

[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=0.9697  
Incl.in lifting (um/mm)=0.4620

[User]

User Name=SkyScan\_1172  
Computer Name=

[Acquisition]

Data directory=E:\Results\Brody\Pfarrandi\_UWBM\_morph\_05182018\_  
Filename Prefix=Pfarrandi\_UWBM\_morph\_05182018\_  
Configuration=C:\SkyScan1172F\_\config\Std\_Low  
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=0.2530  
Gantry direction=CC  
Image Pixel Size (um)= 8.46  
Object to Source (mm)=103.535  
Camera to Source (mm)=211.659  
Vertical Object Position (mm)=33.400  
Optical Axis (line)= 737  
Filter=Al 0.5 mm  
Image Format=TIFF  
Depth (bits)=16  
Screen LUT=0  
Exposure (ms)= 700  
Rotation Step (deg)=0.250  
Frame Averaging=ON (5)  
Random Movement=ON (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=May 18, 2018 13:36:42

Scan duration=01:14:52  
Maximum vertical TS=5.0  
[Reconstruction]  
Reconstruction Program=NRecon  
Program Version=Version: 1.7.1.0  
Program Home Directory=C:\SkyScan1172F\_  
Reconstruction engine=GPUReconServer  
Engine version=Version: 1.7.1  
Reconstruction from batch=No  
Postalignment=-1.00  
Reconstruction servers= SKYSCAN\_1172-PC  
Dataset Origin=Skyscan1172  
Dataset Prefix=Pfarrandi\_UWBM\_morph\_05182018\_  
Dataset Directory=E:\Results\Brody\Pfarrandi\_UWBM\_morph\_05182018\_  
Output Directory=E:  
\Results\Brody\Pfarrandi\_UWBM\_morph\_05182018\_\Pfarrandi\_UWBM\_morph\_051  
82018\_Rec  
Time and Date=May 18, 2018 13:51:10  
First Section=107  
Last Section=1246  
Reconstruction duration per slice (seconds)=0.492982  
Total reconstruction time (1140 slices) in seconds=562.000000  
Section to Section Step=1  
Sections Count=1140  
Result File Type=TIF  
Result File Header Length (bytes)=12  
Result Image Width (pixels)=1644  
Result Image Height (pixels)=1552  
Pixel Size (um)=8.46382  
Reconstruction Angular Range (deg)=199.00  
Use 180+=OFF  
Angular Step (deg)=0.2500  
Smoothing=2  
Smoothing kernel=2 (Gaussian)  
Ring Artifact Correction=5  
Draw Scales=OFF  
Object Bigger than FOV=OFF  
Reconstruction from ROI=ON\_ROUND  
ROI Top (pixels)=1774  
ROI Bottom (pixels)=220  
ROI Left (pixels)=168  
ROI Right (pixels)=1813  
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 (%)=20  
CS Static Rotation (deg)=0.00

Minimum for CS to Image Conversion=0.005588  
Maximum for CS to Image Conversion=0.192860  
HU Calibration=OFF  
BMP LUT=0  
Cone-beam Angle Horiz.(deg)=9.346888  
Cone-beam Angle Vert.(deg)=6.251396