Scanning of Strike-point for Langmuir Probe Characterization
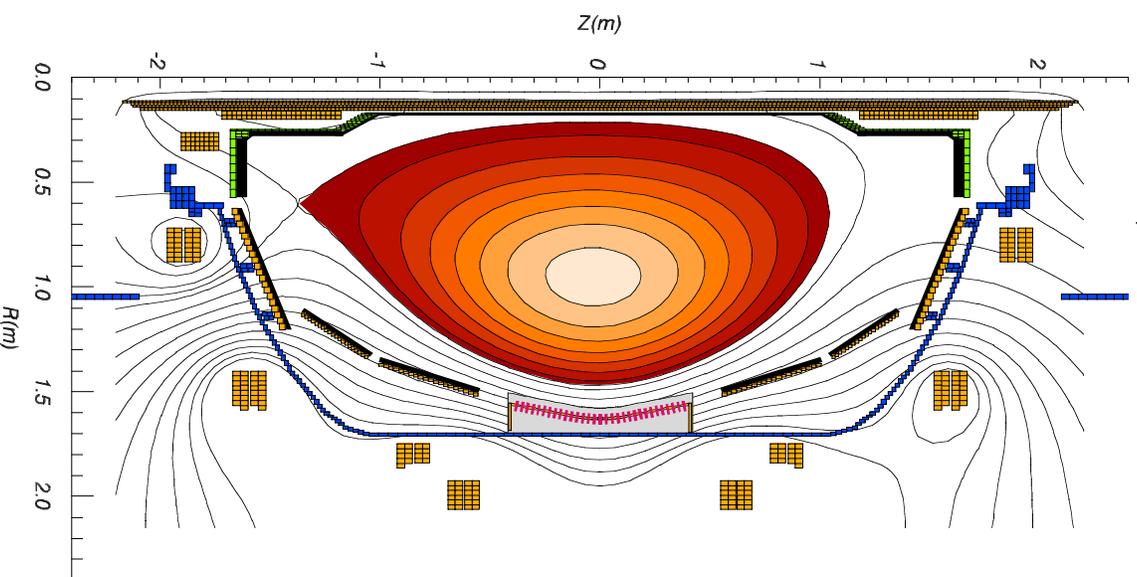
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EFIT equilibrium plots show strike-points

Shot= 105587, time= 250ms

NSTX

Modelers feel the EFIT points are off by ~ 10 cm

Motivation and Technique

- Present lack of agreement between modelers and EFIT

- Want to make Langmuir data more quantitative

- Cross-check of plasma position.

Technique and Runtime

- Machine operators say single large scan in strike-point is difficult

- Must first develop strike-point scanning technique

- Check with as is engineering measurements; correlate with other diagnostics and models

- Run scans

- **Requesting 1/2 day**