

# Weekly Update – Laser Scanning

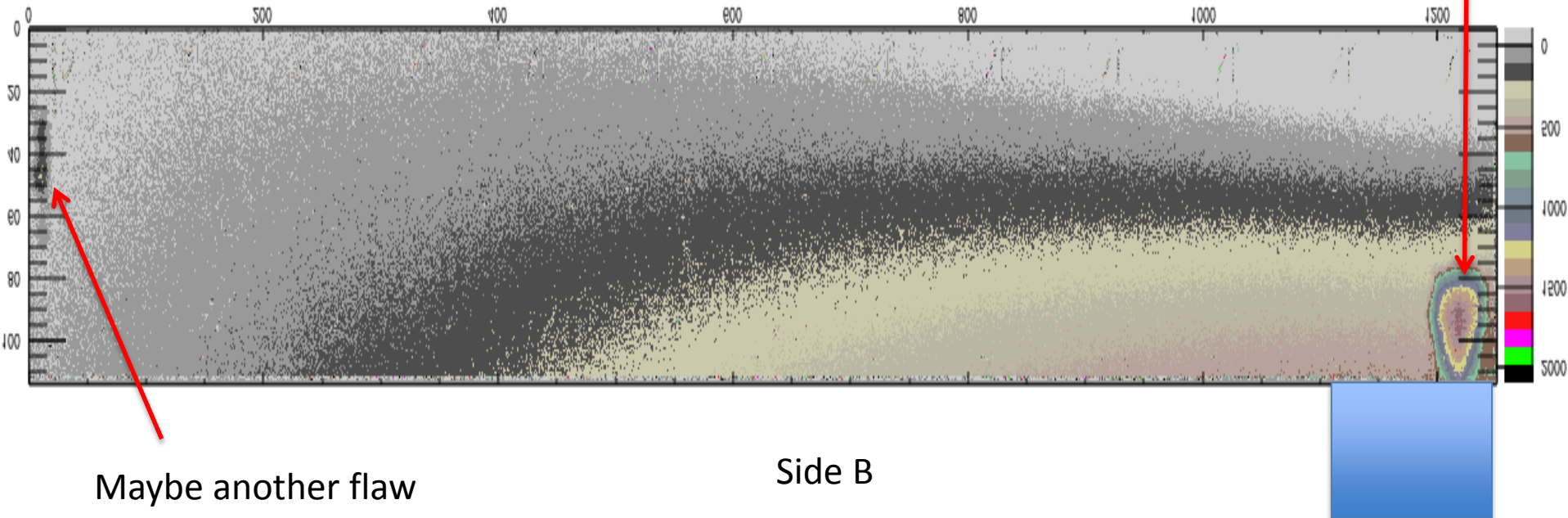
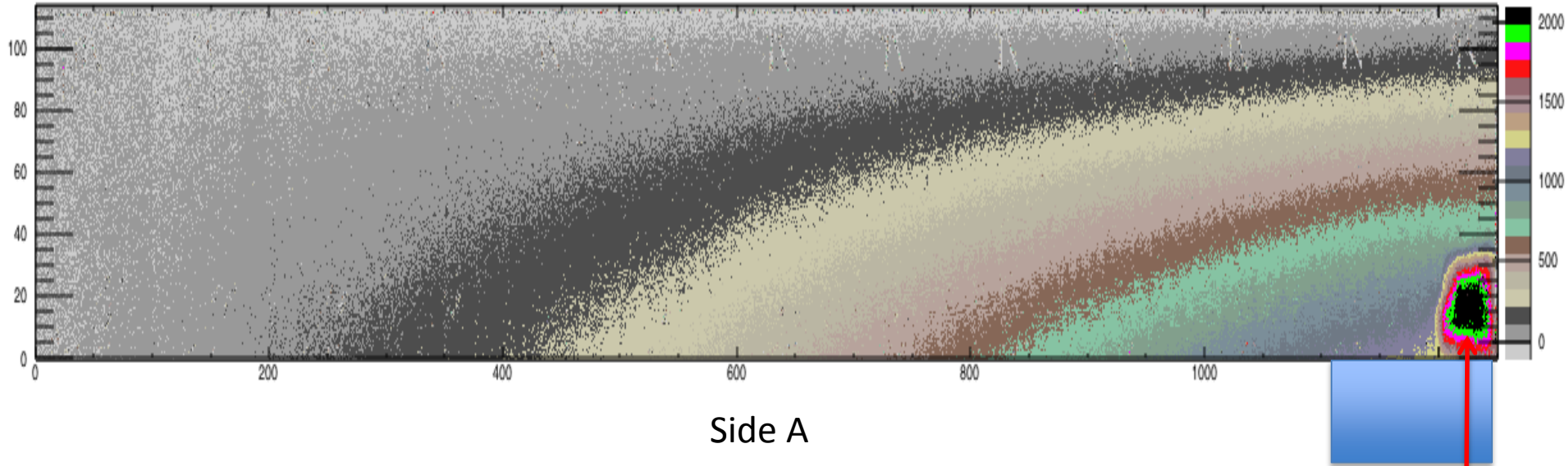
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# Stave 3 – 5 PSI scanning

- The stave is finally sealed.
- Following Boping's slides, I tried to saturate the setup (one scan before the actual measurements) in order to reduce the previous observed effects.
- Now, we are take pressure at 0 PSI (Roy).
- The internal pressure seems to change in large gaps.
- Main point of the Scan: There is at least one flaw which is visible by eye.

# 5 PSI – 0 PSI



# Comments

- Because the flaw is so large, the rest of the stave looks very smooth in that color scale requiring a closer look, also by the flaw detector software.
- The stave #3 is ready for thermal data with pressure.
- For both staves (2 and 3) we have seen a big flaw close to the extra rectangle, and by looking at it by eye, seems to be also in there. Is it a coincidence? We should look into scan that part of the stave as well.
- The Stave #2 (long one with intended flaws) is not completely sealed. New data should be taken with it once it has been sealed better.