

# OpenFringe Report

## Default

Wed Aug 19 23:18:23 2015

Wavefront error in Waves at 550nm RMS: 0.113 Strehl: 0.615

Best Conic=-0.971 Desired Conic: -1.00

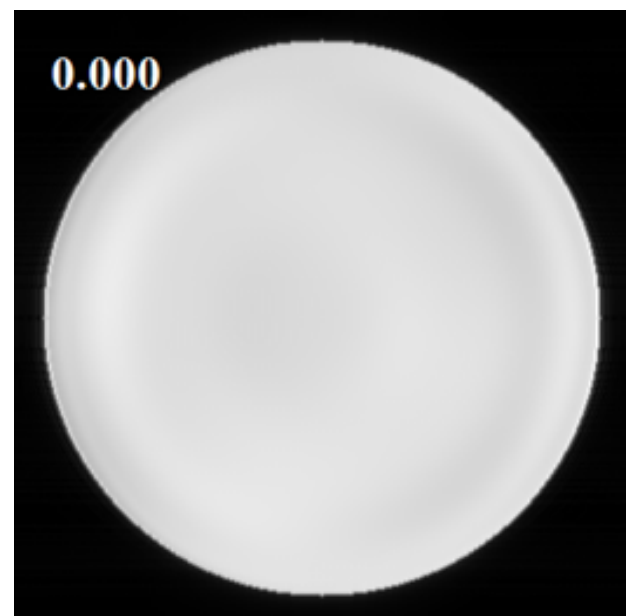
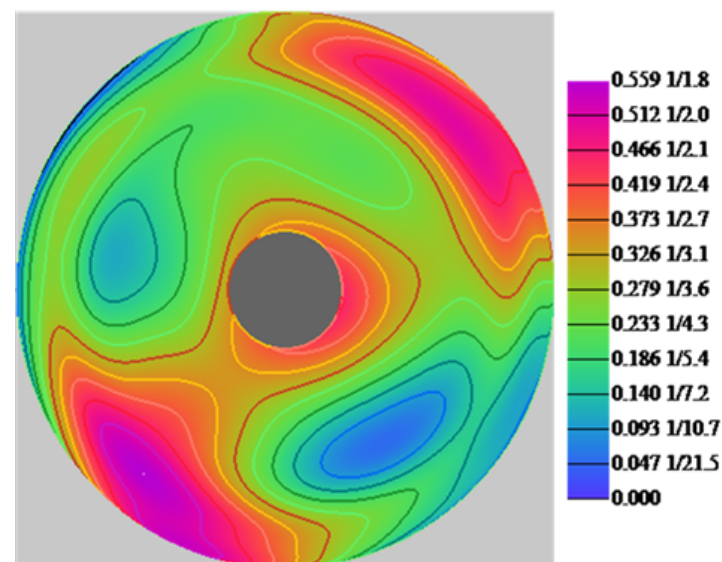
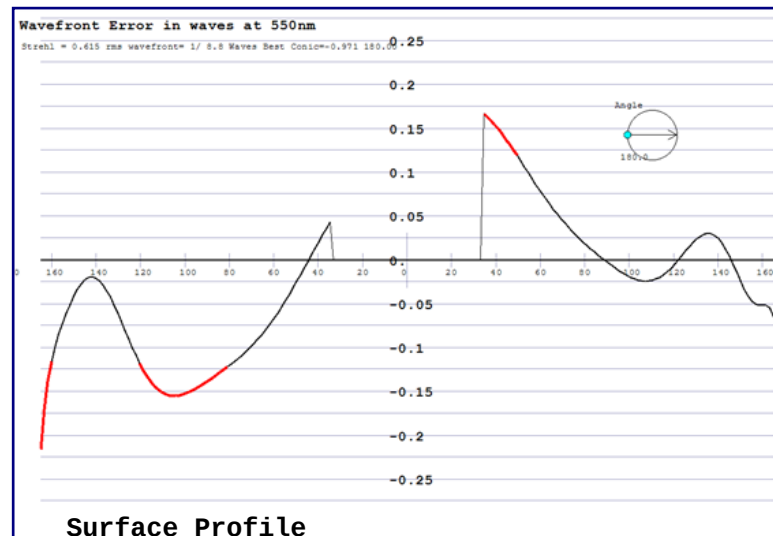
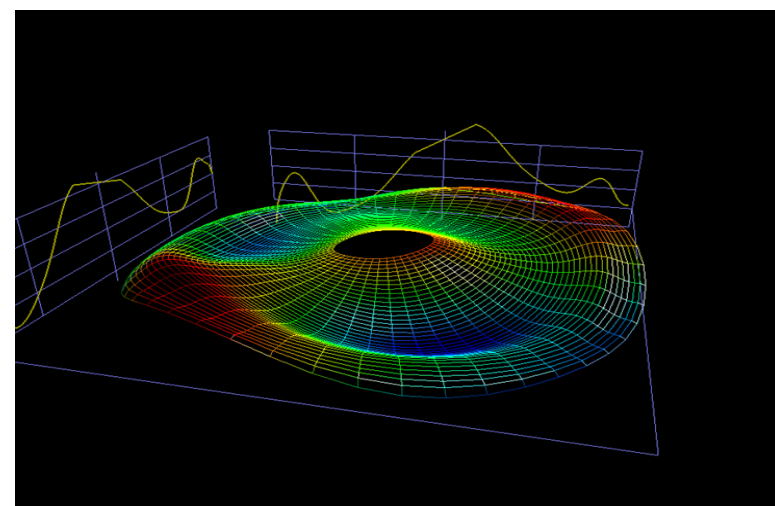
Artificial Null: 2.050

Igram Wavelength: 532.0nm

Diameter: 330.00 mm

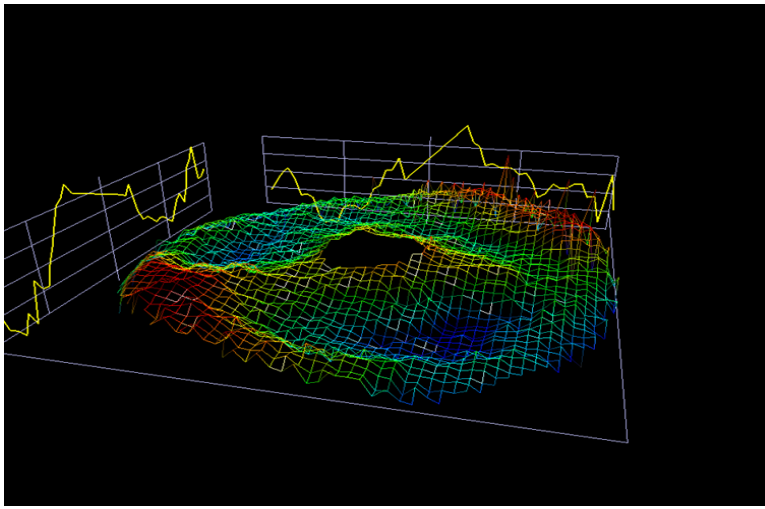
ROC 3048.00 mm

|             | Wyant  | RMS   |          |               |              |
|-------------|--------|-------|----------|---------------|--------------|
| Piston      | 0.000  | 0.000 | Disabled | Y 2nd Astig   | -0.033 0.010 |
| X Tilt      | 0.000  | 0.000 | Disabled | X 2nd Coma    | 0.054 0.015  |
| Y Tilt      | 0.000  | 0.000 | Disabled | Y 2nd Coma    | -0.034 0.009 |
| Defocus     | 6.379  | 3.563 | Disabled | 2nd Spherical | -0.126 0.046 |
| X Astig     | -0.048 | 0.019 |          | X Tetrafoil   | -0.023 0.007 |
| Y Astig     | 0.215  | 0.085 |          | Y Tetrafoil   | -0.020 0.006 |
| X Coma      | -0.392 | 0.134 | Disabled | 2nd X Trefoil | -0.072 0.020 |
| Y Coma      | -0.063 | 0.022 | Disabled | 2nd Y Trefoil | 0.034 0.009  |
| Spherical   | 0.060  | 0.026 |          | 3rd X Astig   | -0.003 0.001 |
| X Trefoil   | 0.056  | 0.019 |          | 3rd Y Astig   | -0.026 0.007 |
| Y Trefoil   | 0.035  | 0.012 |          | 3rd X Coma    | -0.019 0.005 |
| X 2nd Astig | -0.033 | 0.010 |          | 3rd Y Coma    | 0.008 0.002  |

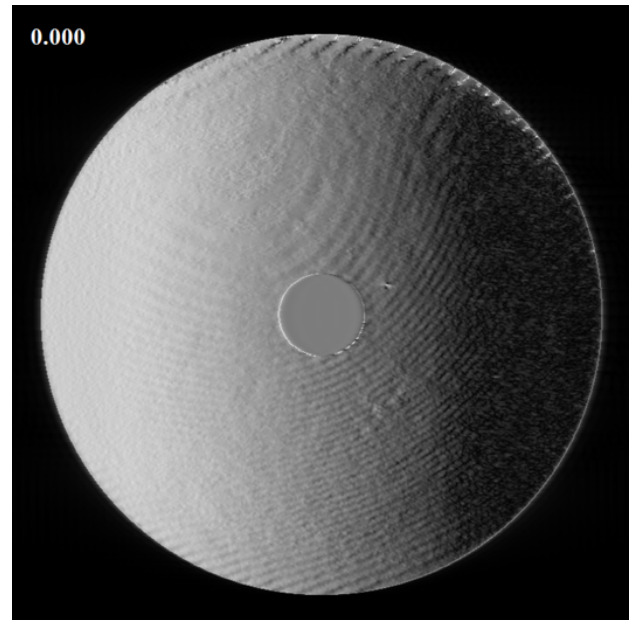
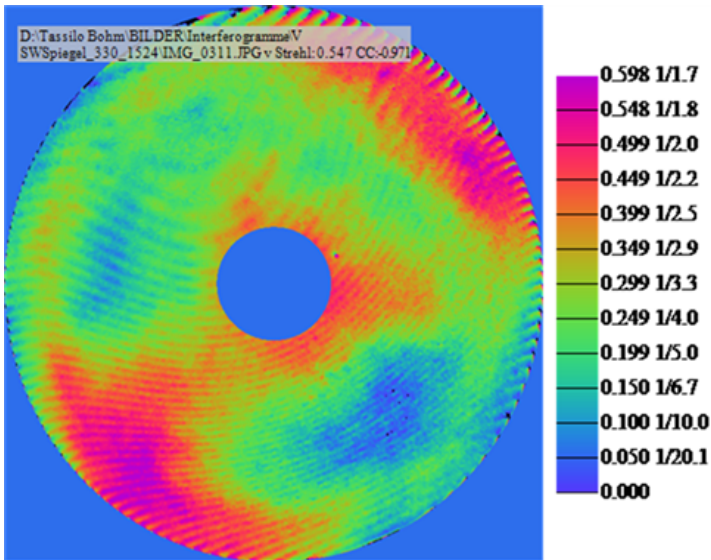


Simulated Auto Collimation Foucault.

# FFT Based WaveFront Analysis



Surface Profile



Simulated Auto Collimation Foucault.

# Simulated Start Test

