Calibration.vi

Calib Prog

Mode

Take a New Calibration Point

Calib file

iBook_G4_HD :Users :paul_local :Documents :LabVIEW_data : Examples :Calib_Files :XW_Calib.txt

Sample of input signals

Value

8.0 7.0 6.0 5.0 4.0

0 100 200 300 400 500 600

Sample Number

Pitot Vel

XW1 Voltage

XW2 Voltage

n 0.45

Find best n

Calib const

psi1	29.877450
psi2	31.193279

Calibration plot

Y

0.3 0.2 0.1 0.0 -0.1 -0.2 -0.3

-0.44 -0.42 -0.40 -0.36 -0.34 -0.32 -0.30 -0.26 -0.24

X

Samples /ch

600

Sampling Rate /ch (Hz)

100.00

XW1 Volt	4.390	4.801	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
XW2 Volt	5.405	5.336	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Entered Val	-25.00	-15.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Selector													