

Supporting Information

for

Assessing the plasmonics of gold nano-triangles with higher order laser modes

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SERS and Raman spectra of adenine molecules

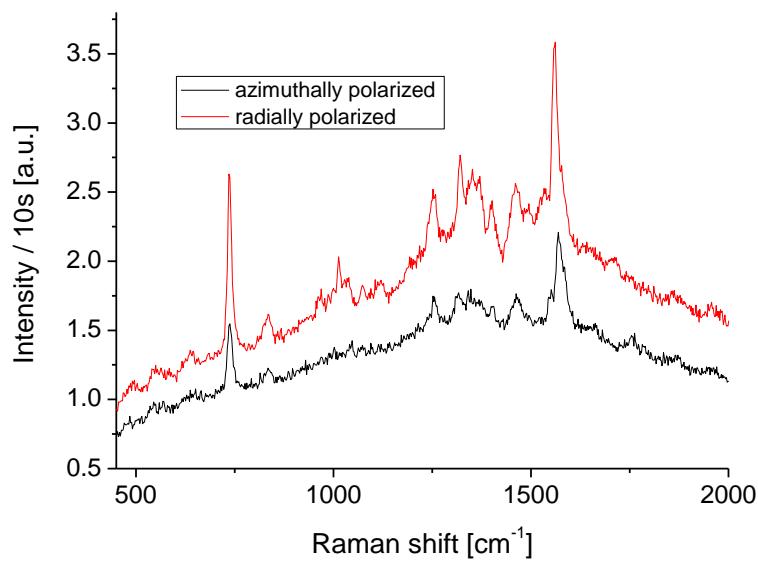


Figure S1: SERS spectra of adenine molecules adsorbed on a gold Fischer pattern ($L \approx 350$ nm, glass substrate). The black spectrum was collected through excitation with an azimuthally polarised laser beam. The red spectrum was collected through excitation with a radially polarised laser beam.

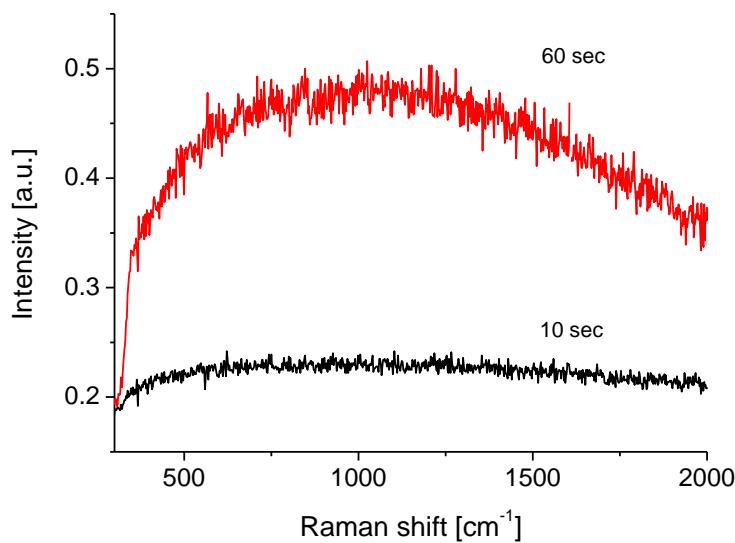


Figure S2: Raman spectra of adenine molecules adsorbed on a gold thin film using two different integration times. No obvious Raman peaks are observable due to the extremely low coverage with molecules. Both spectra were collected in radial donut mode.