

# Comprehensive Image Quality Testing

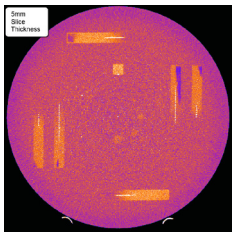
# Slice Sensitivity and Geometric Evaluation Module

## Modular CT ACR 464 Phantom Expansion



Extend your Gammex CT ACR 464 Phantom family with new modules to upgrade your image quality testing. This module includes wires, bead ramps, and spherical objects to validate slice thickness, slice sensitivity profile, and system geometry.

### Features & Benefits



- Measure slice thickness with an opposed pair of wire ramps
- Measure slice thickness and slice sensitivity profile with 2 opposed pairs of bead ramps
- Calculate Modulation Transfer Function with one-off vertical wire
- Check geometric accuracy with a set of 8 acrylic spheres
- Perform MTF measurements with BB's of two different sizes
- Easily visualize test objects with clear construction and modular design
- Designed for manual and automated analysis

### Slice Sensitivity & Geometric Evaluation Module Specifications

<b>Material:</b>	Epoxy interior, with a shell of our new HE CT Solid Water®
<b>Diameter:</b>	20.0 cm (7.9 in)
<b>Wire Ramps:</b>	Tungsten wire, 0.05 mm diameter
<b>Bead Ramps:</b>	One opposed set with 0.18 mm tungsten carbide BB's, and one with 0.28 mm tungsten carbide BB's
<b>MTF BB's:</b>	0.18 mm and 0.28 mm
<b>MTF Wire:</b>	Tungsten wire, 5 degrees off-vertical, 0.05 mm diameter
<b>Acrylic Spheres:</b>	1.0, 1.5, 2.0, 3.0, 4.0, 6.0, 8.0, and 10.0 mm diameter