## Feature in hit maps?

Mechanical?

All layers look similar, the chance that there is a glue bump pressing on a sensor is low

Investigate?

First layer has no mechanical contact / data from SPS and PS from single modules

## Electric?

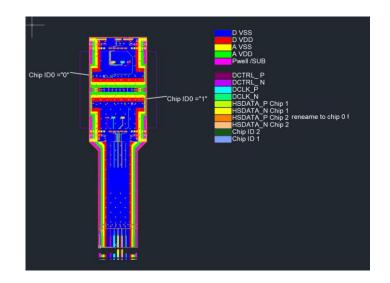
POWER 1.90 5.21 AMP

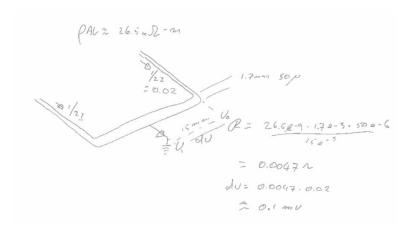
DUDD: AUDD = 17:10

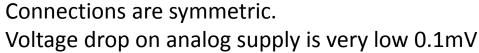
PDUDD = 0.129

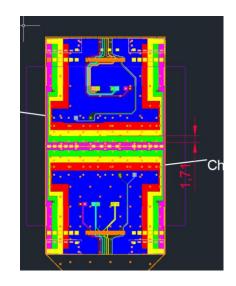
PAUDD = 0.076

PTOT = 0.206









Temperature?

6=173 W/m-4

POWER 1.90 5.21 Amp

DUDO: AUDD = 17:10

P DUDD = 0.129 PAUDD = 0.076 PTOT = 0.206

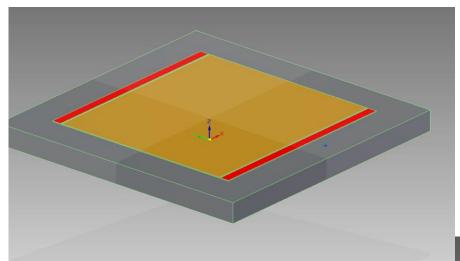
70
P= KA dt

30
P= KA dt

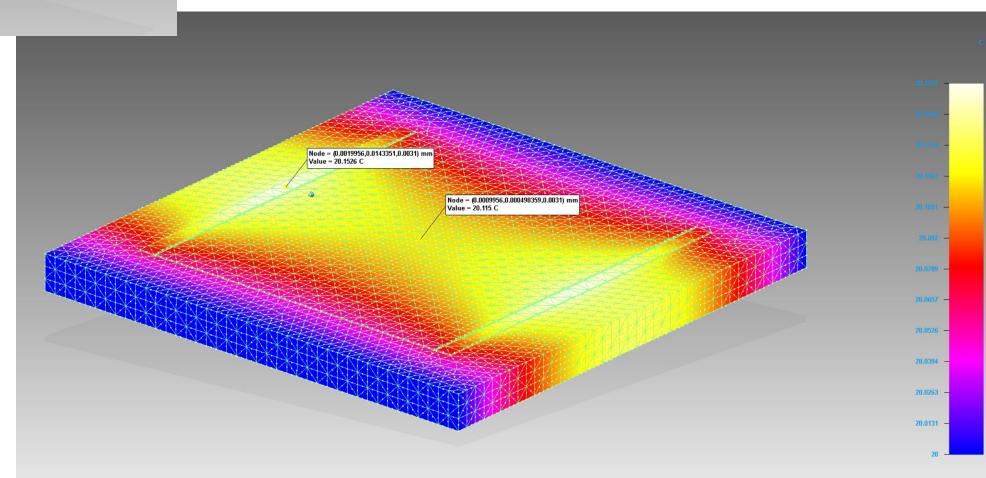
dt: 0.206.200-3

173.400-3.24-3

2.0.198 °C



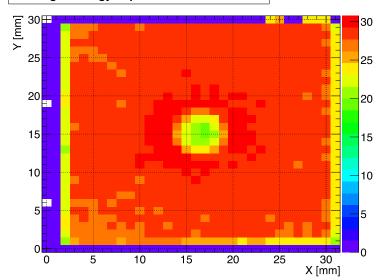
Contact to cooling fixed at 20 degree Celsius Digital area 2x 0.129watt Sensor area 2x 0.078 watt



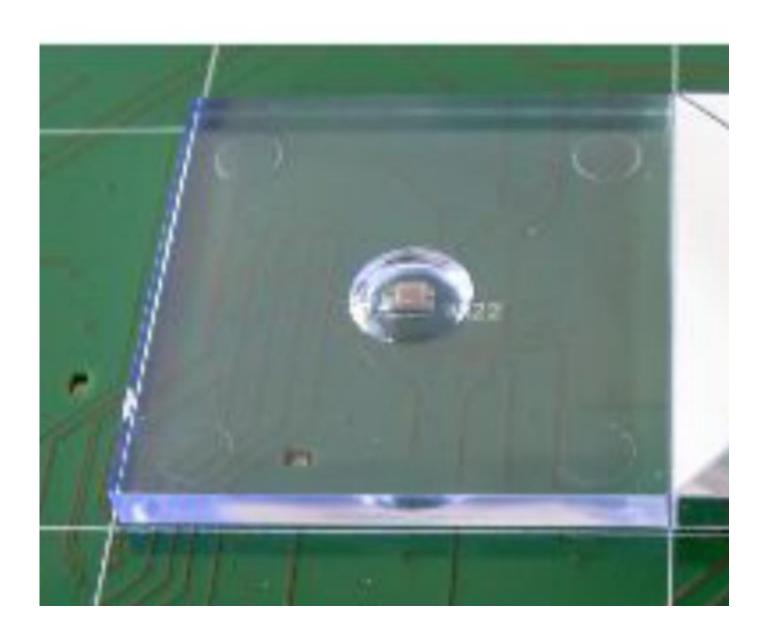
## Trigger scintilator?

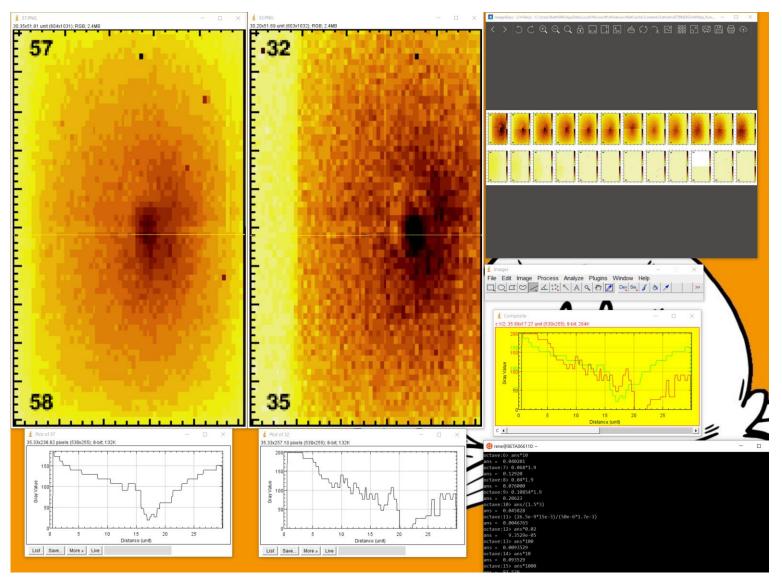


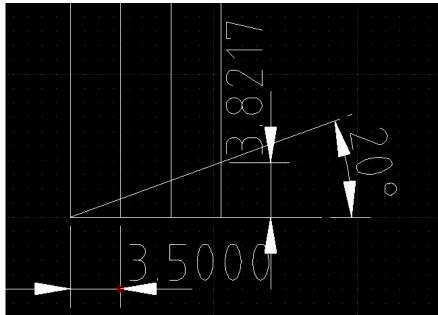
## Averaged Energy Deposition vs. XY Position



Uniformity scan with Sr90







In the 20 degree angle scan the feature Seems to move from layer to layer in approximately the expected distance.