Calibration data for probe number 2 (Probe 2)
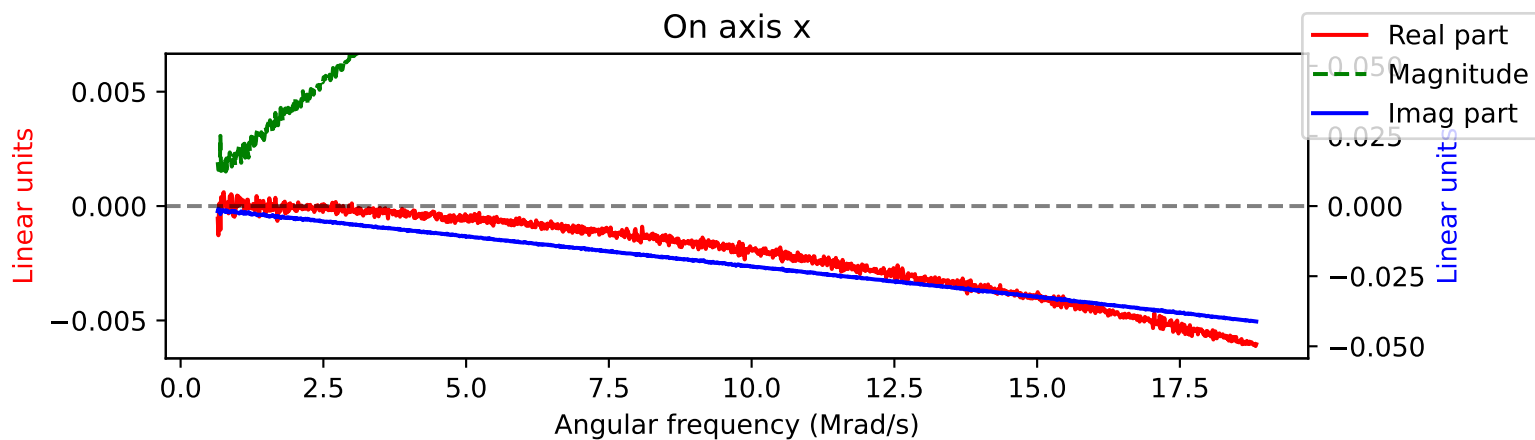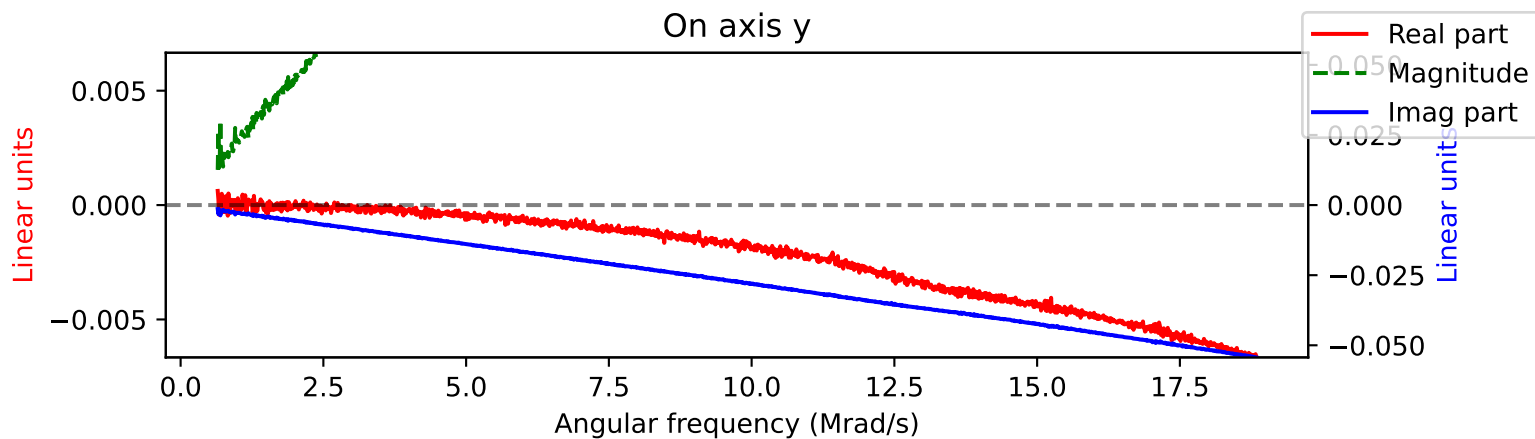
Calibrated on 08:09:43 05/28/25 PDT
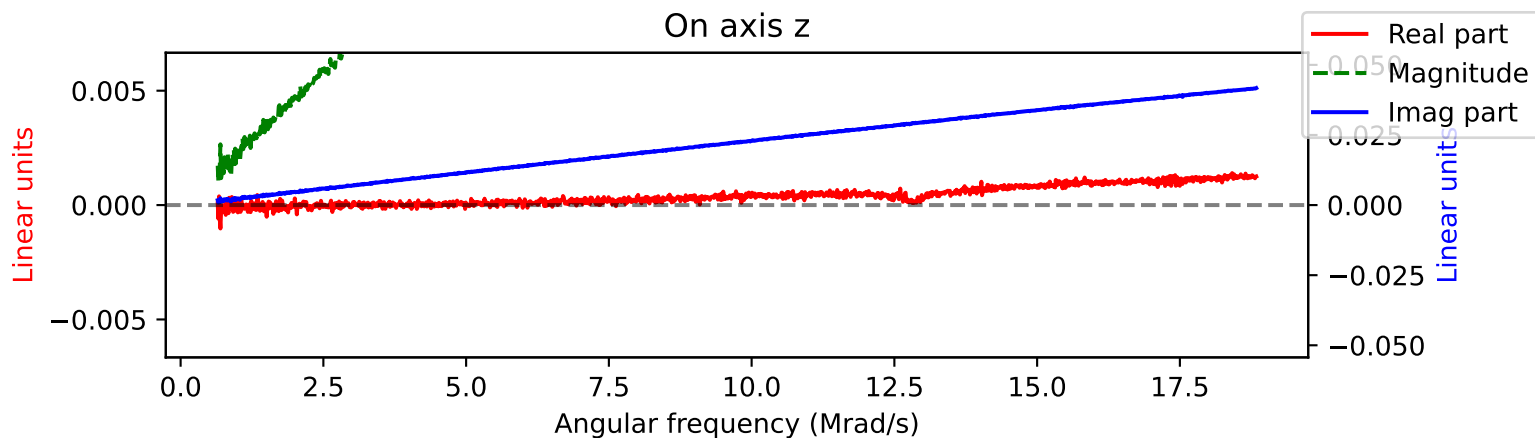

1

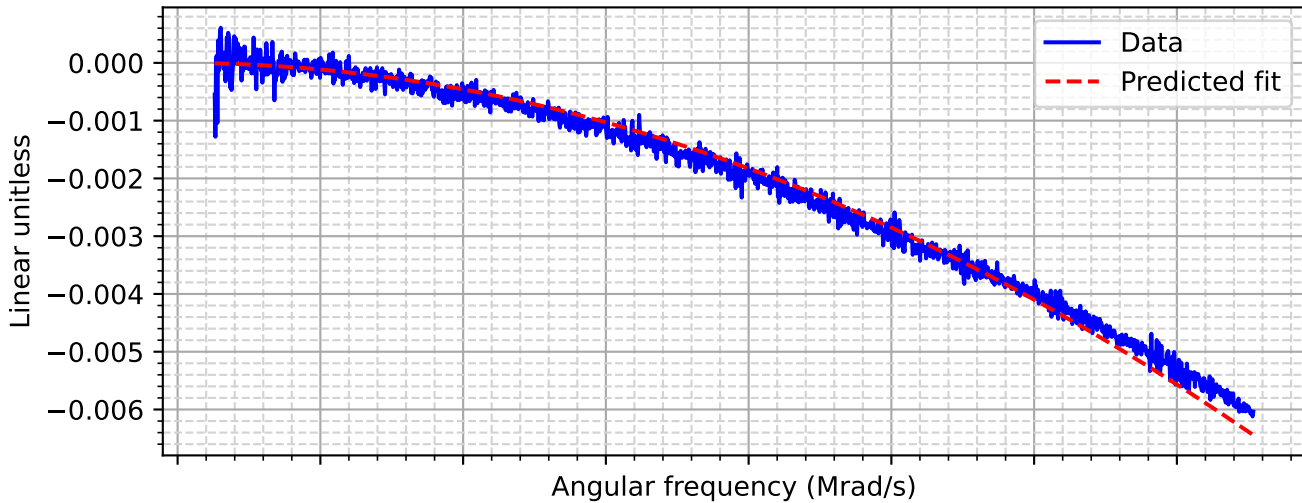# Fit results for probe on x axis
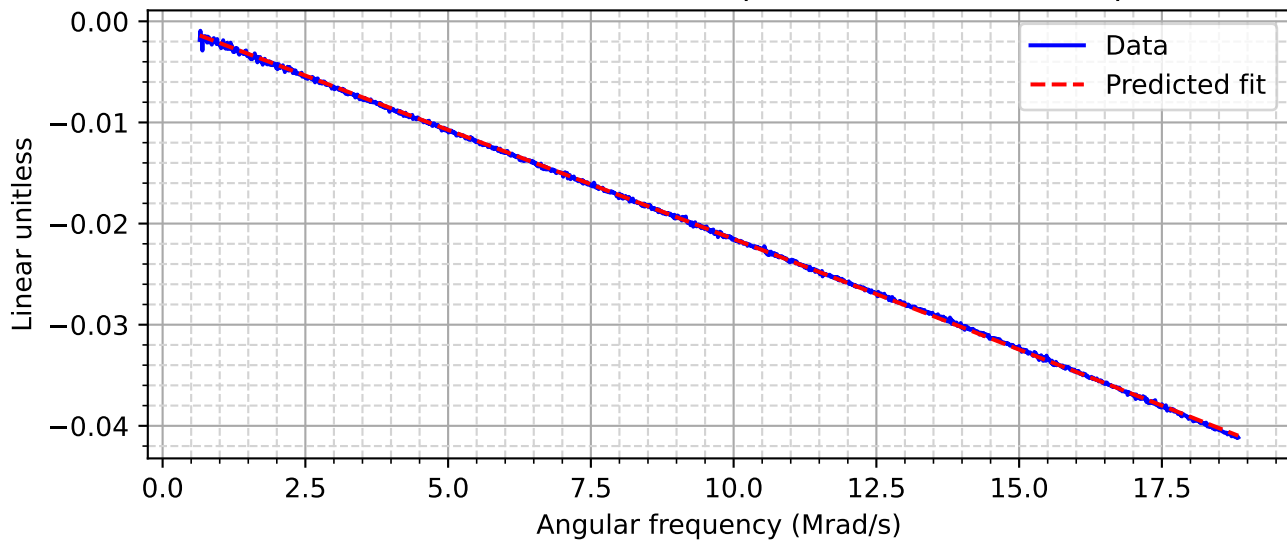
```
[[Fit Statistics]]
    # fitting method   = leastsq
    # function evals   = 353
    # data points      = 9300
    # variables        = 5
    chi-square         = 0.00221885
    reduced chi-square = 2.3871e-07
    Akaike info crit   = -141801.370
    Bayesian info crit = -141765.681
[[Variables]]
    a_0:  -1.3941e-06 +/- 1.7996e-09 (0.13%) (init = 1e-06)
    a_1:   1.7531e-07 +/- 7.4679e-10 (0.43%) (init = 1e-06)
    a_2:  -2.1292e-07 +/- 7.6037e-10 (0.36%) (init = 1e-06)
    tau:  -1.3580e-08 +/- 6.7658e-10 (4.98%) (init = 1e-08)
    tau_s: -5.0321e-09 +/- 6.5255e-10 (12.97%) (init = 1e-08)
[[Correlations]] (unreported correlations are < 0.100)
    C(tau, tau_s) = +0.9986
    C(a_0, tau)   = -0.9167
    C(a_0, tau_s) = -0.9138
    C(a_2, tau)   = -0.3313
    C(a_2, tau_s) = -0.3303
    C(a_0, a_2)   = +0.3040
    C(a_1, tau)   = +0.2778
    C(a_1, tau_s) = +0.2769
    C(a_0, a_1)   = -0.2549
```

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
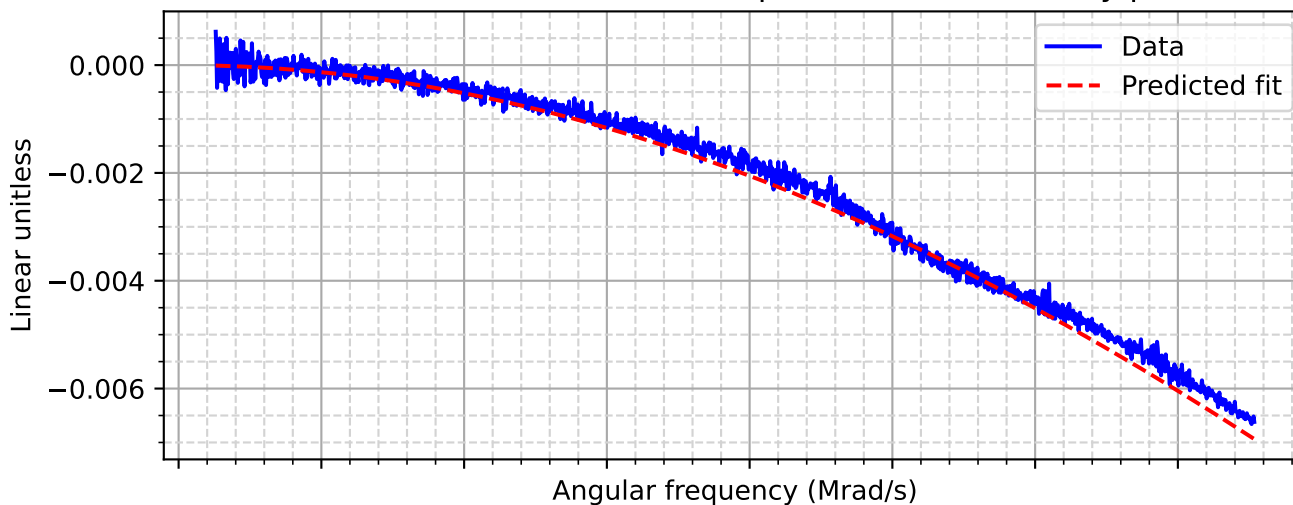
Fit results for probe on y axis
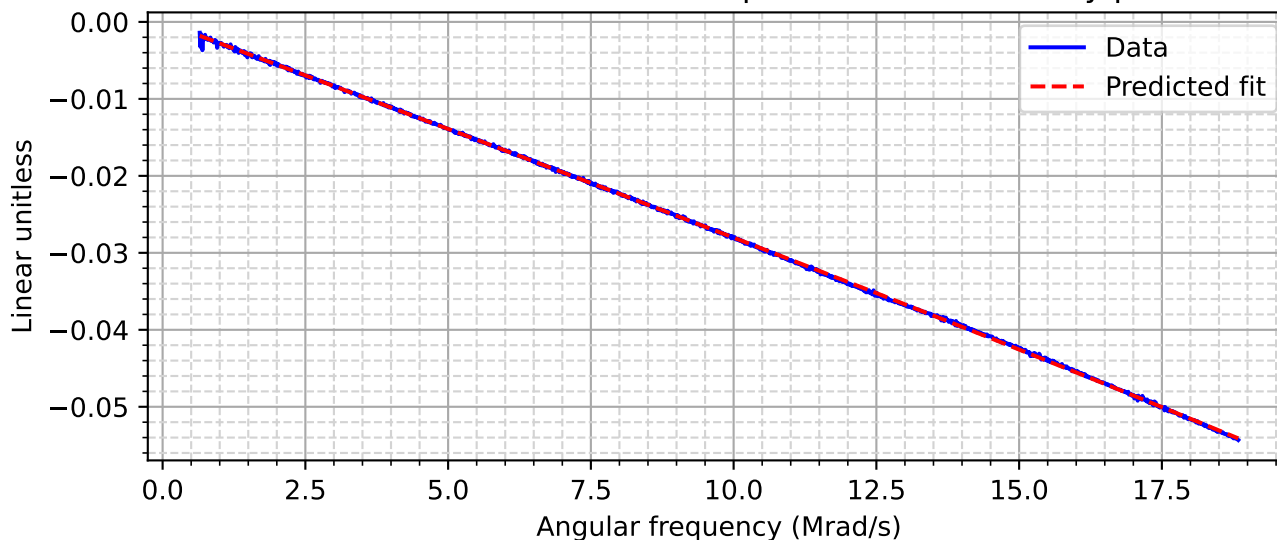
```
[[Fit Statistics]]
    # fitting method   = leastsq
    # function evals   = 353
    # data points      = 9300
    # variables        = 5
    chi-square         = 0.00221885
    reduced chi-square = 2.3871e-07
    Akaike info crit   = -141801.370
    Bayesian info crit = -141765.681
[[Variables]]
    a_0:  -1.3941e-06 +/- 1.7996e-09 (0.13%) (init = 1e-06)
    a_1:   1.7531e-07 +/- 7.4679e-10 (0.43%) (init = 1e-06)
    a_2:  -2.1292e-07 +/- 7.6037e-10 (0.36%) (init = 1e-06)
    tau:  -1.3580e-08 +/- 6.7658e-10 (4.98%) (init = 1e-08)
    tau_s: -5.0321e-09 +/- 6.5255e-10 (12.97%) (init = 1e-08)
[[Correlations]] (unreported correlations are < 0.100)
    C(tau, tau_s) = +0.9986
    C(a_0, tau)   = -0.9167
    C(a_0, tau_s) = -0.9138
    C(a_2, tau)   = -0.3313
    C(a_2, tau_s) = -0.3303
    C(a_0, a_2)   = +0.3040
    C(a_1, tau)   = +0.2778
    C(a_1, tau_s) = +0.2769
    C(a_0, a_1)   = -0.2549
```

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
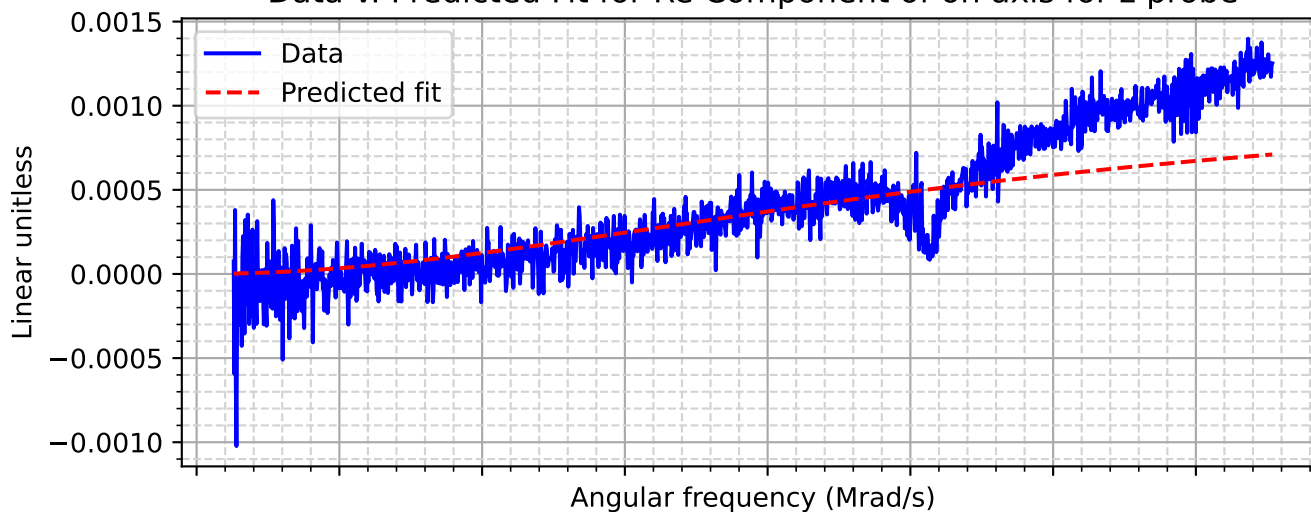
Fit results for probe on z axis

```
[[Fit Statistics]]
    # fitting method   = leastsq
    # function evals   = 353
    # data points      = 9300
    # variables        = 5
    chi-square         = 0.00221885
    reduced chi-square = 2.3871e-07
    Akaike info crit   = -141801.370
    Bayesian info crit = -141765.681
[[Variables]]
    a_0:  -1.3941e-06 +/- 1.7996e-09 (0.13%) (init = 1e-06)
    a_1:   1.7531e-07 +/- 7.4679e-10 (0.43%) (init = 1e-06)
    a_2:  -2.1292e-07 +/- 7.6037e-10 (0.36%) (init = 1e-06)
    tau:  -1.3580e-08 +/- 6.7658e-10 (4.98%) (init = 1e-08)
    tau_s: -5.0321e-09 +/- 6.5255e-10 (12.97%) (init = 1e-08)
[[Correlations]] (unreported correlations are < 0.100)
    C(tau, tau_s) = +0.9986
    C(a_0, tau)   = -0.9167
    C(a_0, tau_s) = -0.9138
    C(a_2, tau)   = -0.3313
    C(a_2, tau_s) = -0.3303
    C(a_0, a_2)   = +0.3040
    C(a_1, tau)   = +0.2778
    C(a_1, tau_s) = +0.2769
    C(a_0, a_1)   = -0.2549
```


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