



Figure 1. Demonstration of SPE localization using the AFM indenting technique. (a) Cartoon of AFM indenting procedure to encode strain with nanometer-scale precision and repeatability. (b) Enhanced fluorescence emission from many indents made in WSe_2 /PMMA in the pattern of “NRL” and “AFRL”. (c) Photoluminescence spectra for three different indents (labeled #2, #6, and #9) and away from the indented regions showing sharp emission features on the indents. (d) Antibunching experiment for indents 2, 6, and 9. $g^{(2)}(0) = 0.34$ for indent 2, $g^{(2)}(0) = 0.33$ for indent 6, and $g^{(2)}(0) = 0.41$ for indent 9. The black dashed lines represent $g^{(2)}(0) = 0.5$. $g^{(2)}(0) < 0.5$ indicates single photon emission from the indents.