

```
# configuration for PhyPiDAQ
# Accelerometer with MMA8451

# device configuration files
#DeviceFile: MCP3008Config.yaml
#DeviceFile: PSConfig.yaml
#DeviceFile: MAX31865Config.yaml
#DeviceFile: GPIOCount.yaml
#DeviceFile: BMP180Config.yaml
DeviceFile: MMA845xConfig.yaml

DisplayModule: DataGraphs
Title: Accelerometer

Interval: 0.1                # logging interval
ChanLabels: [acceleration] # names and units for channels
ChanLimits: [[-20., 20.],[-20., 20.],[-20., 20.], [0., 40.]]
ChanUnits: ['m/s2','m/s2','m/s2', 'm/s2']
ChanColors: [darkblue, darkgreen, darkred, magenta] # channel
colours in display
XYmode:      false          # enable XY-display
Chan2Axes:  [0, 0, 0, 1]
DataFile:   null           # file name for output file
#DataFile:  testfile       # file name for output file

ChanFormula:
- null # chan0
- null # chan1
- null # chan2 : no formula
- sqrt(c0*c0 + c1*c1 + c2*c2)
```