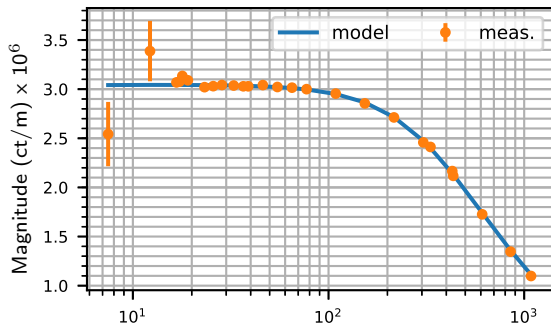
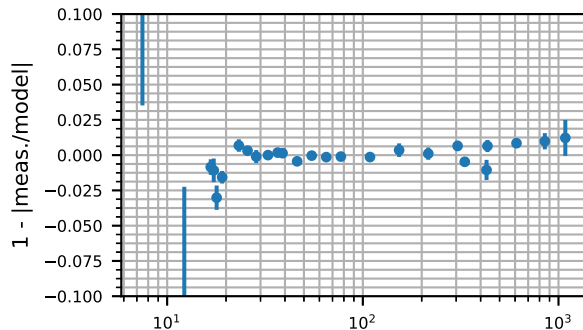


H1 sensing function measurement: 2019-01-18

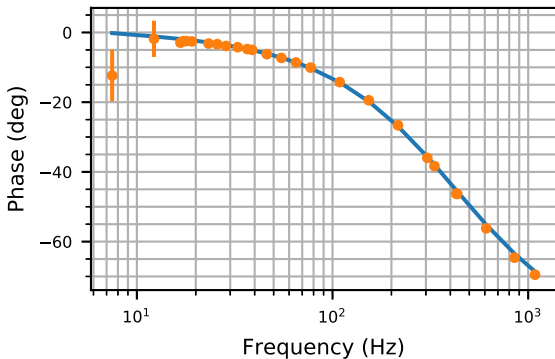
$$H_C = 3.046e+06^{+1.43e+03}_{-1.39e+03} \text{ (ct/m)}$$



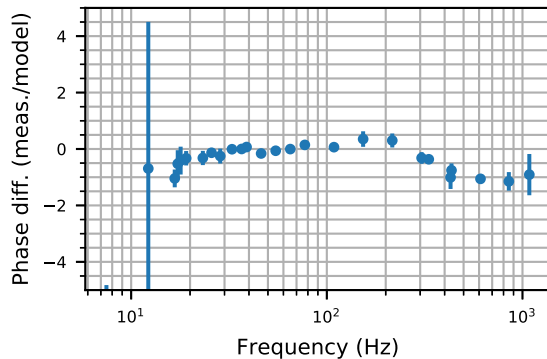
$$f_{cc} = 424.9^{+1.06}_{-1.04} \text{ Hz}, \tau_C = 3.29^{+0.594}_{-0.586} \mu\text{s}$$



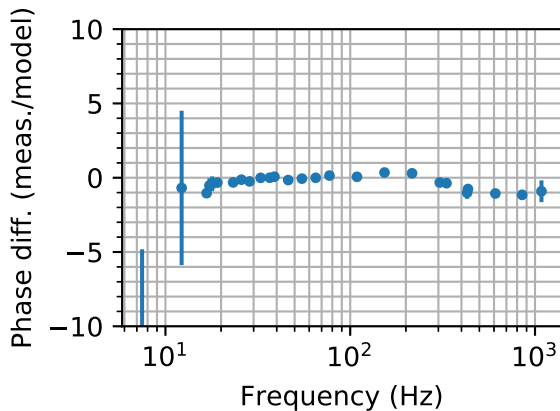
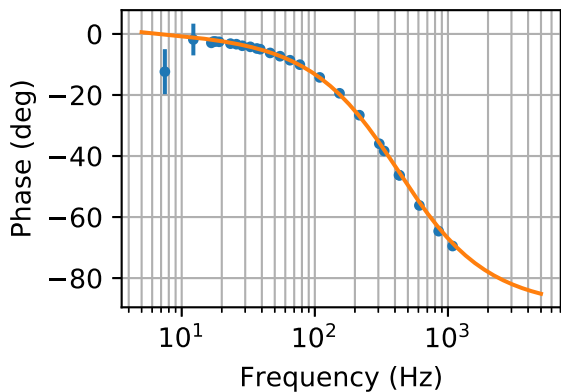
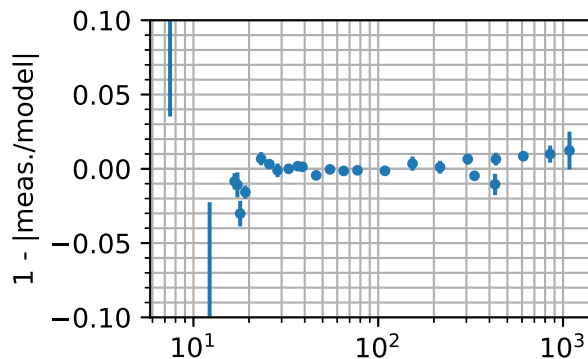
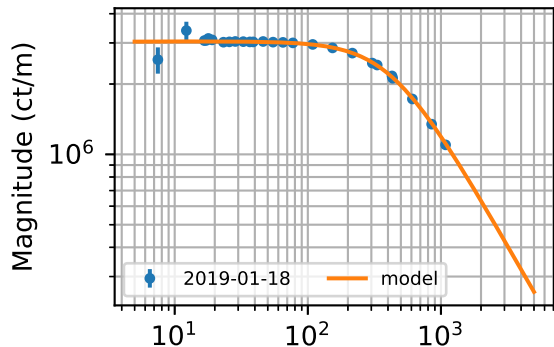
$$H_C = 3.77^{+0.00177}_{-0.00173} \text{ (mA/pm)}$$



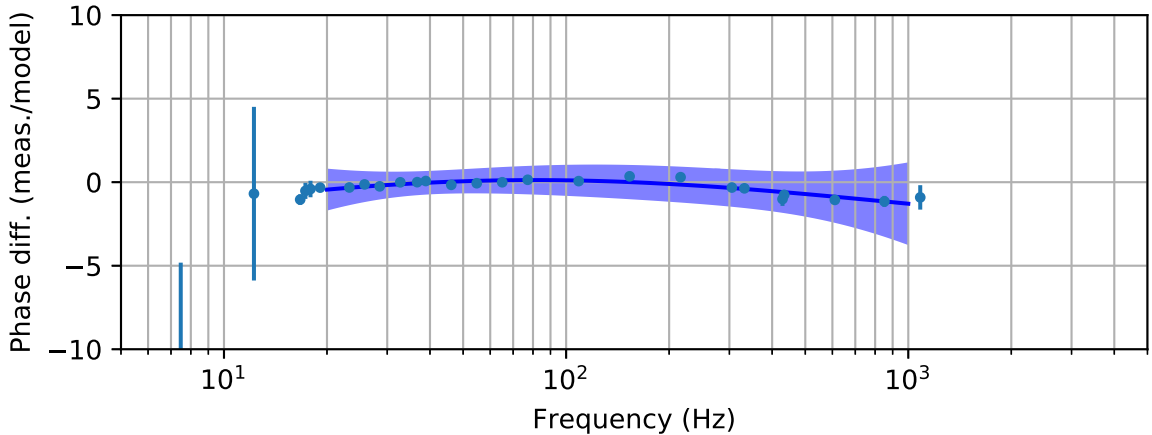
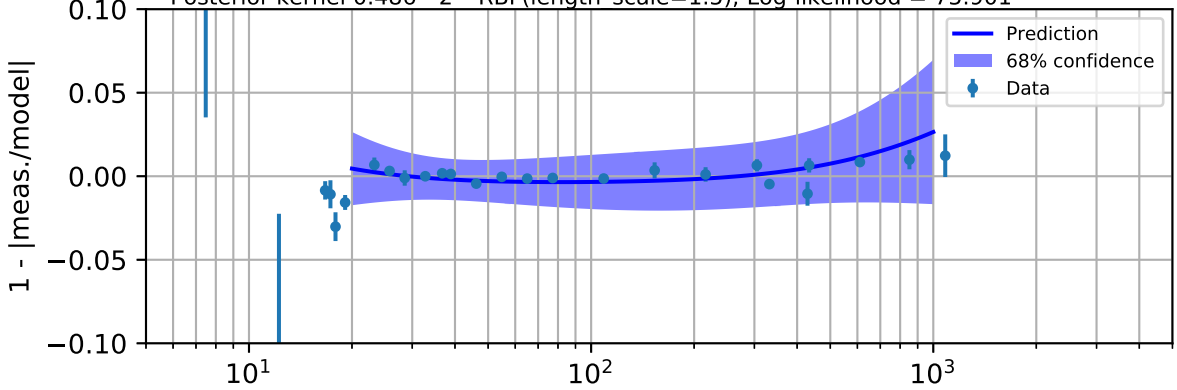
$$f_s = 0.2584^{+0.254}_{-0.116} \text{ Hz}, Q_s = 2.357^{+4.72}_{-4.72}$$



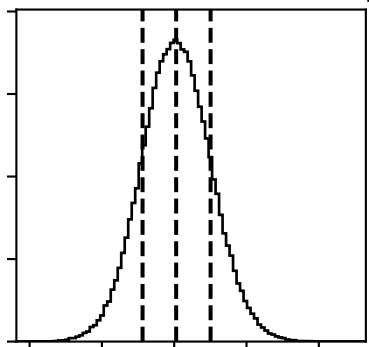
H1 Reference Sensing Model Used: $H_C = 3.05e+06$ ct/m, $f_{cc} = 4.25e+02$ Hz, $f_s = 0.26$ Hz, $Q=2.39$



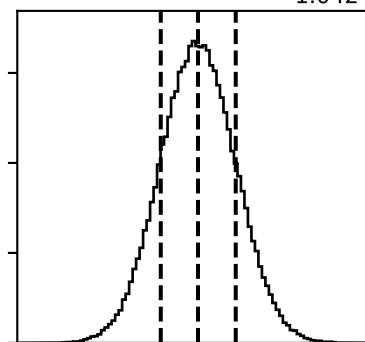
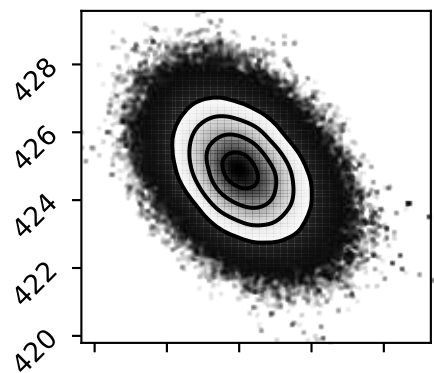
Posterior kernel 0.486**2 * RBF(length scale=1.5); Log-likelihood = 75.901



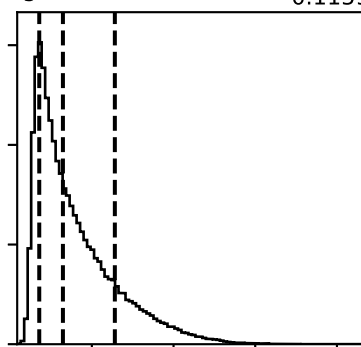
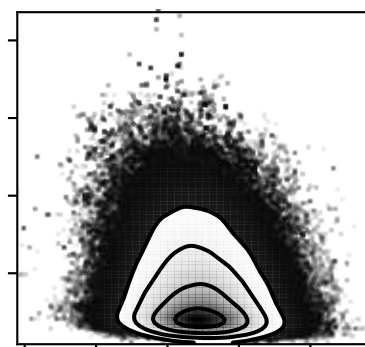
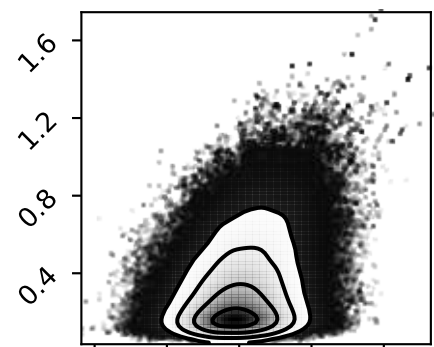
$$H_c \text{ (ct/m)} = 3.046e + 06^{+1428}_{-1394}$$



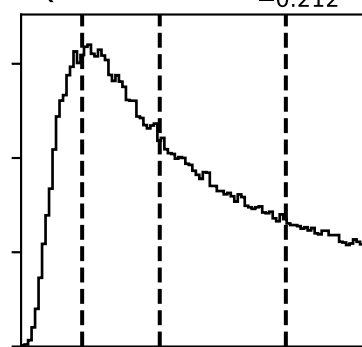
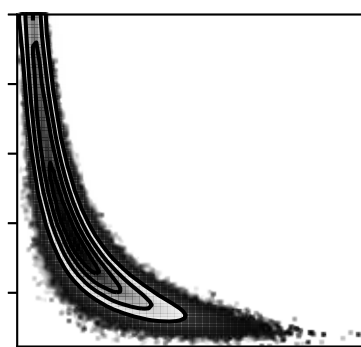
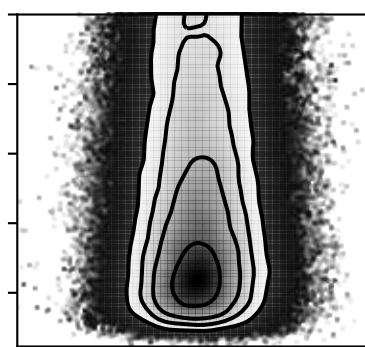
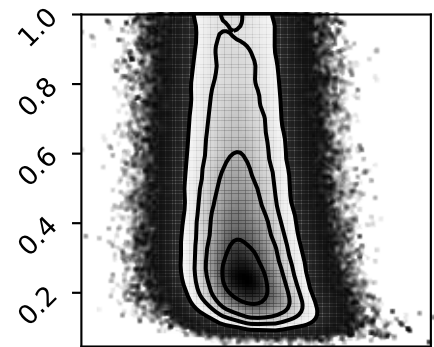
$$f_{cc} \text{ (Hz)} = 424.9^{+1.057}_{-1.042}$$



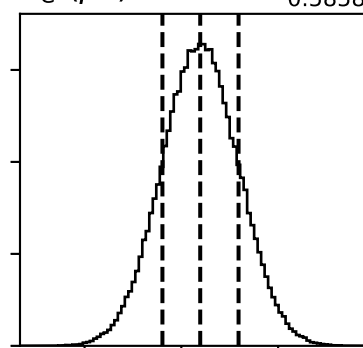
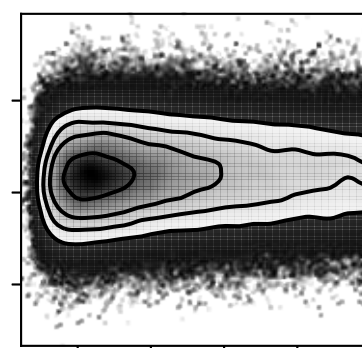
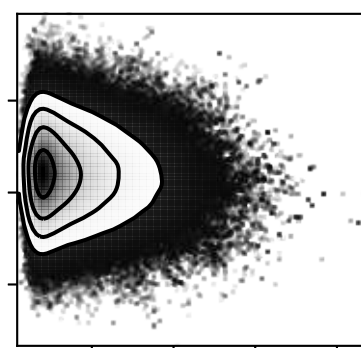
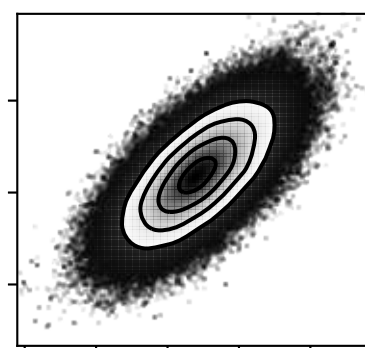
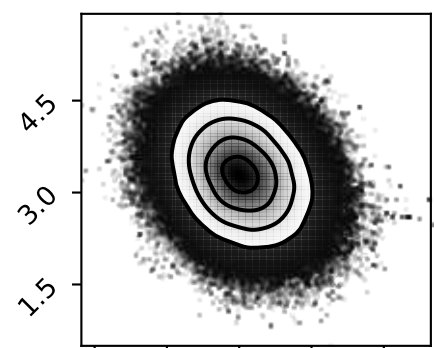
$$f_s \text{ (Hz)} = 0.2584^{+0.2542}_{-0.1159}$$



$$Q^{-1} = 0.4242^{+0.3444}_{-0.212}$$



$$\tau_c \text{ (\mu s)} = 3.292^{+0.5942}_{-0.5858}$$



H_c (ct/m)

f_{cc} (Hz)

f_s (Hz)

Q^{-1}

τ_c (μ s)