Field Analysis

Field Analysis Results

File: C:\Users\dsprouts\Desktop\Coding Projects\Images\corrected2_1_25.dcm
Protocol: VARIAN
Centering method: Beam center
Normalization method: Beam center
Interpolation: Linear
Edge detection method: Inflection Derivative

Penumbra width (20/80):
Left: 1.3mm
Right: 1.4mm
Top: 1.2mm
Bottom: 1.2mm

Field Size:
Horizontal: 72.7mm
Vertical: 73.2mm

CAX to edge distances:
CAX -> Top edge: 36.5mm
CAX -> Bottom edge: 36.7mm
CAX -> Left edge: 36.4mm
CAX -> Right edge: 36.3mm

Central ROI stats:
Mean: 5114.9593931096115
Max: 5121.238305085042
Min: 5103.056529359946
Standard deviation: 7.038744523187699

Top slope: 0.066%/mm
Bottom slope: -0.063%/mm
Left slope: 0.070%/mm
Right slope: -0.076%/mm

Protocol data:

Vertical symmetry: -1.067%
Horizontal symmetry: 1.294%

Vertical flatness: 1.471%
Horizontal flatness: 1.540%

Field Analysis

Vertical Profile

Horizontal Profile

Image

Profile Extraction Area