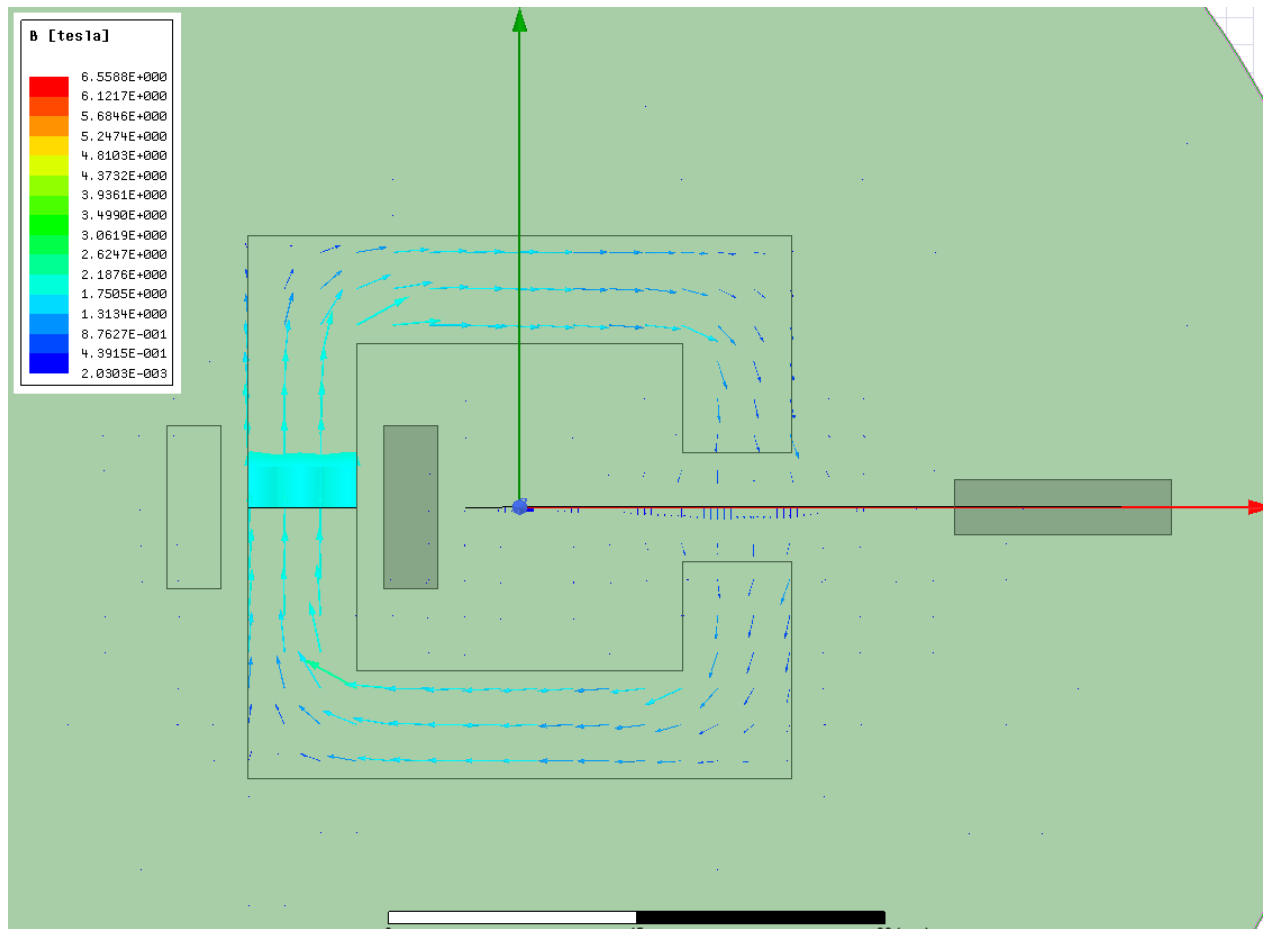
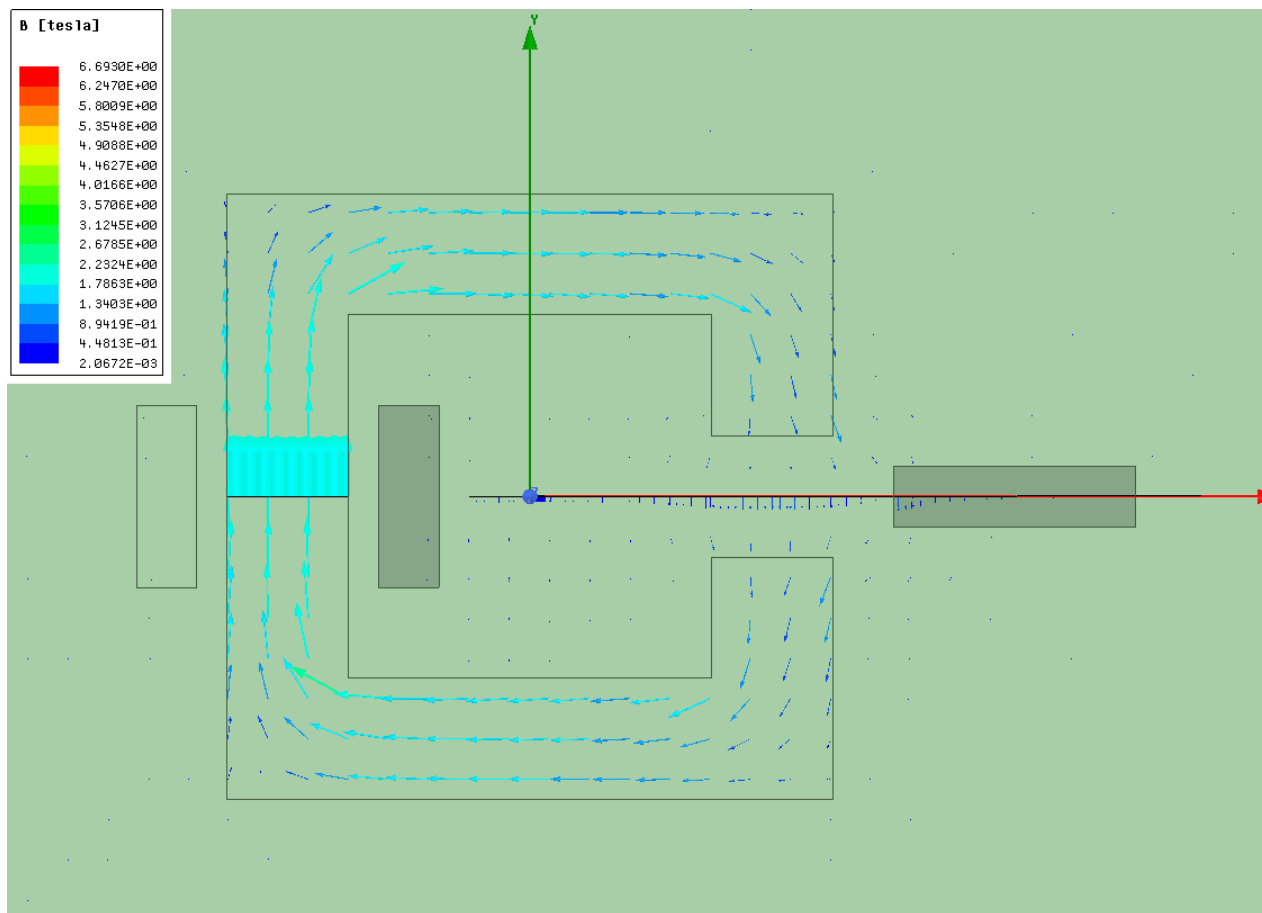


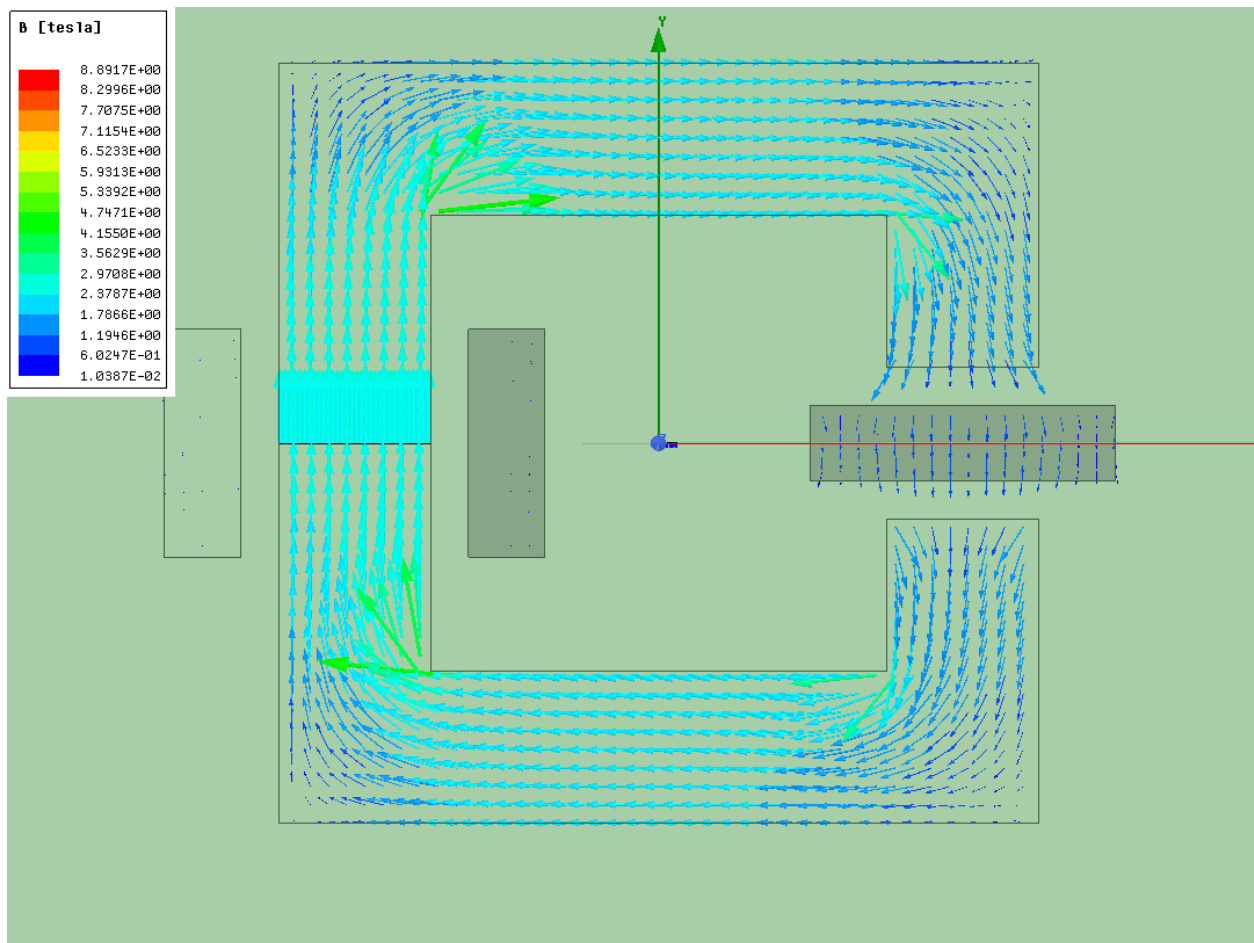
$$H_{gap} = \frac{NI}{g}$$

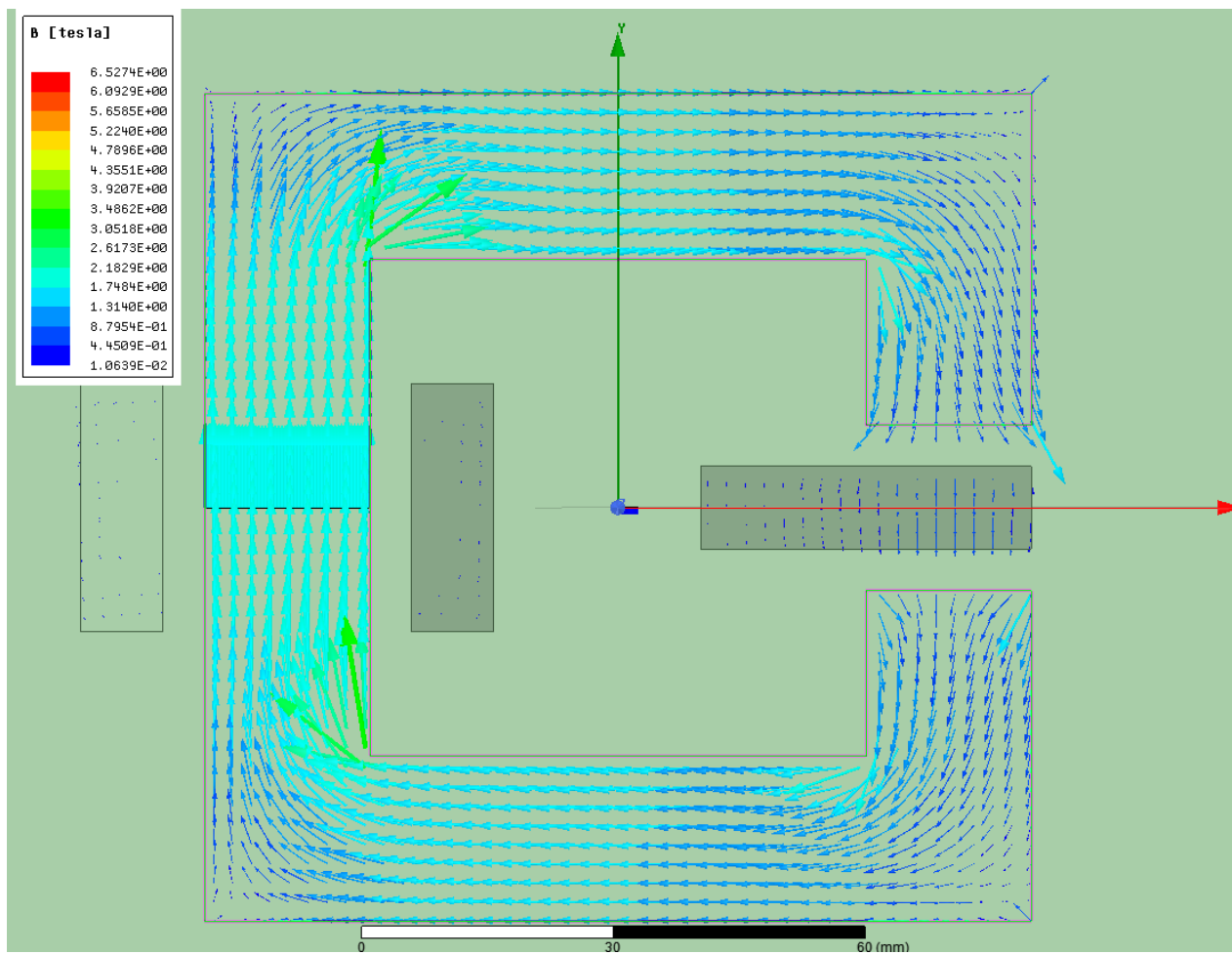
$$\frac{B}{\mu_0} * H_{gap} = NI = \frac{0.5}{4\pi} * 10^{-7} * 2 * 10^{-2} = 7958$$

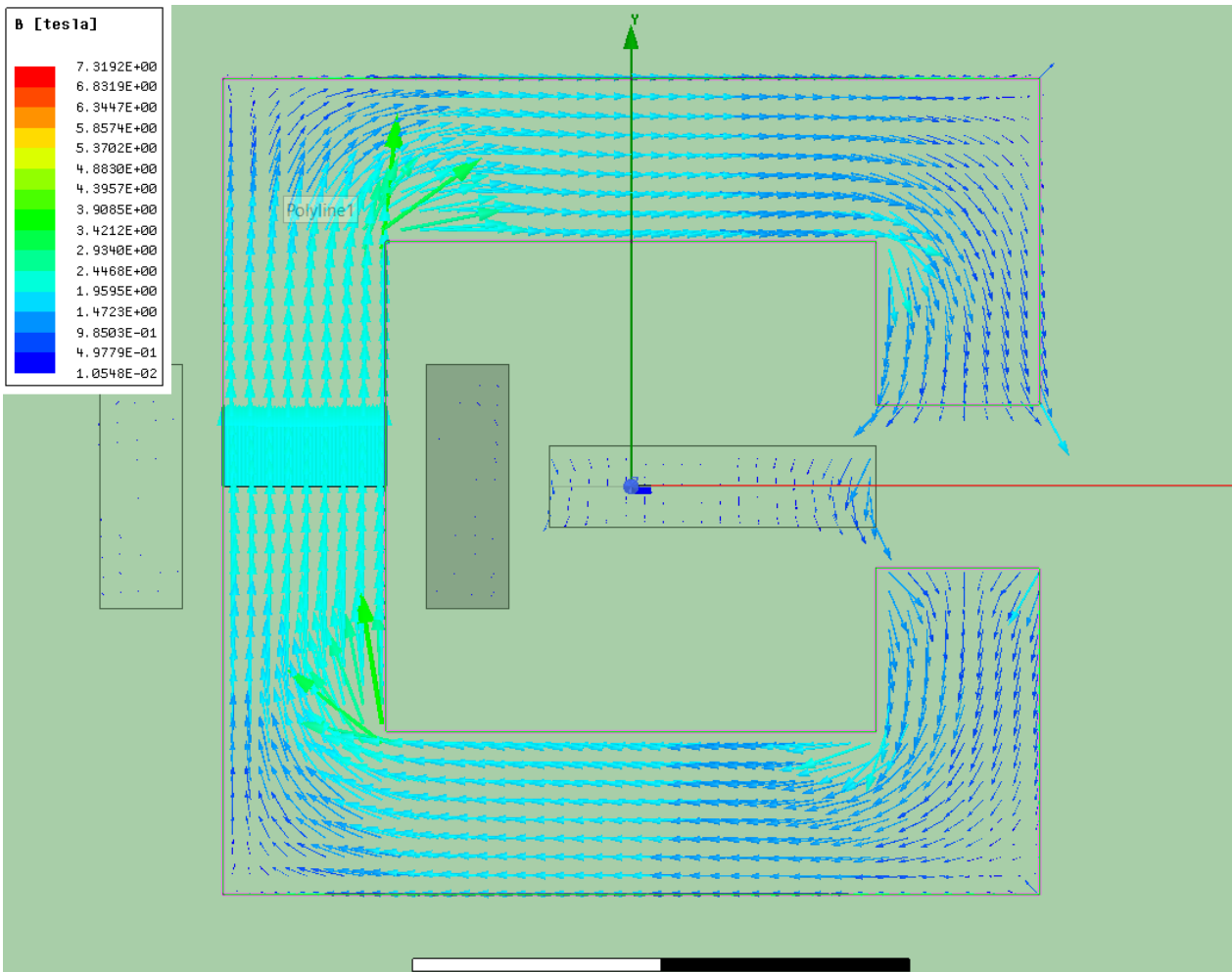
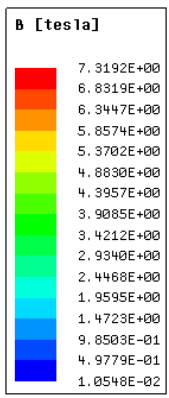
I choose N=100, I=80A.

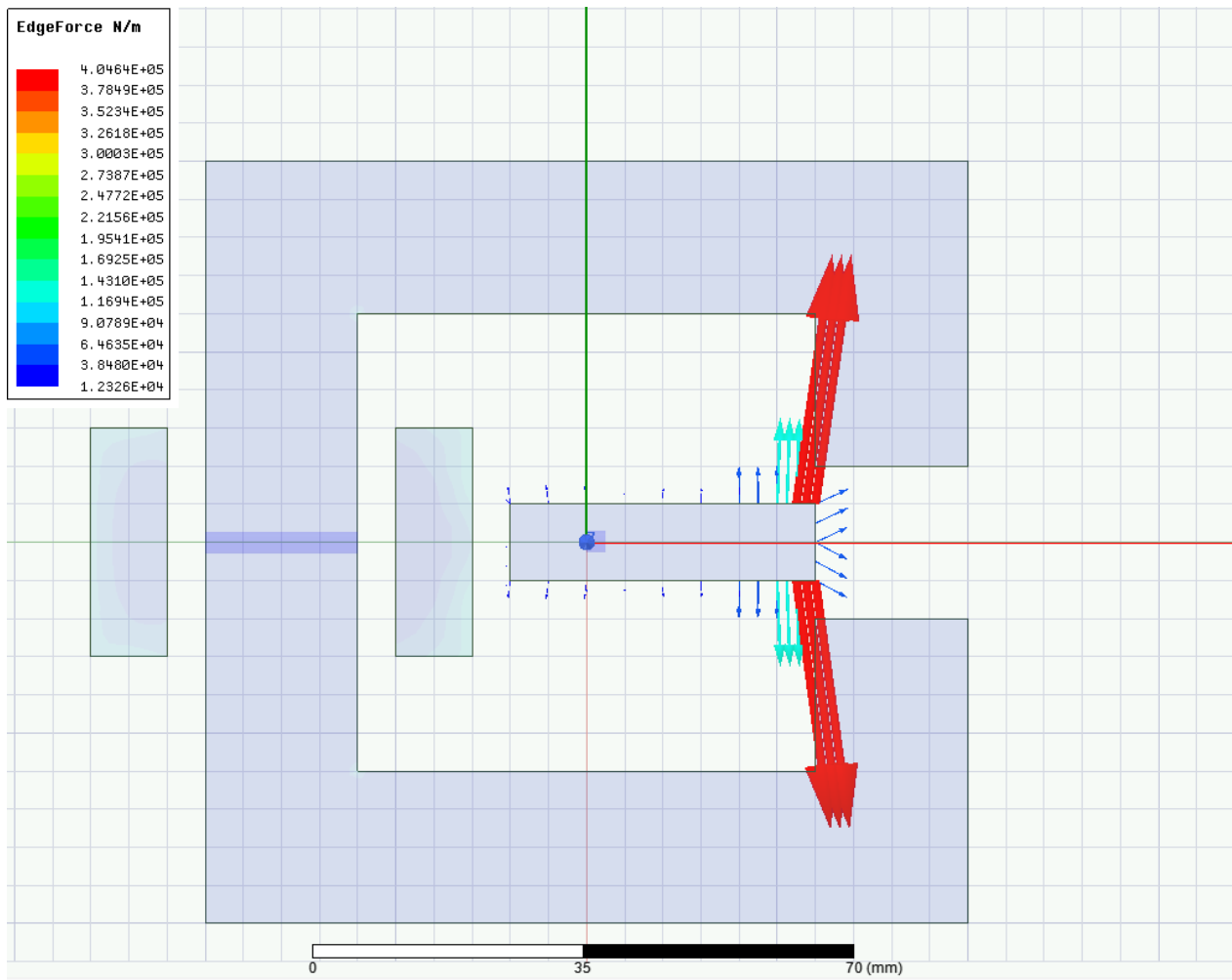


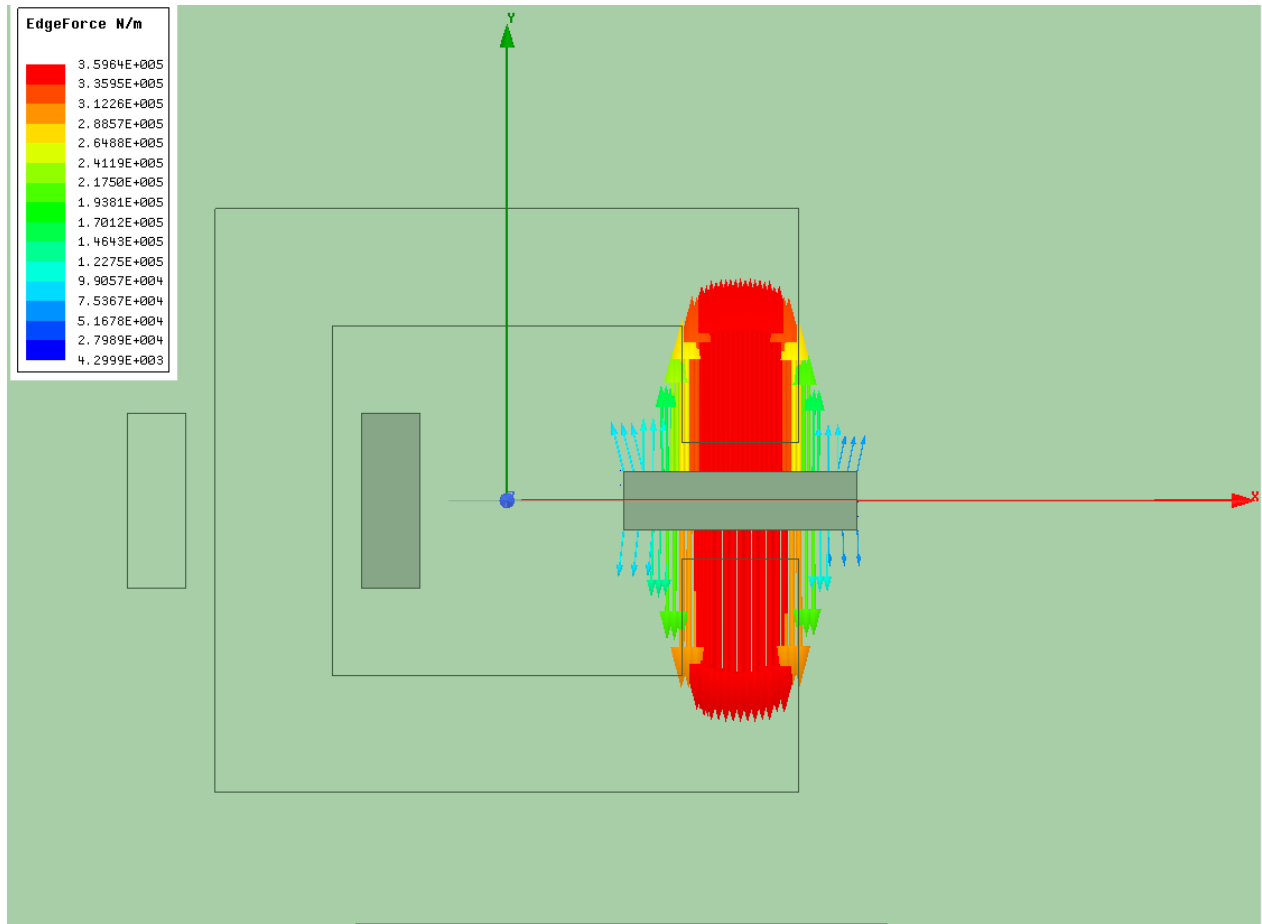


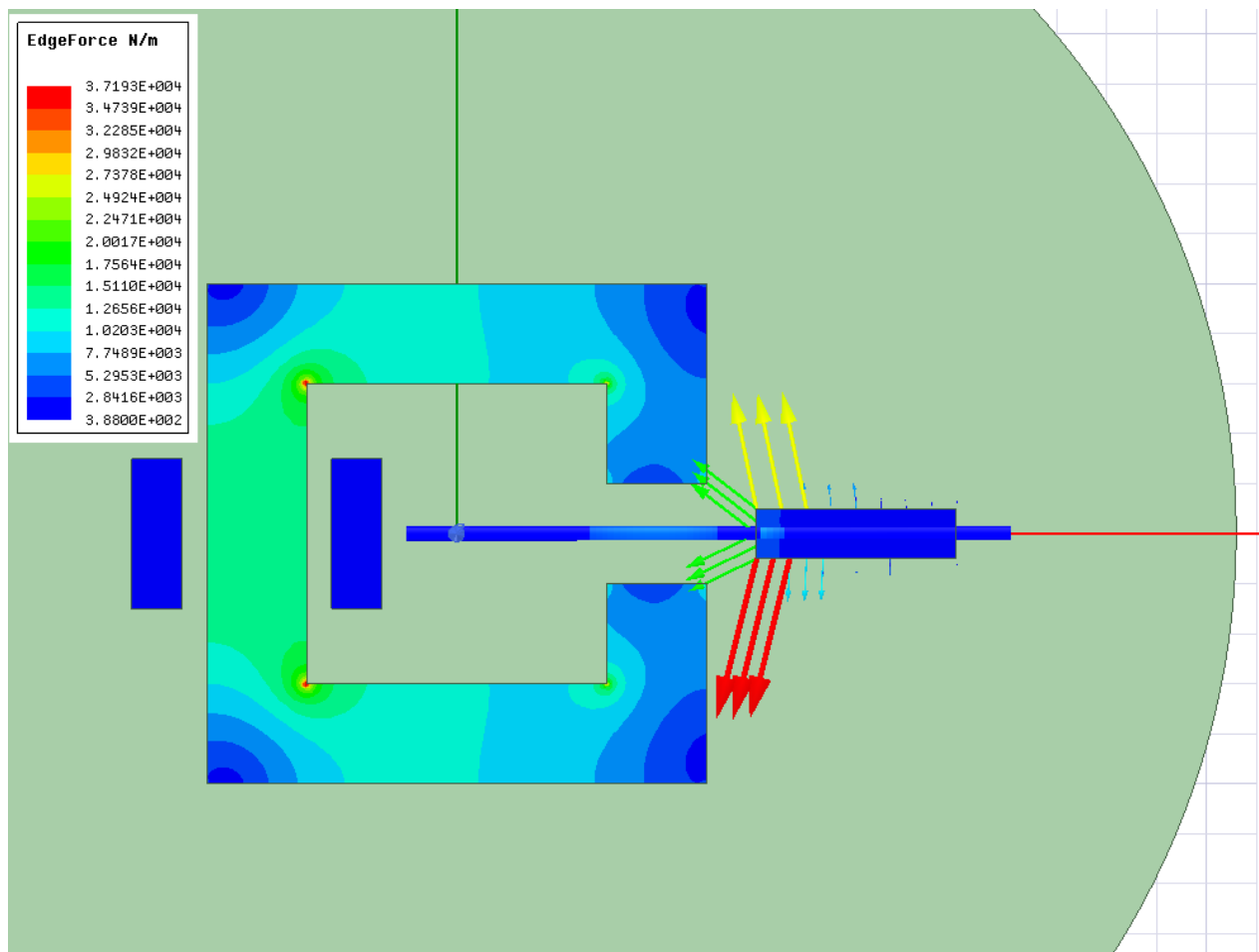












$$E = \int H. dB$$

