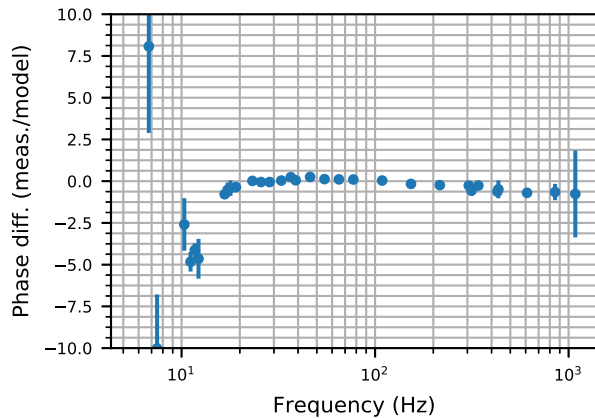
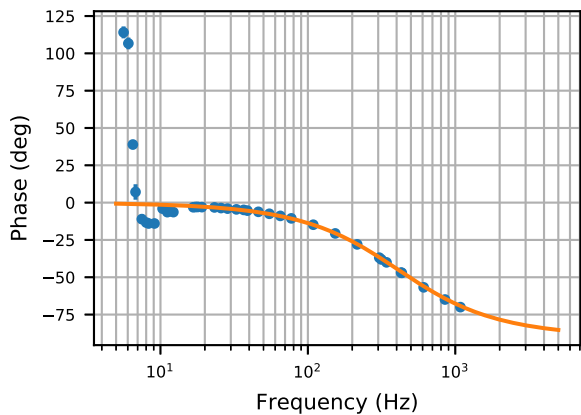
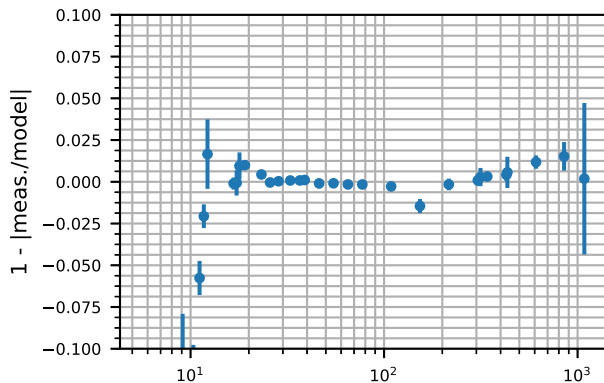
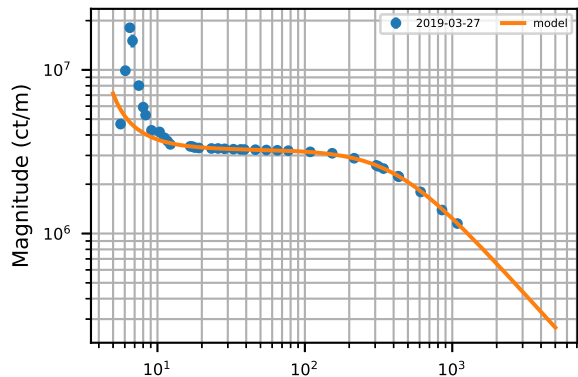
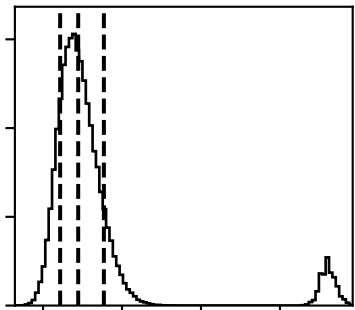


H1 Reference Sensing Model Used: $H_C = 3.25e+06$ ct/m, $f_{cc} = 4.11e+02$ Hz, $f_s = 3.75j$ Hz, $Q=46.6$

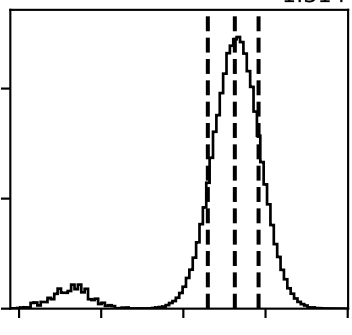
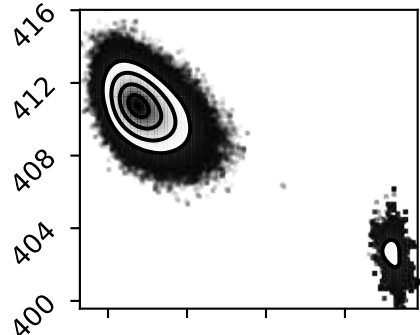


2019-03-27 H1 Sensing Function: MCMC Corner Plot

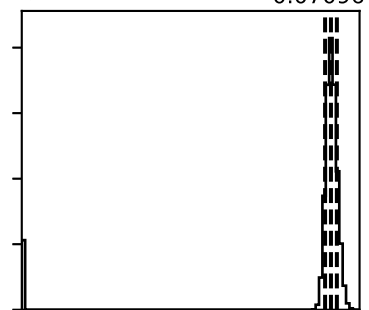
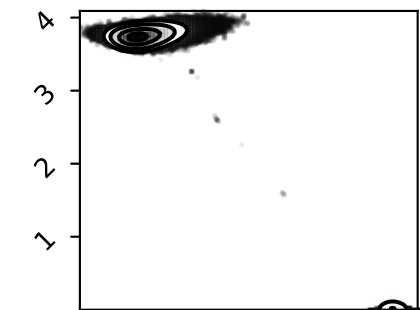
$$H_C \text{ (ct/m)} = 3.254e + 06^{+3253}_{-2286}$$



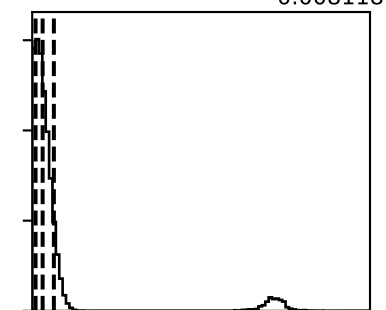
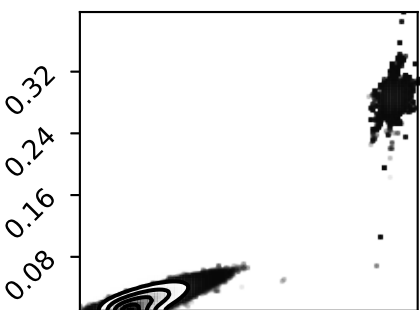
$$f_{cc} \text{ (Hz)} = 410.5^{+1.156}_{-1.314}$$



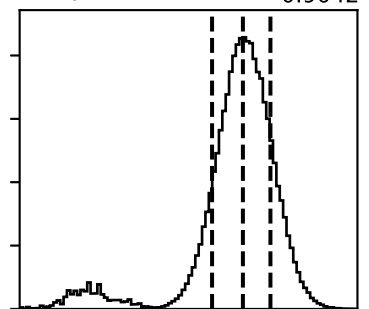
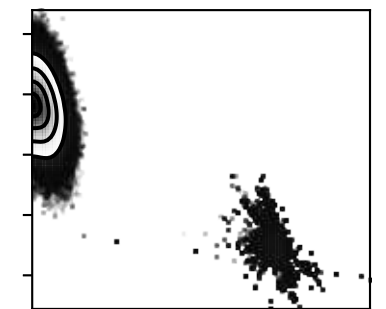
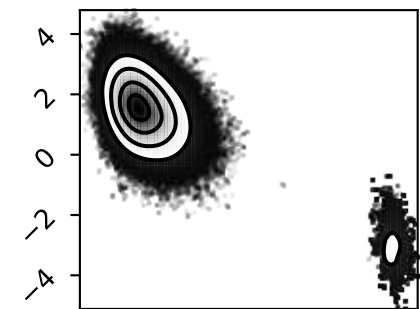
$$f_s \text{ (Hz)} = 3.744^{+0.0717}_{-0.07096}$$



$$Q^{-1} = 0.02194^{+0.01289}_{-0.008118}$$



$$\tau_C \text{ (\mu s)} = 1.434^{+0.8076}_{-0.9042}$$



3250000
3260000
3270000
3280000
 H_C (ct/m)

400 404 408 412 416
 f_{cc} (Hz)

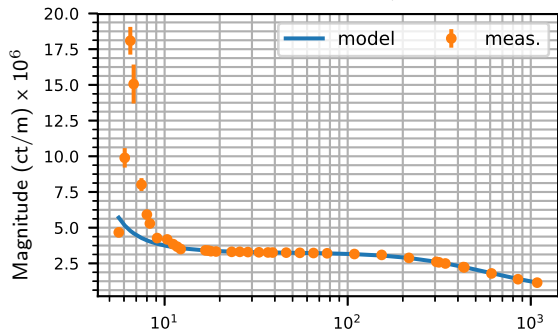
1 2 3 4
 f_s (Hz)

0.08 0.16 0.24 0.32
 Q^{-1}

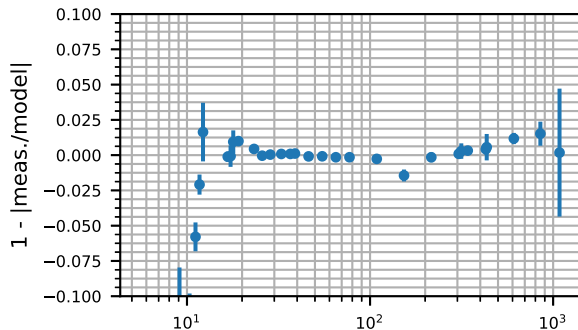
-4 -2 0 2 4
 τ_C (μ s)

H1 sensing function measurement: 2019-03-27

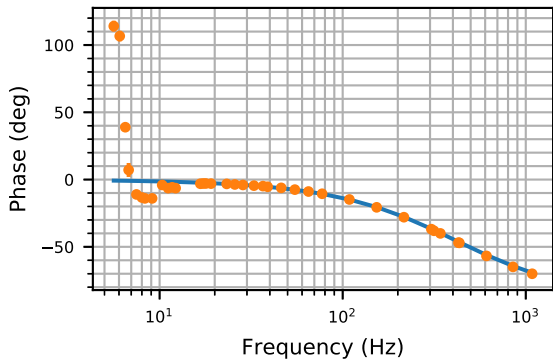
$$H_C = 3.254e+06_{-2.29e+03}^{+3.25e+03} \text{ (ct/m)}$$



$$f_{cc} = 410.5_{-1.31}^{+1.16} \text{ Hz}, \tau_C = 1.43_{-0.904}^{+0.808} \mu\text{s}$$



$$H_C = 4.345_{-0.00305}^{+0.00434} \text{ (mA/pm)}$$



$$f_s = i3.744_{-0.071}^{+0.0717} \text{ Hz}, Q_s = 45.57_{-123}^{+123}$$

