Field Analysis

Field Analysis Results

File: C:\Users\dsprouts\Desktop\Coding Projects\Images\Baseline0201vsRaw0207.dcm
Protocol: VARIAN
Centering method: Beam center
Normalization method: Beam center
Interpolation: Linear
Edge detection method: Inflection Derivative

Penumbra width (20/80):
Left: 3.0mm
Right: 39.2mm
Top: 1.3mm
Bottom: 38.4mm

Field Size:
Horizontal: 90.3mm
Vertical: 91.8mm

CAX to edge distances:
CAX -> Top edge: 36.3mm
CAX -> Bottom edge: 55.5mm
CAX -> Left edge: 36.3mm
CAX -> Right edge: 54.0mm

Central ROI stats:
Mean: 2829.2544478306095
Max: 2831.6491435481425
Min: 2826.85732354297
Standard deviation: 2.359314474234803

Top slope: -2.669%/mm
Bottom slope: 0.806%/mm
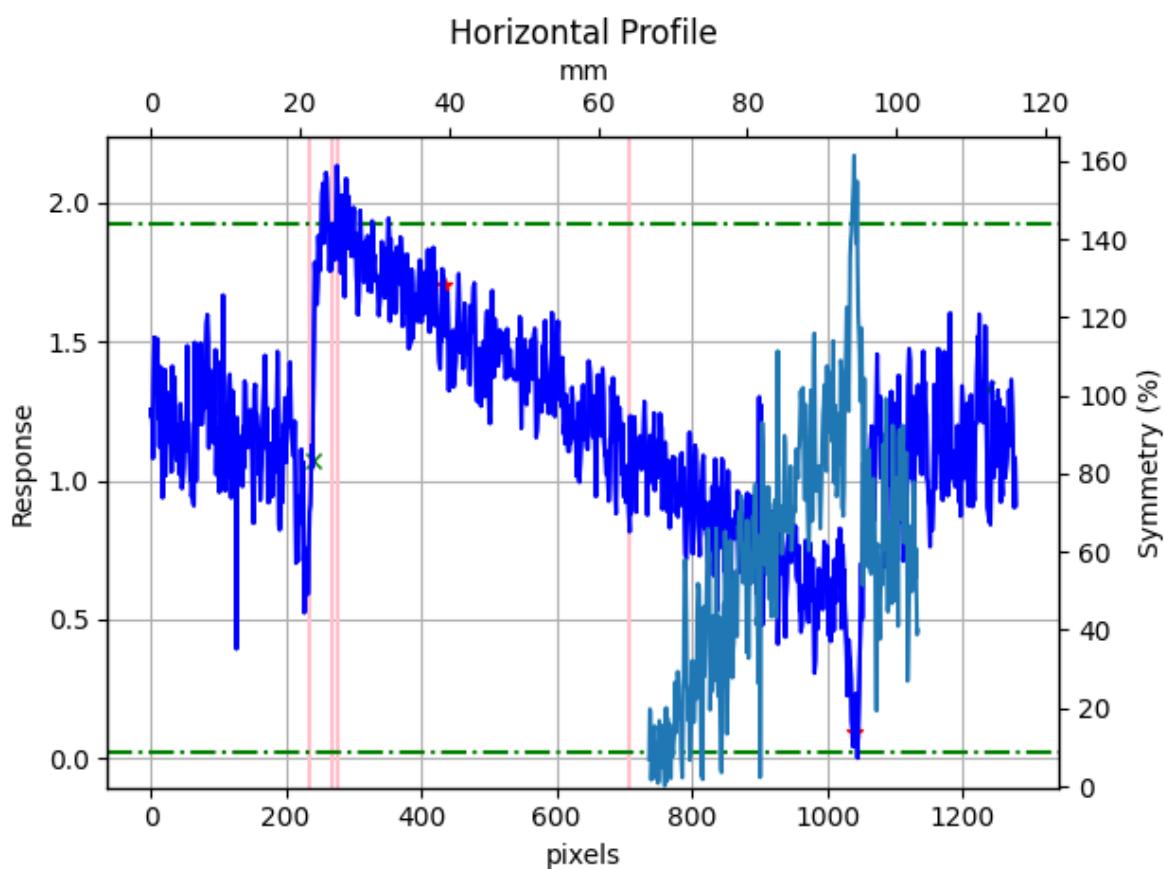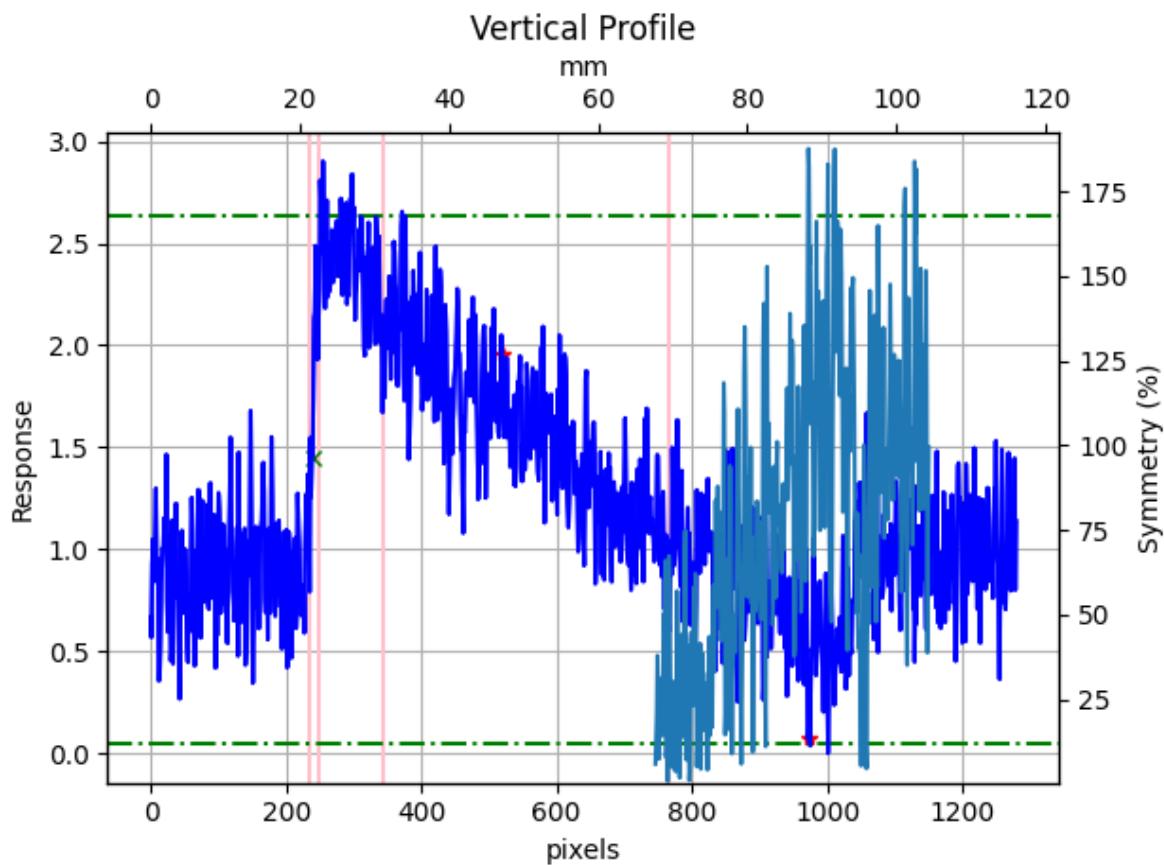Left slope: -1.919%/mm
Right slope: 0.607%/mm

Protocol data:

Vertical symmetry: 187.537%
Horizontal symmetry: 161.354%

Vertical flatness: 96.806%
Horizontal flatness: 97.938%

Vertical Profile

Horizontal Profile

Image

Profile Extraction Area