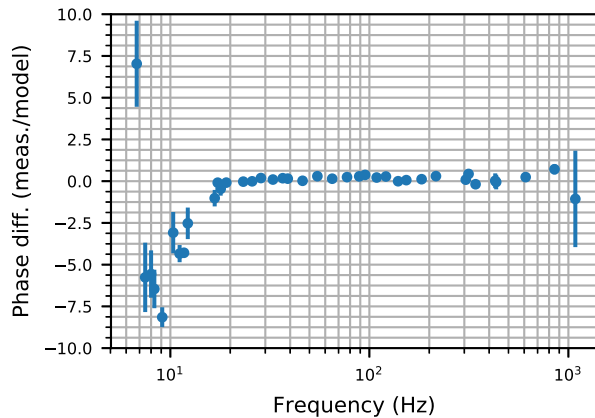
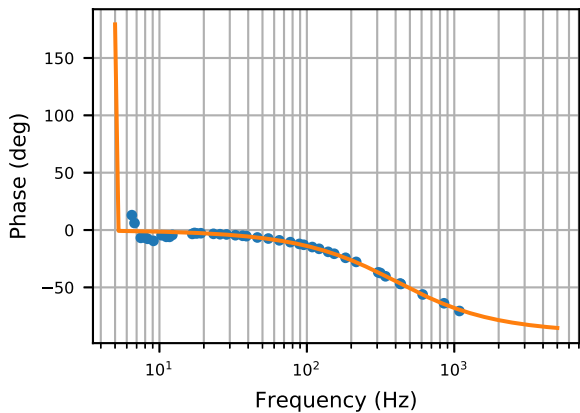
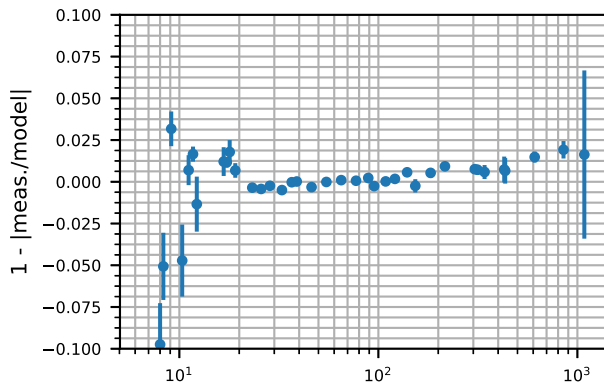
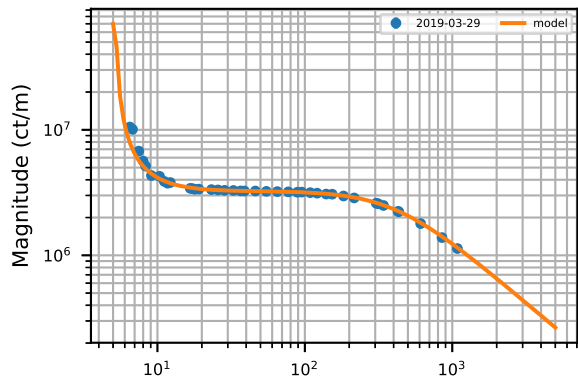
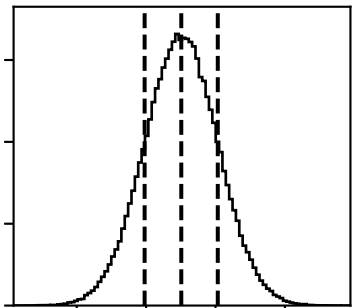


H1 Reference Sensing Model Used: $H_C = 3.29\text{e}+06$ ct/m, $f_{CC} = 4.05\text{e}+02$ Hz, $f_s = 5.62\text{j}$ Hz, $Q=5.2$

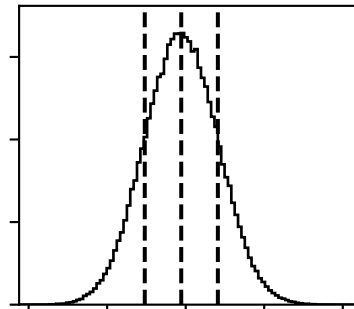


2019-03-29 H1 Sensing Function: MCMC Corner Plot

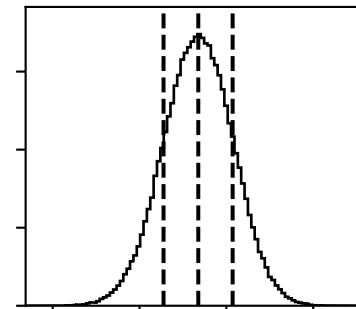
$$H_C \text{ (ct/m)} = 3.278e + 06^{+2629}_{-2641}$$



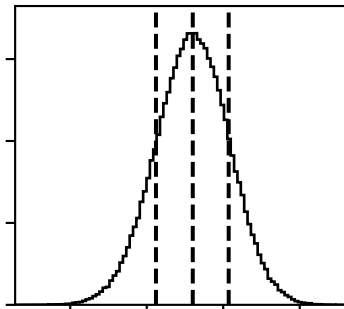
$$f_{cc} \text{ (Hz)} = 403.9^{+0.9331}_{-0.9286}$$



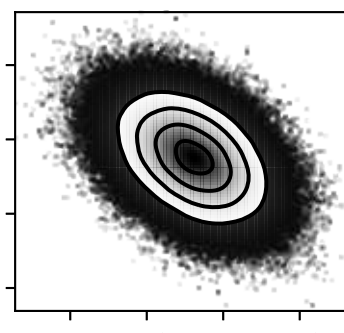
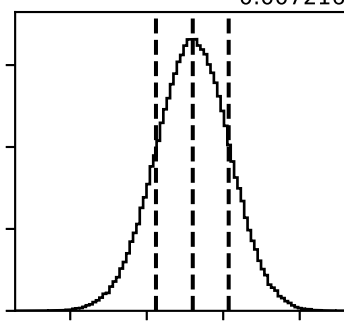
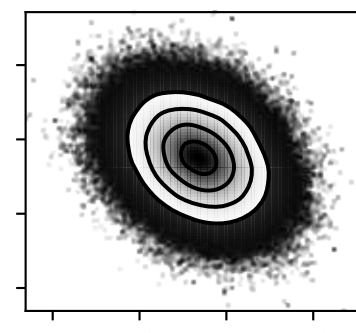
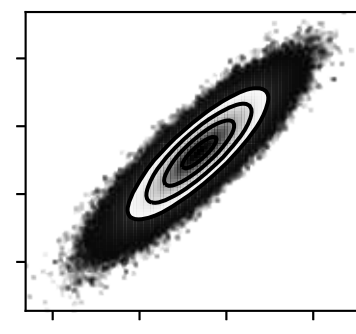
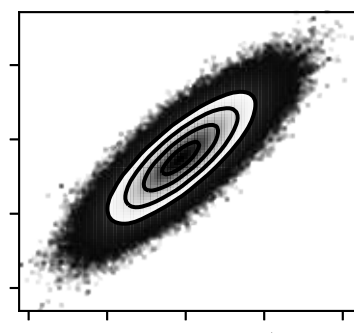
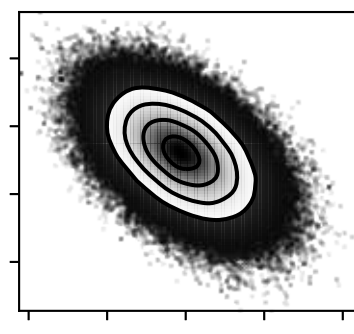
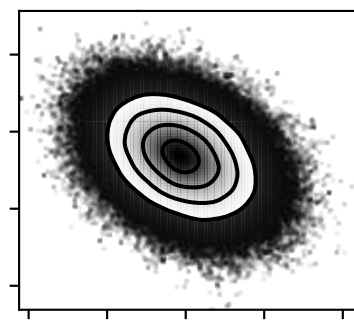
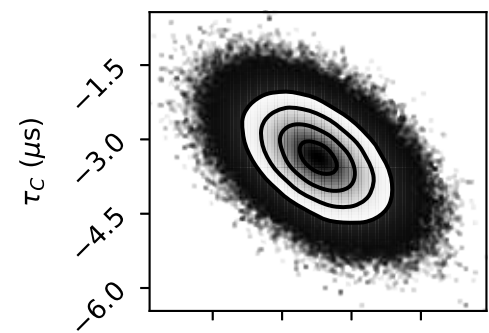
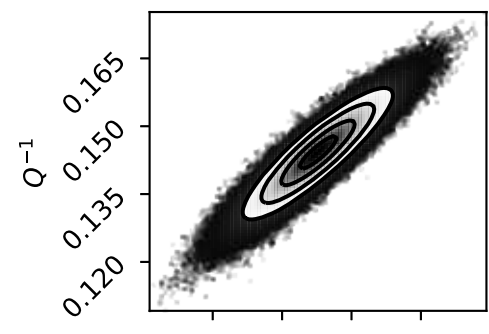
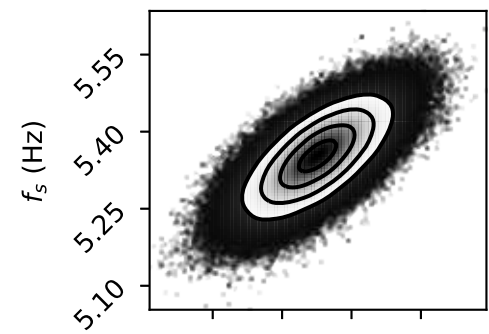
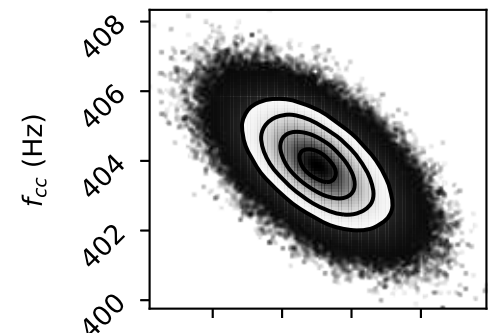
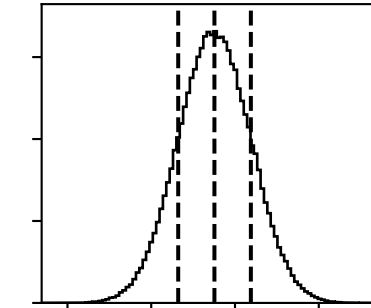
$$f_s \text{ (Hz)} = 5.351^{+0.05934}_{-0.06001}$$



$$Q^{-1} = 0.144^{+0.007047}_{-0.007216}$$



$$\tau_c \text{ (\mu s)} = -3.369^{+0.6528}_{-0.6485}$$



3270000
3275000
 H_C (ct/m)
3280000
3285000

400 402 404 406 408
 f_{cc} (Hz)

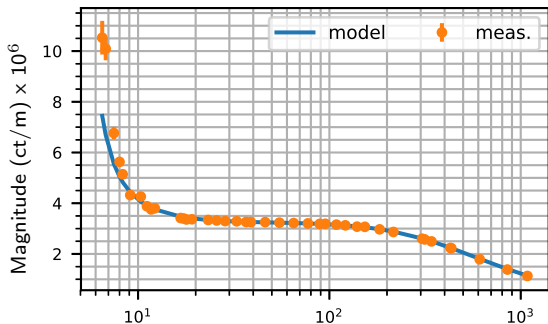
5.10 5.25 5.40 5.55
 f_s (Hz)

0.120 0.135 0.150 0.165
 Q^{-1}

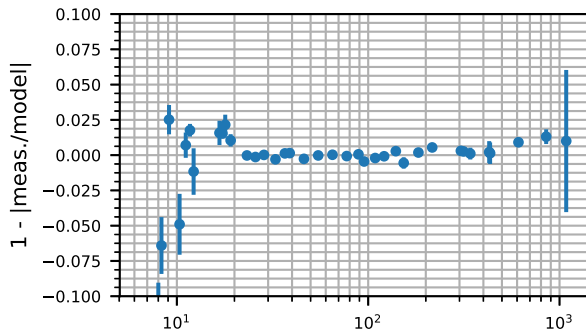
-6.0 -4.5 -3.0 -1.5
 τ_c (μ s)

H1 sensing function measurement: 2019-03-29

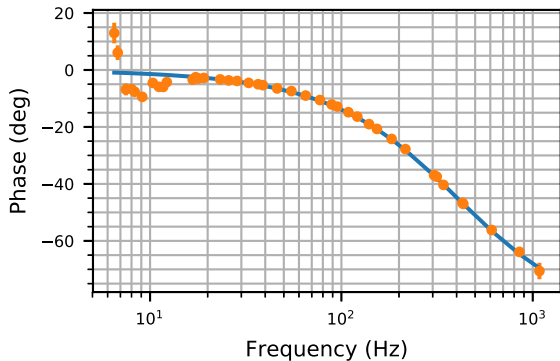
$$H_C = 3.278e+06^{+2.63e+03}_{-2.64e+03} \text{ (ct/m)}$$



$$f_{CC} = 403.9^{+0.933}_{-0.929} \text{ Hz}, \tau_C = -3.37^{+0.653}_{-0.648} \mu\text{s}$$



$$H_C = 4.376^{+0.00351}_{-0.00353} \text{ (mA/pm)}$$



$$f_s = i5.351^{+0.0593}_{-0.06} \text{ Hz}, Q_s = 6.943^{+139}_{-139}$$

