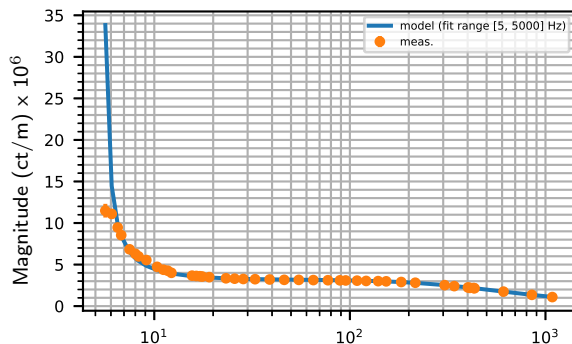
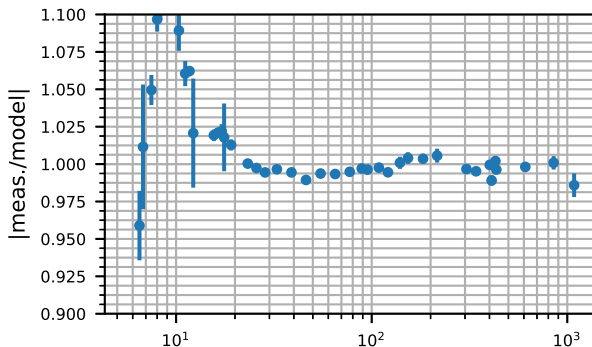


H1 sensing function measurement: 2019-07-17

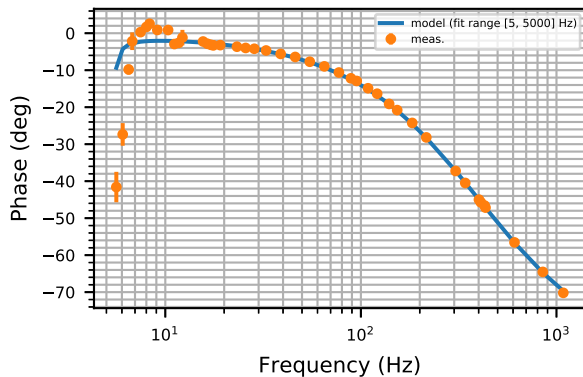
$$H_C = 3.175e+06_{-1.1e+03}^{+1.13e+03} \text{ (ct/m)}$$



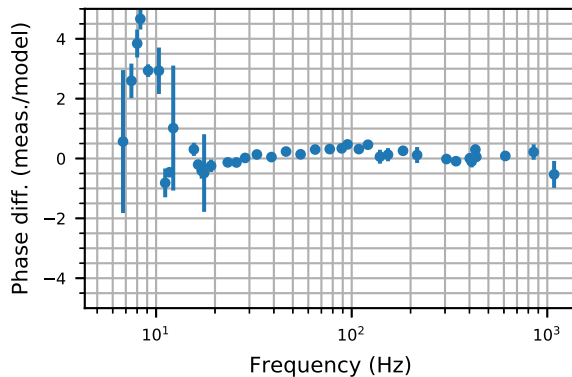
$$f_{cc} = 401.7_{-0.67}^{+0.683} \text{ Hz}, \tau_C = -1.36_{-0.431}^{+0.44} \mu\text{s}$$



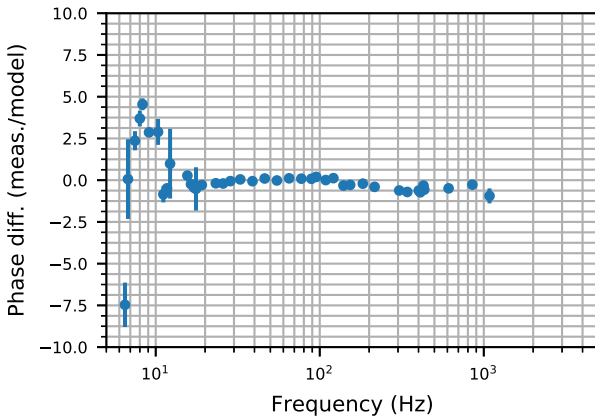
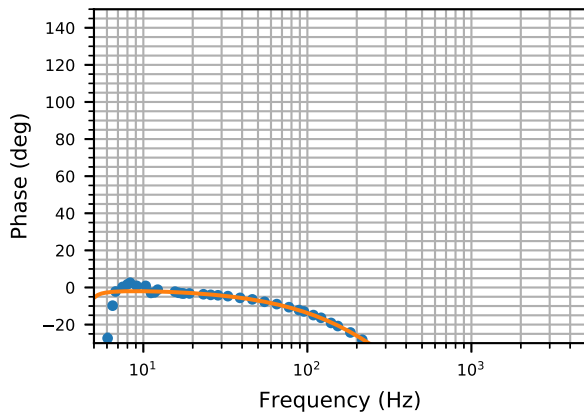
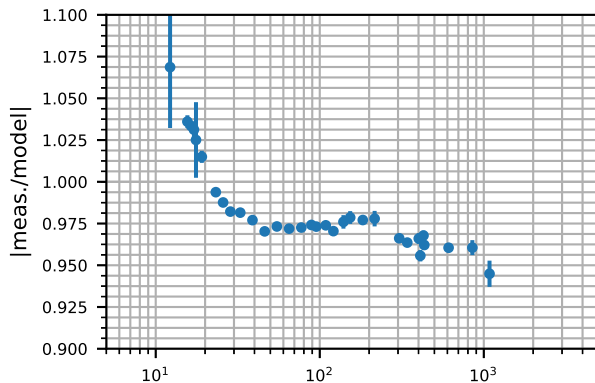
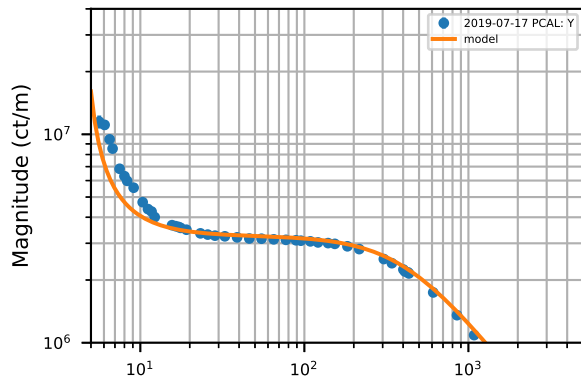
$$H_C = 4.239_{-0.00147}^{+0.00151} \text{ (mA/pm)}$$



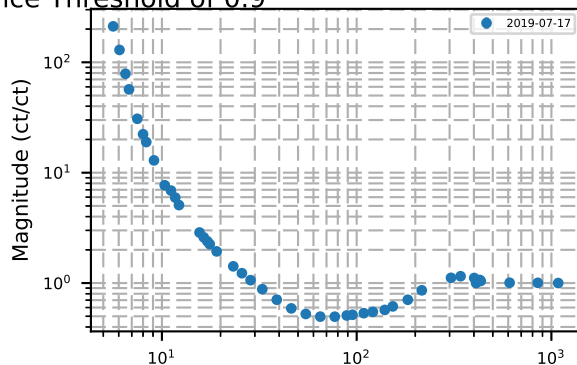
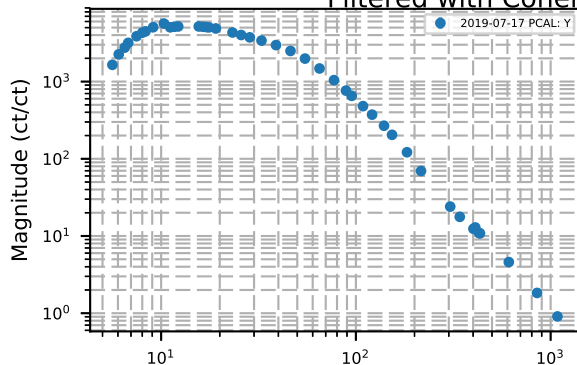
$$f_s = i5.352_{-0.00438}^{+0.00424} \text{ Hz}, Q_s = 68.27_{-614}^{+614}$$



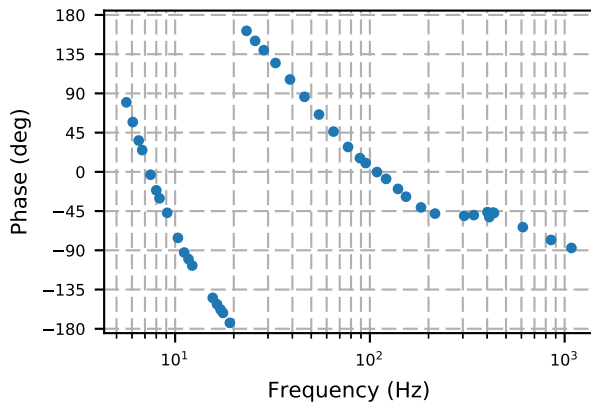
H1 Reference Sensing Model Used: $H_C = 3.25\text{e}+06$ ct/m, $f_{cc} = 4.11\text{e}+02$ Hz, $f_s = 4.47$ Hz, $Q=52.1$



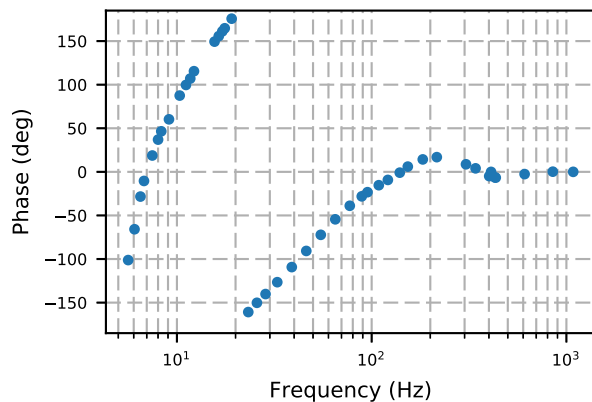
2019-07-17 H1 Sensing Function: Raw Imported Data Filtered with Coherence Threshold of 0.9



$$\wedge \text{ DARM IN1 / PCALY} = \text{pcalFlaws} * C / (1 + C A D) v$$



$$\wedge \text{ DARM EXC / DARM IN2} = (1 + C A D) v$$



MCMC Fit Results to Time-Dependent Sensing Function Params

H1 O3, 2019-03-28 to 2019-07-17

