ADVANCED OPTICAL MATERIALS

Supporting Information

for *Advanced Optical Materials*, DOI: 10.1002/adom.201800664

Imaging Electric and Magnetic Modes and Their Hybridization in Single and Dimer AlGaAs Nanoantennas

Cillian P. T. McPolin, Giuseppe Marino, Alexey V. Krasavin, Valerio Gili, Luca Carletti, Costantino De Angelis, Giuseppe Leo, and Anatoly V. Zayat*

Supporting Information

Imaging Electric and Magnetic Modes and their Hybridization in Single and Dimer AlGaAs Nanoantennas

Cillian P. T. McPolin, Giuseppe Marino, Alexey V. Krasavin, Valerio Gili, Luca Carletti, Costantino De Angelis, Giuseppe Leo, Anatoly V. Zayats

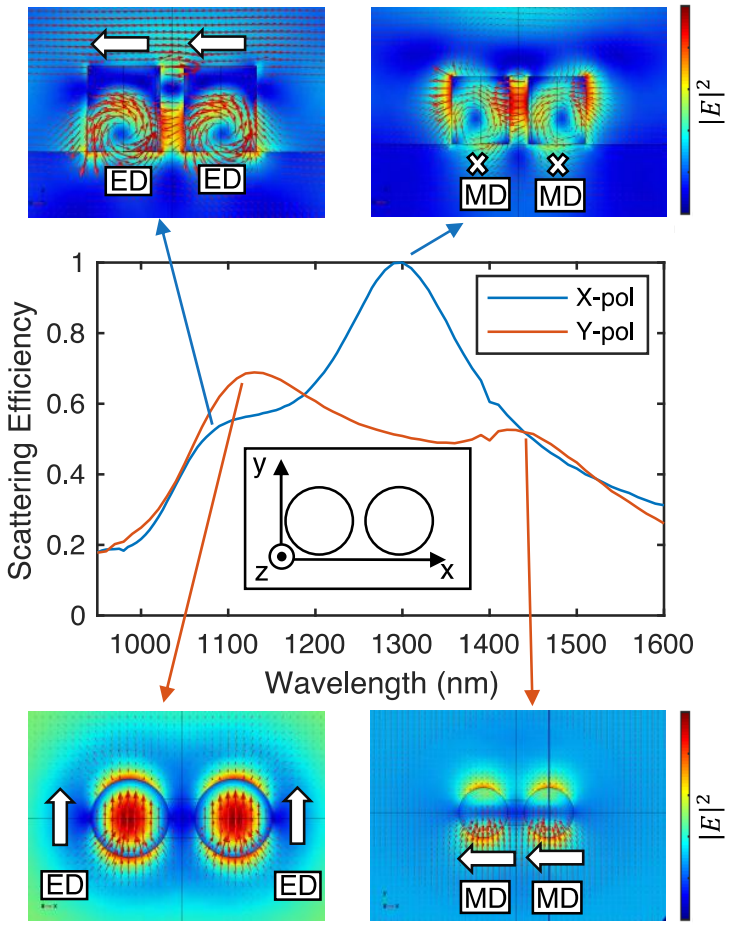

Figure S1. Simulated spectra for plane wave excitation of dimers with two polarizations. Insets display the field distributions, which are cross sections of the electric field intensity along the x-y (lower profiles) and x-z (upper profiles) planes, through the center of the nanopillars.

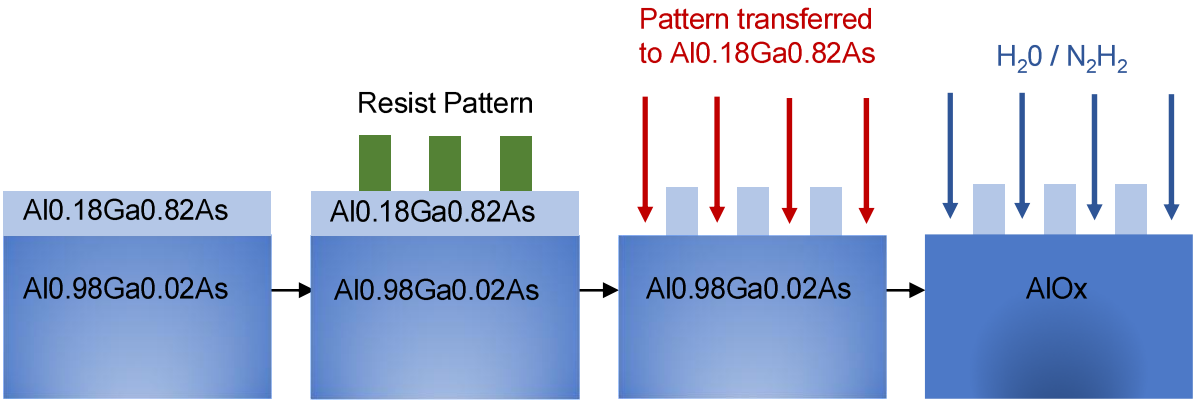

Figure S2. Sample fabrication process for the nanopillars.

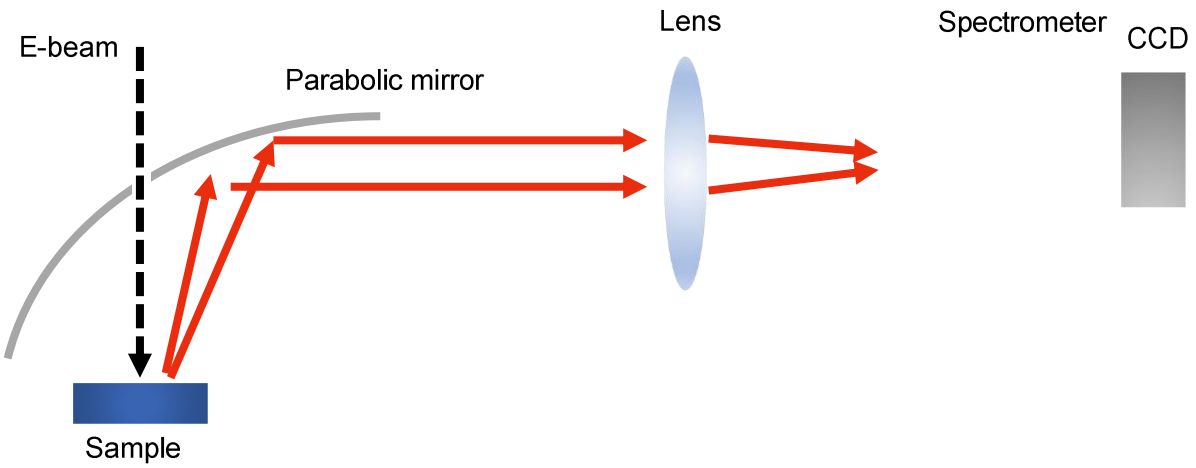

Figure S3. Cathodoluminescence imaging spectroscopy setup. An electron beam passes through a hole in a parabolic mirror, and subsequently irradiates the sample, giving rise to cathodoluminescence emission. The photons emitted into the far-field are collected by the parabolic mirror and redirected into a spectrometer.