

[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\To1BatchScan\_01192022\_1\_  
Filename Prefix=To1BatchScan\_01192022\_1\_  
Configuration=std  
Number of Files= 779  
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)= 10.42  
Object to Source (mm)=166.933  
Camera to Source (mm)=277.054  
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)= 1075  
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=Jan 19, 2022 12:38:34

Scan duration=01:38:41  
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=1.50  
Reconstruction servers= ANALYSIS3-PC  
Dataset Origin=Skyscan1172  
Dataset Prefix=To1BatchScan\_01192022\_1\_  
Dataset Directory=C:\Results\Brody Hovatter\To1BatchScan\_01192022\_1\_  
Output Directory=C:\Results\Brody  
Hovatter\To1BatchScan\_01192022\_1\_\To1BatchScan\_01192022\_1\_rec  
Time and Date=19 Jan 2022 14h:21m:47s  
First Section=86  
Last Section=1137  
Reconstruction duration per slice (seconds)=0.200570  
Total reconstruction time (1052 slices) in seconds=211.000000  
Section to Section Step=1  
Sections Count=1052  
Result File Type=TIF  
Result File Header Length (bytes)=12  
Result Image Width (pixels)=1332  
Result Image Height (pixels)=1332  
Pixel Size (um)=10.42688  
Reconstruction Angular Range (deg)=194.50  
Use 180+=OFF  
Angular Step (deg)=0.2500  
Smoothing=2  
Smoothing kernel=2 (Gaussian)  
Ring Artifact Correction=3  
Draw Scales=OFF  
Object Bigger than FOV=OFF  
Reconstruction from ROI=ON\_ROUND  
ROI Top (pixels)=1603  
ROI Bottom (pixels)=270  
ROI Left (pixels)=353  
ROI Right (pixels)=1686  
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=0.212975  
HU Calibration=OFF  
BMP LUT=0  
Cone-beam Angle Horiz.(deg)=7.148268  
Cone-beam Angle Vert.(deg)=4.778475