

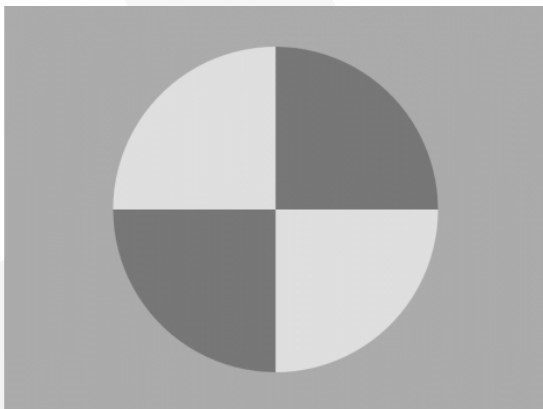
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# SFRreg Test Chart

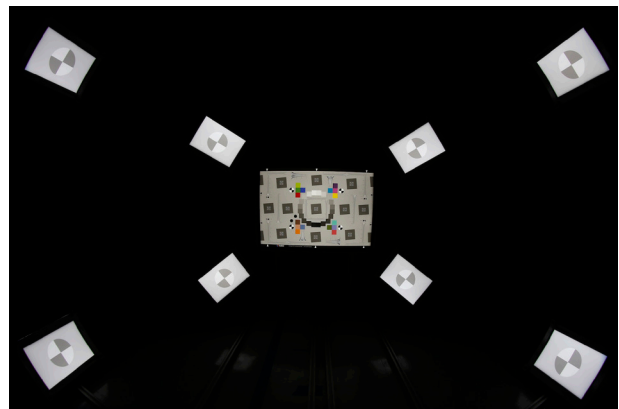
*Accurately measure MTF and lateral chromatic aberration*

## Why Imatest SFRreg Test Charts?

SFRreg charts can provide slanted edges for sharpness and lateral chromatic aberration measurements. Place them at arbitrary positions and angles to accommodate a wide variety of test cases, including long distance and ultra-wide 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



Example SFRreg Test Scenario

## 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 reflective, transmissive, and high precision film targets. Circular versions of the target can be installed in target projection collimators to simulate long distance. Contact us if you need assistance determining which chart will work best for your test setup.

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

## Related Products



Imatest Light Panel



Imatest Ultra Wide Field of View Fixture



10 Degree Projection Collimator