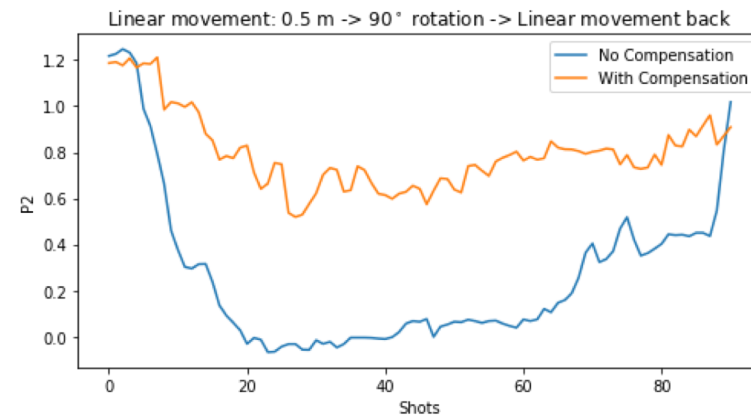
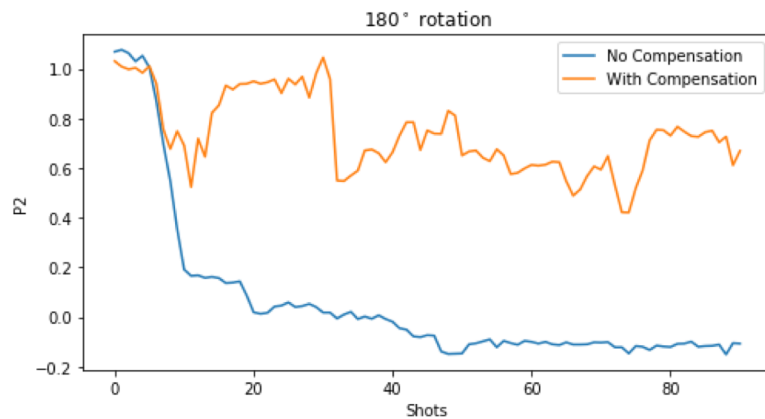


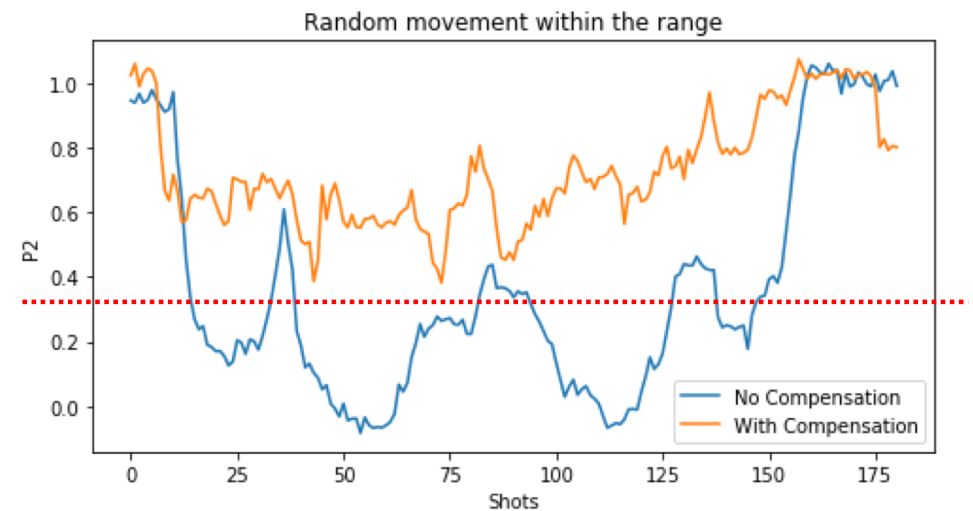
$\Delta B_1 = 6 \text{ mG}$
 $\Delta B_2 = 70 \text{ mG}$
 $\Delta B_3 = 40 \text{ mG}$
 $\Delta B_4 = -40 \text{ mG}$
 $\Delta B_5 = -20 \text{ mG}$
 $\Delta B_6 = -30 \text{ mG}$



$\Delta B_1 = 12 - -90 - 50 \text{ mG}$
 $\Delta B_2 = 50 - -1 - -50 \text{ mG}$
 $\Delta B_3 = 30 - 100 - -10 \text{ mG}$
 $\Delta B_4 = -20 - 50 - -30 \text{ mG}$
 $\Delta B_5 = -10 - 30 - -15 \text{ mG}$
 $\Delta B_6 = -10 - -90 - 40 \text{ mG}$



$\Delta B_1 = -100 \text{ mG}$
 $\Delta B_2 = -50 \text{ mG}$
 $\Delta B_3 = 80 \text{ mG}$
 $\Delta B_4 = 100 \text{ mG}$
 $\Delta B_5 = 0 \text{ mG}$
 $\Delta B_6 = -80 \text{ mG}$



Raman Pulse: 10us → 50 kHz in frequency (one-sided)

With 1.4MHz/G zeeman shift, 50% drop in P2 = 35 mG

→ Varying gradient ?

→ Good shim coils necessary

→ Sensor accuracy/noise?

→ Longer averaging?