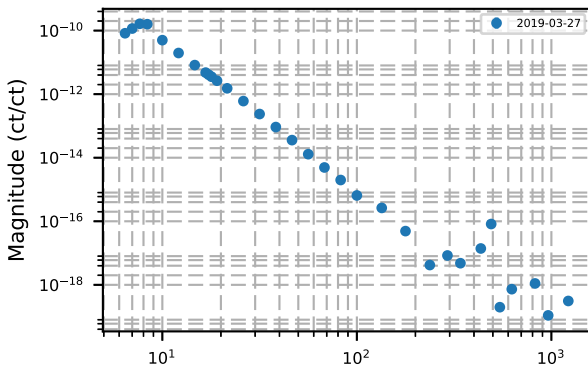
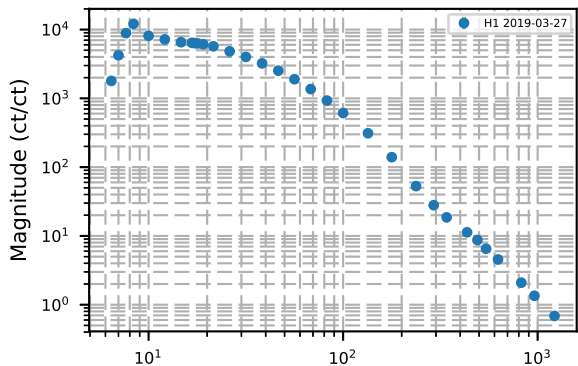
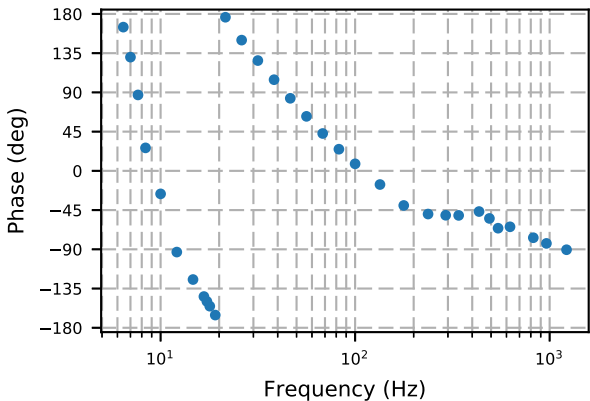


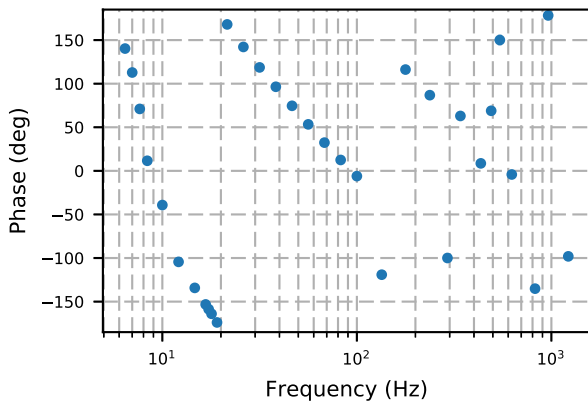
2019-03-27 H1 UIM Actuation Function: Raw Imported Data



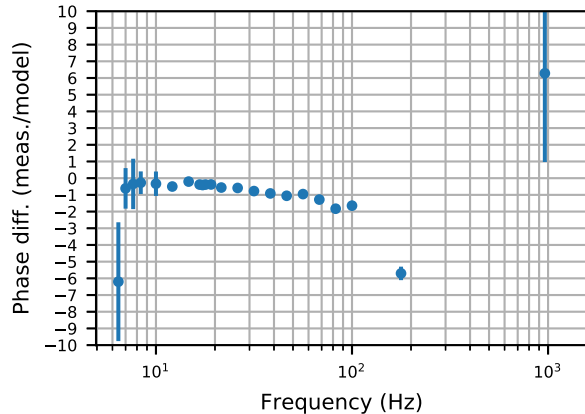
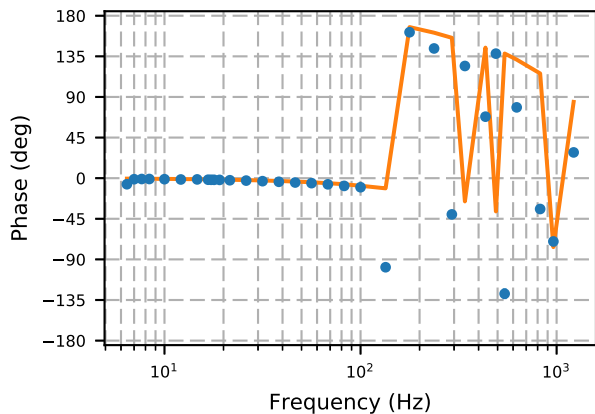
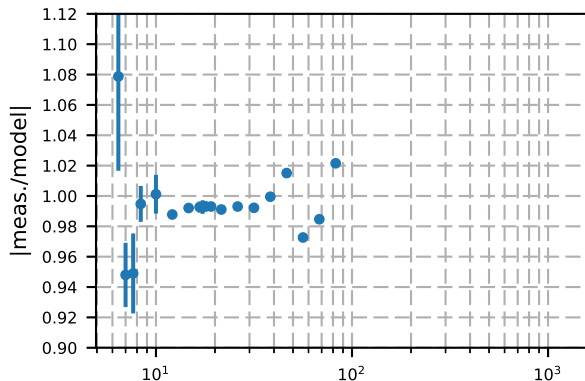
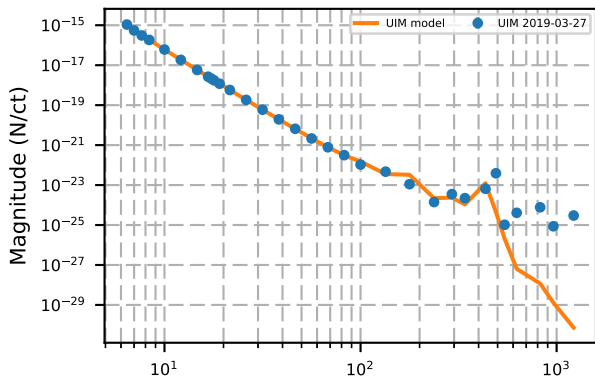
\wedge DARM IN1 / PCALY v



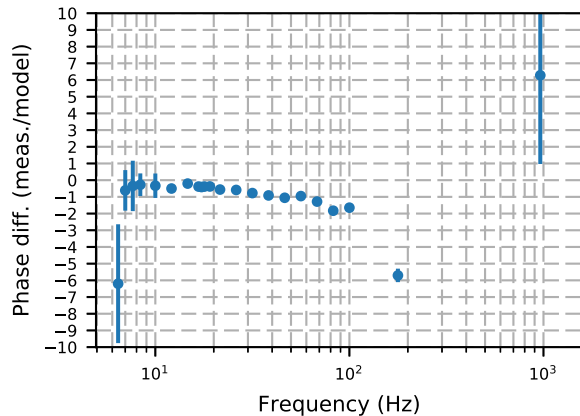
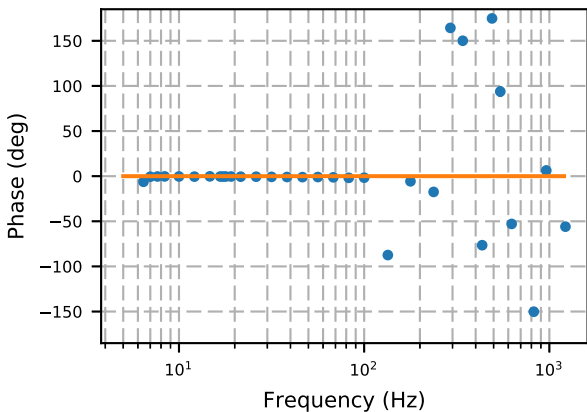
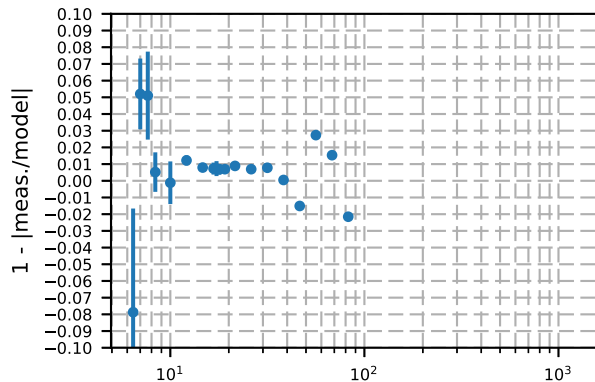
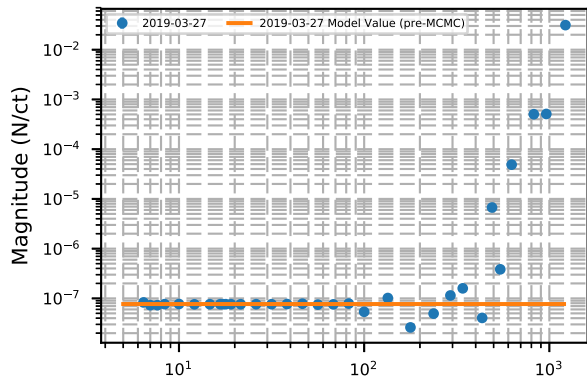
\wedge DARM IN1 / UIM CALexc v



2019-03-27 H1 UIM Actuation Function: (PCAL/iStage SUS EXC) vs. Model

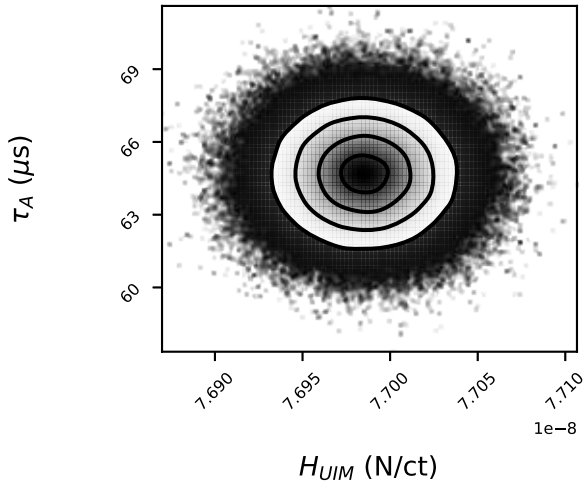
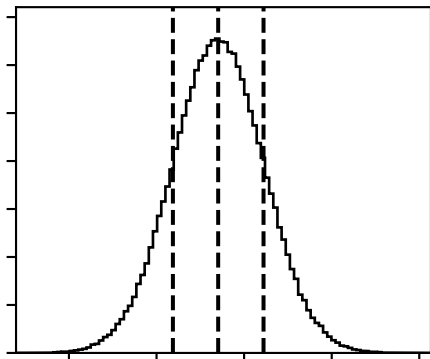


2019-03-27 H1 UIM Actuation Function: Meas/Model Residual (Input to MCMC)

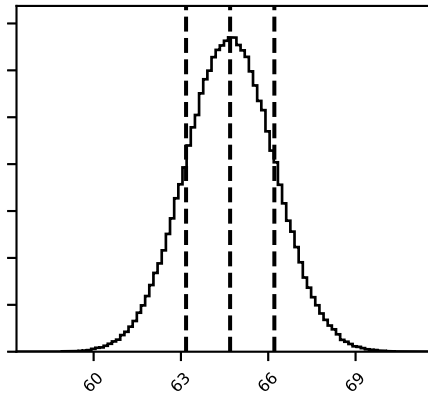


2019-03-27 H1 UIM Actuation Function: MCMC Corner Plot

$$H_{UIM} \text{ (N/ct)} = 7.7e-08^{+2.59e-11}_{-2.58e-11}$$



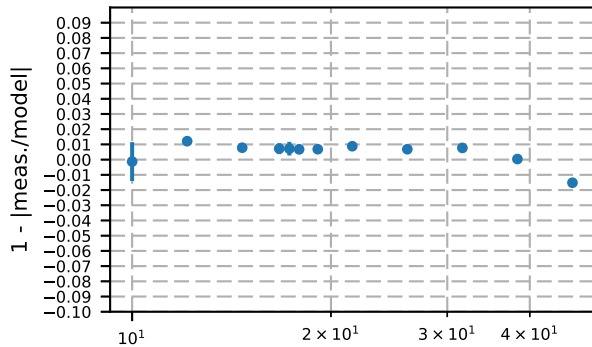
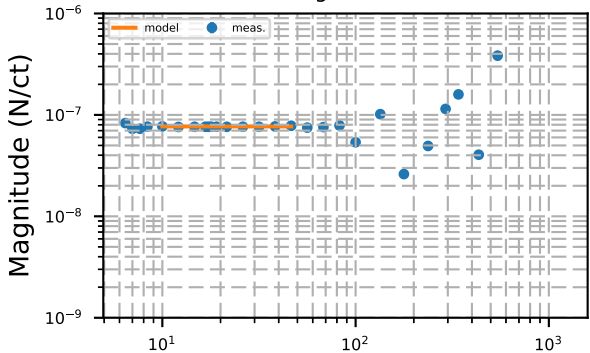
$$\tau_A \text{ (}\mu\text{s)} = 64.7^{+1.52}_{-1.51}$$



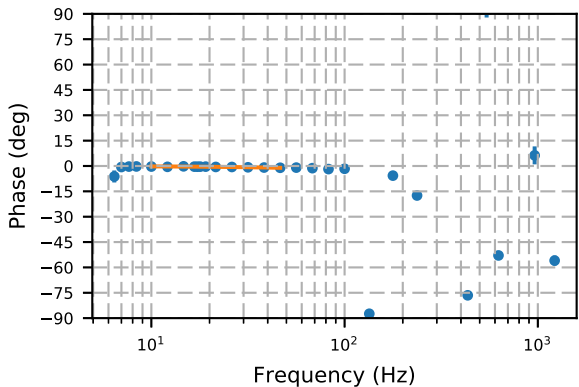
τ_A (μs)

2019-03-27 H1 UIM Actuation Function: MCMC Fit vs. Meas. Residual Input

Fit Range: 10-50 Hz



$$H_{UIM} = 7.7e - 08^{+2.6e-11}_{-2.6e-11} \text{ (N/ct)}$$



$$\tau_A = 64.7^{+1.5}_{-1.5} \text{ (\mu s)}$$

