Figure 6. The magnitude of the magnetic field of the Ag-based CNP for the TE polarization when (a) $\kappa = 0$, $\lambda = 575.69$ nm, and (b) $\kappa = -0.175$, $\lambda = 577.70$ nm. The MLS is located in region 1 at $(\rho_s, \phi_s) = (12$ nm, $0°)$. The field is shown in a circular region with radius of 90 nm. The curves representing the cylindrical surfaces of the CNP are likewise shown in the figure. Note that the dynamic range in (b) is larger than in (a). In terms of the distance normalized to the free space wavelength, λ, the x- and y-axes in (a) and (b) span the interval $[-0.156; +0.156]$ λ.

(a)

(b)