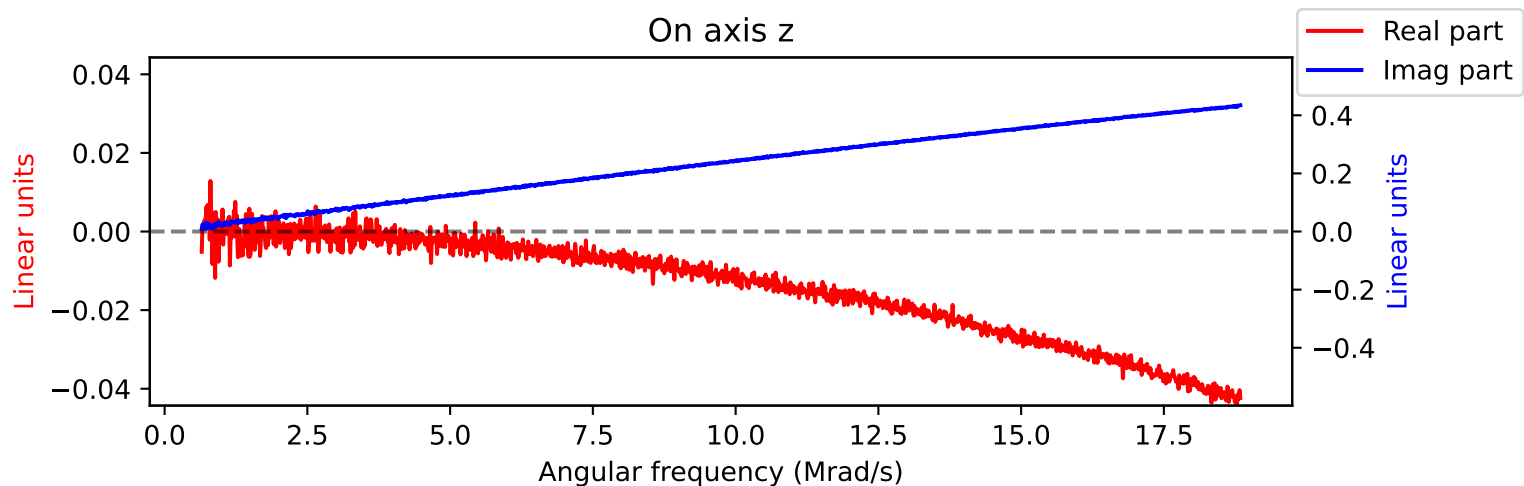
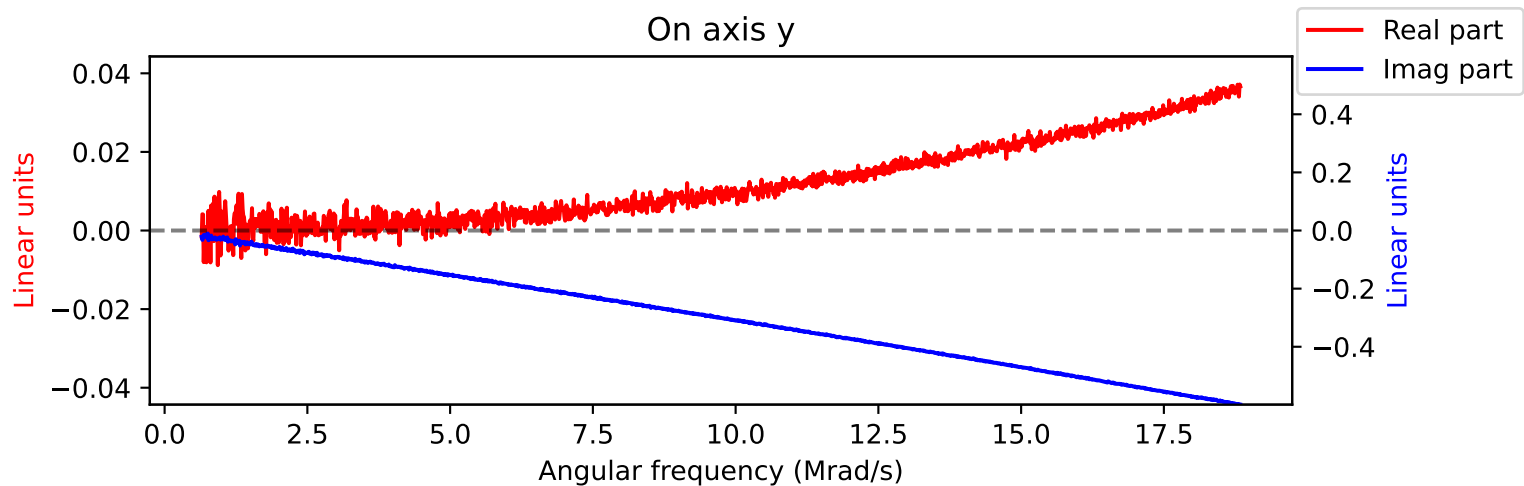
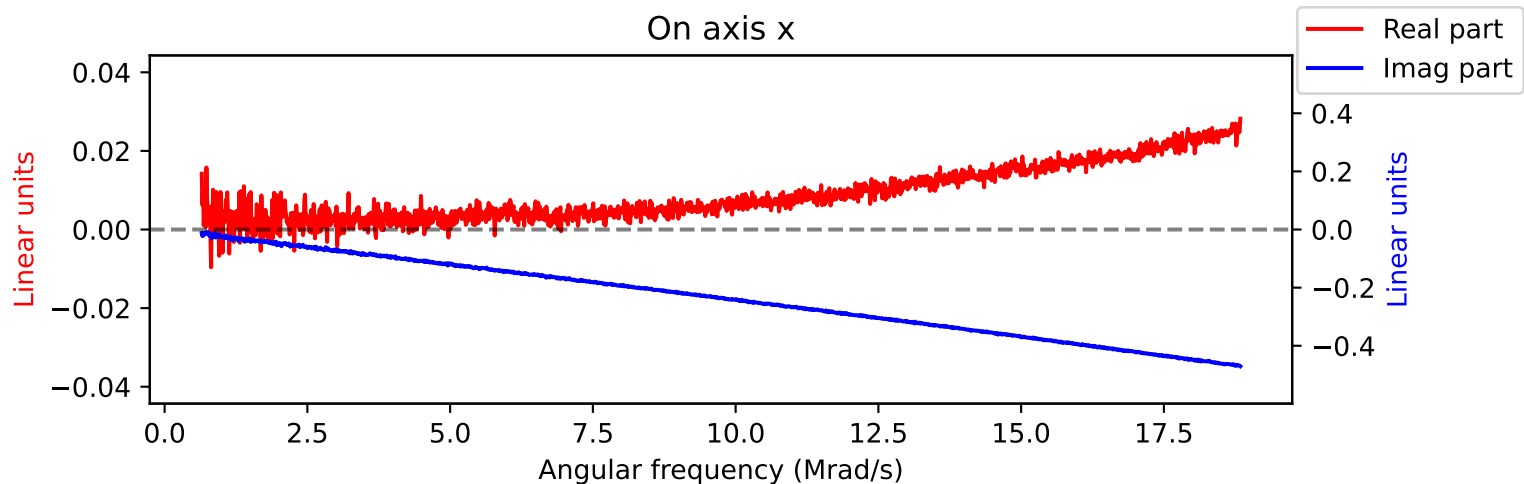


# Calibration data for probe number 2 (05-21)

Calibrated on 16:03:04 05/29/25 PDT



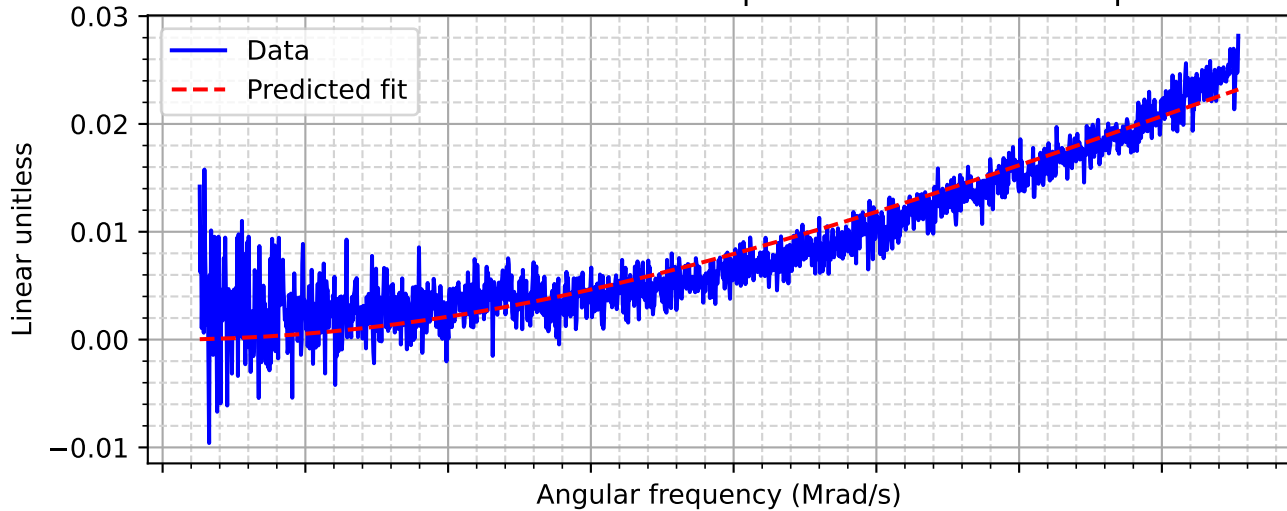
## Fit results for probe on x axis

```

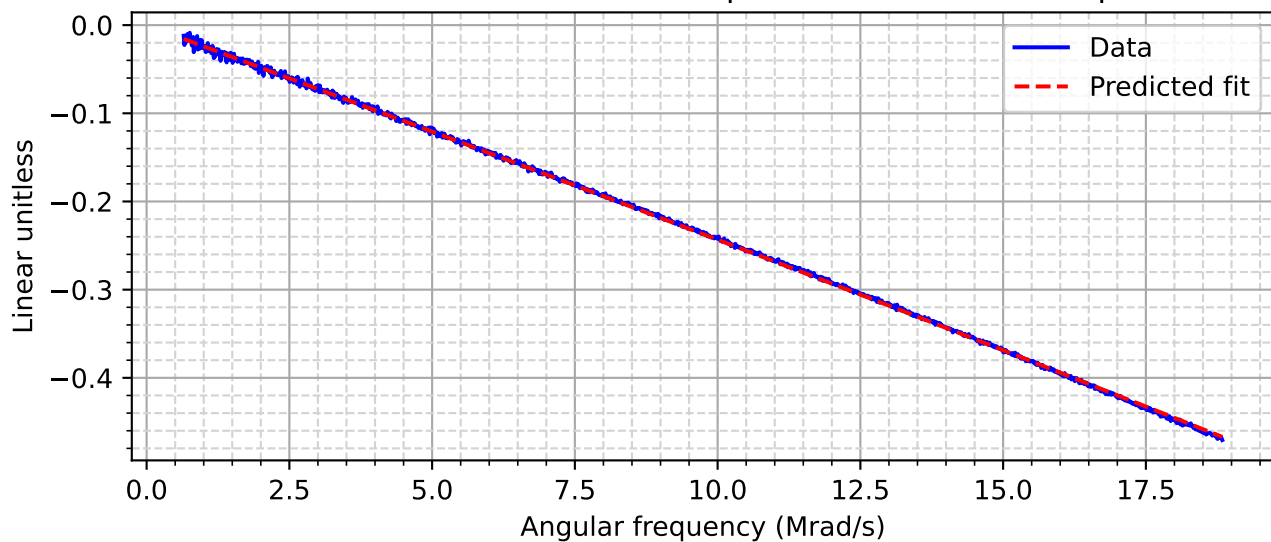
[[Fit Statistics]]
# fitting method   = leastsq
# function evals   = 464
# data points      = 9300
# variables        = 5
chi-square         = 0.16705218
reduced chi-square = 1.7972e-05
Akaike info crit   = -101613.134
Bayesian info crit = -101577.445
[[Variables]]
a_0: -1.5671e-05 +/- 1.7068e-08 (0.11%) (init = 1e-06)
a_1:  2.6891e-06 +/- 6.7787e-09 (0.25%) (init = 1e-06)
a_2: -2.3126e-06 +/- 6.6341e-09 (0.29%) (init = 1e-06)
tau:  3.3925e-08 +/- 1.7155e-09 (5.06%) (init = 1e-08)
tau_s: 3.0325e-08 +/- 1.6454e-09 (5.43%) (init = 1e-08)
[[Correlations]] (unreported correlations are < 0.100)
C(tau, tau_s) = +0.9998
C(a_0, tau)   = +0.9186
C(a_0, tau_s) = +0.9154
C(a_1, tau)   = -0.3969
C(a_1, tau_s) = -0.3955
C(a_0, a_1)   = -0.3750
C(a_2, tau)   = +0.3488
C(a_2, tau_s) = +0.3476
C(a_0, a_2)   = +0.3295
C(a_1, a_2)   = -0.1424

```

Data v. Predicted Fit for Re Component of on axis for x probe



Data v. Predicted Fit for Im Component of on axis for x probe



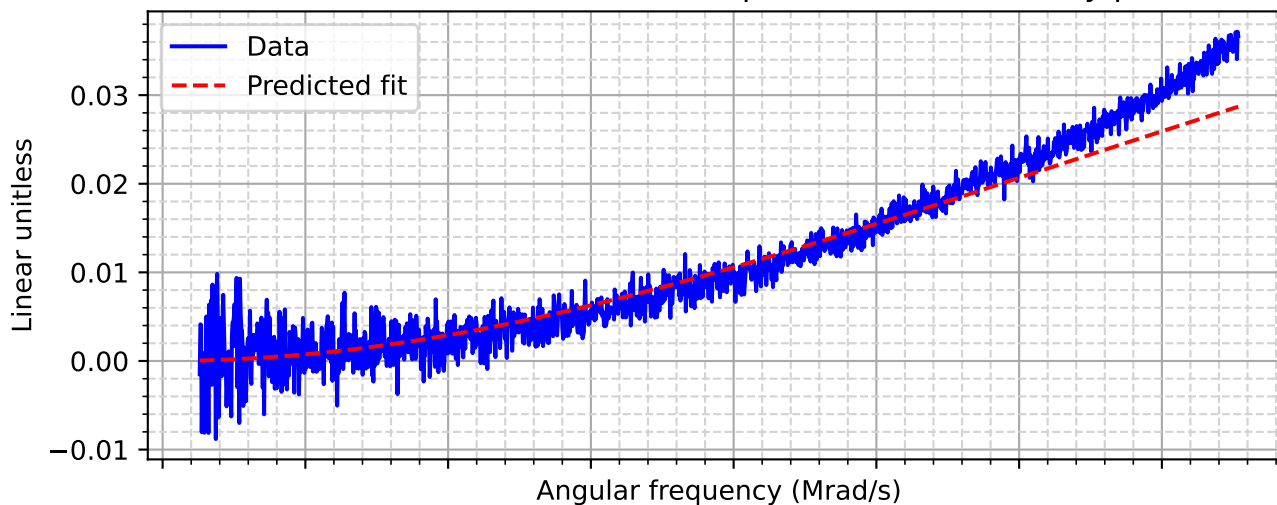
## Fit results for probe on y axis

```

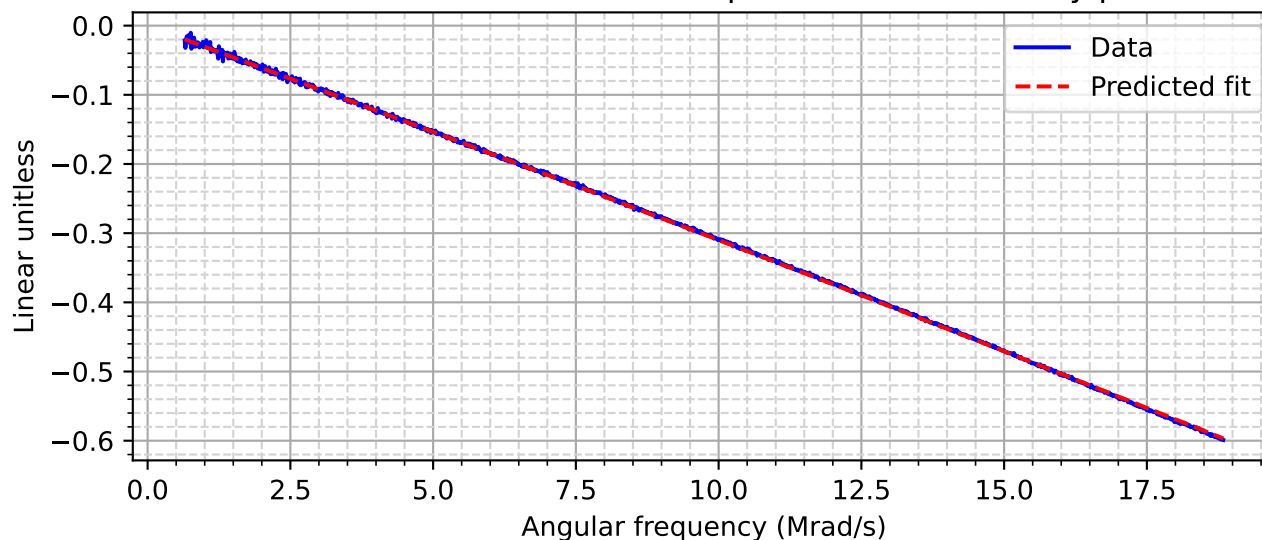
[[Fit Statistics]]
# fitting method = leastsq
# function evals = 387
# data points = 9300
# variables = 5
chi-square = 0.17134154
reduced chi-square = 1.8434e-05
Akaike info crit = -101377.354
Bayesian info crit = -101341.666
[[Variables]]
a_0: -5.2642e-06 +/- 7.6641e-09 (0.15%) (init = 1e-06)
a_1: -1.9916e-05 +/- 1.7868e-08 (0.09%) (init = 1e-06)
a_2: -1.1204e-07 +/- 6.2593e-09 (5.59%) (init = 1e-06)
tau: 4.0953e-08 +/- 1.4375e-09 (3.51%) (init = 1e-08)
tau_s: 3.7026e-08 +/- 1.3676e-09 (3.69%) (init = 1e-08)
[[Correlations]] (unreported correlations are < 0.100)
C(tau, tau_s) = +0.9998
C(a_1, tau) = +0.9193
C(a_1, tau_s) = +0.9155
C(a_0, tau) = +0.5665
C(a_0, tau_s) = +0.5642
C(a_0, a_1) = +0.5406

```

Data v. Predicted Fit for Re Component of on axis for y probe



Data v. Predicted Fit for Im Component of on axis for y probe



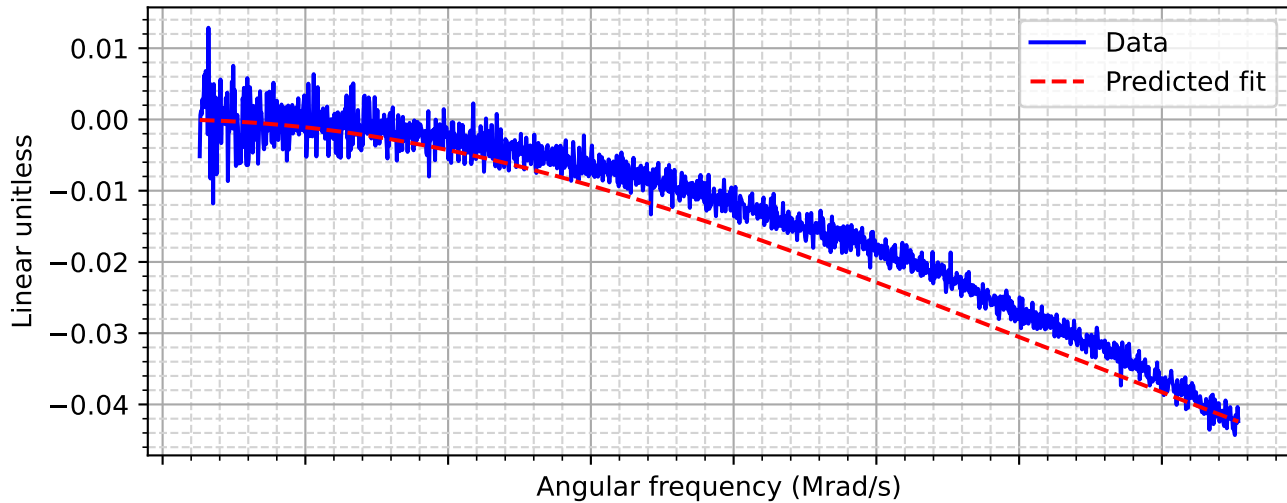
## Fit results for probe on z axis

```

[[Fit Statistics]]
# fitting method = leastsq
# function evals = 387
# data points = 9300
# variables = 5
chi-square = 0.17134154
reduced chi-square = 1.8434e-05
Akaike info crit = -101377.354
Bayesian info crit = -101341.666
[[Variables]]
a_0: -5.2642e-06 +/- 7.6641e-09 (0.15%) (init = 1e-06)
a_1: -1.9916e-05 +/- 1.7868e-08 (0.09%) (init = 1e-06)
a_2: -1.1204e-07 +/- 6.2593e-09 (5.59%) (init = 1e-06)
tau: 4.0953e-08 +/- 1.4375e-09 (3.51%) (init = 1e-08)
tau_s: 3.7026e-08 +/- 1.3676e-09 (3.69%) (init = 1e-08)
[[Correlations]] (unreported correlations are < 0.100)
C(tau, tau_s) = +0.9998
C(a_1, tau) = +0.9193
C(a_1, tau_s) = +0.9155
C(a_0, tau) = +0.5665
C(a_0, tau_s) = +0.5642
C(a_0, a_1) = +0.5406

```

Data v. Predicted Fit for Re Component of on axis for z probe



Data v. Predicted Fit for Im Component of on axis for z probe

