

Appendix-A LTE Band 12

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band12	1.4MHz	16QAM	23017	1RB#0	23.21	25.01	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.4	25.2	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.19	23.99	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.43	23.23	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	23.87	25.67	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	24.1	25.9	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.79	24.59	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	22.15	23.95	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	24.08	25.88	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	24.57	26.37	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	23.03	24.83	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	22.82	24.62	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	23.49	25.29	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#8	23.49	25.29	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.07	23.87	34.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.92	23.72	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	23.64	25.44	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	24	25.8	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.21	24.01	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	22.31	24.11	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	24.26	26.06	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#8	24.72	26.52	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.87	24.67	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.39	23.19	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	23.35	25.15	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	23.03	24.83	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#24	23.97	25.77	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	22.22	24.02	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	23.66	25.46	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	23.57	25.37	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.95	24.75	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	22.25	24.05	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	23.42	25.22	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	23.94	25.74	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	24.6	26.4	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	22.58	24.38	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	23.06	24.86	34.77	PASS

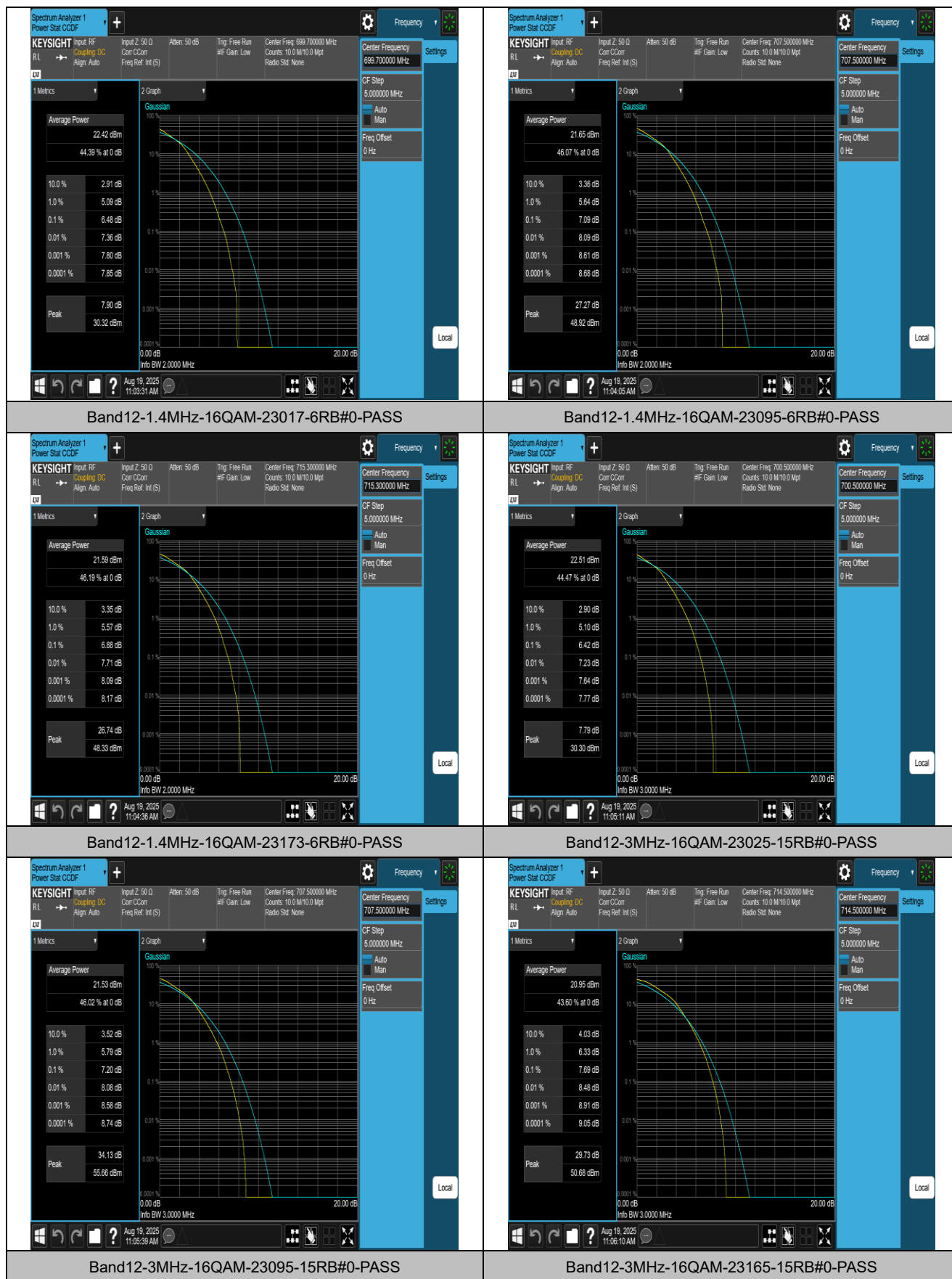
Band12	10MHz	16QAM	23060	1RB#24	24.14	25.94	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	23.59	25.39	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	22.58	24.38	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	23.54	25.34	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	23.75	25.55	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	23.23	25.03	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	22.53	24.33	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	23.47	25.27	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#24	23.67	25.47	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	24.19	25.99	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	22.54	24.34	34.77	PASS

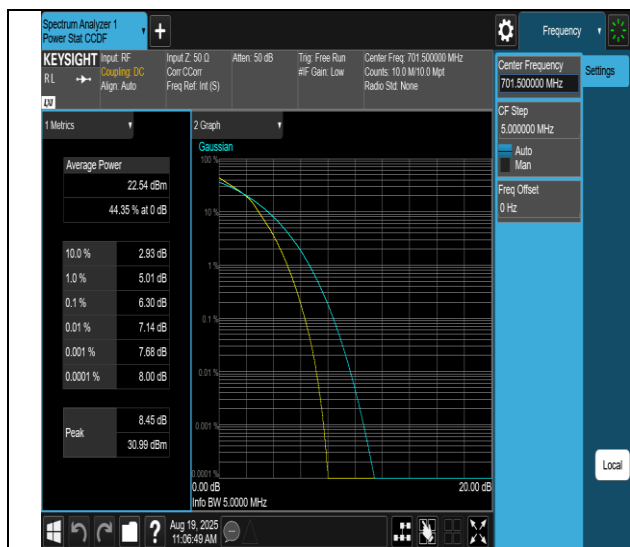
Peak-to-Average Ratio(CCDF)

Test Result

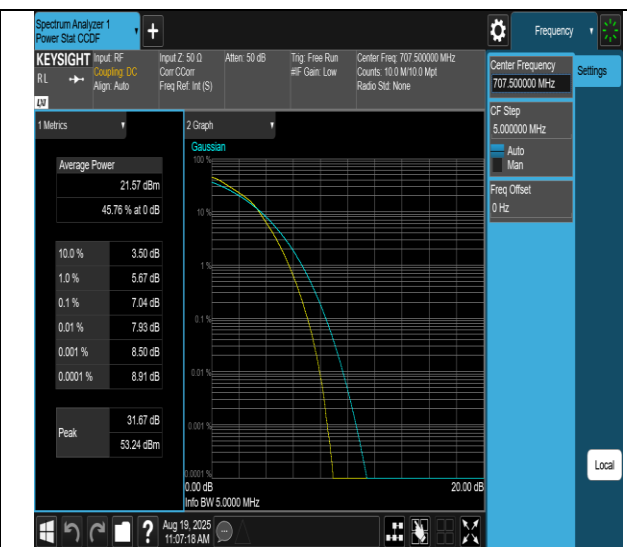
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band12	1.4MHz	16QAM	23017	6RB#0	6.48	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	7.09	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.88	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.42	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	7.20	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	7.69	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.30	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	7.04	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.81	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.24	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.33	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.43	13	PASS

Test Graphs

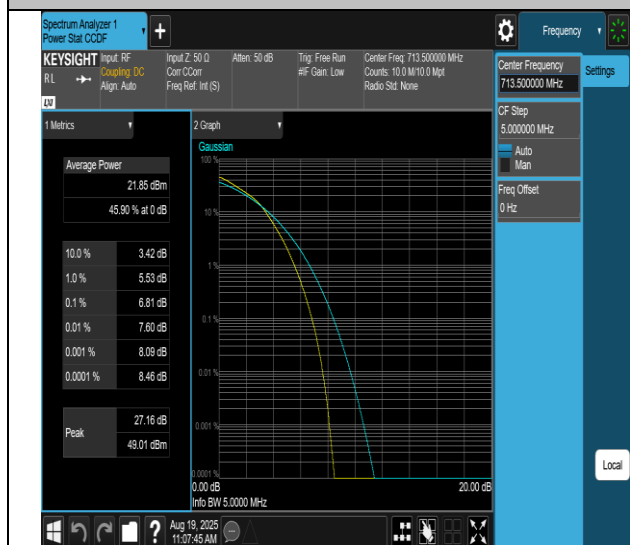




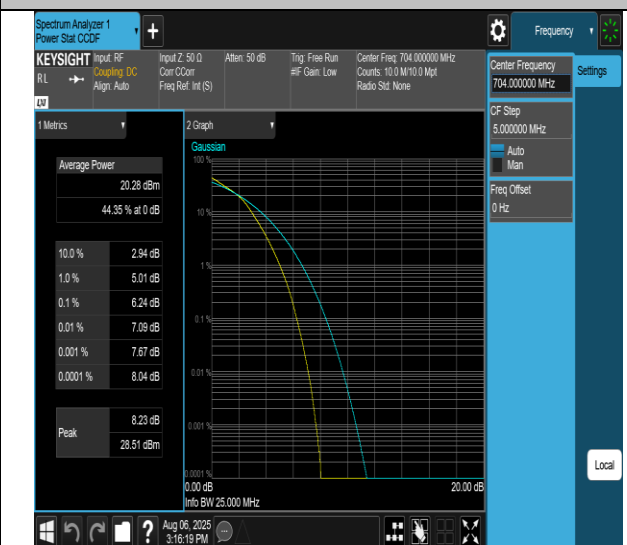
Band12-5MHz-16QAM-23035-25RB#0-PASS



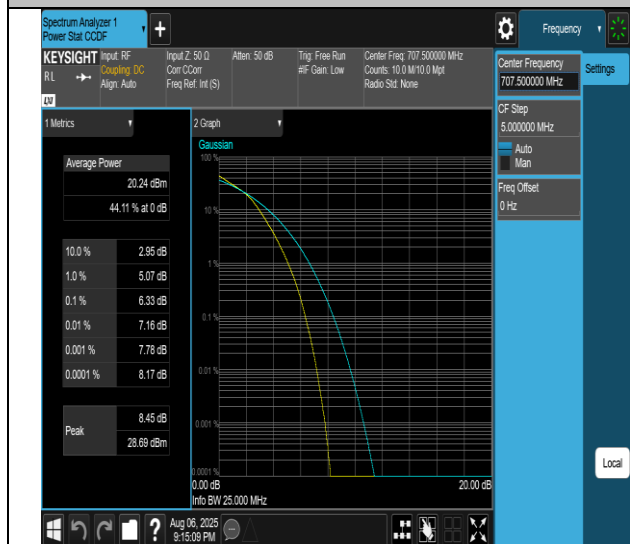
Band12-5MHz-16QAM-23095-25RB#0-PASS



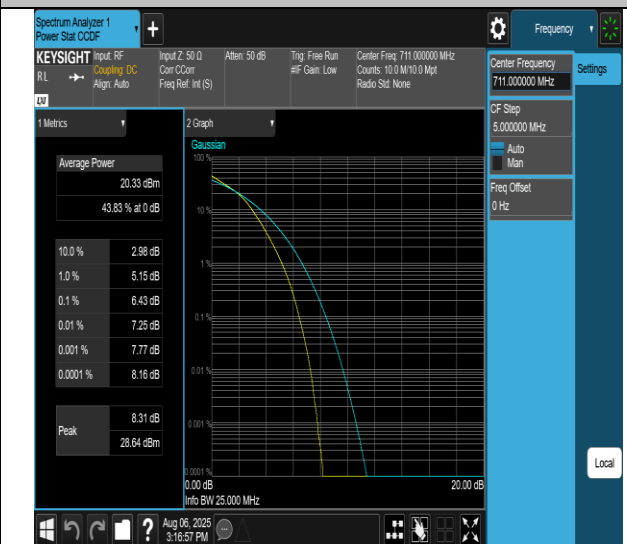
Band12-5MHz-16QAM-23155-25RB#0-PASS



Band12-10MHz-16QAM-23060-50RB#0-PASS



Band12-10MHz-16QAM-23095-50RB#0-PASS



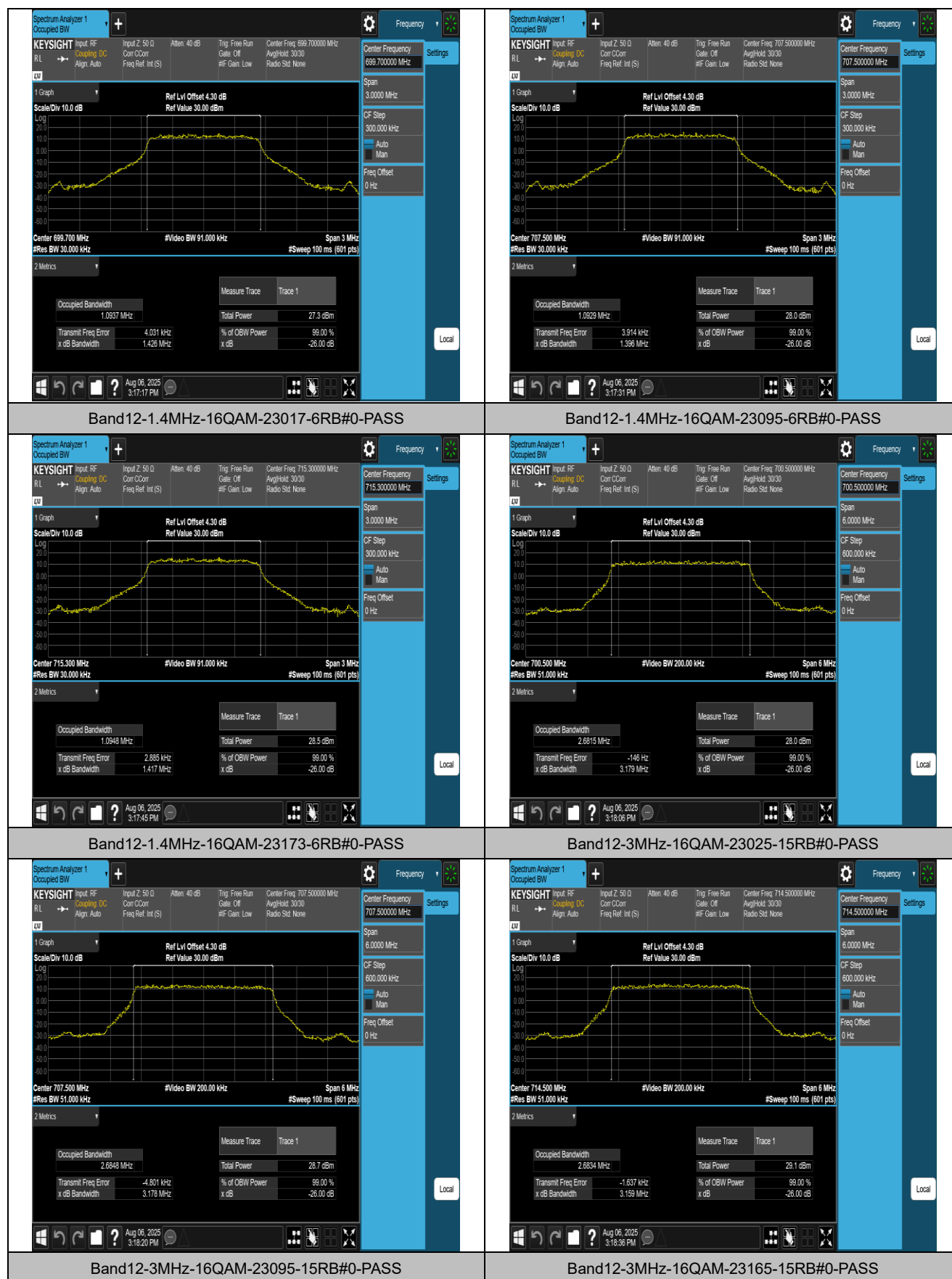
Band12-10MHz-16QAM-23130-50RB#0-PASS

26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band12	1.4MHz	16QAM	23017	6RB#0	1.0937	1.426	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0929	1.396	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0948	1.417	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6815	3.179	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6848	3.178	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6834	3.159	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4677	5.049	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4697	5.080	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4598	5.078	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.8988	9.632	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9108	9.620	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9339	9.644	PASS

Test Graphs

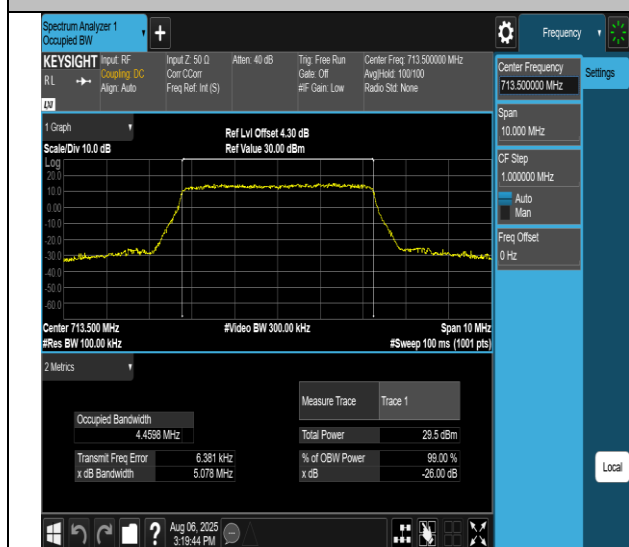




Band12-5MHz-16QAM-23035-25RB#0-PASS



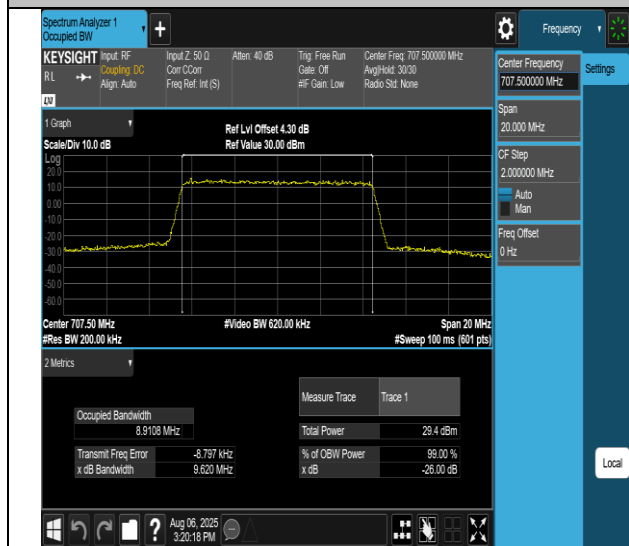
Band12-5MHz-16QAM-23095-25RB#0-PASS



Band12-5MHz-16QAM-23155-25RB#0-PASS



Band12-10MHz-16QAM-23060-50RB#0-PASS



Band12-10MHz-16QAM-23095-50RB#0-PASS



Band12-10MHz-16QAM-23130-50RB#0-PASS

~The End~