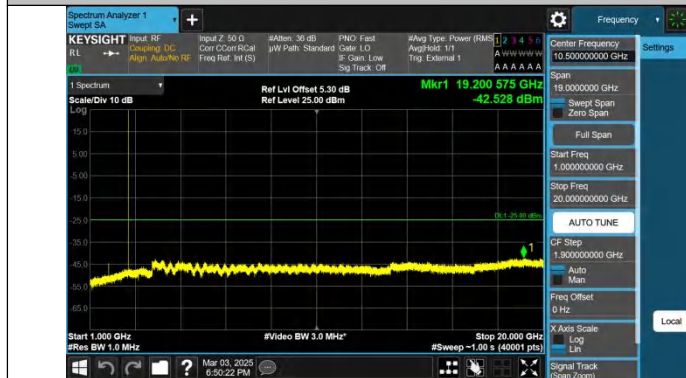
Band38-5MHz-QPSK-38000-1RB#24-0.009~0.15-PASS



Band38-5MHz-QPSK-38000-1RB#24-0.15~30-PASS



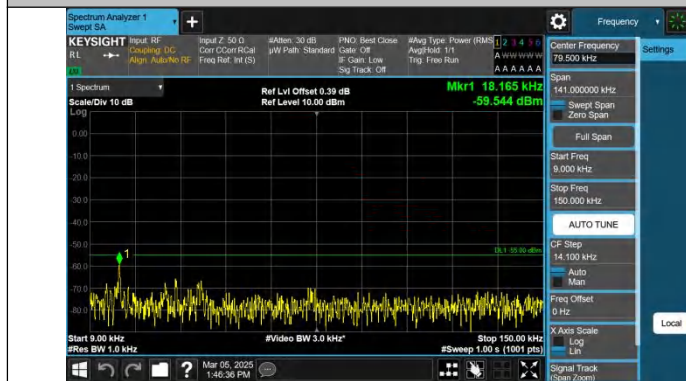
Band38-5MHz-QPSK-38000-1RB#24-30~1000-PASS



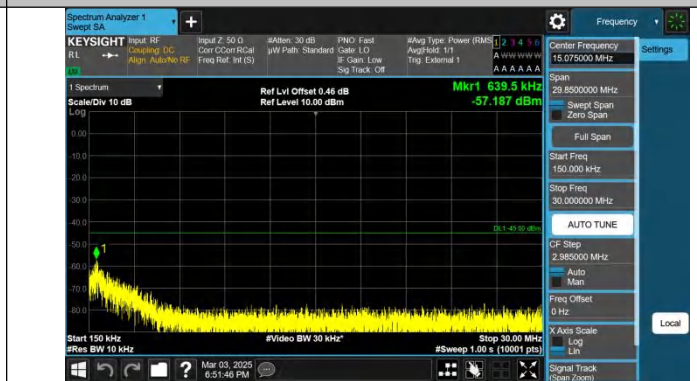
Band38-5MHz-QPSK-38000-1RB#24-1000~20000-PASS



Band38-5MHz-QPSK-38000-1RB#24-20000~27000-PASS



Band38-5MHz-QPSK-38225-1RB#0-0.009~0.15-PASS



Band38-5MHz-QPSK-38225-1RB#0-0.15~30-PASS



Band38-5MHz-QPSK-38225-1RB#0-30~1000-PASS



Band38-5MHz-QPSK-38225-1RB#0-1000~20000-PASS

