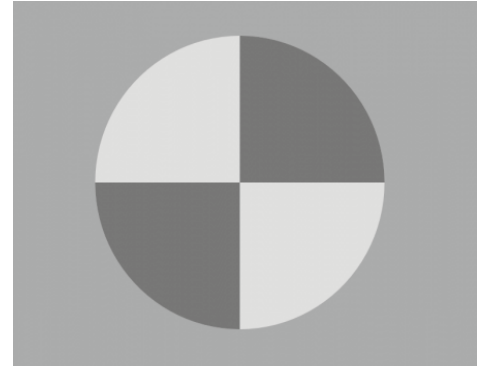# SFRreg Test Chart

Accurately measure MTF and lateral chromatic aberration

Why Choose the Imatest SFRreg Test Chart?

SFRreg charts can provide slanted edges for sharpness and lateral chromatic aberration measurements. Place these charts at arbitrary positions and angles to accommodate a wide variety of test cases, including long distance and ultrawide field of view. Where a large planar target cannot practically fill the field of view, multiple SFRreg charts can be placed throughout the field to test focus with a single image. A test image typically contains several charts that are automatically detected and analyzed by Imatest.

SFRreg test chart

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Sizes and Substrates

We offer a wide range of sizes to suit your testing needs. Charts can be rotated to the ISO standard 5° tilt angle or to align with sagittal and tangential directions in a radial field. Several contrast ratios are available including 4:1 (ISO Standard) and 10:1. Available substrates include inkjet reflective*, inkjet transmissive*, and high-precision film targets. Circular versions of the target can be installed in target projection collimators to simulate long distance. Contact us for assistance to determine the chart that will work best for your test setup.

*Available with NIR compatibility on request; add "-NIR" to SKU

imatest ®

Size	Substrate	Reg Mark Diameter	Active Area
.5x	Inkjet	100mm (3.94")	125mm x 165mm (4.92" x 6.50")
1x	Inkjet	200mm (7.87")	250mm x 330mm (9.84" x 12.99")
1.5x	Inkjet	300mm (11.81")	375mm x 500mm (14.76" x 19.69")
2x	Inkjet	400mm (15.75")	500mm x 665mm (19.69" x 26.18")
3x	Inkjet	600mm (23.62")	750mm x 1000mm (29.53" x 39.437")
4x	Inkjet	800mm (31.50")	1000mm x 1330mm (39.37" x 52.36")
5x	Inkjet	1000mm (39.37")	1105mm x 1665mm (43.50" x 65.55")
1 Reg Mark	Film	157.88mm (6.22")	196.85mm x 234.95mm (7.75" x 9.25")
2 Reg Marks	Film	93.84mm (3.69")	117.0mm x 156.0mm (4.61" x 6.14")
4 Reg Marks	Film	70.66mm (2.78")	88.11mm x 117.48mm (3.47" x 4.63")
6 Reg Marks	Film	59.20mm (2.33")	73.82mm x 98.43mm (2.91" x 3.88")
12 Reg Marks	Film	39.34mm (1.55")	49.06mm x 65.41mm (1.93" x 2.58")

Modular Test Stand with Wide Field of View Module

SFRreg Test Chart
imatest.com/info/sfrreg