

[System]

Scanner=Skyscan1172
Instrument S/N=09H01136
Hardware version=F
Software=Version 1. 5 (build 26)
Home directory=C:\SkyScan1172F_
Source Type=Hamamatsu 100/250
Camera=Hamamatsu C9300 11Mp camera
Camera Pixel Size (um)= 8.65
CameraXYRatio=0.9594
Incl.in lifting (um/mm)=0.4620

[User]

User Name=Analysis 3 - PC
Computer Name=ANALYSIS3-PC

[Acquisition]

Data directory=C:\Results\Brody Hovatter\To1_BatchScan_03162022_1_
Filename Prefix=To1_BatchScan_03162022_1_
Configuration=std
Number of Files= 797
Source Voltage (kV)= 48
Source Current (uA)= 208
Number of Rows= 1336
Number of Columns= 2000
Image crop origin X= 0
Image crop origin Y=0
Camera binning=2x2
Image Rotation=0.3500
Gantry direction=CC
Image Pixel Size (um)= 7.95
Object to Source (mm)=97.423
Camera to Source (mm)=212.044
Vertical Object Position (mm)=37.000
Optical Axis (line)= 734
Filter=Al 0.5 mm
Image Format=TIFF
Depth (bits)=16
Screen LUT=0
Exposure (ms)= 1040
Rotation Step (deg)=0.250
Frame Averaging=ON (5)
Random Movement=OFF (20)
Use 360 Rotation=NO
Geometrical Correction=ON
Camera Offset=OFF
Median Filtering=ON
Flat Field Correction=ON
Rotation Direction=CC
Scanning Trajectory=ROUND
Type Of Motion=STEP AND SHOOT
Study Date and Time=Mar 16, 2022 15:22:59

Scan duration=01:37:42
Maximum vertical TS=5.0
[Reconstruction]
Reconstruction Program=NRecon
Program Version=Version: 1.7.5.4
Program Home Directory=C:\SkyScan1273_demo
Reconstruction engine=GPUReconServer
Engine version=Version: 1.7.5
Reconstruction from batch=No
Postalignment Applied=1
Postalignment=5.00
Reconstruction servers= ANALYSIS3-PC
Dataset Origin=Skyscan1172
Dataset Prefix=To1_BatchScan_03162022_1_
Dataset Directory=C:\Results\Brody Hovatter\To1_BatchScan_03162022_1_
Output Directory=C:\Results\Brody
Hovatter\To1_BatchScan_03162022_1_\To1_BatchScan_03162022_1_rec
Time and Date=16 Mar 2022 15h:57m:38s
First Section=216
Last Section=1153
Reconstruction duration per slice (seconds)=0.267591
Total reconstruction time (938 slices) in seconds=251.000000
Section to Section Step=1
Sections Count=938
Result File Type=TIF
Result File Header Length (bytes)=12
Result Image Width (pixels)=1848
Result Image Height (pixels)=1824
Pixel Size (um)=7.94995
Reconstruction Angular Range (deg)=199.00
Use 180+=OFF
Angular Step (deg)=0.2500
Smoothing=0
Ring Artifact Correction=13
Draw Scales=OFF
Object Bigger than FOV=OFF
Reconstruction from ROI=ON_ROUND
ROI Top (pixels)=1921
ROI Bottom (pixels)=97
ROI Left (pixels)=105
ROI Right (pixels)=1956
ROI reference length=2000
Filter cutoff relative to Nyquist frequency=100
Filter type=0
Filter type description=Hamming (Alpha=0.54)
Undersampling factor=1
Threshold for defect pixel mask (%)=0
Beam Hardening Correction (%)=30
CS Static Rotation (deg)=0.00
CS Static Rotation Total(deg)=0.00

Minimum for CS to Image Conversion=0.000000
Maximum for CS to Image Conversion=0.334260
HU Calibration=OFF
BMP LUT=0
Cone-beam Angle Horiz.(deg)=9.330270
Cone-beam Angle Vert.(deg)=6.240254