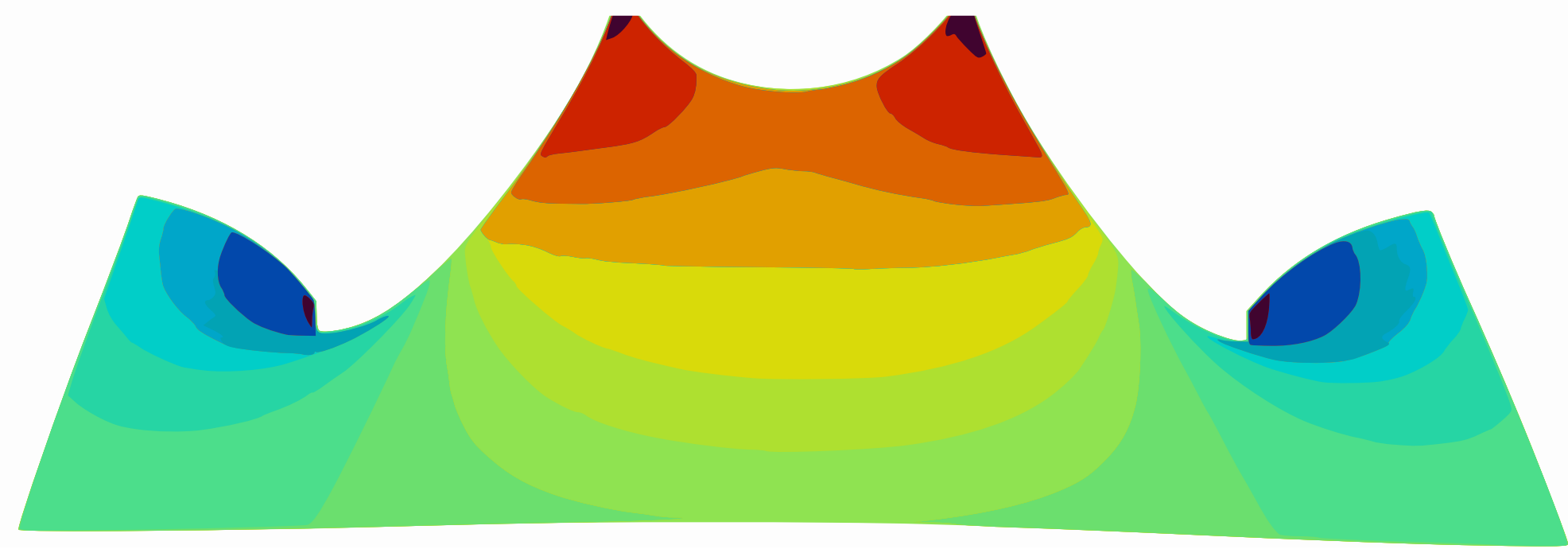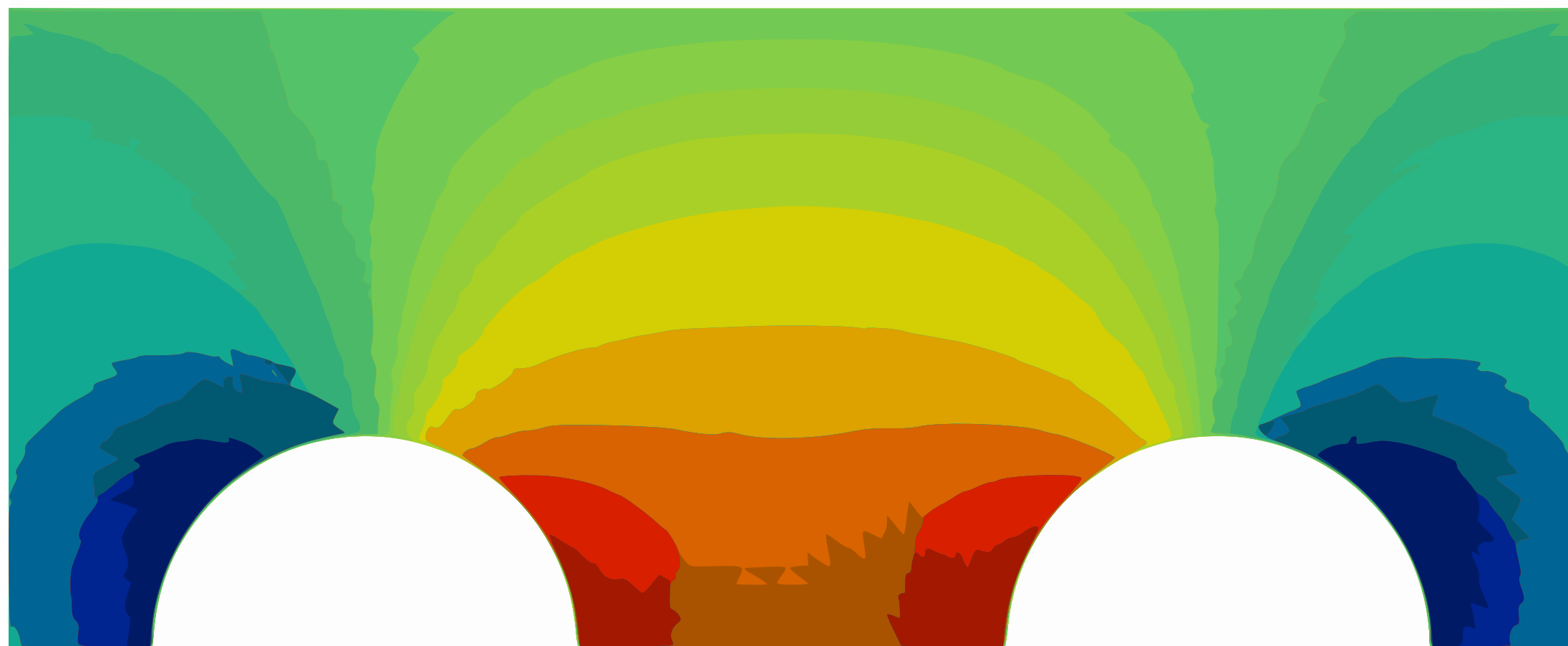$$\mathbf{E}_x = \left[x \left(x^2 + y^2 \right)^{-\frac{3}{2}} - (x - 4) \left((x - 4)^2 + y^2 \right)^{-\frac{3}{2}} \right]$$

$$\mathbf{E}_y = \left[y \left(x^2 + y^2 \right)^{\frac{3}{2}} - y \left((x - 4)^2 + y^2 \right)^{\frac{3}{2}} \right]$$