

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	24.39	2.06	26.45	33	PASS
Band38	5MHz	QPSK	37775	25RB#0	23.05	2.06	25.11	33	PASS
Band38	5MHz	QPSK	37775	1RB#12	24.36	2.06	26.42	33	PASS
Band38	5MHz	QPSK	37775	1RB#24	24.21	2.06	26.27	33	PASS
Band38	5MHz	QPSK	38000	1RB#0	24.25	2.06	26.31	33	PASS
Band38	5MHz	QPSK	38000	25RB#0	22.99	2.06	25.05	33	PASS
Band38	5MHz	QPSK	38000	1RB#12	24.33	2.06	26.39	33	PASS
Band38	5MHz	QPSK	38000	1RB#24	24.33	2.06	26.39	33	PASS
Band38	5MHz	QPSK	38225	1RB#0	24.39	2.06	26.45	33	PASS
Band38	5MHz	QPSK	38225	25RB#0	23.25	2.06	25.31	33	PASS
Band38	5MHz	QPSK	38225	1RB#12	24.34	2.06	26.4	33	PASS
Band38	5MHz	QPSK	38225	1RB#24	24.3	2.06	26.36	33	PASS
Band38	5MHz	16QAM	37775	1RB#0	23.09	2.06	25.15	33	PASS
Band38	5MHz	16QAM	37775	25RB#0	22.08	2.06	24.14	33	PASS
Band38	5MHz	16QAM	37775	1RB#12	23.08	2.06	25.14	33	PASS
Band38	5MHz	16QAM	37775	1RB#24	23.01	2.06	25.07	33	PASS
Band38	5MHz	16QAM	38000	1RB#0	23.28	2.06	25.34	33	PASS
Band38	5MHz	16QAM	38000	25RB#0	22.04	2.06	24.1	33	PASS
Band38	5MHz	16QAM	38000	1RB#12	23.14	2.06	25.2	33	PASS
Band38	5MHz	16QAM	38000	1RB#24	23.13	2.06	25.19	33	PASS
Band38	5MHz	16QAM	38225	1RB#0	23.41	2.06	25.47	33	PASS
Band38	5MHz	16QAM	38225	25RB#0	21.95	2.06	24.01	33	PASS
Band38	5MHz	16QAM	38225	1RB#12	23.37	2.06	25.43	33	PASS
Band38	5MHz	16QAM	38225	1RB#24	23.37	2.06	25.43	33	PASS
Band38	10MHz	QPSK	37800	1RB#0	24.27	2.06	26.33	33	PASS
Band38	10MHz	QPSK	37800	50RB#0	23.14	2.06	25.2	33	PASS
Band38	10MHz	QPSK	37800	1RB#24	24.26	2.06	26.32	33	PASS
Band38	10MHz	QPSK	37800	1RB#49	24.27	2.06	26.33	33	PASS
Band38	10MHz	QPSK	38000	1RB#0	24.38	2.06	26.44	33	PASS
Band38	10MHz	QPSK	38000	50RB#0	23.17	2.06	25.23	33	PASS
Band38	10MHz	QPSK	38000	1RB#24	24.28	2.06	26.34	33	PASS
Band38	10MHz	QPSK	38000	1RB#49	24.2	2.06	26.26	33	PASS
Band38	10MHz	QPSK	38200	1RB#0	24.41	2.06	26.47	33	PASS
Band38	10MHz	QPSK	38200	50RB#0	23.01	2.06	25.07	33	PASS

Band38	10MHz	QPSK	38200	1RB#24	24.37	2.06	26.43	33	PASS
Band38	10MHz	QPSK	38200	1RB#49	24.28	2.06	26.34	33	PASS
Band38	10MHz	16QAM	37800	27RB#0	22.21	2.06	24.27	33	PASS
Band38	10MHz	16QAM	38000	27RB#0	22.09	2.06	24.15	33	PASS
Band38	10MHz	16QAM	38200	27RB#0	22.14	2.06	24.2	33	PASS
Band38	10MHz	16QAM	37800	1RB#0	23.3	2.06	25.36	33	PASS
Band38	10MHz	16QAM	37800	1RB#24	23.32	2.06	25.38	33	PASS
Band38	10MHz	16QAM	37800	1RB#49	23.32	2.06	25.38	33	PASS
Band38	10MHz	16QAM	38000	1RB#0	23.37	2.06	25.43	33	PASS
Band38	10MHz	16QAM	38000	1RB#24	23.28	2.06	25.34	33	PASS
Band38	10MHz	16QAM	38000	1RB#49	23.21	2.06	25.27	33	PASS
Band38	10MHz	16QAM	38200	1RB#0	23.15	2.06	25.21	33	PASS
Band38	10MHz	16QAM	38200	1RB#24	23.11	2.06	25.17	33	PASS
Band38	10MHz	16QAM	38200	1RB#49	23.03	2.06	25.09	33	PASS
Band38	15MHz	QPSK	37825	1RB#0	24.46	2.06	26.52	33	PASS
Band38	15MHz	QPSK	37825	75RB#0	23.35	2.06	25.41	33	PASS
Band38	15MHz	QPSK	37825	1RB#38	24.48	2.06	26.54	33	PASS
Band38	15MHz	QPSK	37825	1RB#74	24.38	2.06	26.44	33	PASS
Band38	15MHz	QPSK	38000	1RB#0	24.37	2.06	26.43	33	PASS
Band38	15MHz	QPSK	38000	75RB#0	23.2	2.06	25.26	33	PASS
Band38	15MHz	QPSK	38000	1RB#38	24.42	2.06	26.48	33	PASS
Band38	15MHz	QPSK	38000	1RB#74	24.3	2.06	26.36	33	PASS
Band38	15MHz	QPSK	38175	1RB#0	24.48	2.06	26.54	33	PASS
Band38	15MHz	QPSK	38175	75RB#0	23.14	2.06	25.2	33	PASS
Band38	15MHz	QPSK	38175	1RB#38	24.43	2.06	26.49	33	PASS
Band38	15MHz	QPSK	38175	1RB#74	24.34	2.06	26.4	33	PASS
Band38	15MHz	16QAM	37825	27RB#0	22.21	2.06	24.27	33	PASS
Band38	15MHz	16QAM	38000	27RB#0	22.27	2.06	24.33	33	PASS
Band38	15MHz	16QAM	38175	27RB#0	22.24	2.06	24.3	33	PASS
Band38	15MHz	16QAM	37825	1RB#0	23.52	2.06	25.58	33	PASS
Band38	15MHz	16QAM	37825	1RB#38	23.54	2.06	25.6	33	PASS
Band38	15MHz	16QAM	37825	1RB#74	23.45	2.06	25.51	33	PASS
Band38	15MHz	16QAM	38000	1RB#0	23.56	2.06	25.62	33	PASS
Band38	15MHz	16QAM	38000	1RB#38	23.48	2.06	25.54	33	PASS
Band38	15MHz	16QAM	38000	1RB#74	23.35	2.06	25.41	33	PASS
Band38	15MHz	16QAM	38175	1RB#0	23.41	2.06	25.47	33	PASS
Band38	15MHz	16QAM	38175	1RB#38	23.37	2.06	25.43	33	PASS
Band38	15MHz	16QAM	38175	1RB#74	23.28	2.06	25.34	33	PASS
Band38	20MHz	QPSK	37850	1RB#0	24.35	2.06	26.41	33	PASS
Band38	20MHz	QPSK	37850	100RB#0	23.19	2.06	25.25	33	PASS

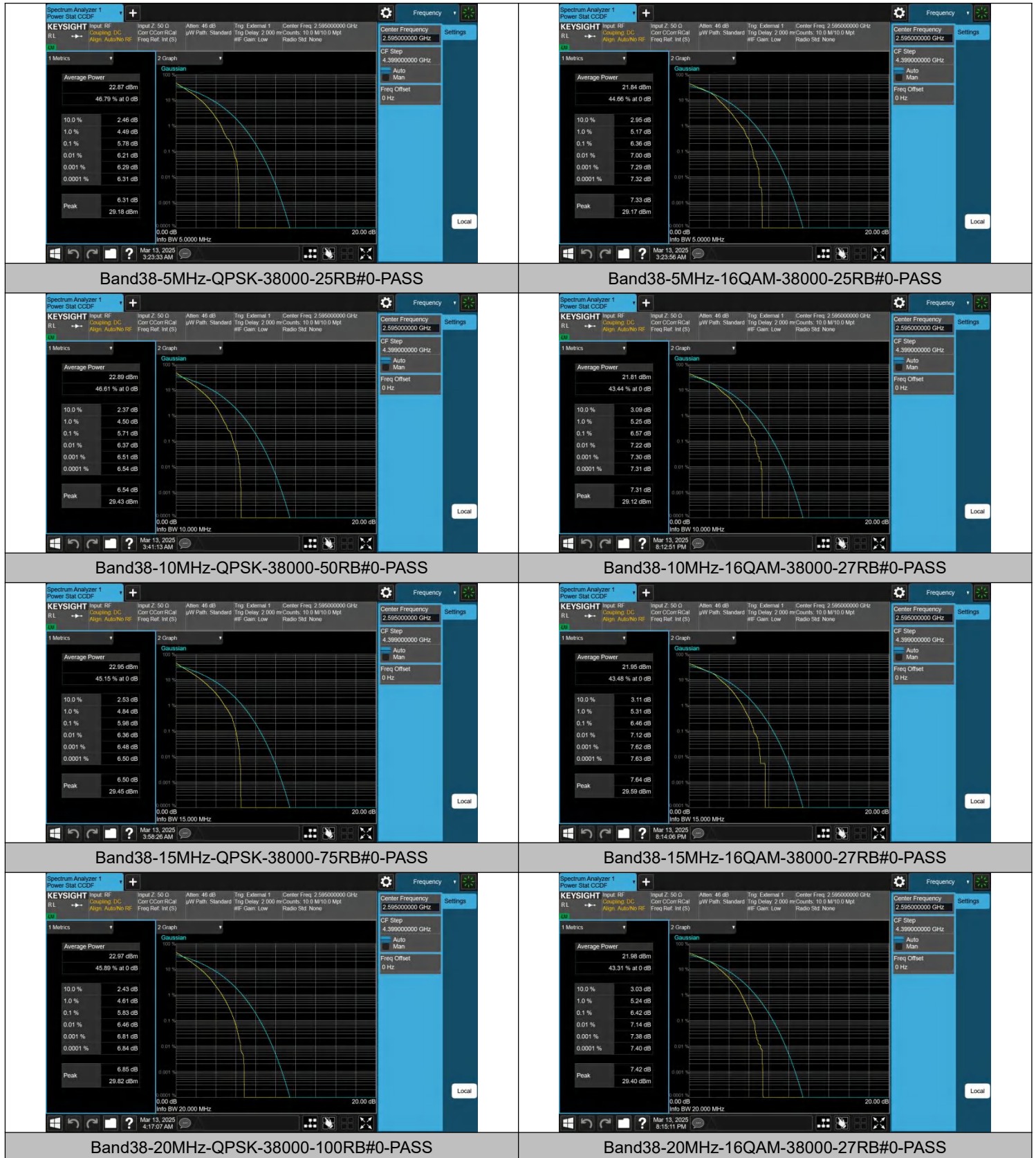
Band38	20MHz	QPSK	37850	1RB#49	24.4	2.06	26.46	33	PASS
Band38	20MHz	QPSK	37850	1RB#99	24.37	2.06	26.43	33	PASS
Band38	20MHz	QPSK	38000	1RB#0	24.44	2.06	26.5	33	PASS
Band38	20MHz	QPSK	38000	100RB#0	23.28	2.06	25.34	33	PASS
Band38	20MHz	QPSK	38000	1RB#49	24.34	2.06	26.4	33	PASS
Band38	20MHz	QPSK	38000	1RB#99	24.16	2.06	26.22	33	PASS
Band38	20MHz	QPSK	38150	1RB#0	24.44	2.06	26.5	33	PASS
Band38	20MHz	QPSK	38150	100RB#0	23.06	2.06	25.12	33	PASS
Band38	20MHz	QPSK	38150	1RB#49	24.35	2.06	26.41	33	PASS
Band38	20MHz	QPSK	38150	1RB#99	24.28	2.06	26.34	33	PASS
Band38	20MHz	16QAM	37850	27RB#0	22.32	2.06	24.38	33	PASS
Band38	20MHz	16QAM	38000	27RB#0	22.34	2.06	24.4	33	PASS
Band38	20MHz	16QAM	38150	27RB#0	22.2	2.06	24.26	33	PASS
Band38	20MHz	16QAM	37850	1RB#0	23.31	2.06	25.37	33	PASS
Band38	20MHz	16QAM	37850	1RB#49	23.36	2.06	25.42	33	PASS
Band38	20MHz	16QAM	37850	1RB#99	23.27	2.06	25.33	33	PASS
Band38	20MHz	16QAM	38000	1RB#0	23.38	2.06	25.44	33	PASS
Band38	20MHz	16QAM	38000	1RB#49	23.32	2.06	25.38	33	PASS
Band38	20MHz	16QAM	38000	1RB#99	23.13	2.06	25.19	33	PASS
Band38	20MHz	16QAM	38150	1RB#0	22.91	2.06	24.97	33	PASS
Band38	20MHz	16QAM	38150	1RB#49	22.84	2.06	24.9	33	PASS
Band38	20MHz	16QAM	38150	1RB#99	23.03	2.06	25.09	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	5.78	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	6.36	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	5.71	13	PASS
Band38	10MHz	16QAM	38000	27RB#0	6.57	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	5.98	13	PASS
Band38	15MHz	16QAM	38000	27RB#0	6.46	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	5.83	13	PASS
Band38	20MHz	16QAM	38000	27RB#0	6.42	13	PASS

Test Graphs

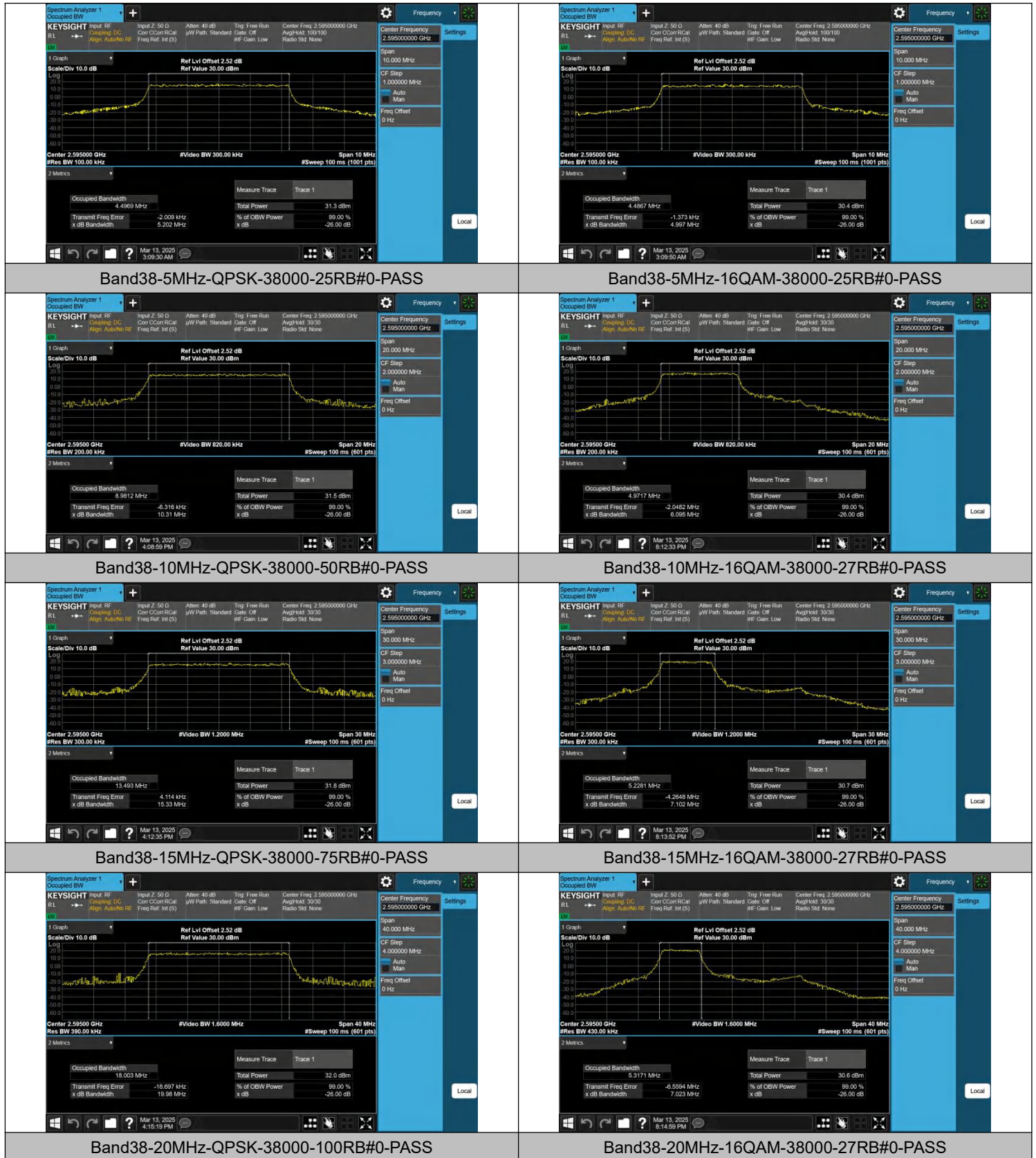


26dB Bandwidth and Occupied Bandwidth

Test Result

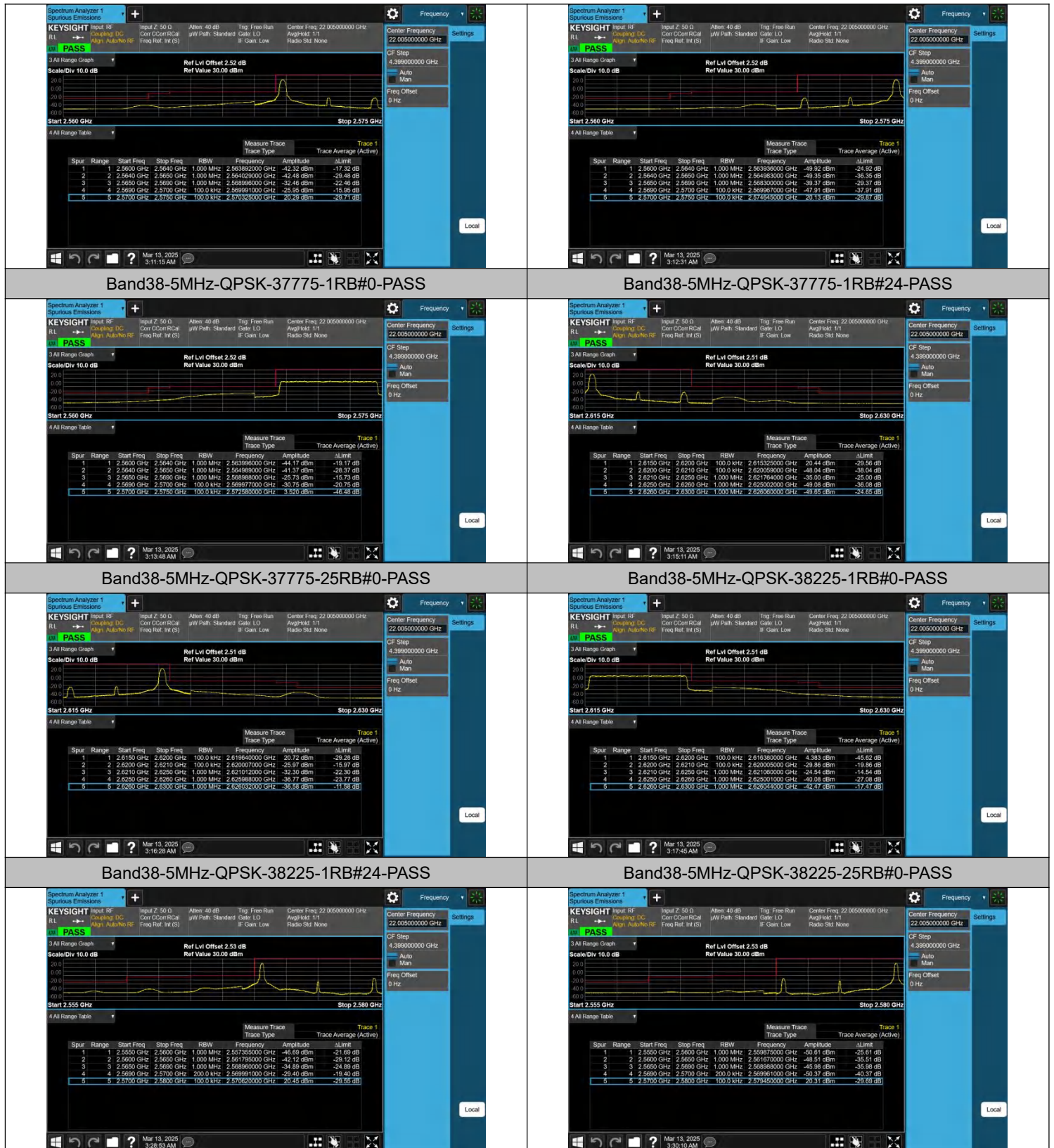
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	38000	25RB#0	4.4969	5.202	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.4867	4.997	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9812	10.31	PASS
Band38	10MHz	16QAM	38000	27RB#0	4.9717	6.095	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.493	15.33	PASS
Band38	15MHz	16QAM	38000	27RB#0	5.2281	7.102	PASS
Band38	20MHz	QPSK	38000	100RB#0	18.003	19.98	PASS
Band38	20MHz	16QAM	38000	27RB#0	5.3171	7.023	PASS

Test Graphs

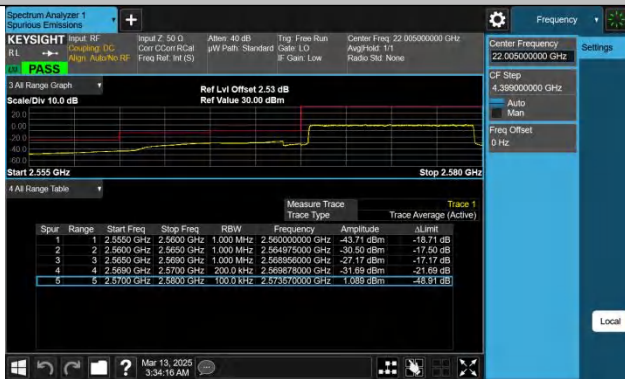


Band Edge

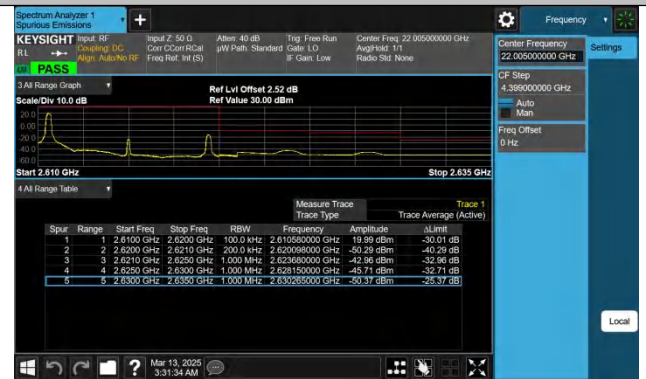
Test Graphs



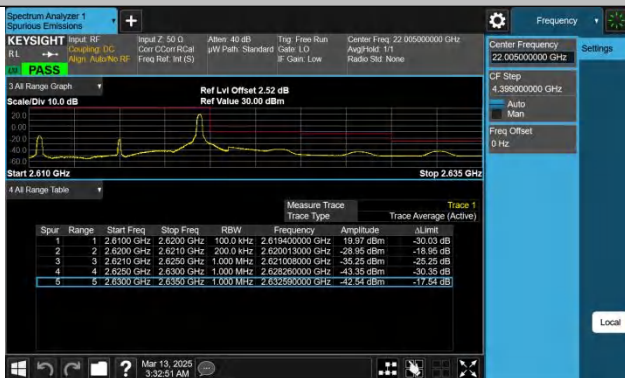
Band38-10MHz-QPSK-37800-1RB#0-PASS



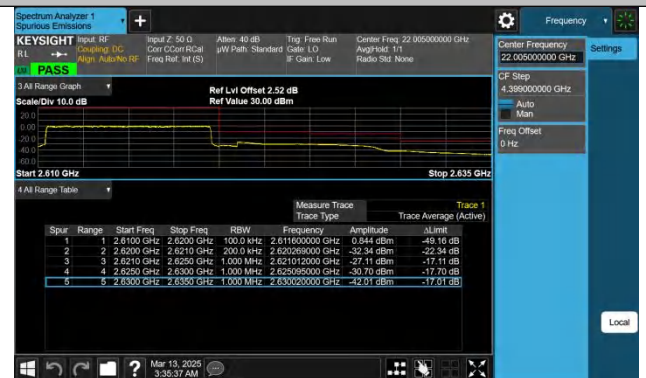
Band38-10MHz-QPSK-37800-1RB#49-PASS



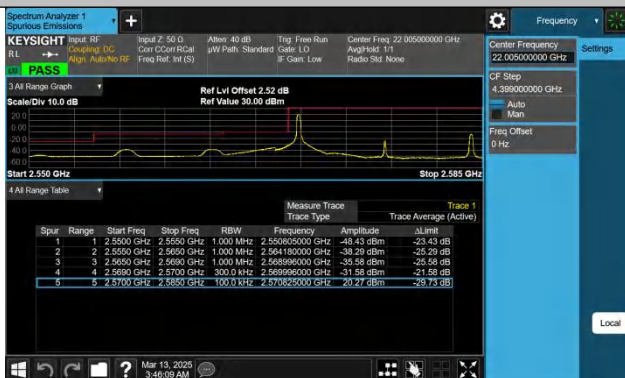
Band38-10MHz-QPSK-37800-50RB#0-PASS



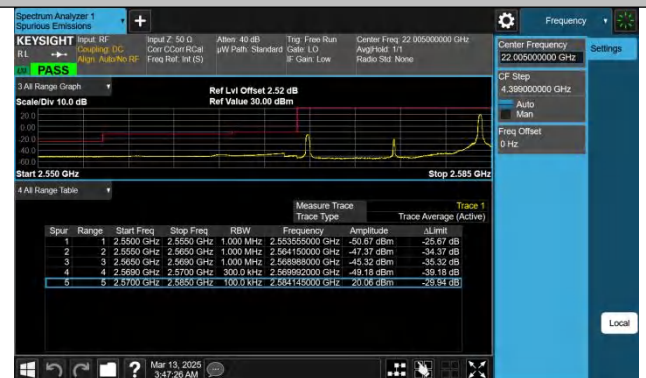
Band38-10MHz-QPSK-38200-1RB#0-PASS



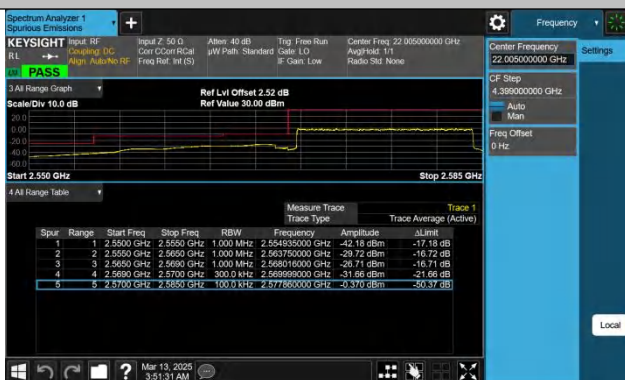
Band38-10MHz-QPSK-38200-1RB#49-PASS



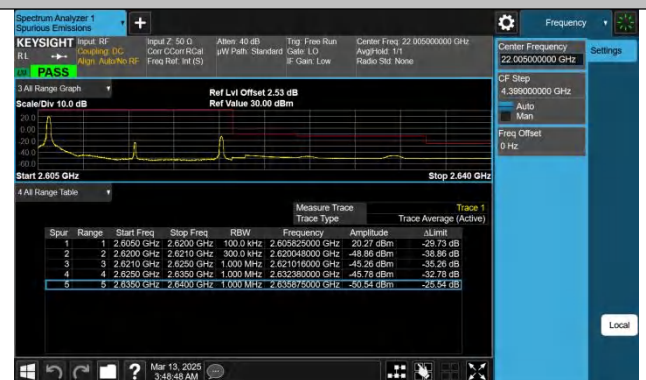
Band38-10MHz-QPSK-38200-50RB#0-PASS



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

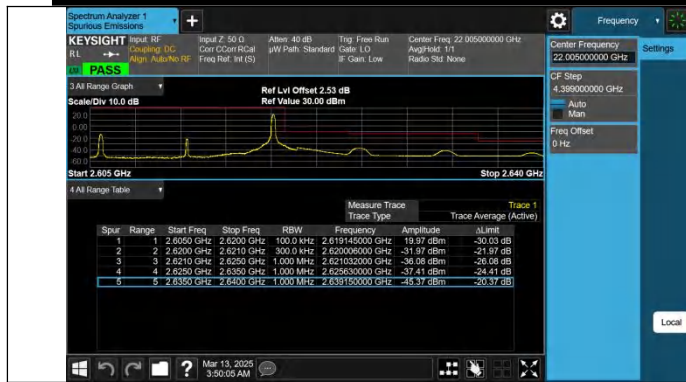


Band38-15MHz-QPSK-37825-1RB#74-PASS



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

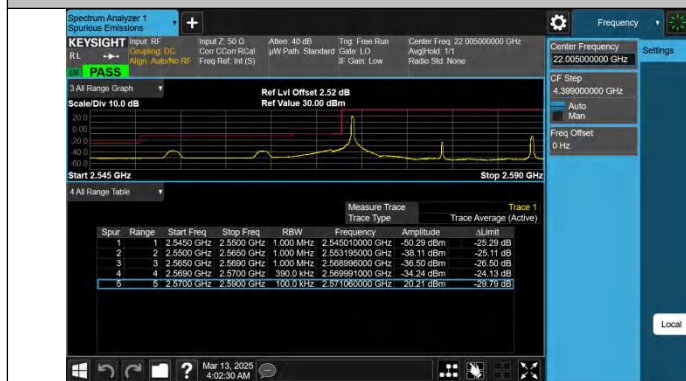
Band38-15MHz-QPSK-38175-1RB#0-PASS



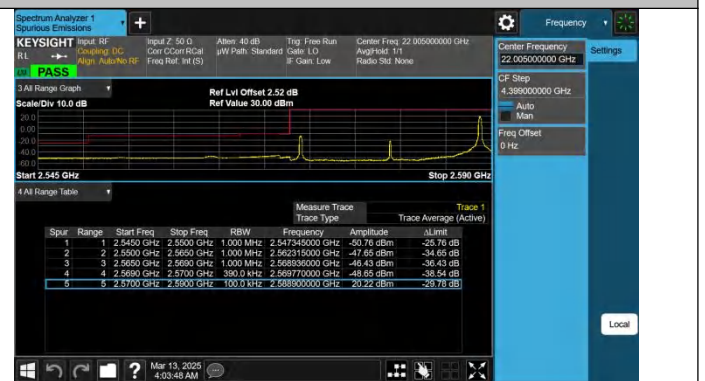
Band38-15MHz-QPSK-38175-1RB#74-PASS



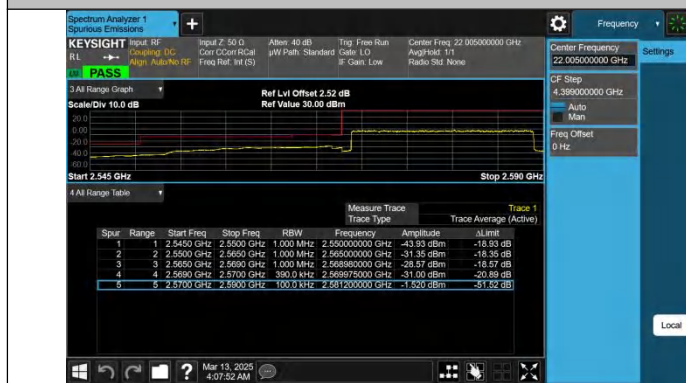
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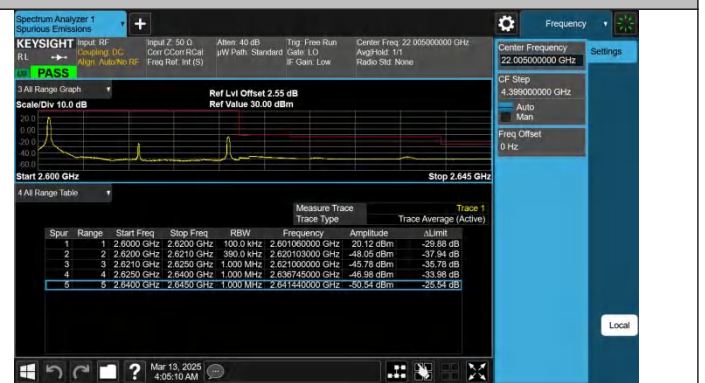
Band38-20MHz-QPSK-37850-1RB#0-PASS



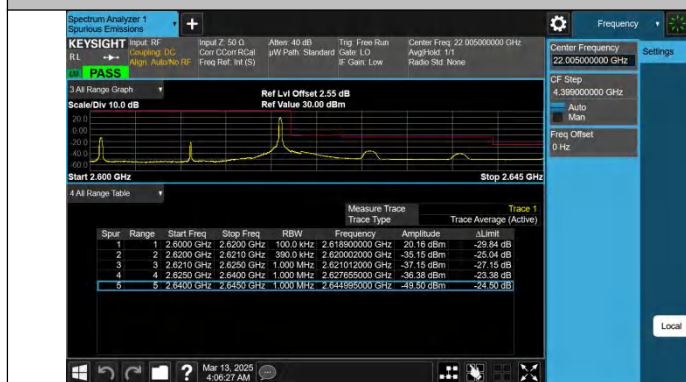
Band38-20MHz-QPSK-37850-1RB#99-PASS



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



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



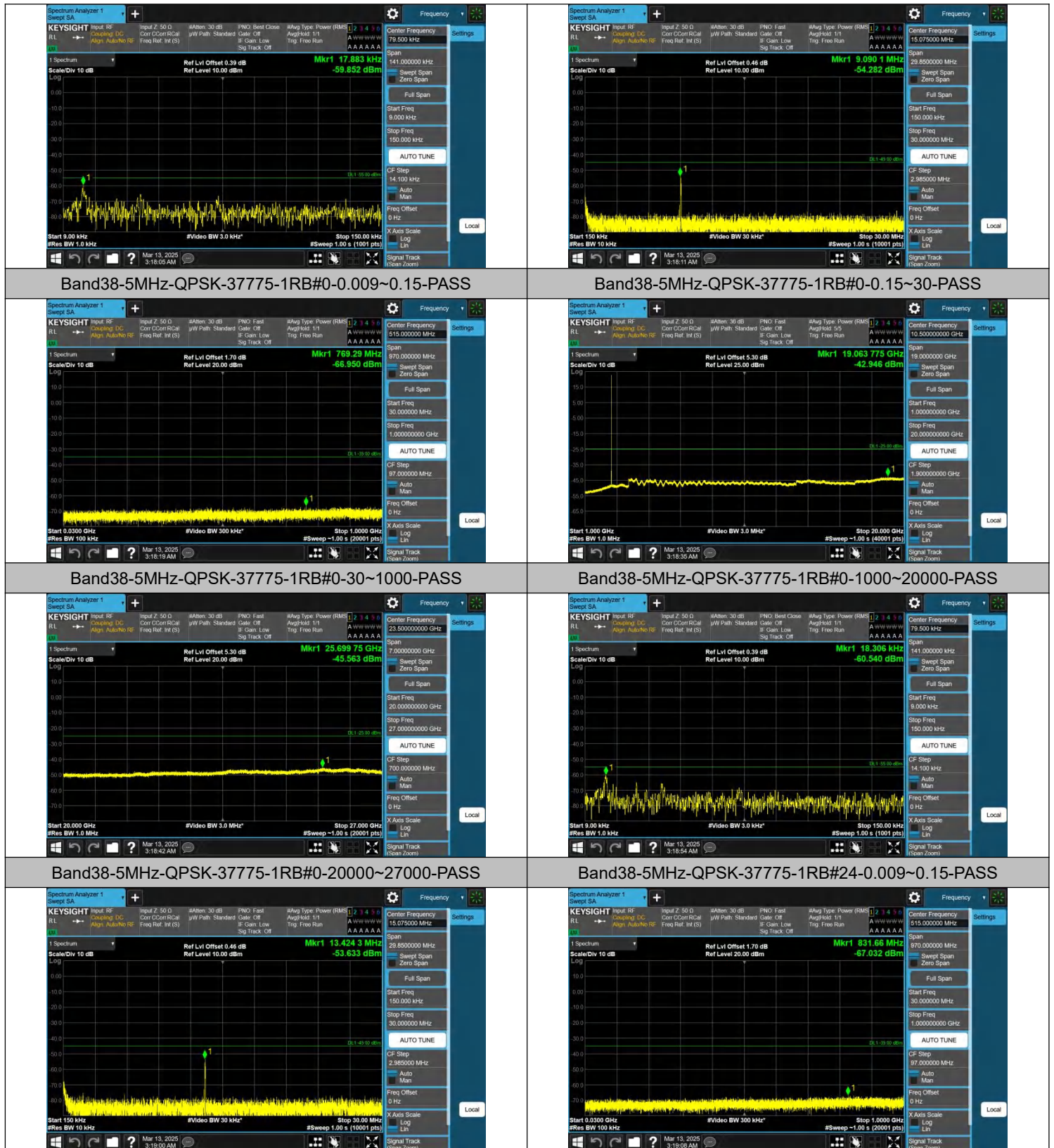
Band38-20MHz-QPSK-38150-1RB#99-PASS



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



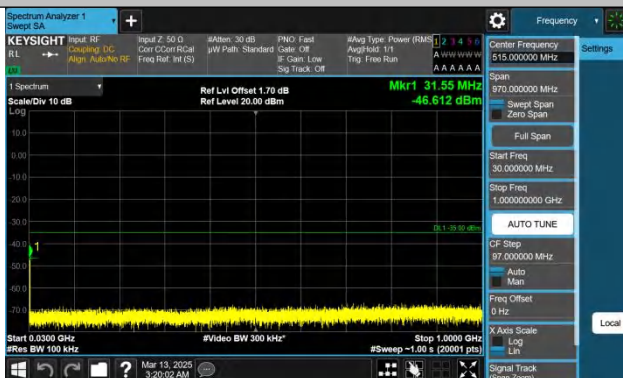
Band38-5MHz-QPSK-37775-1RB#24-1000~20000-PASS



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



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



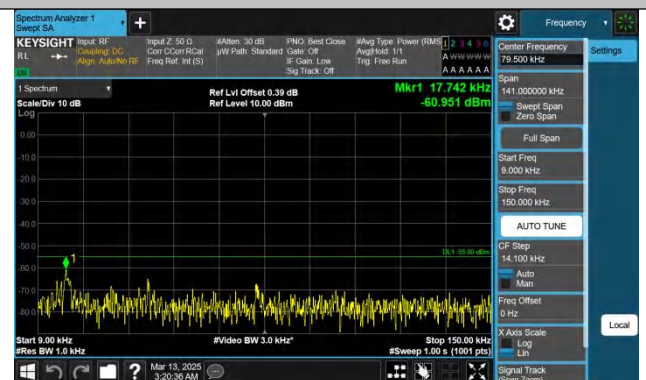
Band38-5MHz-QPSK-38000-1RB#0-0.15~30-PASS



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

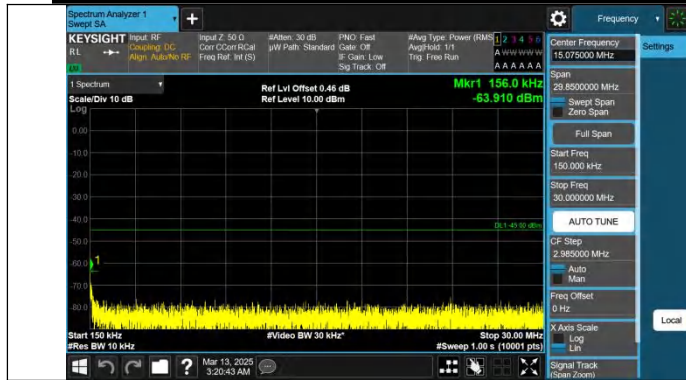


Band38-5MHz-QPSK-38000-1RB#0-1000~20000-PASS

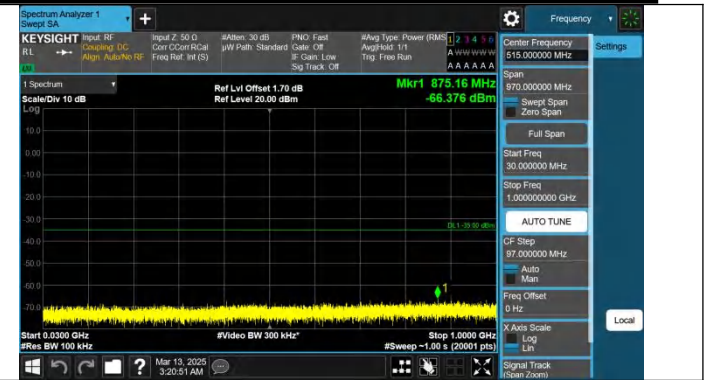


Band38-5MHz-QPSK-38000-1RB#0-20000~27000-PASS

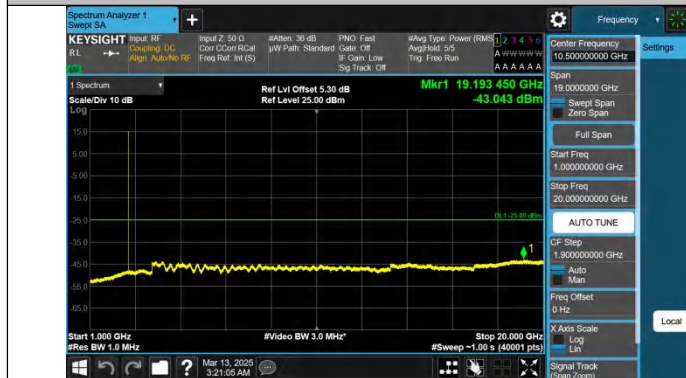
Band38-5MHz-QPSK-38000-1RB#24-0.009~0.15-PASS



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



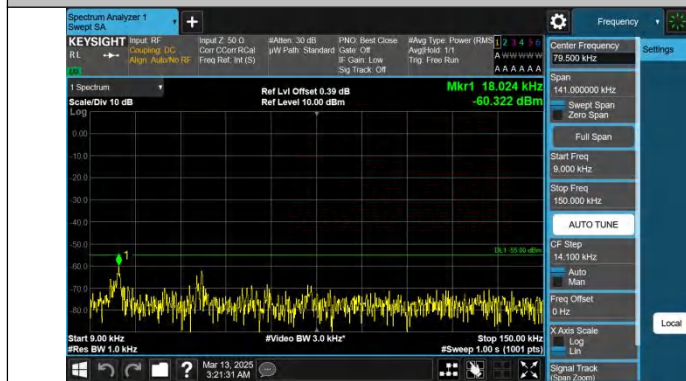
Band38-5MHz-QPSK-38000-1RB#24-30~1000-PASS



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



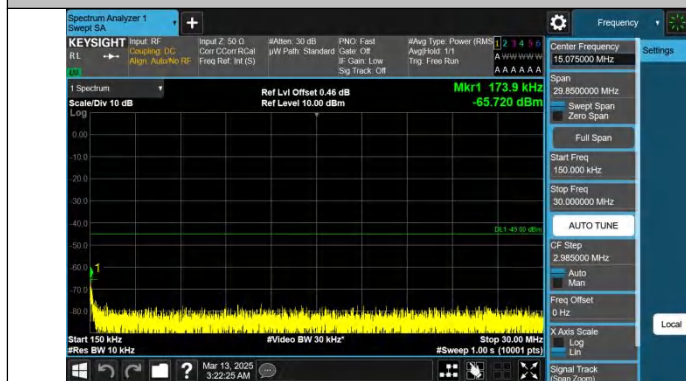
Band38-5MHz-QPSK-38225-1RB#0-1000~20000-PASS



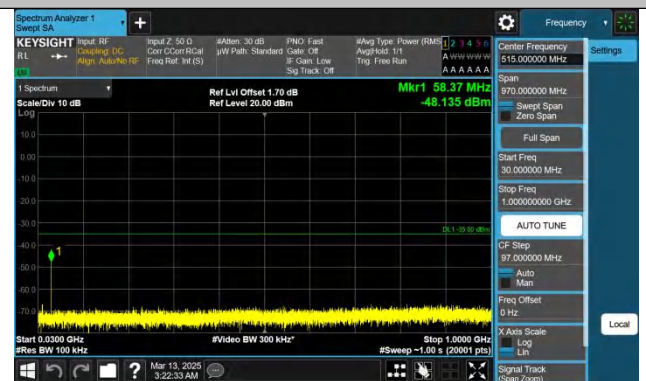
Band38-5MHz-QPSK-38225-1RB#0-20000~27000-PASS



Band38-5MHz-QPSK-38225-1RB#24-0.009~0.15-PASS



Band38-5MHz-QPSK-38225-1RB#24-0.15~30-PASS



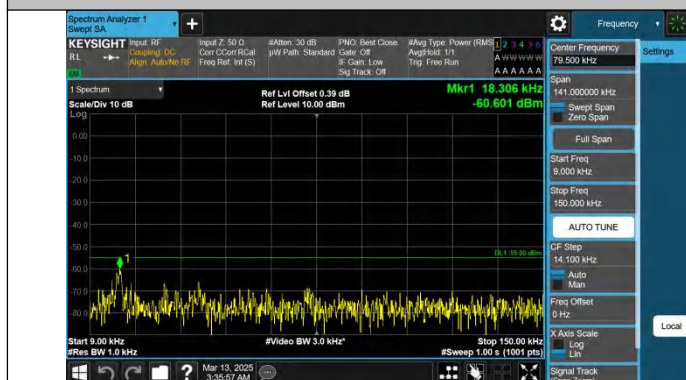
Band38-5MHz-QPSK-38225-1RB#24-30~1000-PASS



Band38-5MHz-QPSK-38225-1RB#24-1000~20000-PASS



Band38-5MHz-QPSK-38225-1RB#24-20000~27000-PASS



Band38-10MHz-QPSK-37800-1RB#0-0.009~0.15-PASS



Band38-10MHz-QPSK-37800-1RB#0-0.15~30-PASS