

[Beam]

HV=1200

Spot=-7

StigmatorX=0.130175

StigmatorY=0.00542098

BeamShiftX=-5.25312e-08

BeamShiftY=2.45133e-11

ScanRotation=3.14159

ImageMode=Normal

FineStageBias=

Beam=EBeam

Scan=EScan

[EBeam]

Source=FEG

ColumnType=Elstar

FinalLens=Elstar

Acq=PIA 4

Aperture=AVA

ApertureDiameter=2.26e-05

HV=1200

HFW=1.65688e-05

VFW=1.10458e-05

WD=0.00399685

BeamCurrent=6.25e-12

TiltCorrectionIsOn=no

DynamicFocusIsOn=no

DynamicWDIsOn=

ScanRotation=3.14159

LensMode=Immersion

LensModeA=

A TubeVoltage=
UseCase=
SemOpticalMode=
ImageMode=Normal
SourceTiltX=0.00208333
SourceTiltY=-0.01
StageX=0.00366032
StageY=0.00283763
StageZ=0.00397095
StageR=-1.2042
StageTa=0.750466
StageTb=0
StigmatorX=0.130175
StigmatorY=0.00542098
BeamShiftX=-5.25312e-08
BeamShiftY=2.45133e-11
EucWD=0.00397141
EmissionCurrent=
TiltCorrectionAngle=0
PreTilt=0
WehneltBias=
BeamMode=N-Beam
MagnificationCorrection=Off
AngularFieldWidth=
AngularPixelWidth=
ElectronChannelingPatternsIsOn=
MagnificationSinglePointCorrection.x=1
MagnificationSinglePointCorrection.y=1
OrthogonalitySinglePointCorrection=0
ScanRotationSinglePointCorrection=0
MagnificationSinglePointCorrectionIsOn=Off

[GIS]

Number=0

[Scan]

InternalScan=true

Dwelltime=1e-07

PixelWidth=2.69674e-09

PixelHeight=2.69674e-09

HorFieldsize=1.65688e-05

VerFieldsize=1.10458e-05

Average=0

Integrate=1

FrameTime=140.8

[EScan]

Scan=PIA 4

InternalScan=true

Dwell=1e-07

PixelWidth=2.69674e-09

PixelHeight=2.69674e-09

HorFieldsize=1.65688e-05

VerFieldsize=1.10458e-05

FrameTime=140.8

LineTime=0.034375

Mainslock=Off

LineIntegration=50

ScanInterlacing=1

[Stage]

StageX=0.00366038

StageY=0.00283762
StageZ=0.00397095
StageR=-1.2042
StageT=0.750475
StageTb=0
SpecTilt=0
WorkingDistance=0.00399685
ActiveStage=Bulk
StageRawX=0.00276542
StageRawY=0.00329025
StageRawZ=0.0319381
StageRawR=-1.2042
StageRawT=0.750475
StageRawTb=0

[Image]

DigitalContrast=1
DigitalBrightness=0
DigitalGamma=1
Average=0
Integrate=1
ResolutionX=6144
ResolutionY=4096
DriftCorrected=Off
ZoomFactor=1.000000
ZoomPanX=0.500000
ZoomPanY=0.500000
MagCanvasRealWidth=0.41440
MagnificationMode=2
ScreenMagCanvasRealWidth=0.41440
ScreenMagnificationMode=1

PostProcessing=None

Transformation=None

[Vacuum]

ChPressure=3.97e-05

Gas=

UserMode=High vacuum

Humidity=

[Specimen]

Temperature=

SpecimenCurrent=0

CryoShieldTemperature=

CryoStageTemperature=

[Detectors]

Number=1

Name=TLD

Mode=SE

[TLD]

Contrast=94.324

Brightness=22.9493

Signal=SE

ContrastDB=61.1978

BrightnessDB=-6.49225

SuctionTube=70

Mirror=-15

MinimumDwellTime=1e-07

[Accessories]

Number=0

[PrivateFei]

BitShift=0

DataBarSelected=PW DateTime HV mag WD LensMode tilt curr Label MicronBar

DataBarAvailable=LensMode srot frame dwell curr WD PW mag HFW x y z tilt rotation filter det
DateTime mode driftCorr pressure zoom HV Label MicronBar

TimeOfCreation=07.12.2022 17:55:43

DatabarHeight=0

[HiResIllumination]

BrightFieldsOn=

BrightFieldValue=

DarkFieldsOn=

DarkFieldValue=

[EasyLift]

Rotation=0

[HotStageMEMS]

HeatingCurrent=

HeatingVoltage=

TargetTemperature=

ActualTemperature=

HeatingPower=

SampleBias=

SampleResistance=

[HotStage]

TargetTemperature=

ActualTemperature=

SampleBias=

ShieldBias=

[HotStageHVHS]

TargetTemperature=

ActualTemperature=

SampleBias=

ShieldBias=

[ColdStage]

TargetTemperature=

ActualTemperature=

Humidity=

SampleBias=

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V00 Y00 \00 _00 b00 e00 h00 k00 n00 q00 t00 w00 z00
}0 77u/PD94bWwgdMvYc2lvbj0iMS4wliB1bmNvZGluzZ0idXRmLTgiPz48TWVtZW50b0l0ZW1Db2xsZW
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RwOi8vd3d3LnczLm9yZy8yMDAxL1hNTFNjaGVtYS1pbnM6ZDIwMTp0eXBIPsJxMTpzdHJpbmciIHhtbG5zOm
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DE6dHlwZT0icTE6c3RyaW5nliB4bWxuczpkOXAxPSJodHRwOi8vd3d3LnczLm9yZy8yMDAxL1hNTFNjaG
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nExPSJodHRwOi8vd3d3LnczLm9yZy8yMDAxL1hNTFNjaGVtYSIgZDlwMTp0eXBIPSjxMTpkb3VibGUilHh
tbG5zOmQ5cDE9Imh0dHA6Ly93d3cudzMub3JnLzlwMDEvWE1MU2NoZW1hLWluc3RhbmNllj4wLjAz
NDM3NDk5OTk5OTk5OTk5NjwvYW55VHlwZT48L01lbWVudG9JdGVtPjwvdmFsdWU+PC9pdGVtPjxpd
GVtPjxrZXk+PHN0cmduZz5GcmFtZVRpbWU8L3N0cmduZz48L2tleT48dmFsdWU+PE1lbWVudG9JdGVtP
jxOYW1lPkZyYW1lVGlhZTwwTmFtZT48TWVtZW50b0l0ZW1Vbml0Pk1lbWVudG9JdGVtVW5pdFNlY29u
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L1hNTFNjaGVtYSIgZDlwMTp0eXBIPSjxMTpkb3VibGUilHhtbG5zOmQ5cDE9Imh0dHA6Ly93d3cudzMu
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vbGVhbiigeG1sbnM6ZDlwMT0iaHR0cDovL3d3dy53My5vcmcvMjAwMS9YUxTY2h1bWEtaW5zdGFuY
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PSJodHRwOi8vd3d3LnczLm9yZy8yMDAxL1hNTFNjaGVtYSIgZDEzDE6dHlwZT0icTE6ZG91YmxiB4bW
xuczpkMTNwMT0iaHR0cDovL3d3dy53My5vcmcvMjAwMS9YUxTY2h1bWEtaW5zdGFuY2UiPjEuNjU2
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Date=12/07/2022

Time=05:55:43 PM

User=Supervisor

UserText=

UserTextUnicode=

[System]

Type=DualBeam

Dnumber=9952064

Software=17.21.0.16195
BuildNr=16195
Source=FEG
Column=Elstar
FinalLens=Elstar
Chamber=xT-SDB
Stage=110 x 110
Pump=TMP
ESEM=no
Aperture=AVA
Scan=PIA 4
Acq=PIA 4
EucWD=0.00397141
SystemType=Helios 5 Hydra CX
DisplayWidth=0.518
DisplayHeight=0.324

[Beam]

HV=1200
Spot=-7
StigmatorX=0.130175
StigmatorY=0.00542098
BeamShiftX=-5.25312e-08
BeamShiftY=2.45133e-11
ScanRotation=3.14159
ImageMode=Normal
FineStageBias=
Beam=EBeam
Scan=EScan

[EBeam]

Source=FEG
ColumnType=Elstar
FinalLens=Elstar
Acq=PIA 4
Aperture=AVA
ApertureDiameter=2.26e-05
HV=1200
HFW=1.65688e-05
VFW=1.10458e-05
WD=0.00399685
BeamCurrent=6.25e-12
TiltCorrectionIsOn=no
DynamicFocusIsOn=no
DynamicWDIsOn=
ScanRotation=3.14159
LensMode=Immersion
LensModeA=
ATubeVoltage=
UseCase=
SemOpticalMode=
ImageMode=Normal
SourceTiltX=0.00208333
SourceTiltY=-0.01
StageX=0.00366032
StageY=0.00283763
StageZ=0.00397095
StageR=-1.2042
StageTa=0.750466
StageTb=0
StigmatorX=0.130175
StigmatorY=0.00542098

BeamShiftX=-5.25312e-08
BeamShiftY=2.45133e-11
EucWD=0.00397141
EmissionCurrent=
TiltCorrectionAngle=0
PreTilt=0
WehneltBias=
BeamMode=N-Beam
MagnificationCorrection=Off
AngularFieldWidth=
AngularPixelWidth=
ElectronChannelingPatternsIsOn=
MagnificationSinglePointCorrection.x=1
MagnificationSinglePointCorrection.y=1
OrthogonalitySinglePointCorrection=0
ScanRotationSinglePointCorrection=0
MagnificationSinglePointCorrectionIsOn=Off

[GIS]

Number=0

[Scan]

InternalScan=true
Dwelltime=1e-07
PixelWidth=2.69674e-09
PixelHeight=2.69674e-09
HorFieldsize=1.65688e-05
VerFieldsize=1.10458e-05
Average=0
Integrate=1
FrameTime=140.8

[EScan]

Scan=PIA 4

InternalScan=true

Dwell=1e-07

PixelWidth=2.69674e-09

PixelHeight=2.69674e-09

HorFieldsize=1.65688e-05

VerFieldsize=1.10458e-05

FrameTime=140.8

LineTime=0.034375

Mainslock=Off

LineIntegration=50

ScanInterlacing=1

[Stage]

StageX=0.00366038

StageY=0.00283762

StageZ=0.00397095

StageR=-1.2042

StageT=0.750475

StageTb=0

SpecTilt=0

WorkingDistance=0.00399685

ActiveStage=Bulk

StageRawX=0.00276542

StageRawY=0.00329025

StageRawZ=0.0319381

StageRawR=-1.2042

StageRawT=0.750475

StageRawTb=0

[Image]

DigitalContrast=1

DigitalBrightness=0

DigitalGamma=1

Average=0

Integrate=1

ResolutionX=6144

ResolutionY=4096

DriftCorrected=Off

ZoomFactor=1.000000

ZoomPanX=0.500000

ZoomPanY=0.500000

MagCanvasRealWidth=0.41440

MagnificationMode=2

ScreenMagCanvasRealWidth=0.41440

ScreenMagnificationMode=1

PostProcessing=None

Transformation=None

[Vacuum]

ChPressure=3.97e-05

Gas=

UserMode=High vacuum

Humidity=

[Specimen]

Temperature=

SpecimenCurrent=0

CryoShieldTemperature=

CryoStageTemperature=

[Detectors]

Number=1

Name=TLD

Mode=SE

[TLD]

Contrast=94.324

Brightness=22.9493

Signal=SE

ContrastDB=61.1978

BrightnessDB=-6.49225

SuctionTube=70

Mirror=-15

MinimumDwellTime=1e-07

[Accessories]

Number=0

[PrivateFei]

BitShift=0

DataBarSelected=PW DateTime HV mag WD LensMode tilt curr Label MicronBar

DataBarAvailable=LensMode srot frame dwell curr WD PW mag HFW x y z tilt rotation filter det
DateTime mode driftCorr pressure zoom HV Label MicronBar

TimeOfCreation=07.12.2022 17:55:43

DatabarHeight=0

[HiResIllumination]

BrightFieldIsOn=

BrightFieldValue=

DarkFieldIsOn=

DarkFieldValue=

[EasyLift]

Rotation=0

[HotStageMEMS]

HeatingCurrent=

HeatingVoltage=

TargetTemperature=

ActualTemperature=

HeatingPower=

SampleBias=

SampleResistance=

[HotStage]

TargetTemperature=

ActualTemperature=

SampleBias=

ShieldBias=

[HotStageHVHS]

TargetTemperature=

ActualTemperature=

SampleBias=

ShieldBias=

[ColdStage]

TargetTemperature=

ActualTemperature=

Humidity=

SampleBias=