

[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\Plesiadap_UWBM_UCMP_06062018_
Filename Prefix=Plesiadap_UWBM_UCMP_06062018_
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)= 9.52
Object to Source (mm)=116.465
Camera to Source (mm)=211.659
Vertical Object Position (mm)=32.780
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=Jun 06, 2018 11:57:31

Scan duration=01:24:52
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=-0.50
Reconstruction servers= SKYSCAN_1172-PC
Dataset Origin=Skyscan1172
Dataset Prefix=Plesiadap_UWBM_UCMP_06062018_
Dataset Directory=E:\Results\Brody\Plesiadap_UWBM_UCMP_06062018_
Output Directory=E:
\Results\Brody\Plesiadap_UWBM_UCMP_06062018_\Plesiadap_UWBM_UCMP_06062
018_Rec
Time and Date=Jun 06, 2018 17:30:18
First Section=27
Last Section=1248
Reconstruction duration per slice (seconds)=0.674304
Total reconstruction time (1222 slices) in seconds=824.000000
Section to Section Step=1
Sections Count=1222
Result File Type=TIF
Result File Header Length (bytes)=12
Result Image Width (pixels)=1952
Result Image Height (pixels)=1856
Pixel Size (um)=9.52027
Reconstruction Angular Range (deg)=199.00
Use 180+=OFF
Angular Step (deg)=0.2500
Smoothing=2
Smoothing kernel=2 (Gaussian)
Ring Artifact Correction=2
Draw Scales=OFF
Object Bigger than FOV=OFF
Reconstruction from ROI=ON_ROUND
ROI Top (pixels)=1921
ROI Bottom (pixels)=62
ROI Left (pixels)=23
ROI Right (pixels)=1977
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 (%)=0
CS Static Rotation (deg)=0.00

Minimum for CS to Image Conversion=0.006632
Maximum for CS to Image Conversion=0.228409
HU Calibration=OFF
BMP LUT=0
Cone-beam Angle Horiz.(deg)=9.346352
Cone-beam Angle Vert.(deg)=6.251037