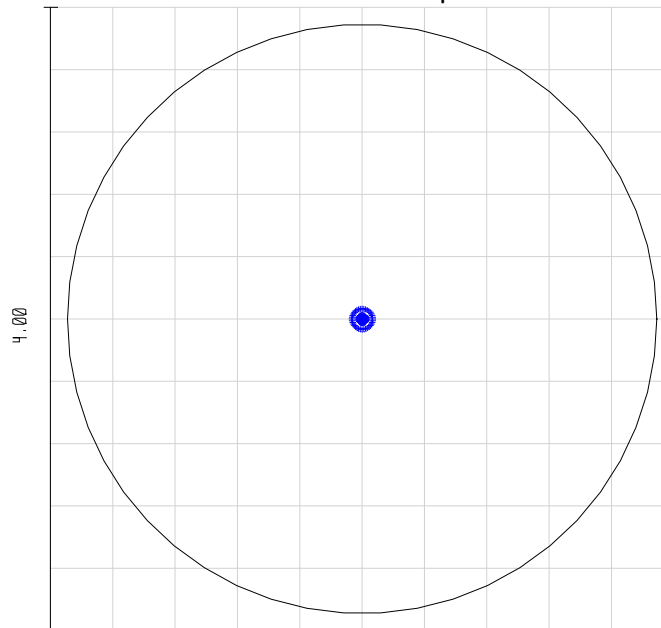


Spot Diagrams for Laser Quality Molded Glass Aspheric Lens 352710

Note: Black circle on plots indicates Airy Disk.

At Design Wavelength 1550 nm

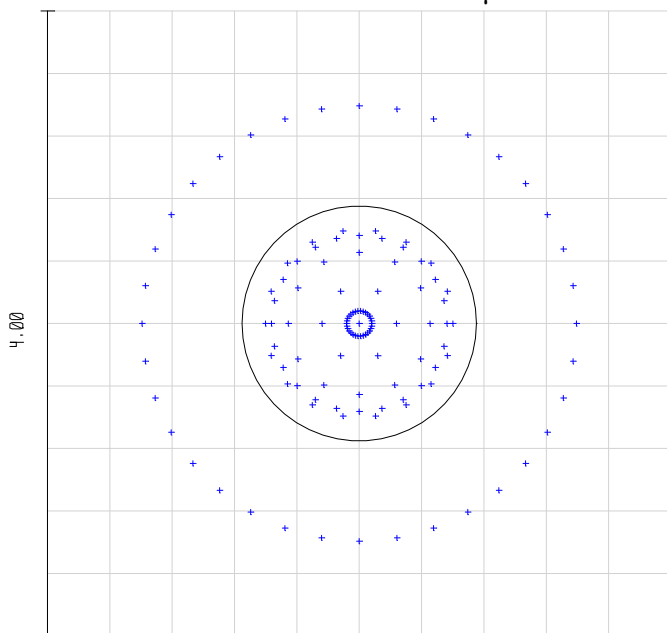
RMS Radius = 0.04 μm



Spot Diagrams for A-Coated Lens (352710-A)

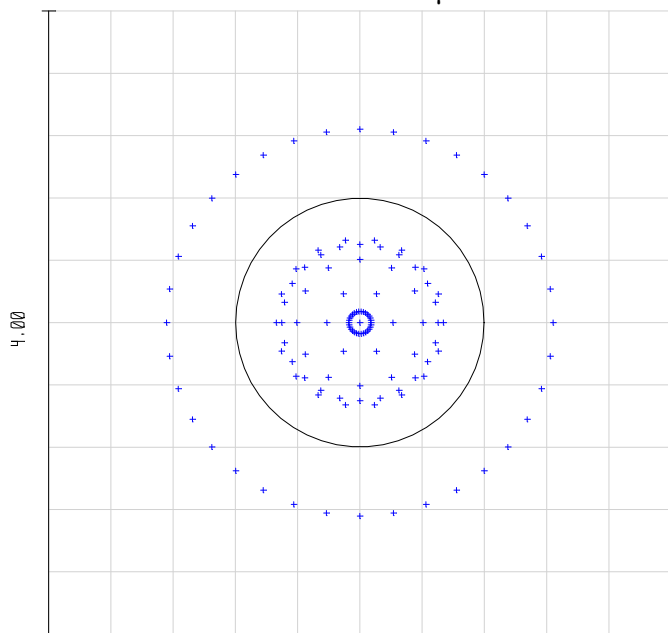
633 nm

RMS Radius = 0.83 μm



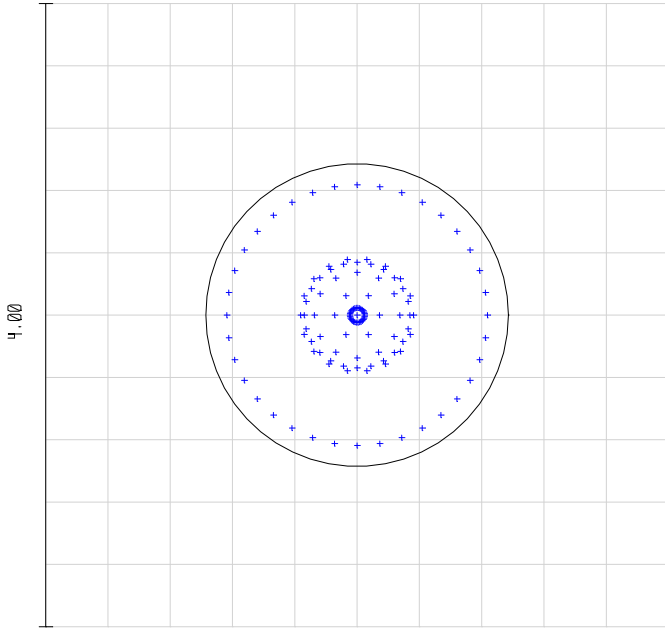
670 nm

RMS Radius = 0.74 μm

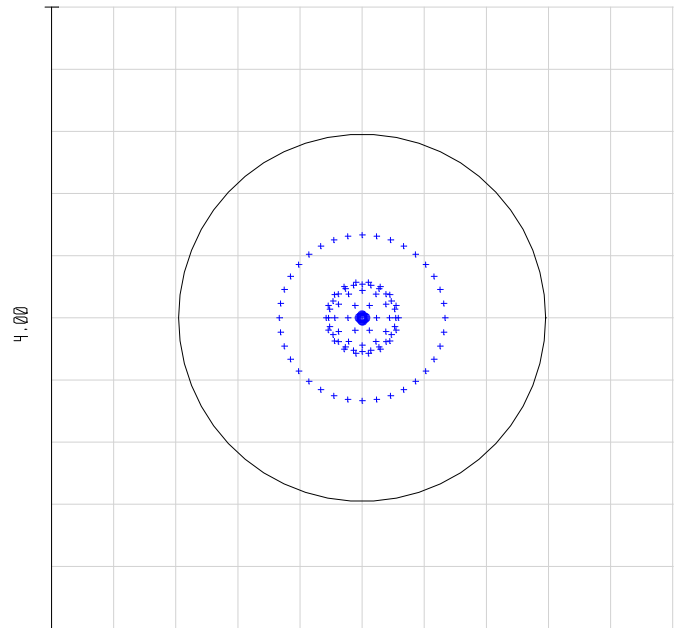


Spot Diagrams for B-Coated Lens (352710-B)

780 nm
RMS Radius = 0.50 μm

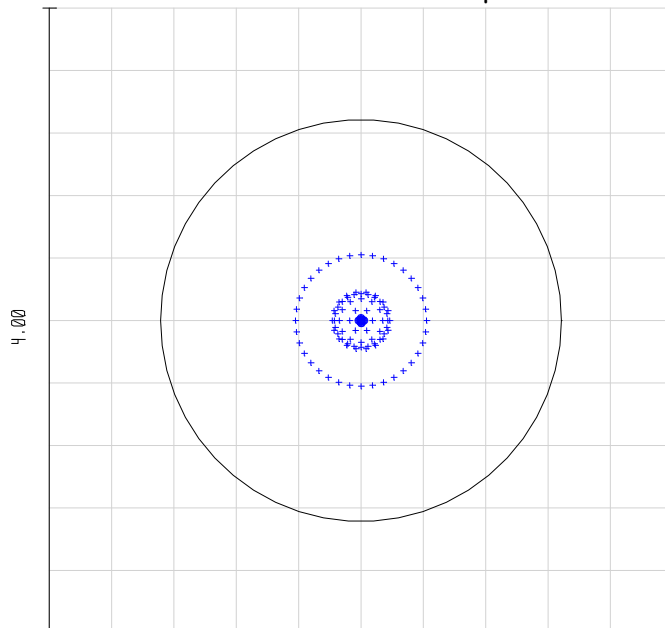


980 nm
RMS Radius = 0.32 μm

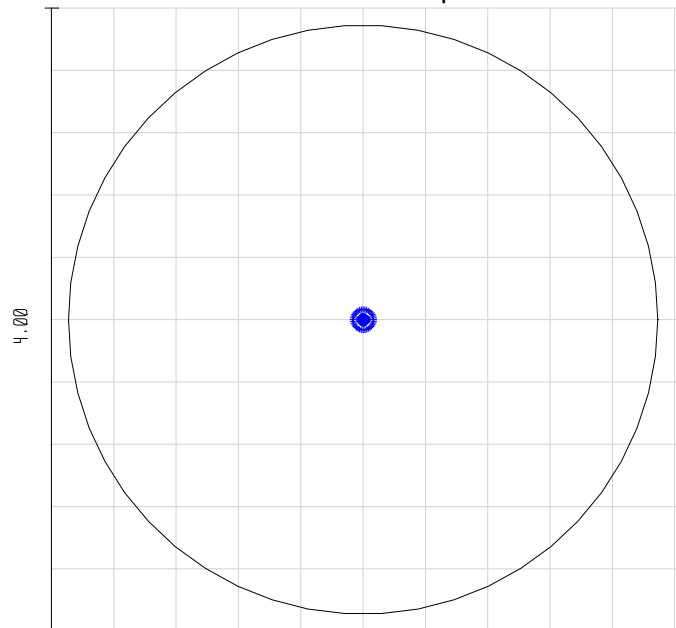


Spot Diagrams for C-Coated Lens (352710-C)

1064 nm
RMS Radius = 0.25 μm



1550 nm
RMS Radius = 0.04 μm



Chromatic Focal Shift

Maximum Focal Shift Range: 105.40 μm (350 – 1620 nm)

Diffraction Limited Range: 6.20 μm

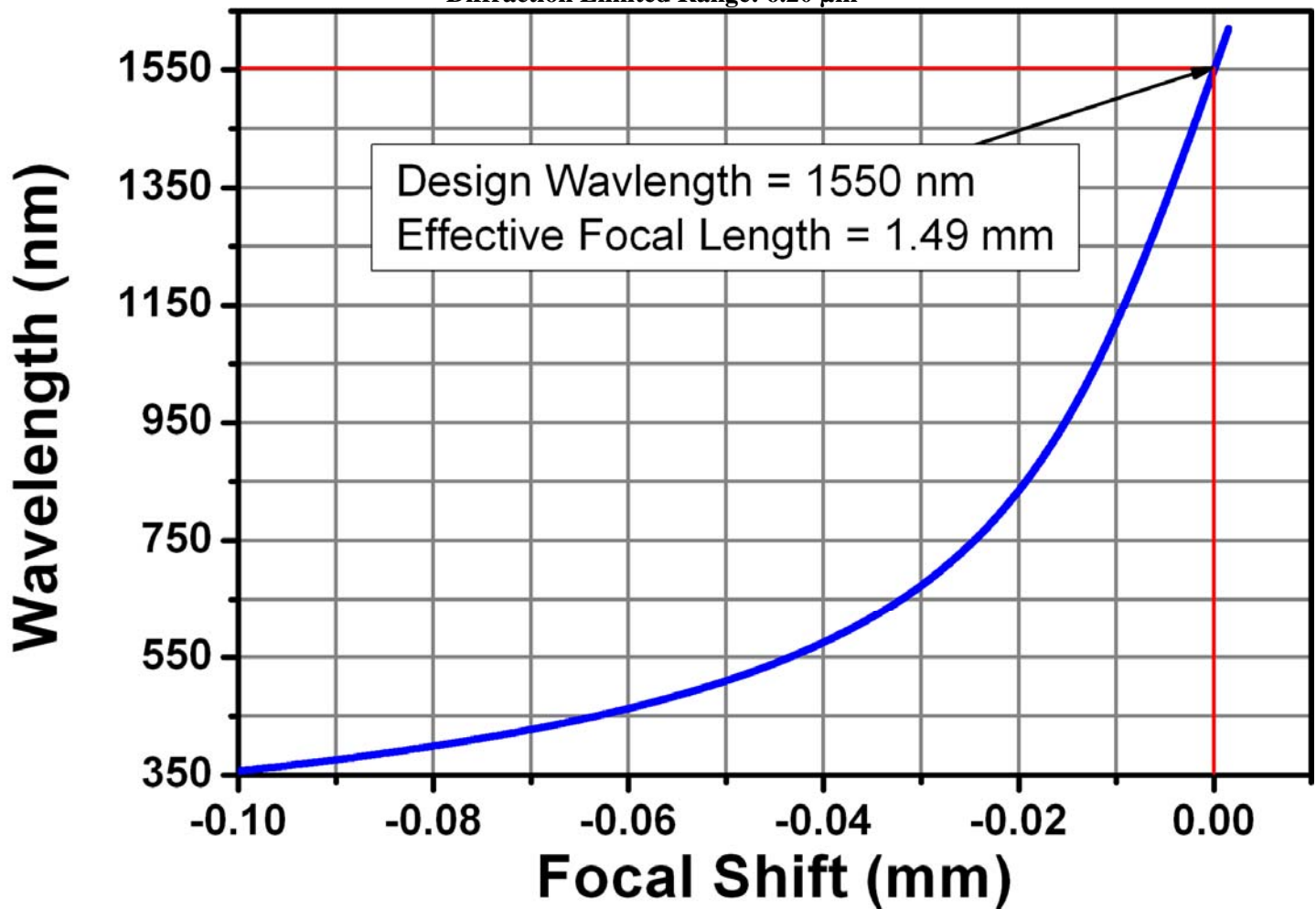


Table showing the focal length at various laser line wavelengths

Wavelength (nm)	Focal Length (mm)
405	1.399
633	1.451
670	1.455
780	1.463
810	1.465
830	1.467
980	1.474
1064	1.477
1550 ¹	1.490

¹ Design Wavelength