

## $\mu$ -gravity Controls Testing

- ▶ Bode analysis of cube dynamics in “space-like” free-fall environment
- ▶ *Portland State University's* Dryden Drop Tower facility can access a  $1 \times 10^{-5}$  to  $10^{-6}$ -g environment for 2.1 s
- ▶ Cube damps roll following a random (25% duty cycle PWM) perturbing impulse



**Figure:** *Portland State University's* Dryden Drop Tower (Credit: Andrew Wollman)