

Field Analysis Results

File: C:/Users/ahastava/PycharmProjects/Face_Phantom_MeV_Scan.dcm

Protocol: VARIAN

Centering method: Beam center

Normalization method: Beam center

Interpolation: Spline

Edge detection method: Inflection Hill

Penumbra width (20/80):

Left: 2.7mm

Right: 2.7mm

Top: 2.9mm

Bottom: 3.0mm

Penumbra gradients:

Left gradient: 25.87%/mm

Right gradient: 26.34%/mm

Top gradient: 24.22%/mm

Bottom gradient: 24.36%/mm

Field Size:

Horizontal: 149.9mm

Vertical: 148.7mm

CAX to edge distances:

CAX -> Top edge: 74.7mm

CAX -> Bottom edge: 73.9mm

CAX -> Left edge: 75.4mm

CAX -> Right edge: 74.5mm

Central ROI stats:

Mean: -59499.75

Max: -59487.0

Min: -59513.0

Standard deviation: 9.256754290786809

'Top' vertical distance from CAX: 0.3mm

'Top' horizontal distance from CAX: 0.4mm

'Top' vertical distance from beam center: 0.1mm

'Top' horizontal distance from beam center: 0.0mm

Top slope: 0.177%/mm

Bottom slope: -0.201%/mm

Left slope: 0.183%/mm

Right slope: -0.175%/mm

Protocol data:

Vertical symmetry: 5.542%

Horizontal symmetry: 1.628%

Vertical flatness: 5.637%

Horizontal flatness: 5.727%



