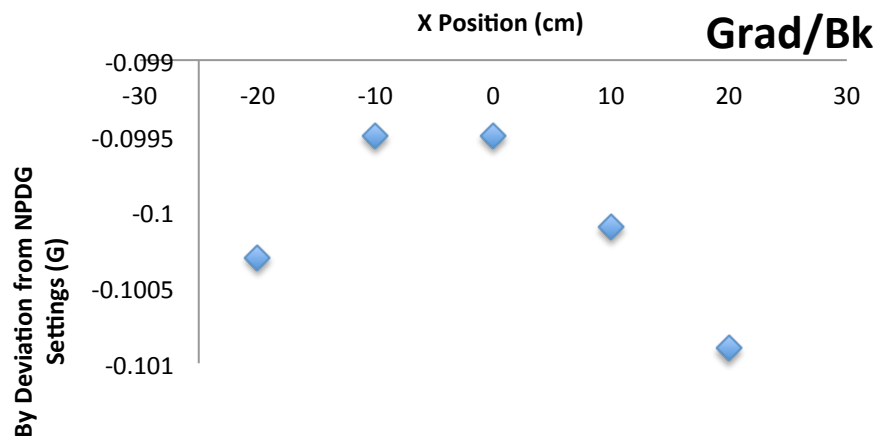
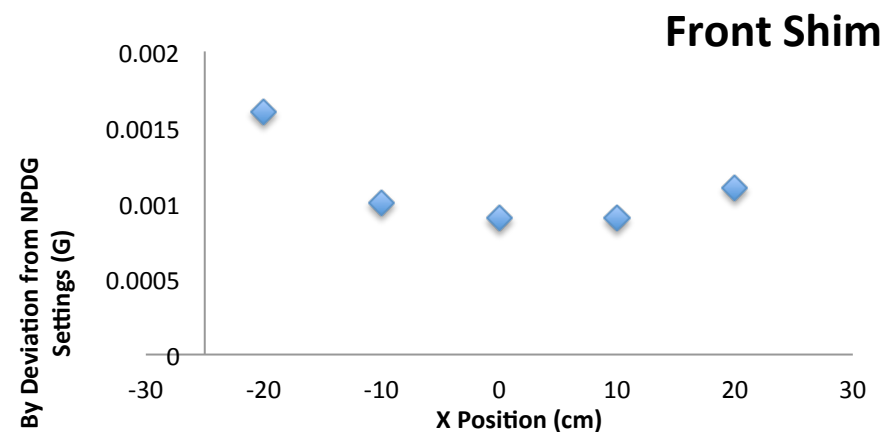
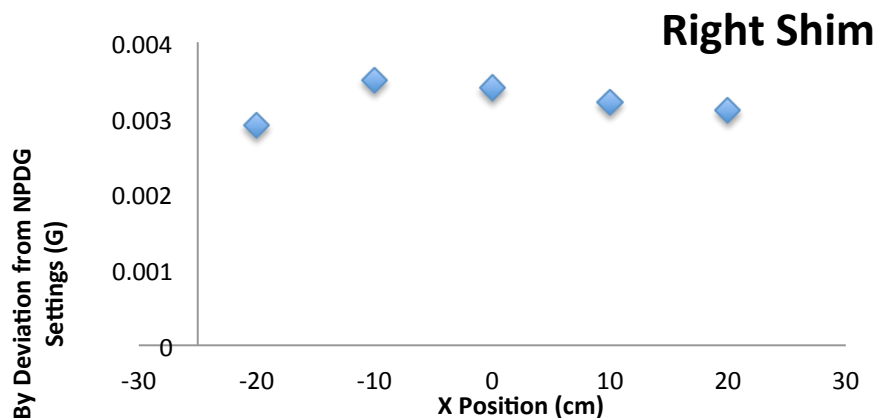
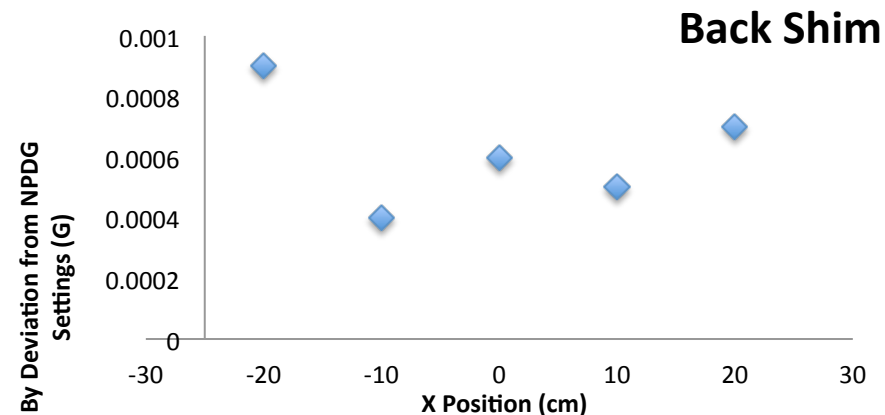
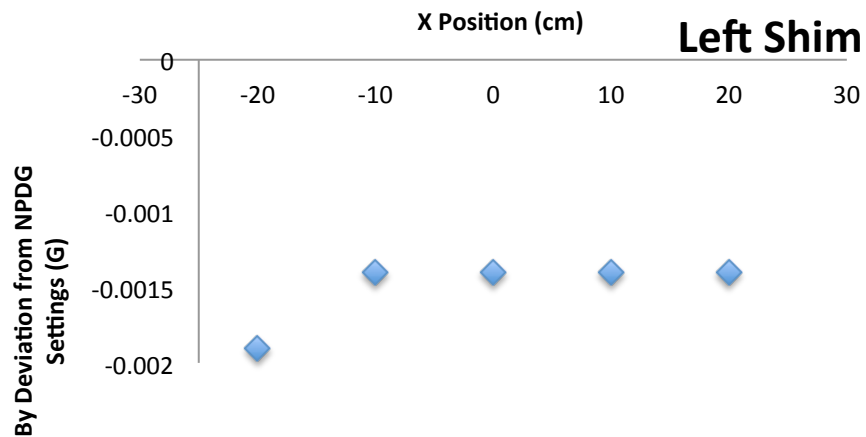


Magnetic Field Measurements Using Vblock:

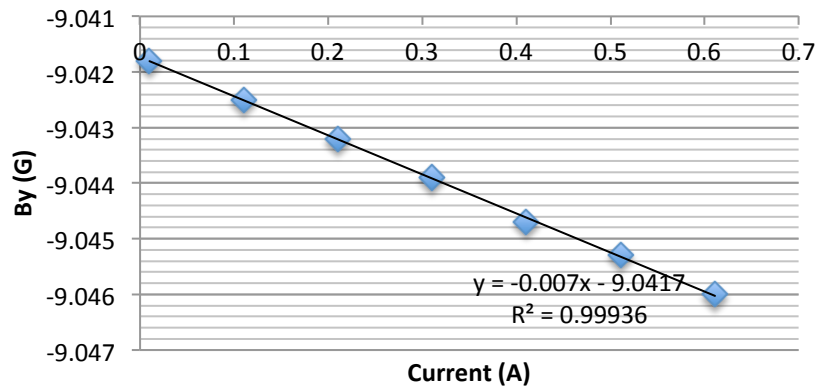
- Data from measurements taken by Kabir, Chris H., Eric, etc. for various orientations of the fluxgate within the Vblock
- Chris Crawford's model takes the fluxgate data and converts it to magnetic field measurements in our experimental coordinate system (B_x , B_y , B_z)
- Results shown here are for B_y measurements with one of the shim coils adjusted at a time:
 - As a function of position in Vblock (slide 2)
 - As a function of current in the shim coil (slide 3)



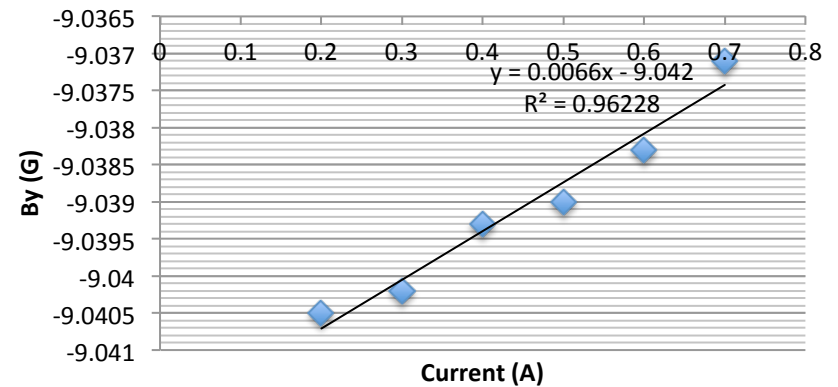
B_y (measured) – B_y (standard NPDG Settings)
as a function of position on Vblock, with one
shim coil changed at a time

B_y (measured) as a function of current in the shim coil that is being changed.

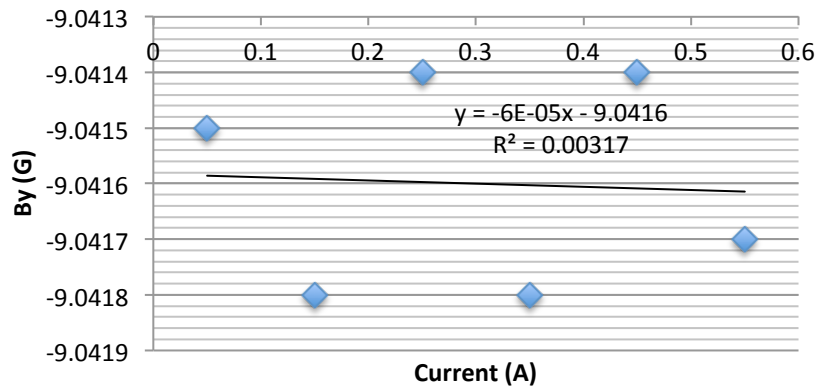
Left Shim



Right Shim



Back Shim



Front Shim

