

Appendix-B LTE Band 38

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	24.2	25.11	33	PASS
Band38	5MHz	QPSK	37775	1RB#12	23.92	24.83	33	PASS
Band38	5MHz	QPSK	37775	1RB#24	23.82	24.73	33	PASS
Band38	5MHz	QPSK	37775	25RB#0	23.34	24.25	33	PASS
Band38	5MHz	QPSK	38000	1RB#0	24.24	25.15	33	PASS
Band38	5MHz	QPSK	38000	1RB#12	23.83	24.74	33	PASS
Band38	5MHz	QPSK	38000	1RB#24	23.79	24.7	33	PASS
Band38	5MHz	QPSK	38000	25RB#0	23.2	24.11	33	PASS
Band38	5MHz	QPSK	38225	1RB#0	24.18	25.09	33	PASS
Band38	5MHz	QPSK	38225	1RB#12	23.65	24.56	33	PASS
Band38	5MHz	QPSK	38225	1RB#24	23.69	24.6	33	PASS
Band38	5MHz	QPSK	38225	25RB#0	23.23	24.14	33	PASS
Band38	5MHz	16QAM	37775	1RB#0	23.46	24.37	33	PASS
Band38	5MHz	16QAM	37775	1RB#12	23.4	24.31	33	PASS
Band38	5MHz	16QAM	37775	1RB#24	23.09	24	33	PASS
Band38	5MHz	16QAM	37775	25RB#0	22.42	23.33	33	PASS
Band38	5MHz	16QAM	38000	1RB#0	23.84	24.75	33	PASS
Band38	5MHz	16QAM	38000	1RB#12	23.4	24.31	33	PASS
Band38	5MHz	16QAM	38000	1RB#24	23.28	24.19	33	PASS
Band38	5MHz	16QAM	38000	25RB#0	22.28	23.19	33	PASS
Band38	5MHz	16QAM	38225	1RB#0	23.75	24.66	33	PASS
Band38	5MHz	16QAM	38225	1RB#12	23.24	24.15	33	PASS
Band38	5MHz	16QAM	38225	1RB#24	23.32	24.23	33	PASS
Band38	5MHz	16QAM	38225	25RB#0	22.23	23.14	33	PASS
Band38	5MHz	64QAM	37775	1RB#0	22.4	23.31	33	PASS
Band38	5MHz	64QAM	37775	1RB#12	22.53	23.44	33	PASS
Band38	5MHz	64QAM	37775	1RB#24	22.29	23.2	33	PASS
Band38	5MHz	64QAM	37775	25RB#0	21.21	22.12	33	PASS
Band38	5MHz	64QAM	38000	1RB#0	22.49	23.4	33	PASS
Band38	5MHz	64QAM	38000	1RB#12	22.47	23.38	33	PASS
Band38	5MHz	64QAM	38000	1RB#24	22.48	23.39	33	PASS
Band38	5MHz	64QAM	38000	25RB#0	21.22	22.13	33	PASS
Band38	5MHz	64QAM	38225	1RB#0	22.27	23.18	33	PASS
Band38	5MHz	64QAM	38225	1RB#12	22.42	23.33	33	PASS
Band38	5MHz	64QAM	38225	1RB#24	22.38	23.29	33	PASS
Band38	5MHz	64QAM	38225	25RB#0	21.1	22.01	33	PASS
Band38	5MHz	256QAM	37775	1RB#0	19.51	20.42	33	PASS

Band38	5MHz	256QAM	37775	1RB#12	19.5	20.41	33	PASS
Band38	5MHz	256QAM	37775	1RB#24	19.25	20.16	33	PASS
Band38	5MHz	256QAM	37775	25RB#0	19.28	20.19	33	PASS
Band38	5MHz	256QAM	38000	1RB#0	19.34	20.25	33	PASS
Band38	5MHz	256QAM	38000	1RB#12	19.62	20.53	33	PASS
Band38	5MHz	256QAM	38000	1RB#24	19.36	20.27	33	PASS
Band38	5MHz	256QAM	38000	25RB#0	19.2	20.11	33	PASS
Band38	5MHz	256QAM	38225	1RB#0	19.26	20.17	33	PASS
Band38	5MHz	256QAM	38225	1RB#12	19.03	19.94	33	PASS
Band38	5MHz	256QAM	38225	1RB#24	19.46	20.37	33	PASS
Band38	5MHz	256QAM	38225	25RB#0	19.17	20.08	33	PASS
Band38	10MHz	QPSK	37800	1RB#0	24.18	25.09	33	PASS
Band38	10MHz	QPSK	37800	1RB#24	23.86	24.77	33	PASS
Band38	10MHz	QPSK	37800	1RB#49	23.84	24.75	33	PASS
Band38	10MHz	QPSK	37800	50RB#0	23.27	24.18	33	PASS
Band38	10MHz	QPSK	38000	1RB#0	24.26	25.17	33	PASS
Band38	10MHz	QPSK	38000	1RB#24	23.84	24.75	33	PASS
Band38	10MHz	QPSK	38000	1RB#49	23.72	24.63	33	PASS
Band38	10MHz	QPSK	38000	50RB#0	23.23	24.14	33	PASS
Band38	10MHz	QPSK	38200	1RB#0	24.29	25.2	33	PASS
Band38	10MHz	QPSK	38200	1RB#24	23.71	24.62	33	PASS
Band38	10MHz	QPSK	38200	1RB#49	23.7	24.61	33	PASS
Band38	10MHz	QPSK	38200	50RB#0	23.32	24.23	33	PASS
Band38	10MHz	16QAM	37800	1RB#0	23.54	24.45	33	PASS
Band38	10MHz	16QAM	37800	1RB#24	23.39	24.3	33	PASS
Band38	10MHz	16QAM	37800	1RB#49	23.33	24.24	33	PASS
Band38	10MHz	16QAM	37800	50RB#0	22.36	23.27	33	PASS
Band38	10MHz	16QAM	38000	1RB#0	23.59	24.5	33	PASS
Band38	10MHz	16QAM	38000	1RB#24	23.29	24.2	33	PASS
Band38	10MHz	16QAM	38000	1RB#49	23.35	24.26	33	PASS
Band38	10MHz	16QAM	38000	50RB#0	22.24	23.15	33	PASS
Band38	10MHz	16QAM	38200	1RB#0	23.69	24.6	33	PASS
Band38	10MHz	16QAM	38200	1RB#24	23.09	24	33	PASS
Band38	10MHz	16QAM	38200	1RB#49	23.39	24.3	33	PASS
Band38	10MHz	16QAM	38200	50RB#0	22.19	23.1	33	PASS
Band38	10MHz	64QAM	37800	1RB#0	22.34	23.25	33	PASS
Band38	10MHz	64QAM	37800	1RB#24	22.23	23.14	33	PASS
Band38	10MHz	64QAM	37800	1RB#49	22.32	23.23	33	PASS
Band38	10MHz	64QAM	37800	50RB#0	21.06	21.97	33	PASS
Band38	10MHz	64QAM	38000	1RB#0	22.61	23.52	33	PASS
Band38	10MHz	64QAM	38000	1RB#24	22.5	23.41	33	PASS
Band38	10MHz	64QAM	38000	1RB#49	22.48	23.39	33	PASS
Band38	10MHz	64QAM	38000	50RB#0	21.23	22.14	33	PASS
Band38	10MHz	64QAM	38200	1RB#0	22.35	23.26	33	PASS
Band38	10MHz	64QAM	38200	1RB#24	22.37	23.28	33	PASS

Band38	10MHz	64QAM	38200	1RB#49	22.61	23.52	33	PASS
Band38	10MHz	64QAM	38200	50RB#0	21.18	22.09	33	PASS
Band38	10MHz	256QAM	37800	1RB#0	19.53	20.44	33	PASS
Band38	10MHz	256QAM	37800	1RB#24	19.06	19.97	33	PASS
Band38	10MHz	256QAM	37800	1RB#49	19.49	20.4	33	PASS
Band38	10MHz	256QAM	37800	50RB#0	19.2	20.11	33	PASS
Band38	10MHz	256QAM	38000	1RB#0	19.35	20.26	33	PASS
Band38	10MHz	256QAM	38000	1RB#24	19.38	20.29	33	PASS
Band38	10MHz	256QAM	38000	1RB#49	19.45	20.36	33	PASS
Band38	10MHz	256QAM	38000	50RB#0	19.24	20.15	33	PASS
Band38	10MHz	256QAM	38200	1RB#0	19.29	20.2	33	PASS
Band38	10MHz	256QAM	38200	1RB#24	19.31	20.22	33	PASS
Band38	10MHz	256QAM	38200	1RB#49	19.24	20.15	33	PASS
Band38	10MHz	256QAM	38200	50RB#0	19.27	20.18	33	PASS
Band38	15MHz	QPSK	37825	1RB#0	24.02	24.93	33	PASS
Band38	15MHz	QPSK	37825	1RB#38	23.72	24.63	33	PASS
Band38	15MHz	QPSK	37825	1RB#74	23.6	24.51	33	PASS
Band38	15MHz	QPSK	37825	75RB#0	23.12	24.03	33	PASS
Band38	15MHz	QPSK	38000	1RB#0	24.08	24.99	33	PASS
Band38	15MHz	QPSK	38000	1RB#38	23.67	24.58	33	PASS
Band38	15MHz	QPSK	38000	1RB#74	23.58	24.49	33	PASS
Band38	15MHz	QPSK	38000	75RB#0	23.03	23.94	33	PASS
Band38	15MHz	QPSK	38175	1RB#0	24.08	24.99	33	PASS
Band38	15MHz	QPSK	38175	1RB#38	23.47	24.38	33	PASS
Band38	15MHz	QPSK	38175	1RB#74	23.52	24.43	33	PASS
Band38	15MHz	QPSK	38175	75RB#0	23.1	24.01	33	PASS
Band38	15MHz	16QAM	37825	1RB#0	23.29	24.2	33	PASS
Band38	15MHz	16QAM	37825	1RB#38	23.03	23.94	33	PASS
Band38	15MHz	16QAM	37825	1RB#74	23.32	24.23	33	PASS
Band38	15MHz	16QAM	37825	75RB#0	22.14	23.05	33	PASS
Band38	15MHz	16QAM	38000	1RB#0	23.38	24.29	33	PASS
Band38	15MHz	16QAM	38000	1RB#38	23.14	24.05	33	PASS
Band38	15MHz	16QAM	38000	1RB#74	23.09	24	33	PASS
Band38	15MHz	16QAM	38000	75RB#0	22.1	23.01	33	PASS
Band38	15MHz	16QAM	38175	1RB#0	23.2	24.11	33	PASS
Band38	15MHz	16QAM	38175	1RB#38	23.2	24.11	33	PASS
Band38	15MHz	16QAM	38175	1RB#74	23.01	23.92	33	PASS
Band38	15MHz	16QAM	38175	75RB#0	22.06	22.97	33	PASS
Band38	15MHz	64QAM	37825	1RB#0	22.24	23.15	33	PASS
Band38	15MHz	64QAM	37825	1RB#38	22.01	22.92	33	PASS
Band38	15MHz	64QAM	37825	1RB#74	22.24	23.15	33	PASS
Band38	15MHz	64QAM	37825	75RB#0	20.89	21.8	33	PASS
Band38	15MHz	64QAM	38000	1RB#0	22.31	23.22	33	PASS
Band38	15MHz	64QAM	38000	1RB#38	22.29	23.2	33	PASS
Band38	15MHz	64QAM	38000	1RB#74	22.08	22.99	33	PASS

Band38	15MHz	64QAM	38000	75RB#0	21.03	21.94	33	PASS
Band38	15MHz	64QAM	38175	1RB#0	22.23	23.14	33	PASS
Band38	15MHz	64QAM	38175	1RB#38	22.23	23.14	33	PASS
Band38	15MHz	64QAM	38175	1RB#74	22	22.91	33	PASS
Band38	15MHz	64QAM	38175	75RB#0	21.03	21.94	33	PASS
Band38	15MHz	256QAM	37825	1RB#0	18.94	19.85	33	PASS
Band38	15MHz	256QAM	37825	1RB#38	19.12	20.03	33	PASS
Band38	15MHz	256QAM	37825	1RB#74	19.36	20.27	33	PASS
Band38	15MHz	256QAM	37825	75RB#0	19.03	19.94	33	PASS
Band38	15MHz	256QAM	38000	1RB#0	19.16	20.07	33	PASS
Band38	15MHz	256QAM	38000	1RB#38	19.27	20.18	33	PASS
Band38	15MHz	256QAM	38000	1RB#74	19.02	19.93	33	PASS
Band38	15MHz	256QAM	38000	75RB#0	19.11	20.02	33	PASS
Band38	15MHz	256QAM	38175	1RB#0	19.15	20.06	33	PASS
Band38	15MHz	256QAM	38175	1RB#38	18.89	19.8	33	PASS
Band38	15MHz	256QAM	38175	1RB#74	19.28	20.19	33	PASS
Band38	15MHz	256QAM	38175	75RB#0	19.12	20.03	33	PASS
Band38	20MHz	QPSK	37850	1RB#0	23.98	24.89	33	PASS
Band38	20MHz	QPSK	37850	1RB#49	23.68	24.59	33	PASS
Band38	20MHz	QPSK	37850	1RB#99	23.66	24.57	33	PASS
Band38	20MHz	QPSK	37850	100RB#0	23.16	24.07	33	PASS
Band38	20MHz	QPSK	38000	1RB#0	23.99	24.9	33	PASS
Band38	20MHz	QPSK	38000	1RB#49	23.62	24.53	33	PASS
Band38	20MHz	QPSK	38000	1RB#99	23.57	24.48	33	PASS
Band38	20MHz	QPSK	38000	100RB#0	23.13	24.04	33	PASS
Band38	20MHz	QPSK	38150	1RB#0	24.12	25.03	33	PASS
Band38	20MHz	QPSK	38150	1RB#49	23.55	24.46	33	PASS
Band38	20MHz	QPSK	38150	1RB#99	23.49	24.4	33	PASS
Band38	20MHz	QPSK	38150	100RB#0	23.14	24.05	33	PASS
Band38	20MHz	16QAM	37850	1RB#0	23.3	24.21	33	PASS
Band38	20MHz	16QAM	37850	1RB#49	23.15	24.06	33	PASS
Band38	20MHz	16QAM	37850	1RB#99	23.07	23.98	33	PASS
Band38	20MHz	16QAM	37850	100RB#0	22.17	23.08	33	PASS
Band38	20MHz	16QAM	38000	1RB#0	23.28	24.19	33	PASS
Band38	20MHz	16QAM	38000	1RB#49	23.14	24.05	33	PASS
Band38	20MHz	16QAM	38000	1RB#99	23	23.91	33	PASS
Band38	20MHz	16QAM	38000	100RB#0	22.12	23.03	33	PASS
Band38	20MHz	16QAM	38150	1RB#0	23.2	24.11	33	PASS
Band38	20MHz	16QAM	38150	1RB#49	22.97	23.88	33	PASS
Band38	20MHz	16QAM	38150	1RB#99	23.01	23.92	33	PASS
Band38	20MHz	16QAM	38150	100RB#0	22.11	23.02	33	PASS
Band38	20MHz	64QAM	37850	1RB#0	22.37	23.28	33	PASS
Band38	20MHz	64QAM	37850	1RB#49	22.21	23.12	33	PASS
Band38	20MHz	64QAM	37850	1RB#99	22.24	23.15	33	PASS
Band38	20MHz	64QAM	37850	100RB#0	21.06	21.97	33	PASS

Band38	20MHz	64QAM	38000	1RB#0	22.4	23.31	33	PASS
Band38	20MHz	64QAM	38000	1RB#49	22.36	23.27	33	PASS
Band38	20MHz	64QAM	38000	1RB#99	22.31	23.22	33	PASS
Band38	20MHz	64QAM	38000	100RB#0	21.04	21.95	33	PASS
Band38	20MHz	64QAM	38150	1RB#0	22.33	23.24	33	PASS
Band38	20MHz	64QAM	38150	1RB#49	22.19	23.1	33	PASS
Band38	20MHz	64QAM	38150	1RB#99	22.37	23.28	33	PASS
Band38	20MHz	64QAM	38150	100RB#0	21.1	22.01	33	PASS
Band38	20MHz	256QAM	37850	1RB#0	19.06	19.97	33	PASS
Band38	20MHz	256QAM	37850	1RB#49	19.13	20.04	33	PASS
Band38	20MHz	256QAM	37850	1RB#99	19.09	20	33	PASS
Band38	20MHz	256QAM	37850	100RB#0	19.05	19.96	33	PASS
Band38	20MHz	256QAM	38000	1RB#0	19.16	20.07	33	PASS
Band38	20MHz	256QAM	38000	1RB#49	19.2	20.11	33	PASS
Band38	20MHz	256QAM	38000	1RB#99	19.13	20.04	33	PASS
Band38	20MHz	256QAM	38000	100RB#0	19.12	20.03	33	PASS
Band38	20MHz	256QAM	38150	1RB#0	19.27	20.18	33	PASS
Band38	20MHz	256QAM	38150	1RB#49	19.32	20.23	33	PASS
Band38	20MHz	256QAM	38150	1RB#99	19.36	20.27	33	PASS
Band38	20MHz	256QAM	38150	100RB#0	19.12	20.03	33	PASS

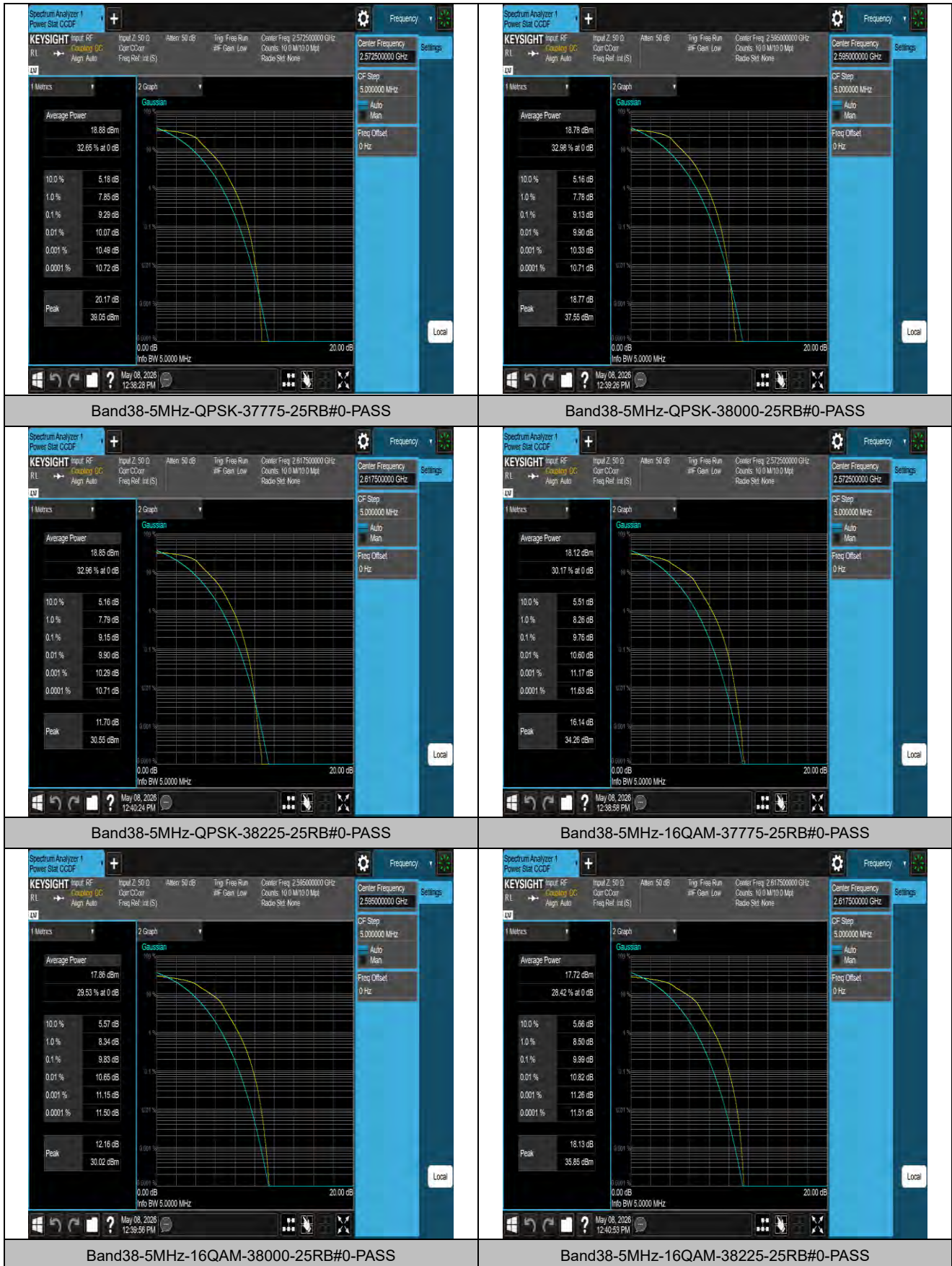
Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	9.29	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	9.13	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	9.15	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	9.76	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	9.83	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	9.99	13	PASS
Band38	5MHz	64QAM	37775	25RB#0	10.16	13	PASS
Band38	5MHz	64QAM	38000	25RB#0	10.04	13	PASS
Band38	5MHz	64QAM	38225	25RB#0	10.09	13	PASS
Band38	5MHz	256QAM	37775	25RB#0	10.46	13	PASS
Band38	5MHz	256QAM	38000	25RB#0	10.47	13	PASS
Band38	5MHz	256QAM	38225	25RB#0	10.65	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.84	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.93	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.85	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	9.84	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	9.40	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	9.70	13	PASS
Band38	10MHz	64QAM	37800	50RB#0	10.15	13	PASS
Band38	10MHz	64QAM	38000	50RB#0	9.89	13	PASS
Band38	10MHz	64QAM	38200	50RB#0	10.03	13	PASS
Band38	10MHz	256QAM	37800	50RB#0	10.24	13	PASS
Band38	10MHz	256QAM	38000	50RB#0	10.34	13	PASS
Band38	10MHz	256QAM	38200	50RB#0	10.49	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	9.07	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	9.00	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	9.05	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	9.67	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	9.83	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	9.37	13	PASS
Band38	15MHz	64QAM	37825	75RB#0	10.33	13	PASS
Band38	15MHz	64QAM	38000	75RB#0	9.91	13	PASS
Band38	15MHz	64QAM	38175	75RB#0	10.24	13	PASS
Band38	15MHz	256QAM	37825	75RB#0	10.33	13	PASS
Band38	15MHz	256QAM	38000	75RB#0	10.42	13	PASS
Band38	15MHz	256QAM	38175	75RB#0	10.14	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	9.41	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	8.82	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	8.79	13	PASS

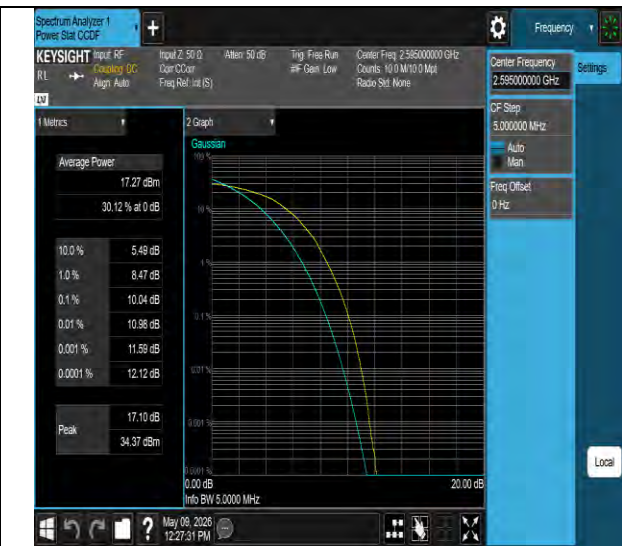
Band38	20MHz	16QAM	37850	100RB#0	9.95	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	10.01	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	9.85	13	PASS
Band38	20MHz	64QAM	37850	100RB#0	10.50	13	PASS
Band38	20MHz	64QAM	38000	100RB#0	9.98	13	PASS
Band38	20MHz	64QAM	38150	100RB#0	9.98	13	PASS
Band38	20MHz	256QAM	37850	100RB#0	10.15	13	PASS
Band38	20MHz	256QAM	38000	100RB#0	10.33	13	PASS
Band38	20MHz	256QAM	38150	100RB#0	10.06	13	PASS

Test Graphs

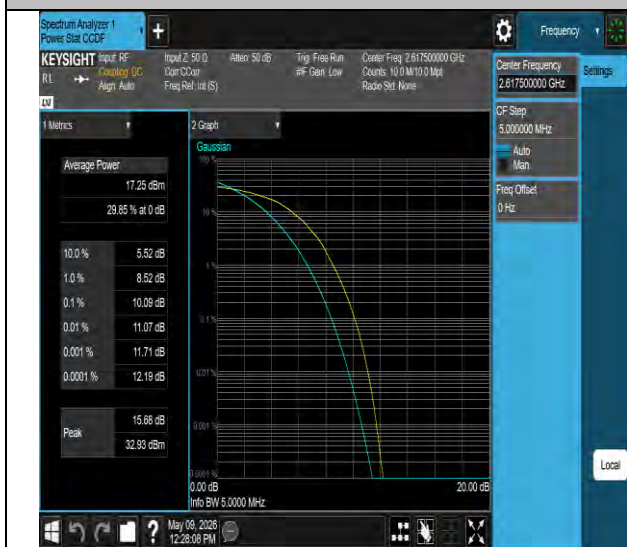




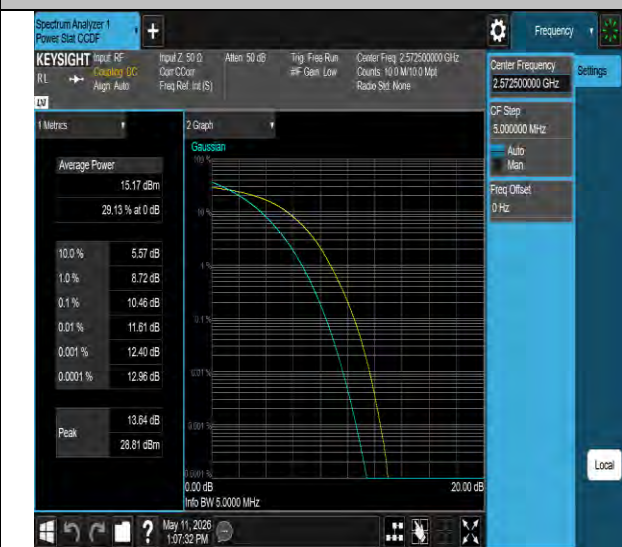
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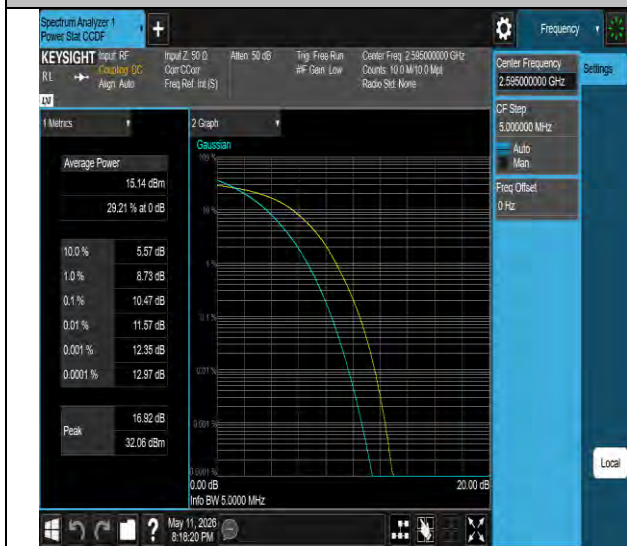
Band38-5MHz-64QAM-38000-25RB#0-PASS



Band38-5MHz-64QAM-38225-25RB#0-PASS



Band38-5MHz-256QAM-37775-25RB#0-PASS



Band38-5MHz-256QAM-38000-25RB#0-PASS



Band38-5MHz-256QAM-38225-25RB#0-PASS



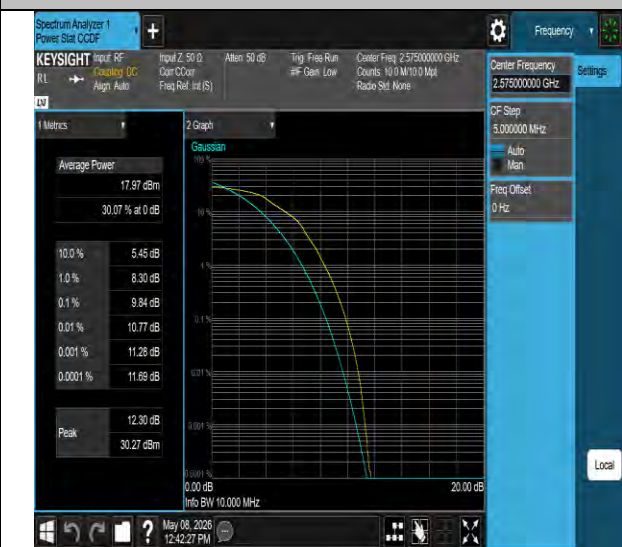
Band38-10MHz-QPSK-37800-50RB#0-PASS



Band38-10MHz-QPSK-38000-50RB#0-PASS



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



Band38-10MHz-16QAM-37800-50RB#0-PASS



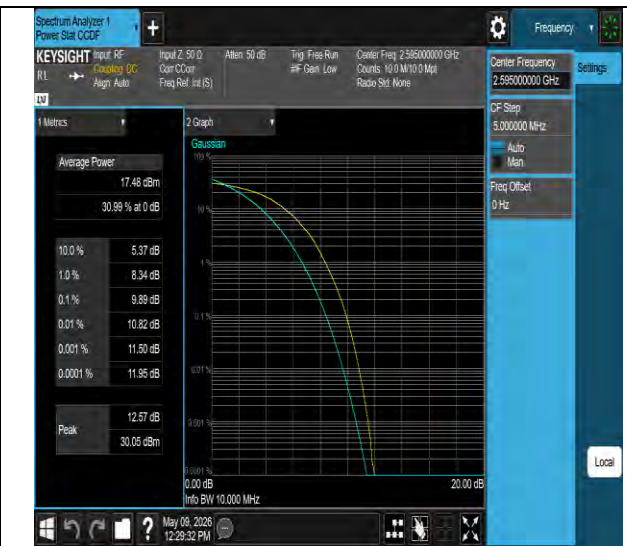
Band38-10MHz-16QAM-38000-50RB#0-PASS



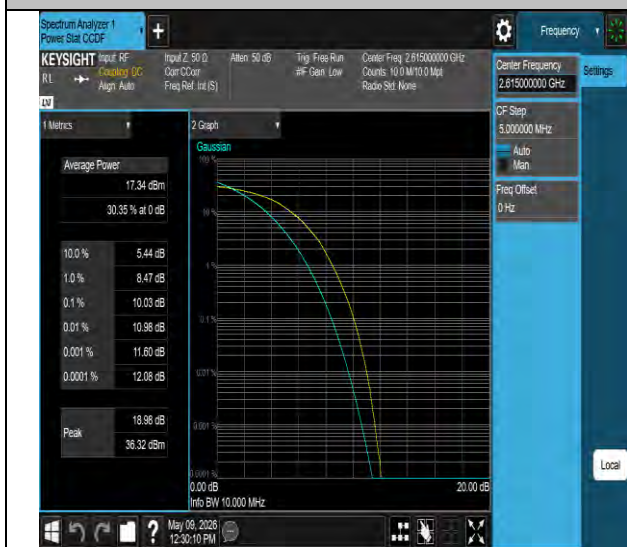
Band38-10MHz-16QAM-38200-50RB#0-PASS



Band38-10MHz-64QAM-37800-50RB#0-PASS



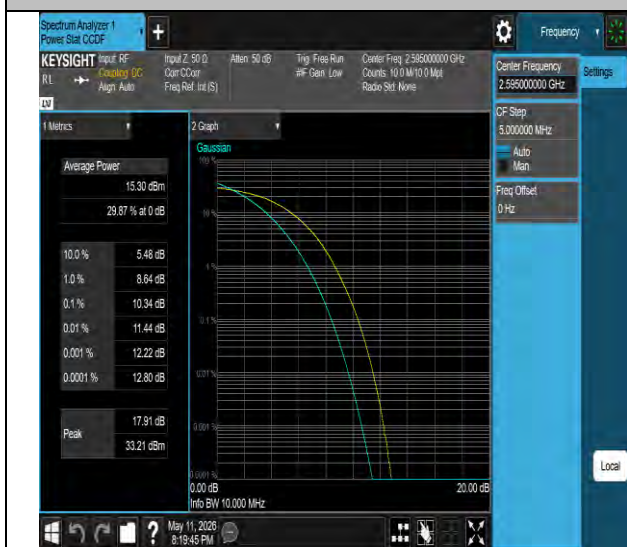
Band38-10MHz-64QAM-38000-50RB#0-PASS



Band38-10MHz-64QAM-38200-50RB#0-PASS



Band38-10MHz-256QAM-37800-50RB#0-PASS



Band38-10MHz-256QAM-38000-50RB#0-PASS



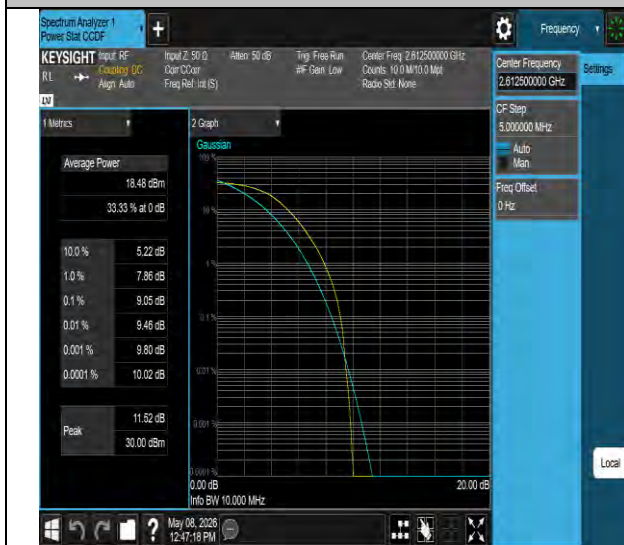
Band38-10MHz-256QAM-38200-50RB#0-PASS



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



Band38-15MHz-QPSK-38000-75RB#0-PASS



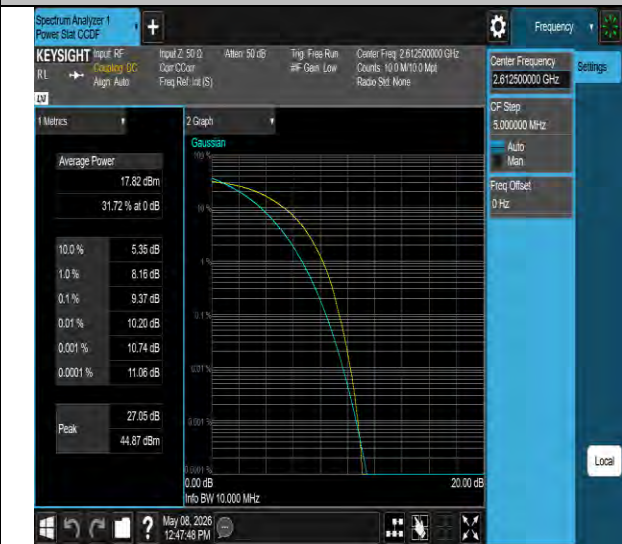
Band38-15MHz-QPSK-38175-75RB#0-PASS



Band38-15MHz-16QAM-37825-75RB#0-PASS



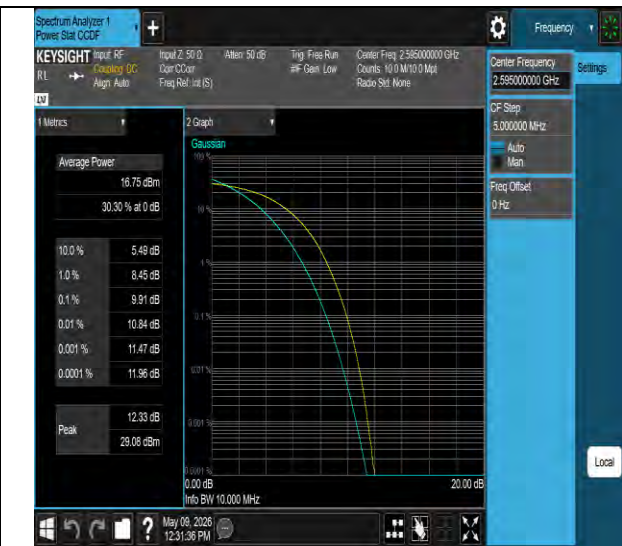
Band38-15MHz-16QAM-38000-75RB#0-PASS



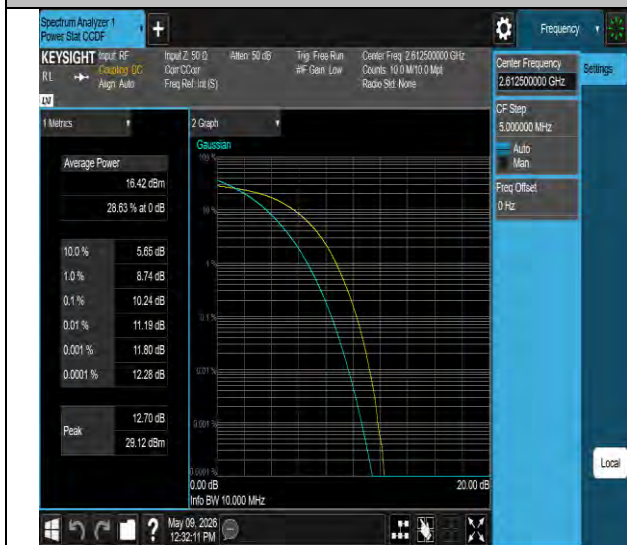
Band38-15MHz-16QAM-38175-75RB#0-PASS



Band38-15MHz-64QAM-37825-75RB#0-PASS



Band38-15MHz-64QAM-38000-75RB#0-PASS



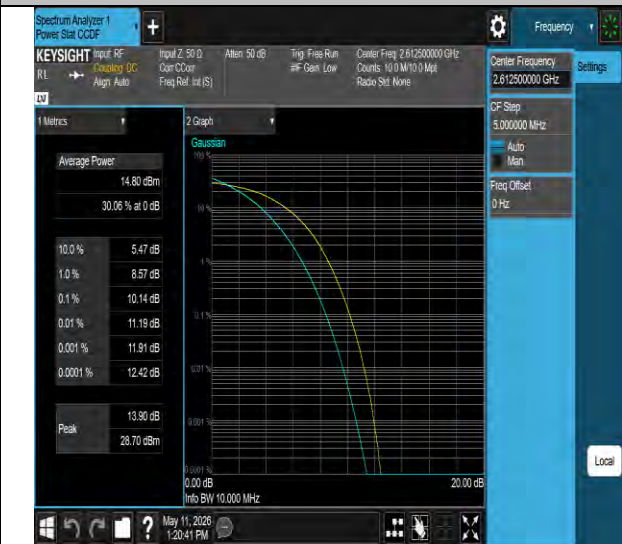
Band38-15MHz-64QAM-38175-75RB#0-PASS



Band38-15MHz-256QAM-37825-75RB#0-PASS



Band38-15MHz-256QAM-38000-75RB#0-PASS



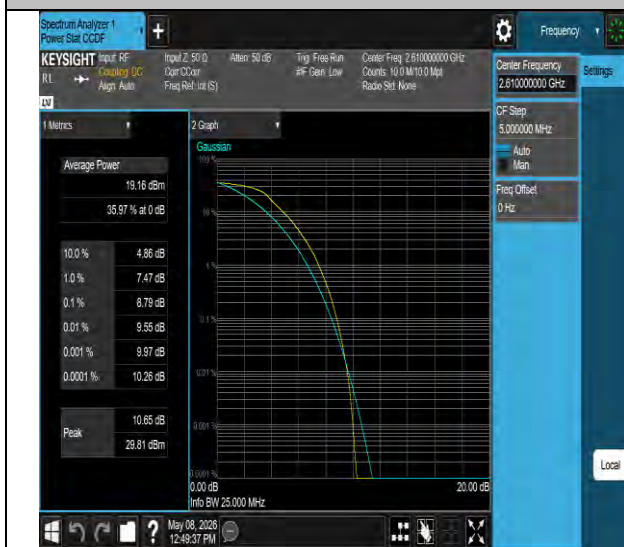
Band38-15MHz-256QAM-38175-75RB#0-PASS



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



Band38-20MHz-QPSK-38000-100RB#0-PASS



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



Band38-20MHz-16QAM-37850-100RB#0-PASS



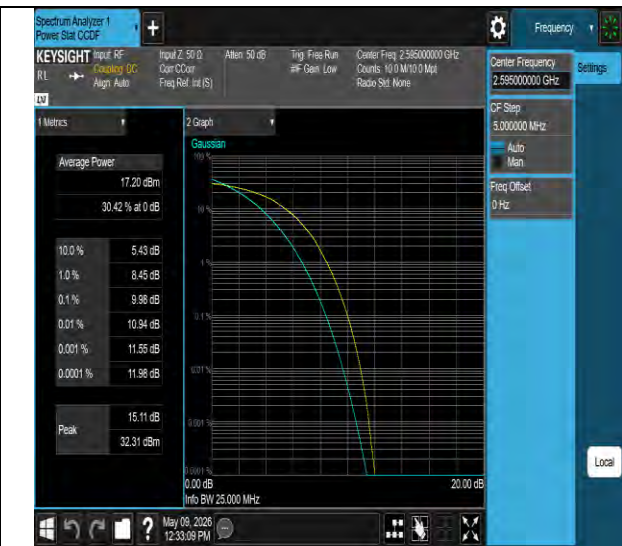
Band38-20MHz-16QAM-38000-100RB#0-PASS



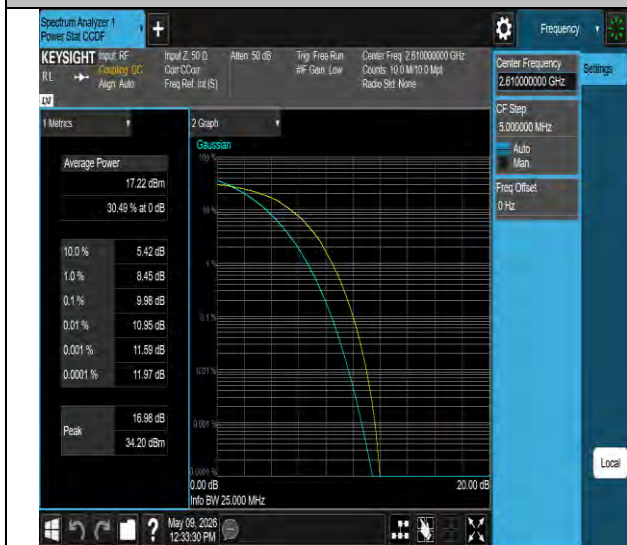
Band38-20MHz-16QAM-38150-100RB#0-PASS



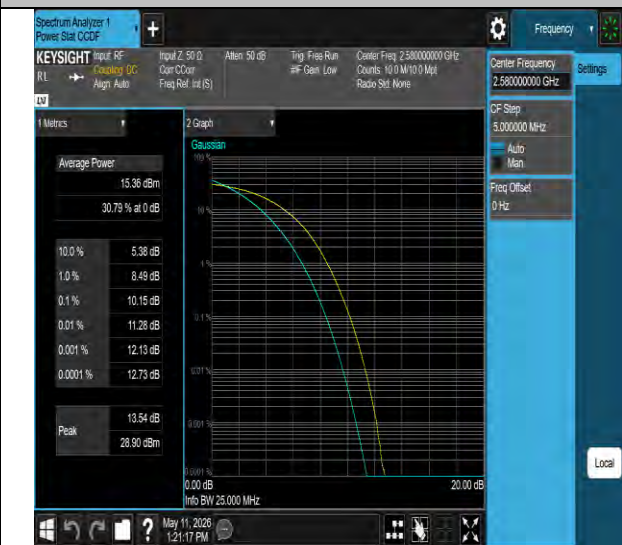
Band38-20MHz-64QAM-37850-100RB#0-PASS



Band38-20MHz-64QAM-38000-100RB#0-PASS



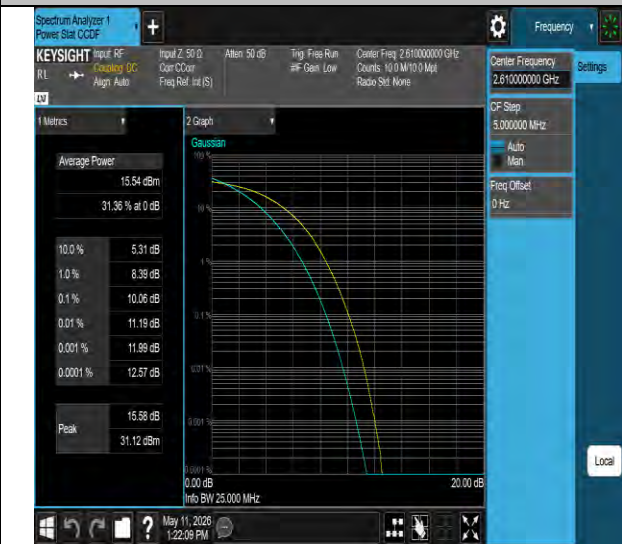
Band38-20MHz-64QAM-38150-100RB#0-PASS



Band38-20MHz-256QAM-37850-100RB#0-PASS



Band38-20MHz-256QAM-38000-100RB#0-PASS



Band38-20MHz-256QAM-38150-100RB#0-PASS

26dB Bandwidth and Occupied Bandwidth

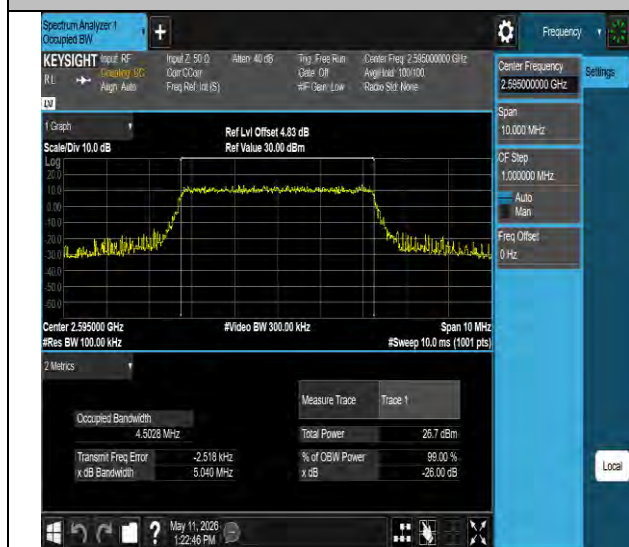
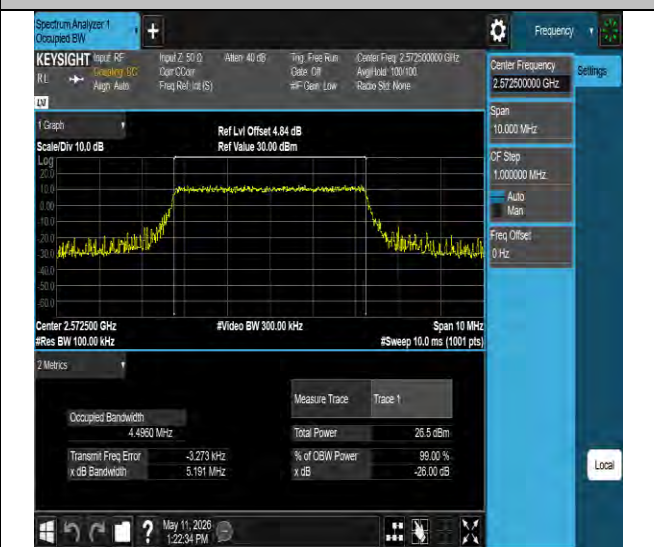
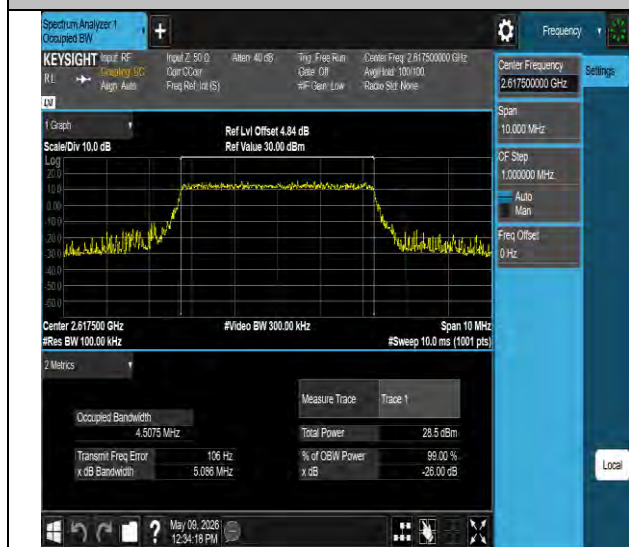
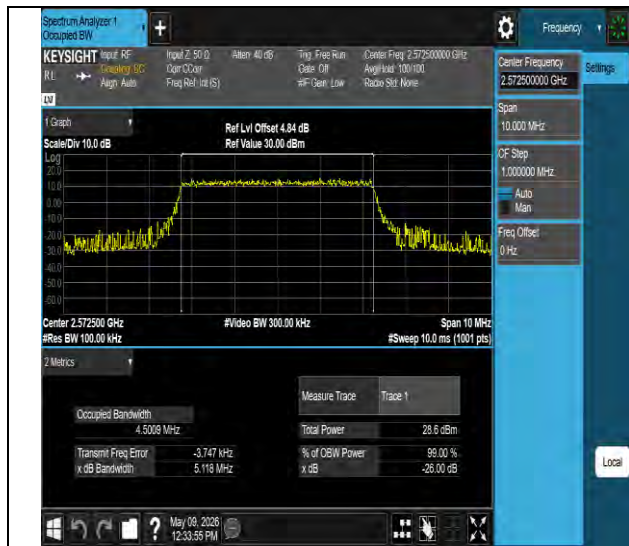
Test Result

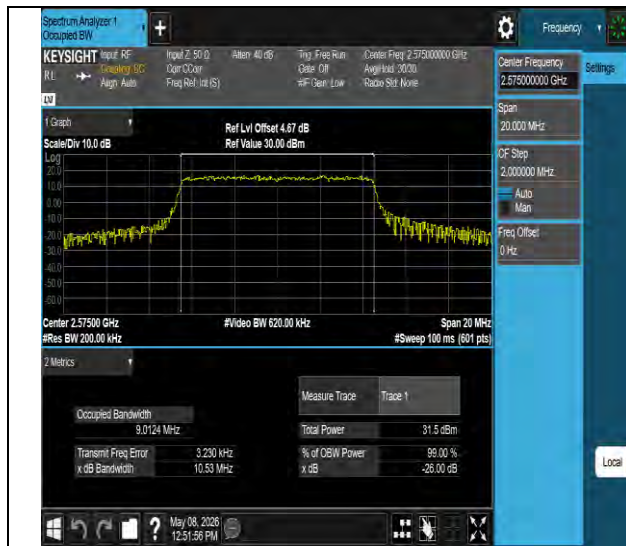
Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.5034	5.266	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.5172	5.149	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.5194	5.312	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.5177	5.366	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.5093	5.351	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.5147	5.503	PASS
Band38	5MHz	64QAM	37775	25RB#0	4.5009	5.118	PASS
Band38	5MHz	64QAM	38000	25RB#0	4.4972	5.241	PASS
Band38	5MHz	64QAM	38225	25RB#0	4.5075	5.086	PASS
Band38	5MHz	256QAM	37775	25RB#0	4.4960	5.191	PASS
Band38	5MHz	256QAM	38000	25RB#0	4.5028	5.040	PASS
Band38	5MHz	256QAM	38225	25RB#0	4.5028	5.222	PASS
Band38	10MHz	QPSK	37800	50RB#0	9.0124	10.53	PASS
Band38	10MHz	QPSK	38000	50RB#0	9.0427	10.55	PASS
Band38	10MHz	QPSK	38200	50RB#0	9.0075	10.12	PASS
Band38	10MHz	16QAM	37800	50RB#0	9.0125	10.66	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9947	11.01	PASS
Band38	10MHz	16QAM	38200	50RB#0	9.0122	11.04	PASS
Band38	10MHz	64QAM	37800	50RB#0	8.9640	9.831	PASS
Band38	10MHz	64QAM	38000	50RB#0	8.9792	10.61	PASS
Band38	10MHz	64QAM	38200	50RB#0	8.9888	9.935	PASS
Band38	10MHz	256QAM	37800	50RB#0	9.0014	10.30	PASS
Band38	10MHz	256QAM	38000	50RB#0	8.9673	10.02	PASS
Band38	10MHz	256QAM	38200	50RB#0	8.9838	10.50	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.485	15.57	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.505	15.21	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.522	15.08	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.510	15.63	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.515	15.31	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.505	16.19	PASS
Band38	15MHz	64QAM	37825	75RB#0	13.494	14.93	PASS
Band38	15MHz	64QAM	38000	75RB#0	13.433	15.12	PASS
Band38	15MHz	64QAM	38175	75RB#0	13.459	14.73	PASS
Band38	15MHz	256QAM	37825	75RB#0	13.507	14.72	PASS
Band38	15MHz	256QAM	38000	75RB#0	13.454	14.81	PASS
Band38	15MHz	256QAM	38175	75RB#0	13.468	14.82	PASS
Band38	20MHz	QPSK	37850	100RB#0	18.003	20.29	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.985	20.44	PASS

Band38	20MHz	QPSK	38150	100RB#0	18.024	21.55	PASS
Band38	20MHz	16QAM	37850	100RB#0	18.020	22.97	PASS
Band38	20MHz	16QAM	38000	100RB#0	18.001	20.94	PASS
Band38	20MHz	16QAM	38150	100RB#0	18.029	20.97	PASS
Band38	20MHz	64QAM	37850	100RB#0	17.938	20.00	PASS
Band38	20MHz	64QAM	38000	100RB#0	17.908	19.92	PASS
Band38	20MHz	64QAM	38150	100RB#0	17.982	20.33	PASS
Band38	20MHz	256QAM	37850	100RB#0	17.953	20.72	PASS
Band38	20MHz	256QAM	38000	100RB#0	17.944	19.87	PASS
Band38	20MHz	256QAM	38150	100RB#0	17.972	19.54	PASS

Test Graphs







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



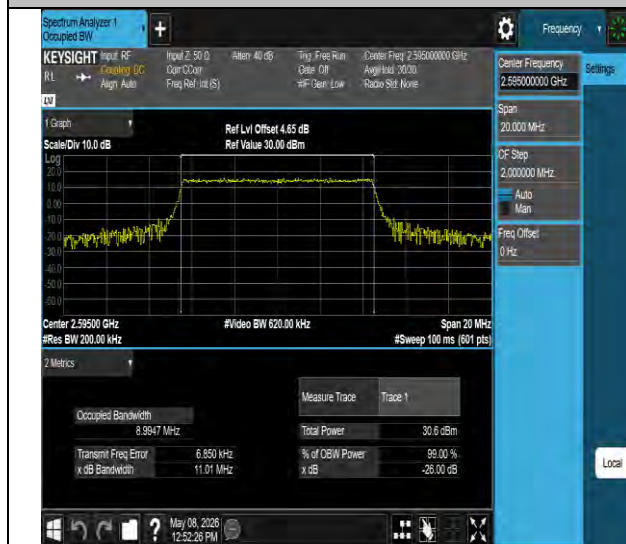
Band38-10MHz-QPSK-38000-50RB#0-PASS



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



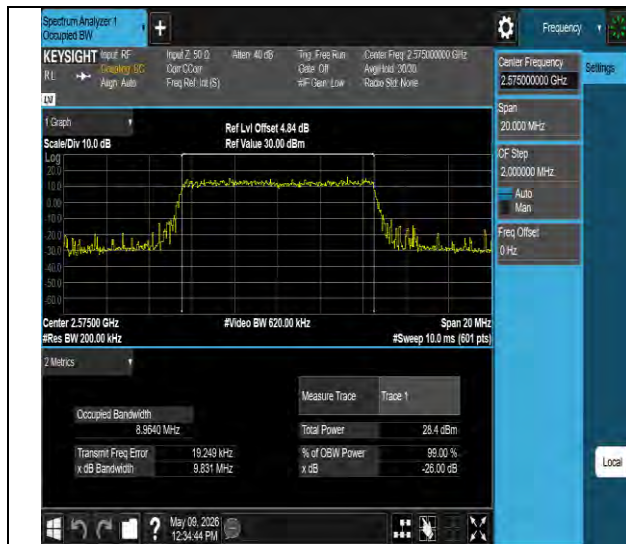
Band38-10MHz-16QAM-37800-50RB#0-PASS



Band38-10MHz-16QAM-38000-50RB#0-PASS



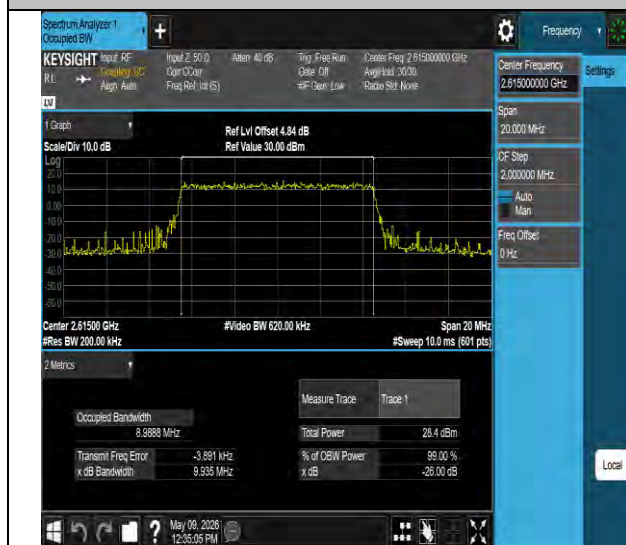
Band38-10MHz-16QAM-38200-50RB#0-PASS



Band38-10MHz-64QAM-37800-50RB#0-PASS



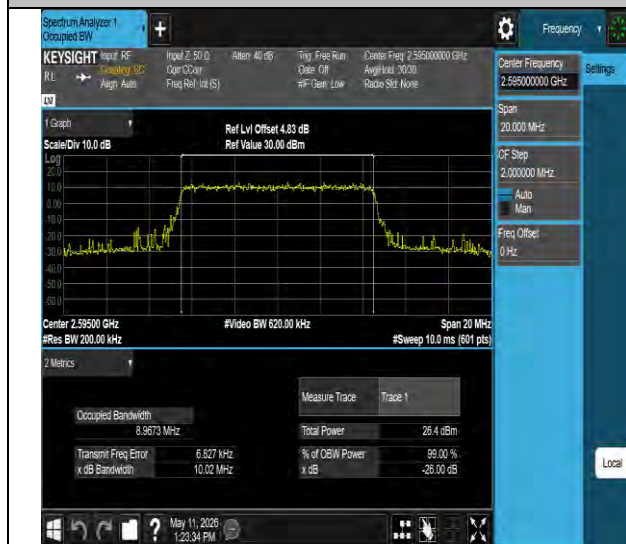
Band38-10MHz-64QAM-38000-50RB#0-PASS



Band38-10MHz-64QAM-38200-50RB#0-PASS



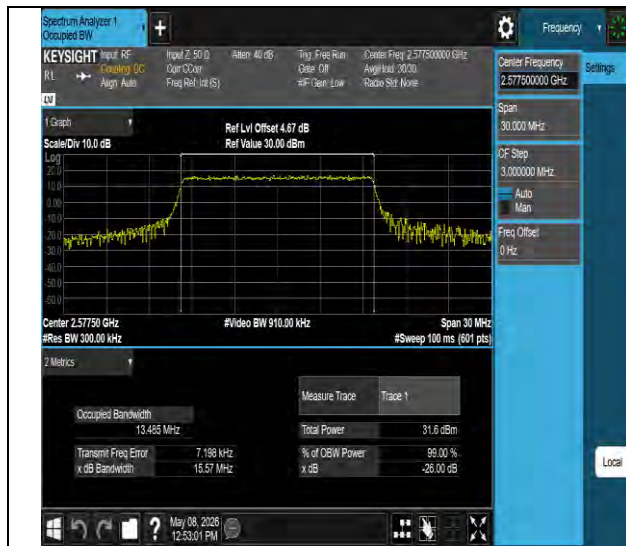
Band38-10MHz-256QAM-37800-50RB#0-PASS



Band38-10MHz-256QAM-38000-50RB#0-PASS



Band38-10MHz-256QAM-38200-50RB#0-PASS



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



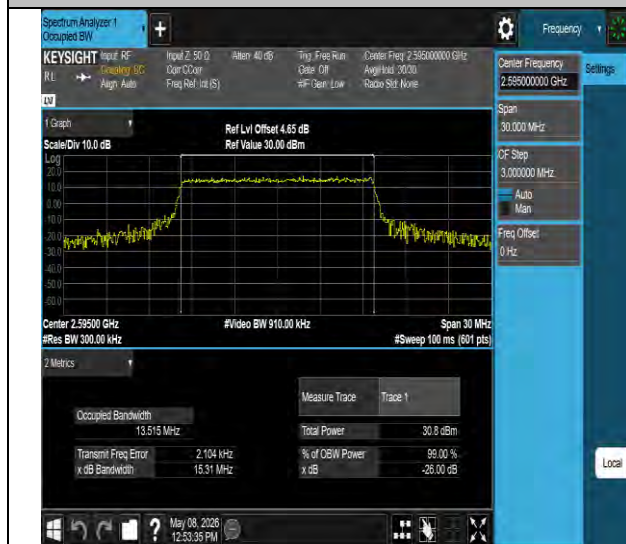
Band38-15MHz-QPSK-38000-75RB#0-PASS



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



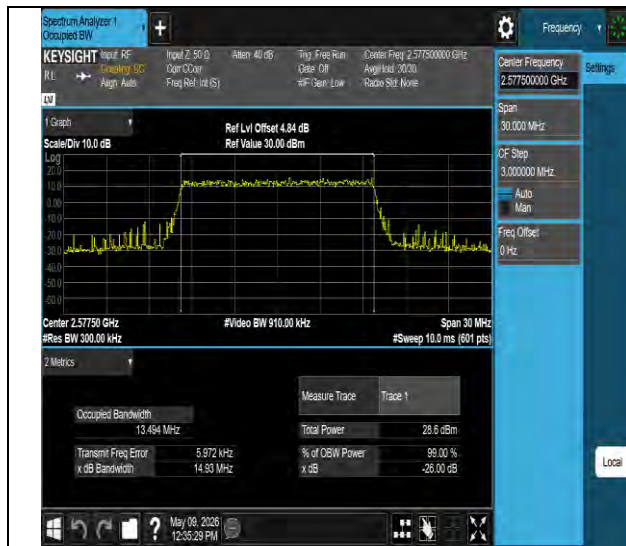
Band38-15MHz-16QAM-37825-75RB#0-PASS



Band38-15MHz-16QAM-38000-75RB#0-PASS



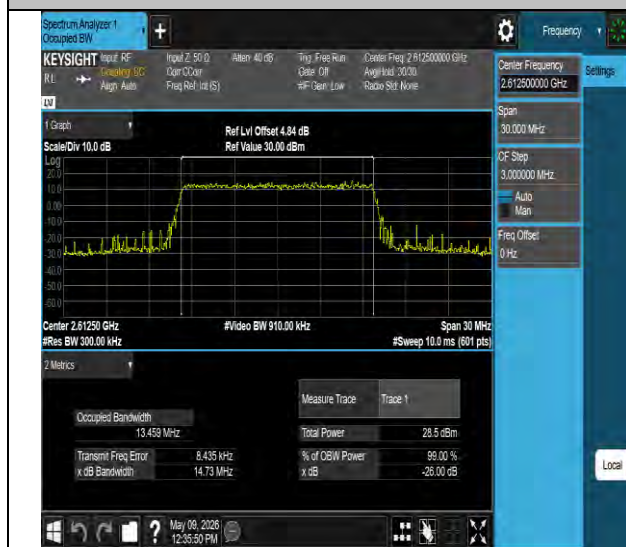
Band38-15MHz-16QAM-38175-75RB#0-PASS



Band38-15MHz-64QAM-37825-75RB#0-PASS



Band38-15MHz-64QAM-38000-75RB#0-PASS



Band38-15MHz-64QAM-38175-75RB#0-PASS



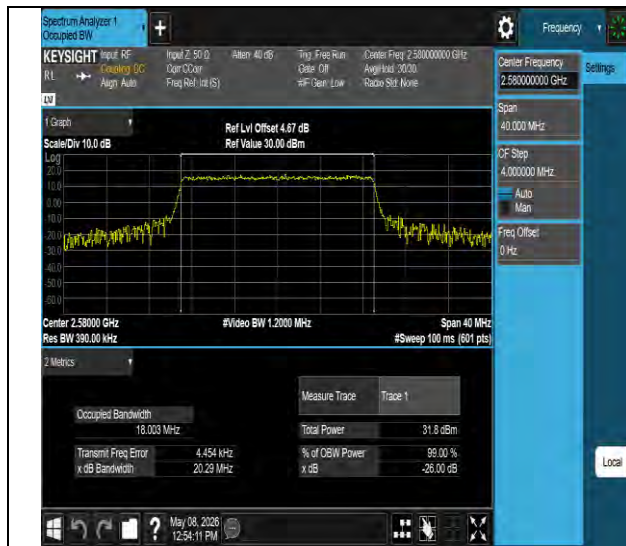
Band38-15MHz-256QAM-37825-75RB#0-PASS



Band38-15MHz-256QAM-38000-75RB#0-PASS



Band38-15MHz-256QAM-38175-75RB#0-PASS



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



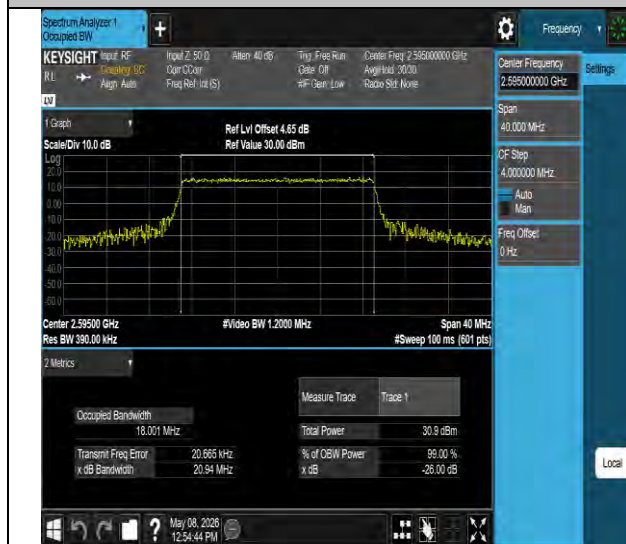
Band38-20MHz-QPSK-38000-100RB#0-PASS



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



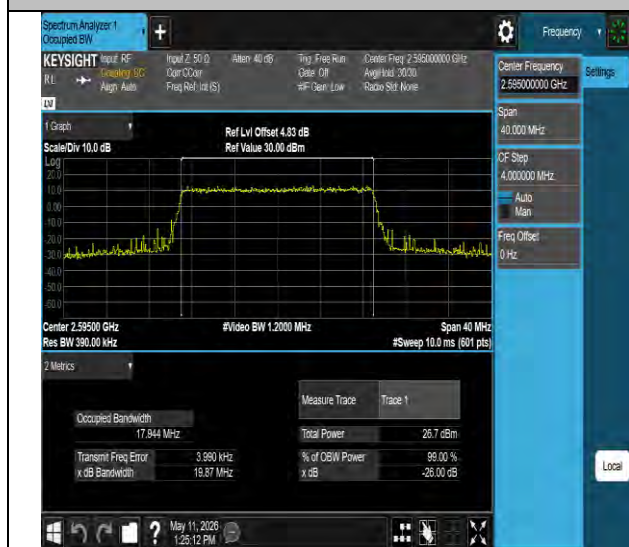
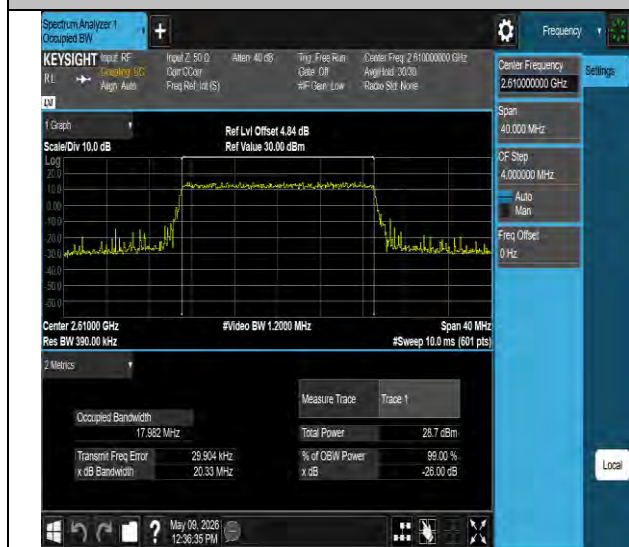
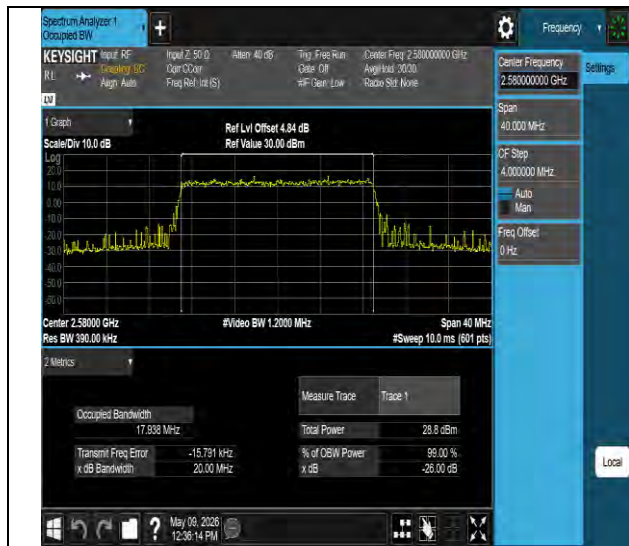
Band38-20MHz-16QAM-37850-100RB#0-PASS



Band38-20MHz-16QAM-38000-100RB#0-PASS

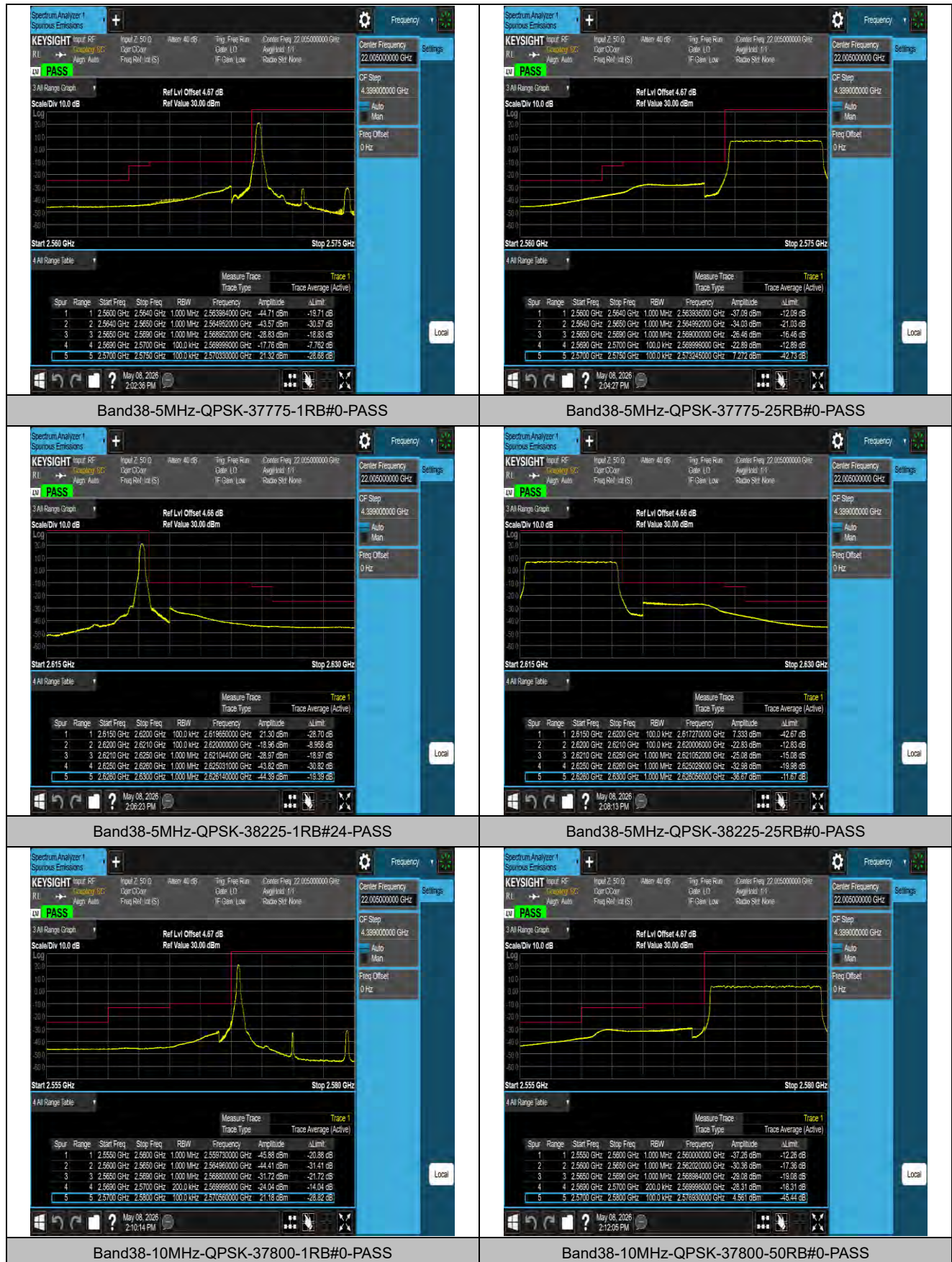


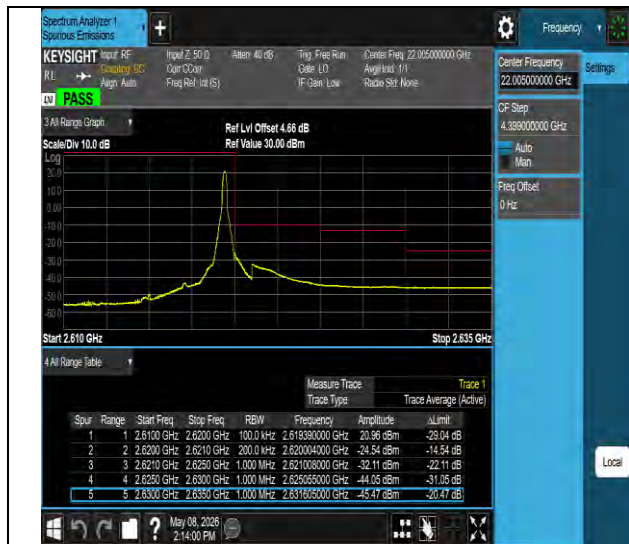
Band38-20MHz-16QAM-38150-100RB#0-PASS



Band Edge

Test Graphs

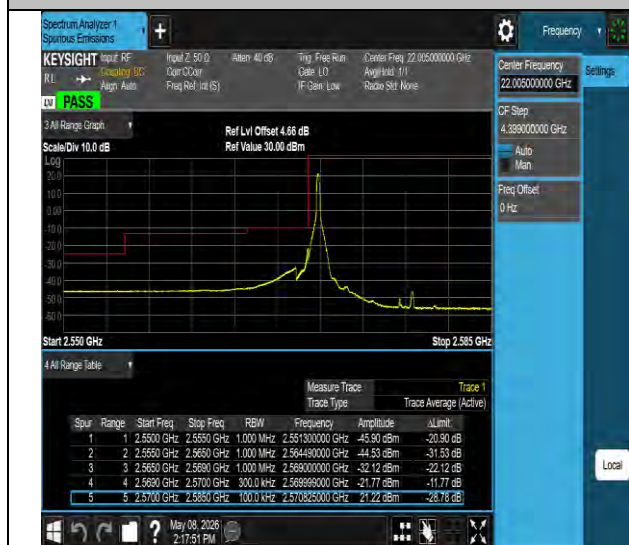




Band38-10MHz-QPSK-38200-1RB#49-PASS



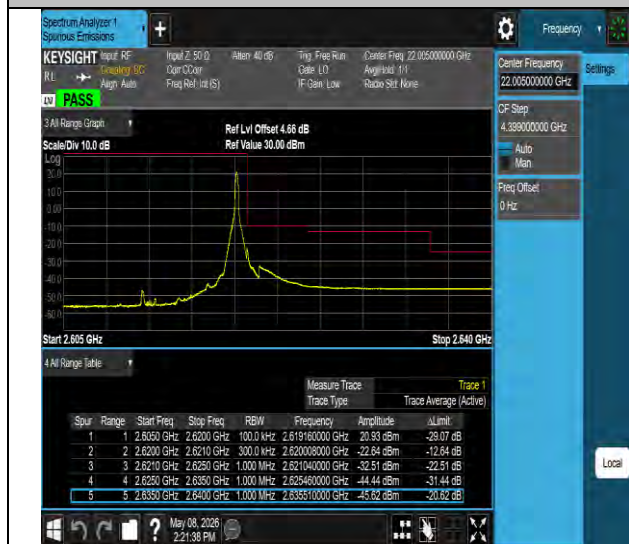
Band38-10MHz-QPSK-38200-50RB#0-PASS



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



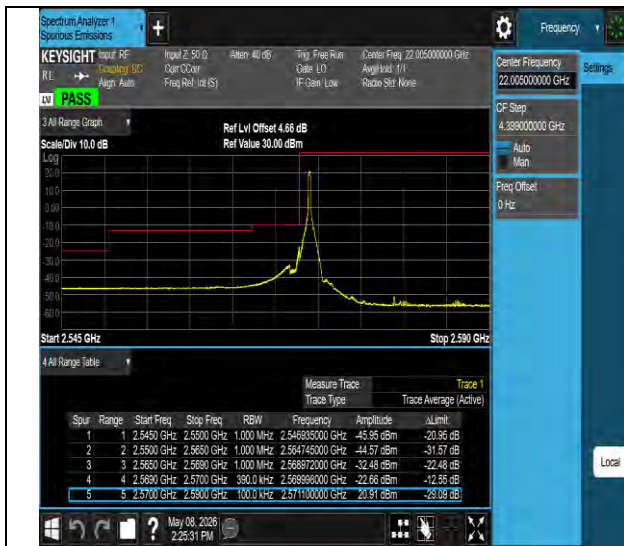
Band38-15MHz-QPSK-37825-75RB#0-PASS



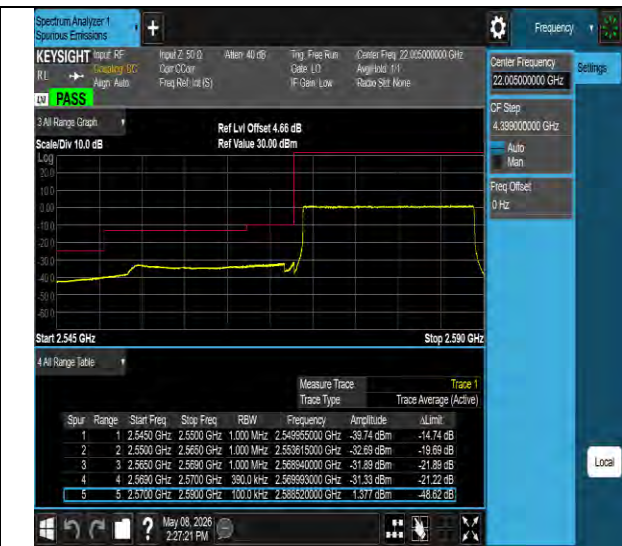
Band38-15MHz-QPSK-38175-1RB#74-PASS



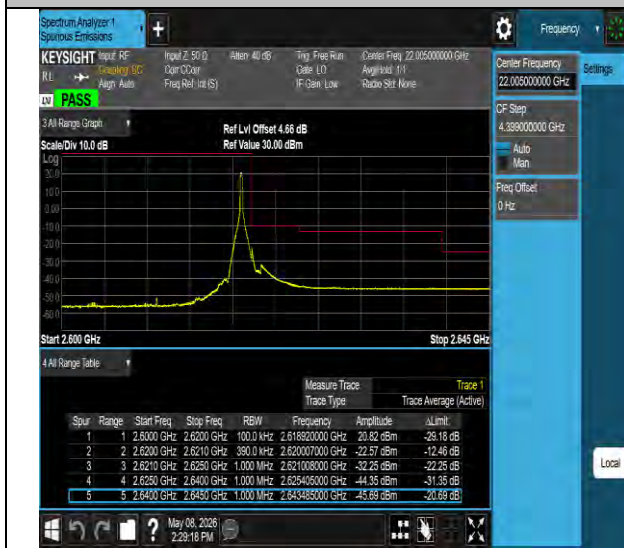
Band38-15MHz-QPSK-38175-75RB#0-PASS



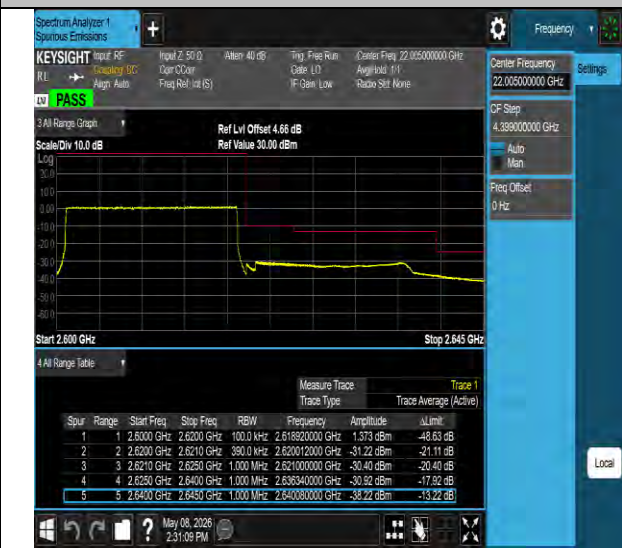
Band38-20MHz-QPSK-37850-1RB#0-PASS



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



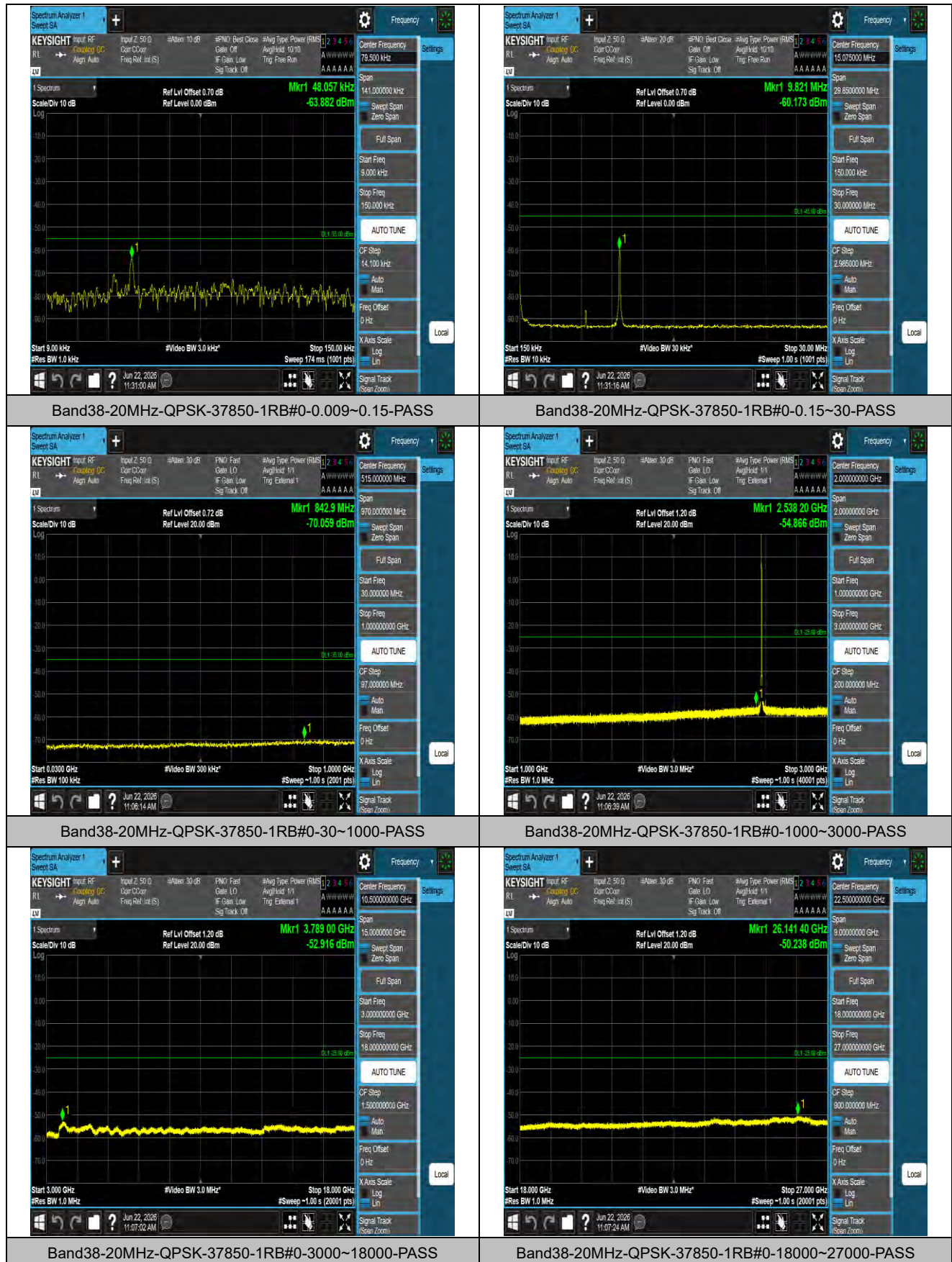
Band38-20MHz-QPSK-38150-1RB#99-PASS

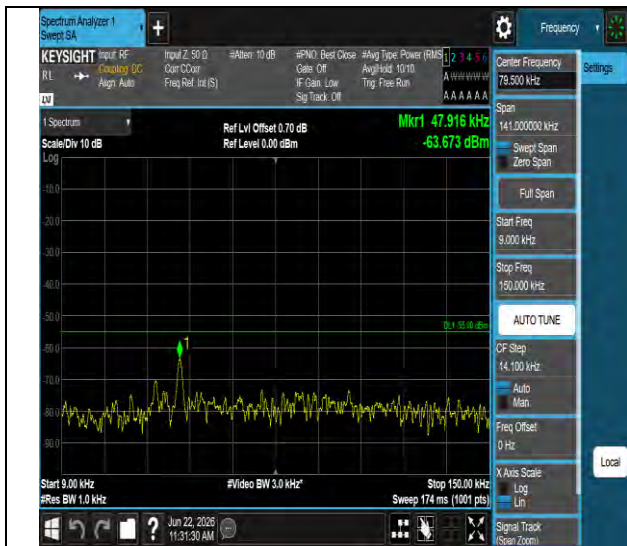


Band38-20MHz-QPSK-38150-100RB#0-PASS

Conducted Spurious Emission

Test Graphs





Band38-20MHz-QPSK-38000-1RB#0-0.009~0.15-PASS



Band38-20MHz-QPSK-38000-1RB#0-0.15~30-PASS



Band38-20MHz-QPSK-38000-1RB#0-30~1000-PASS



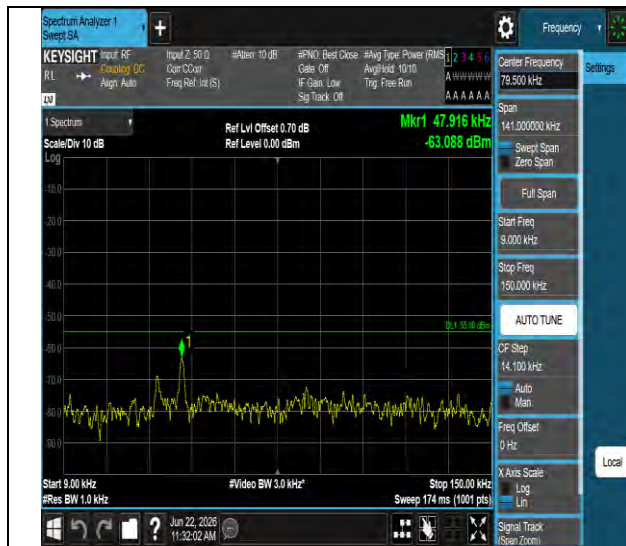
Band38-20MHz-QPSK-38000-1RB#0-1000~3000-PASS



Band38-20MHz-QPSK-38000-1RB#0-3000~18000-PASS



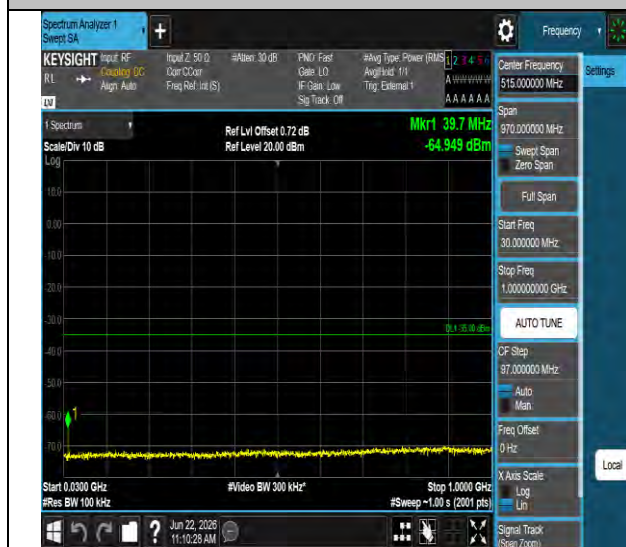
Band38-20MHz-QPSK-38000-1RB#0-18000~27000-PASS



Band38-20MHz-QPSK-38150-1RB#0-0.009~0.15-PASS



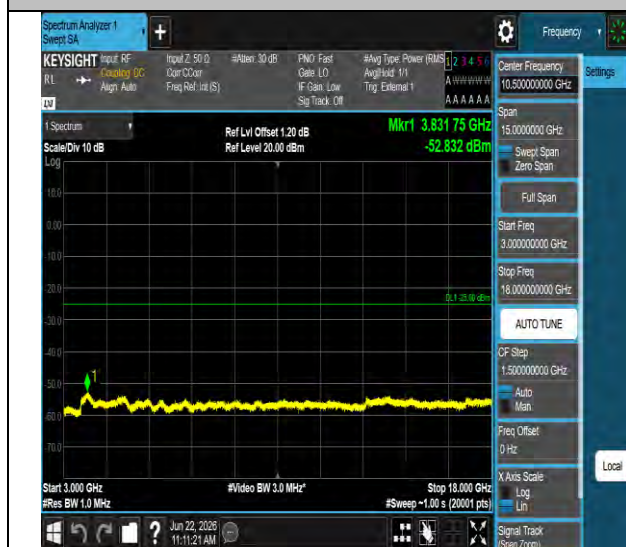
Band38-20MHz-QPSK-38150-1RB#0-0.15~30-PASS



Band38-20MHz-QPSK-38150-1RB#0-30~1000-PASS



Band38-20MHz-QPSK-38150-1RB#0-1000~3000-PASS



Band38-20MHz-QPSK-38150-1RB#0-3000~18000-PASS



Band38-20MHz-QPSK-38150-1RB#0-18000~27000-PASS

Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	-4.16	-0.001603	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	6.77	0.002609	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	-4.82	-0.001857	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	46.12	0.017773	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	5.82	0.002243	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-10	-166.84	-0.064293	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	-4.43	-0.001707	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-4.55	-0.001753	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	-51.93	-0.020012	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	-3.96	-0.001526	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	-50.38	-0.019414	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	-3.60	-0.001387	PASS

~The End~