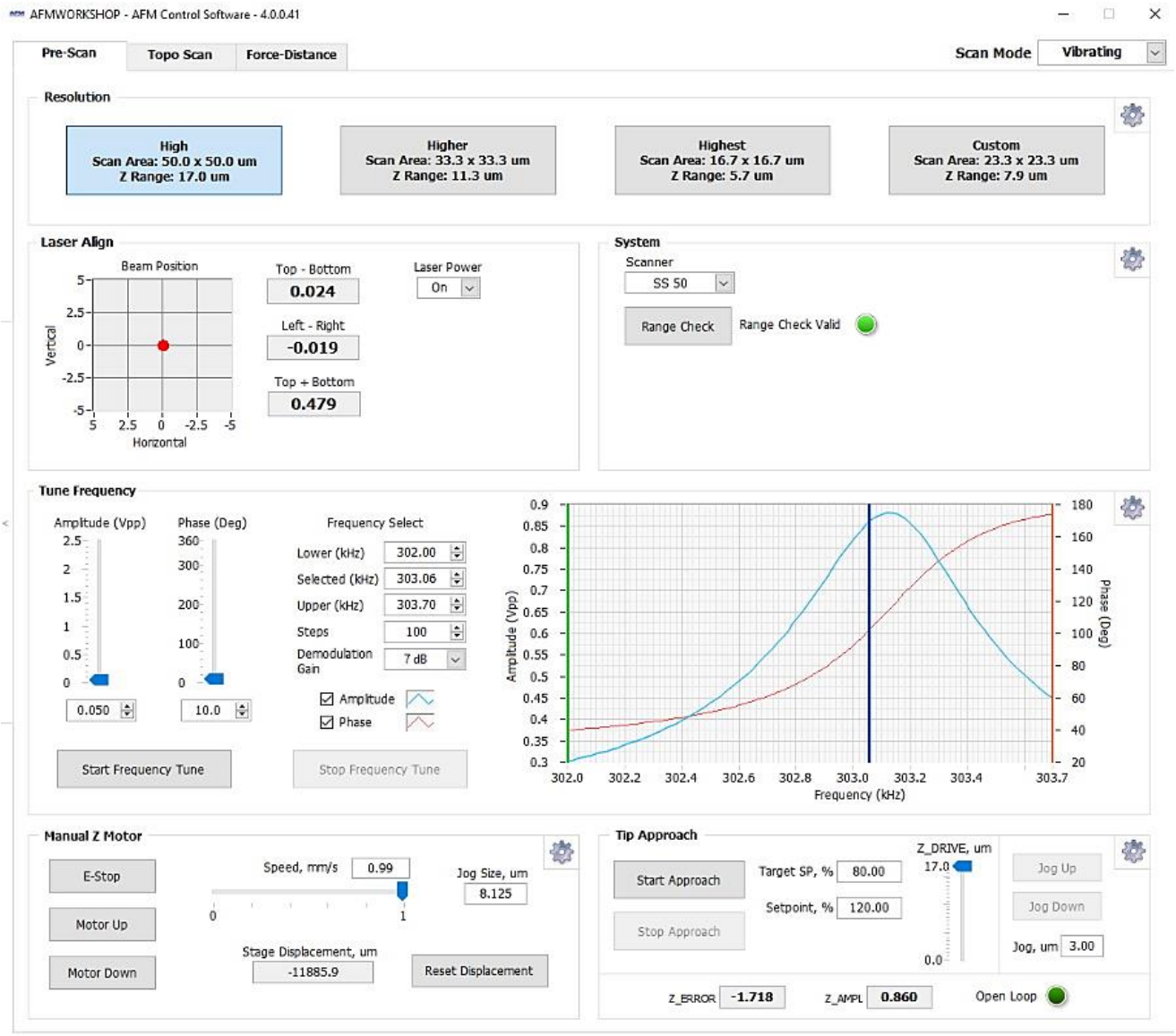
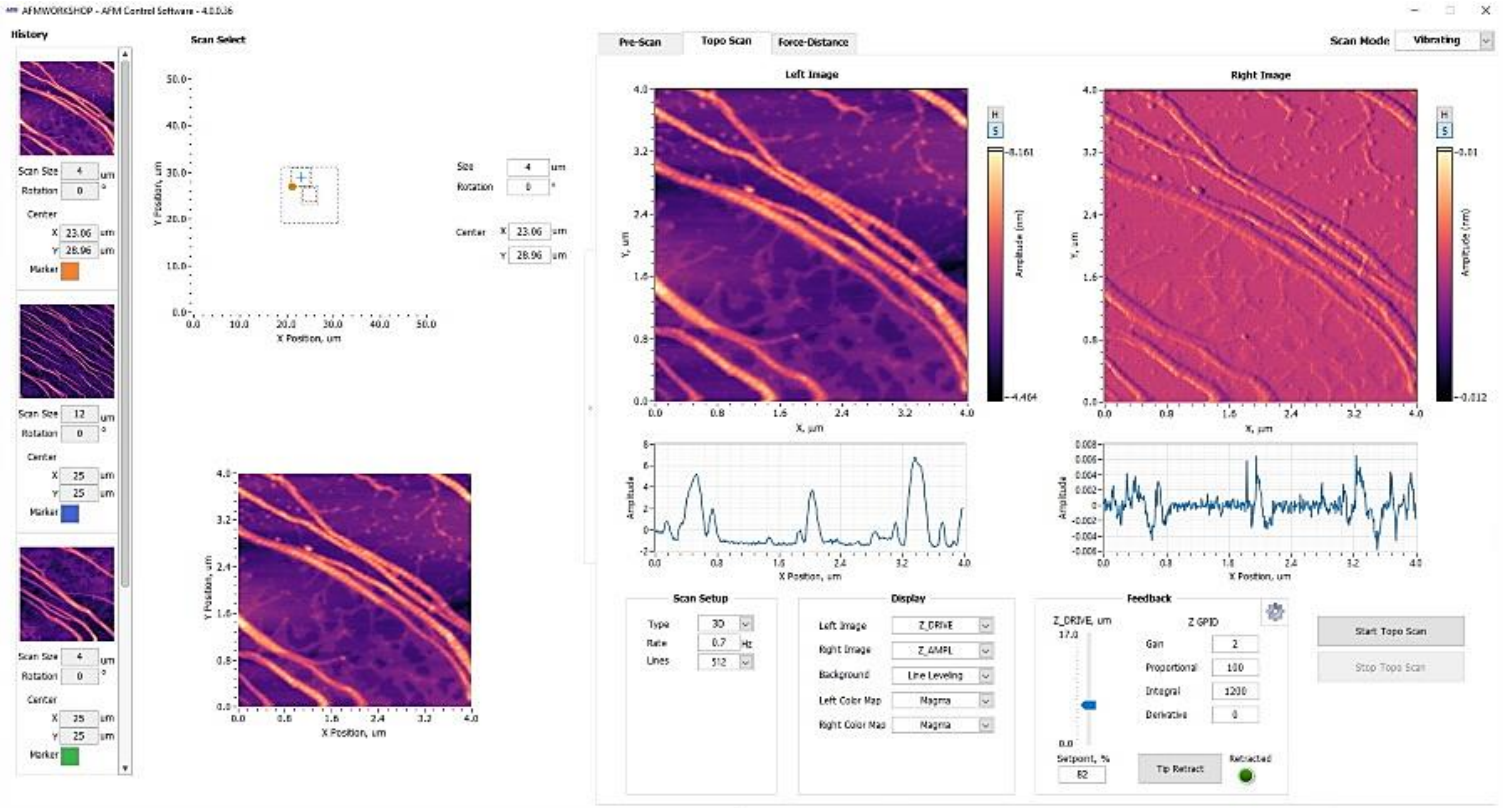
Software


AFMWORKSHOP - AFM Control Software - 4.0.0.41
Pre-Scan
Topo Scan
Force-Distance
Scan Mode
Vibrating
Resolution
High
Scan Area: 50.0 x 50.0 um
Z Range: 17.0 um
Higher
Scan Area: 33.3 x 33.3 um
Z Range: 11.3 um
Highest
Scan Area: 16.7 x 16.7 um
Z Range: 5.7 um
Custom
Scan Area: 23.3 x 23.3 um
Z Range: 7.9 um
Laser Align
Beam Position
Vertical
Horizontal
Top - Bottom
0.024
Left - Right
-0.019
Top + Bottom
0.479
Laser Power
On
System
Scanner
SS 50
Range Check
Range Check Valid
Tune Frequency
Amplitude (Vpp)
Phase (Deg)
Frequency Select
Lower (kHz)
302.00
Selected (kHz)
303.06
Upper (kHz)
303.70
Steps
100
Demodulation Gain
7 dB
Amplitude
Phase
0.050
10.0
Start Frequency Tune
Stop Frequency Tune
Amplitude (Vpp)
Phase (Deg)
Frequency (kHz)
Manual Z Motor
E-Stop
Motor Up
Motor Down
Speed, mm/s
0.99
Jog Size, um
8.125
Stage Displacement, um
-11885.9
Reset Displacement
Tip Approach
Start Approach
Stop Approach
Target SP, %
80.00
Setpoint, %
120.00
Z_DRIVE, um
17.0
0.0
Jog Up
Jog Down
Jog, um
3.00
Z_ERROR
-1.718
Z_AMPL
0.860
Open Loop


AFMWORKSHOP - AFM Control Software - 4.0.0.36
History
Scan Select
Pre-Scan
Topo Scan
Force-Distance
Scan Mode
Vibrating
Left Image
Right Image
Scan Size
Rotation
Center
Marker
Size
Amplitude (nm)
X Position, um
Y Position, um
Scan Setup
Display
Feedback
Z_DRIVE, um
Z GPID
Gain
Proportional
Integral
Derivative
Setpoint, %
Tip Retract
Retracted
Start Topo Scan
Stop Topo Scan