

F-d curves and amplitude-distance curves

You can collect the Amplitude distance curves in your XEP version i.e., Go to F/D curves/Select NCM Amplitude. So that you can able to acquire amplitude vs distance curves simultaneously with f/d curves.

Note: In order to make sure the amplitude distance curve work, Go to preferences and select tip oscillation in spectroscopy prior acquiring data. Refer attached screenshots for further information.

Best Regards,
Phani

FD Spectroscopy 2.0 Control

Z Control

Relative Z Position (Auto ZOffset)

Z Highest : 2.000 μm Z Lowest : -3.000 μm

Down Speed : 0.30 $\mu\text{m/s}$ Up Speed : 0.30 $\mu\text{m/s}$

Z Offset : 1.000 μm Force Limit : 2,548.73 nN

Etc.

Set Point : 424.79 nN # of Data : 512

est. time : 0h 00m 33s


 2D Mapping

Repeat

2 times

XYStage ...

Palette



Zoom 100 %

Input Config

Selected Input	Unit	LPF
<input checked="" type="checkbox"/> Z Scan	μm	0.00
<input checked="" type="checkbox"/> Height	μm	0.00
<input checked="" type="checkbox"/> Force	nN	0.00
<input checked="" type="checkbox"/> NCM Amplitude	μm	0.00
<input type="checkbox"/> Lateral Force	V	0.00

