

OPTIQUIVER APP NOTE: ROTATING WEDGE

- Test:

- Determine accuracy of OptiQuiver by measuring the beam deviation as light refracts through a rotating wedge.
- The wedge steers the beam 2° , which will trace a cone when rotated with a 4° full angle
- The measured tilt should trace a circle with a radius equal to the wedge beam deviation

- Result:

- **Very high resolution tilt measurement, even with 4° of beam deviation**
- Tilt Error Standard Deviation = 0.00008 degrees ($1.4 \mu\text{rad}$)

