

Appendix-A LTE Band 41

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band41	5MHz	16QAM	39675	1RB#0	23.52	26.52	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#12	23.86	26.86	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#24	23.58	26.58	33.00	PASS
Band41	5MHz	16QAM	39675	25RB#0	22.85	25.85	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#0	23.74	26.74	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#12	23.98	26.98	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#24	24.07	27.07	33.00	PASS
Band41	5MHz	16QAM	40620	25RB#0	22.82	25.82	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#0	23.87	26.87	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#12	24.15	27.15	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#24	24.17	27.17	33.00	PASS
Band41	5MHz	16QAM	41565	25RB#0	23.19	26.19	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#0	23.64	26.64	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#24	24.33	27.33	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#49	23.60	26.6	33.00	PASS
Band41	10MHz	16QAM	39700	50RB#0	22.91	25.91	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#0	23.92	26.92	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#24	24.31	27.31	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#49	24.02	27.02	33.00	PASS
Band41	10MHz	16QAM	40620	50RB#0	22.88	25.88	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#0	23.97	26.97	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#24	24.38	27.38	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#49	23.85	26.85	33.00	PASS
Band41	10MHz	16QAM	41540	50RB#0	23.17	26.17	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#0	23.70	26.7	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#38	23.97	26.97	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#74	23.60	26.6	33.00	PASS
Band41	15MHz	16QAM	39725	54RB#0	22.97	25.97	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#0	23.58	26.58	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#38	23.99	26.99	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#74	24.05	27.05	33.00	PASS
Band41	15MHz	16QAM	40620	54RB#0	22.99	25.99	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#0	23.76	26.76	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#38	24.17	27.17	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#74	23.89	26.89	33.00	PASS
Band41	15MHz	16QAM	41515	54RB#0	23.15	26.15	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#0	23.55	26.55	33.00	PASS

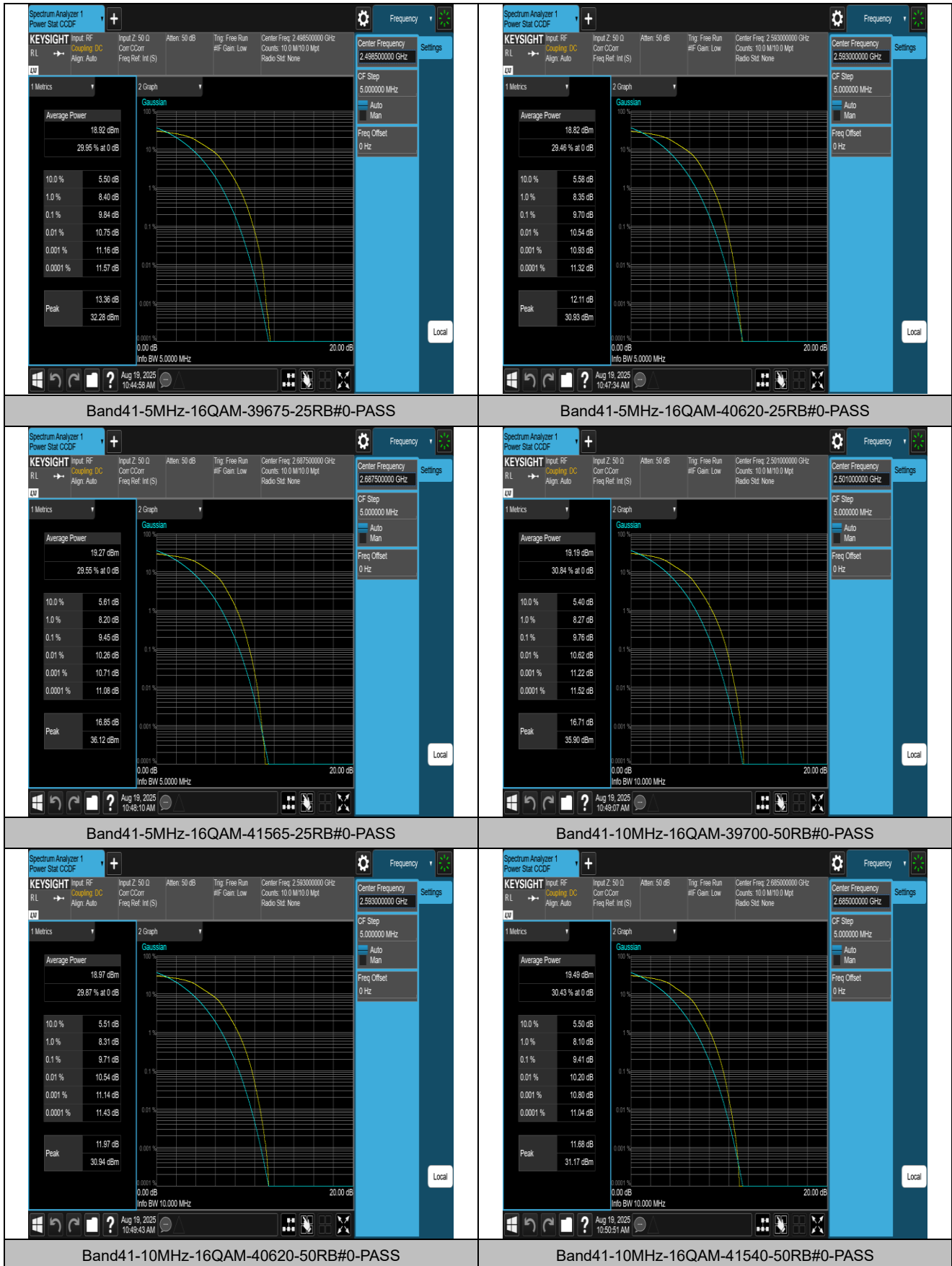
Band41	20MHz	16QAM	39750	1RB#49	24.19	27.19	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#99	23.59	26.59	33.00	PASS
Band41	20MHz	16QAM	39750	54RB#0	22.52	25.52	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#0	23.88	26.88	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#49	24.20	27.2	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#99	23.98	26.98	33.00	PASS
Band41	20MHz	16QAM	40620	54RB#0	22.88	25.88	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#0	23.91	26.91	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#49	24.40	27.4	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#99	23.92	26.92	33.00	PASS
Band41	20MHz	16QAM	41490	54RB#0	22.96	25.96	33.00	PASS

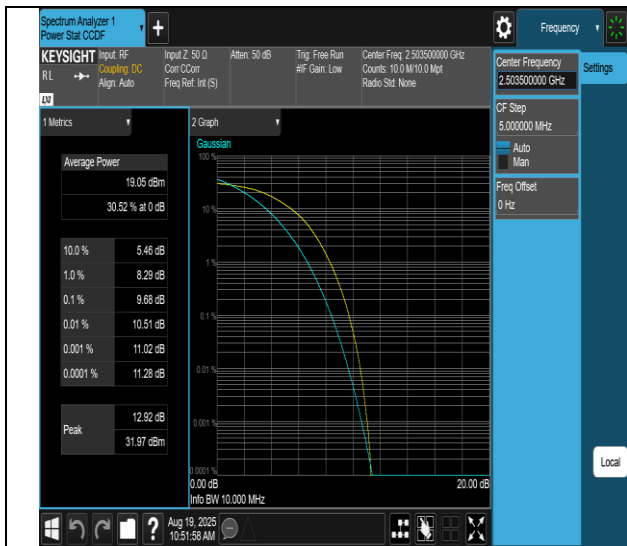
Peak-to-Average Ratio(CCDF)

Test Result

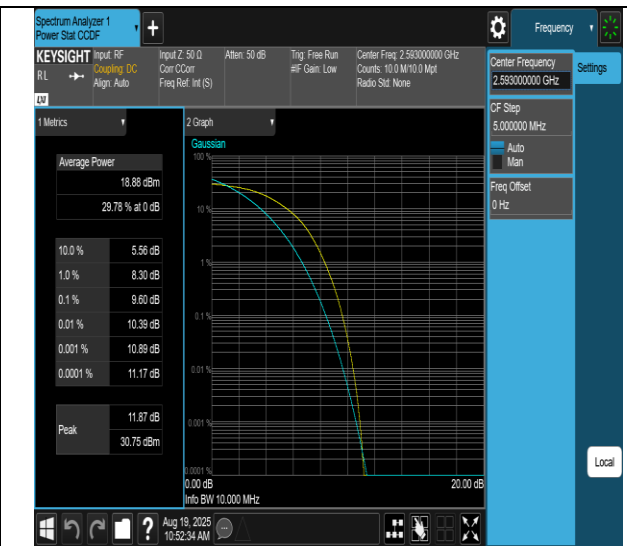
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band41	5MHz	16QAM	39675	25RB#0	9.84	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	9.70	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	9.45	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	9.76	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	9.71	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.41	13	PASS
Band41	15MHz	16QAM	39725	54RB#0	9.68	13	PASS
Band41	15MHz	16QAM	40620	54RB#0	9.60	13	PASS
Band41	15MHz	16QAM	41515	54RB#0	9.47	13	PASS
Band41	20MHz	16QAM	39725	54RB#0	10.07	13	PASS
Band41	20MHz	16QAM	40620	54RB#0	9.61	13	PASS
Band41	20MHz	16QAM	41515	54RB#0	8.97	13	PASS

Test Graphs

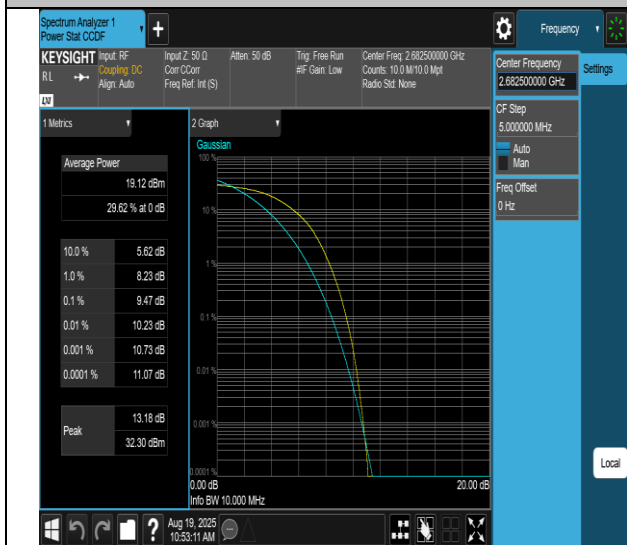




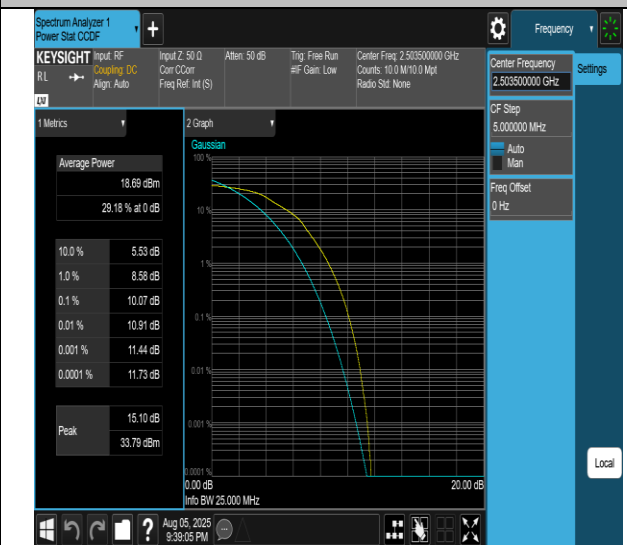
Band41-15MHz-16QAM-39725-54RB#0-PASS



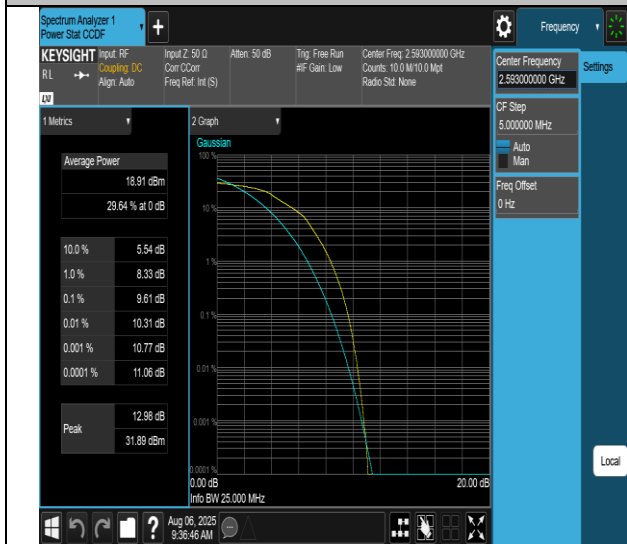
Band41-15MHz-16QAM-40620-54RB#0-PASS



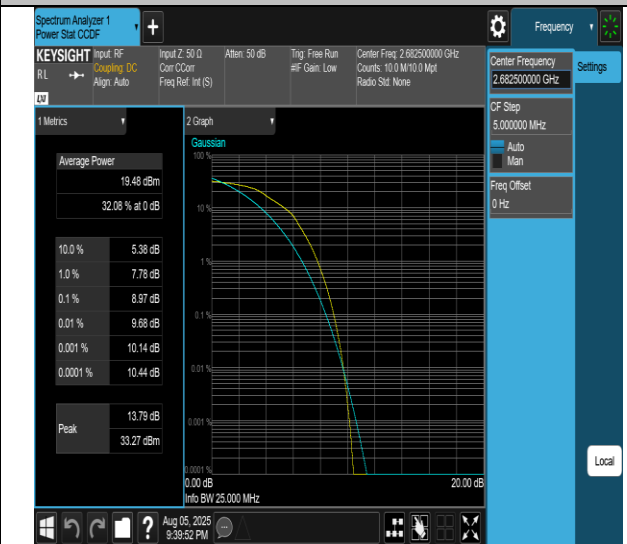
Band41-15MHz-16QAM-41515-54RB#0-PASS



Band41-20MHz-16QAM-39725-54RB#0-PASS



Band41-20MHz-16QAM-40620-54RB#0-PASS



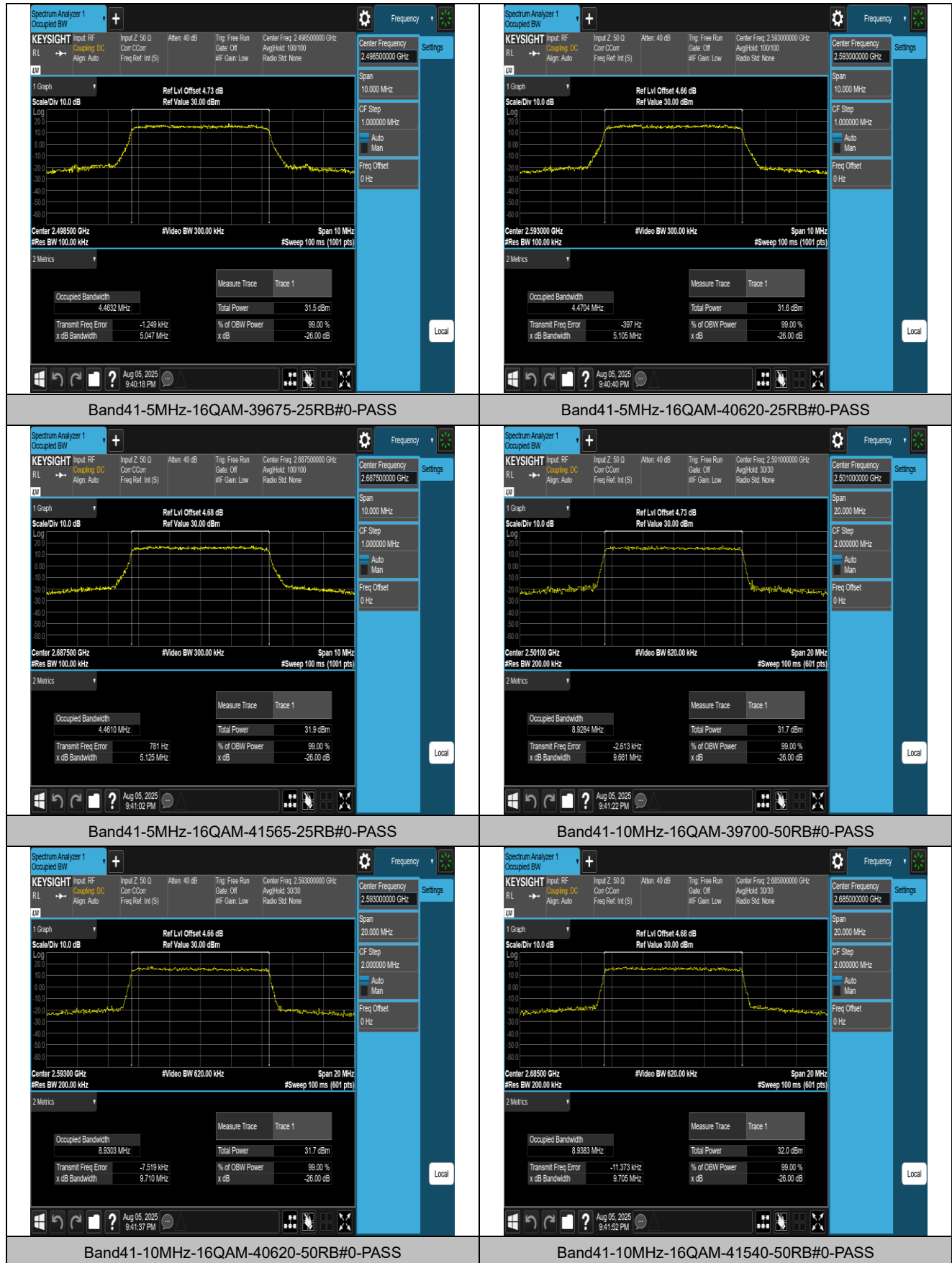
Band41-20MHz-16QAM-41515-54RB#0-PASS

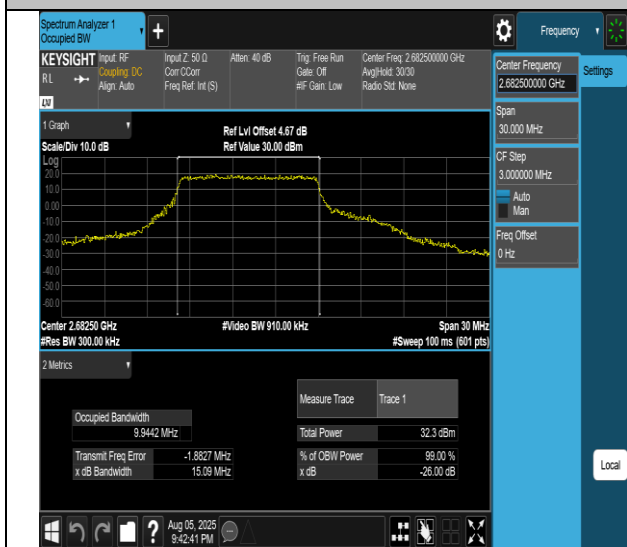
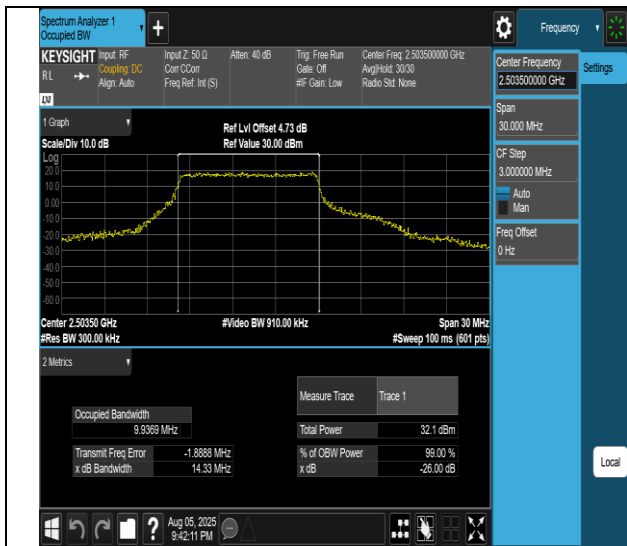
26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band41	5MHz	16QAM	39675	25RB#0	4.4632	5.047	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.4704	5.105	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.4610	5.125	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.9284	9.661	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.9303	9.710	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.9383	9.705	PASS
Band41	15MHz	16QAM	39725	54RB#0	9.9369	14.33	PASS
Band41	15MHz	16QAM	40620	54RB#0	9.9780	14.40	PASS
Band41	15MHz	16QAM	41515	54RB#0	9.9442	15.09	PASS
Band41	20MHz	16QAM	39750	54RB#0	10.281	15.57	PASS
Band41	20MHz	16QAM	40620	54RB#0	10.209	14.79	PASS
Band41	20MHz	16QAM	41490	54RB#0	10.197	15.39	PASS

Test Graphs





~The End~