

Supporting Information for

Non-linear Transduction Strategies for Chemo-/Bio- Sensing on Small Length Scales

Aetna W. Wun, Preston T. Snee, YinThai Chan, Mounqi G. Bawendi and Daniel G. Nocera *

*Department of Chemistry, 6-335, Massachusetts Institute of Technology, 77 Massachusetts Avenue,
Cambridge, MA 02139-4307*

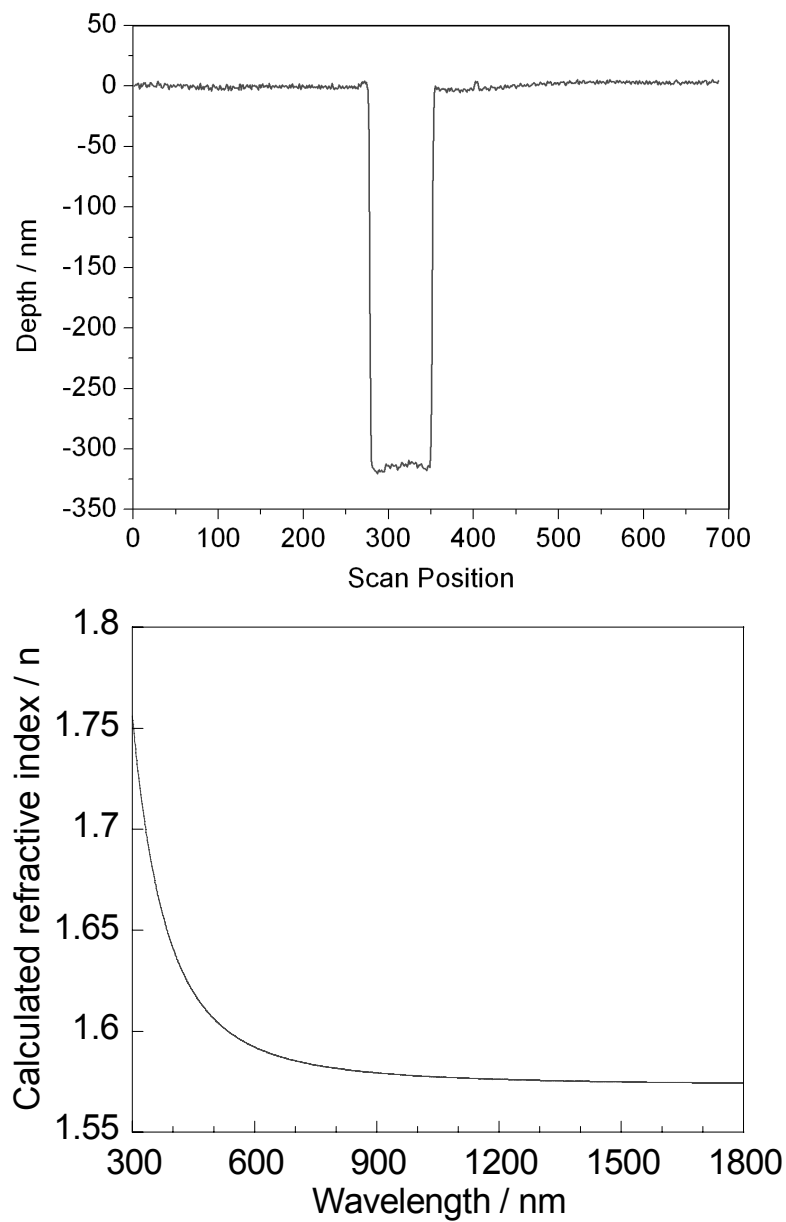


Figure S1. (Top) Surface profilometry trace for a thin film sample with thickness, $d = 318$ nm. (Bottom) Plot of the calculated refractive index (n) from spectroscopic ellipsometry measurements of the same film as a function of wavelength. The thickness is calculated to be $d = 349$ nm.