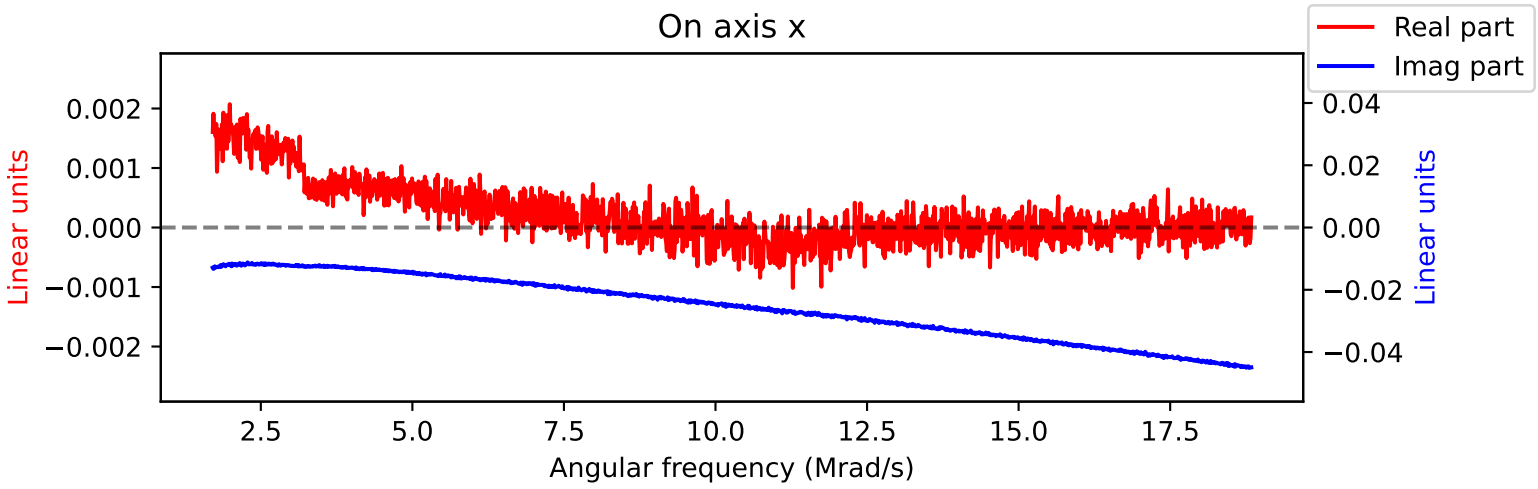
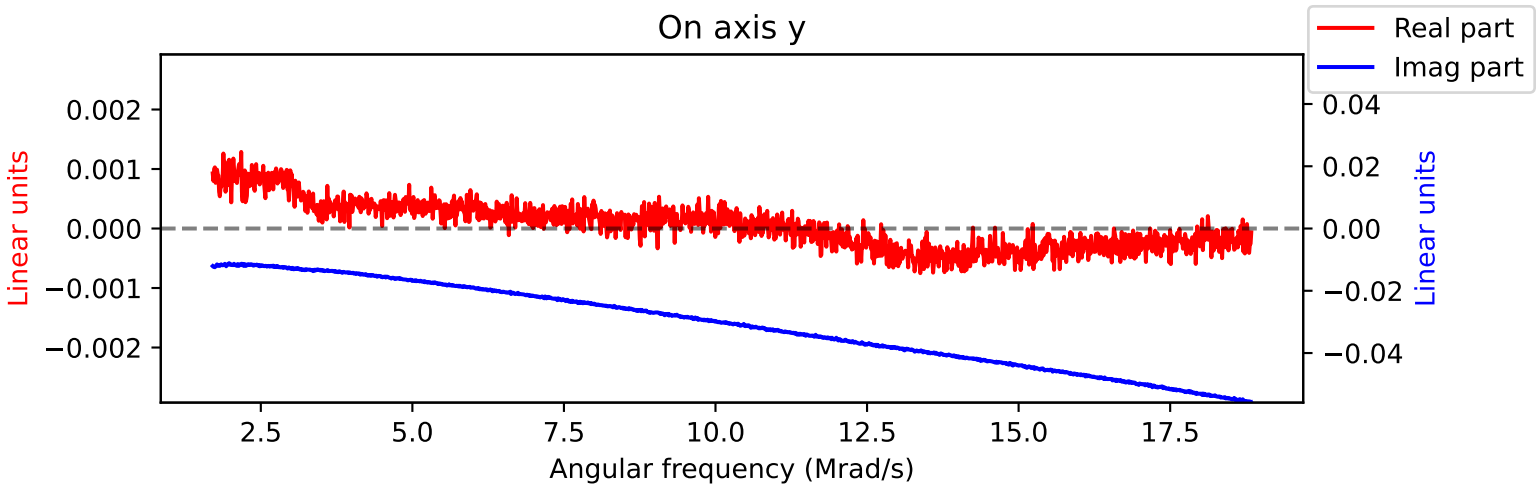
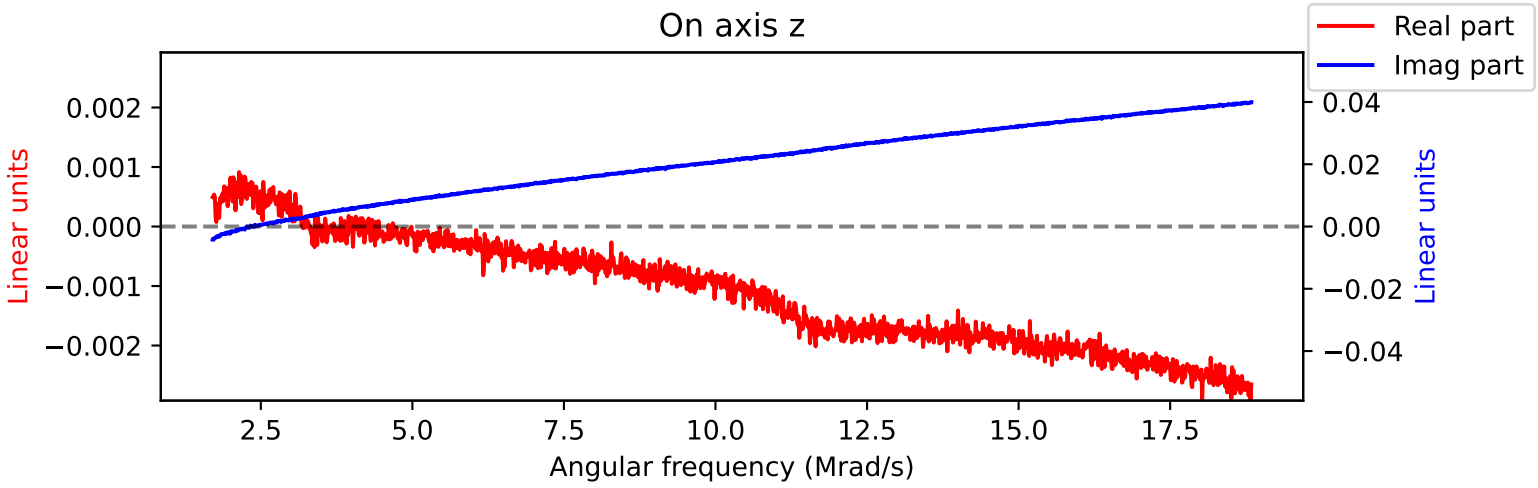
# Calibration data for probe number 2 (05-23)

Calibrated on 16:02:47 05/29/25 PDT

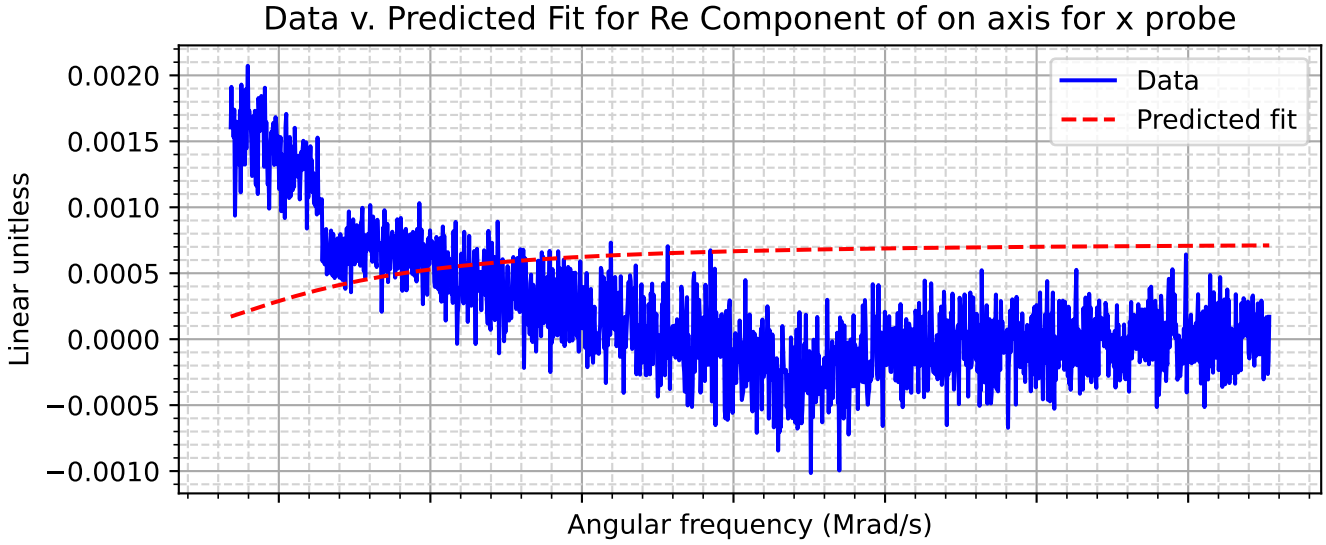


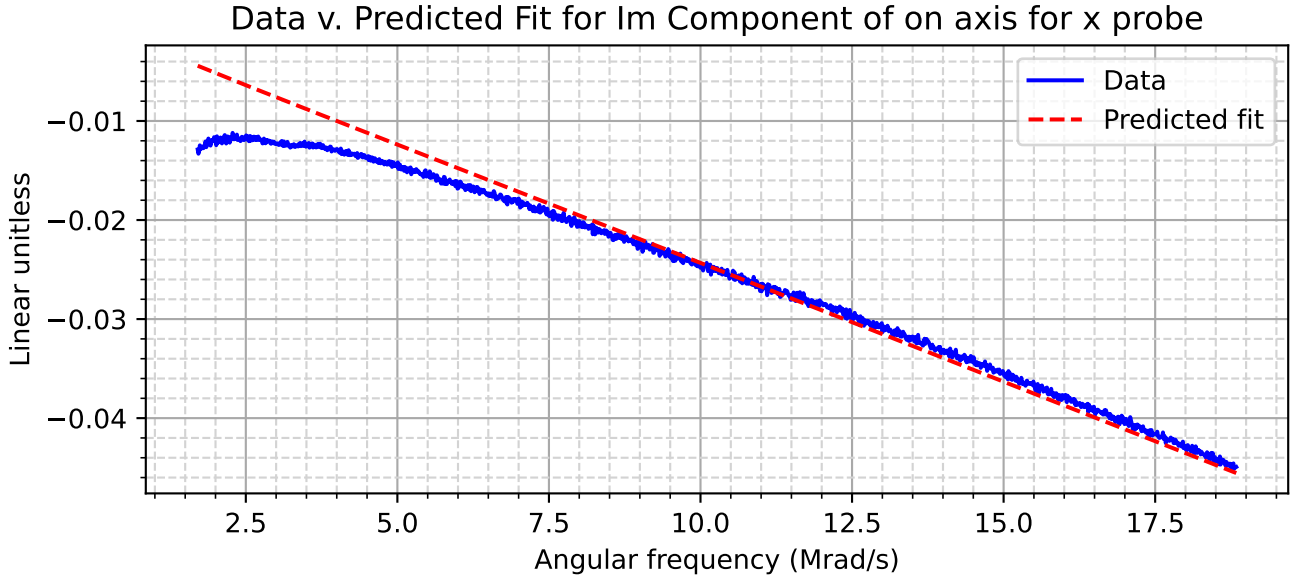



## Fit results for probe on x axis

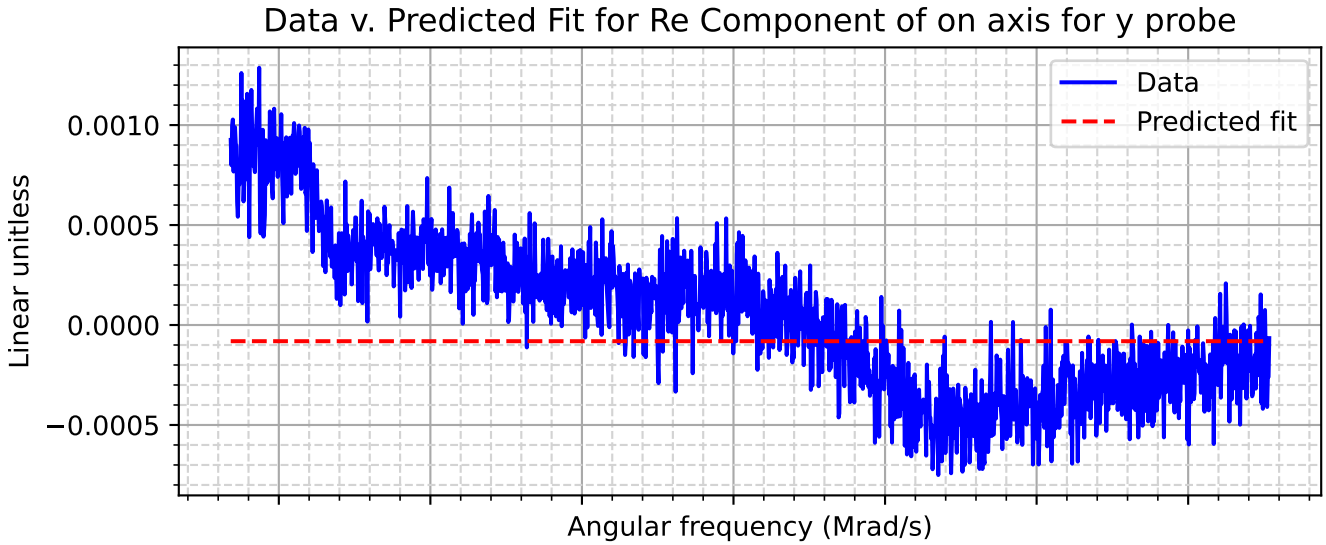
```
[[Fit Statistics]]
    # fitting method   = leastsq
    # function evals   = 214
    # data points      = 8760
    # variables        = 5
    chi-square         = 0.01795890
    reduced chi-square = 2.0513e-06
    Akaike info crit   = -114725.158
    Bayesian info crit = -114689.768
[[Variables]]
    a_0:   -1.7229e-06 +/- 3.1212e-08 (1.81%) (init = 1e-06)
    a_1:    1.7411e-07 +/- 3.9167e-09 (2.25%) (init = 1e-06)
    a_2:   -3.7238e-07 +/- 7.1205e-09 (1.91%) (init = 1e-06)
    tau:   -2.9529e-07 +/- 6.1123e-08 (20.70%) (init = 1e-08)
    tau_s: -3.2429e-07 +/- 7.2355e-08 (22.31%) (init = 1e-08)
[[Correlations]] (unreported correlations are < 0.100)
    C(tau, tau_s) = +0.9997
    C(a_0, tau_s) = +0.9629
    C(a_0, tau)   = +0.9563
    C(a_0, a_2)   = +0.9421
    C(a_2, tau_s) = +0.9122
    C(a_2, tau)   = +0.9060
    C(a_0, a_1)   = -0.8008
    C(a_1, tau_s) = -0.7754
    C(a_1, tau)   = -0.7701
    C(a_1, a_2)   = -0.7587
```

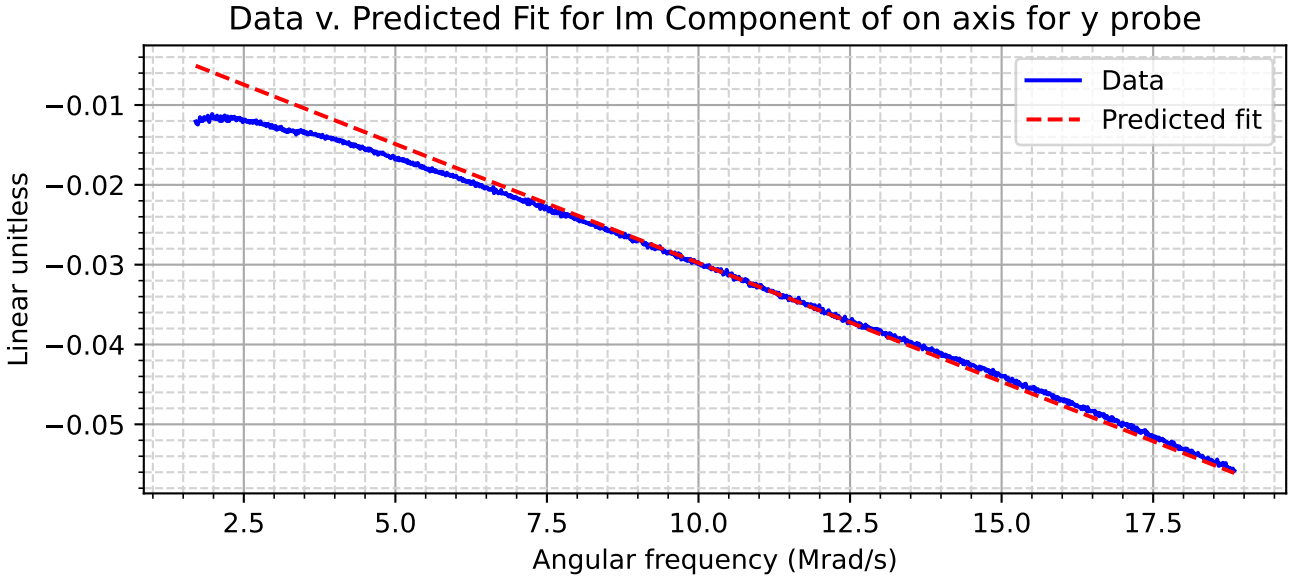


## Fit results for probe on y axis

```
[[Fit Statistics]]
    # fitting method   = leastsq
    # function evals   = 5041
    # data points      = 8760
    # variables        = 5
    chi-square         = 0.01743440
    reduced chi-square = 1.9914e-06
    Akaike info crit   = -114984.809
    Bayesian info crit = -114949.419
[[Variables]]
    a_0:   -2.7342e-08 +/- 5.4333e-05 (198712.59%) (init = 1e-06)
    a_1:   -9.2771e-08 +/- 1.8435e-04 (198712.59%) (init = 1e-06)
    a_2:   -1.4958e-09 +/- 2.9722e-06 (198712.58%) (init = 1e-06)
    tau:   -7.3148e-04 +/- 1.52240138 (208127.35%) (init = 1e-08)
    tau_s: -3.5023e-05 +/- 0.00349974 (9992.80%) (init = 1e-08)
[[Correlations]] (unreported correlations are < 0.100)
    C(a_0, a_1)   = +1.0000
    C(a_1, a_2)   = +1.0000
    C(a_0, a_2)   = +1.0000
    C(a_1, tau)   = -1.0000
    C(a_0, tau)   = -1.0000
    C(a_2, tau)   = -1.0000
    C(tau, tau_s) = +1.0000
    C(a_1, tau_s) = -1.0000
    C(a_0, tau_s) = -1.0000
    C(a_2, tau_s) = -1.0000
```



Fit results for probe on z axis

[[Fit Statistics]]
    # fitting method   = leastsq
    # function evals   = 5041
    # data points      = 8760
    # variables        = 5
    chi-square         = 0.01743440
    reduced chi-square = 1.9914e-06
    Akaike info crit   = -114984.809
    Bayesian info crit = -114949.419
[[Variables]]
    a_0:   -2.7342e-08 +/- 5.4333e-05 (198712.59%) (init = 1e-06)
    a_1:   -9.2771e-08 +/- 1.8435e-04 (198712.59%) (init = 1e-06)
    a_2:   -1.4958e-09 +/- 2.9722e-06 (198712.58%) (init = 1e-06)
    tau:   -7.3148e-04 +/- 1.52240138 (208127.35%) (init = 1e-08)
    tau_s: -3.5023e-05 +/- 0.00349974 (9992.80%) (init = 1e-08)
[[Correlations]] (unreported correlations are < 0.100)
    C(a_0, a_1)   = +1.0000
    C(a_1, a_2)   = +1.0000
    C(a_0, a_2)   = +1.0000
    C(a_1, tau)   = -1.0000
    C(a_0, tau)   = -1.0000
    C(a_2, tau)   = -1.0000
    C(tau, tau_s) = +1.0000
    C(a_1, tau_s) = -1.0000
    C(a_0, tau_s) = -1.0000
    C(a_2, tau_s) = -1.0000