NSP32_LabVIEW

Manual

2019/03/22

Hardware connection

NSP32_GPIO	
VDD	UART RX
GND	Reserved
Ready	Reserved
RST	UART TX

USB to TTL Serial Adapter
DTR
UART RX
UART TX
Vcc (3.3V)
CTS
GND
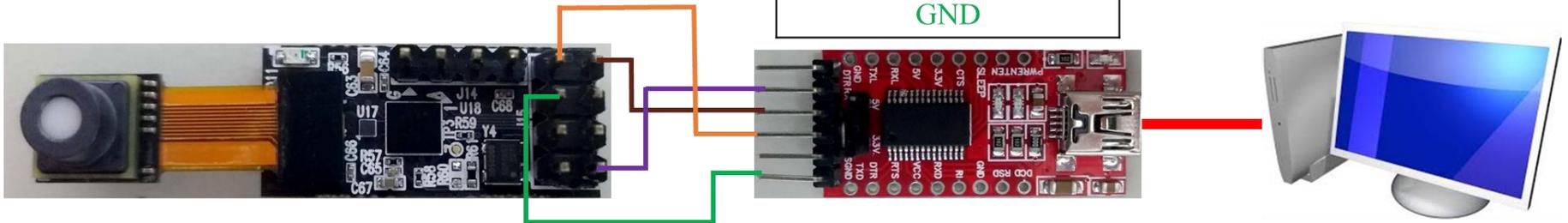
Start LabVIEW example (1/2)

Step1: load 'Demo. vi'
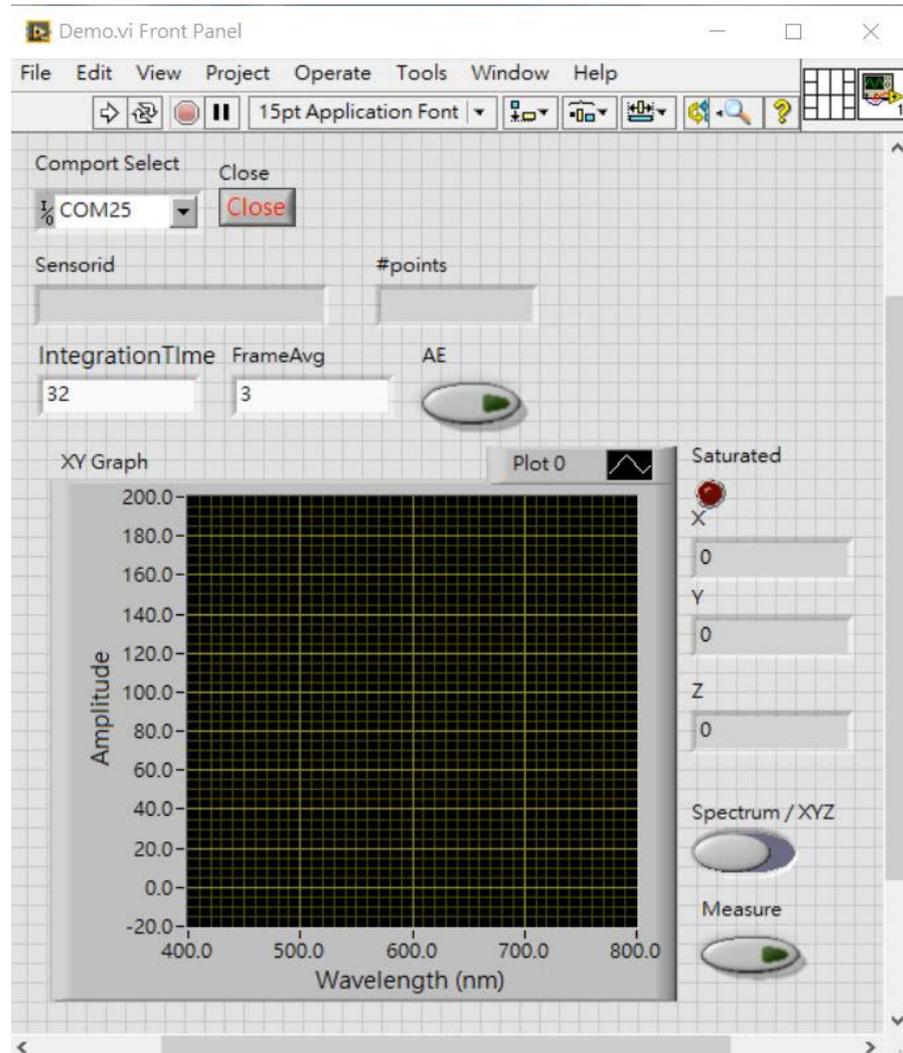
Start LabVIEW example (2/2)

Step2:Select Comport
Step3: Click 'run'
Step4: Click 'measure'
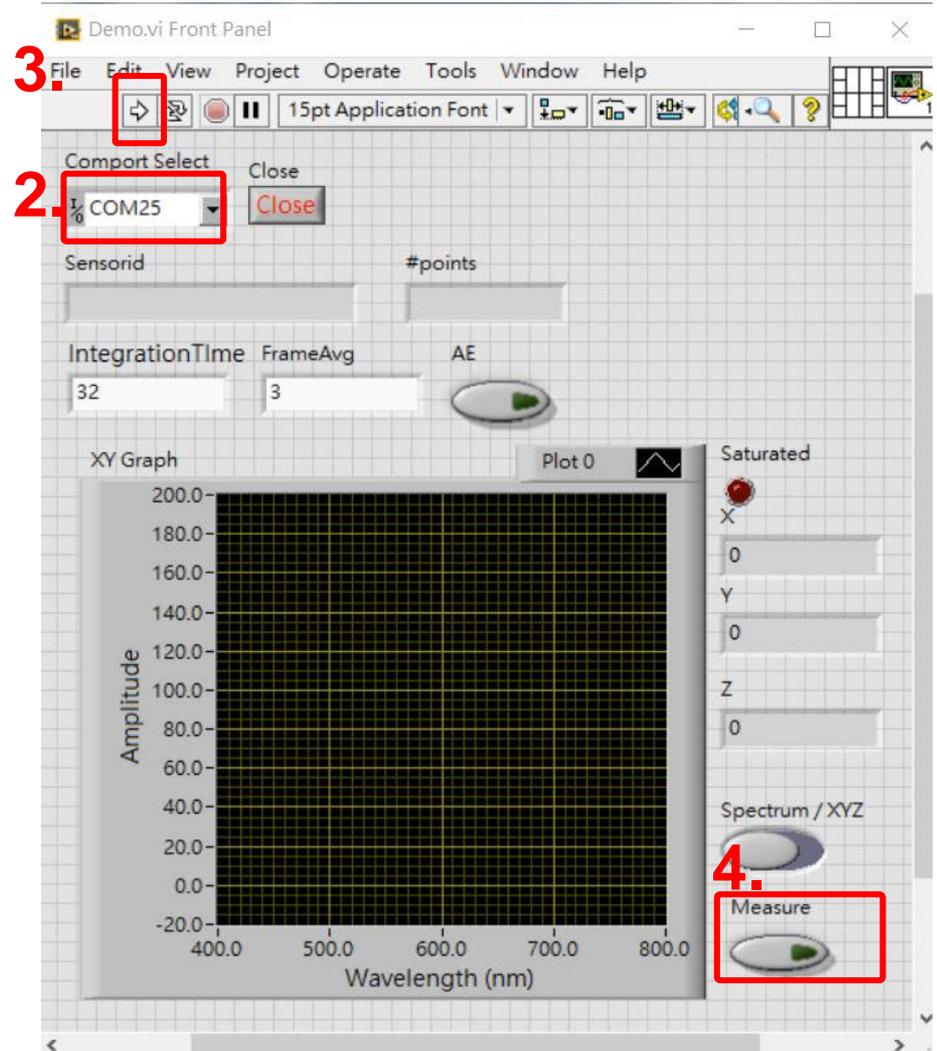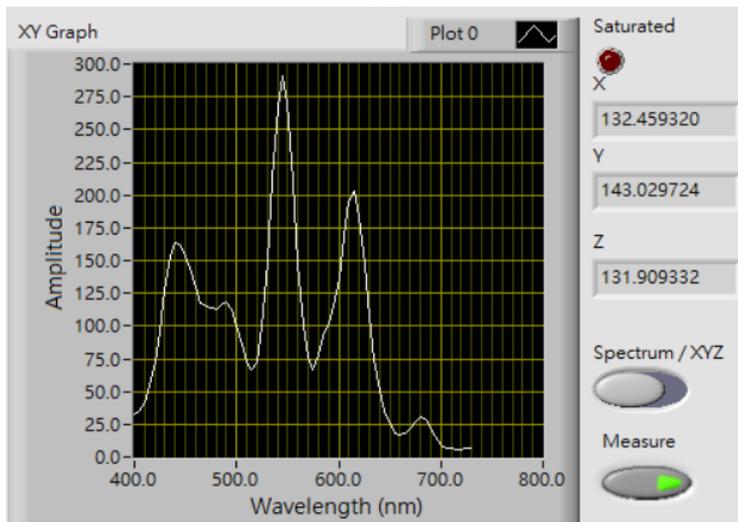
Project overview (1/4)
- initialization
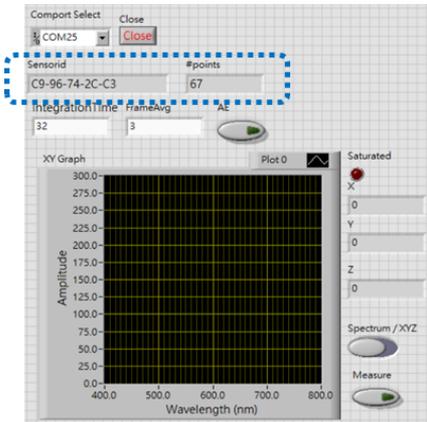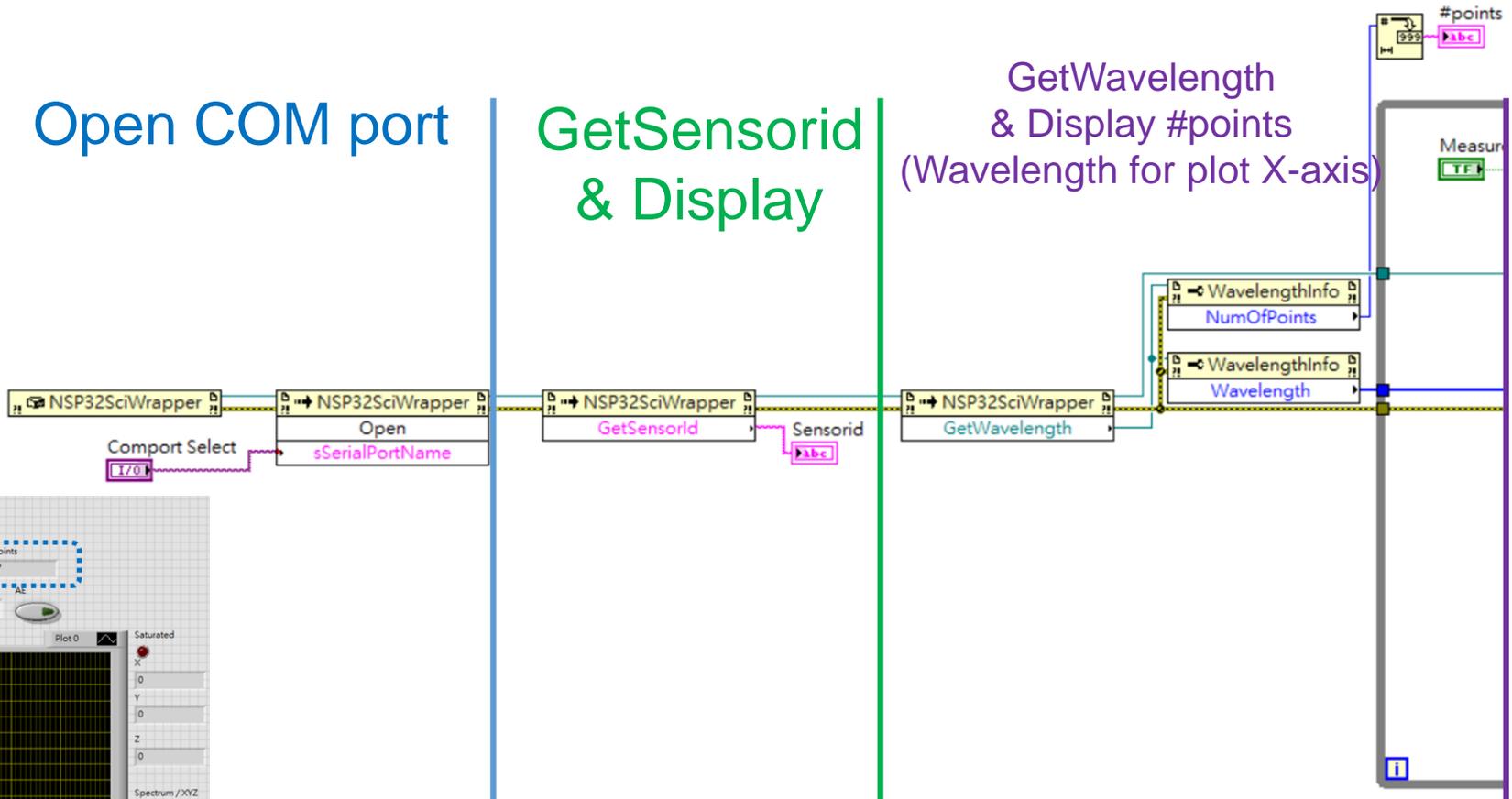
Project overview (2/4)
- Mainloop Measurement
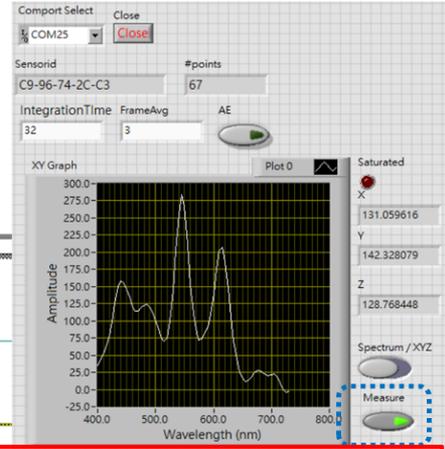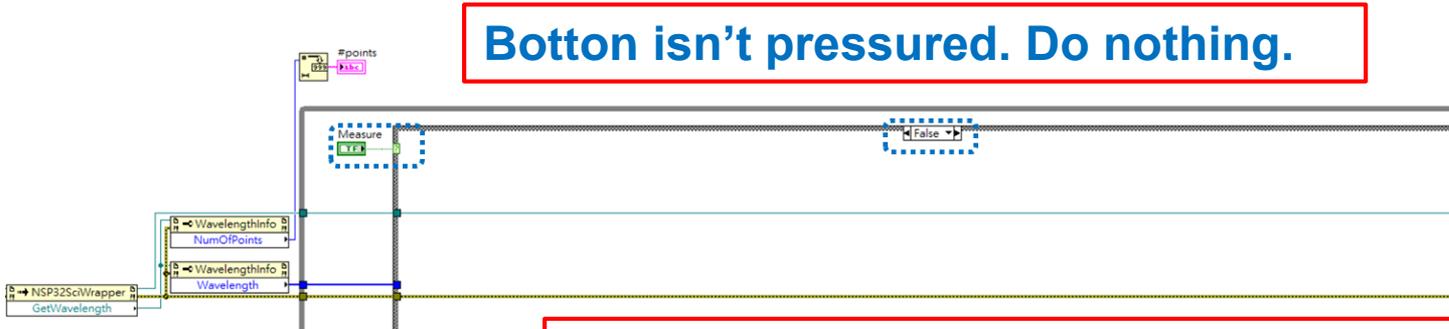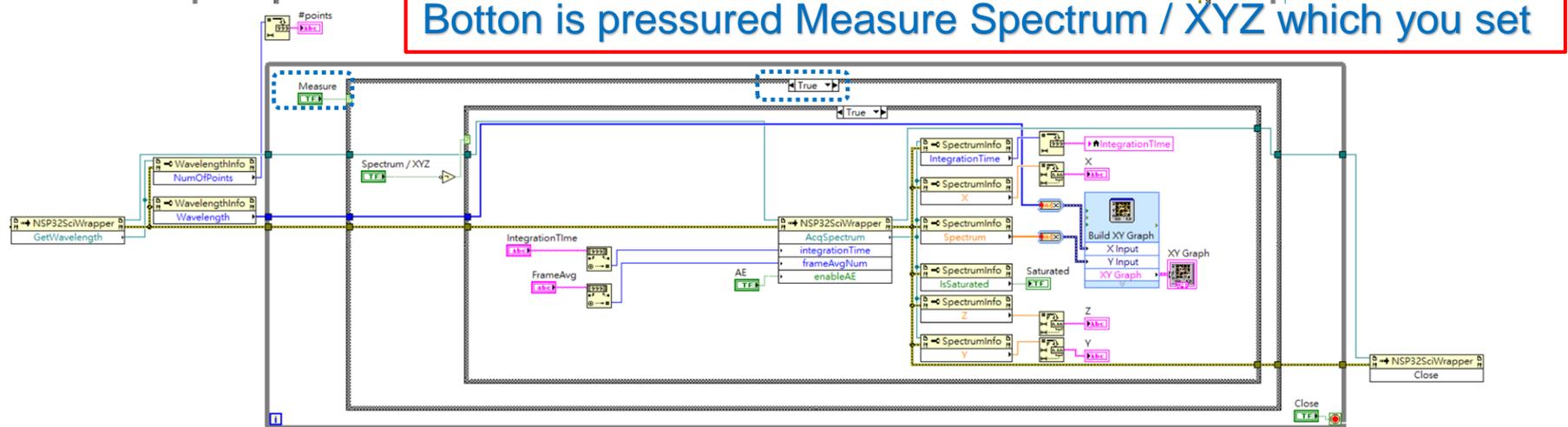
Project overview (3/4)
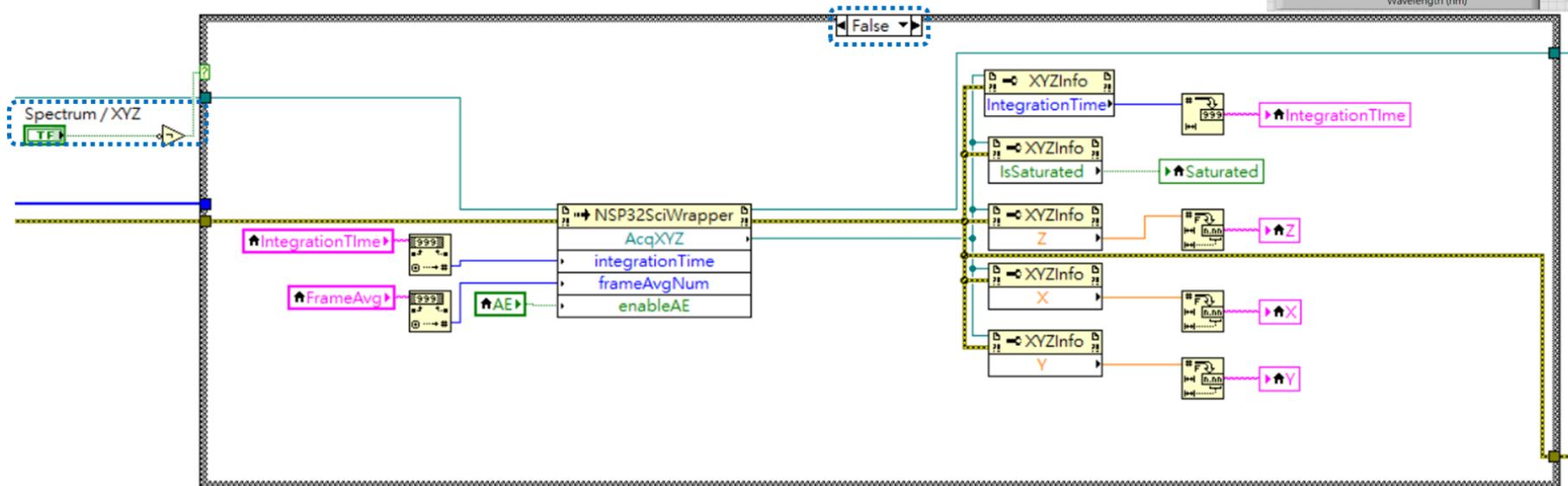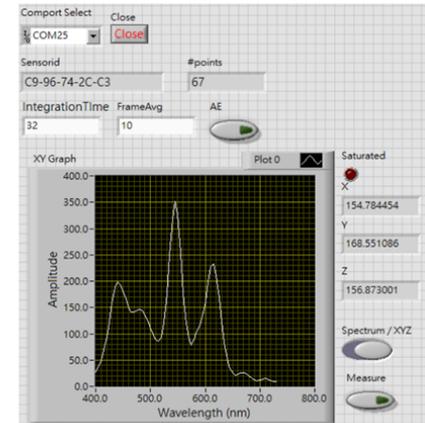# - Spectrum measurement

Spectrum Mode update
Integration Time / XYZ / Spectrum /
Saturated
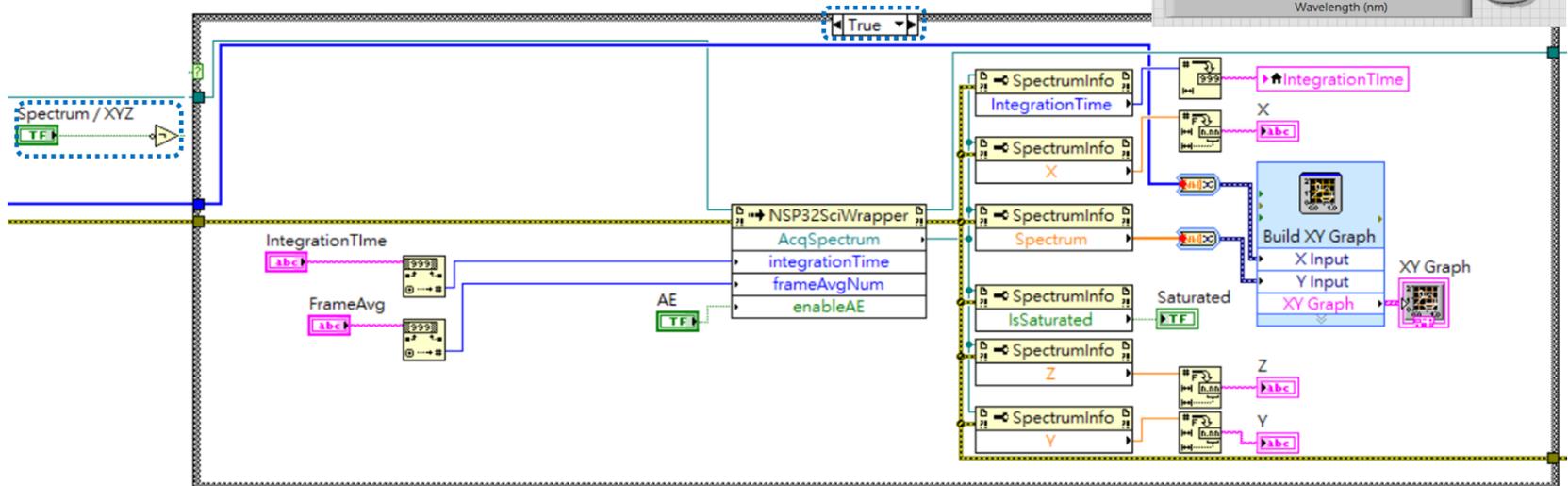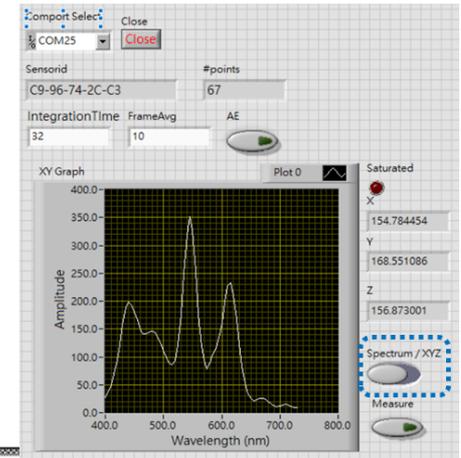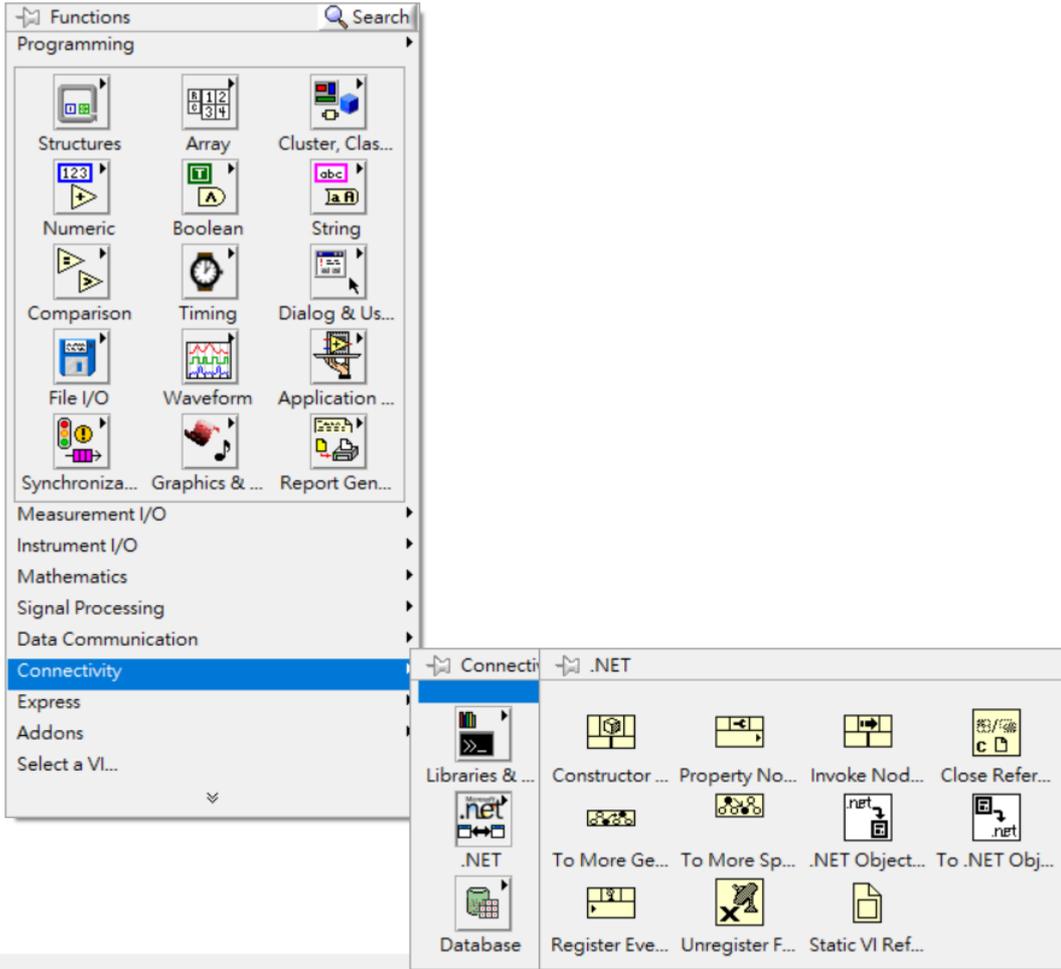
Project overview (4/4)
- XYZ measurement

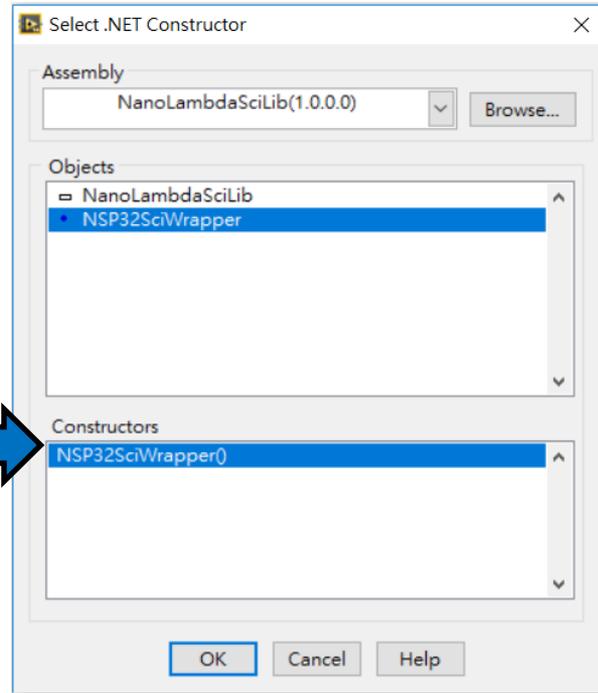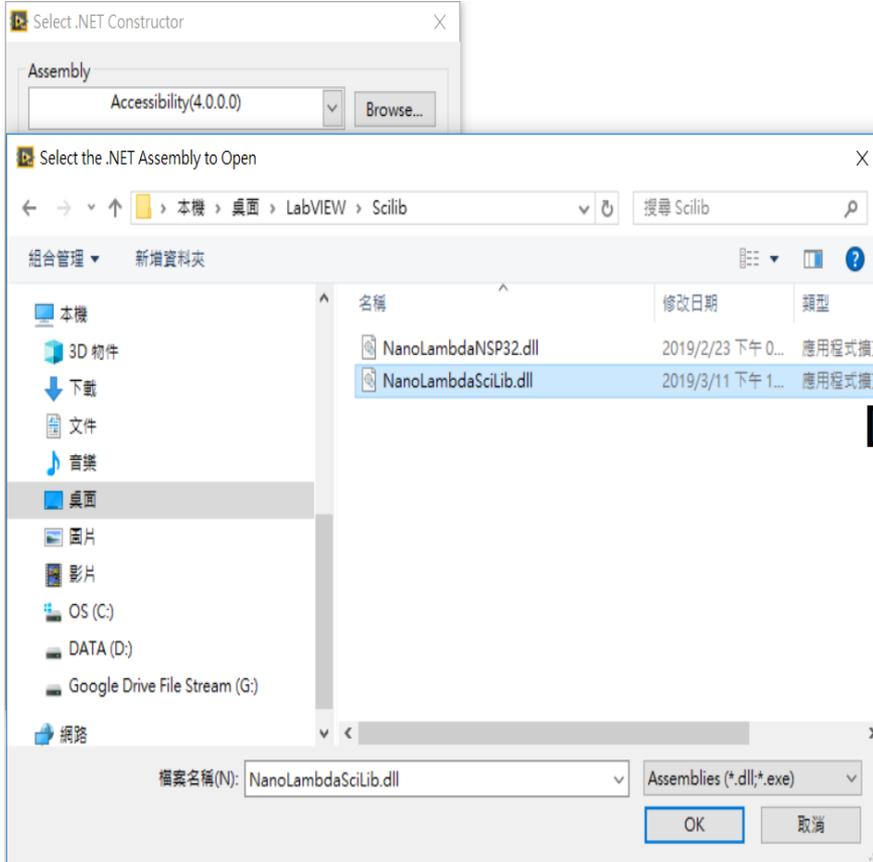XYZ Mode update Integration Time / Saturated / XYZ

Appendix: example of how to use the lib
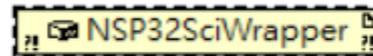
1. Add Connectiveity > .NET > Constructor

Appendix: example of how to use the lib
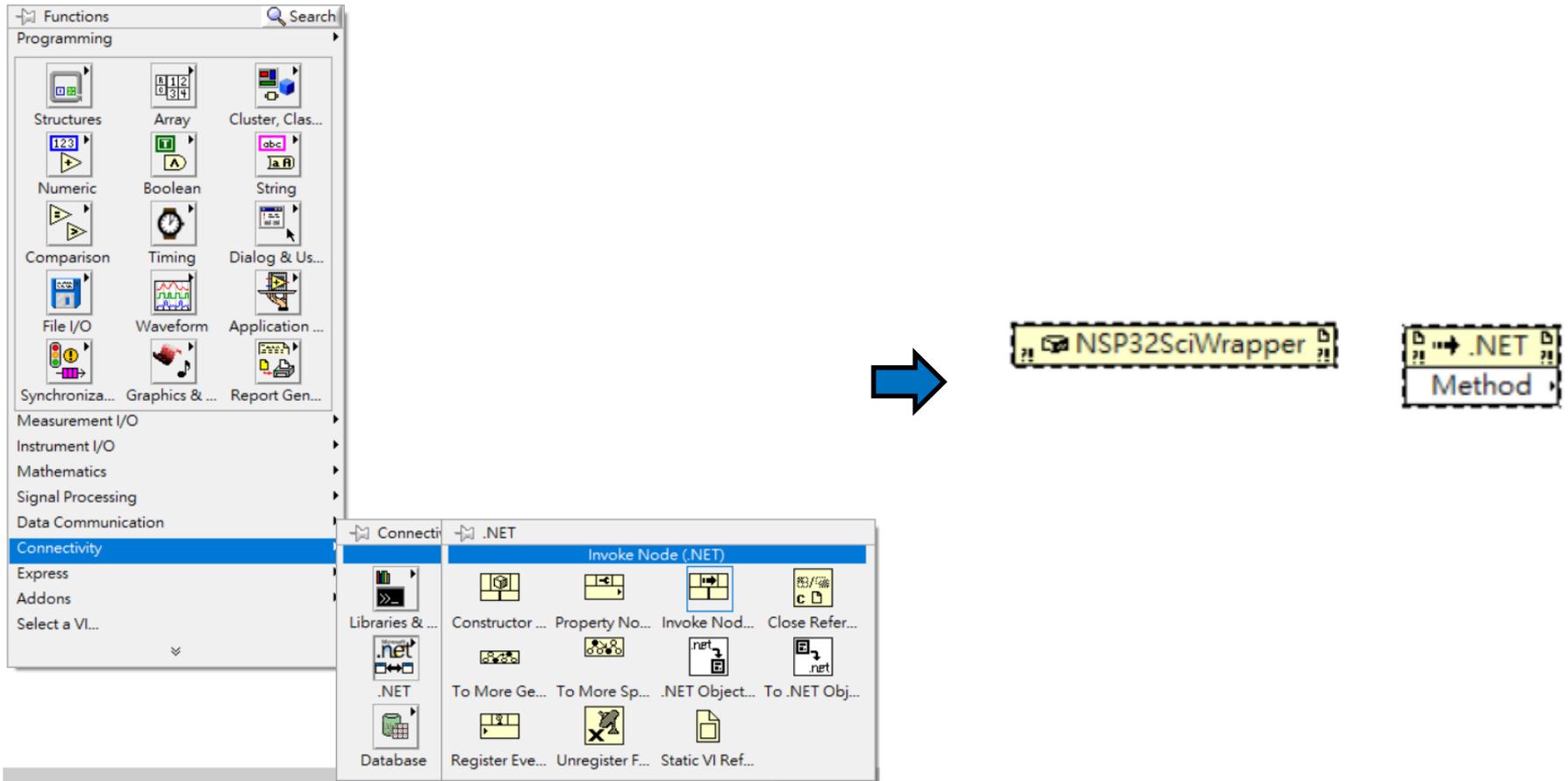
2. Browe your lib

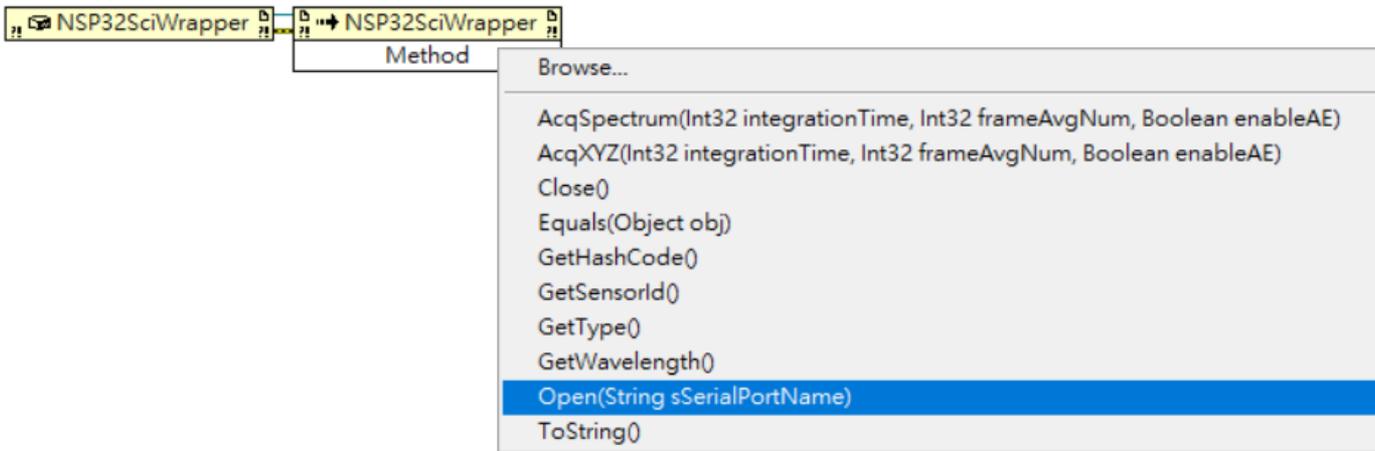
3. Get the Constructor Node like this

Appendix: example of how to use the lib
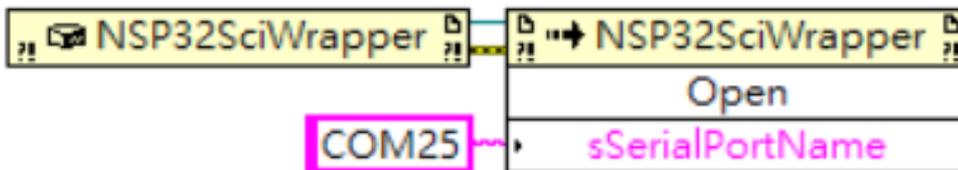
4. Add Connectiveity > .NET > Invoke Node

Appendix: example of how to use the lib

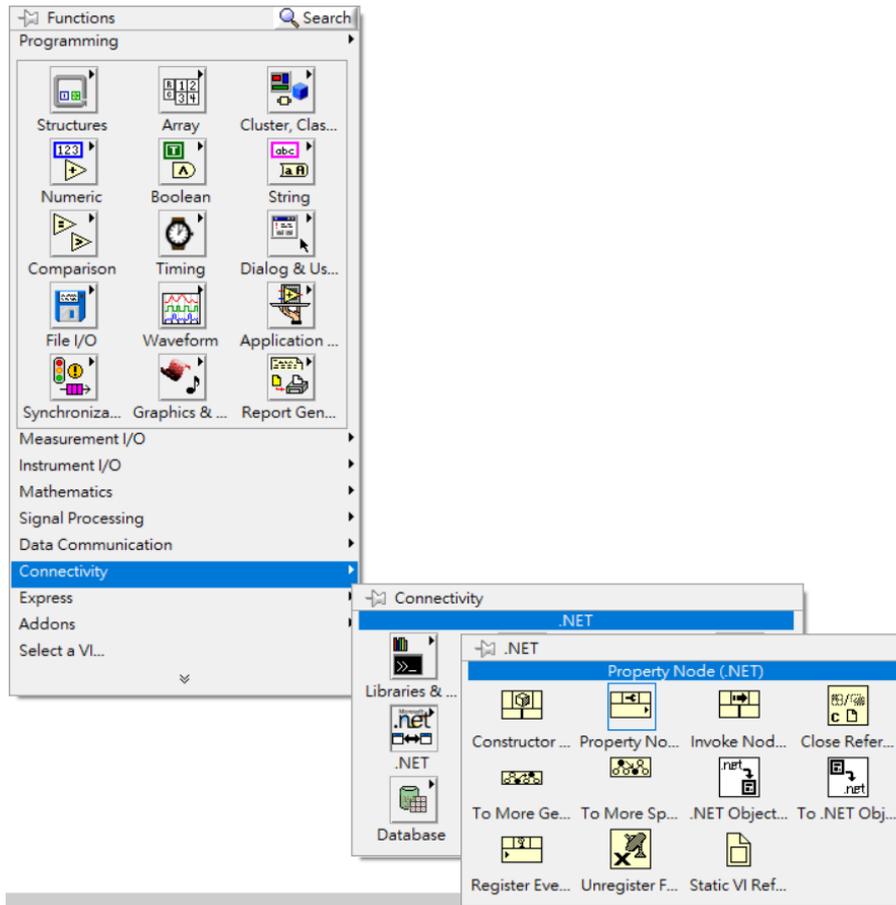5. Connect the ref & error code Select function you need
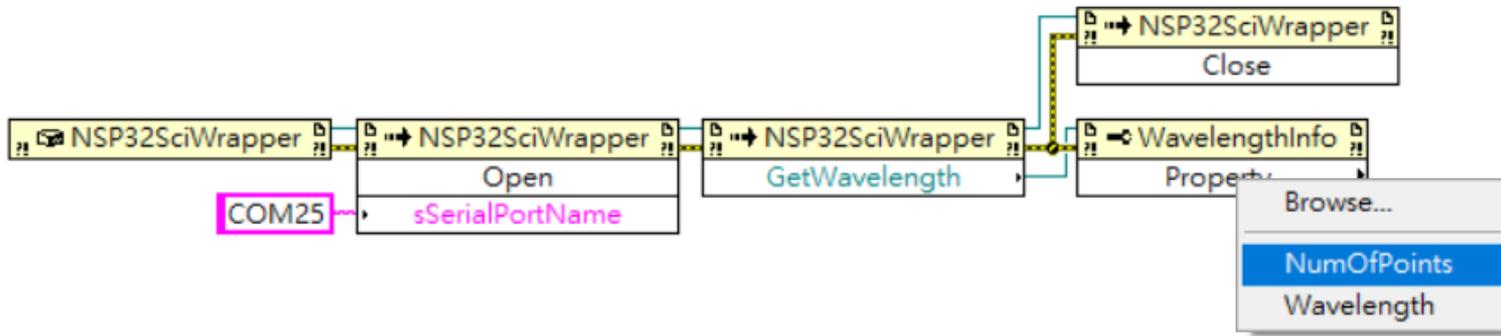

6. Give Parameter if function need

Appendix: example of how to use the lib

7. If output is a class, you need to add Connectiveity > .NET > Property Node for using

Appendix: example of how to use the lib

8. Connect the Invoke output to property ref & error code
Select parameter you want

9. Make a easy example like this