

Laser experiment

Last week..

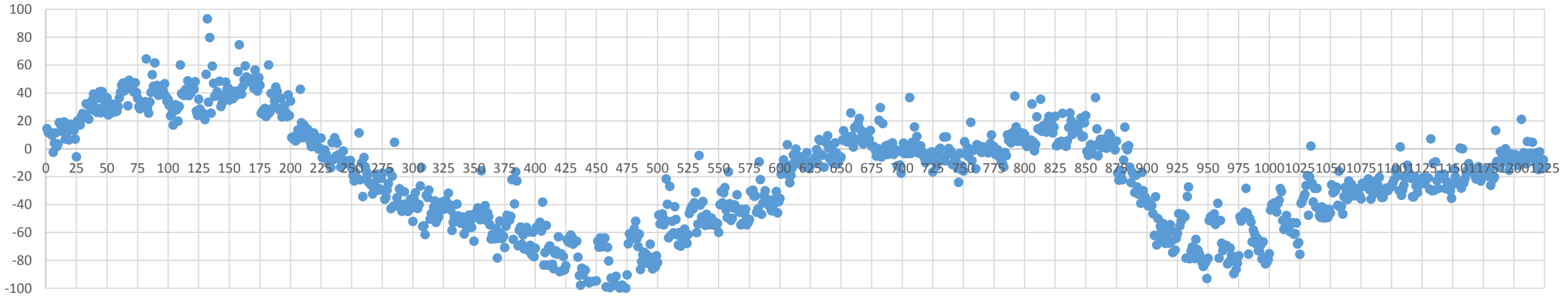
- Change the setup for the optical table:
 - The height of the laser;
 - The base and scale factor.
 - Scan 1 area, 4 areas, 49 areas.

- Three new problem...

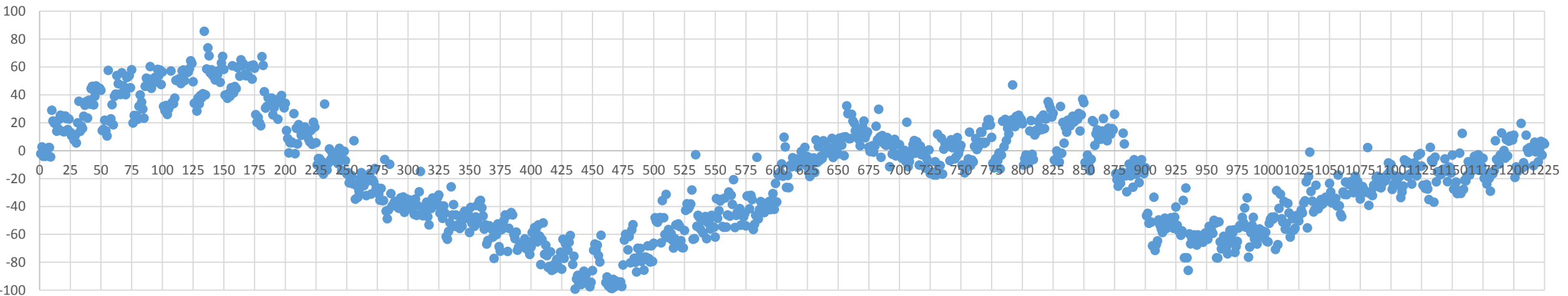
1: the table is not flat

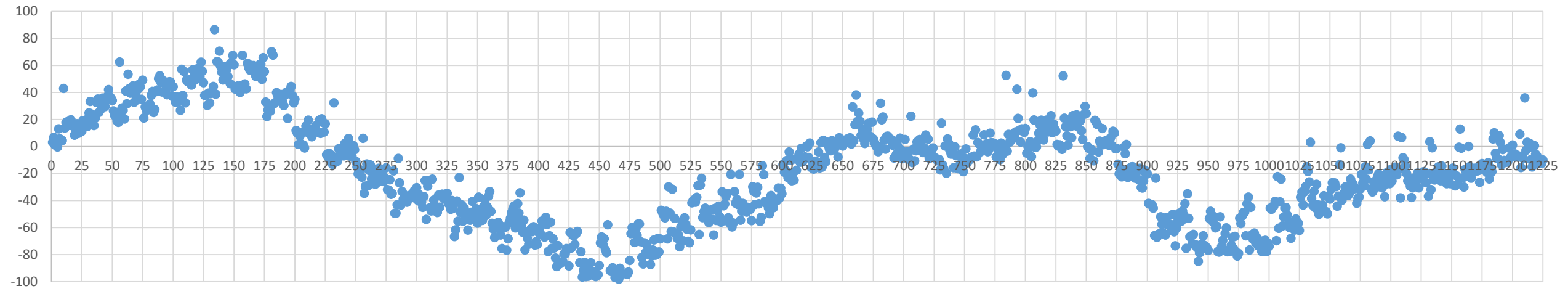
49 areas

1



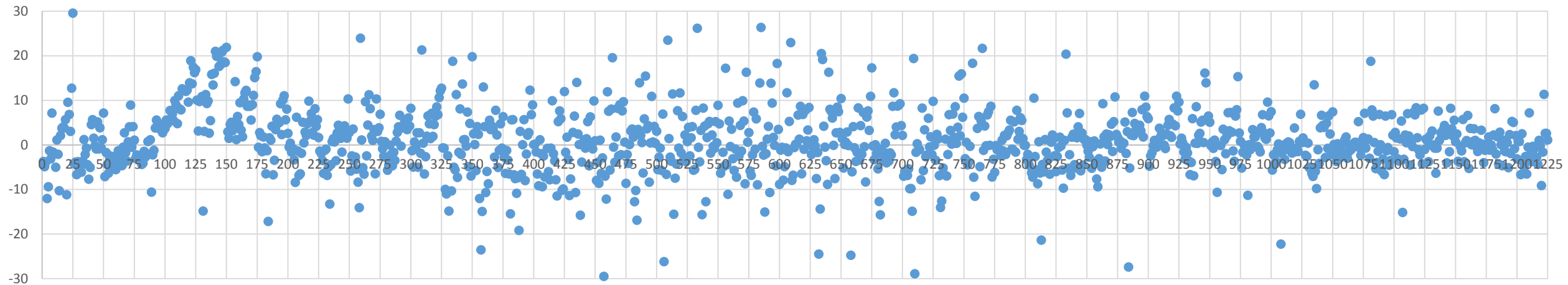
2



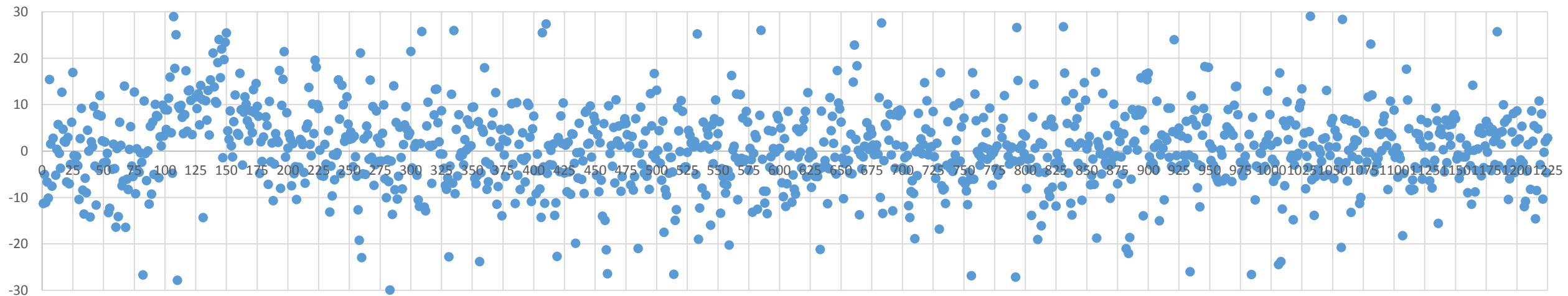


2: The pattern disappear

Mean 3-1

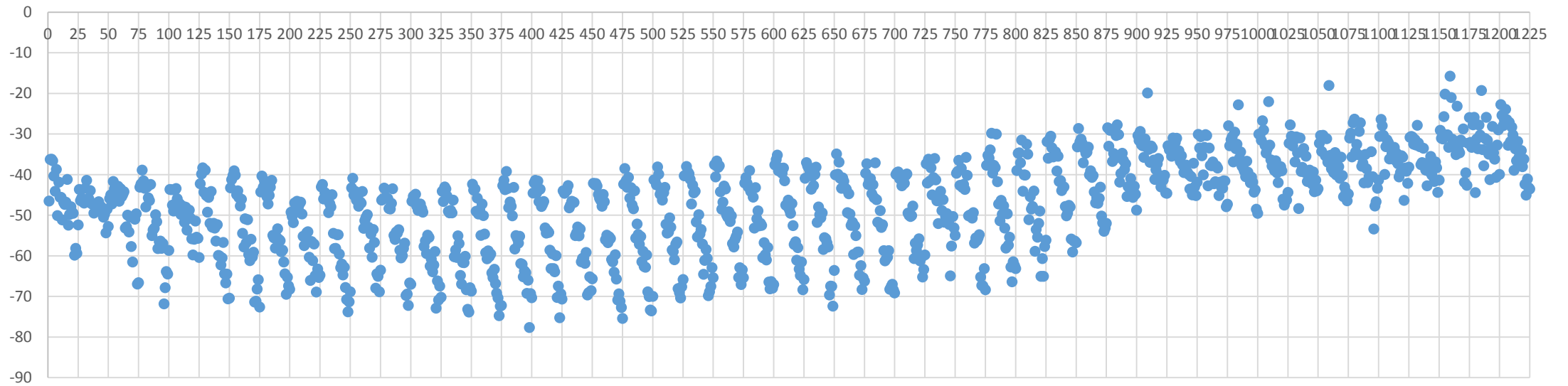


mean: 9-1

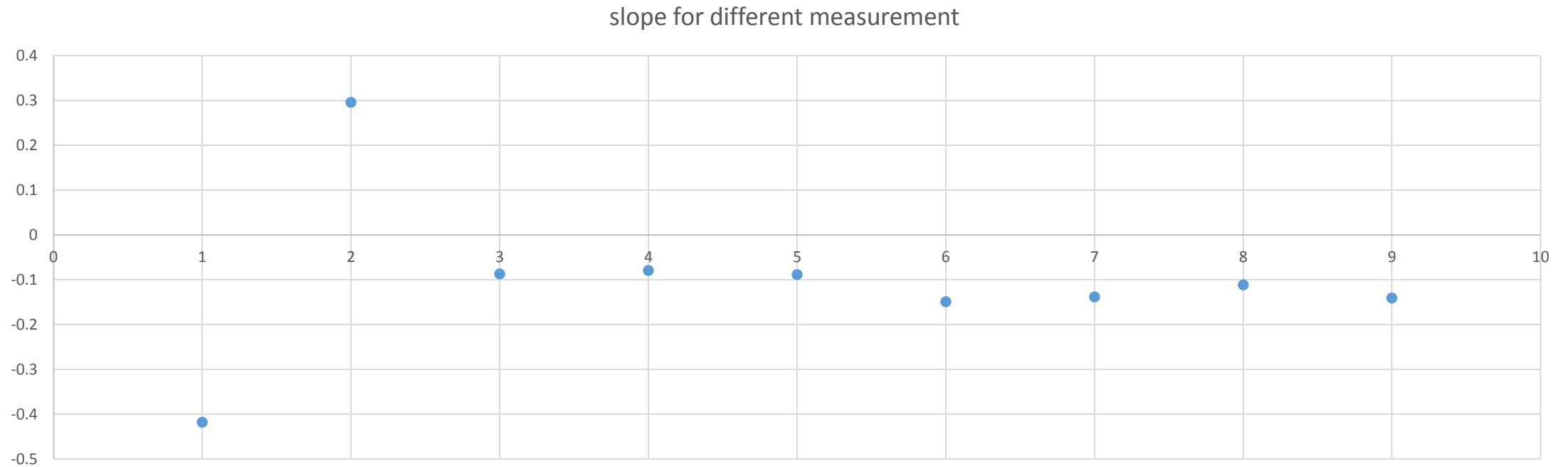


For comparision

Before; 9-1

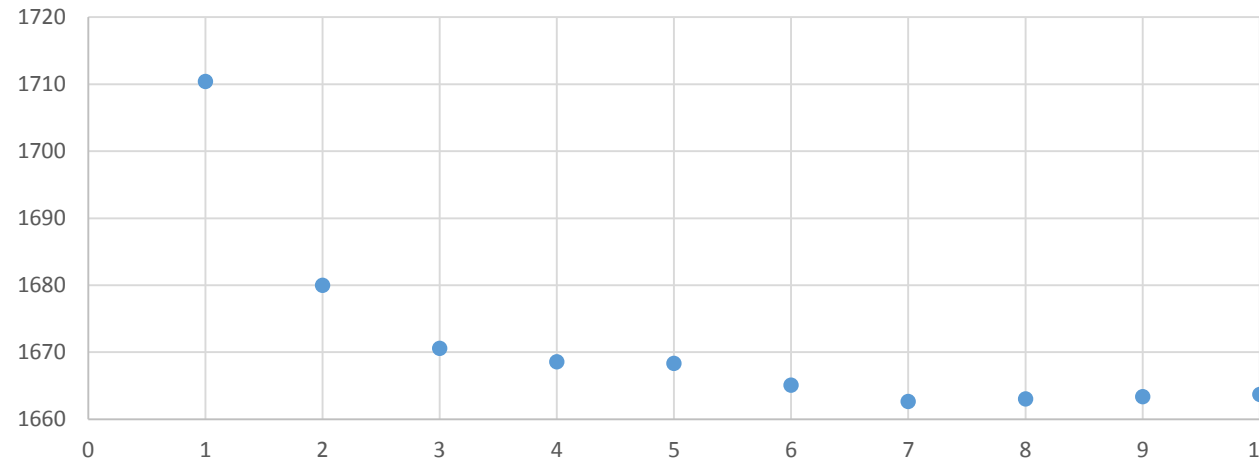


The slope is so small. (The average of the slope for each area)

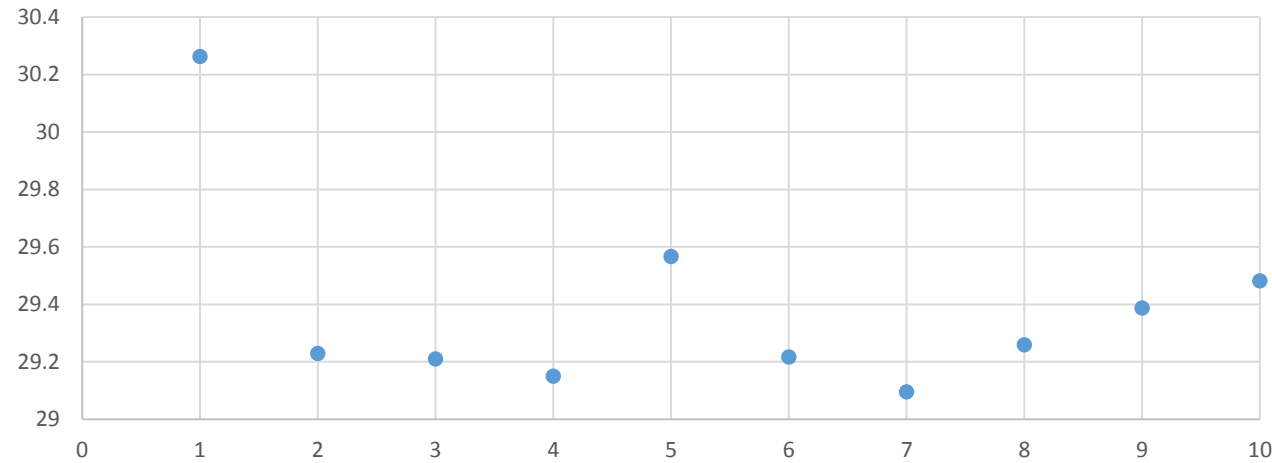


3: the saturated time become 0? 49 areas

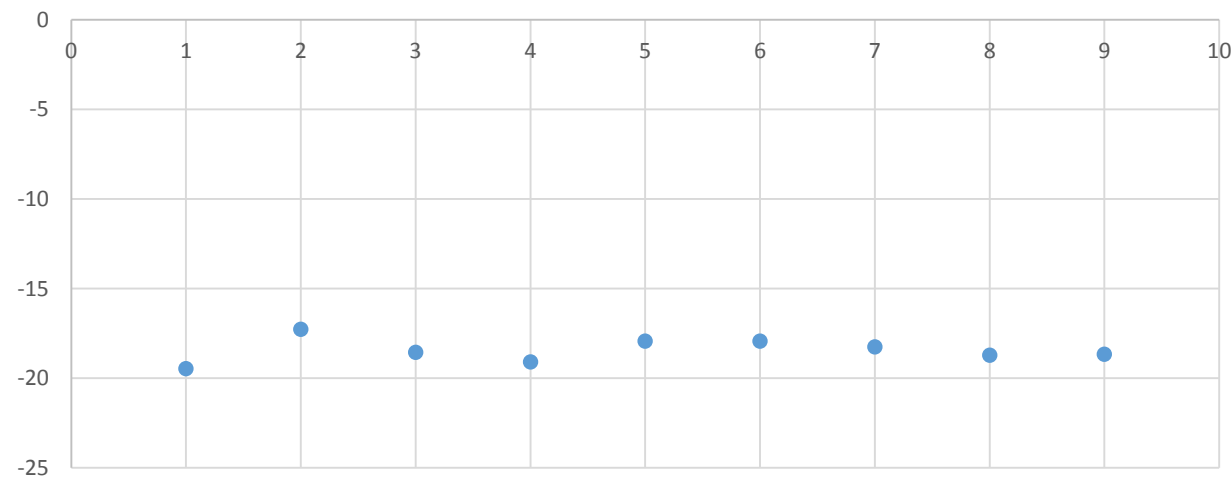
mean for different measurement



slope for different measurement

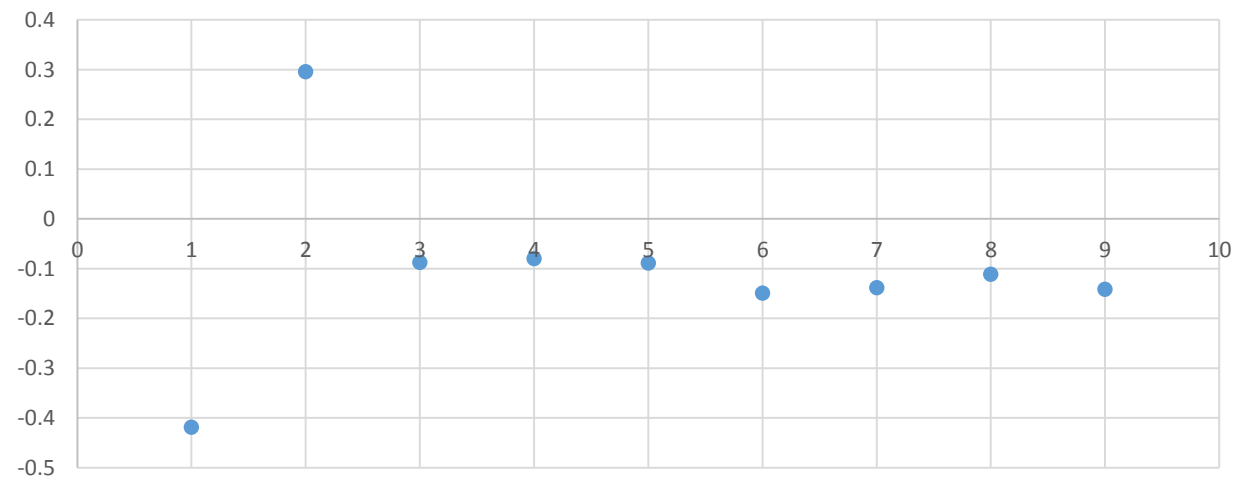


mean for different measurement



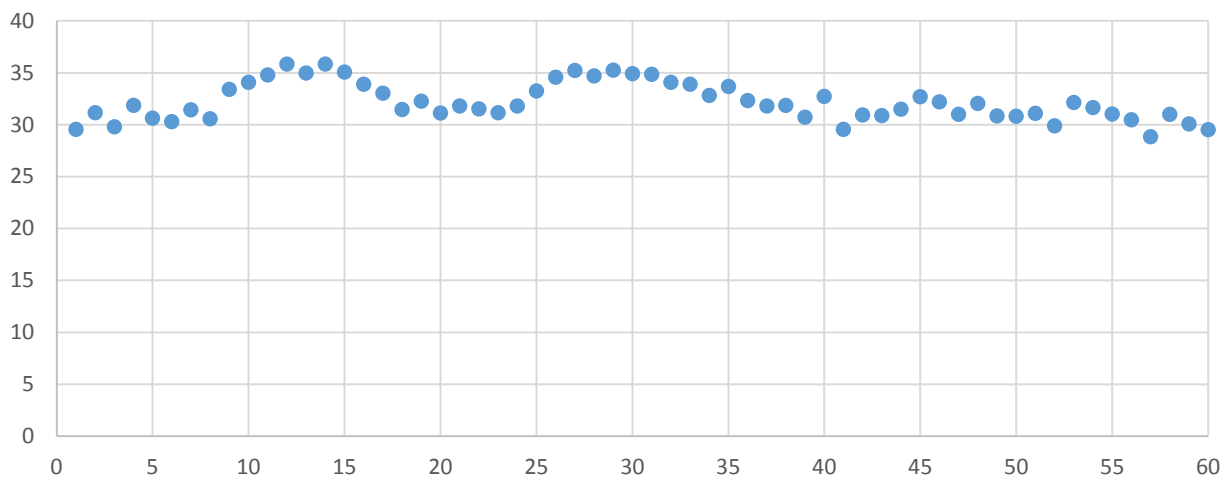
Last week

slope for different measurement



4 areas

mean



slope

