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Jason C. Murphy* (murphy@math.berkeley.edu). *Nonlinear Schrödinger equations at non-conserved critical regularity.*

We consider a class of defocusing nonlinear Schrödinger equations for which the power of the nonlinearity is neither mass-critical nor energy-critical. Following a concentration-compactness approach, we will show that any solution that remains bounded in the critical Sobolev must be global and scatter. (Received September 02, 2014)