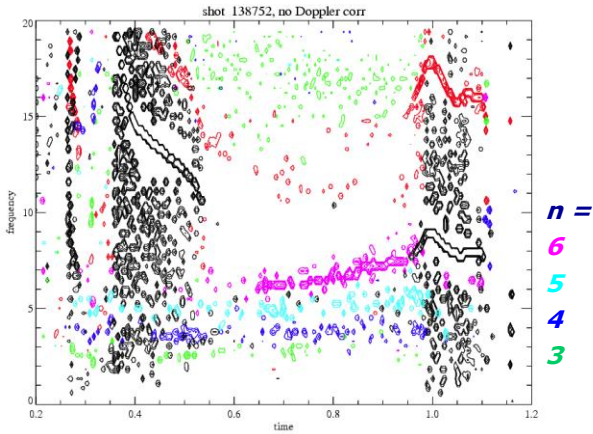
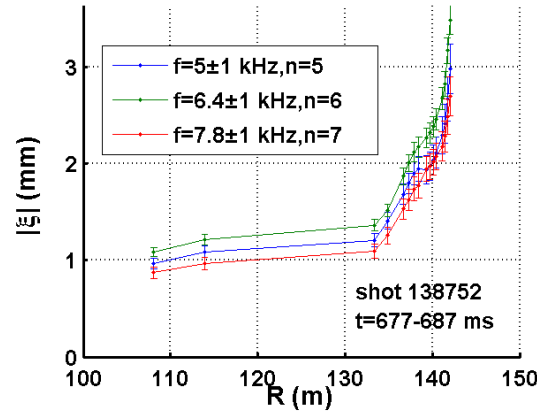


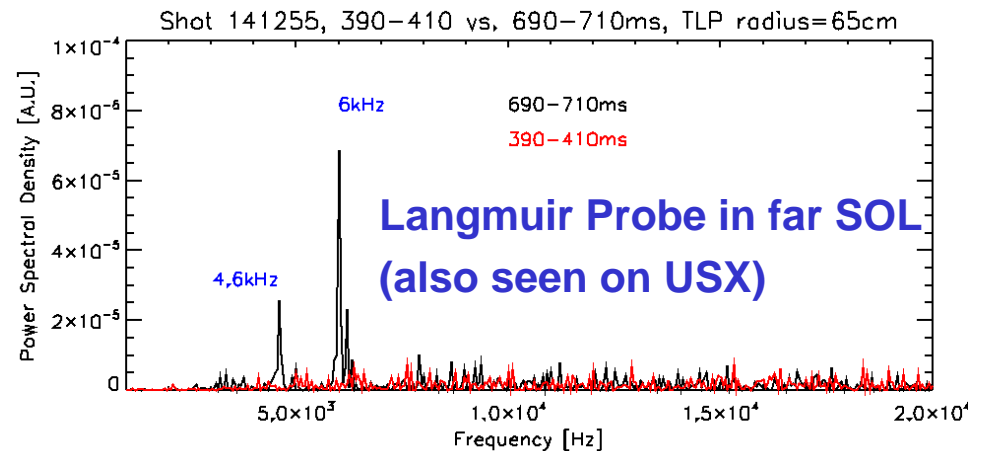
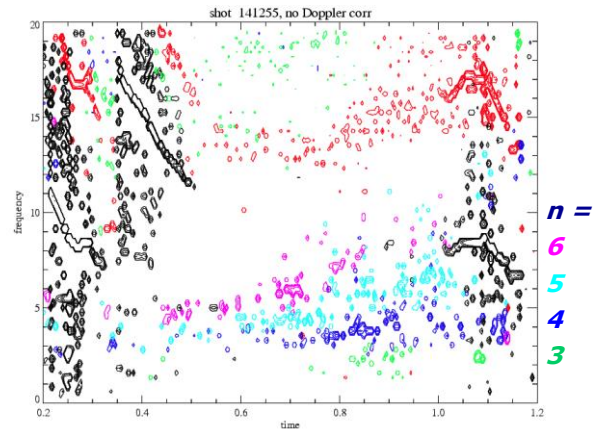
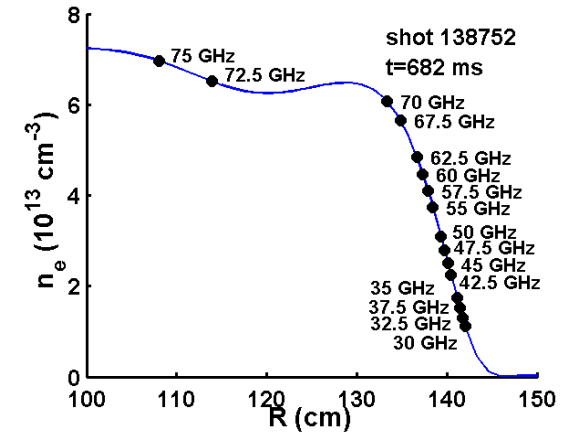
We see EHOs Reproducibly in Lithiated NSTX Discharges with $I_p \sim 800$ kA, $B_T \sim 4.5$ kG, $P_b \sim 4$ MW



Mirnov Coils

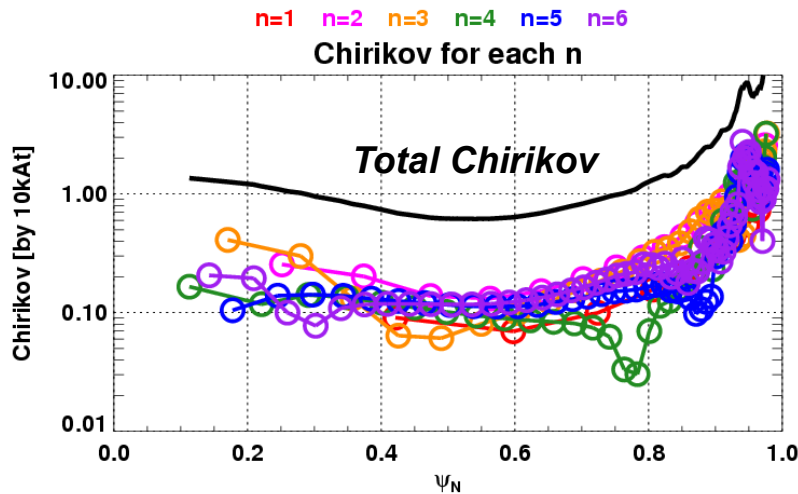


Reflectometer

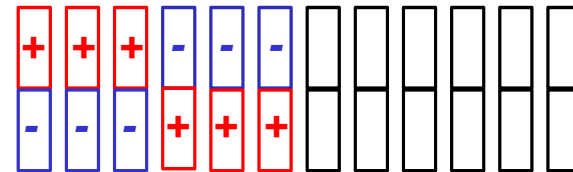


No evidence of density or impurity control.
But Mirnov amplitude \sim tenths of Gauss vs. ~ 3 Gauss for EHOs on DIII-D.

We Can Drive EHOs with Audio Currents in HHFW Antenna



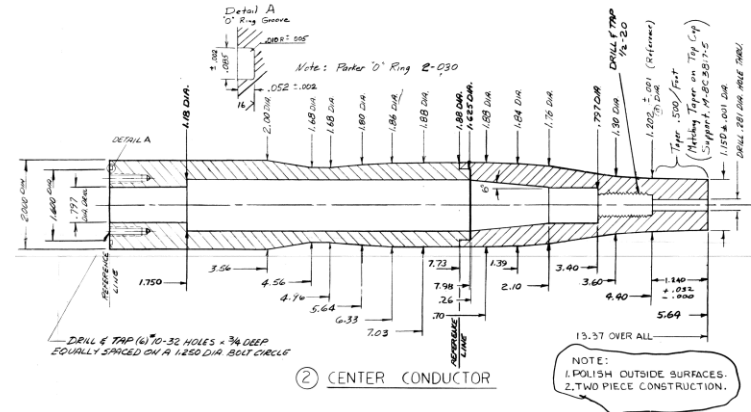
HHFW



Use 1/2 of the HHFW Antenna
Fewer straps \Rightarrow higher currents.

Feedthrus are robust.

Audio-amp system we built for DIII-D.



External, adjustable control of edge density and pressure gradient would be extremely valuable for NSTX-U, ITER and Demo.