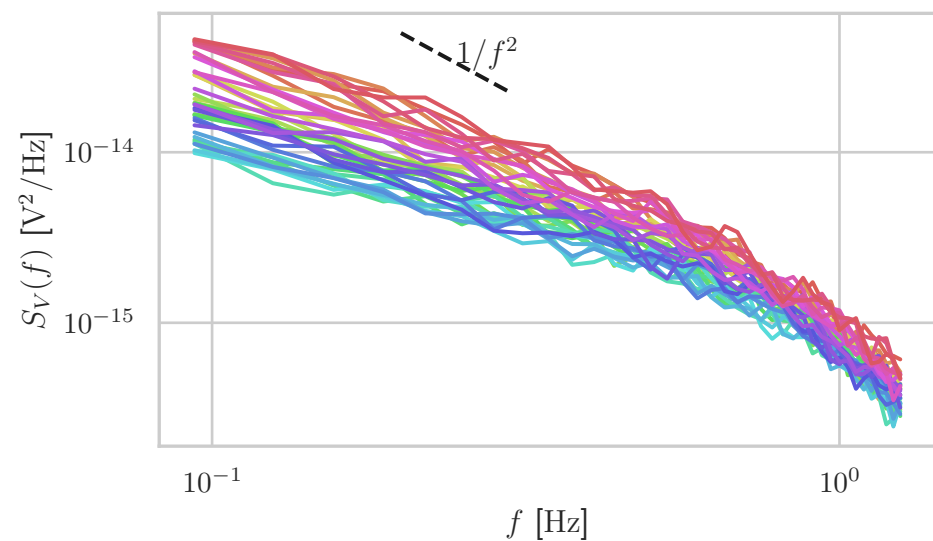
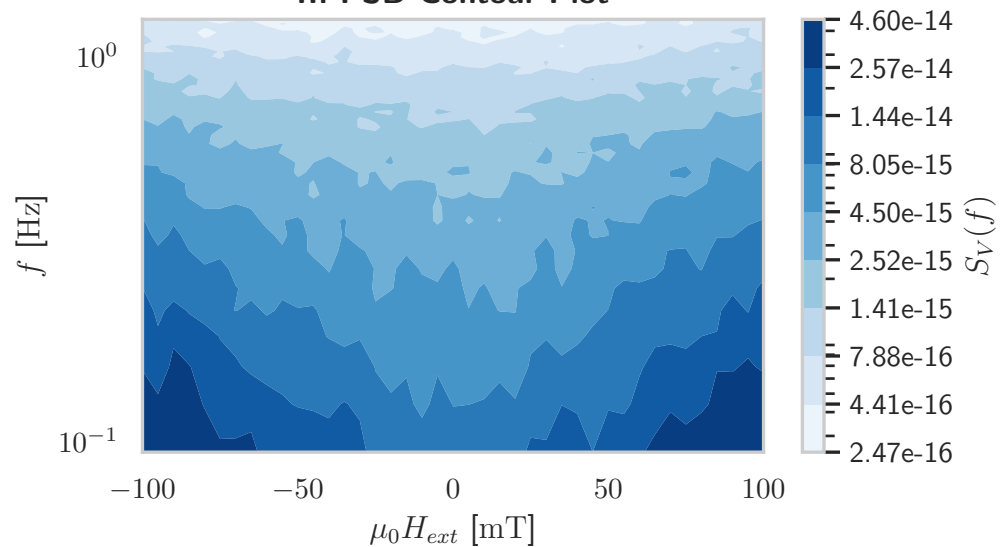
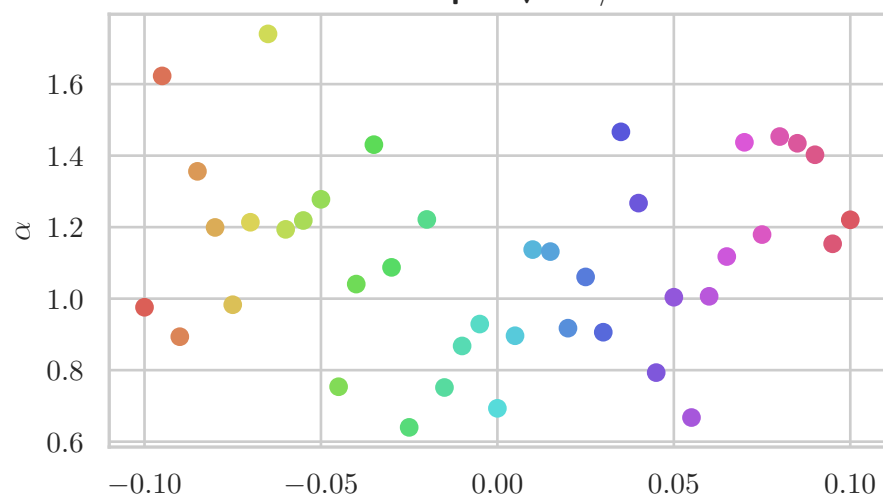
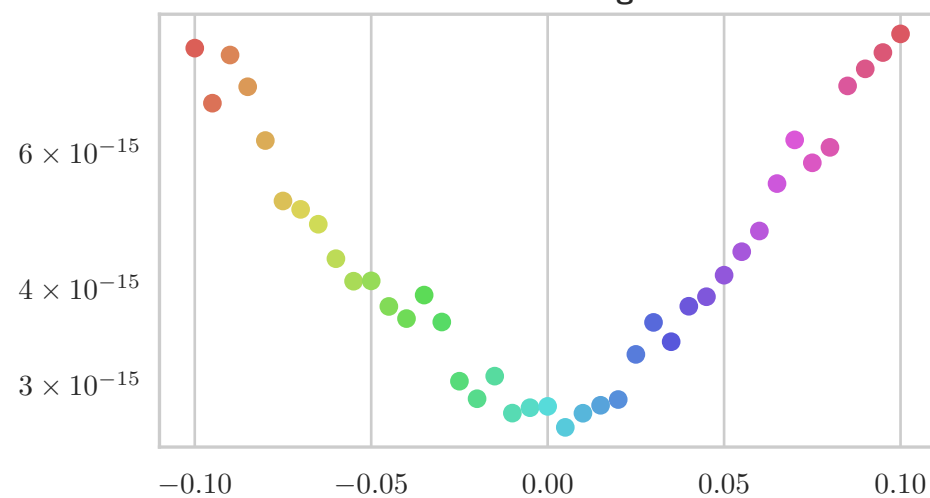
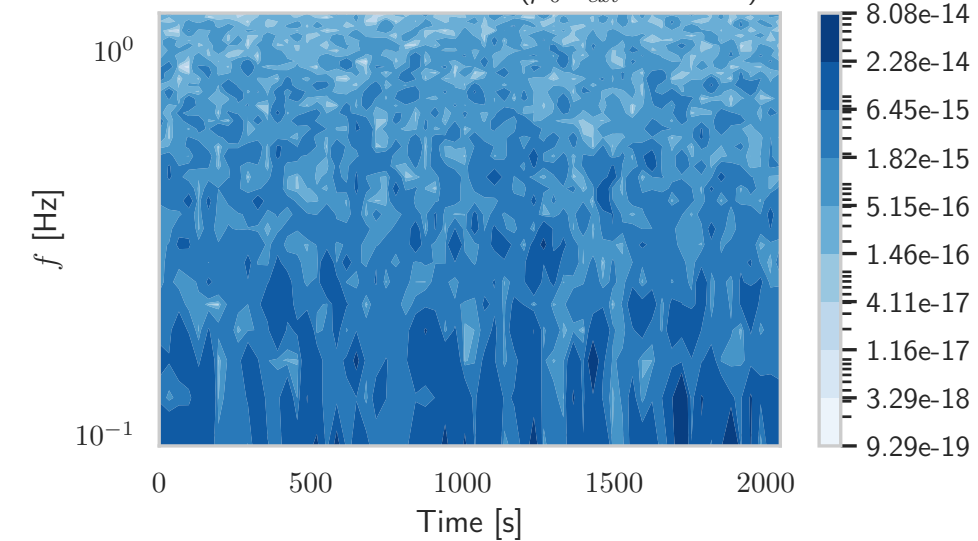


**I. PSD****II. PSD Contour Plot****III. Slope  $S_V \sim 1/f^\alpha$** **IV. PSD Integral****V. Time-resolved PSD ( $\mu_0 H_{ext} = 15$  mT)****VI. Hysteresis Loop**