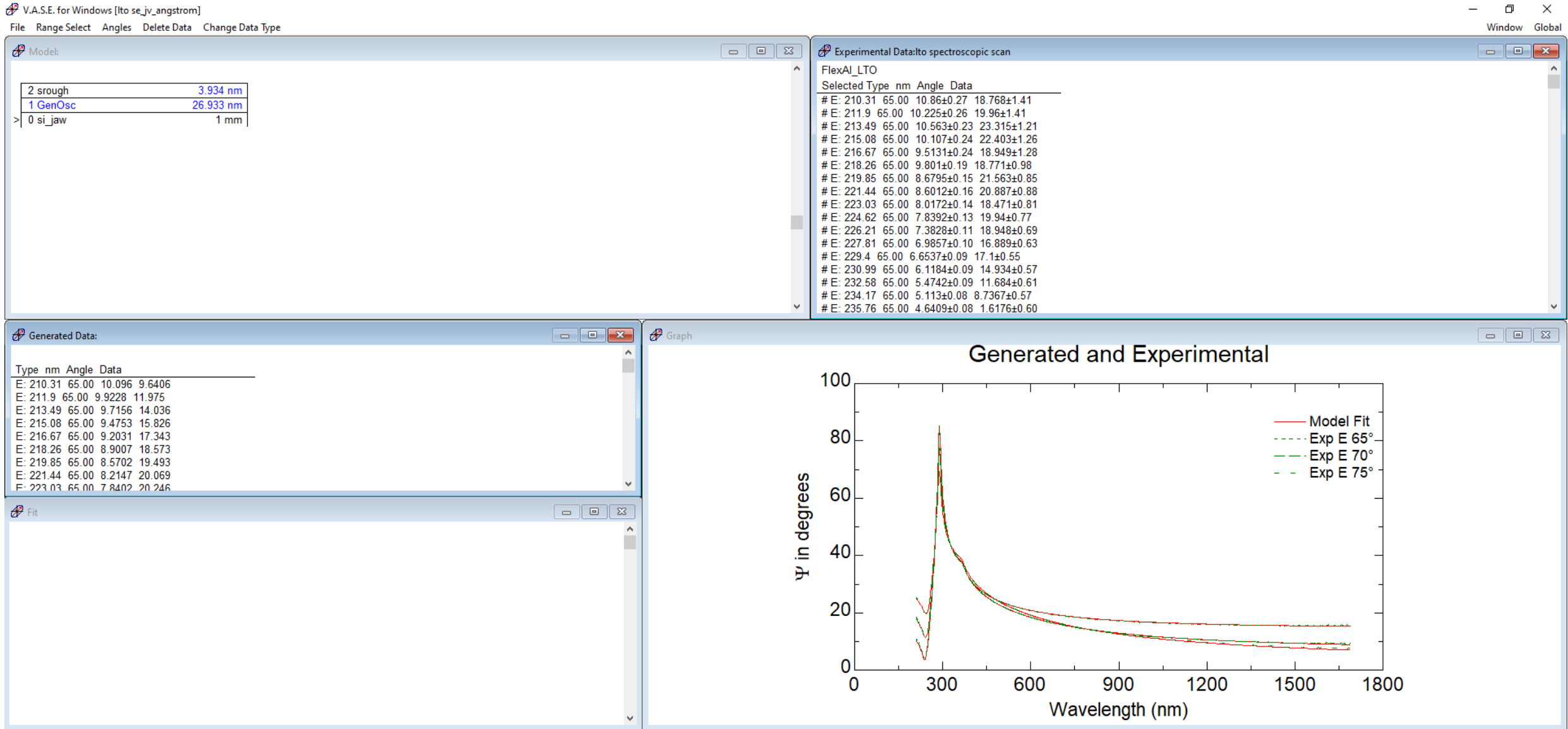


Change the default unit of WVASE environment

Woollam Ellipsometer

>> Open the environment



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

V.A.S.E. for Windows [lto_se_jv_angstrom]

File Range Select Angles Delete Data Change Data Type

Model:

2 srough	3.934 nm
1 GenOsc	26.933 nm
> 0 si_jaw	1 mm

Generated Data:

Type	nm	Angle	Data
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
E:	215.08	65.00	9.4753 15.826
E:	216.67	65.00	9.2031 17.343
E:	218.26	65.00	8.9007 18.573
E:	219.85	65.00	8.5702 19.493
E:	221.44	65.00	8.2147 20.069
F:	223.03	65.00	7.8402 20.246

Fit

Help

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_SpinCoatCleviosPEDOT\clevios 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_SpinCoatCleviosPEDOT\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_SpinCoatCleviosPEDOT\pcvd si3n4 on quartz wafer2 doubled cauchy.env
7 c:\users\labmember\documents\yi-shiou woollam\gmr v2 related characterization_quartz_si3n4_beforeafter_spincoatcleviospedot\clevios spin coat num5.env
8 c:\users\labmember\desktop\sdos\woollam tutorial\pcvd si3n4 on si wafer location 4 cauchy_sid.env
9 C:\Users\Labmember\Documents\Yi-Shiou Woollam\Duh Yi-Shiou Woollam backup 12112020\GMR v2 related Characterization_Quartz_Si3N4_beforeAfter_SpinCoatCleviosPEDOT\pcvd si3n4 on si wafer location 4 cauchy.env
C:\Users\Labmember\Documents\lra\corning glass pi genosc_2 better fit_lce_3_biaxial cauchy_fit 1.env
C:\Users\Labmember\Documents\Yi-Shiou Woollam\Duh Yi-Shiou Woollam backup 12112020\PEDOT on Si wafer scale\pedot on si wafer.env
C:\Users\Labmember\Documents\Yonas\Data\PPA Temperature Testing 2020-21\Fixed Time (10 min) 20201208\sample31_160c_center.env
C:\Users\Labmember\Desktop\sdos\11-10-20 morning\trial 2\side2quartz only.env
C:\Users\Labmember\Desktop\sdos\11-10-20 morning\training.env
C:\Users\Labmember\Desktop\sdos\7-Jan-21 spincoated PEDOT on ITO\ito_only.env
C:\Users\Labmember\Desktop\sdos\7-Jan-21 spincoated PEDOT on ITO\pedot_clevios_position2.env
C:\Users\Labmember\Desktop\sdos\7-Jan-21 p(g3T2) on ITOfrom Ali\inside purple region polymer only.env
C:\Users\Labmember\Desktop\sdos\7-Jan-21 p(g3T2) on ITOfrom Ali\underneath region ito probs.env
C:\Users\Labmember\Documents\lra\corning glass pi genosc_2 better fit_lce_3_biaxial cauchy_fit 2.env
C:\Users\Labmember\Documents\lra\corning glass pi genosc_2 better fit_lce_2.env

Ψ in d

Wavelength (nm)

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

V.A.S.E. Defaults

Specify Thickness in:

- Angstroms (Å)
- Nanometers (nm)
- Microns (μm)

Specify Optical Const. in:

- 'n' and 'k'
- 'e1' and 'e2'

Specify Light in:

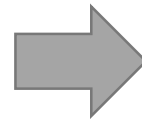
- Angstroms (Å)
- Nanometers (nm)
- Microns (μm)
- Photon Energy (eV)
- Wavenumber (1/cm)
- THz
- GHz

Ok

Cancel

Memory Allocation

Material File Directories



V.A.S.E. Defaults

Specify Thickness in:

- Angstroms (Å)
- Nanometers (nm)
- Microns (μm)

Specify Optical Const. in:

- 'n' and 'k'
- 'e1' and 'e2'

Specify Light in:

- Angstroms (Å)
- Nanometers (nm)
- Microns (μm)
- Photon Energy (eV)
- Wavenumber (1/cm)
- THz
- GHz

Ok

Cancel

Memory Allocation

Material File Directories

>> Save the current environment

V.A.S.E. for Windows [lto_se_jv_angstrom]

File Range Select Angles Delete Data Change Data Type

Model:

2 srough	39.34 Å
1 GenOsc	269.33 Å
> 0 si_jaw	1 mm

Generated Data:

Type	Å	Angle	Data
E:	2103.1	65.00	10.096 9.6406
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
E:	2166.7	65.00	9.2031 17.343
E:	2182.6	65.00	8.9007 18.573
E:	2198.5	65.00	8.5702 19.493
E:	2214.4	65.00	8.2147 20.069
F:	2230.3	65.00	7.8402 20.246

Fit

Help
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_SpinCoatCleviusPEDOT\clevius spin coat num5 try fitting.env
4 C:\Users\Labmember\Desktop\sdos\7-Jan-21 spincoated PEDOT on ITO\pedot_clevius_1.env
5 C:\Users\Labmember\Documents\Yi-Shiou Woollam\Duh Yi-Shiou Woollam backup 12112020\GMR v2 related Characterization_Quartz_Si3N4_beforeAfter_SpinCoatCleviusPEDOT\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_SpinCoatCleviusPEDOT\lpcvd si3n4 on quartz wafer2 doubled cauchy.env
7 c:\users\labmember\documents\yi-shiou woollam\gmr v2 related characterization_quartz_si3n4_beforafter_spincoatcleviuspedot\clevius spin coat num5.env
8 c:\users\labmember\desktop\sdos\woollam tutorial\lpcvd si3n4 on si wafer location 4 cauchy_sid.env
9 C:\Users\Labmember\Documents\Yi-Shiou Woollam\Duh Yi-Shiou Woollam backup 12112020\GMR v2 related Characterization_Quartz_Si3N4_beforeAfter_SpinCoatCleviusPEDOT\lpcvd si3n4 on si wafer location 4 cauchy.env
C:\Users\Labmember\Documents\lra\corning glass pi genosc_2 better fit_lce_3_biaxial cauchy_fit 1.env
C:\Users\Labmember\Documents\Yi-Shiou Woollam\Duh Yi-Shiou Woollam backup 12112020\PEDOT on Si wafer scale\pedot on si wafer.env
C:\Users\Labmember\Documents\Yonas\Data\PPA Temperature Testing 2020-21\Fixed Time (10 min) 20201208\sample31_160c_center.env
C:\Users\Labmember\Desktop\sdos\11-10-20 morning\trial 2\side2quartz_only.env
C:\Users\Labmember\Desktop\sdos\11-10-20 morning\training.env
C:\Users\Labmember\Desktop\sdos\7-Jan-21 spincoated PEDOT on ITO\ito_only.env
C:\Users\Labmember\Desktop\sdos\7-Jan-21 spincoated PEDOT on ITO\pedot_clevius_position2.env
C:\Users\Labmember\Desktop\sdos\7-Jan-21 p(g3T2) on ITOfrom Al\inside purple region polymer only.env
C:\Users\Labmember\Desktop\sdos\7-Jan-21 p(g3T2) on ITOfrom Al\undereath region ito probs.env
C:\Users\Labmember\Documents\lra\corning glass pi genosc_2 better fit_lce_3_biaxial cauchy_fit 2.env
C:\Users\Labmember\Documents\lra\corning glass pi genosc_2 better fit_lce_2.env

Plot showing Ψ in degrees versus Wavelength (Å). The x-axis ranges from 0 to 18000 Å, and the y-axis ranges from 0 to 40 degrees. The plot displays several curves, with a prominent peak around 3000 Å.