**Report Title:**

Initial testing and validation of the fourth wet test fixture with python GUI

**Contributions:**

Testing, Isaiah Baker

Report preparation, Isaiah Baker

**Client:**

Profound Medical Inc, 2400 Skymark Ave #6, Mississauga, ON L4W 5K5, Canada

**Date:**

July 7th, 2022

**Executive Summary:**

The fourth wet test fixture with python GUI has high frequency efficiency results that are repeatable within a tolerance of +/- 0.41 percent, low frequency efficiency results that are repeatable within a tolerance of 0.71 percent, element X position measurements that are fully repeatable at a 0.4 mm resolution, and element Theta position measurements that are fully repeatable at a 0.4 mm resolution.

When compared with the stored calibration data from previous wet test fixture(s), the P value of a two-tailed, paired, student’s T test between all elements is

**Blocked UA Test (Control)**

**Single Element Repeatability Test**

**Comparison With Previous Wet Test Fixtures**