

$$\kappa_0^{Rb} = 6.39 + 0.00914[T - 200(^{\circ}C)] \quad (1a)$$

$$\kappa_0^K = 5.99 + 0.0086[T - 200(^{\circ}C)] \quad (1b)$$

$$\kappa_0^{Na} = 4.84 + 0.00914[T - 200(^{\circ}C)] \quad (1c)$$

$$s(t) = \left. \frac{\partial I}{\partial f} \right|_{f=f_c(t)} D_f \sin(2\pi f_m t + \phi_m) \quad (2)$$

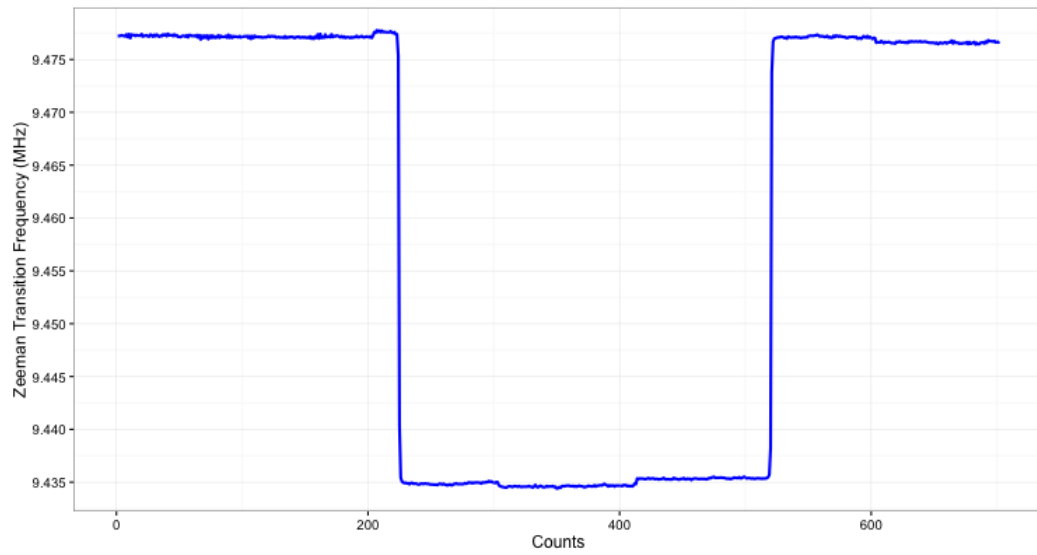
$$\Delta B \ll B$$

## 0.1 section

### 0.1.1 sub

#### 0.1.1.1 sub1

#### 0.1.1.2 sub2



**Figure 1: An EPR measurement for a hybrid cell at 235°C.**

The spins are flipped around 200 mark, and flipped back around 500 mark.

*et al.*  ${}^{\circ}\!_{50} 5\text{P}_{\frac{3}{2}} \rightarrow$

# Bibliography

- [1] High-performance nuclear-polarized  $^3\text{He}$  targets for electron scattering based on spin-exchange optical pumping. *PhD thesis, University of Virginia*, 2010.