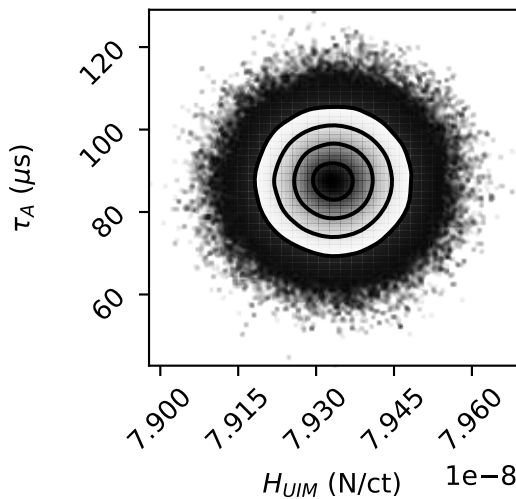
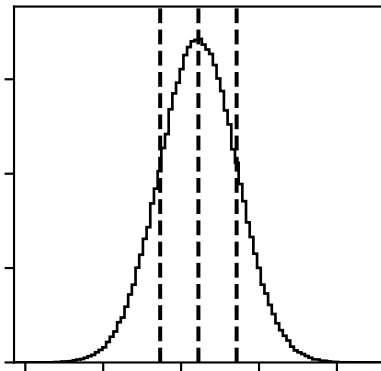
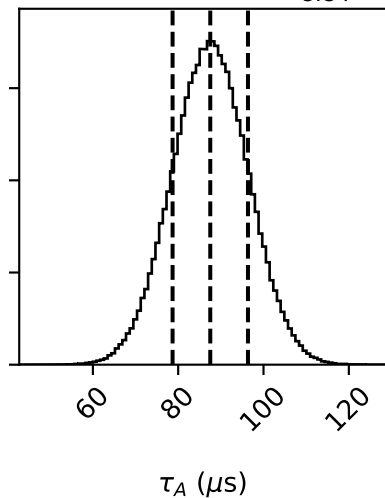


$$H_{UIM} \text{ (N/ct)} = 7.93e-08^{+7.36e-11}_{-7.36e-11}$$

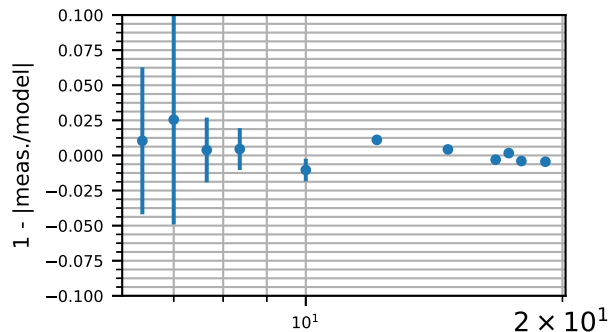
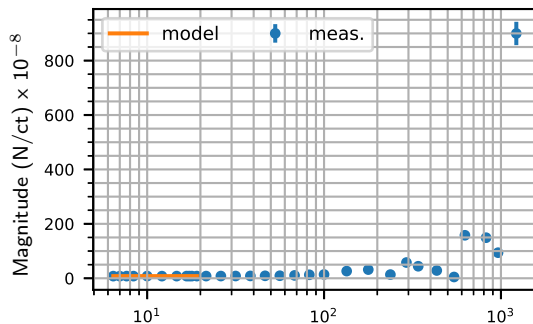


$$\tau_A \text{ } (\mu\text{s}) = 87.5^{+8.84}_{-8.84}$$

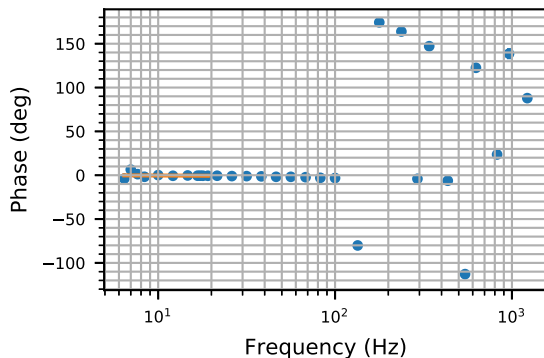


H1 UIM actuation measurement: 2019-01-14

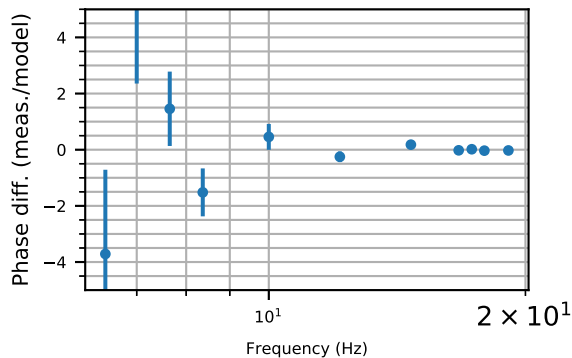
Fit Range: 5-20 Hz



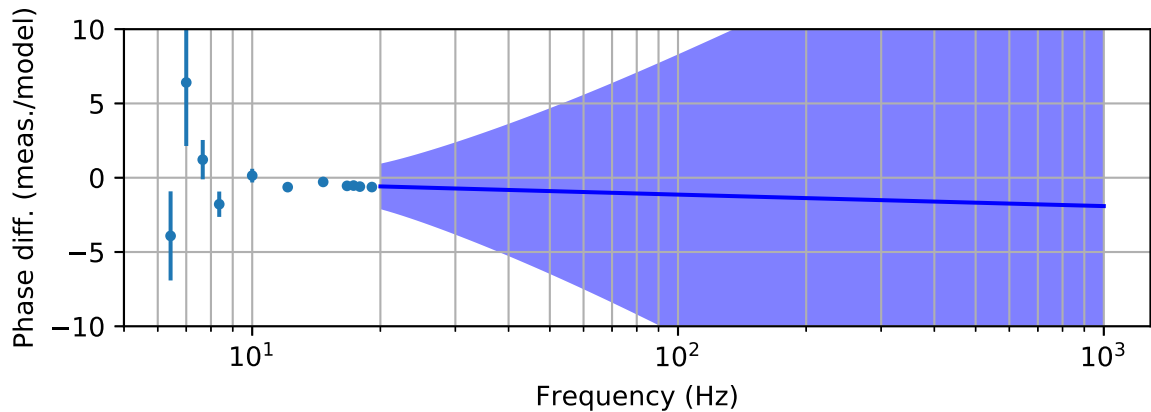
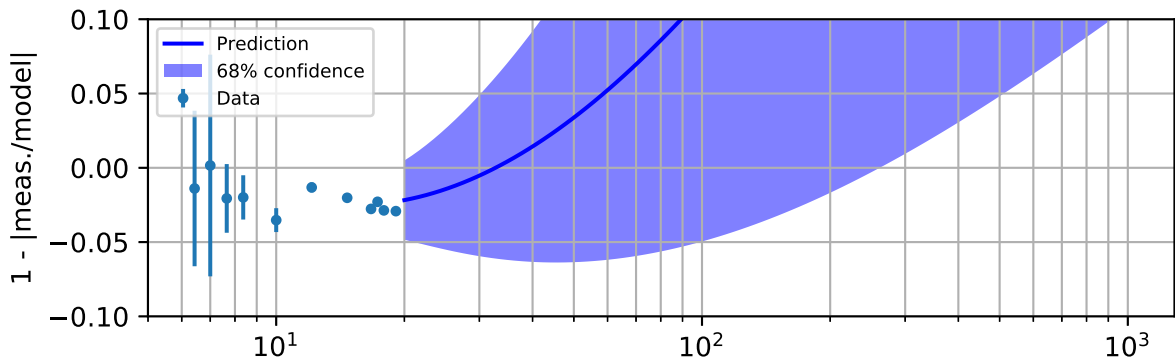
$$H_{UIM} = 7.93e-08^{+7.4e-11}_{-7.4e-11} \text{ (N/ct)}$$



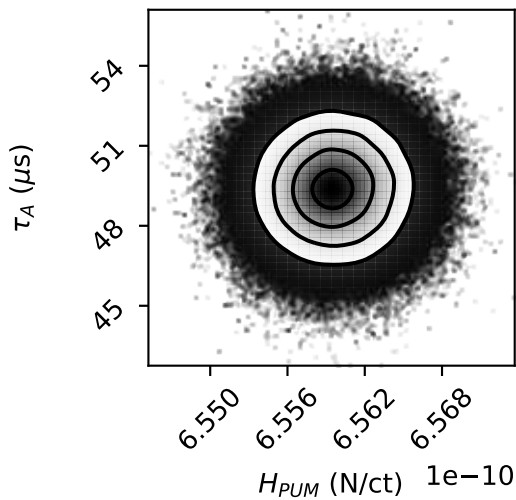
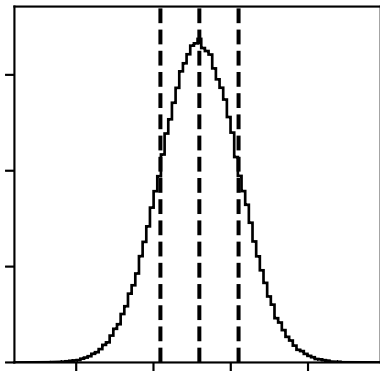
$$\tau_A = 87.5^{+8.8}_{-8.8} \text{ (}\mu\text{s)}$$



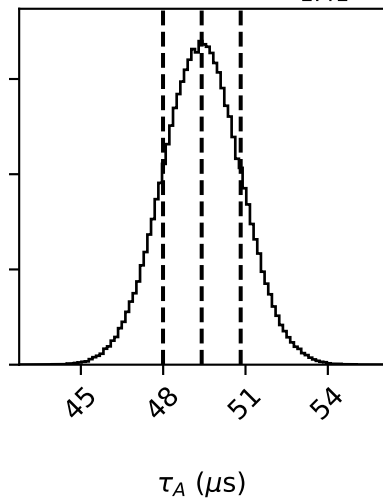
Posterior kernel $0.541 \times 2 \times \text{RBF}(\text{length_scale}=1.5)$, Log-likelihood = 24.085



$$H_{PUM} \text{ (N/ct)} = 6.56e-10^{+3.05e-13}_{-3.02e-13}$$

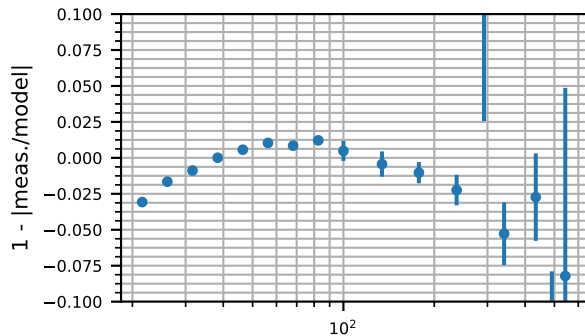
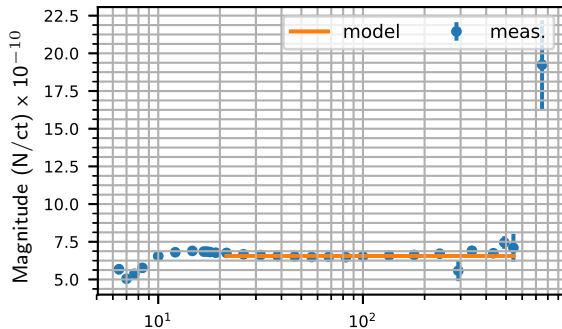


$$\tau_A \text{ } (\mu\text{s}) = 49.4^{+1.42}_{-1.41}$$

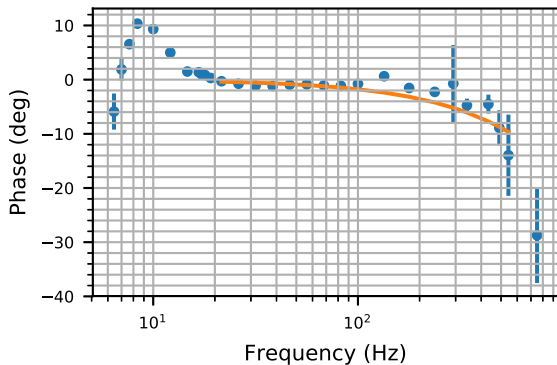


H1 PUM actuation measurement: 2019-01-14

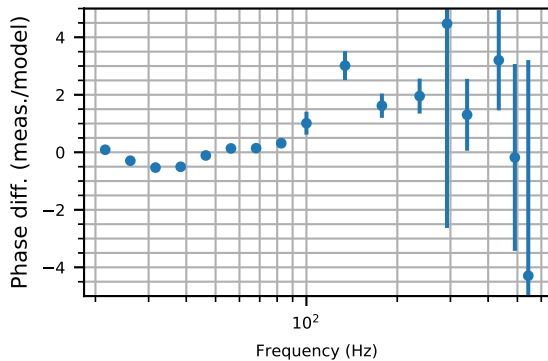
Fit Range: 20-600 Hz



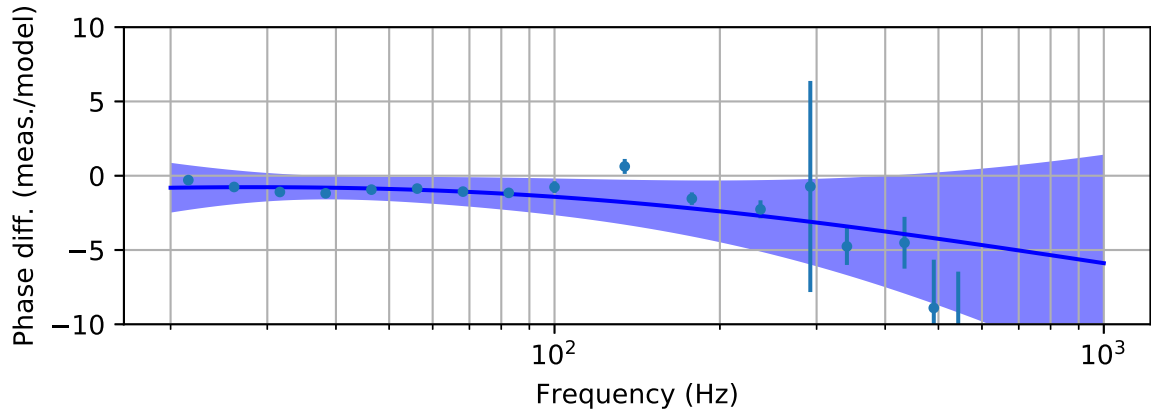
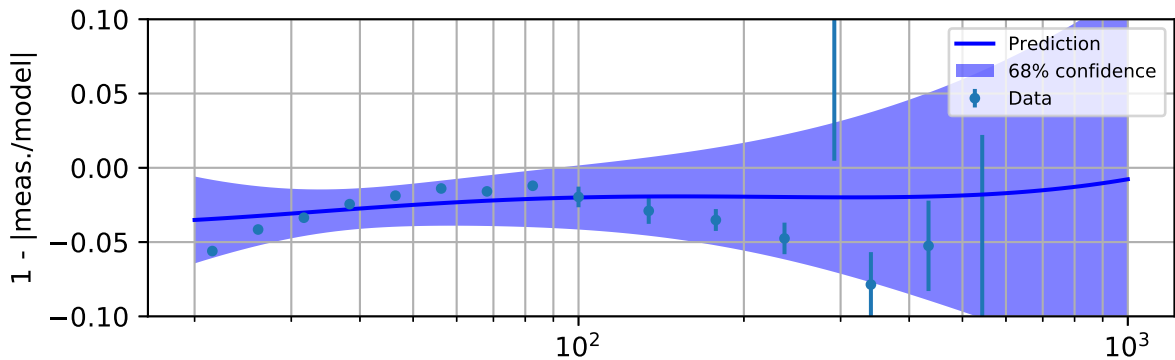
$$H_{PUM} = 6.56e - 10^{+3e-13}_{-3e-13} \text{ (N/ct)}$$



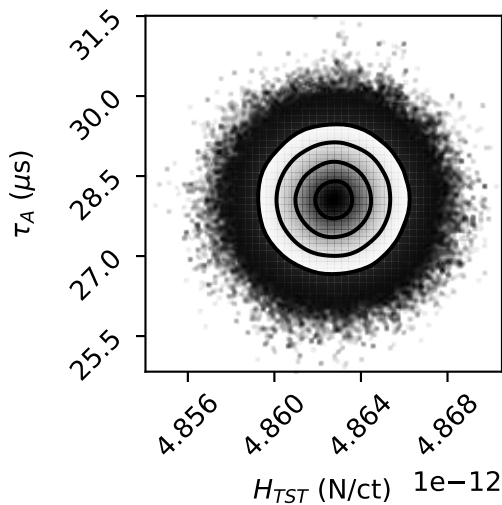
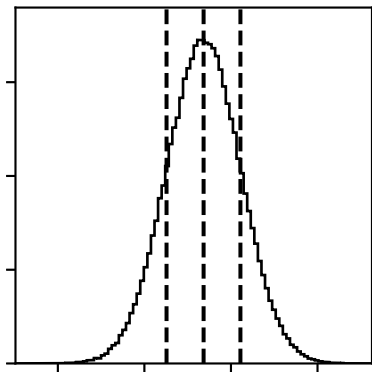
$$\tau_A = 49.4^{+1.4}_{-1.4} \text{ (}\mu\text{s)}$$



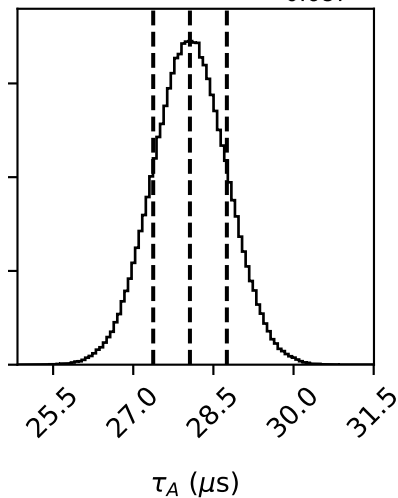
Posterior kernel $0.567 \times 2 \times \text{RBF}(\text{length_scale}=1.5)$, Log-likelihood = 38.009



$$H_{TST} \text{ (N/ct)} = 4.86e-12^{+1.7e-15}_{-1.71e-15}$$

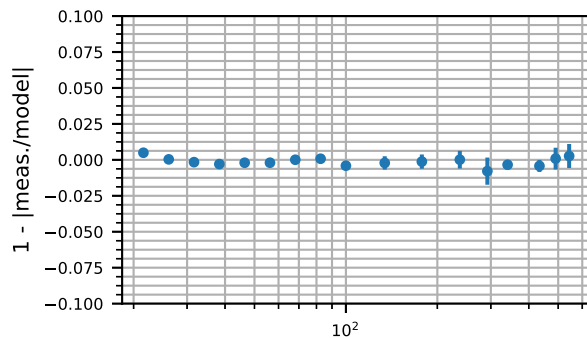
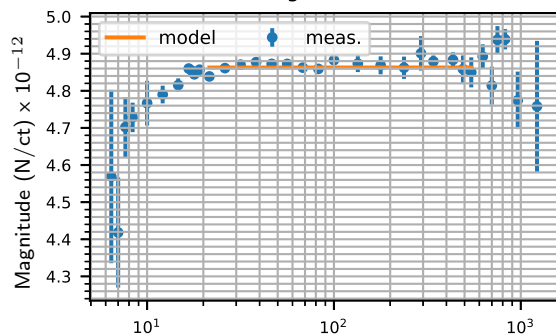


$$\tau_A \text{ } (\mu\text{s}) = 28.1^{+0.691}_{-0.687}$$



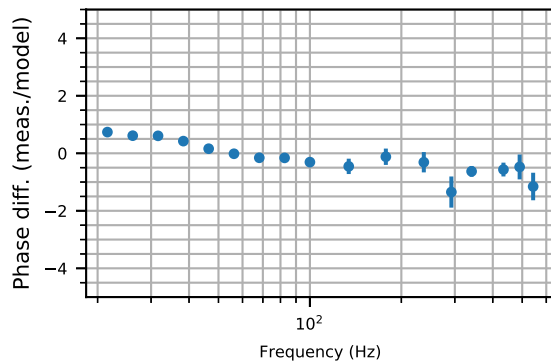
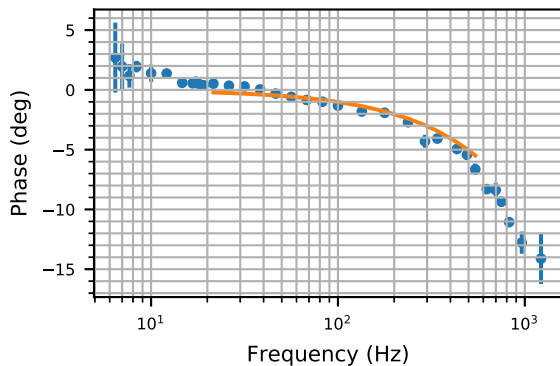
H1 TST actuation measurement: 2019-01-14

Fit Range: 20-600 Hz

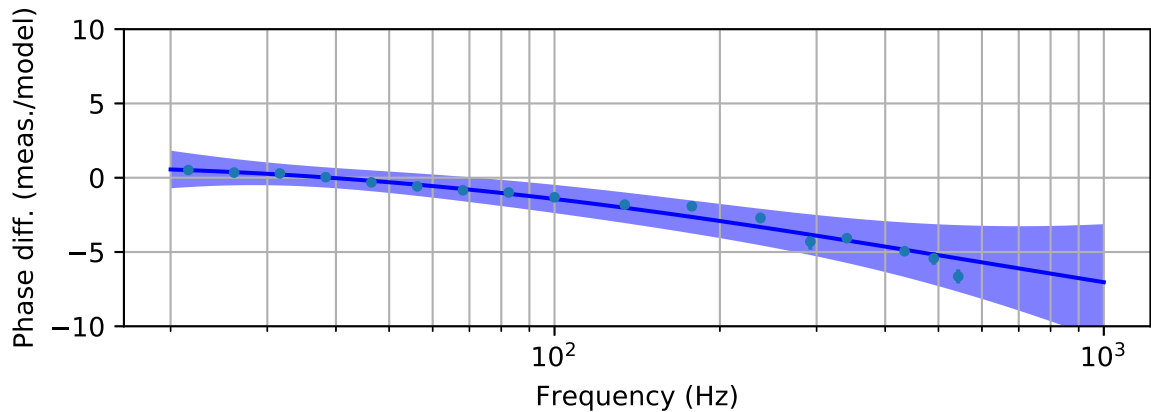
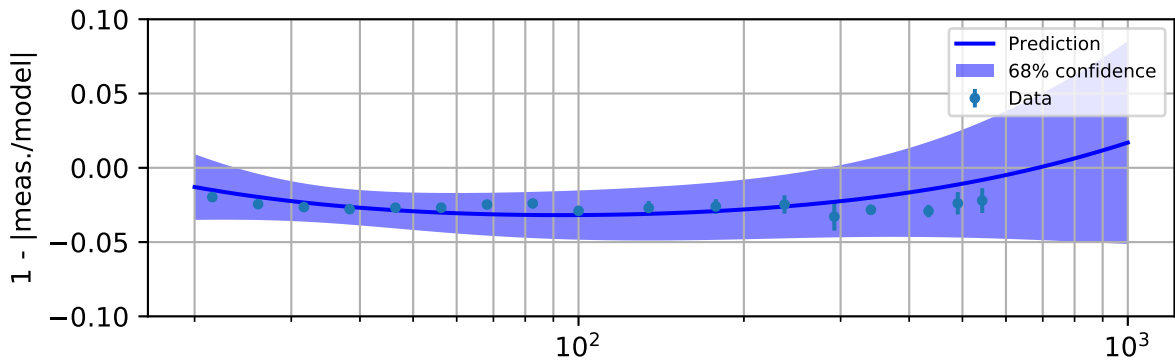


$$H_{TST} = 4.86e-12^{+1.7e-15}_{-1.7e-15} \text{ (N/ct)}$$

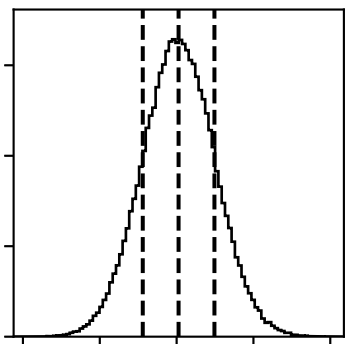
$$\tau_A = 28.1^{+0.69}_{-0.69} \text{ (}\mu\text{s)}$$



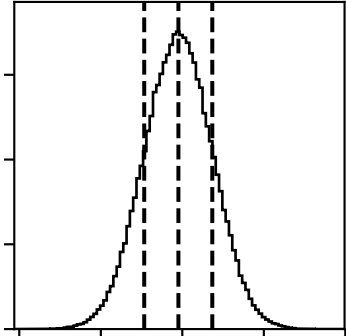
Posterior kernel $0.504 \times 2 \times \text{RBF}(\text{length_scale}=1.5)$, Log-likelihood = 53.218



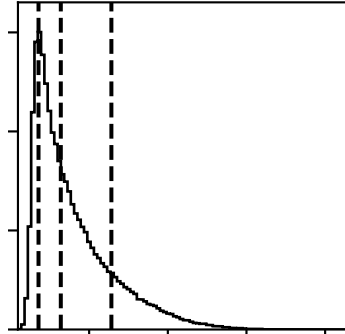
$$H_C \text{ (ct/m)} = 3.046\text{e} + 06^{+1400}_{-1398}$$



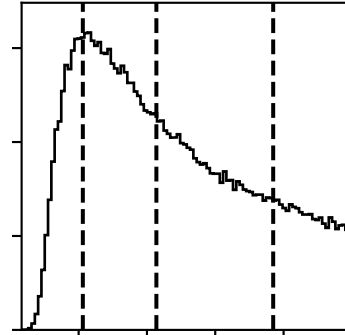
$$f_{cc} \text{ (Hz)} = 424.9^{+1.039}_{-1.049}$$



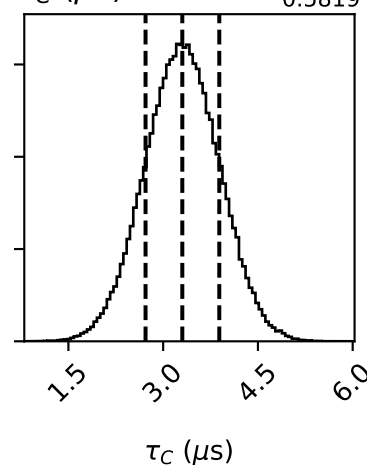
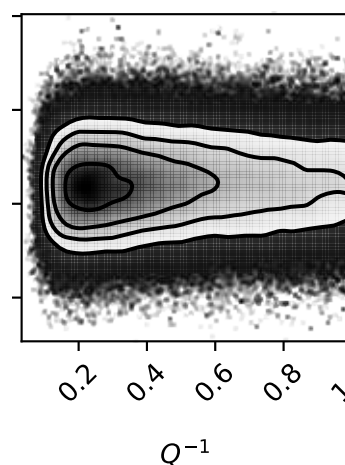
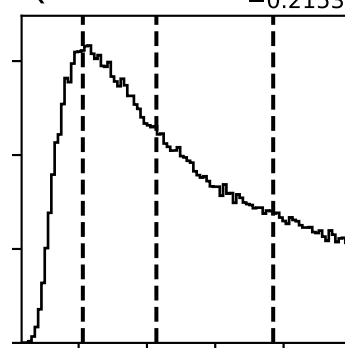
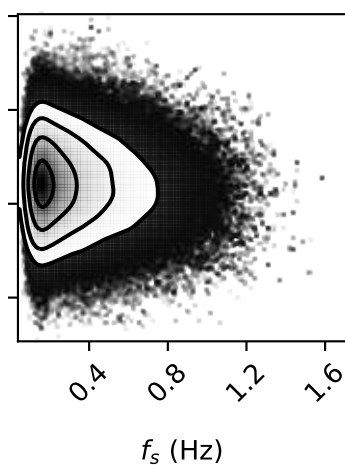
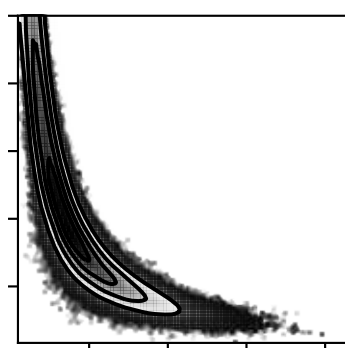
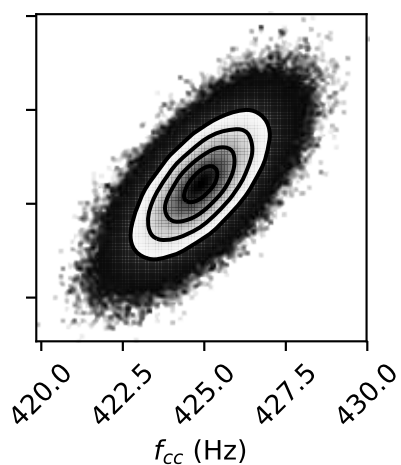
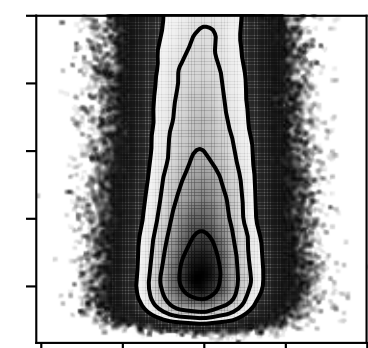
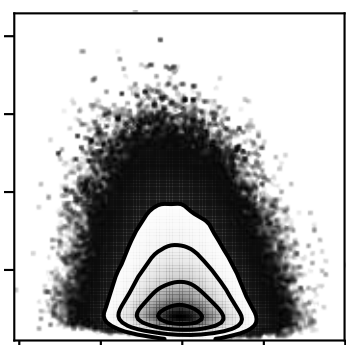
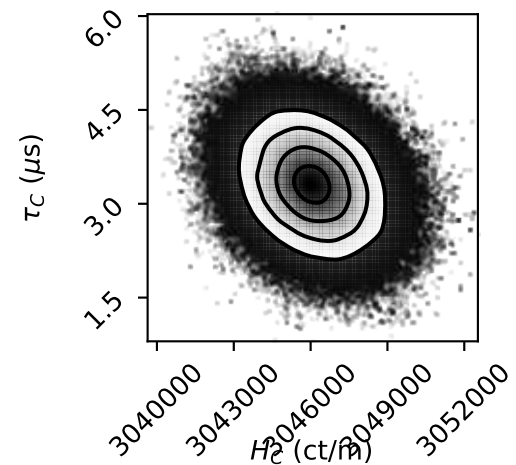
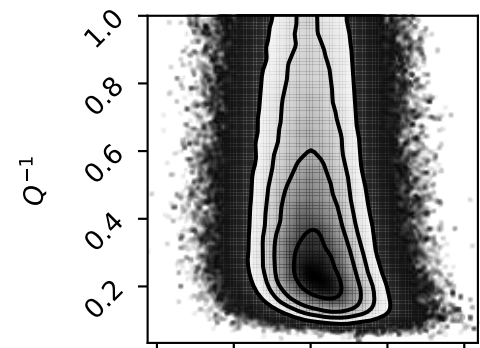
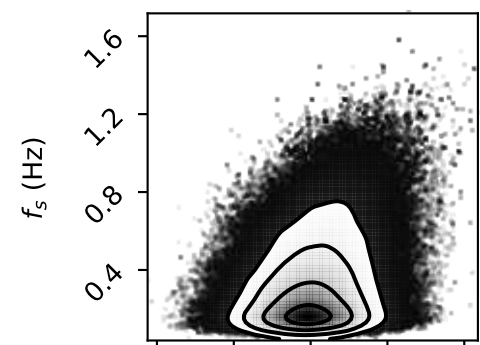
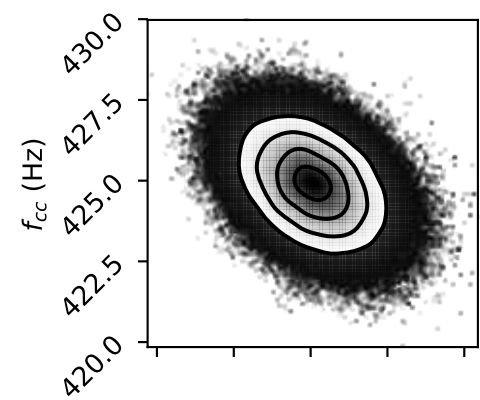
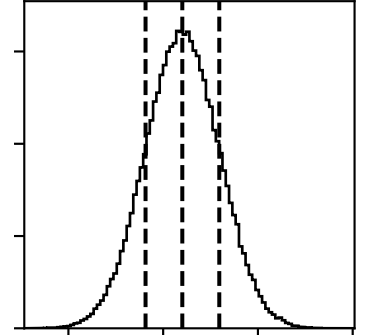
$$f_s \text{ (Hz)} = 0.2558^{+0.2572}_{-0.1133}$$



$$Q^{-1} = 0.4276^{+0.342}_{-0.2153}$$

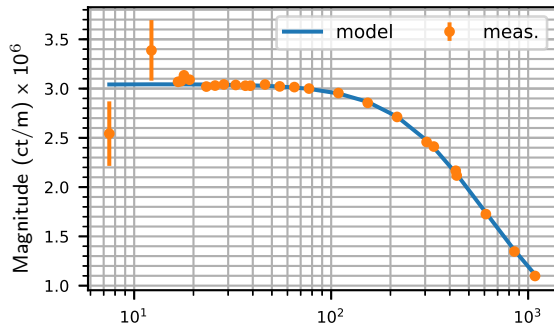


$$\tau_C \text{ (}\mu\text{s)} = 3.303^{+0.5854}_{-0.5819}$$

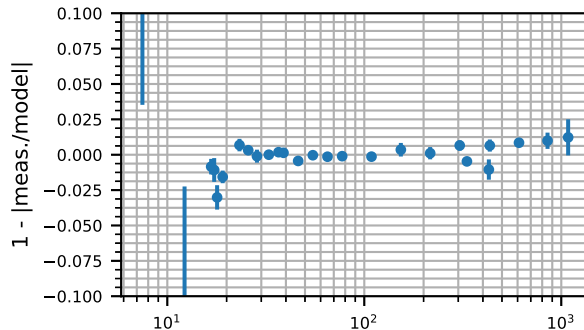


H1 sensing function measurement: 2019-01-18

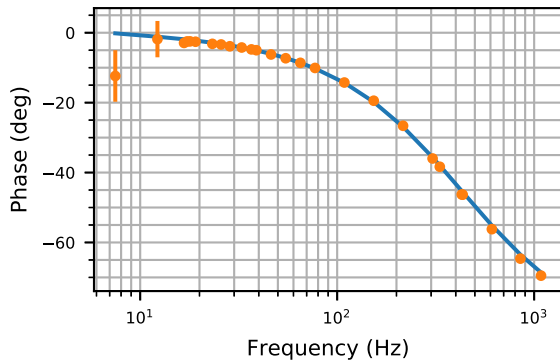
$$H_C = 3.046\text{e}+06_{-1.4\text{e}+03}^{+1.4\text{e}+03} \text{ (ct/m)}$$



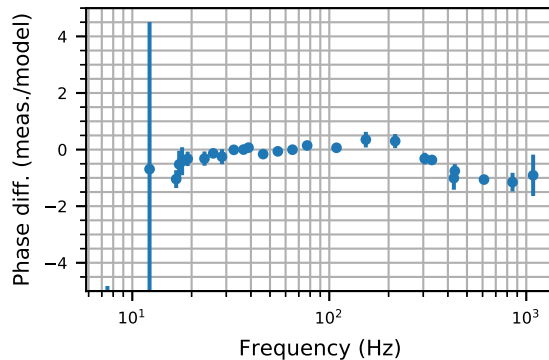
$$f_{cc} = 424.9_{-1.05}^{+1.04} \text{ Hz}, \tau_C = 3.30_{-0.582}^{+0.585} \mu\text{s}$$



$$H_C = 3.761_{-0.00173}^{+0.00173} \text{ (mA/pm)}$$



$$f_s = 0.2558_{-0.113}^{+0.257} \text{ Hz}, Q_s = 2.338_{-4.64}^{+4.64}$$



Posterior kernel $0.483^{**2} * \text{RBF}(\text{length scale}=1.5)$; Log-likelihood = 75.802

