

Appendix-A 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	16QAM	37775	1RB#0	23.4	26.4	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#12	22.99	25.99	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	23.53	26.53	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	22.08	25.08	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	23.78	26.78	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#12	23.59	26.59	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	23.68	26.68	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	22.38	25.38	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#0	23.62	26.62	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#12	23.59	26.59	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	23.81	26.81	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	22.39	25.39	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	24.04	27.04	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	23.48	26.48	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#49	23.22	26.22	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	22.22	25.22	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	23.72	26.72	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	23.98	26.98	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	23.19	26.19	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	22.55	25.55	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	23.75	26.75	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	23.89	26.89	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	23.71	26.71	33.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	22.57	25.57	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	23.98	26.98	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	23.3	26.3	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#74	23.2	26.2	33.00	PASS
Band38	15MHz	16QAM	37825	54RB#0	22.5	25.5	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	23.85	26.85	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	23.64	26.64	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	23.19	26.19	33.00	PASS
Band38	15MHz	16QAM	38000	54RB#0	22.74	25.74	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	23.78	26.78	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	23.65	26.65	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	23.86	26.86	33.00	PASS
Band38	15MHz	16QAM	38175	54RB#0	22.73	25.73	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	23.75	26.75	33.00	PASS

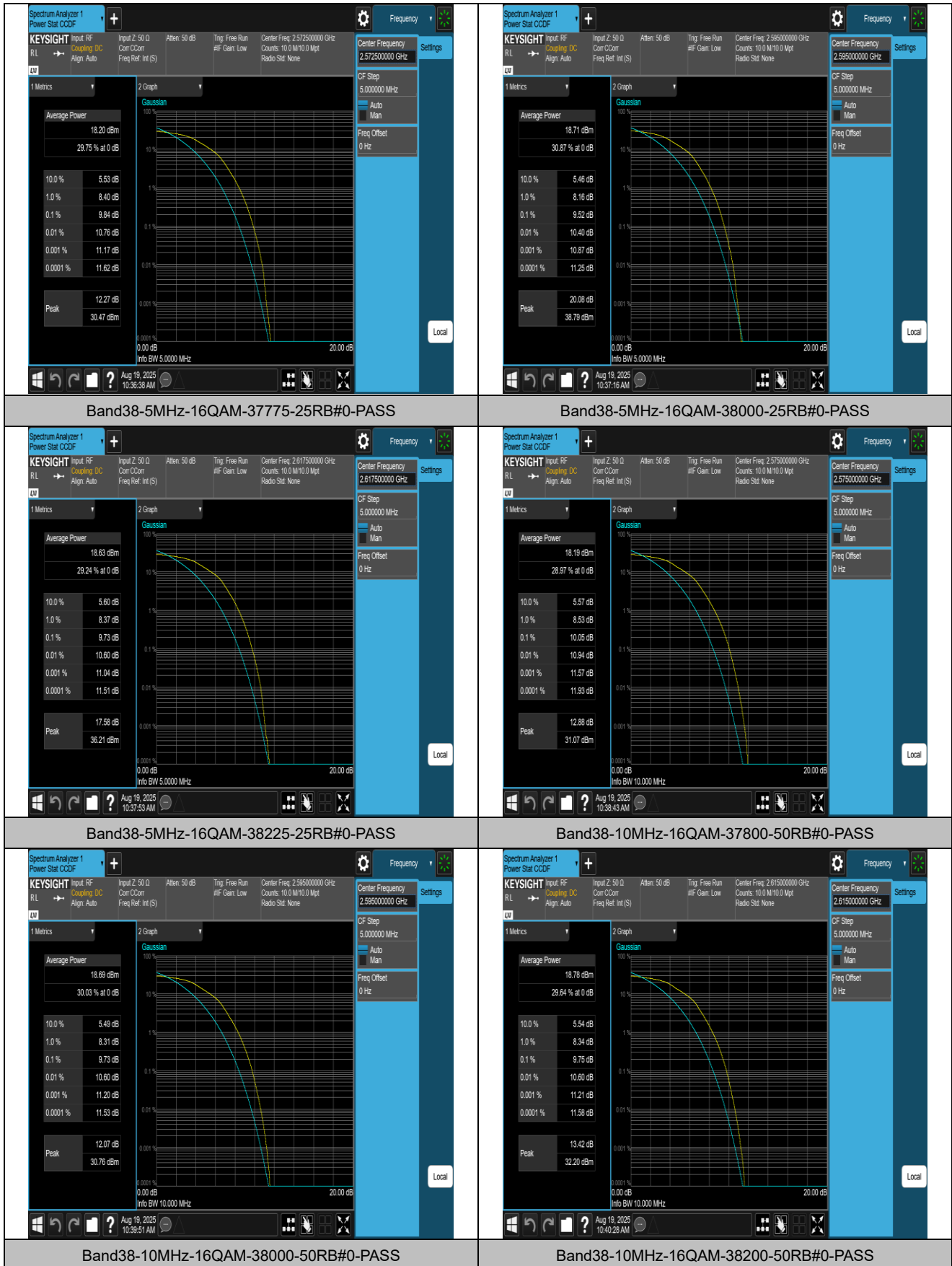
Band38	20MHz	16QAM	37850	1RB#49	23.55	26.55	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#99	22.84	25.84	33.00	PASS
Band38	20MHz	16QAM	37850	54RB#0	22.85	25.85	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#0	23.92	26.92	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	23.95	26.95	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	22.81	25.81	33.00	PASS
Band38	20MHz	16QAM	38000	54RB#0	23.27	26.27	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	23.97	26.97	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#49	23.89	26.89	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	23.55	26.55	33.00	PASS
Band38	20MHz	16QAM	38150	54RB#0	23.09	26.09	33.00	PASS

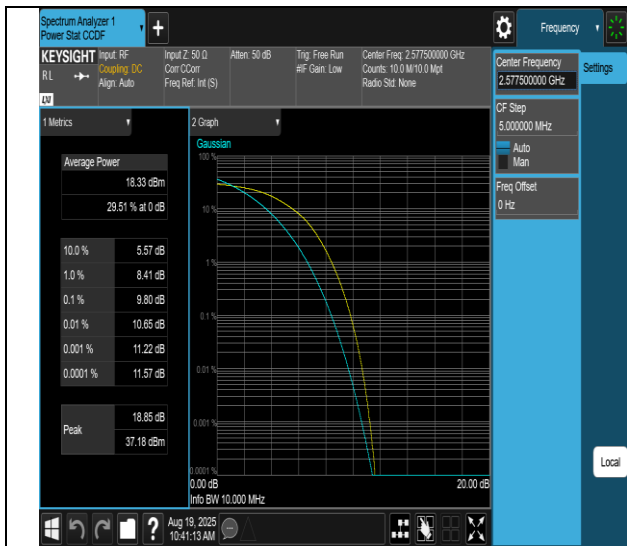
Peak-to-Average Ratio(CCDF)

Test Result

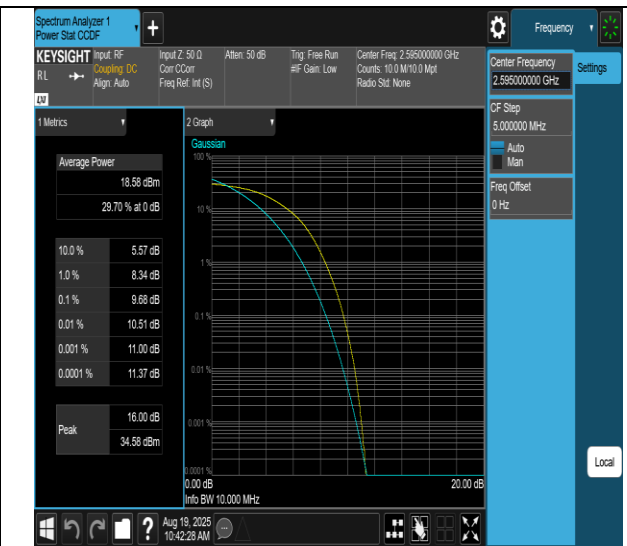
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band38	5MHz	16QAM	37775	25RB#0	9.84	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	9.52	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	9.73	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	10.05	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	9.73	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	9.75	13	PASS
Band38	15MHz	16QAM	37825	54RB#0	9.80	13	PASS
Band38	15MHz	16QAM	38000	54RB#0	9.68	13	PASS
Band38	15MHz	16QAM	38175	54RB#0	9.60	13	PASS
Band38	20MHz	16QAM	37850	54RB#0	10.19	13	PASS
Band38	20MHz	16QAM	38000	54RB#0	9.50	13	PASS
Band38	20MHz	16QAM	38150	54RB#0	9.56	13	PASS

Test Graphs

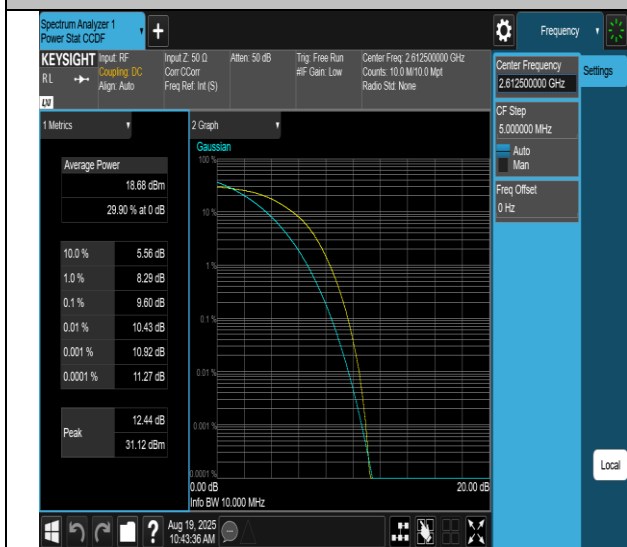




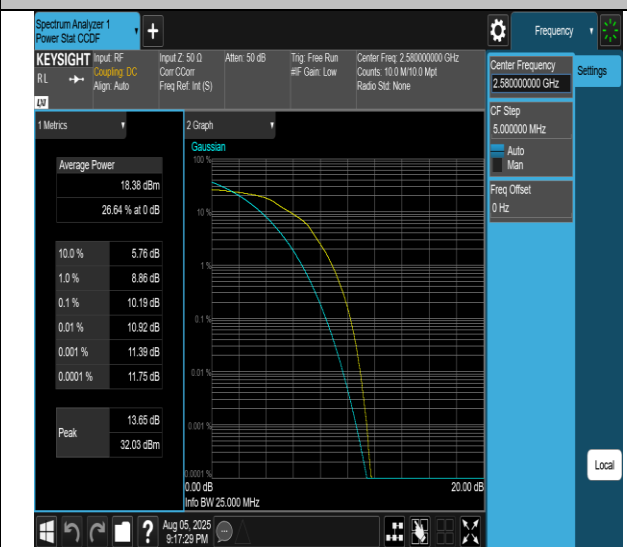
Band38-15MHz-16QAM-37825-54RB#0-PASS



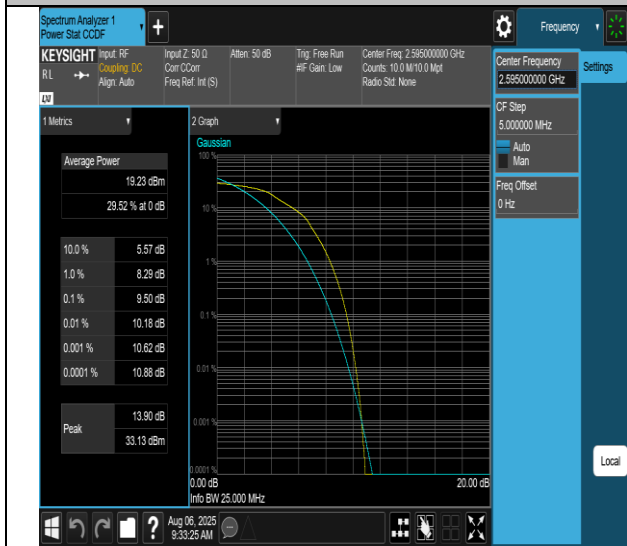
Band38-15MHz-16QAM-38000-54RB#0-PASS



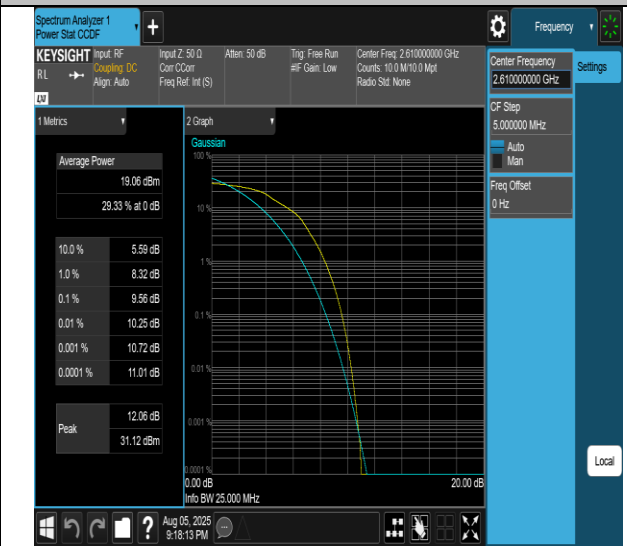
Band38-15MHz-16QAM-38175-54RB#0-PASS



Band38-20MHz-16QAM-37850-54RB#0-PASS



Band38-20MHz-16QAM-38000-54RB#0-PASS



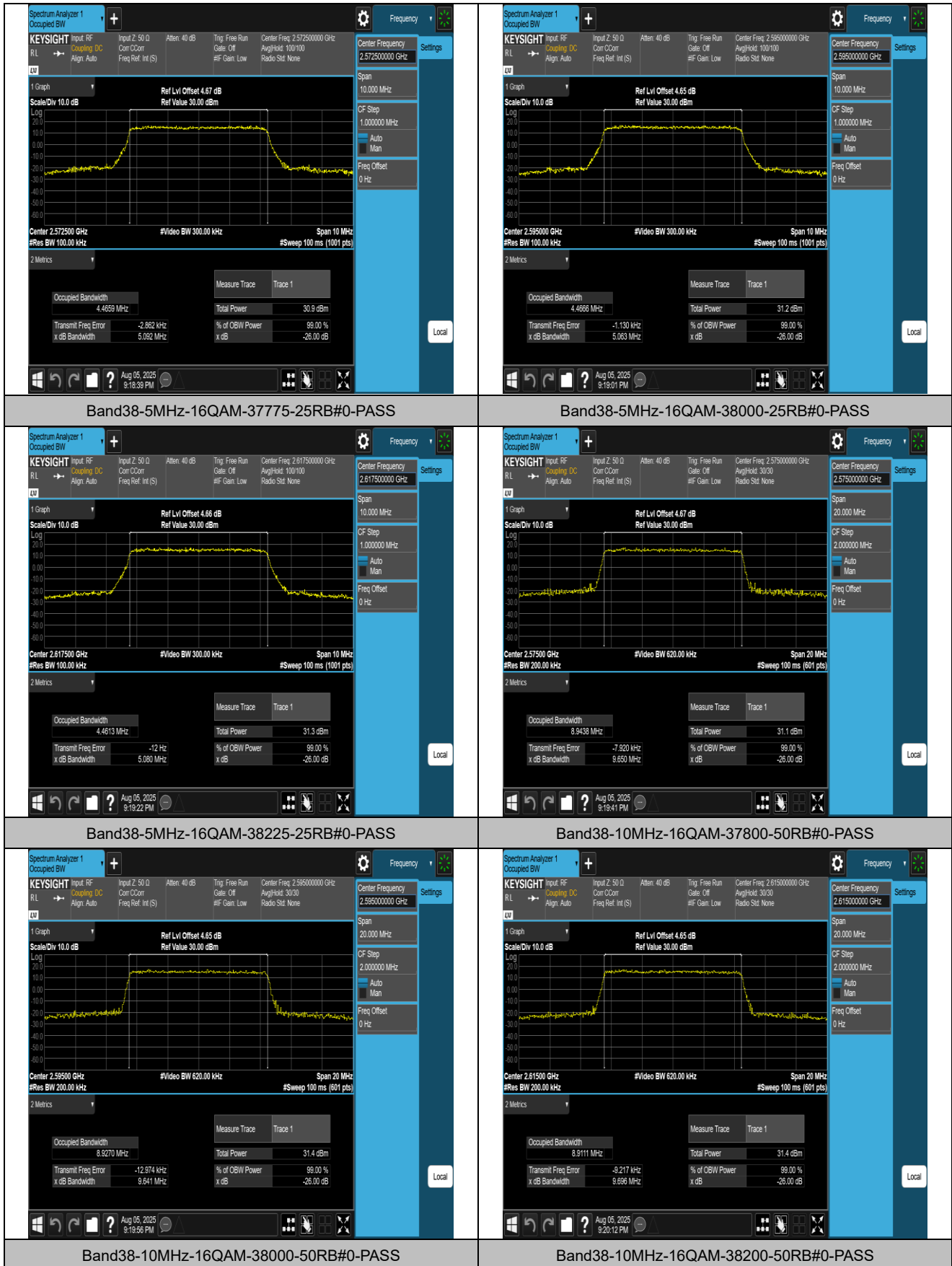
Band38-20MHz-16QAM-38150-54RB#0-PASS

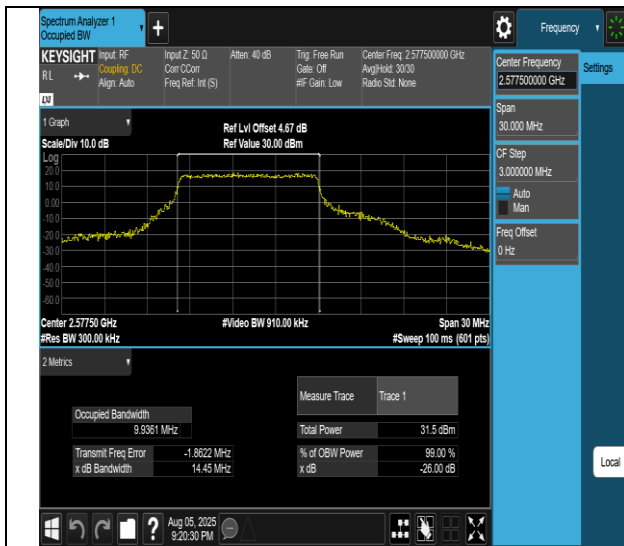
26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band38	5MHz	16QAM	37775	25RB#0	4.4659	5.092	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.4666	5.063	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.4613	5.080	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.9438	9.650	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9270	9.641	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.9111	9.696	PASS
Band38	15MHz	16QAM	37825	54RB#0	9.9361	14.45	PASS
Band38	15MHz	16QAM	38000	54RB#0	9.9306	14.93	PASS
Band38	15MHz	16QAM	38175	54RB#0	9.9175	14.11	PASS
Band38	20MHz	16QAM	37850	54RB#0	10.176	15.63	PASS
Band38	20MHz	16QAM	38000	54RB#0	10.262	17.22	PASS
Band38	20MHz	16QAM	38150	54RB#0	10.245	14.55	PASS

Test Graphs

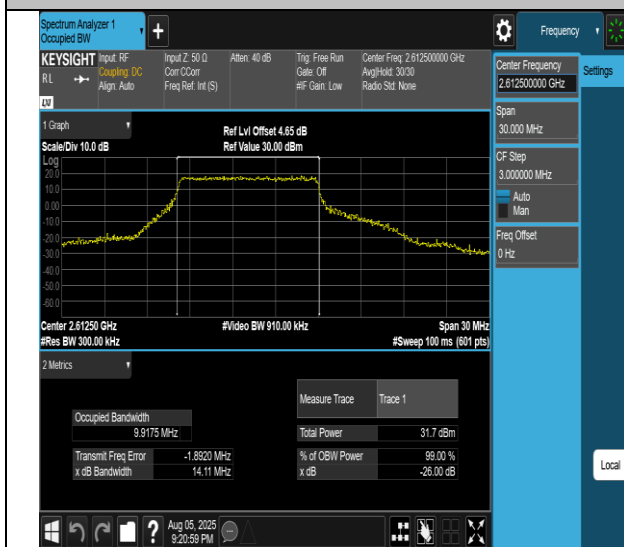




Band38-15MHz-16QAM-37825-54RB#0-PASS



Band38-15MHz-16QAM-38000-54RB#0-PASS



Band38-15MHz-16QAM-38175-54RB#0-PASS



Band38-20MHz-16QAM-37850-54RB#0-PASS



Band38-20MHz-16QAM-38000-54RB#0-PASS



Band38-20MHz-16QAM-38150-54RB#0-PASS

~The End~