Alphasense fan experiment

MJC

Contents

[26-July-2017 - Sunon Fan test 1 1](#_Toc520700269)

[Notes 1](#_Toc520700270)

[Test 1 1](#_Toc520700271)

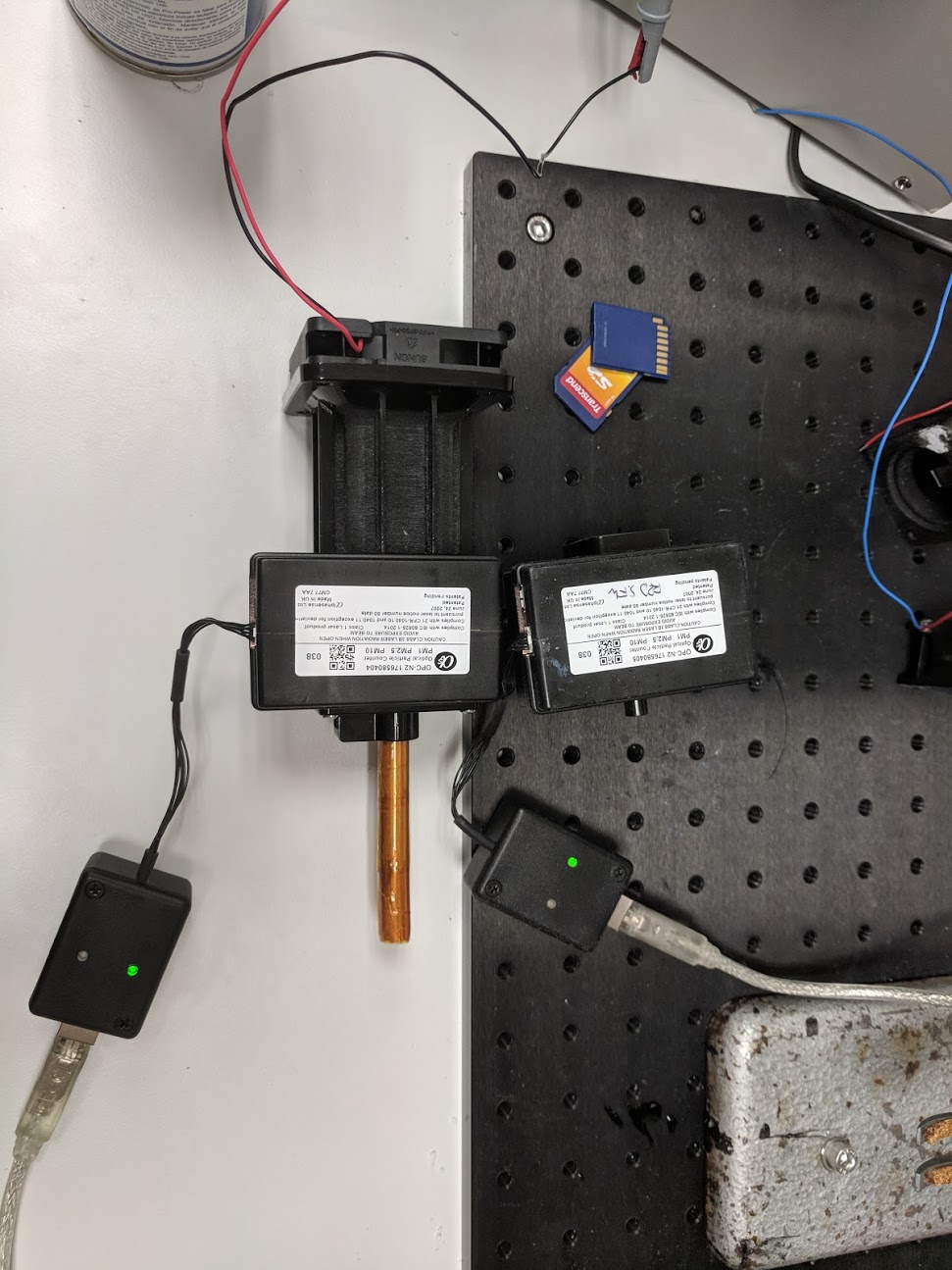
[Test 2 2](#_Toc520700272)

[Test 3 4](#_Toc520700273)

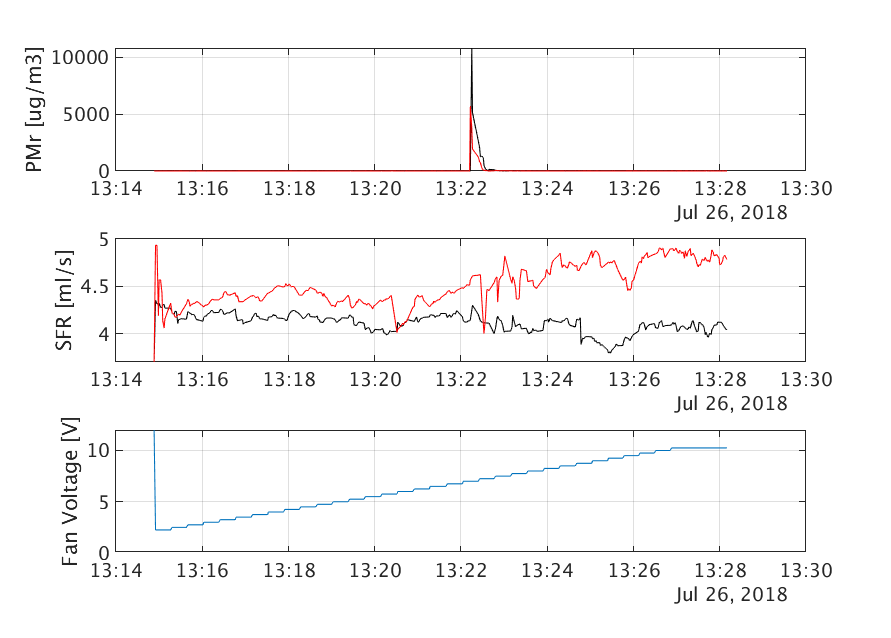
# 26-July-2017 - Sunon Fan test 1

## Notes

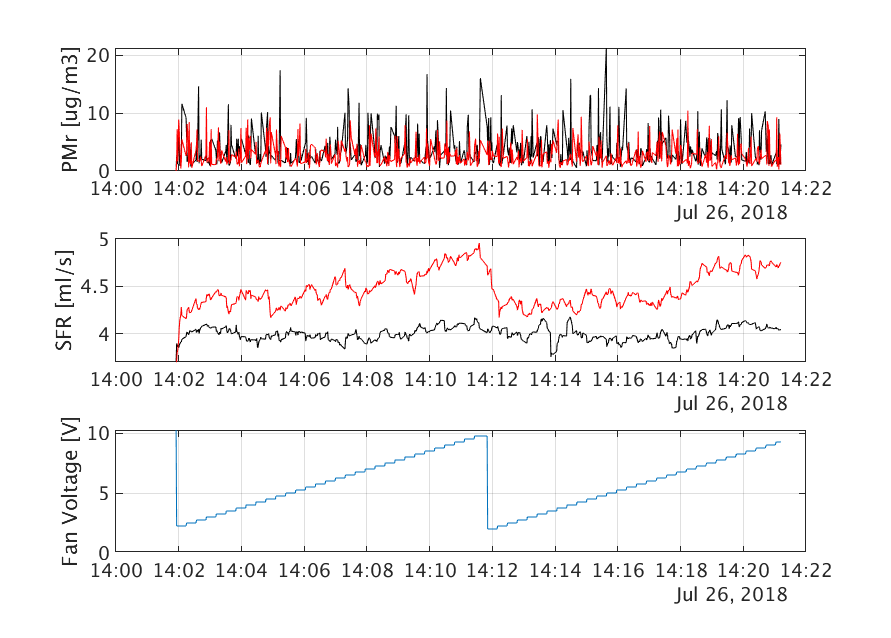
* Testing Sunon 60 mm fan
* Set two Alphasenses side by side one with Kyles external fan attached, Alphasense fan still attached and running on both.

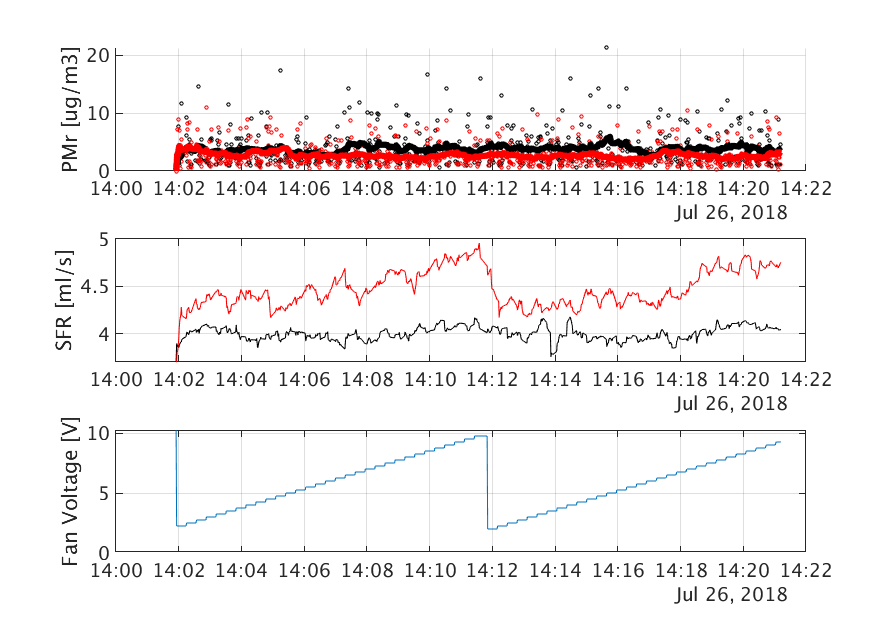


## Test 1

* Both Alphasense units powered up
* Increasing fan voltage in increments of 0.25 V every 10 loops
* Holding voltage at max (10 V) once its reached
* Filename *AlphasenseData\_26072018\_1.csv*
* Rolling average with 20 point window

## Test 2

* Made the unit so that the fan resets back to zero and ramps again
* Filename *AlphasenseData\_26072018\_2.csv*
  + Added a rolling average over the Pmr window is 20 points



## Test 3

* Decided to increase the wait time at each voltage step.
* Test crashed

