



(a) Toroidal distribution of current along midplane circumference of CSC (midway between sources and sinks). The different curves correspond to different aspect ratio. NSTX corresponds to Aspect Ratio (AR) = 1.0, where AR=ratio of midplane circumference of CSC to vertical separation distance between current sources and sinks. The AR was varied by changing the radius of the CSC.

(b) Toroidal peaking factor at midway vs. AR. The top curve corresponds to eliminating the conducting material above/below the sources and sinks.