

OPTIQUIVER APP NOTE: BEARING WOBBLE

- **Test:**
 - Determine the “wobble” of a bearing by measuring the light reflected by a mirror that is rotating on the bearing
 - The measured angle of the reflected light should trace a circle if the bearing is perfect. Any repeatable deviation from a circle is due to the wobble of the bearing.
- **Result:**
 - **Simple test for high resolution wobble characterization**
 - Wobble Magnitude = +/-0.0005 degrees (9 microradians)
 - Random Noise = ~0.0001 degrees (1.8 microradians)

