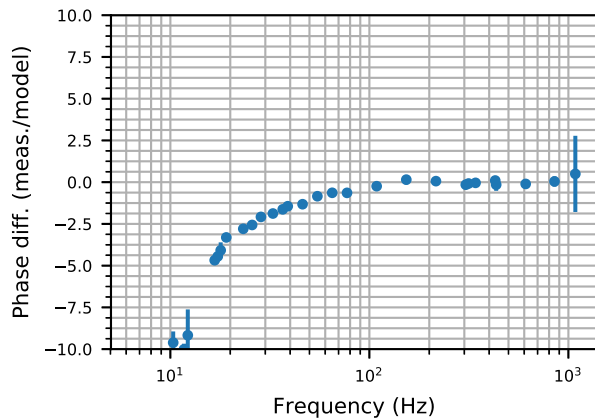
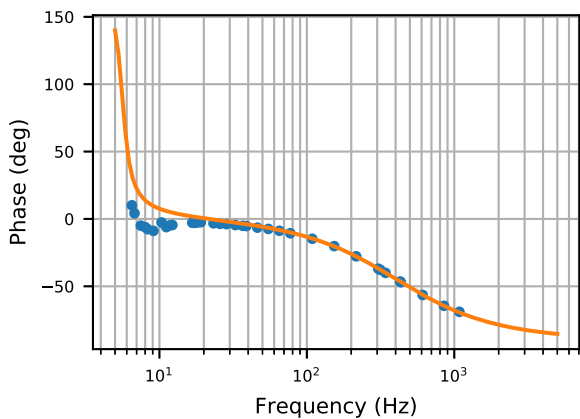
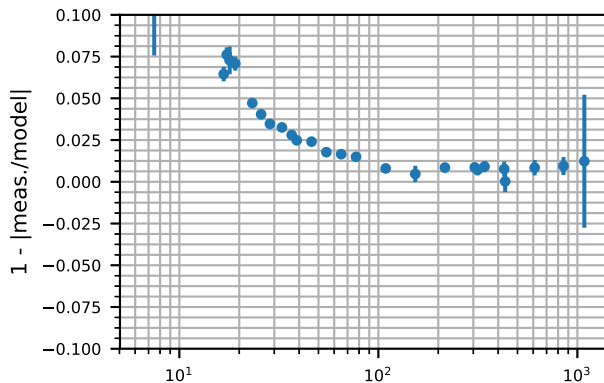
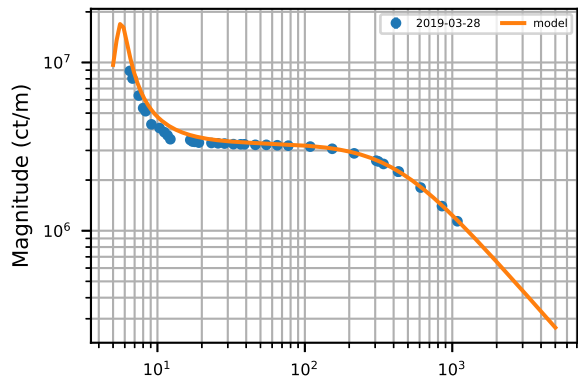
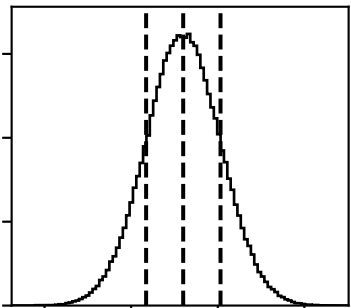


H1 Reference Sensing Model Used: $H_C = 3.29\text{e}+06$ ct/m, $f_{CC} = 4.05\text{e}+02$ Hz, $f_s = 5.62\text{j}$ Hz, $Q=5.2$

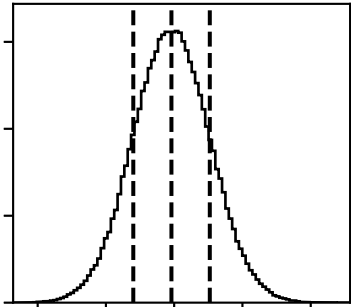


2019-03-28 H1 Sensing Function: MCMC Corner Plot

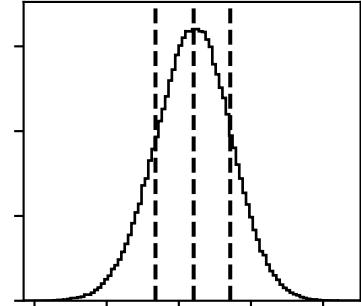
$$H_C \text{ (ct/m)} = 3.293e + 06^{+3447}_{-3425}$$



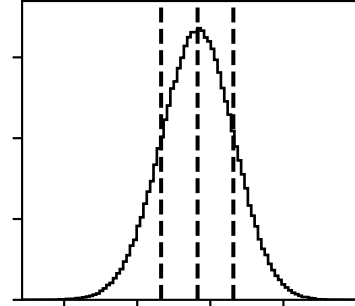
$$f_{cc} \text{ (Hz)} = 405.9^{+1.124}_{-1.118}$$



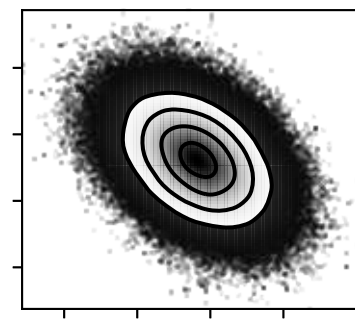
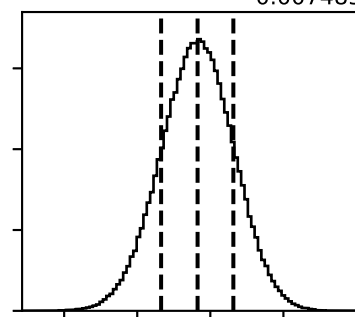
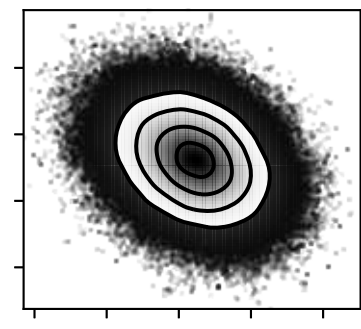
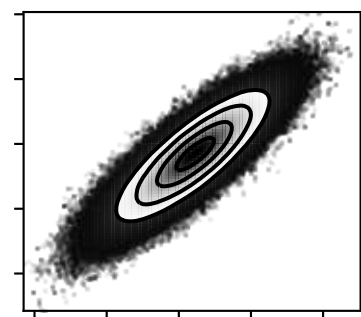
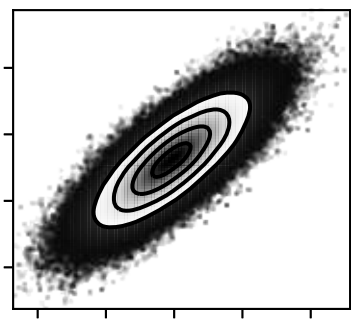
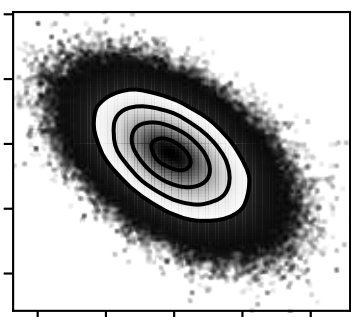
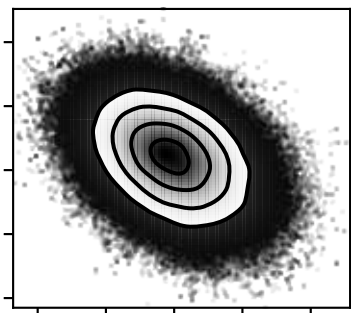
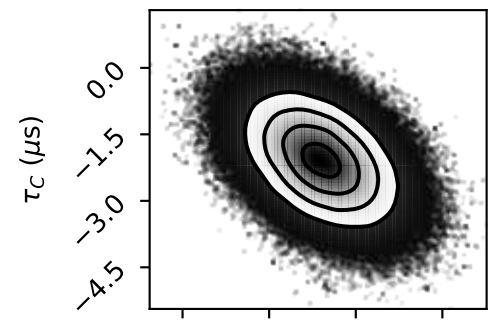
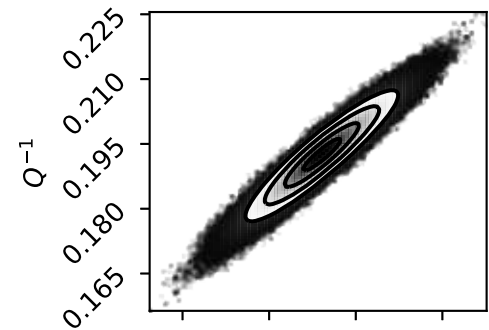
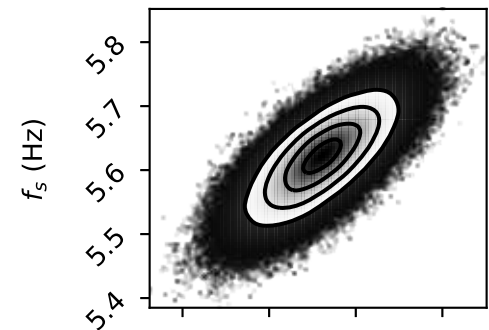
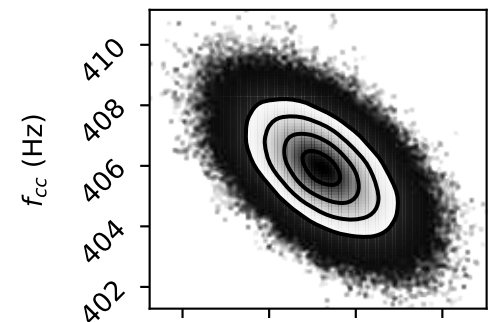
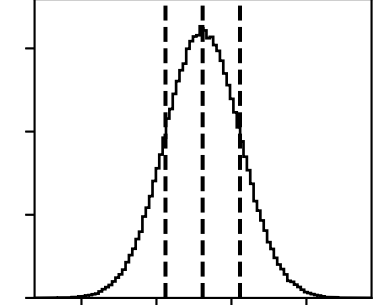
$$f_s \text{ (Hz)} = 5.621^{+0.05072}_{-0.0529}$$



$$Q^{-1} = 0.1924^{+0.007342}_{-0.007485}$$



$$\tau_C \text{ (\mu s)} = -2.076^{+0.7472}_{-0.7433}$$



3280000
3288000
3296000
3304000
 H_C (ct/m)

402 404 406 408 410
 f_{cc} (Hz)

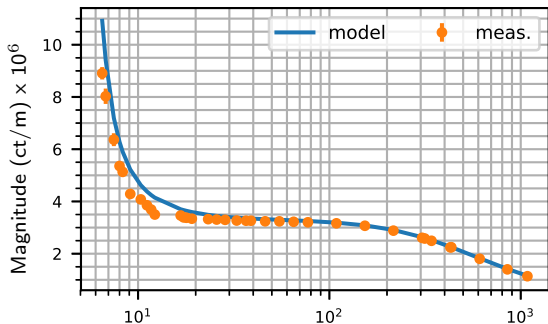
5.4 5.5 5.6 5.7 5.8
 f_s (Hz)

0.165 0.180 0.195 0.210 0.225
 Q^{-1}

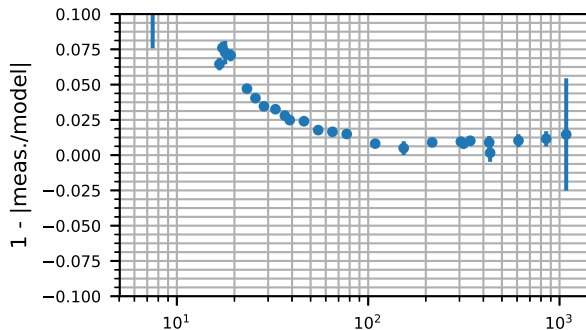
-4.5 -3.0 -1.5 0.0
 τ_C (μ s)

H1 sensing function measurement: 2019-03-28

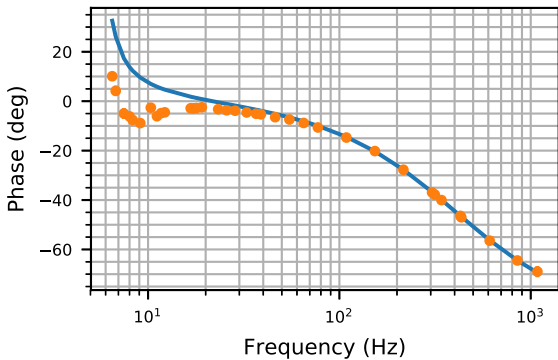
$$H_C = 3.293e+06^{+3.45e+03}_{-3.42e+03} \text{ (ct/m)}$$



$$f_{cc} = 405.9^{+1.12}_{-1.12} \text{ Hz}, \tau_C = -2.08^{+0.747}_{-0.743} \mu\text{s}$$



$$H_C = 4.396^{+0.0046}_{-0.00457} \text{ (mA/pm)}$$



$$f_s = i5.621^{+0.0507}_{-0.0529} \text{ Hz}, Q_s = 5.198^{+134}_{-134}$$

