

Picket Fence Analysis

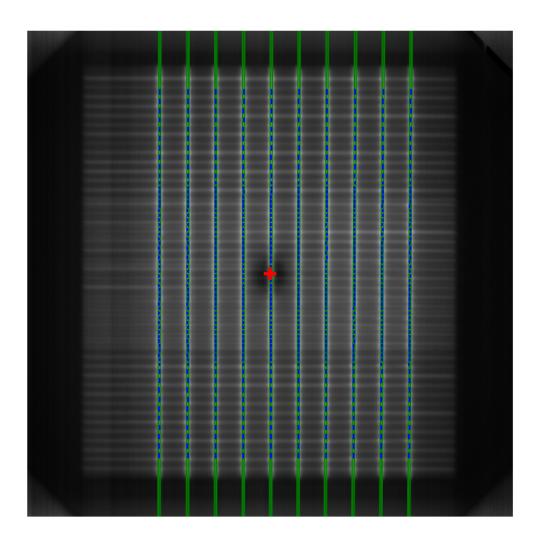
Picket Fence results:

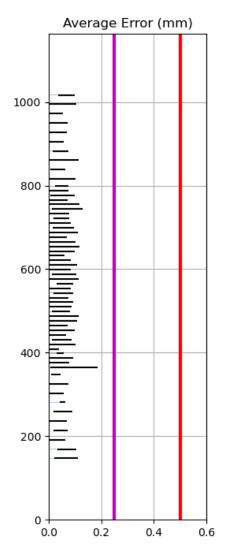
Magnification factor (SID/SAD): 1.50

Tolerance (mm): 0.5 Leaves passing (%): 100.0 Absolute median error (mm): 0.041 Mean picket spacing (mm): 14.9

Maximum error (mm): 0.219 on Picket 9, Leaf [10]

Gantry Angle: 187.04 Collimator Angle: 0.00







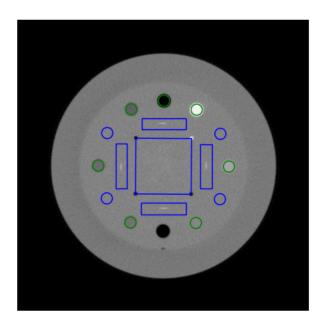
- CTP404 Results -

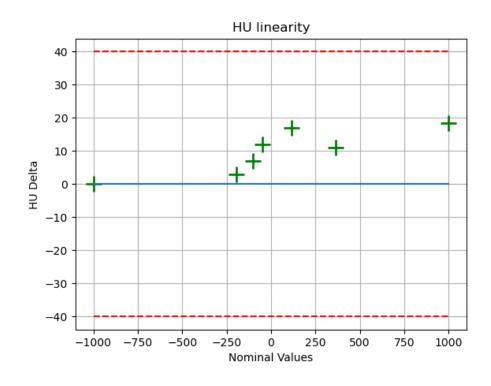
HU Linearity tolerance: 40

HU Linearity ROIs: Air: -1000.0, PMP: -193.0, LDPE: -97.0, Poly: -35.0, Acrylic: 132.0, Delrin: 376.0, Teflon: 1018.5

Geometric node spacing (mm): 50.03

Slice thickness (mm): 1.78 Low contrast visibility: 1.87

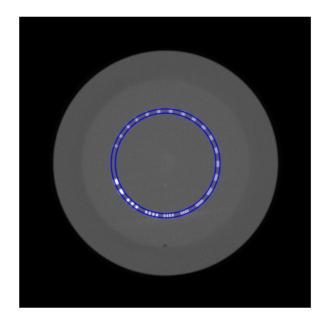


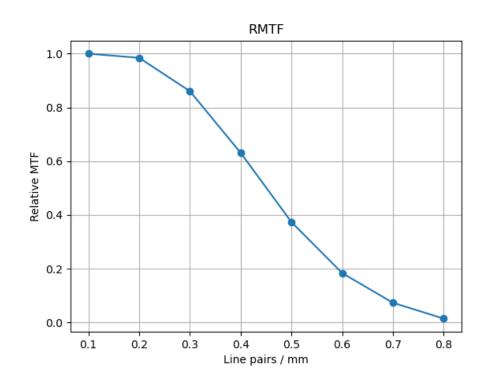


Notes: testing



- CTP528 Results -MTF 80% (lp/mm): 0.33 MTF 50% (lp/mm): 0.45 MTF 30% (lp/mm): 0.54





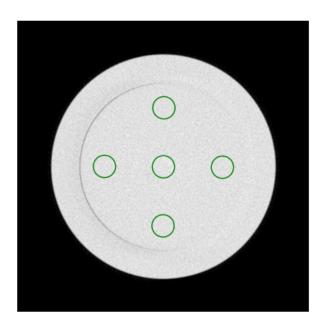


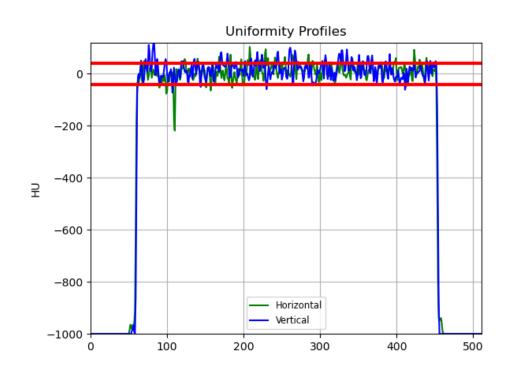
- CTP486 Results -Uniformity tolerance: 40

Uniformity ROIs: Top: 13.0, Right: 14.0, Bottom: 14.0, Left: 12.0, Center: 26.0

Uniformity Index: -1.36

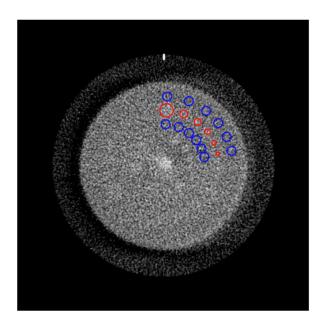
Integral non-uniformity: 0.0069







- CTP515 Results -CNR threshold: 15 Low contrast ROIs "seen": 0





DR/GS VMAT Analysis

Dose Rate & Gantry Speed VMAT results: Source-to-Image Distance (mm): 1500

Tolerance (%): 1.5

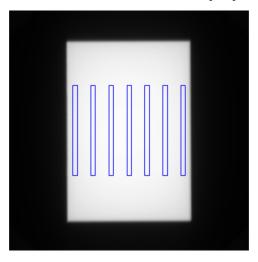
Absolute mean deviation (%): 0.62 Maximum deviation (%): 0.99

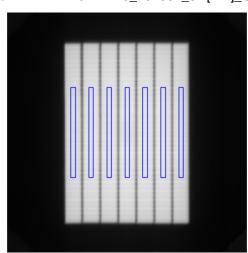
Open Image

20211223_181915_6x [MV]_G243_C360_T360_1.dcm

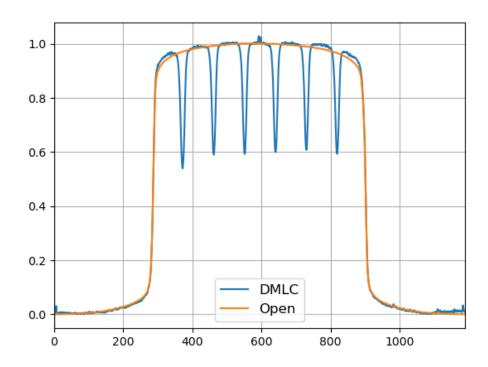


20211223_181804_6x [MV]_G243_C360_T3





Median profiles





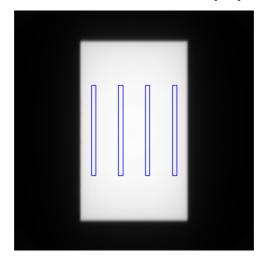
DR/MLCS VMAT Analysis

Dose Rate & MLC Speed VMAT results: Source-to-Image Distance (mm): 1500

Tolerance (%): 1.5

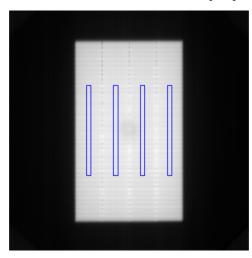
Absolute mean deviation (%): 0.45 Maximum deviation (%): 0.89

Open Image 20220120_175430_6x [MV]_G32_C360_T0_2.dcm

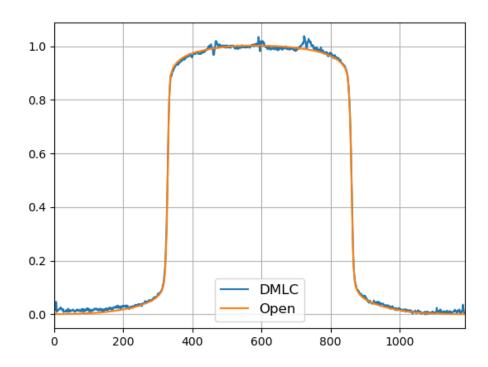


DMLC Image

20220120_175353_6x [MV]_G32_C360_T0_



Median profiles





Winston-Lutz Analysis

Number of images: 12

Maximum 2D CAX->BB distance: 0.67mm Median 2D CAX->BB distance: 0.31mm

Shift to iso: facing gantry, move BB: RIGHT 0.10mm; IN 0.25mm; UP 0.04mm

Gantry 3D isocenter diameter: 0.61mm (4/12 images considered)

Maximum Gantry RMS deviation (mm): 0.17mm Maximum EPID RMS deviation (mm): 0.68mm

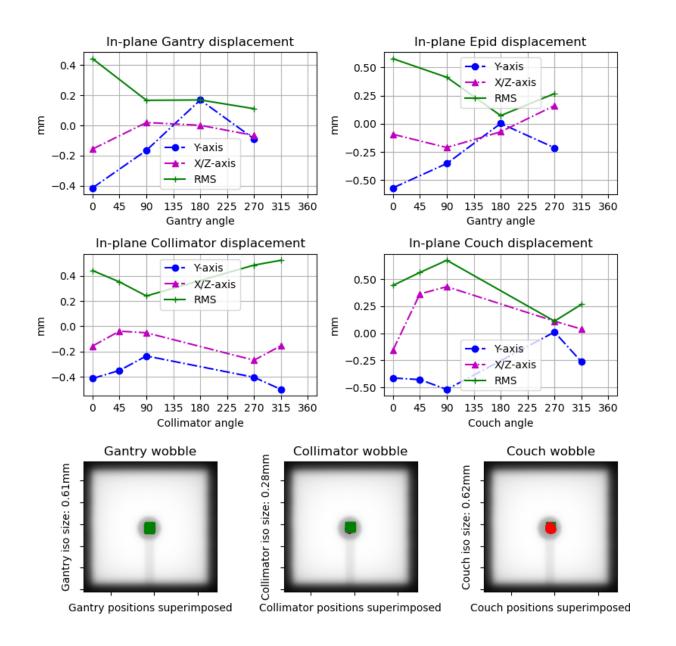
Gantry+Collimator 3D isocenter diameter: 0.69mm (8/12 images considered)

Collimator 2D isocenter diameter: 0.28mm (5/12 images considered)

Maximum Collimator RMS deviation (mm): 0.52

Couch 2D isocenter diameter: 0.62mm (5/12 images considered)

Maximum Couch RMS deviation (mm): 0.67





SI QC-3 Phantom Analysis

SI QC-3 results:■File: C:\Users\kjaps\Documents\Coding\GitHub\p...9_175938_2.5x [MV]

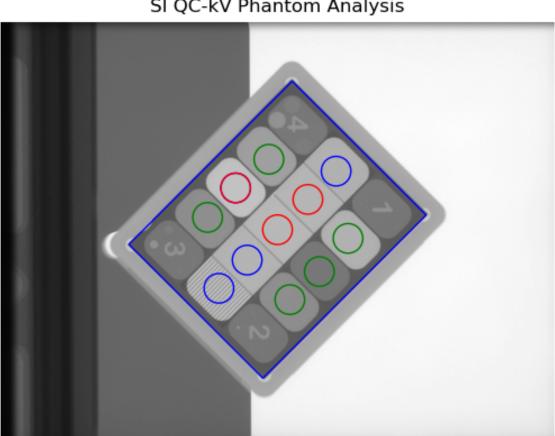


SI QC-3 Phantom Analysis



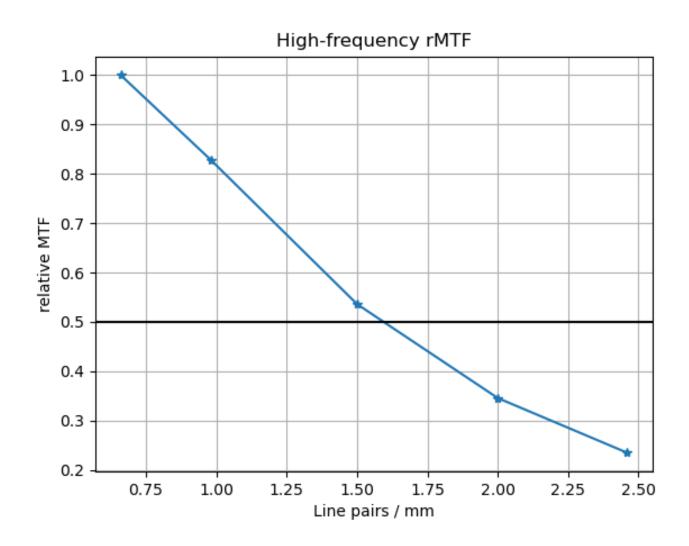
SI QC-kV Phantom Analysis

SI QC-kV results:■File: C:\Users\kjaps\Documents\Coding\GitHub\p...19_180233_100 [k'

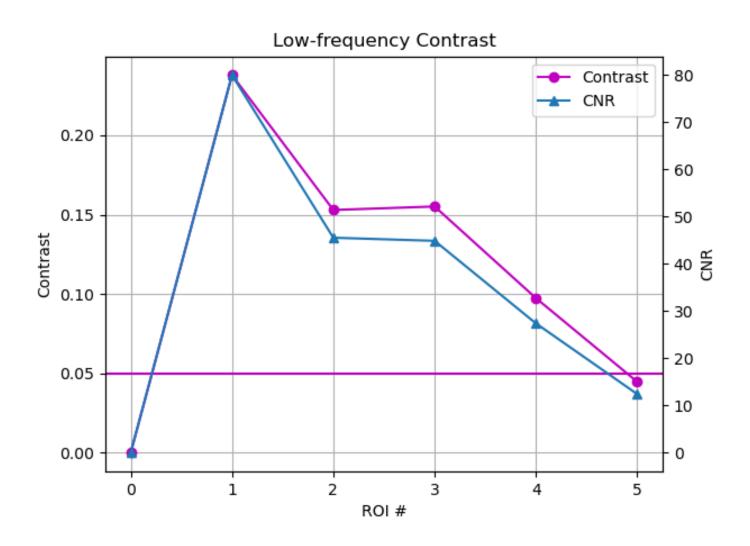


SI QC-kV Phantom Analysis

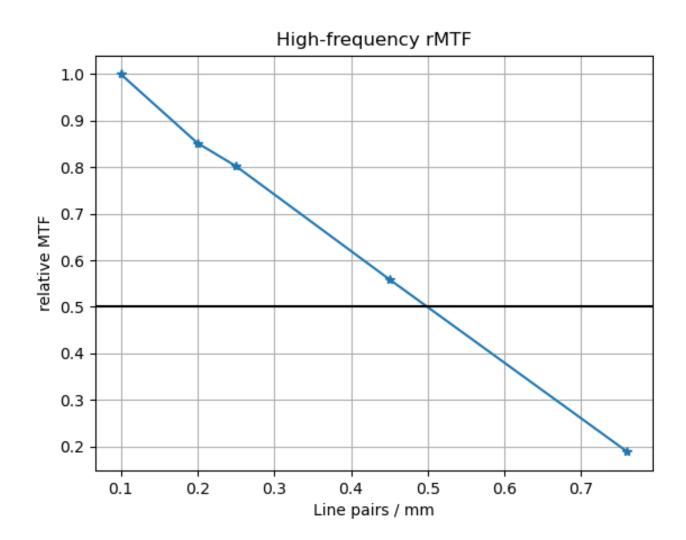
SI QC-kV Phantom Analysis



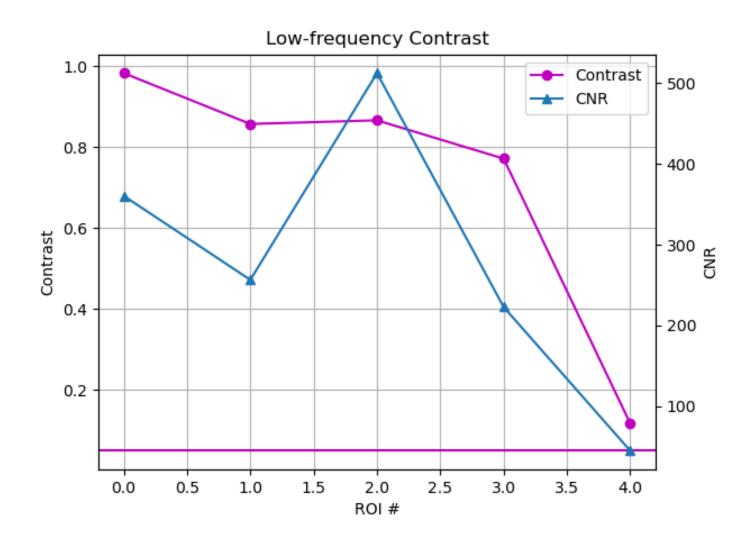
SI QC-kV Phantom Analysis



SI QC-3 Phantom Analysis

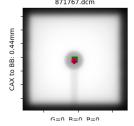


SI QC-3 Phantom Analysis



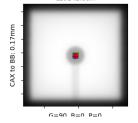


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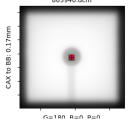


Gantry images

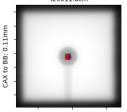
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C:\Users\kjaps\Documents\Codin g\GitHub\py\inac\py\inac\tests shc\CCSB files\Winston Lutz\I mages\R1.1.2.246.352.62.1.5107 859038491390478.12942107524502 425011.dcm

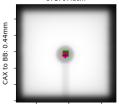


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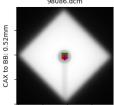


Collimator images

C:\Users\kjaps\Documents\Codin g\GitHub\pylinac\pylinac\tests _shc\tCCSB files\Winston Lutz\| mages\R.1.2.246.352.62.1.5749 854385291711743.17523903490097 871767.dcm

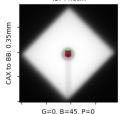


G=0, B=0, P=0 C:\Users\kjaps\Documents\Codin g\GitHub\py\Inactpy\Inactpot _s\nc\CCSB_files\Winston Lutz\I mages\R1.1.2.246.352.62.1.5039 230422626045011.94250934619828 98086.dcm

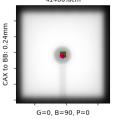


G=0, B=315, P=0

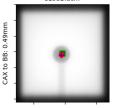
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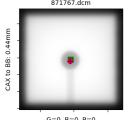
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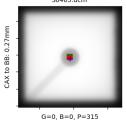
G=0, B=270, P=0



C:\Users\kjaps\Documents\Codin g(GitHub\py)inac\py)inac\tests _shc\CCSB files\Winston Lut2\! mages\RI.1.2.246.352.62.1.5749 854385291711743.17523903490097 871767.dcm

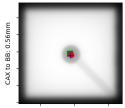


G=0, B=0, P=0 C:\Users\(japs\)Documents\(Codin g\GitHub\)pylinac\(y\)jinac\(tests _shc\CCSB_files\)Winston Lutz\\ mages\(R1.1.2.246.352.62.1.5744 832621266160394.56151305962389 36465.dcm



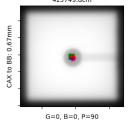
Couch images

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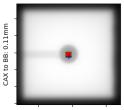


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G=0. B=0. P=270