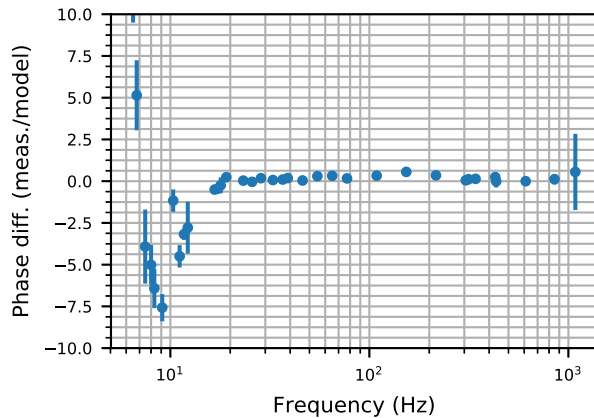
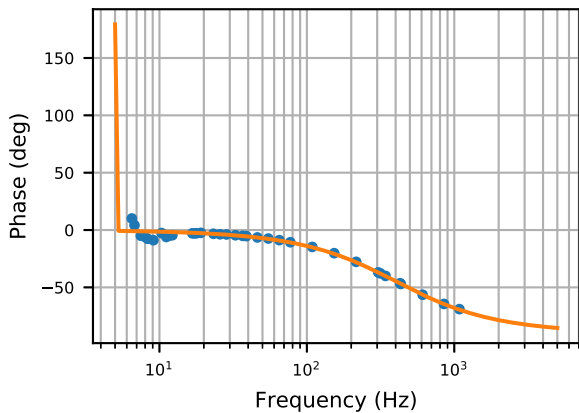
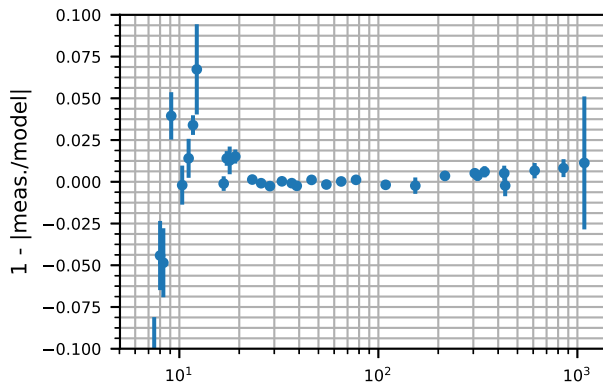
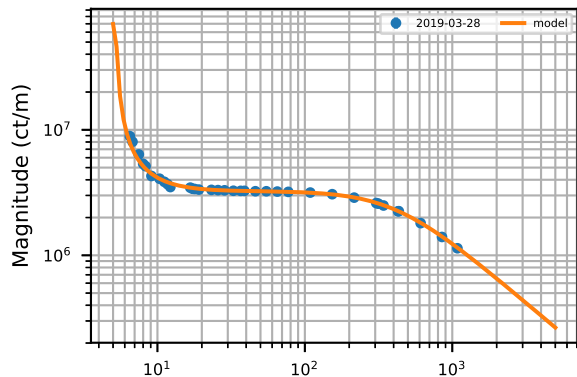
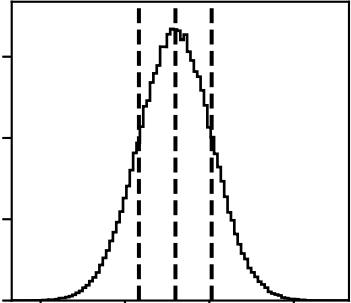


H1 Reference Sensing Model Used:  $H_C = 3.29\text{e}+06$  ct/m,  $f_{CC} = 4.05\text{e}+02$  Hz,  $f_s = 5.62\text{j}$  Hz,  $Q=5.2$

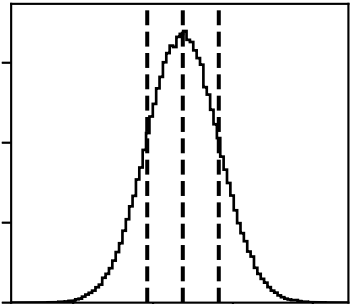


2019-03-28 H1 Sensing Function: MCMC Corner Plot

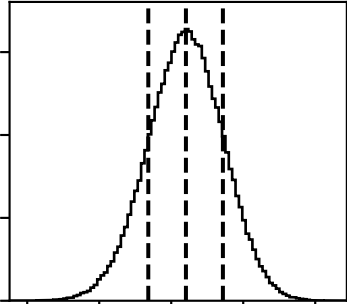
$$H_C \text{ (ct/m)} = 3.293e + 06^{+3432}_{-3462}$$



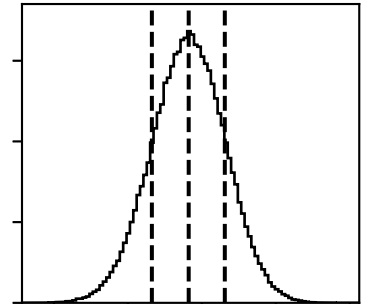
$$f_{cc} \text{ (Hz)} = 405.9^{+1.127}_{-1.113}$$



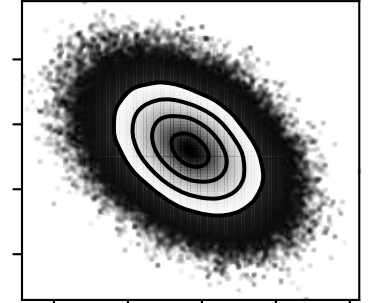
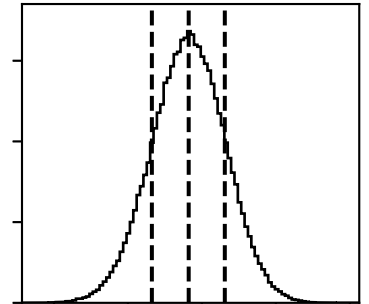
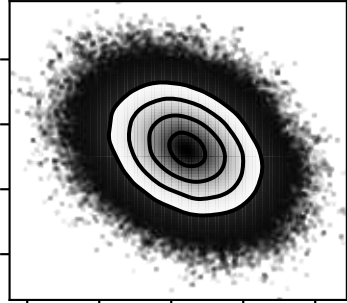
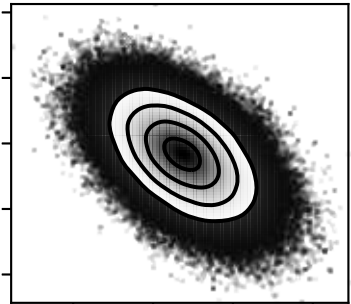
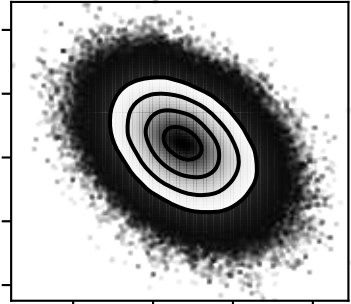
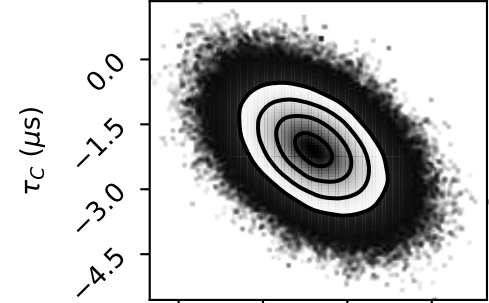
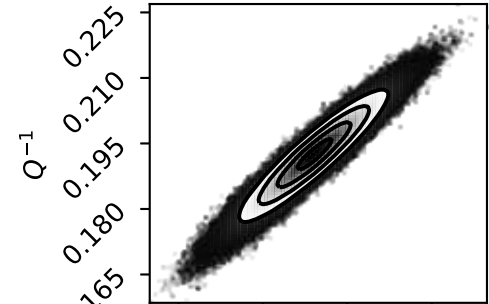
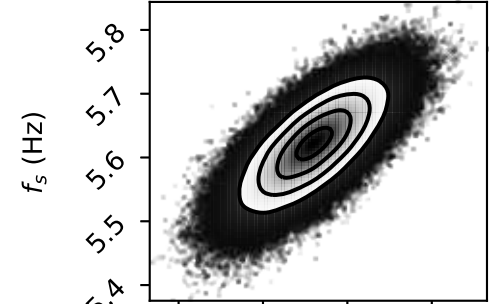
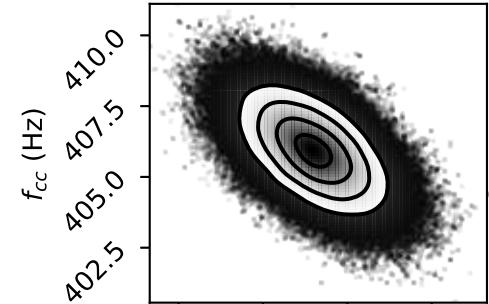
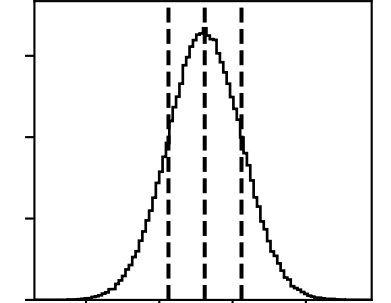
$$f_s \text{ (Hz)} = 5.62^{+0.05135}_{-0.05228}$$



$$Q^{-1} = 0.1923^{+0.007326}_{-0.007469}$$



$$\tau_C \text{ (\mu s)} = -2.071^{+0.7531}_{-0.742}$$



3280000 3288000 3296000 3304000  
 $H_C$  (ct/m)

402.5 405.0 407.5 410.0  
 $f_{cc}$  (Hz)

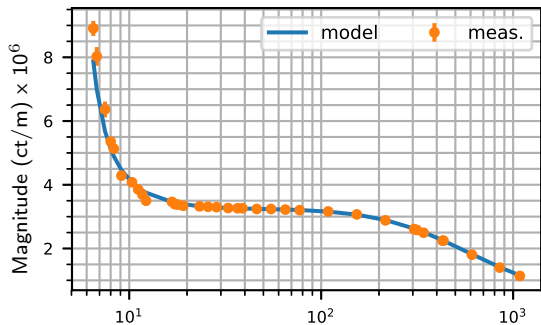
5.4 5.5 5.6 5.7 5.8  
 $f_s$  (Hz)

0.165 0.180 0.195 0.210 0.225  
 $Q^{-1}$

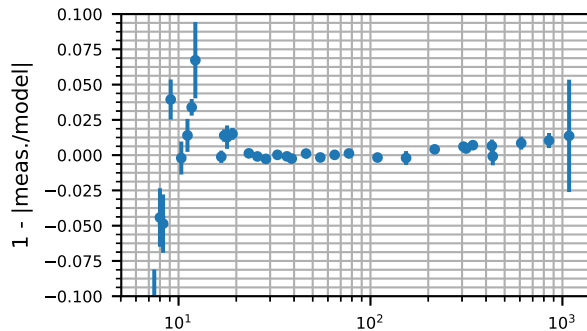
-4.5 -3.0 -1.5 0.0  
 $\tau_C$  ( $\mu$ s)

# H1 sensing function measurement: 2019-03-28

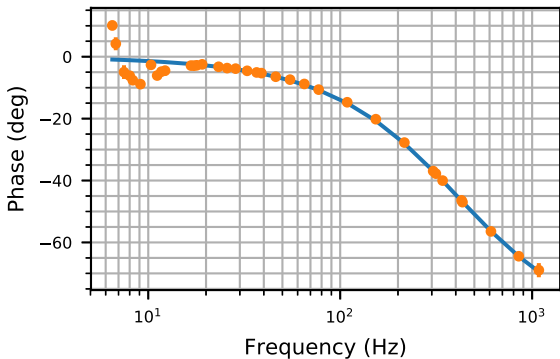
$$H_C = 3.293e+06^{+3.43e+03}_{-3.46e+03} \text{ (ct/m)}$$



$$f_{cc} = 405.9^{+1.13}_{-1.11} \text{ Hz}, \tau_C = -2.07^{+0.753}_{-0.742} \mu\text{s}$$



$$H_C = 4.396^{+0.00458}_{-0.00462} \text{ (mA/pm)}$$



$$f_s = i5.62^{+0.0513}_{-0.0523} \text{ Hz}, Q_s = 5.2^{+134}_{-134}$$

