

Appendix-A LTE Band 5

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	16QAM	20407	1RB#0	23.16	23.54	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.3	23.68	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.56	22.94	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.85	22.23	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.64	24.02	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.73	24.11	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.77	23.15	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.03	22.41	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.17	23.55	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.09	23.47	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	23.37	23.75	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.42	21.8	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	23.12	23.5	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	23.25	23.63	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.47	22.85	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.85	22.23	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	23.42	23.8	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	23.54	23.92	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.7	23.08	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.14	22.52	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.41	23.79	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.54	23.92	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.19	23.57	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.71	22.09	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	23.26	23.64	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.71	23.09	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.69	23.07	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.85	22.23	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.48	23.86	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.35	23.73	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.12	23.5	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.04	22.42	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.32	23.7	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	23.11	23.49	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	23.15	23.53	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.01	22.39	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	23.28	23.66	38.45	PASS

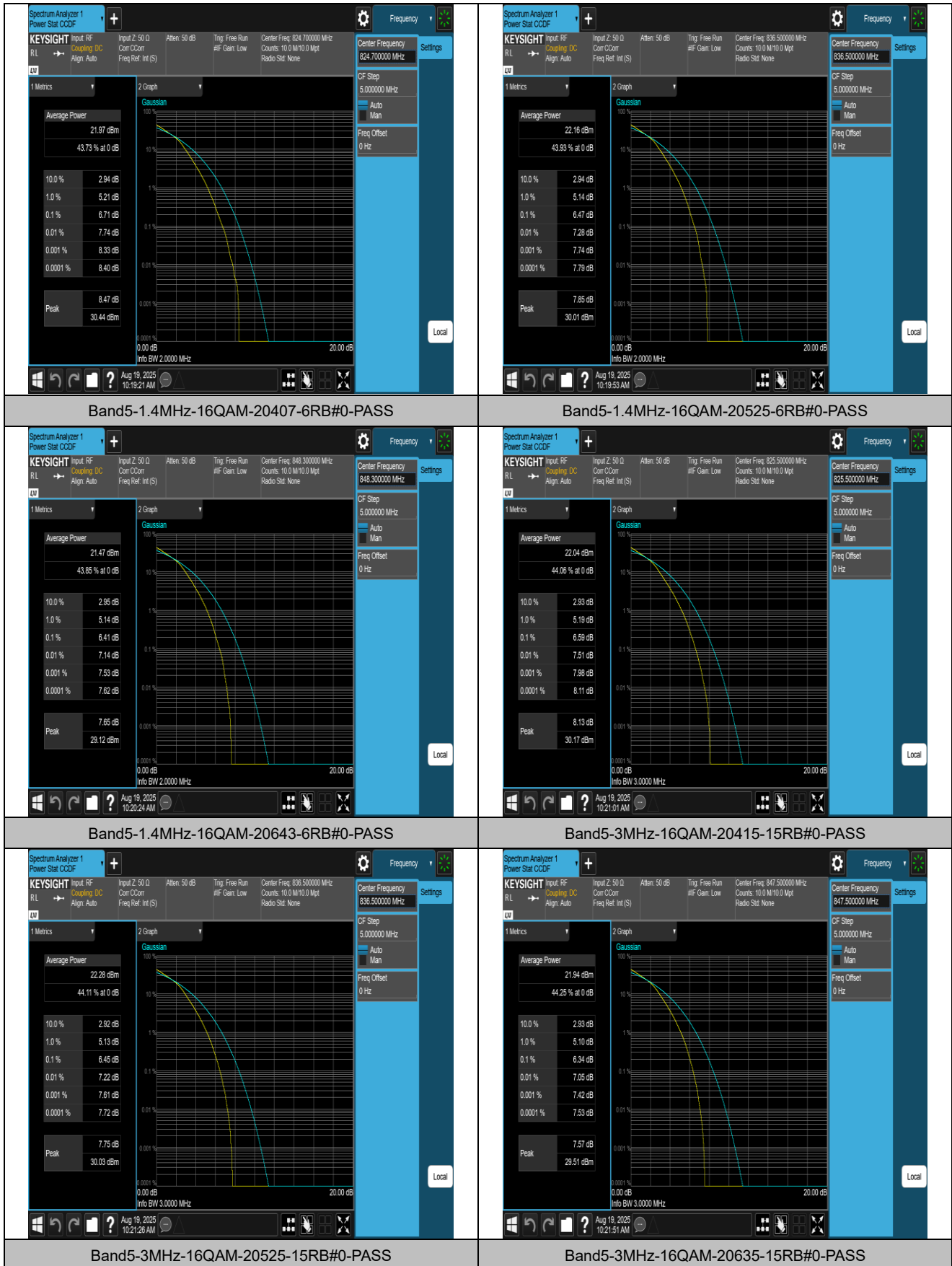
Band5	10MHz	16QAM	20450	1RB#24	23.08	23.46	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.56	22.94	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	22.09	22.47	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.58	23.96	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.76	24.14	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.32	23.7	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.16	22.54	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.29	23.67	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.45	23.83	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	23.21	23.59	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.07	22.45	38.45	PASS

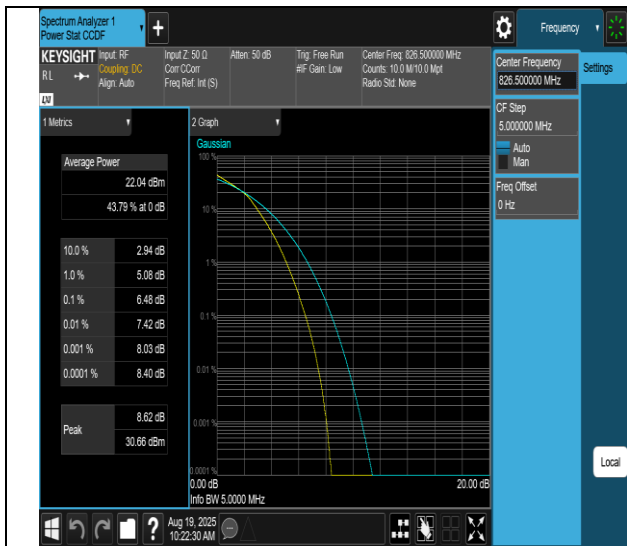
Peak-to-Average Ratio(CCDF)

Test Result

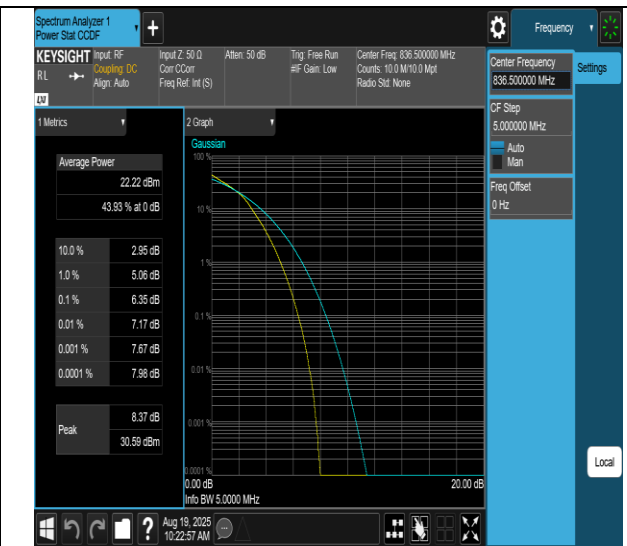
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band5	1.4MHz	16QAM	20407	6RB#0	6.71	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.47	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.41	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.59	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.45	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.34	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.48	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.35	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.28	13	PASS
Band5	10MHz	16QAM	20450	100RB#0	7.01	13	PASS
Band5	10MHz	16QAM	20525	100RB#0	6.43	13	PASS
Band5	10MHz	16QAM	20600	100RB#0	6.91	13	PASS

Test Graphs

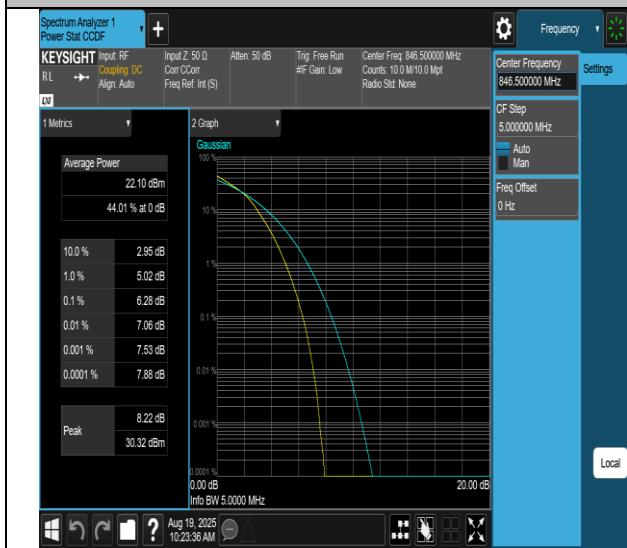




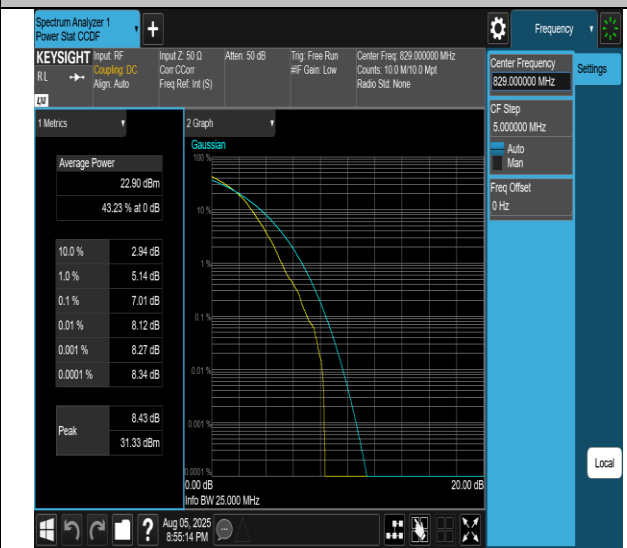
Band5-5MHz-16QAM-20425-25RB#0-PASS



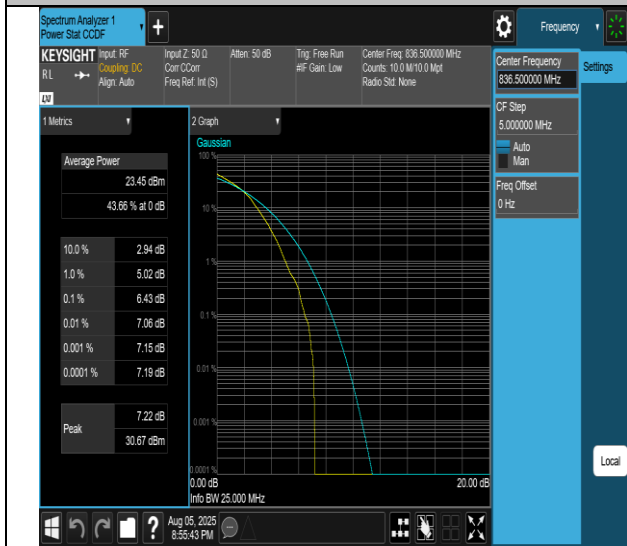
Band5-5MHz-16QAM-20525-25RB#0-PASS



Band5-5MHz-16QAM-20625-25RB#0-PASS



Band5-10MHz-16QAM-20450-100RB#0-PASS



Band5-10MHz-16QAM-20525-100RB#0-PASS



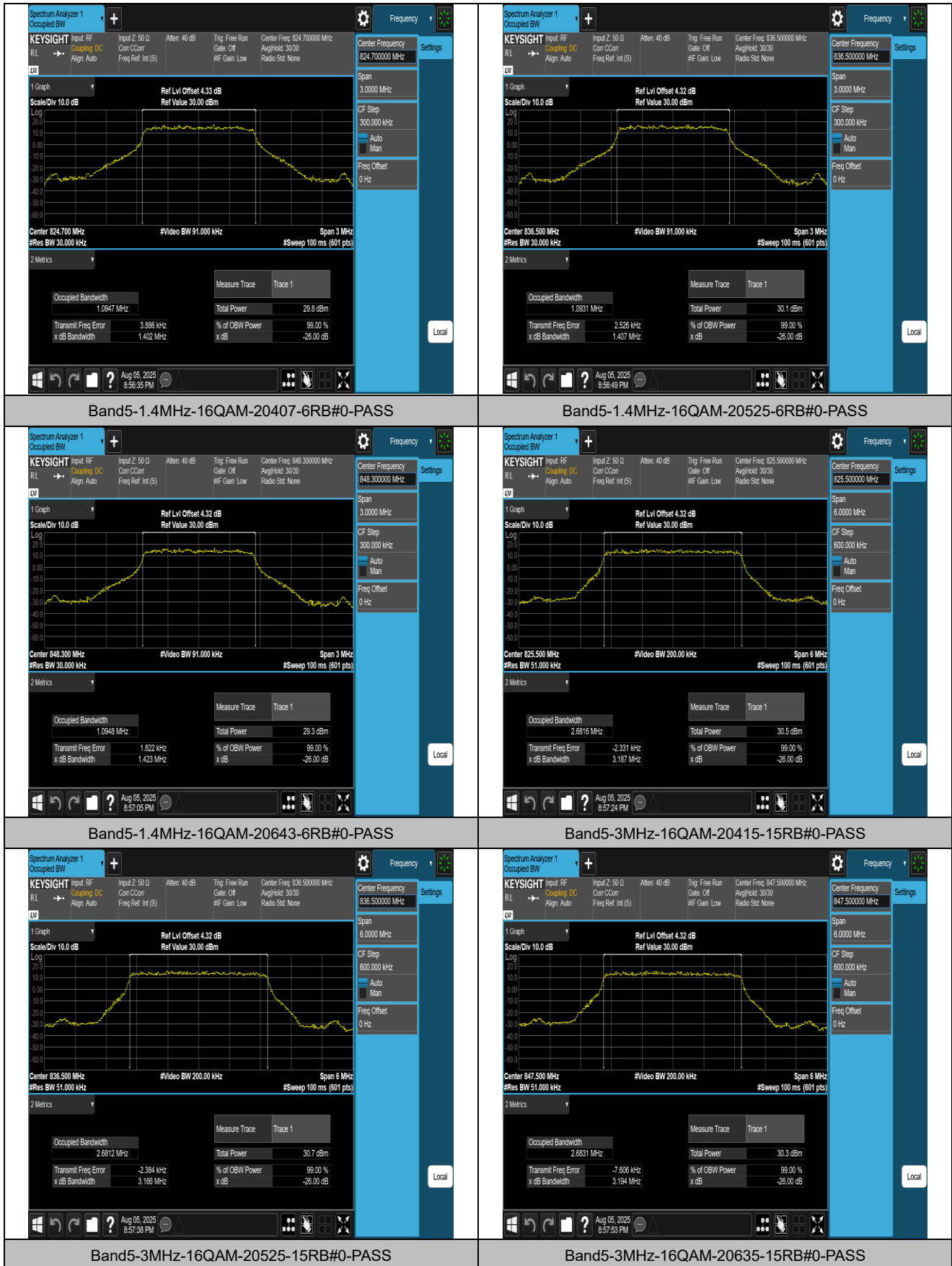
Band5-10MHz-16QAM-20600-100RB#0-PASS

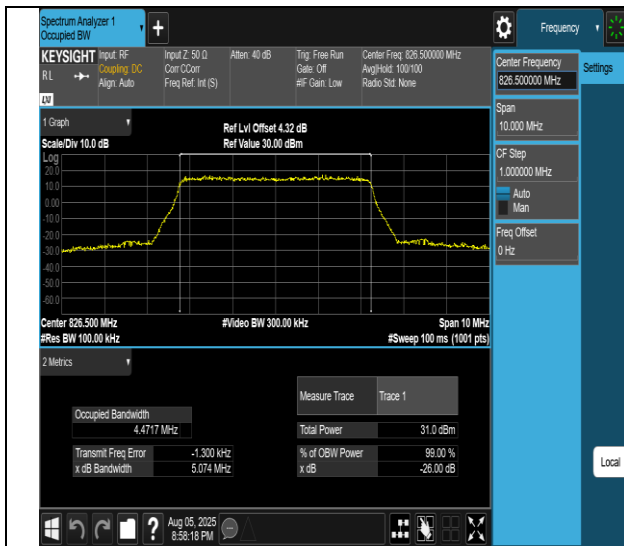
26dB Bandwidth and Occupied Bandwidth

Test Result

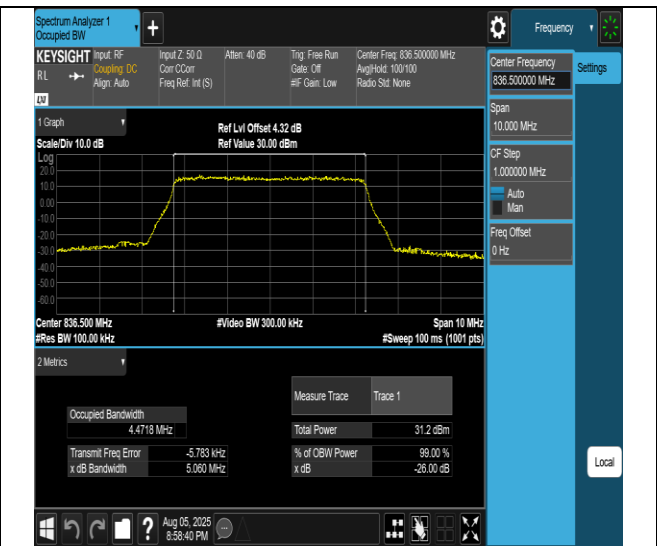
Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band5	1.4MHz	16QAM	20407	6RB#0	1.0947	1.402	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0931	1.407	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0948	1.423	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6816	3.187	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6812	3.166	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6831	3.194	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4717	5.074	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4718	5.060	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4608	5.073	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9307	9.698	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9164	9.706	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9252	9.673	PASS

Test Graphs

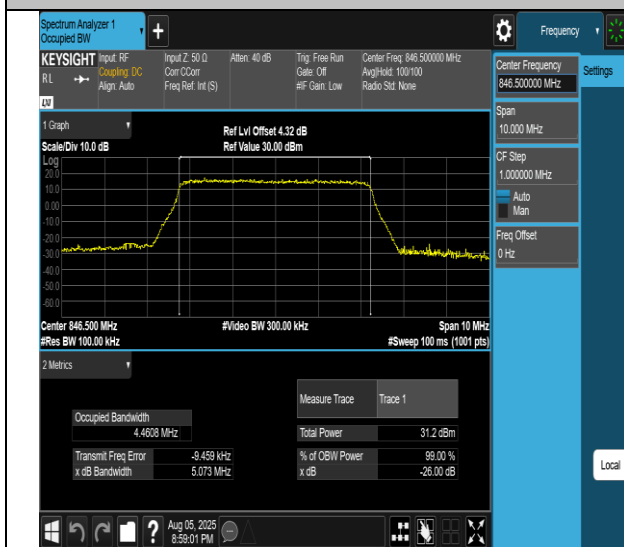




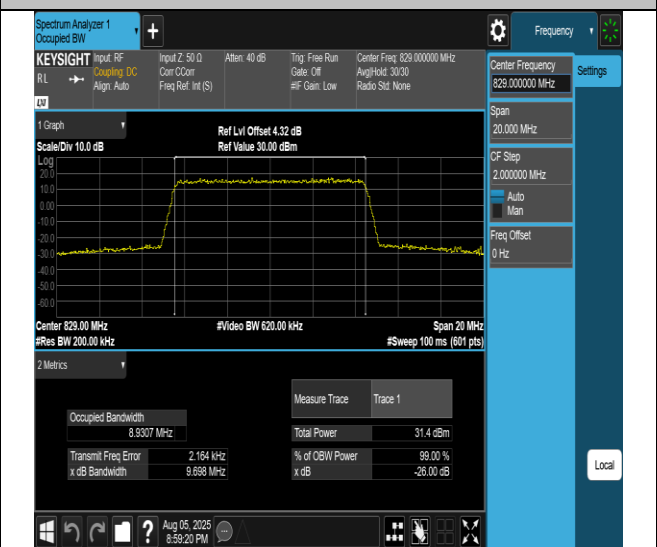
Band5-5MHz-16QAM-20425-25RB#0-PASS



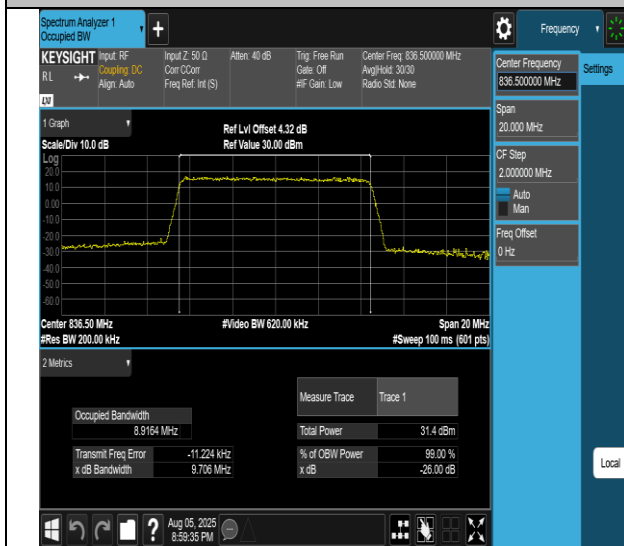
Band5-5MHz-16QAM-20525-25RB#0-PASS



Band5-5MHz-16QAM-20625-25RB#0-PASS



Band5-10MHz-16QAM-20450-50RB#0-PASS



Band5-10MHz-16QAM-20525-50RB#0-PASS



Band5-10MHz-16QAM-20600-50RB#0-PASS

~The End~