

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	23.35	2	25.35	33	PASS
Band38	5MHz	QPSK	37775	1RB#12	23.41	2	25.41	33	PASS
Band38	5MHz	QPSK	37775	1RB#24	23.42	2	25.42	33	PASS
Band38	5MHz	QPSK	37775	25RB#0	22.68	2	24.68	33	PASS
Band38	5MHz	QPSK	38000	1RB#0	23.22	2	25.22	33	PASS
Band38	5MHz	QPSK	38000	1RB#12	23.17	2	25.17	33	PASS
Band38	5MHz	QPSK	38000	1RB#24	23.17	2	25.17	33	PASS
Band38	5MHz	QPSK	38000	25RB#0	22.43	2	24.43	33	PASS
Band38	5MHz	QPSK	38225	1RB#0	23.15	2	25.15	33	PASS
Band38	5MHz	QPSK	38225	1RB#12	23.15	2	25.15	33	PASS
Band38	5MHz	QPSK	38225	1RB#24	23.18	2	25.18	33	PASS
Band38	5MHz	QPSK	38225	25RB#0	22.57	2	24.57	33	PASS
Band38	5MHz	64QAM	37775	1RB#0	21.91	2	23.91	33	PASS
Band38	5MHz	64QAM	37775	1RB#12	21.99	2	23.99	33	PASS
Band38	5MHz	64QAM	37775	1RB#24	21.83	2	23.83	33	PASS
Band38	5MHz	64QAM	37775	25RB#0	20.72	2	22.72	33	PASS
Band38	5MHz	64QAM	38000	1RB#0	21.84	2	23.84	33	PASS
Band38	5MHz	64QAM	38000	1RB#12	21.8	2	23.8	33	PASS
Band38	5MHz	64QAM	38000	1RB#24	21.65	2	23.65	33	PASS
Band38	5MHz	64QAM	38000	25RB#0	20.47	2	22.47	33	PASS
Band38	5MHz	64QAM	38225	1RB#0	21.85	2	23.85	33	PASS
Band38	5MHz	64QAM	38225	1RB#12	21.96	2	23.96	33	PASS
Band38	5MHz	64QAM	38225	1RB#24	21.91	2	23.91	33	PASS
Band38	5MHz	64QAM	38225	25RB#0	20.55	2	22.55	33	PASS
Band38	5MHz	256QAM	37775	1RB#0	18.93	2	20.93	33	PASS
Band38	5MHz	256QAM	37775	1RB#12	19.08	2	21.08	33	PASS
Band38	5MHz	256QAM	37775	1RB#24	19.02	2	21.02	33	PASS
Band38	5MHz	256QAM	37775	25RB#0	18.79	2	20.79	33	PASS
Band38	5MHz	256QAM	38000	1RB#0	18.66	2	20.66	33	PASS
Band38	5MHz	256QAM	38000	1RB#12	18.66	2	20.66	33	PASS
Band38	5MHz	256QAM	38000	1RB#24	18.6	2	20.6	33	PASS
Band38	5MHz	256QAM	38000	25RB#0	18.51	2	20.51	33	PASS
Band38	5MHz	256QAM	38225	1RB#0	18.65	2	20.65	33	PASS
Band38	5MHz	256QAM	38225	1RB#12	18.67	2	20.67	33	PASS

Band38	5MHz	256QAM	38225	1RB#24	18.75	2	20.75	33	PASS
Band38	5MHz	256QAM	38225	25RB#0	18.75	2	20.75	33	PASS
Band38	5MHz	16QAM	37775	1RB#0	23.05	2	25.05	33	PASS
Band38	5MHz	16QAM	37775	1RB#12	23.06	2	25.06	33	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.96	2	24.96	33	PASS
Band38	5MHz	16QAM	37775	25RB#0	21.68	2	23.68	33	PASS
Band38	5MHz	16QAM	38000	1RB#0	22.86	2	24.86	33	PASS
Band38	5MHz	16QAM	38000	1RB#12	22.94	2	24.94	33	PASS
Band38	5MHz	16QAM	38000	1RB#24	22.74	2	24.74	33	PASS
Band38	5MHz	16QAM	38000	25RB#0	21.44	2	23.44	33	PASS
Band38	5MHz	16QAM	38225	1RB#0	22.79	2	24.79	33	PASS
Band38	5MHz	16QAM	38225	1RB#12	22.83	2	24.83	33	PASS
Band38	5MHz	16QAM	38225	1RB#24	22.69	2	24.69	33	PASS
Band38	5MHz	16QAM	38225	25RB#0	21.59	2	23.59	33	PASS
Band38	10MHz	QPSK	37800	1RB#0	23.22	2	25.22	33	PASS
Band38	10MHz	QPSK	37800	1RB#24	23.28	2	25.28	33	PASS
Band38	10MHz	QPSK	37800	1RB#49	23.25	2	25.25	33	PASS
Band38	10MHz	QPSK	37800	50RB#0	22.66	2	24.66	33	PASS
Band38	10MHz	QPSK	38000	1RB#0	23.15	2	25.15	33	PASS
Band38	10MHz	QPSK	38000	1RB#24	23.06	2	25.06	33	PASS
Band38	10MHz	QPSK	38000	1RB#49	23.11	2	25.11	33	PASS
Band38	10MHz	QPSK	38000	50RB#0	22.47	2	24.47	33	PASS
Band38	10MHz	QPSK	38200	1RB#0	23.12	2	25.12	33	PASS
Band38	10MHz	QPSK	38200	1RB#24	23.09	2	25.09	33	PASS
Band38	10MHz	QPSK	38200	1RB#49	23.22	2	25.22	33	PASS
Band38	10MHz	QPSK	38200	50RB#0	22.56	2	24.56	33	PASS
Band38	10MHz	64QAM	37800	1RB#0	21.95	2	23.95	33	PASS
Band38	10MHz	64QAM	37800	1RB#24	21.98	2	23.98	33	PASS
Band38	10MHz	64QAM	37800	1RB#49	21.95	2	23.95	33	PASS
Band38	10MHz	64QAM	37800	50RB#0	20.71	2	22.71	33	PASS
Band38	10MHz	64QAM	38000	1RB#0	21.93	2	23.93	33	PASS
Band38	10MHz	64QAM	38000	1RB#24	21.91	2	23.91	33	PASS
Band38	10MHz	64QAM	38000	1RB#49	21.81	2	23.81	33	PASS
Band38	10MHz	64QAM	38000	50RB#0	20.48	2	22.48	33	PASS
Band38	10MHz	64QAM	38200	1RB#0	21.26	2	23.26	33	PASS
Band38	10MHz	64QAM	38200	1RB#24	21.27	2	23.27	33	PASS
Band38	10MHz	64QAM	38200	1RB#49	21.32	2	23.32	33	PASS
Band38	10MHz	64QAM	38200	50RB#0	20.52	2	22.52	33	PASS
Band38	10MHz	256QAM	37800	1RB#0	18.78	2	20.78	33	PASS
Band38	10MHz	256QAM	37800	1RB#24	18.79	2	20.79	33	PASS

Band38	10MHz	256QAM	37800	1RB#49	18.79	2	20.79	33	PASS
Band38	10MHz	256QAM	37800	50RB#0	18.75	2	20.75	33	PASS
Band38	10MHz	256QAM	38000	1RB#0	18.65	2	20.65	33	PASS
Band38	10MHz	256QAM	38000	1RB#24	18.75	2	20.75	33	PASS
Band38	10MHz	256QAM	38000	1RB#49	18.63	2	20.63	33	PASS
Band38	10MHz	256QAM	38000	50RB#0	18.62	2	20.62	33	PASS
Band38	10MHz	256QAM	38200	1RB#0	18.22	2	20.22	33	PASS
Band38	10MHz	256QAM	38200	1RB#24	18.23	2	20.23	33	PASS
Band38	10MHz	256QAM	38200	1RB#49	18.27	2	20.27	33	PASS
Band38	10MHz	256QAM	38200	50RB#0	18.66	2	20.66	33	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.76	2	24.76	33	PASS
Band38	10MHz	16QAM	37800	1RB#24	22.82	2	24.82	33	PASS
Band38	10MHz	16QAM	37800	1RB#49	22.92	2	24.92	33	PASS
Band38	10MHz	16QAM	37800	50RB#0	21.66	2	23.66	33	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.54	2	24.54	33	PASS
Band38	10MHz	16QAM	38000	1RB#24	22.41	2	24.41	33	PASS
Band38	10MHz	16QAM	38000	1RB#49	22.44	2	24.44	33	PASS
Band38	10MHz	16QAM	38000	50RB#0	21.45	2	23.45	33	PASS
Band38	10MHz	16QAM	38200	1RB#0	22.11	2	24.11	33	PASS
Band38	10MHz	16QAM	38200	1RB#24	22.17	2	24.17	33	PASS
Band38	10MHz	16QAM	38200	1RB#49	22.25	2	24.25	33	PASS
Band38	10MHz	16QAM	38200	50RB#0	21.57	2	23.57	33	PASS
Band38	15MHz	QPSK	37825	1RB#0	23.16	2	25.16	33	PASS
Band38	15MHz	QPSK	37825	1RB#38	23.13	2	25.13	33	PASS
Band38	15MHz	QPSK	37825	1RB#74	23.17	2	25.17	33	PASS
Band38	15MHz	QPSK	37825	38RB#0	22.52	2	24.52	33	PASS
Band38	15MHz	QPSK	37825	75RB#0	22.55	2	24.55	33	PASS
Band38	15MHz	QPSK	38000	1RB#0	23.24	2	25.24	33	PASS
Band38	15MHz	QPSK	38000	1RB#38	23.17	2	25.17	33	PASS
Band38	15MHz	QPSK	38000	1RB#74	23.18	2	25.18	33	PASS
Band38	15MHz	QPSK	38000	38RB#0	22.37	2	24.37	33	PASS
Band38	15MHz	QPSK	38000	75RB#0	22.34	2	24.34	33	PASS
Band38	15MHz	QPSK	38175	1RB#0	22.98	2	24.98	33	PASS
Band38	15MHz	QPSK	38175	1RB#38	23.03	2	25.03	33	PASS
Band38	15MHz	QPSK	38175	1RB#74	23.09	2	25.09	33	PASS
Band38	15MHz	QPSK	38175	38RB#0	22.39	2	24.39	33	PASS
Band38	15MHz	QPSK	38175	75RB#0	22.44	2	24.44	33	PASS
Band38	15MHz	64QAM	37825	1RB#0	21.83	2	23.83	33	PASS
Band38	15MHz	64QAM	37825	1RB#38	21.96	2	23.96	33	PASS
Band38	15MHz	64QAM	37825	1RB#74	21.89	2	23.89	33	PASS

Band38	15MHz	64QAM	37825	38RB#0	22.51	2	24.51	33	PASS
Band38	15MHz	64QAM	37825	75RB#0	20.61	2	22.61	33	PASS
Band38	15MHz	64QAM	38000	1RB#0	21.73	2	23.73	33	PASS
Band38	15MHz	64QAM	38000	1RB#38	21.71	2	23.71	33	PASS
Band38	15MHz	64QAM	38000	1RB#74	21.59	2	23.59	33	PASS
Band38	15MHz	64QAM	38000	38RB#0	22.33	2	24.33	33	PASS
Band38	15MHz	64QAM	38000	75RB#0	20.36	2	22.36	33	PASS
Band38	15MHz	64QAM	38175	1RB#0	21.75	2	23.75	33	PASS
Band38	15MHz	64QAM	38175	1RB#38	21.82	2	23.82	33	PASS
Band38	15MHz	64QAM	38175	1RB#74	21.84	2	23.84	33	PASS
Band38	15MHz	64QAM	38175	38RB#0	22.4	2	24.4	33	PASS
Band38	15MHz	64QAM	38175	75RB#0	20.52	2	22.52	33	PASS
Band38	15MHz	256QAM	37825	1RB#0	18.5	2	20.5	33	PASS
Band38	15MHz	256QAM	37825	1RB#38	18.63	2	20.63	33	PASS
Band38	15MHz	256QAM	37825	1RB#74	18.58	2	20.58	33	PASS
Band38	15MHz	256QAM	37825	38RB#0	22.53	2	24.53	33	PASS
Band38	15MHz	256QAM	37825	75RB#0	18.62	2	20.62	33	PASS
Band38	15MHz	256QAM	38000	1RB#0	18.44	2	20.44	33	PASS
Band38	15MHz	256QAM	38000	1RB#38	18.47	2	20.47	33	PASS
Band38	15MHz	256QAM	38000	1RB#74	18.45	2	20.45	33	PASS
Band38	15MHz	256QAM	38000	38RB#0	22.29	2	24.29	33	PASS
Band38	15MHz	256QAM	38000	75RB#0	18.33	2	20.33	33	PASS
Band38	15MHz	256QAM	38175	1RB#0	18.67	2	20.67	33	PASS
Band38	15MHz	256QAM	38175	1RB#38	18.72	2	20.72	33	PASS
Band38	15MHz	256QAM	38175	1RB#74	18.66	2	20.66	33	PASS
Band38	15MHz	256QAM	38175	38RB#0	22.46	2	24.46	33	PASS
Band38	15MHz	256QAM	38175	75RB#0	18.43	2	20.43	33	PASS
Band38	15MHz	16QAM	37825	1RB#0	22.75	2	24.75	33	PASS
Band38	15MHz	16QAM	37825	1RB#38	22.76	2	24.76	33	PASS
Band38	15MHz	16QAM	37825	1RB#74	22.77	2	24.77	33	PASS
Band38	15MHz	16QAM	37825	38RB#0	22.52	2	24.52	33	PASS
Band38	15MHz	16QAM	37825	75RB#0	21.54	2	23.54	33	PASS
Band38	15MHz	16QAM	38000	1RB#0	22.41	2	24.41	33	PASS
Band38	15MHz	16QAM	38000	1RB#38	22.32	2	24.32	33	PASS
Band38	15MHz	16QAM	38000	1RB#74	22.27	2	24.27	33	PASS
Band38	15MHz	16QAM	38000	38RB#0	22.32	2	24.32	33	PASS
Band38	15MHz	16QAM	38000	75RB#0	21.38	2	23.38	33	PASS
Band38	15MHz	16QAM	38175	1RB#0	22.3	2	24.3	33	PASS
Band38	15MHz	16QAM	38175	1RB#38	22.36	2	24.36	33	PASS
Band38	15MHz	16QAM	38175	1RB#74	22.45	2	24.45	33	PASS

Band38	15MHz	16QAM	38175	38RB#0	22.41	2	24.41	33	PASS
Band38	15MHz	16QAM	38175	75RB#0	21.44	2	23.44	33	PASS
Band38	20MHz	QPSK	37850	1RB#0	23.07	2	25.07	33	PASS
Band38	20MHz	QPSK	37850	1RB#49	23.11	2	25.11	33	PASS
Band38	20MHz	QPSK	37850	1RB#99	23	2	25	33	PASS
Band38	20MHz	QPSK	37850	100RB#0	22.53	2	24.53	33	PASS
Band38	20MHz	QPSK	38000	1RB#0	23.19	2	25.19	33	PASS
Band38	20MHz	QPSK	38000	1RB#49	23.07	2	25.07	33	PASS
Band38	20MHz	QPSK	38000	1RB#99	22.96	2	24.96	33	PASS
Band38	20MHz	QPSK	38000	100RB#0	22.33	2	24.33	33	PASS
Band38	20MHz	QPSK	38150	1RB#0	22.89	2	24.89	33	PASS
Band38	20MHz	QPSK	38150	1RB#49	22.89	2	24.89	33	PASS
Band38	20MHz	QPSK	38150	1RB#99	23.02	2	25.02	33	PASS
Band38	20MHz	QPSK	38150	100RB#0	22.36	2	24.36	33	PASS
Band38	20MHz	64QAM	37850	1RB#0	21.64	2	23.64	33	PASS
Band38	20MHz	64QAM	37850	1RB#49	21.59	2	23.59	33	PASS
Band38	20MHz	64QAM	37850	1RB#99	21.54	2	23.54	33	PASS
Band38	20MHz	64QAM	37850	100RB#0	20.61	2	22.61	33	PASS
Band38	20MHz	64QAM	38000	1RB#0	21.52	2	23.52	33	PASS
Band38	20MHz	64QAM	38000	1RB#49	21.34	2	23.34	33	PASS
Band38	20MHz	64QAM	38000	1RB#99	21.22	2	23.22	33	PASS
Band38	20MHz	64QAM	38000	100RB#0	20.37	2	22.37	33	PASS
Band38	20MHz	64QAM	38150	1RB#0	21.43	2	23.43	33	PASS
Band38	20MHz	64QAM	38150	1RB#49	21.35	2	23.35	33	PASS
Band38	20MHz	64QAM	38150	1RB#99	21.46	2	23.46	33	PASS
Band38	20MHz	64QAM	38150	100RB#0	20.44	2	22.44	33	PASS
Band38	20MHz	256QAM	37850	1RB#0	18.38	2	20.38	33	PASS
Band38	20MHz	256QAM	37850	1RB#49	18.34	2	20.34	33	PASS
Band38	20MHz	256QAM	37850	1RB#99	18.3	2	20.3	33	PASS
Band38	20MHz	256QAM	37850	100RB#0	18.59	2	20.59	33	PASS
Band38	20MHz	256QAM	38000	1RB#0	18.37	2	20.37	33	PASS
Band38	20MHz	256QAM	38000	1RB#49	18.28	2	20.28	33	PASS
Band38	20MHz	256QAM	38000	1RB#99	18.18	2	20.18	33	PASS
Band38	20MHz	256QAM	38000	100RB#0	18.38	2	20.38	33	PASS
Band38	20MHz	256QAM	38150	1RB#0	18.12	2	20.12	33	PASS
Band38	20MHz	256QAM	38150	1RB#49	18.1	2	20.1	33	PASS
Band38	20MHz	256QAM	38150	1RB#99	18.21	2	20.21	33	PASS
Band38	20MHz	256QAM	38150	100RB#0	18.44	2	20.44	33	PASS
Band38	20MHz	16QAM	37850	1RB#0	22	2	24	33	PASS
Band38	20MHz	16QAM	37850	1RB#49	22.04	2	24.04	33	PASS

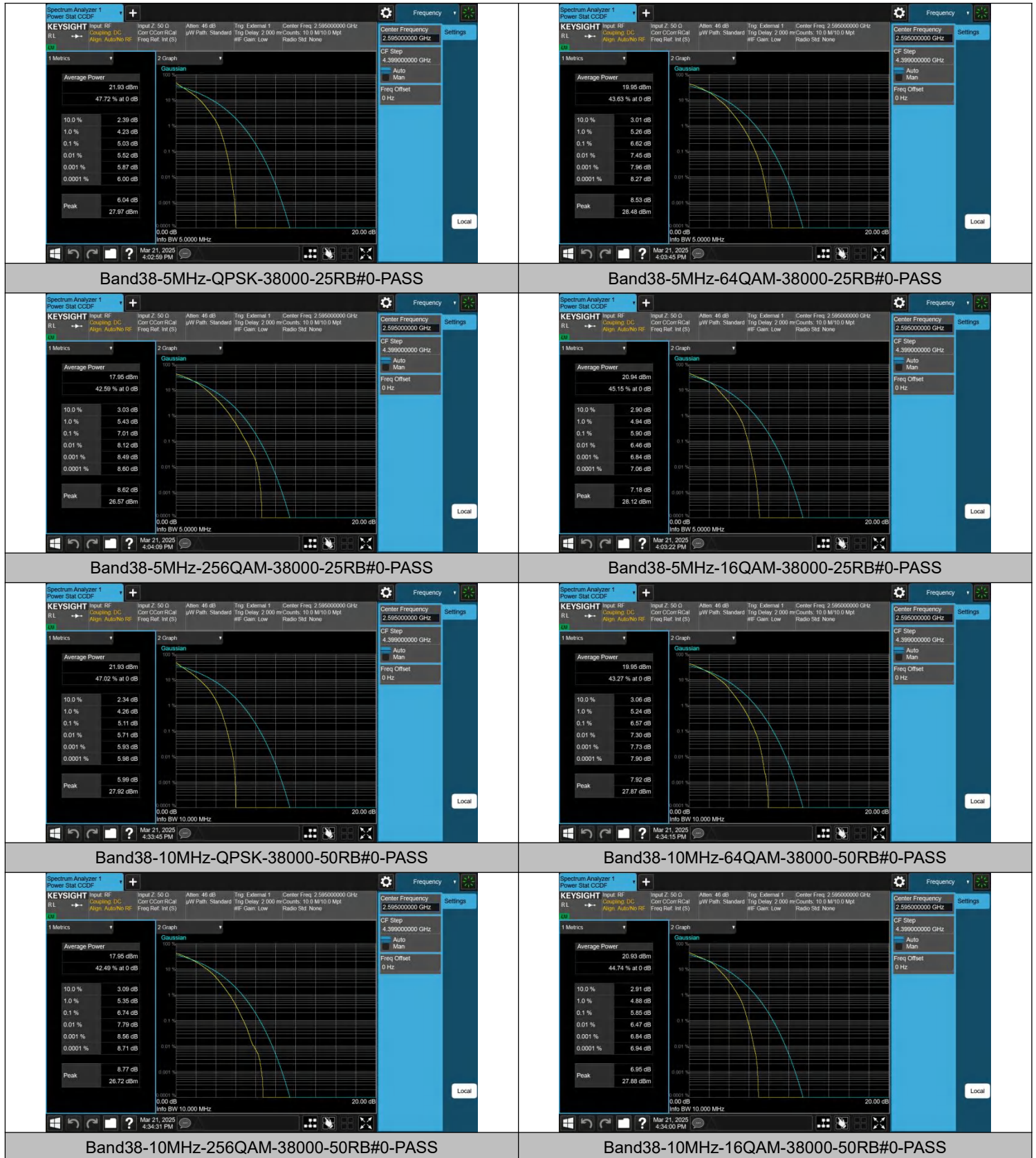
Band38	20MHz	16QAM	37850	1RB#99	21.97	2	23.97	33	PASS
Band38	20MHz	16QAM	37850	100RB#0	21.55	2	23.55	33	PASS
Band38	20MHz	16QAM	38000	1RB#0	22.54	2	24.54	33	PASS
Band38	20MHz	16QAM	38000	1RB#49	22.41	2	24.41	33	PASS
Band38	20MHz	16QAM	38000	1RB#99	22.39	2	24.39	33	PASS
Band38	20MHz	16QAM	38000	100RB#0	21.31	2	23.31	33	PASS
Band38	20MHz	16QAM	38150	1RB#0	21.81	2	23.81	33	PASS
Band38	20MHz	16QAM	38150	1RB#49	21.82	2	23.82	33	PASS
Band38	20MHz	16QAM	38150	1RB#99	21.91	2	23.91	33	PASS
Band38	20MHz	16QAM	38150	100RB#0	21.36	2	23.36	33	PASS

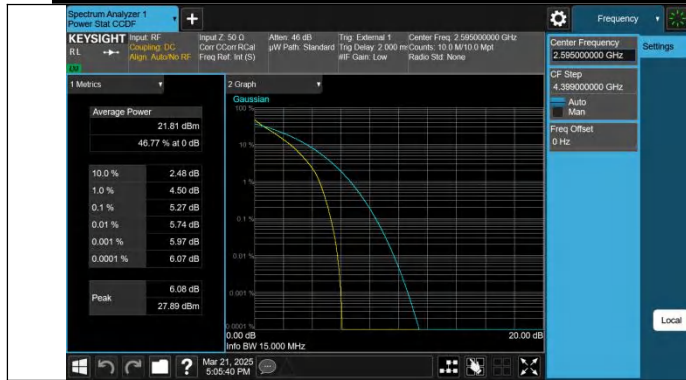
Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	38000	25RB#0	5.03	13	PASS
Band38	5MHz	64QAM	38000	25RB#0	6.62	13	PASS
Band38	5MHz	256QAM	38000	25RB#0	7.01	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	5.90	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	5.11	13	PASS
Band38	10MHz	64QAM	38000	50RB#0	6.57	13	PASS
Band38	10MHz	256QAM	38000	50RB#0	6.74	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	5.85	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	5.27	13	PASS
Band38	15MHz	64QAM	38000	75RB#0	6.70	13	PASS
Band38	15MHz	256QAM	38000	75RB#0	6.76	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	5.97	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	5.05	13	PASS
Band38	20MHz	64QAM	38000	100RB#0	6.57	13	PASS
Band38	20MHz	256QAM	38000	100RB#0	6.84	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	5.81	13	PASS

Test Graphs





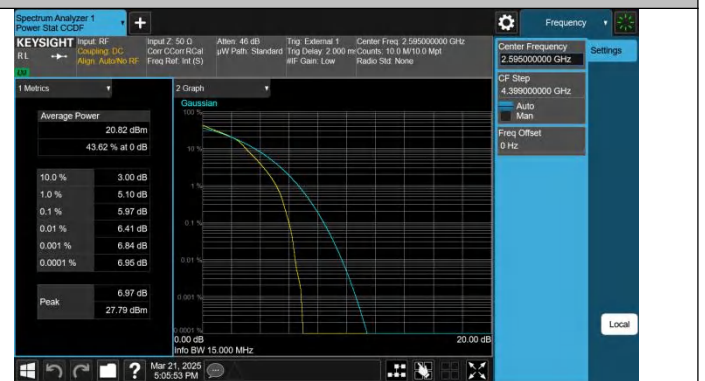
Band38-15MHz-QPSK-38000-75RB#0-PASS



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



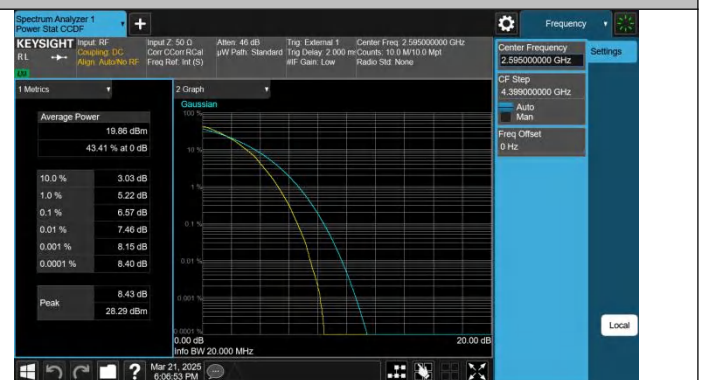
Band38-15MHz-256QAM-38000-75RB#0-PASS



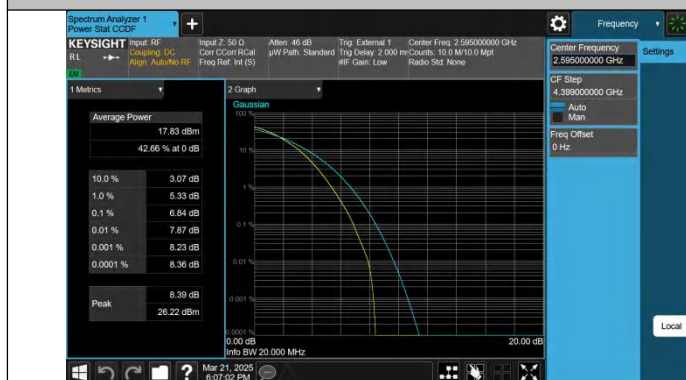
Band38-15MHz-16QAM-38000-75RB#0-PASS



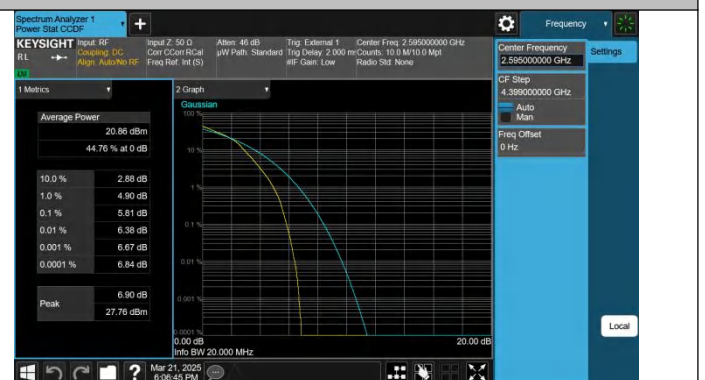
Band38-20MHz-QPSK-38000-100RB#0-PASS



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



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



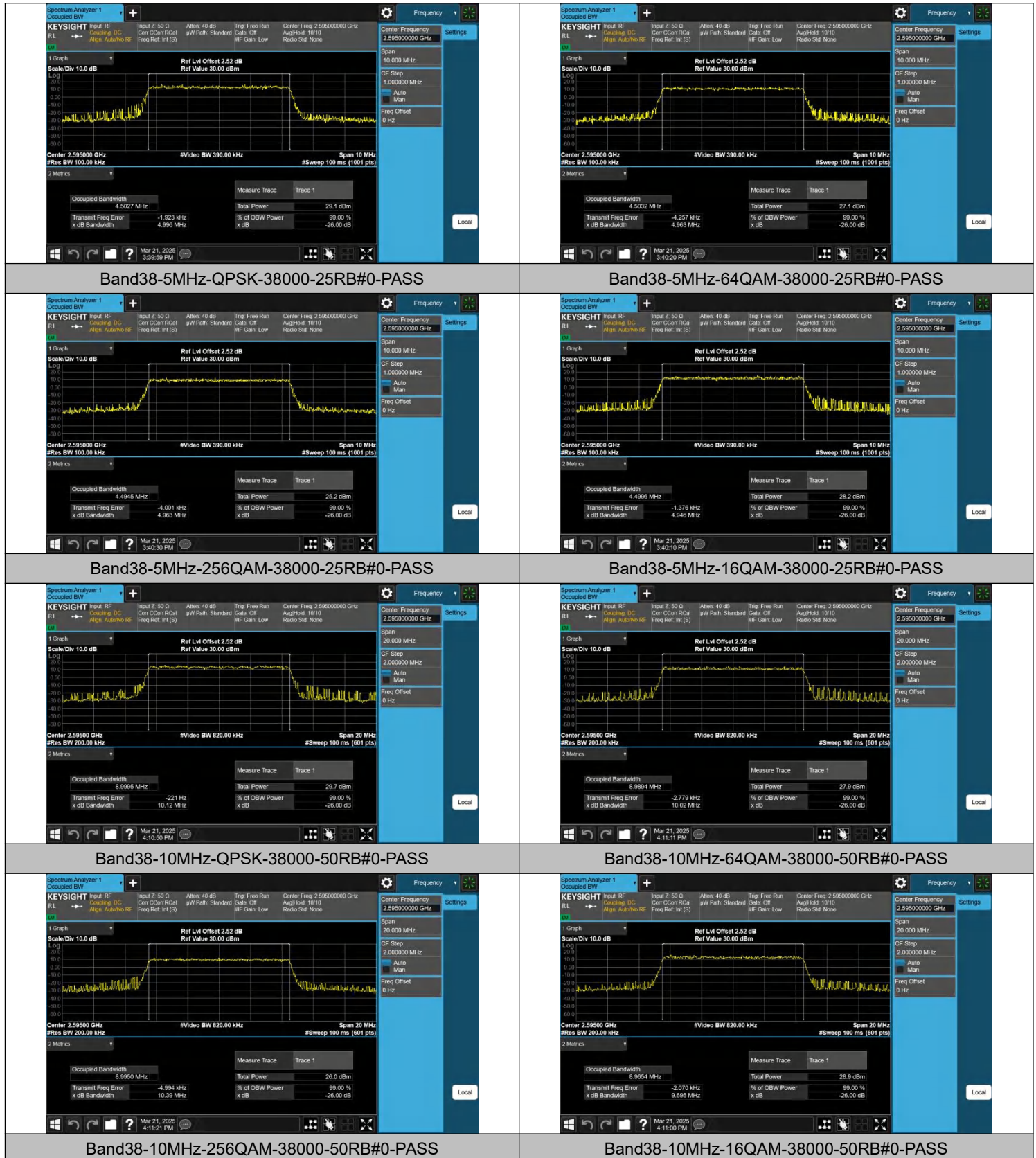
Band38-20MHz-16QAM-38000-100RB#0-PASS

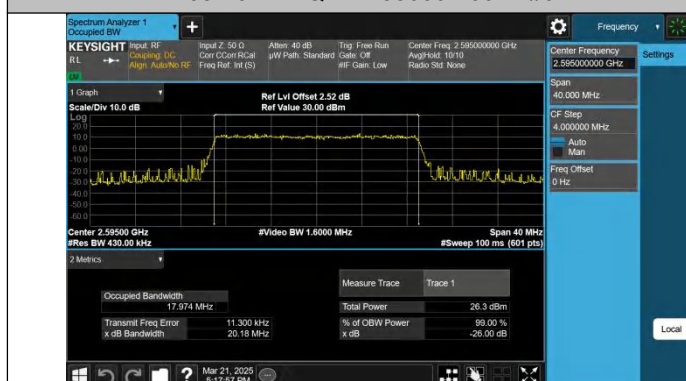
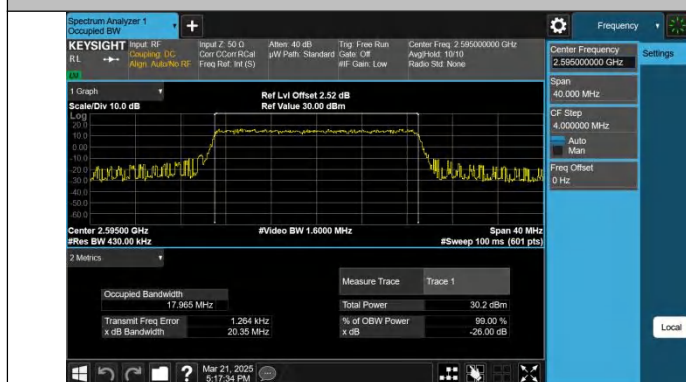
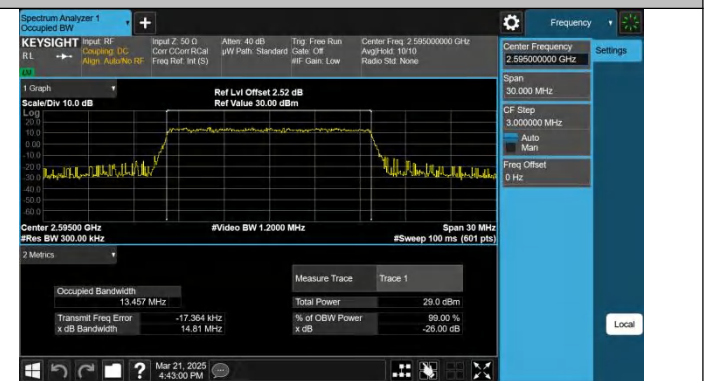
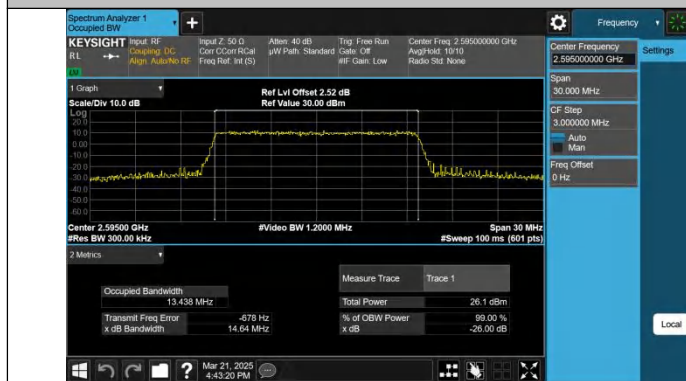
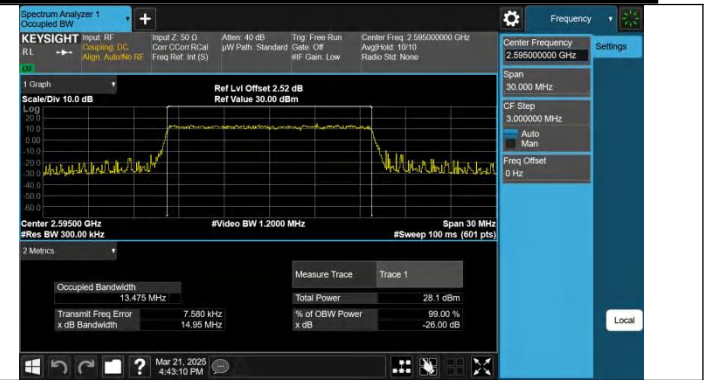
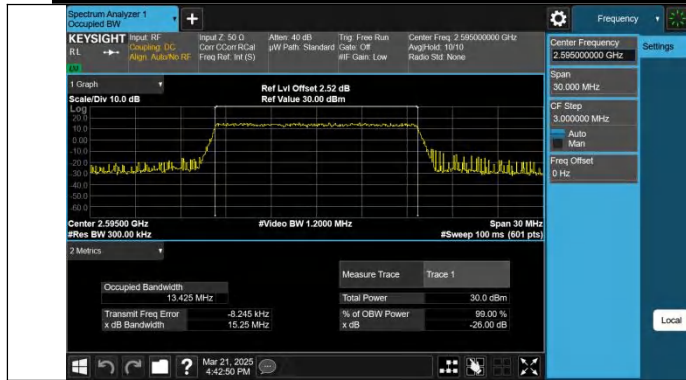
26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	38000	25RB#0	4.5027	4.996	PASS
Band38	5MHz	64QAM	38000	25RB#0	4.5032	4.963	PASS
Band38	5MHz	256QAM	38000	25RB#0	4.4945	4.963	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.4996	4.946	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9995	10.12	PASS
Band38	10MHz	64QAM	38000	50RB#0	8.9894	10.02	PASS
Band38	10MHz	256QAM	38000	50RB#0	8.9950	10.39	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9654	9.695	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.425	15.25	PASS
Band38	15MHz	64QAM	38000	75RB#0	13.475	14.95	PASS
Band38	15MHz	256QAM	38000	75RB#0	13.438	14.64	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.457	14.81	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.965	20.35	PASS
Band38	20MHz	64QAM	38000	100RB#0	17.967	19.88	PASS
Band38	20MHz	256QAM	38000	100RB#0	17.974	20.18	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.997	20.28	PASS

Test Graphs





Band Edge

Test Graphs

