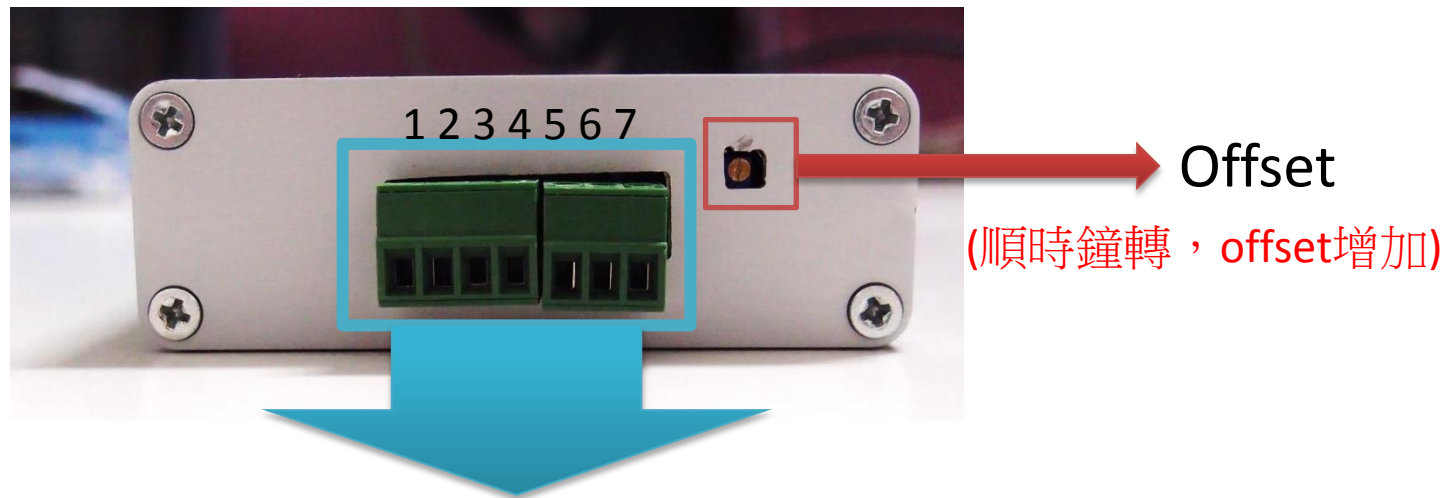


# Strain Gage Amplifier

WPC Systems Ltd.

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2017-03-06



1	2	3	4	5	6	7
Sensor-	Sensor+	AGND	Signal	Vtune	Power	PWR_GND
連接到Strain gauge-	連接到Strain gauge+	訊號地線	輸出訊號	offset 調整 註1、2	電源輸入 (24Vin)	電源地線

\*Bandwidth : 300 KHz

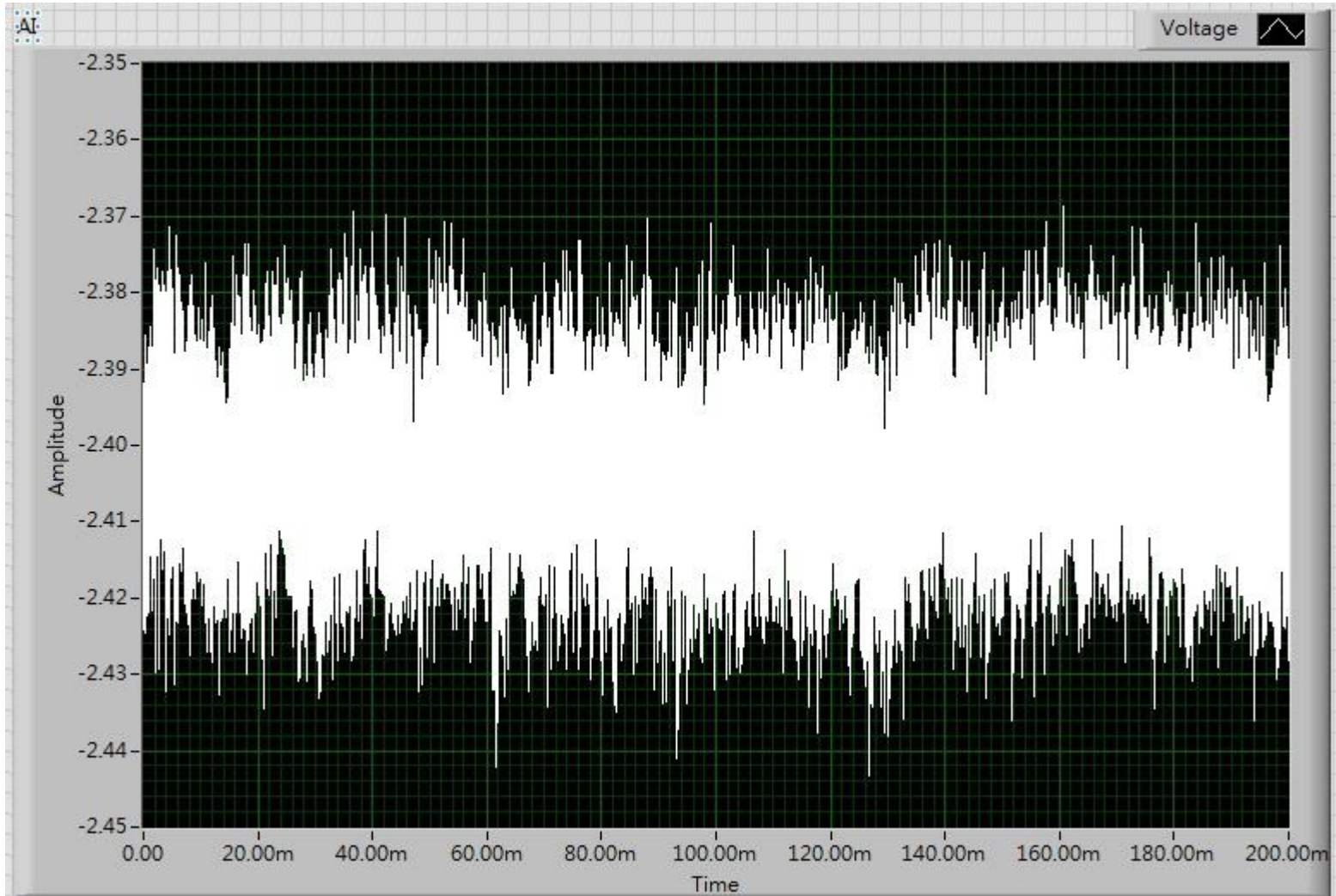
\* Excitation : 1.2 volts

\* Gain : 1000 V/V

\* 註：電源與訊號內部是隔離的，因此 PWR\_GND 與 AGND 不相通

# The maximum noise

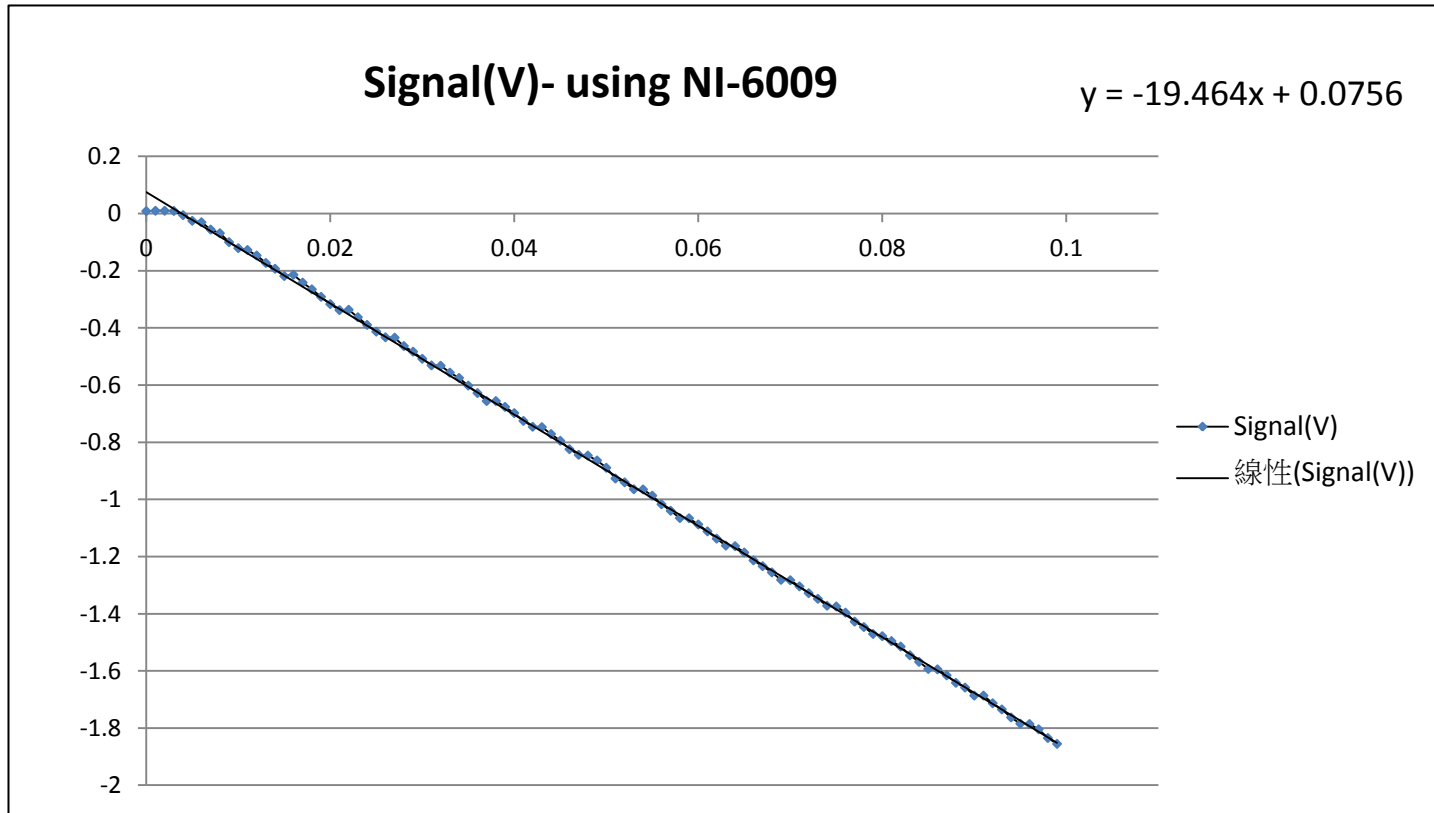
About : 60mV



註1 : using NI-6009

每  
每

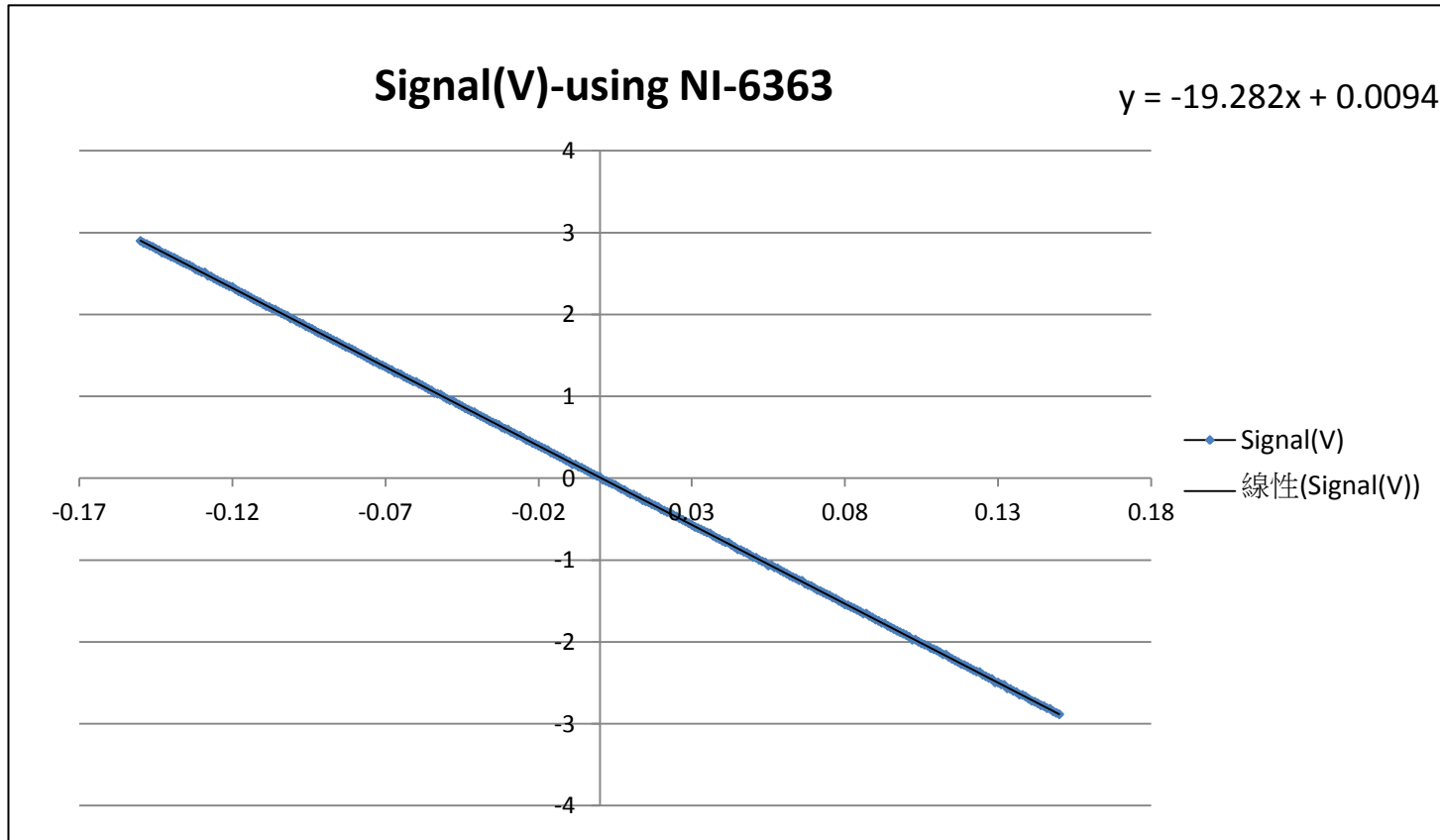
Vtune	offset
+10mV	-190mV
-10mV	+190mV



# 註2 : using NI-6363

每  
每

Vtune	offset
+10mV	-190mV
-10mV	+190mV

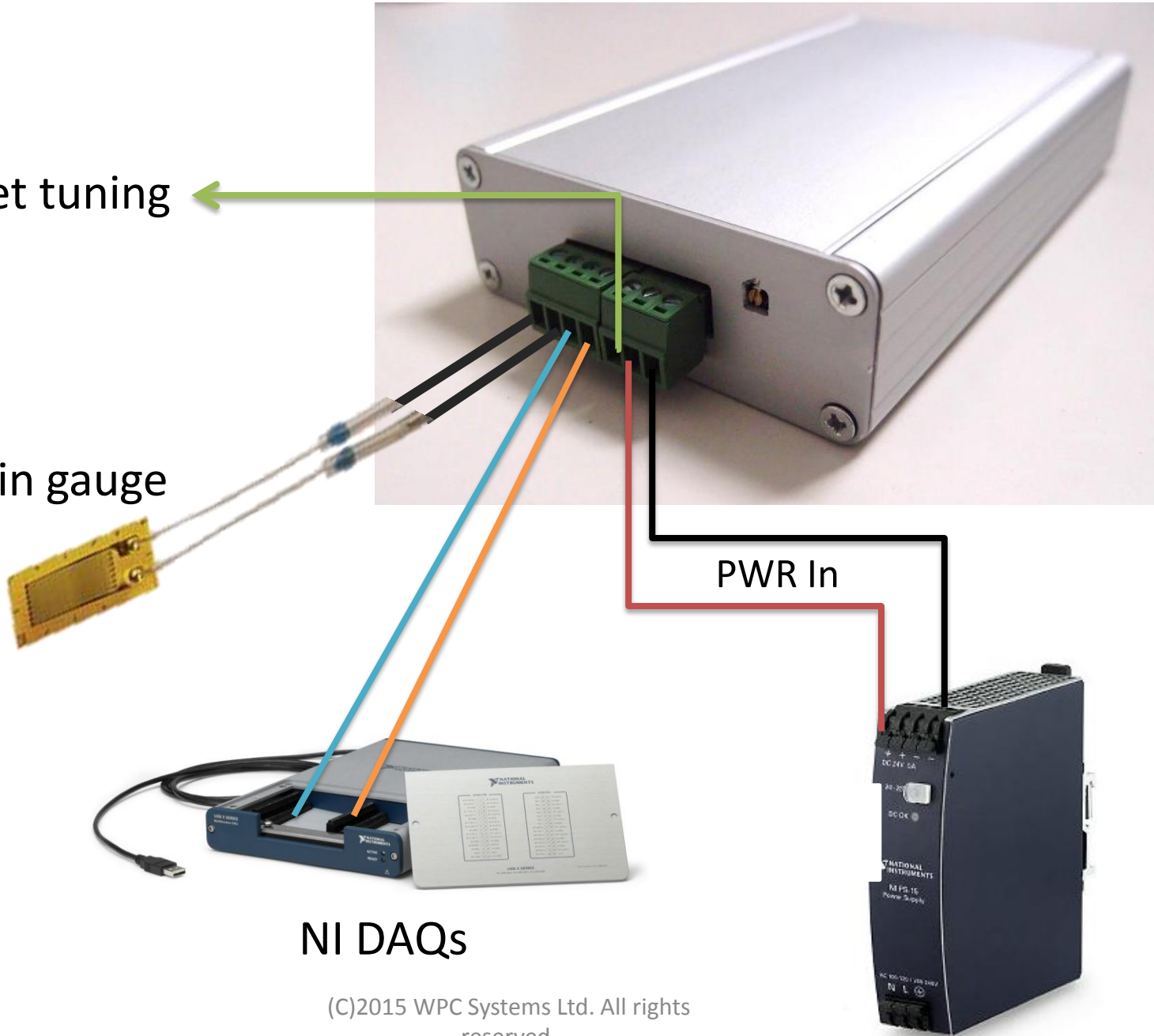


Offset tuning ←

Strain gauge

PWR In

NI DAQs



# Dimensional drawing

