

DoseLab Flatness and Symmetry

Summary: All tests passed

DoseLab version: 6.40b

Date: March 14, 2012

Machine: Test, #:12345

File: "Sun Nuclear FS-QA flatness and symmetry (EPID).dcm"

SID: 150.0 cm

Energy: 6 MV

Flatness method: Edge values

Symmetry method: CAX point difference

Expected vertical field size: 10.0 cm

Expected horizontal field size: 10.0 cm

Performed by: John Smith

Tolerance set: SNC_Phantom

Top flatness: -2.3% (Pass)

Bottom flatness: -0.9% (Pass)

Left flatness: -1.6% (Pass)

Right flatness: -1.9% (Pass)

Vertical symmetry: -2.8% (Pass)

Horizontal symmetry: 1.2% (Pass)

Light/rad offset, Point 1: 0.0 mm (Pass)

Light/rad offset, Point 2: 0.2 mm (Pass)

Light/rad offset, Point 3: 0.2 mm (Pass)

Light/rad offset, Point 4: -0.6 mm (Pass)

Max vertical diff from base: 0.8% (Pass)

Max horizontal diff from base: 1.2% (Pass)

Vertical field size: 9.96 cm (Pass)

Horizontal field size: 10.02 cm (Pass)

Vertical min value: 95.6% (Pass)

Horizontal min value: 96.3% (Pass)

Vertical max value: 100.8% (Pass)

Horizontal max value: 100.3% (Pass)

Top penumbra: 3.1 mm (Pass)

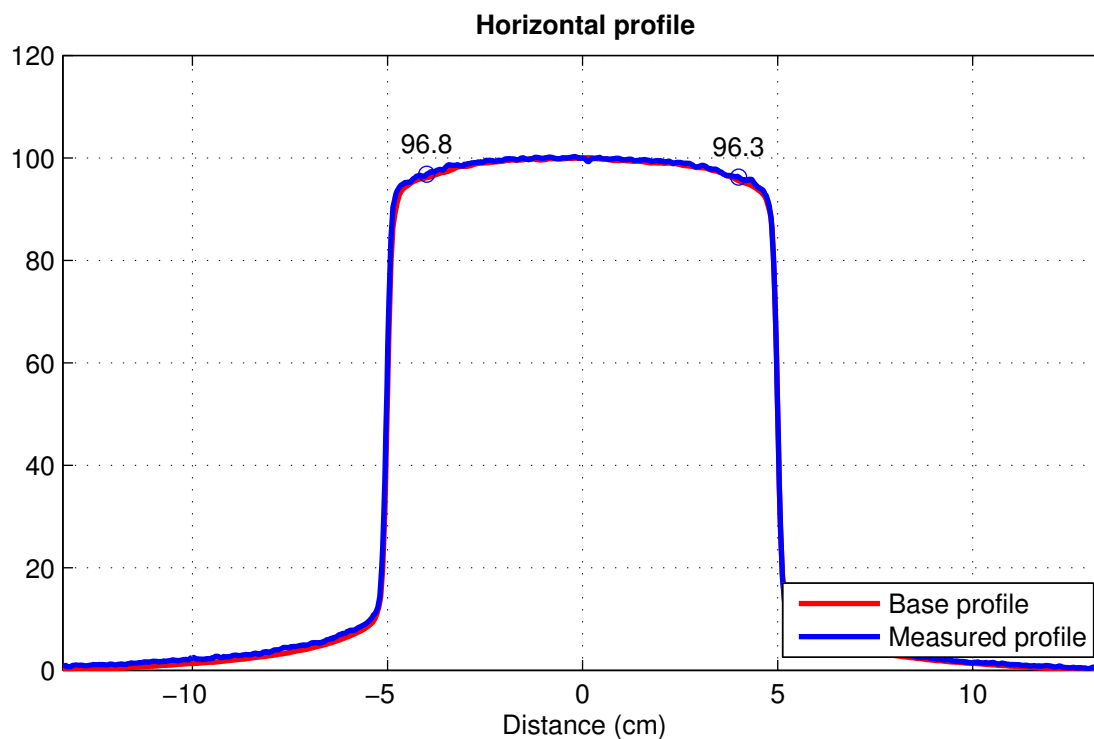
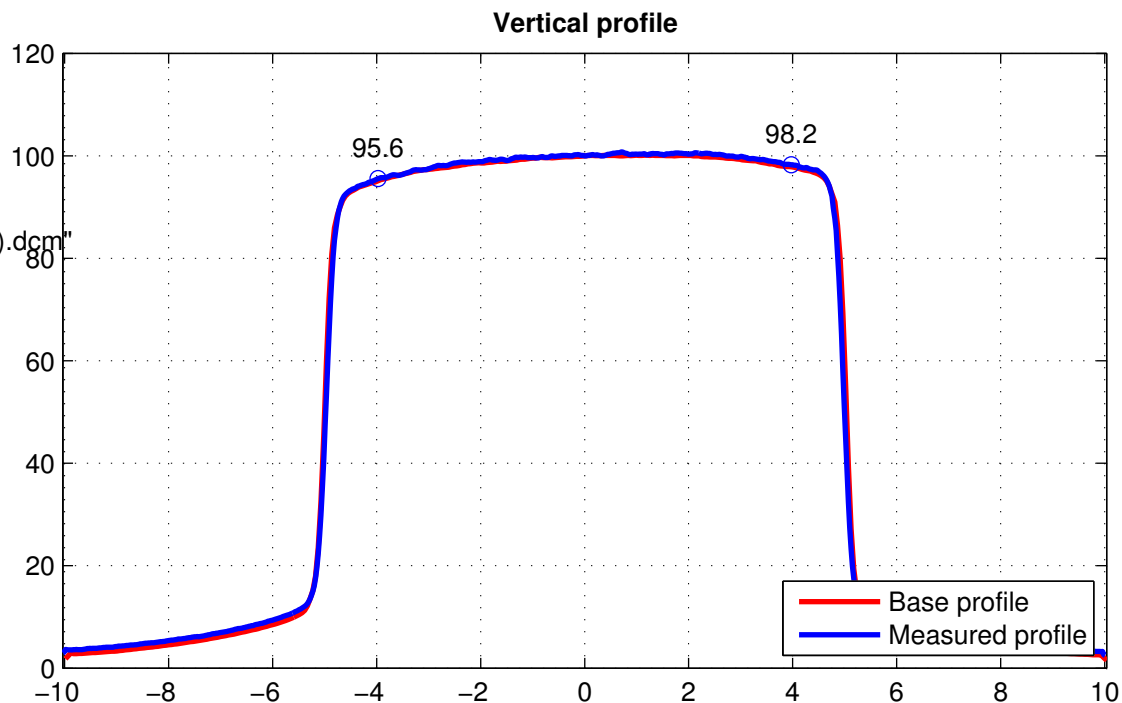
Bottom penumbra: 2.8 mm (Pass)

Left penumbra: 2.2 mm (Pass)

Right penumbra: 2.2 mm (Pass)

Note:

EPID Profile – not absolute dose – constancy check only



Flatness and symmetry image

