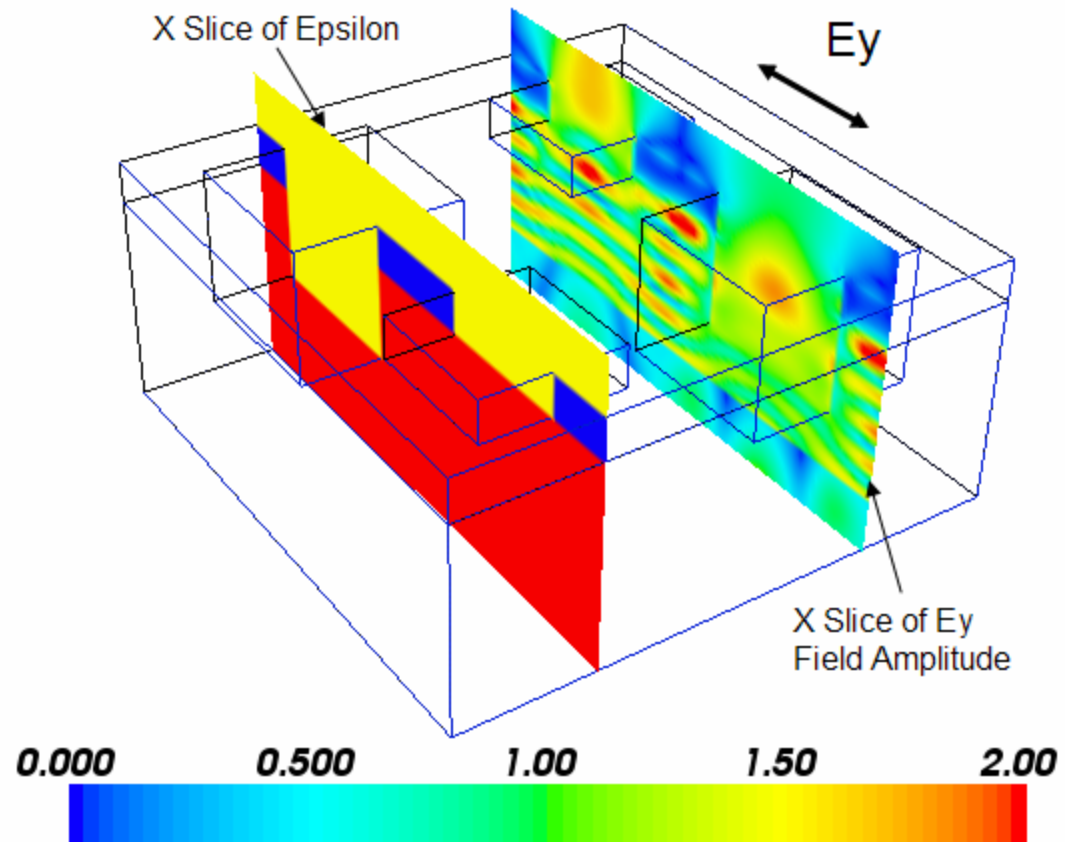


# Simulation of 3D Contact Alternating Phase Mask

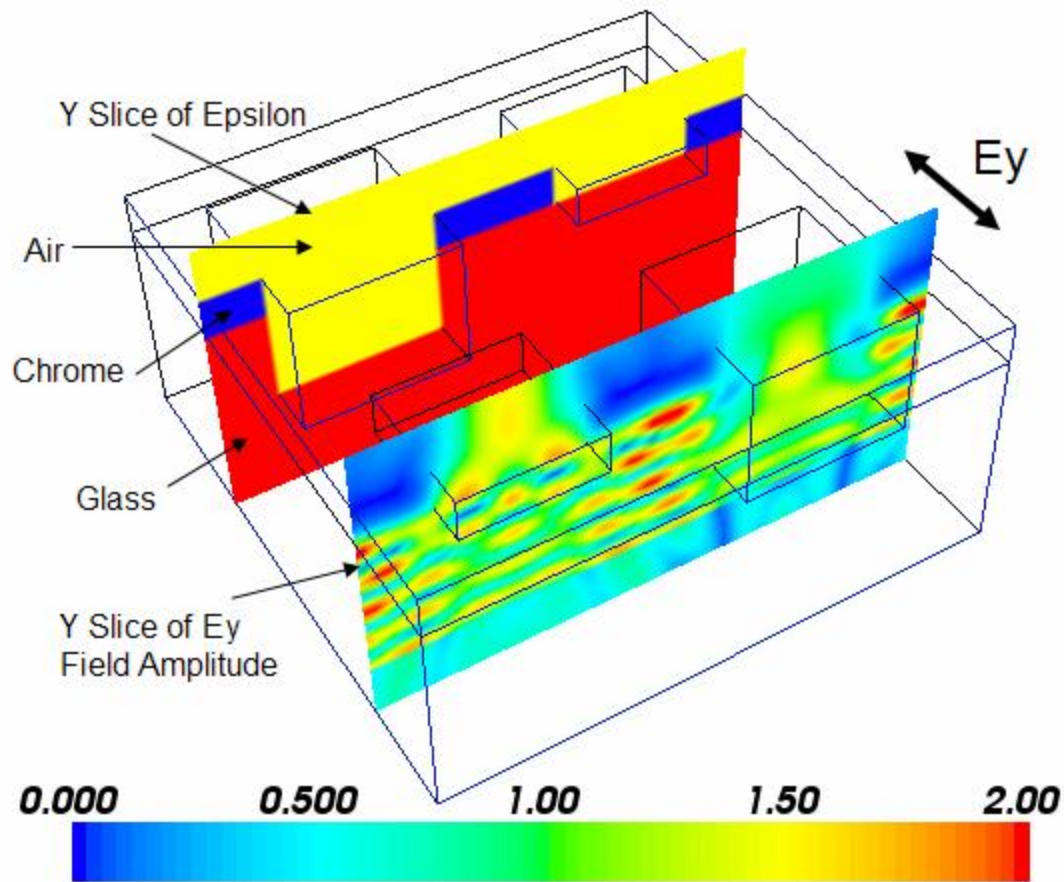
# Simulation Setup

- ❑ Wavelength = 193nm
- ❑ Normal incidence (+z direction) to mask
- ❑ Chrome width = 250nm
- ❑ 0-degree phase shifter width = 250nm
- ❑ 180-degree phase shifter width = 300nm
- ❑ Yee cell size = 10nm
- ❑ All mask dimensions are in object space

# X-Slice of $E_y$ Field and $\epsilon$



# Y-Slice of $E_y$ Field and $\epsilon$



# Z-Slice of $E_y$ Field

