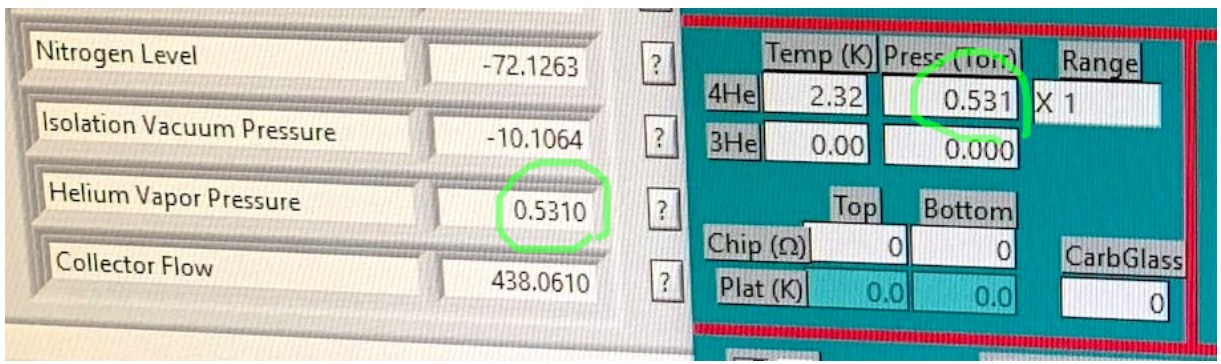
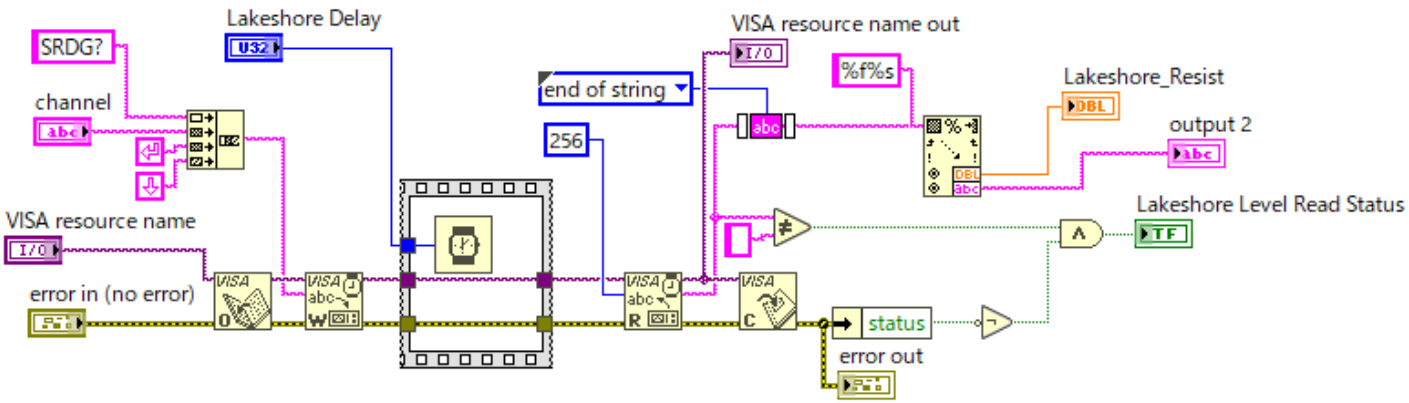
Raw Signal from MKS 670 to PDP

- MKS 690 (red brick Baratron) is controlled and read out by MKS 670
- We plan to input the raw signal to the NMR rack
  - From “Signal Connector” of MKS 670 to BNC of NMR rack
  - To be monitored on PDP
- Input test by Ishara, Dustin & me
  - Using MKS 670 with 1000-Torr scale
  - Input signal: 7.6 V = 760 Torr
  - Expected value on PDP: 0.76 = 7.6 * 0.1 + 0
    - The conversion factor is defined in `B28_Slow_Controls.txt`; Offset = 0 & Multiplier = 0.1
  - Observed value on PDP: 0.5310
    - Fair enough for now?
    - We had to change the folder path defined in `TPS Global.vi`. We have saved the change



Communication with LakeShore 218 through GPIB

- We plan to use GPIB to communicate with LakeShore 218
- I tested the GPIB communication at home
  - NI GPIB-USB-HS
  - Simple VI, based on `Lakeshore_get_resistance.vi` provided by Reggie



- I will attach GPIB-USB-HS at the slow control rack
  - We can test it from the target computer whenever Reggie updates VIs