

3DSL-Vega

Examples of analysis (corrosion)

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SEIKOWAVE K.K., Tokyo, Japan

3DSL-Vega



Ex1: Measurement and analysis of flange joint surfaces



Scan mode: HD mode

Resolution: 0.1mm+

Measurement time: 1 minute

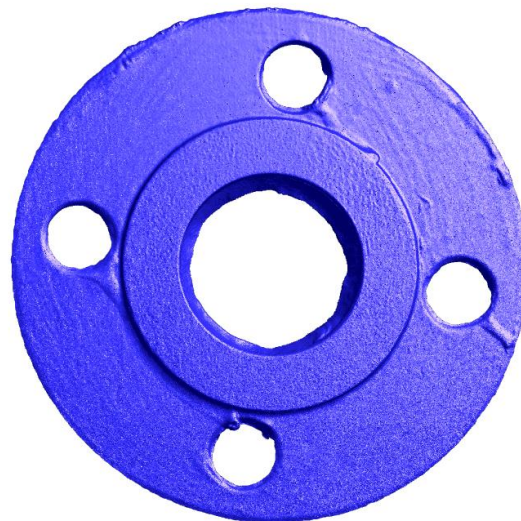
Mesh generation and texture mapping time: 2 minutes on a PC

Flange joint surface: 3D data

Full-color 3D data



Color is turned off

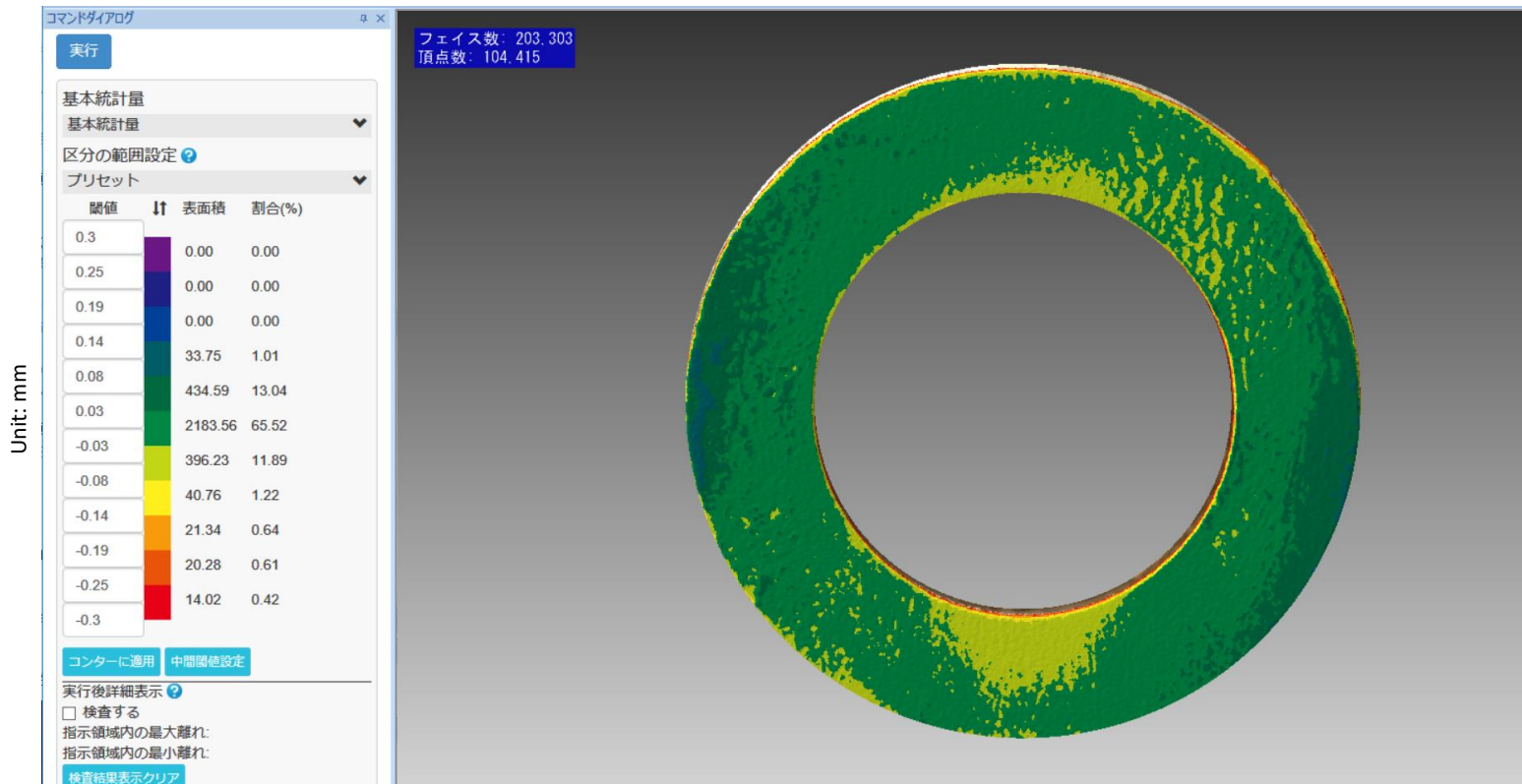


ID: 50.0mm
OD: 81.0mm

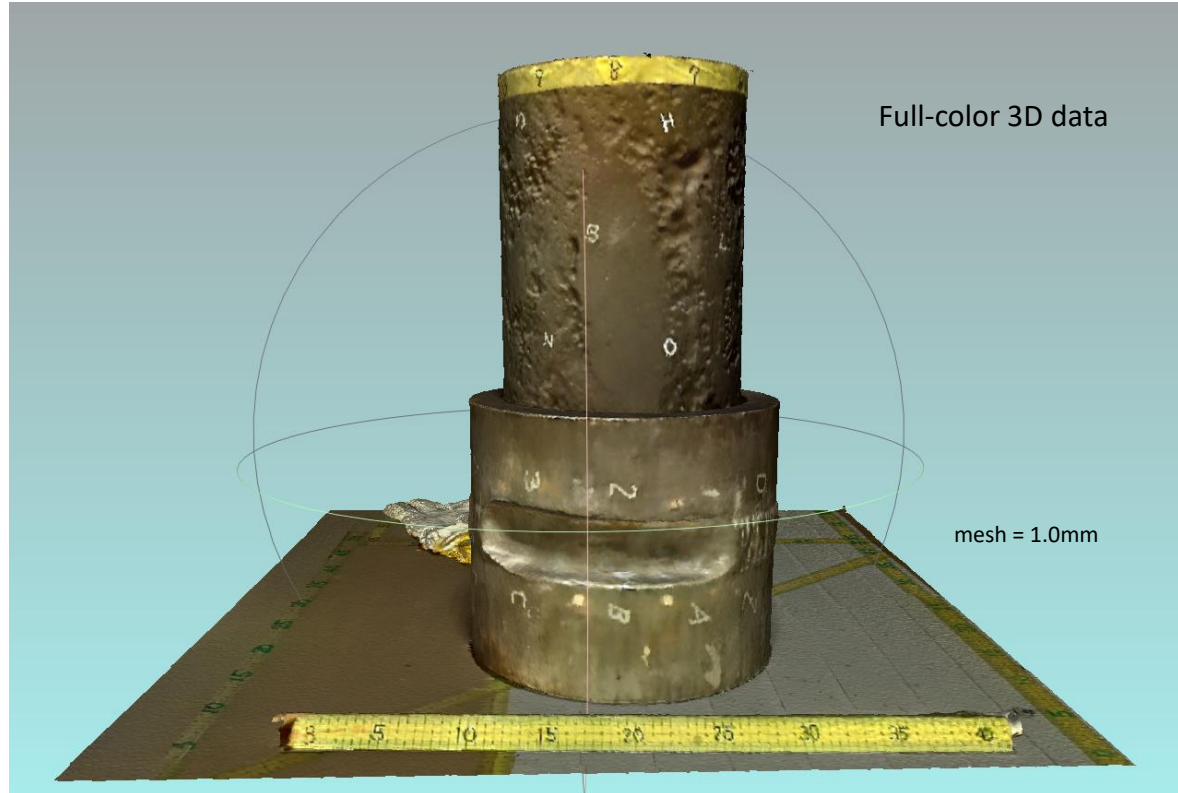
mesh = 0.1mm

Unevenness inspection by POLYGONALmeister

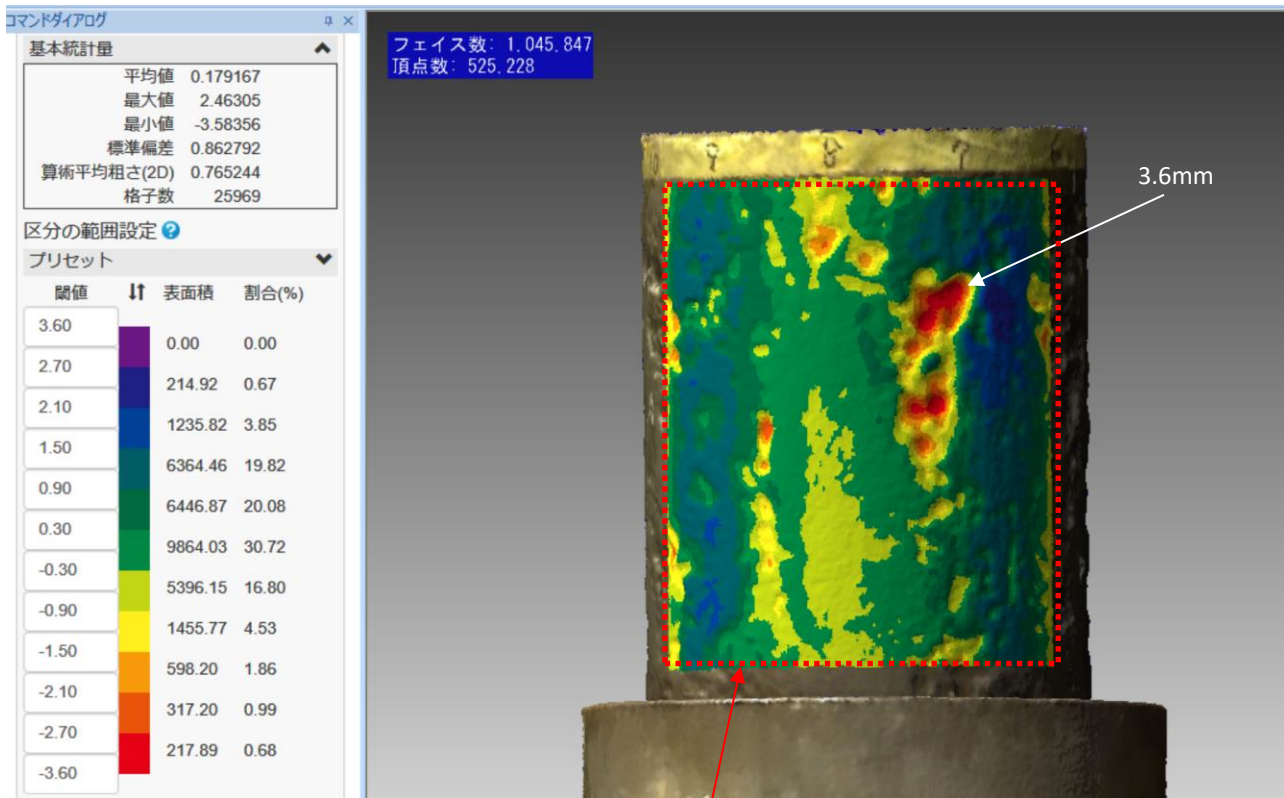
Version of English text is also available.



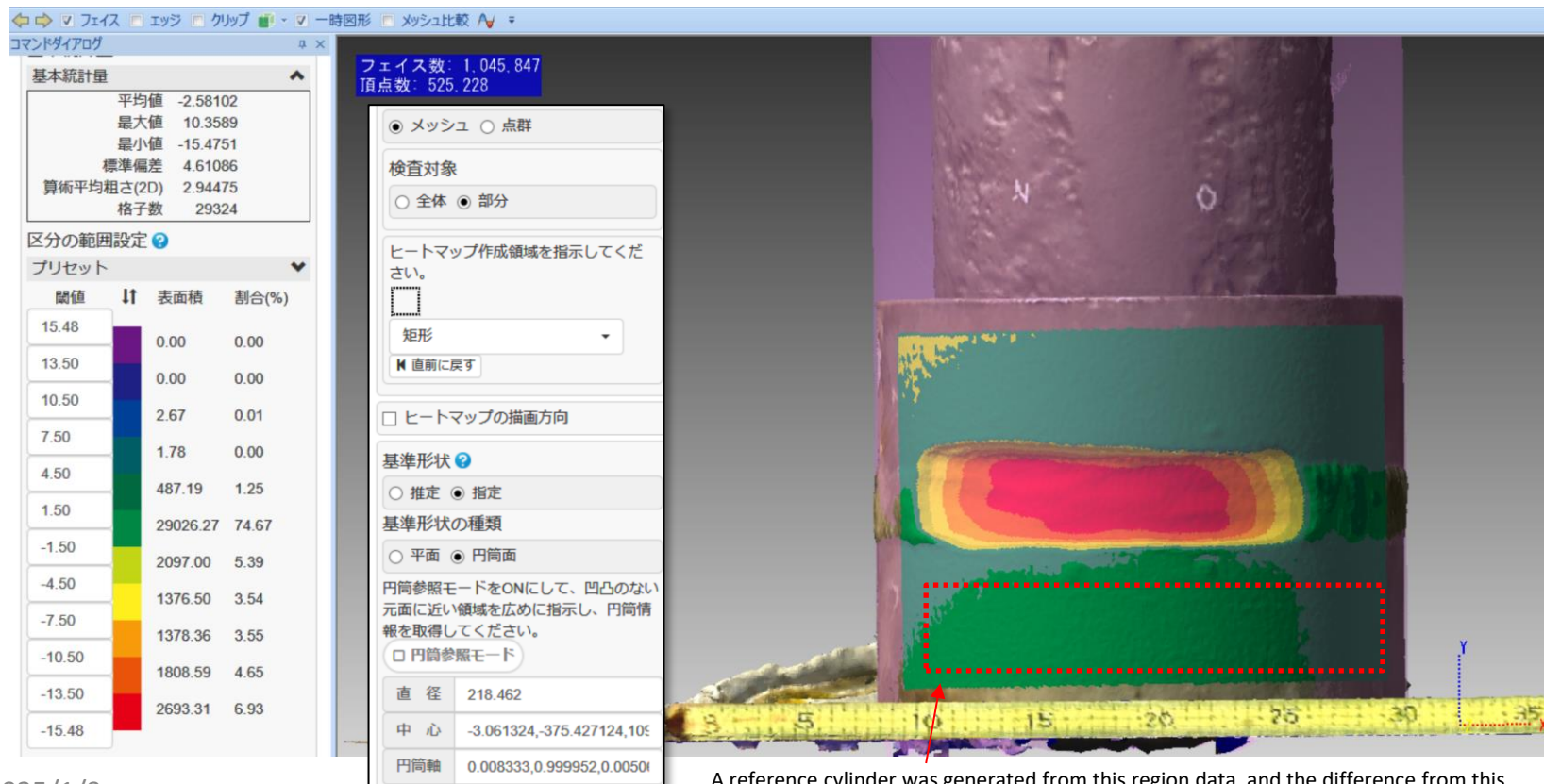
Ex2 : Two types of pipe



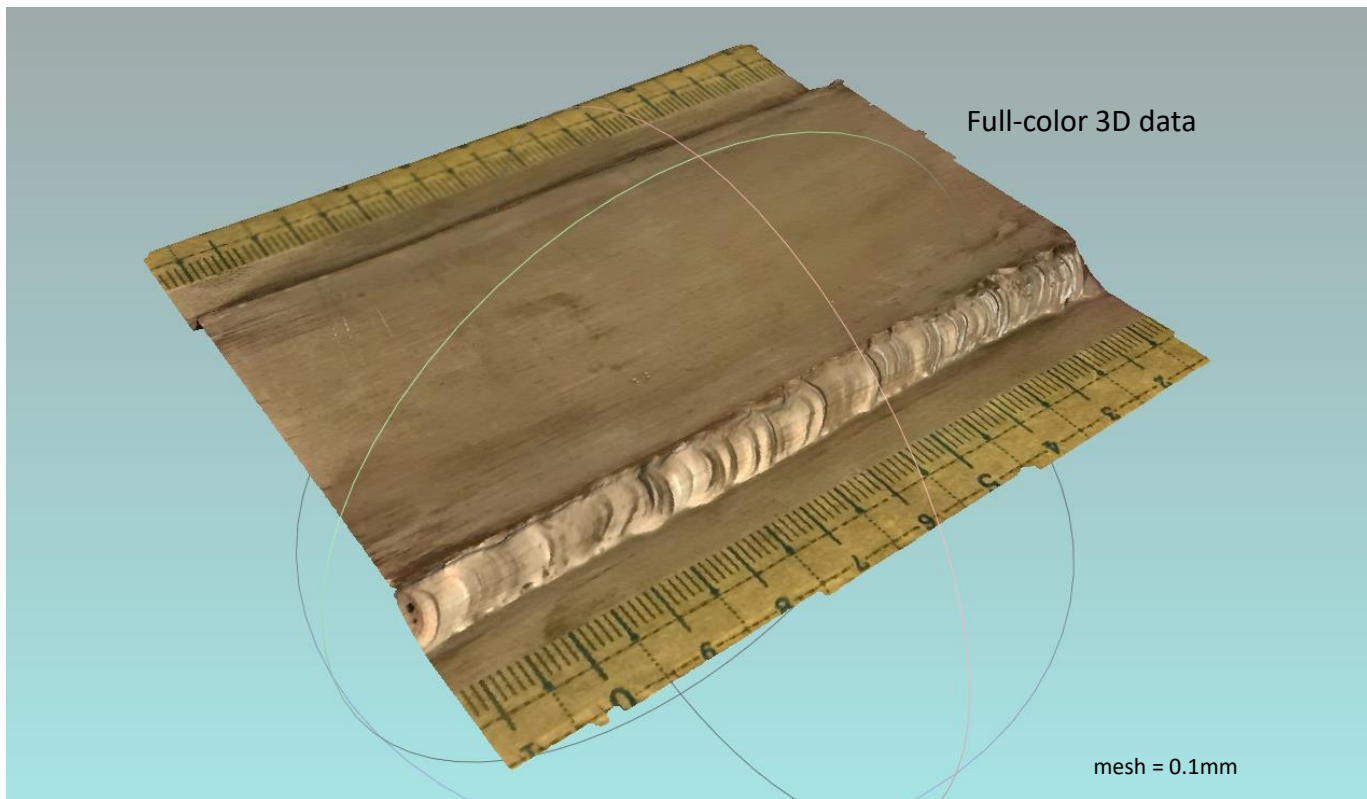
Corrosion analysis



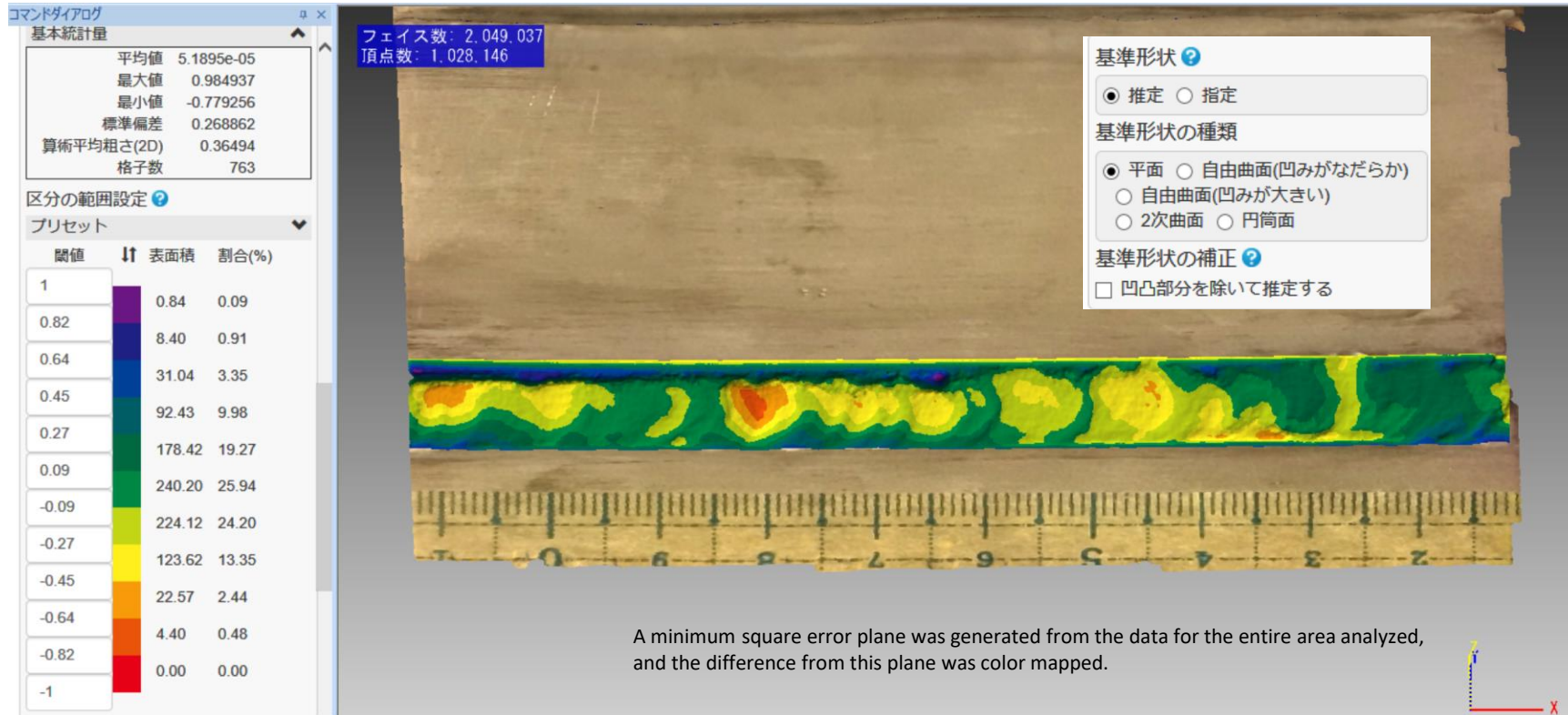
Gauging depth analysis



Ex3 : Fillet welding

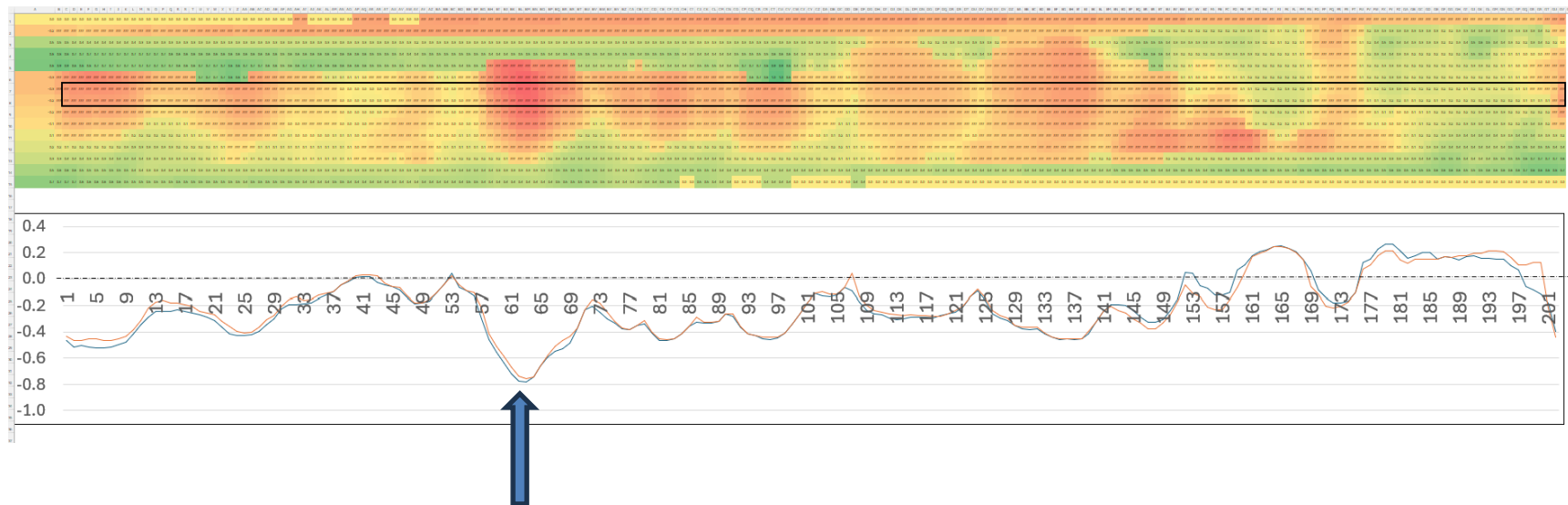


Analysis of bead quality



Bead reinforcement height analysis

0.5mm grid



Shortage of bead thickness