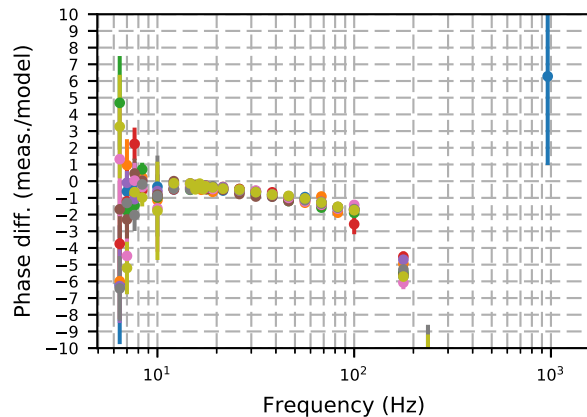
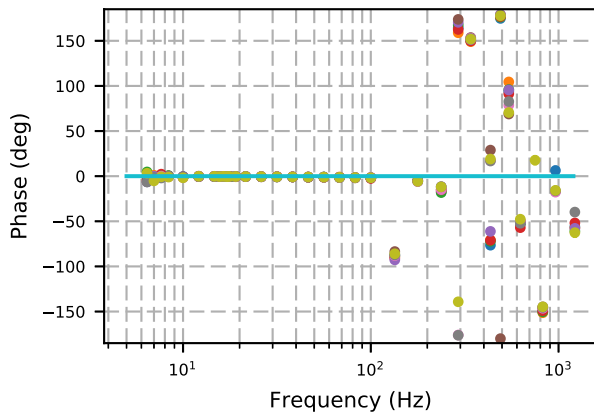
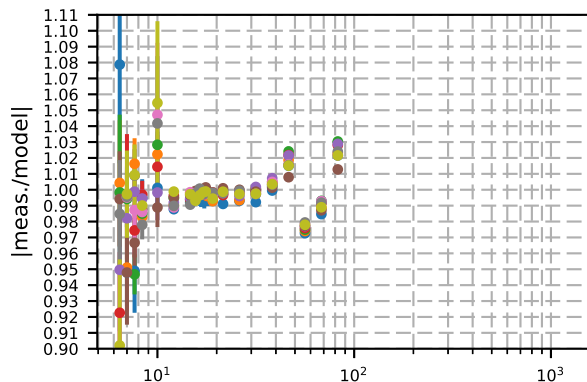
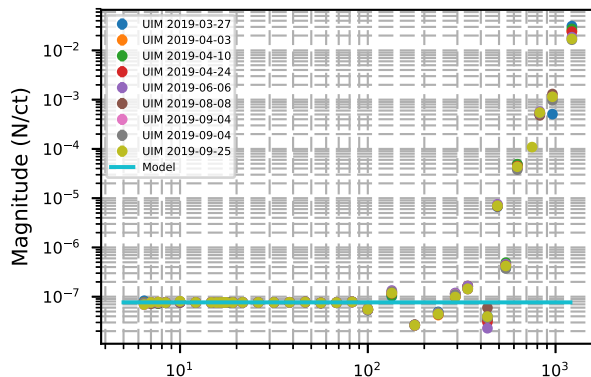
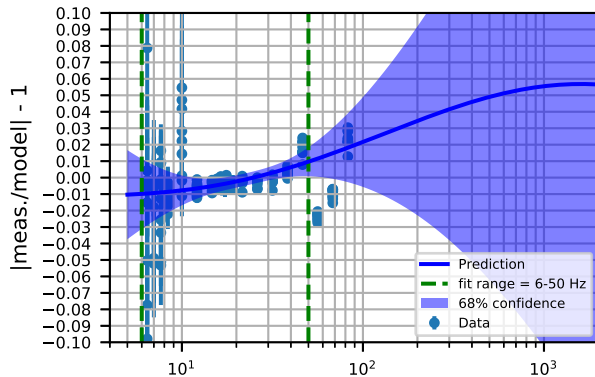
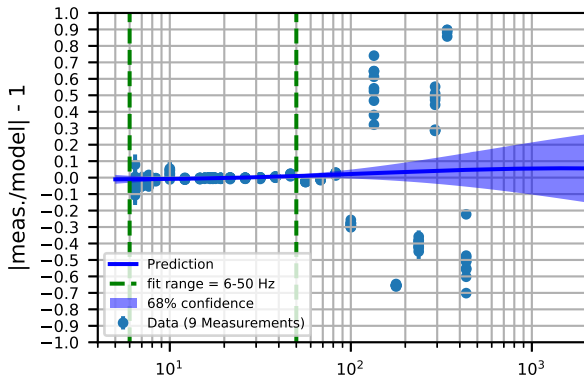


2019-09-25 H1 UIM Actuation Function: Meas/Model Residual (Input to MCMC)

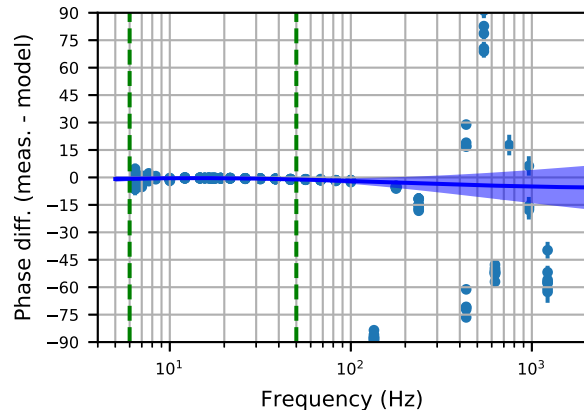


Gaussian Process Regression for Unknown Systematic Error

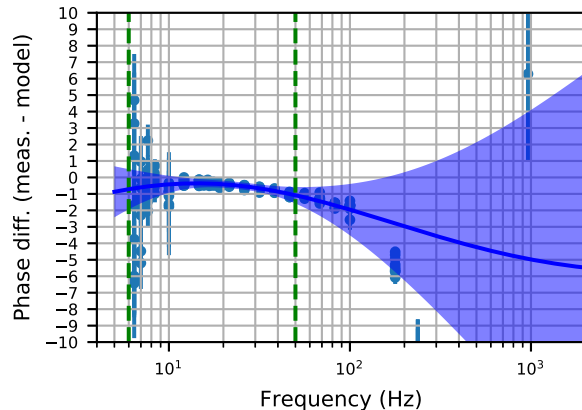
H1, ETMX UIM Actuation Function Measurement Residuals with 2019-04-16 Model



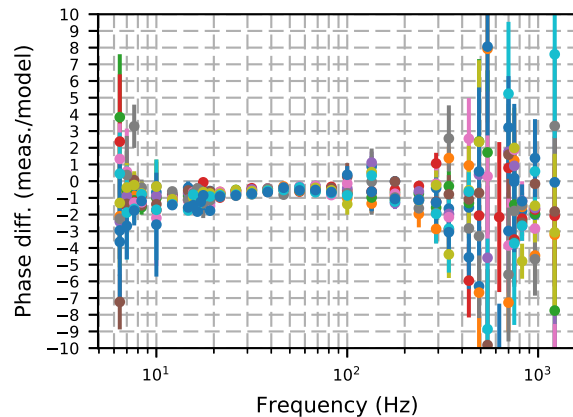
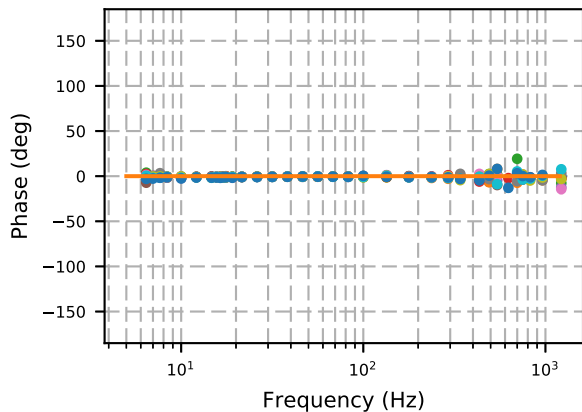
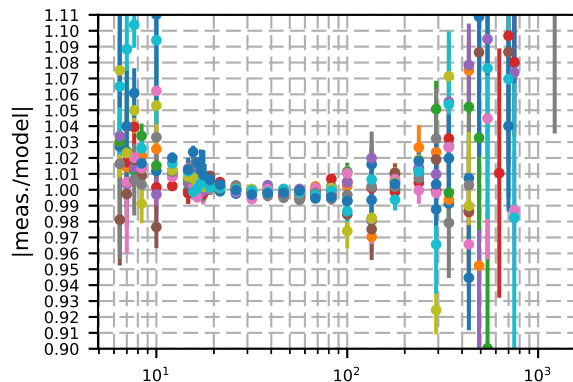
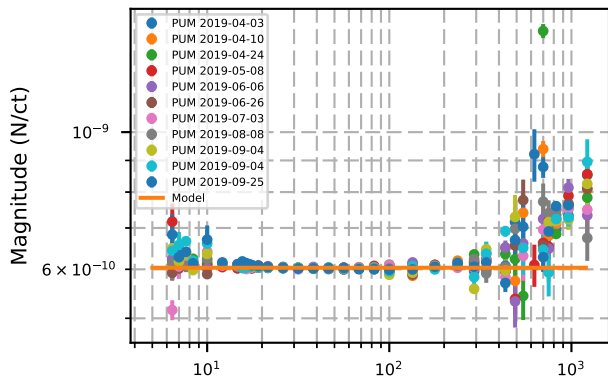
UIM: Posterior kernel $0.316^{**2} * \text{RBF}(\text{length_scale}=1.5) + 0.949^{**2}$



Log-likelihood = 586.267, fit range = 6-50 Hz

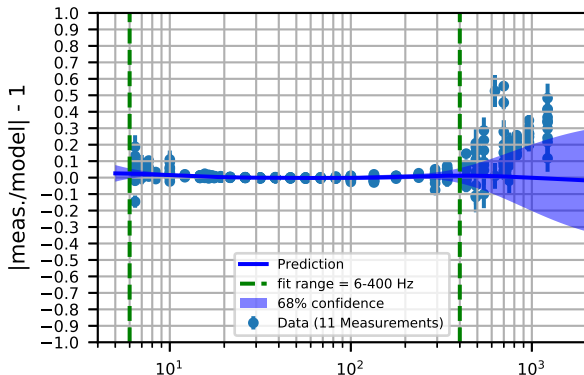


2019-09-25 H1 PUM Actuation Function: Meas./Model Residual (Input to MCMC)

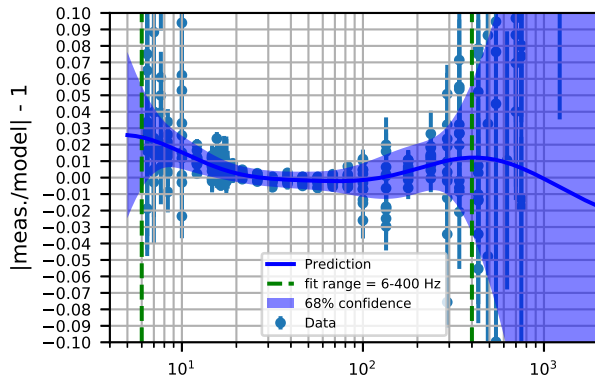
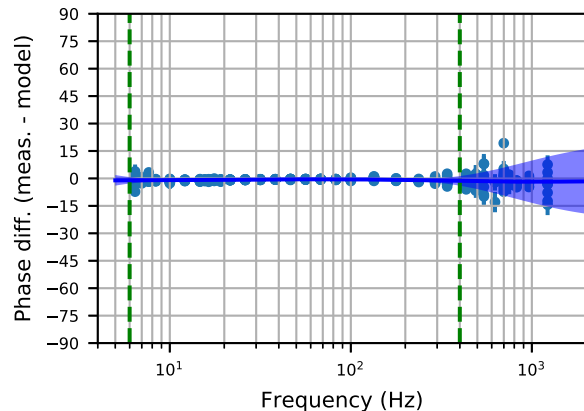


Gaussian Process Regression for Unknown Systematic Error

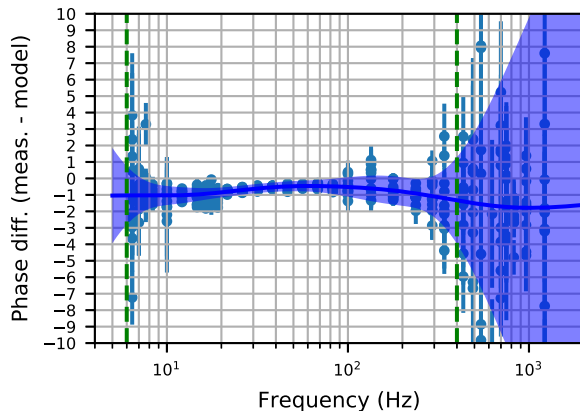
H1, ETMX PUM Actuation Function Measurement Residuals with 2019-04-16 Model



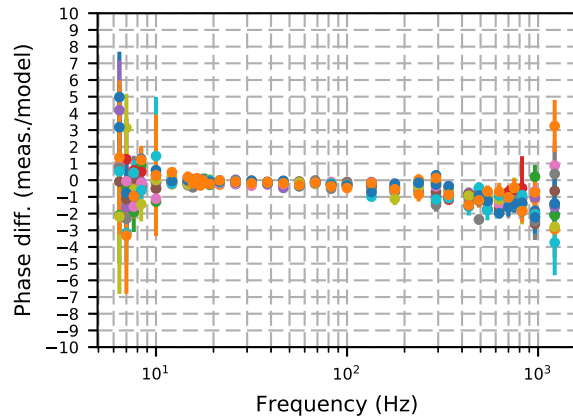
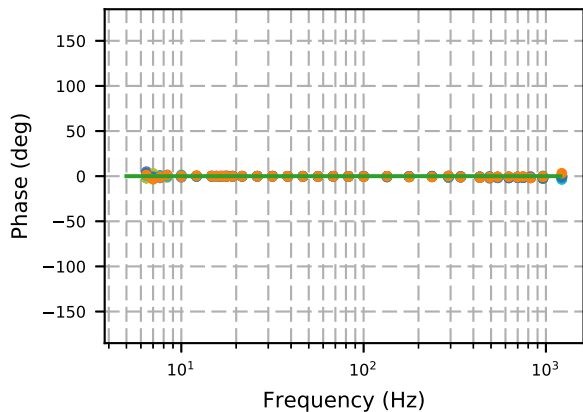
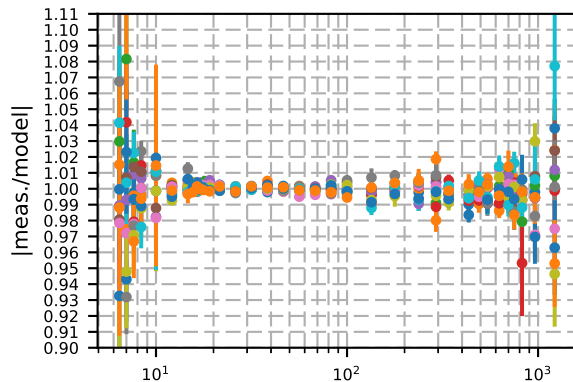
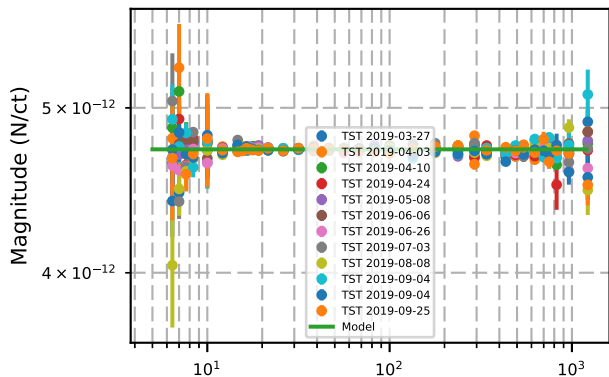
PUM: Posterior kernel $0.316^{**2} * \text{RBF}(\text{length_scale}=0.5) + 0.949^{**2}$



Log-likelihood = 957.870, fit range = 6-400 Hz

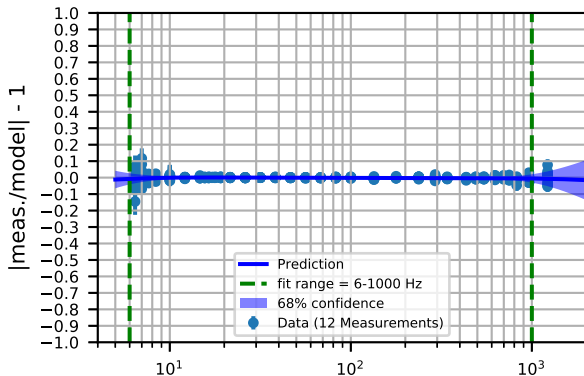


2019-09-25 H1 TST Actuation Function: Meas/Model Residual (Input to MCMC)

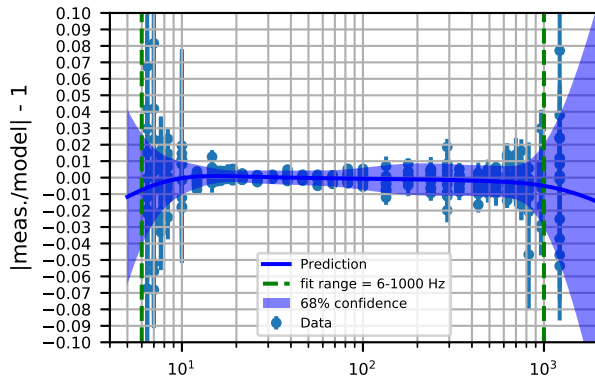
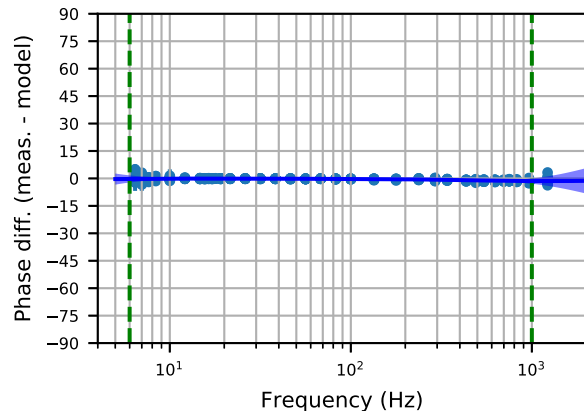


Gaussian Process Regression for Unknown Systematic Error

H1, ETMX TST Actuation Function Measurement Residuals with 2019-04-16 Model



TST: Posterior kernel $0.316**2 * \text{RBF}(\text{length_scale}=0.5) + 0.949**2$



Log-likelihood = 1484.353, fit range = 6-1000 Hz

