

CatPhan 503 Analysis

- CBCT/CT 503 QA Test -

- CTP 404 Results -

HU Linearity tolerance: 40

HU Linearity ROIs: Air: -1023.0, PMP: -193.0, LDPE: -100.0, Poly: -42.0, Acrylic: 125.0, Delrin: 360.0, Teflon: 962.0

HU Passed?: True

Low contrast visibility: 3.09

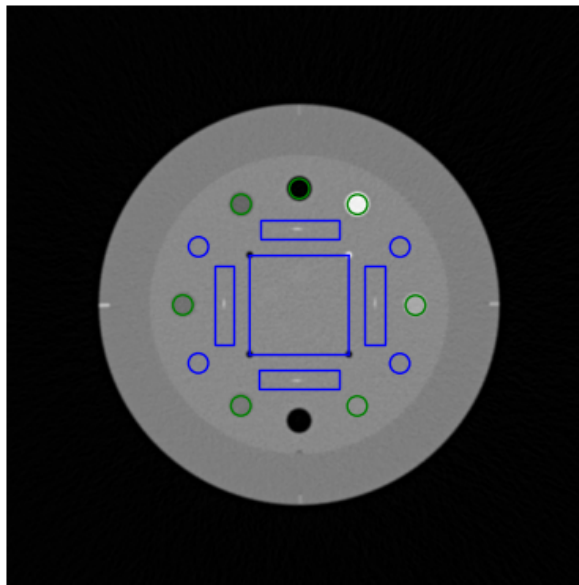
Geometric Line Average (mm): 50.04

Geometry Passed?: True

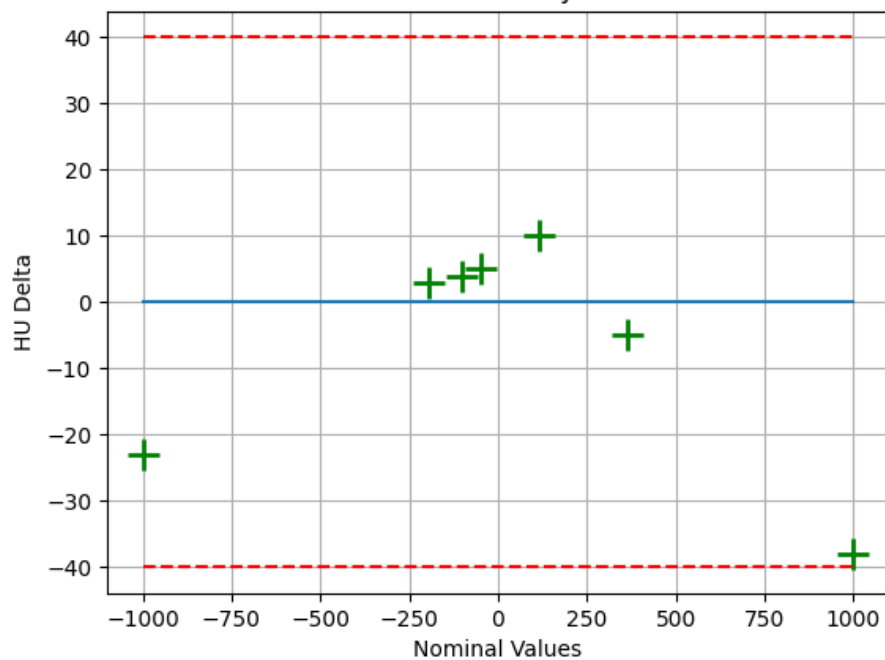
Measured Slice Thickness (mm): 1.439

Slice Thickness Passed? True

HU Linearity



HU linearity



- CTP486 Results -

Uniformity tolerance: 40

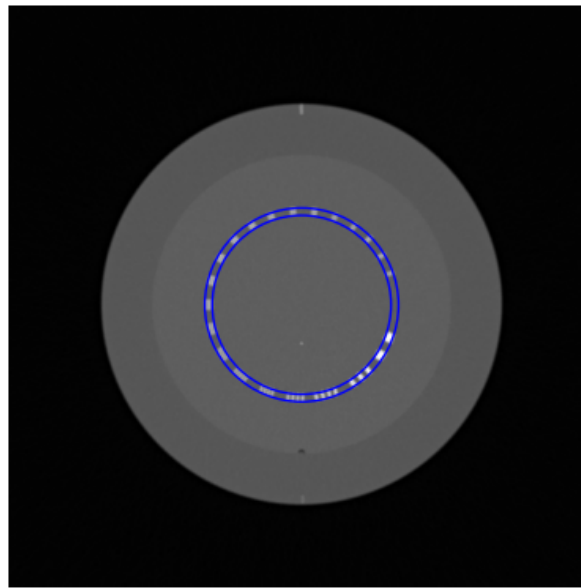
Uniformity ROIs: Top: 9.0, Right: 9.0, Bottom: 10.0, Left: 9.0, Center: 13.0

Uniformity index: -0.395

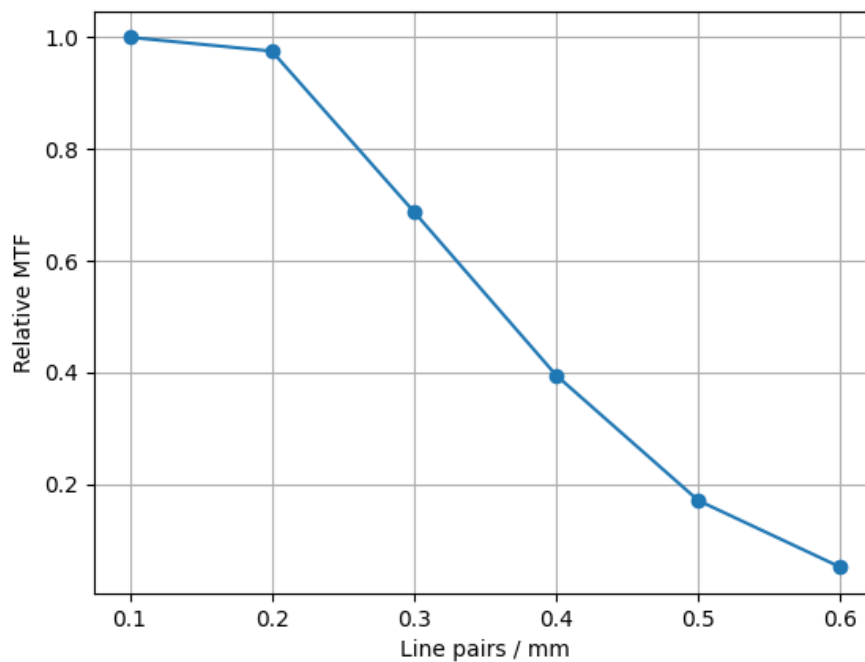
Integral non-uniformity: 0.0020

Uniformity Passed?: True

Spatial Resolution



RMTF



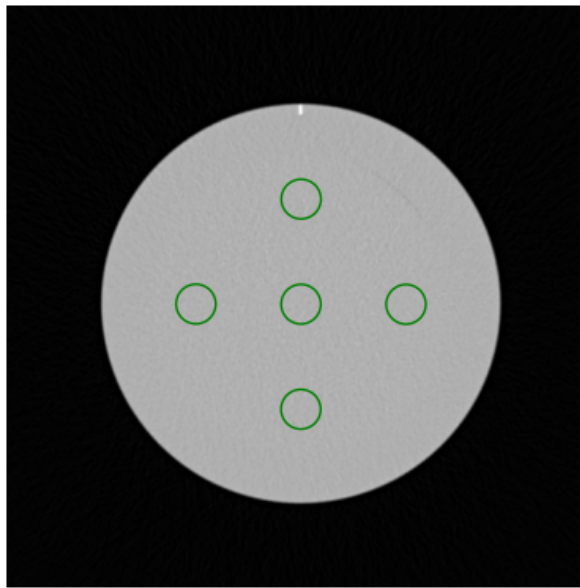
- CTP528 Results -

MTF 80% (lp/mm): 0.26

MTF 50% (lp/mm): 0.36

MTF 30% (lp/mm): 0.44

HU Uniformity



Uniformity Profiles

