# Change the default unit of WVASE environment

# Woollam Ellipsometer

2021/02/03 Settasit

#### >> Open the environment

V.A.S.E. for Windows [Ito se\_jv\_angstrom]

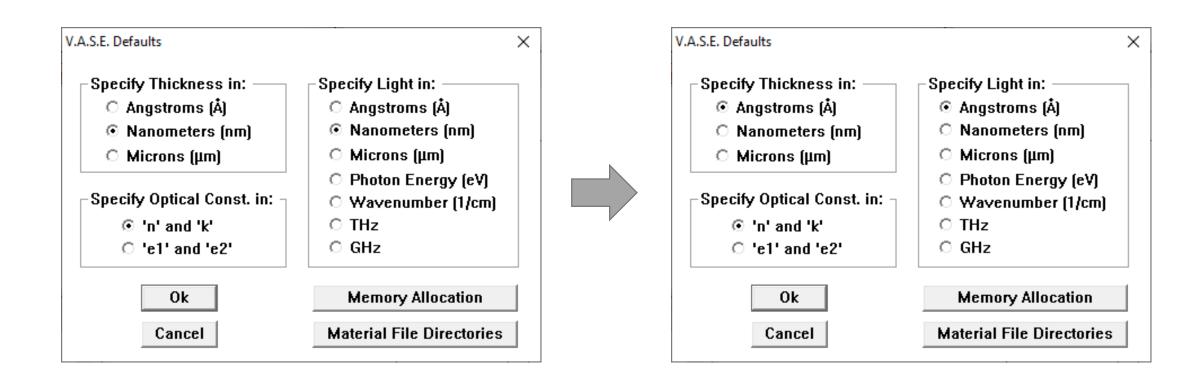
– 0 ×

File Range Select Angles Delete Data Change Data Type Window Global Hodel: A Experimental Data: Ito spectroscopic scan - • × FlexAl LTO Selected Type nm Angle Data 2 srough 3.934 nm # E: 210.31 65.00 10.86±0.27 18.768±1.41 1 GenOsc 26.933 nm # E: 211.9 65.00 10.225±0.26 19.96±1.41 > 0 si jaw 1 mm # E: 213.49 65.00 10.563±0.23 23.315±1.21 # E: 215.08 65.00 10.107±0.24 22.403±1.26 # E: 216.67 65.00 9.5131±0.24 18.949±1.28 # E: 218.26 65.00 9.801±0.19 18.771±0.98 # E: 219.85 65.00 8.6795±0.15 21.563±0.85 # E: 221.44 65.00 8.6012±0.16 20.887±0.88 # E: 223.03 65.00 8.0172±0.14 18.471±0.81 # E: 224.62 65.00 7.8392±0.13 19.94±0.77 # E: 226.21 65.00 7.3828±0.11 18.948±0.69 # E: 227.81 65.00 6.9857±0.10 16.889±0.63 #E: 229.4 65.00 6.6537±0.09 17.1±0.55 # E: 230.99 65.00 6.1184±0.09 14.934±0.57 # E: 232.58 65.00 5.4742±0.09 11.684±0.61 # E: 234.17 65.00 5.113±0.08 8.7367±0.57 # E: 235.76 65.00 4.6409±0.08 1.6176±0.60 🔗 Graph ♂ Generated Data: - • × - • × Generated and Experimental Type nm Angle Data 100 E: 210.31 65.00 10.096 9.6406 E: 211.9 65.00 9.9228 11.975 E: 213.49 65.00 9.7156 14.036 — Model Fit E: 215.08 65.00 9.4753 15.826 80 E: 216.67 65.00 9.2031 17.343 ---- Exp E 65° E: 218.26 65.00 8.9007 18.573 ---- Exp E 70° E: 219.85 65.00 8.5702 19.493 - - Exp E 75° E: 221.44 65.00 8.2147 20.069 The the the tensor the tensor tens E: 223 03 65 00 7 8402 20 246 60 🧬 Fit - • × 40 20 0 300 600 900 1200 1500 0 1800 Wavelength (nm)

## >> Click Global at the top right corner (or right click on the bottommost window of WVASE)

e Range Select Angles Delete Data Change Data Type  Model:	Window Help
2 srough     3.934 nm       1 GenOsc     26.933 nm       > 0 si_jaw     1 mm	Defaults
	Load new environment
	Save current environment
	Run WVASE Tools
	Debug Clip
	About
	1 C:\Users\Labmember\Downloads\lto se_jv_angstrom.env
	2 C:\Users\Labmember\Downloads\LTO SE JV.env
	3 C:\Users\Labmember\Documents\Yi-Shiou Woollam\GMR v2 related Characterization_Quartz_Si3N4_beforeAfter_SpinCoatCleviousPEDOT\clevious spin coat num5 try fitting.env
	4 C:\Users\Labmember\Desktop\sdos\7-Jan-21 spincoated PEDOT on ITO\pedot_clevios_1.env
	5 C:\Users\Labmember\Documents\Yi-Shiou Woollam\Duh Yi-Shiou Woollam backup 12112020\GMR v2 related Characterization_Quartz_Si3N4_beforeAfter_SpinCoatCleviousPEDOT\quartz wafer location 1 isotropic cauchy.env
	6 C:\Users\Labmember\Documents\Yi-Shiou Woollam\Duh Yi-Shiou Woollam backup 12112020\GMR v2 related Characterization_Quartz_Si3N4_beforeAfter_SpinCoatCleviousPEDOT\lpcvd si3n4 on quartz wafer2 doubled cauchy.env
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	C:\Users\Labmember\Desktop\sdos\11-10-20 morning\trial 2\side2quartz only.env
213.49 65.00 9.7156 14.036	C:\Users\Labmember\Desktop\sdos\11-10-20 morning\training.env
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216.67 65.00 9.2031 17.343 218.26 65.00 8.9007 18.573	C:\Users\Labmember\Desktop\sdos\7-Jan-21 spincoated PEDOT on ITO\pedot_clevios_position2.env
219.85 65.00 8.5702 19.493	C:\Users\Labmember\Desktop\sdos\7-Jan-21 p(g3T2) on ITOfrom Ali\inside purple region polymer only.env
221.44 65.00 8.2147 20.069 223.03 65.00 7.8402 20.246	C:\Users\Labmember\Desktop\sdos\7-Jan-21 p(g3T2) on ITOfrom Ali\underneath region ito probs.env
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	.⊆ 40 – –
	$\rightarrow$
	20
	0 300 600 900 1200 1500 1800
	Wavelength (nm)

#### >> Change the unit from nm to Angstroms (A)



### >> Save the current environment

V.A.S.E. for Windows [Ito se_jv_angstrom]		– 0 ×
ile Range Select Angles Delete Data Change Data Type		Window Globa
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2 srough 39.34 Å	Load new environment	
1 GenOsc 269.33 Å	Save current environment	
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	Debug Clip	
	About	
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	3 C:\Users\Labmember\Documents\Yi-Shiou Woollam\GMR v2 related Characterization_Quartz_Si3N4_beforeAfter_SpinCoatCleviousPEDOT\clevious spin coat num5 try fitting.env	
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E: 2119 65.00 9.9228 11.975		
E: 2134.9 65.00 9.7156 14.036 E: 2150.8 65.00 9.4753 15.826	C:\Users\Labmember\Desktop\sdos\11-10-20 morning\training.env	
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E: 2182.6 65.00 8.9007 18.573	C:\Users\Labmember\Desktop\sdos\7-Jan-21 spincoated PEDOT on ITO\pedot_clevios_position2.env	
E: 2198.5 65.00 8.5702 19.493 E: 2214.4 65.00 8.2147 20.069	C:\Users\Labmember\Desktop\sdos\7-Jan-21 p(g3T2) on ITOfrom Ali\inside purple region polymer only.env	
- 2230 3 65 00 7 8402 20 246	C:\Users\Labmember\Desktop\sdos\7-Jan-21 p(g3T2) on ITOfrom Ali\underneath region ito probs.env	
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