

Inspection Report

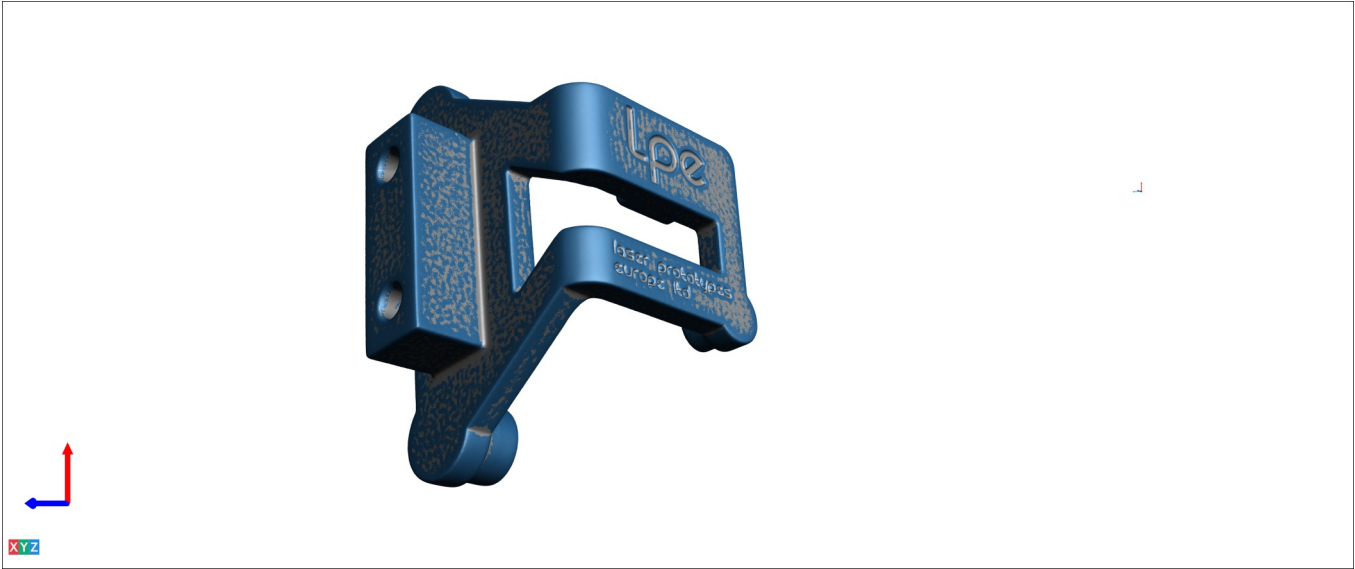
Project information	
Customer name	Laser Prototypes
Organization	3D Scanning, Reverse Engineering, Inspection and 3D Printing
Project name	LPE Model
Part number	Model - 123
Drawing number	Model - 123 Rev A
Units	mm

Part information	
Part name	LPE Model
Date	22/08/2023
Time	11:47
Operator name	Sean Norris
Device	HandyScan 700 Elite Silver

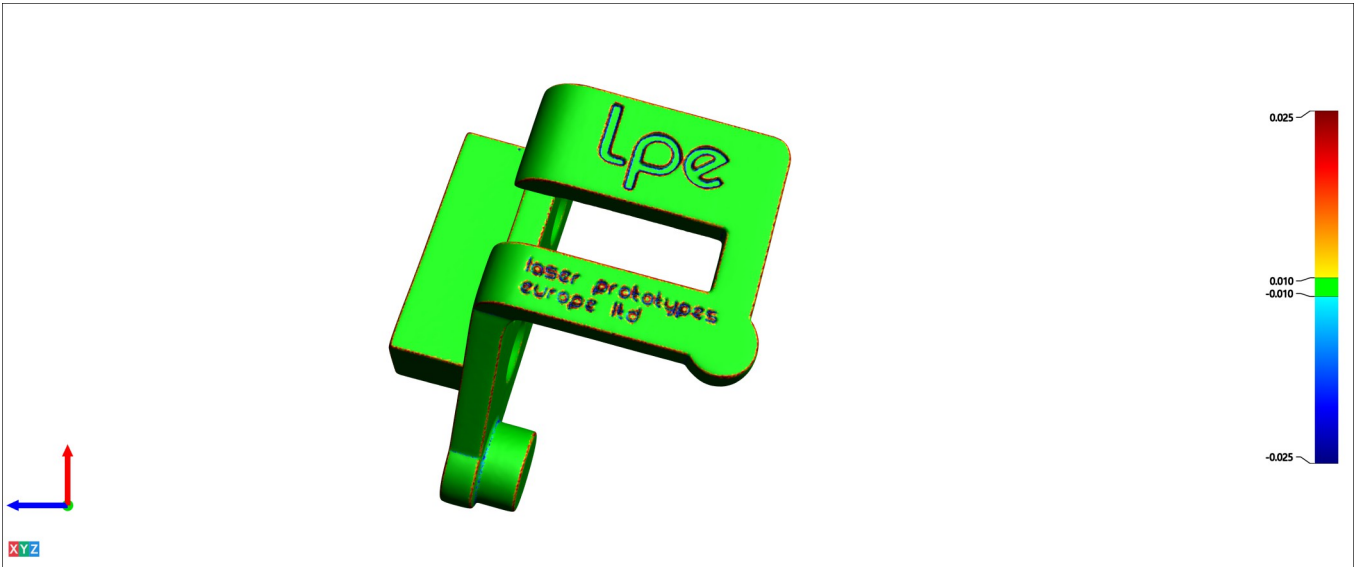
CAD Model



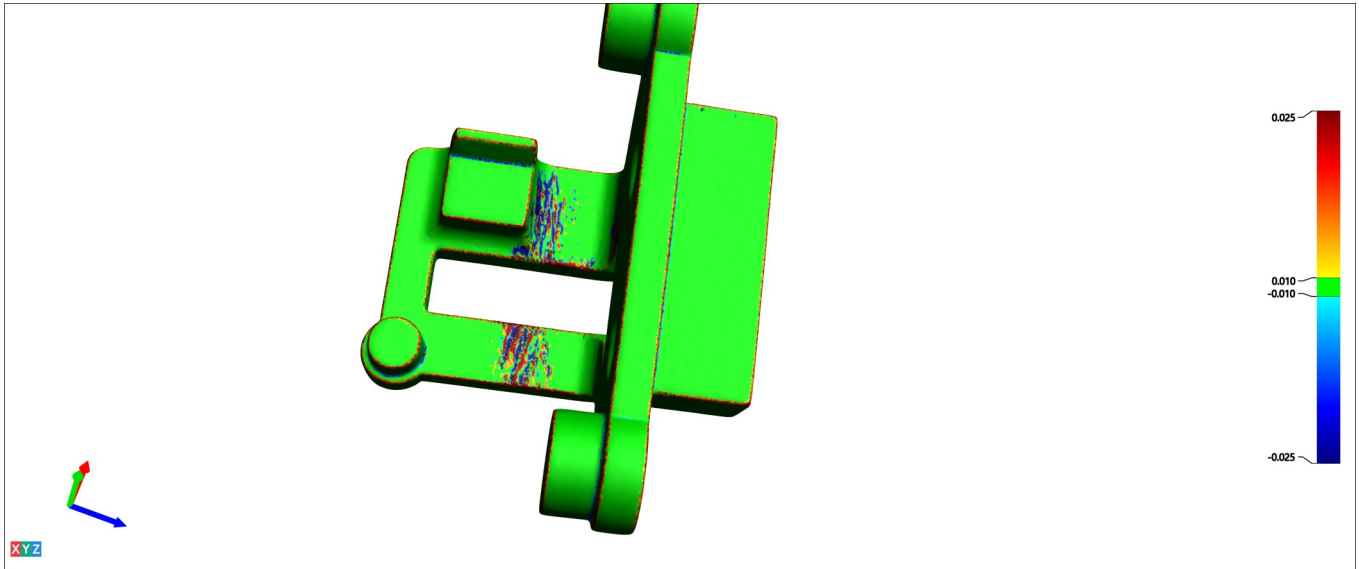
Scan Alignment



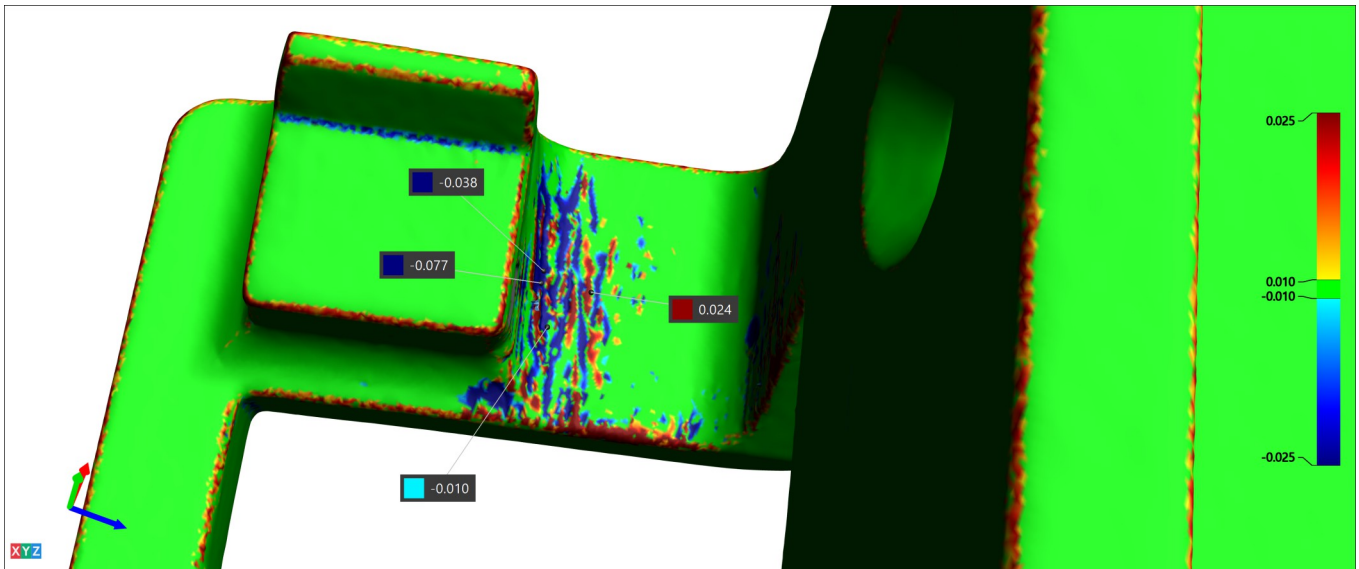
Colour Map



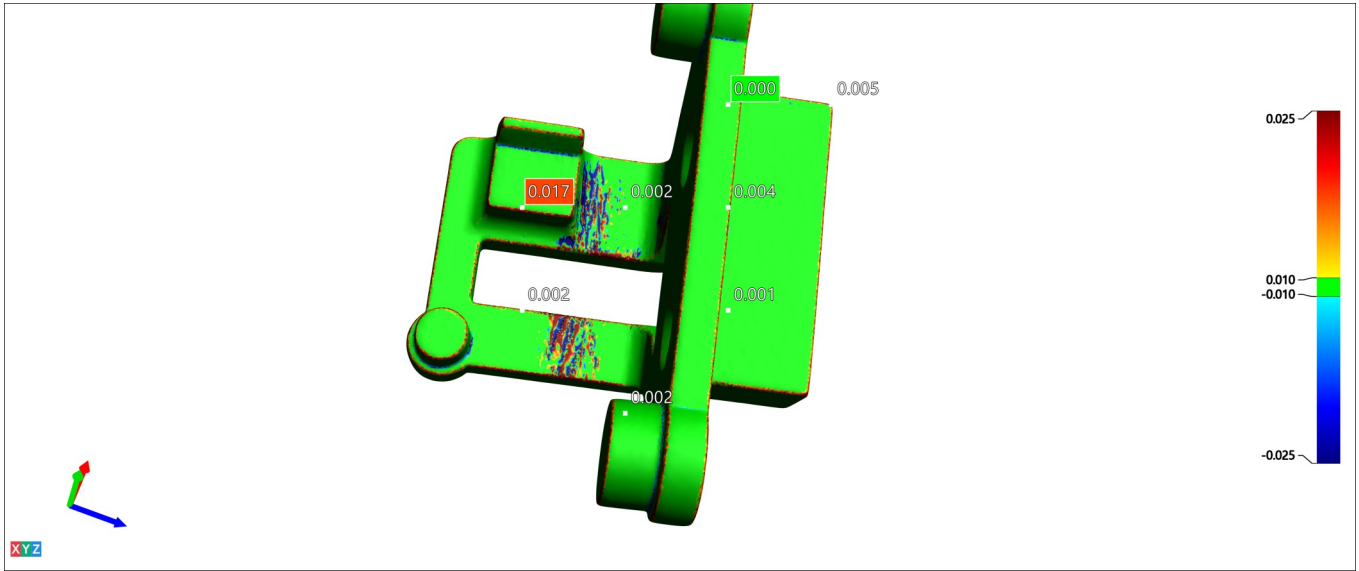
View 1



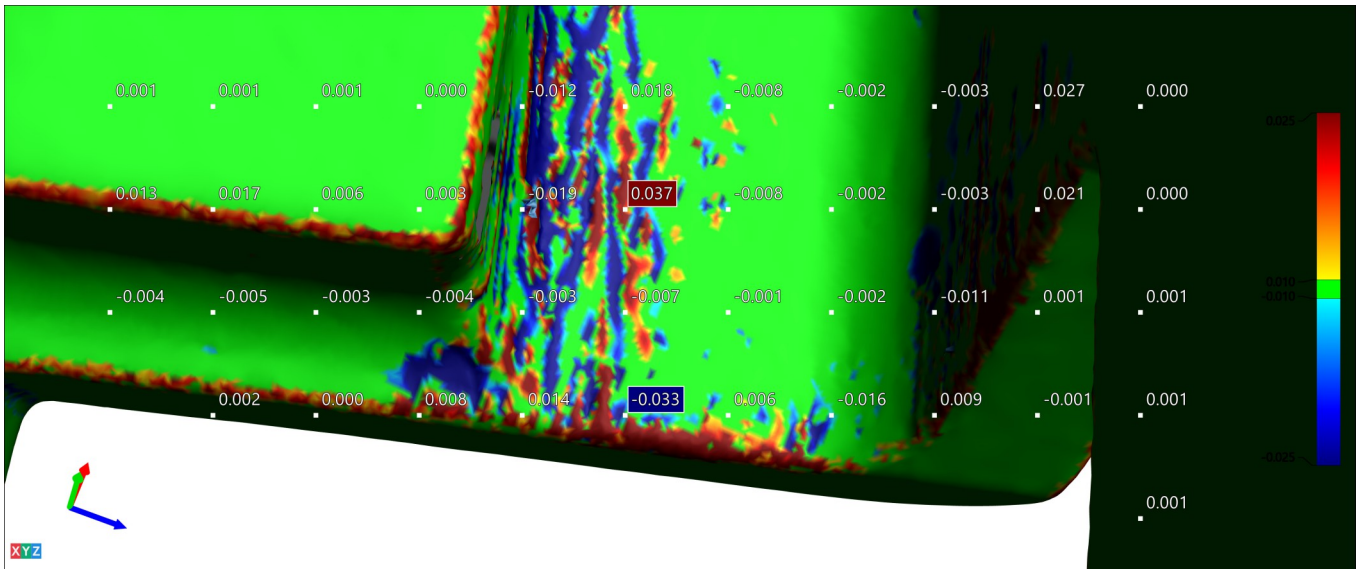
View 2



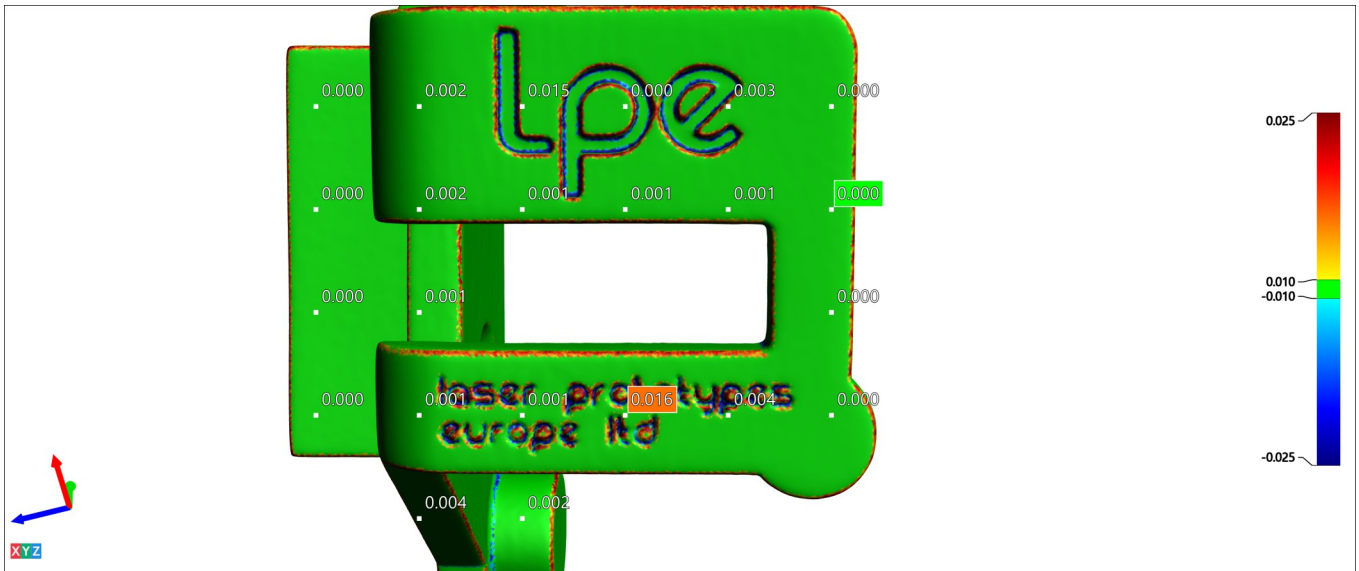
View 3



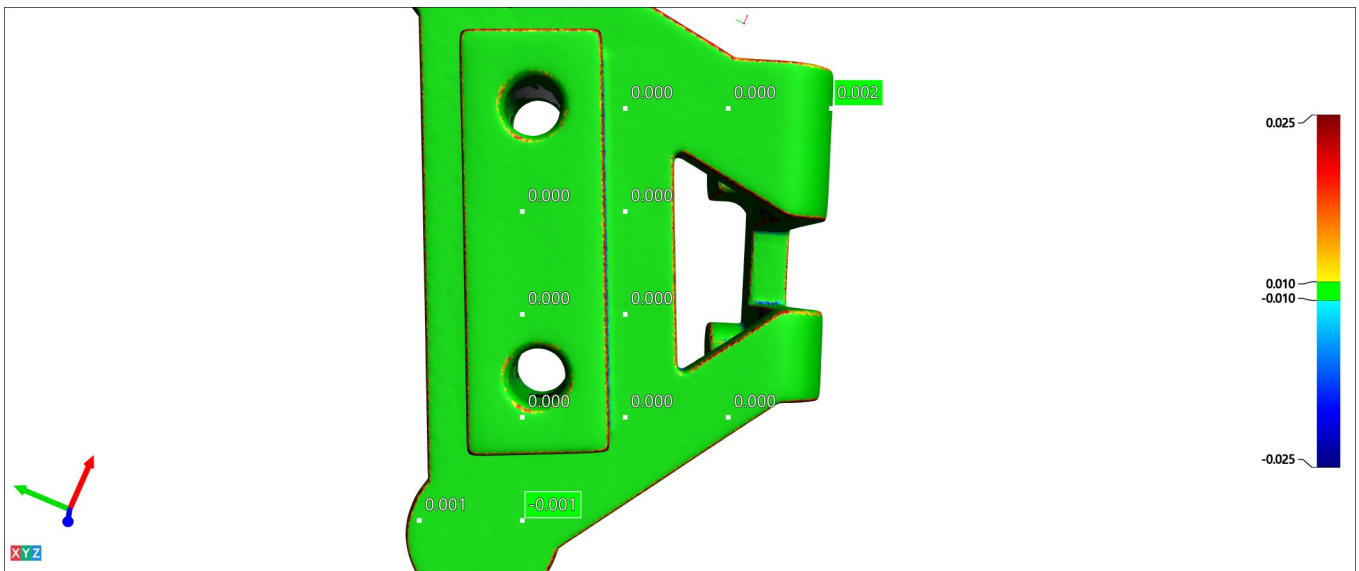
View 3



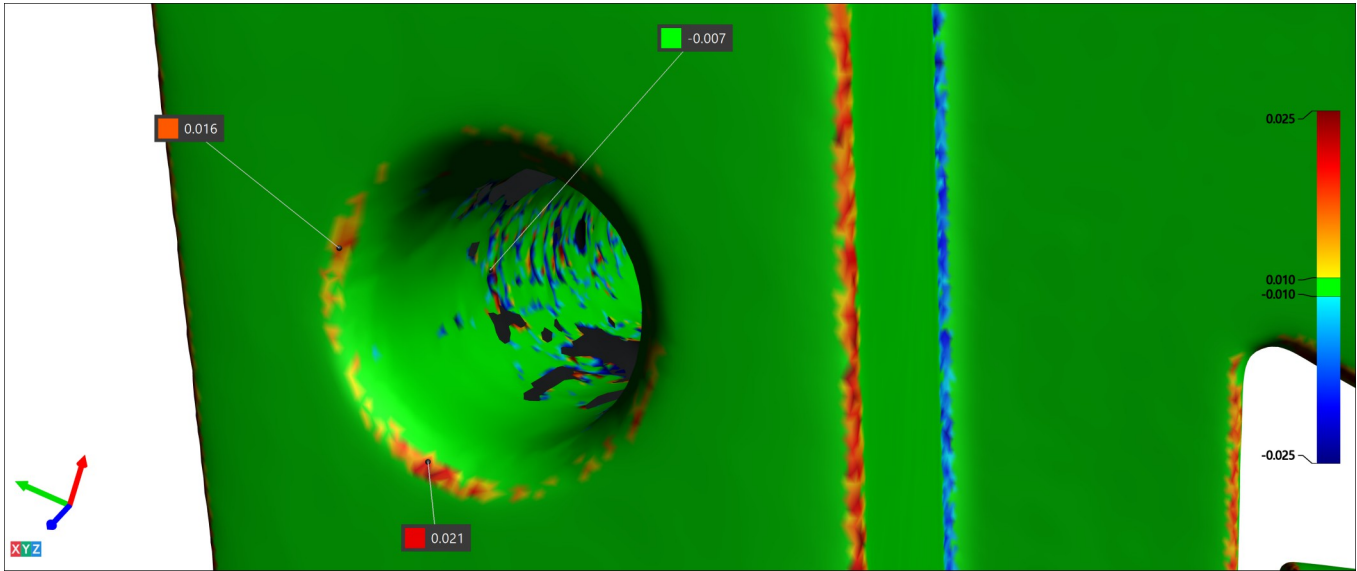
View 4



View 5



View 6



Plane 1

Alignment : Surface best fit 1

GD&T	Measured	Tendency	Out of tol.
1.000	0.211		

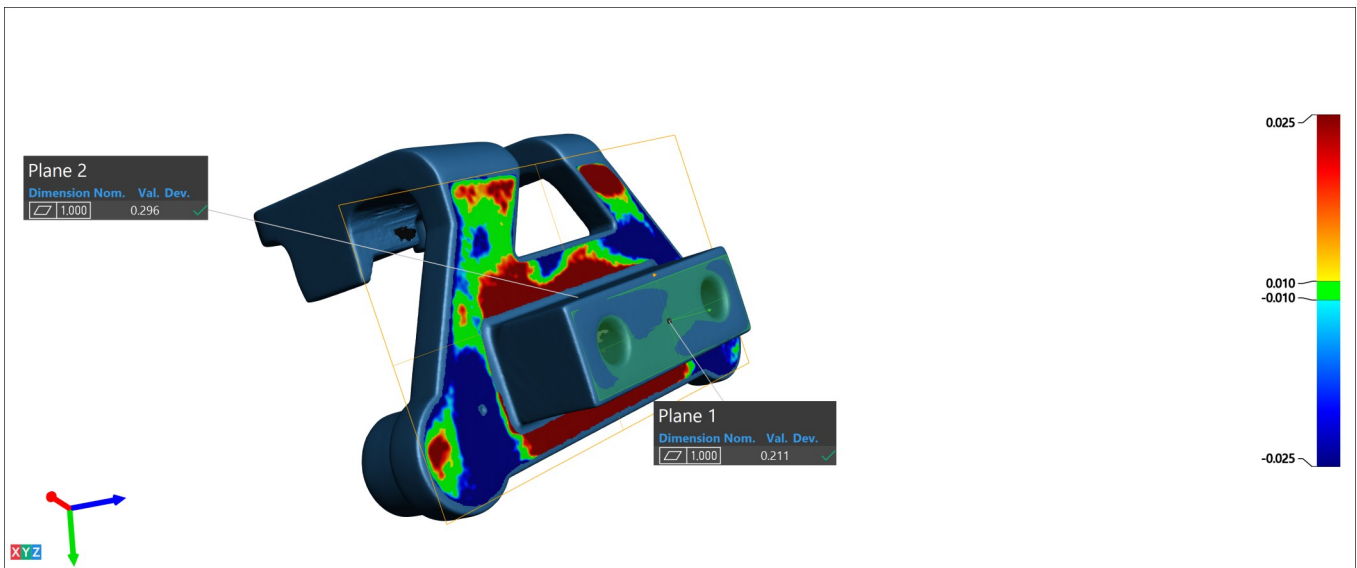


Plane 2

Alignment : Surface best fit 1

GD&T	Measured	Tendency	Out of tol.
1.000	0.296		

Planes



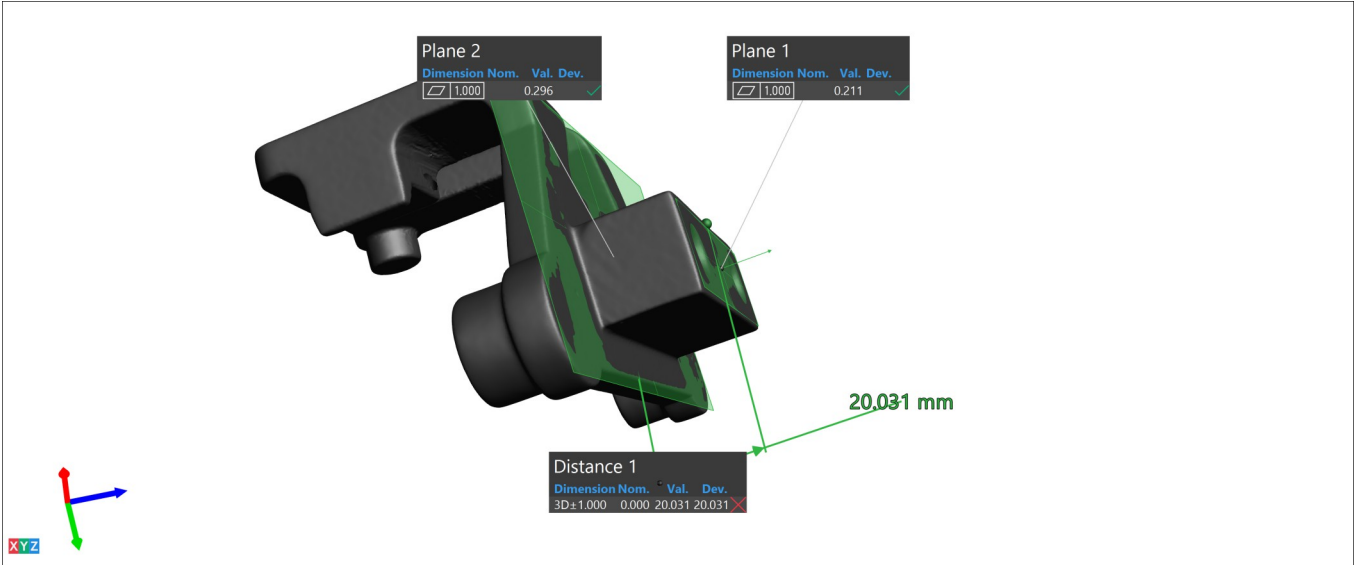


Distance 1

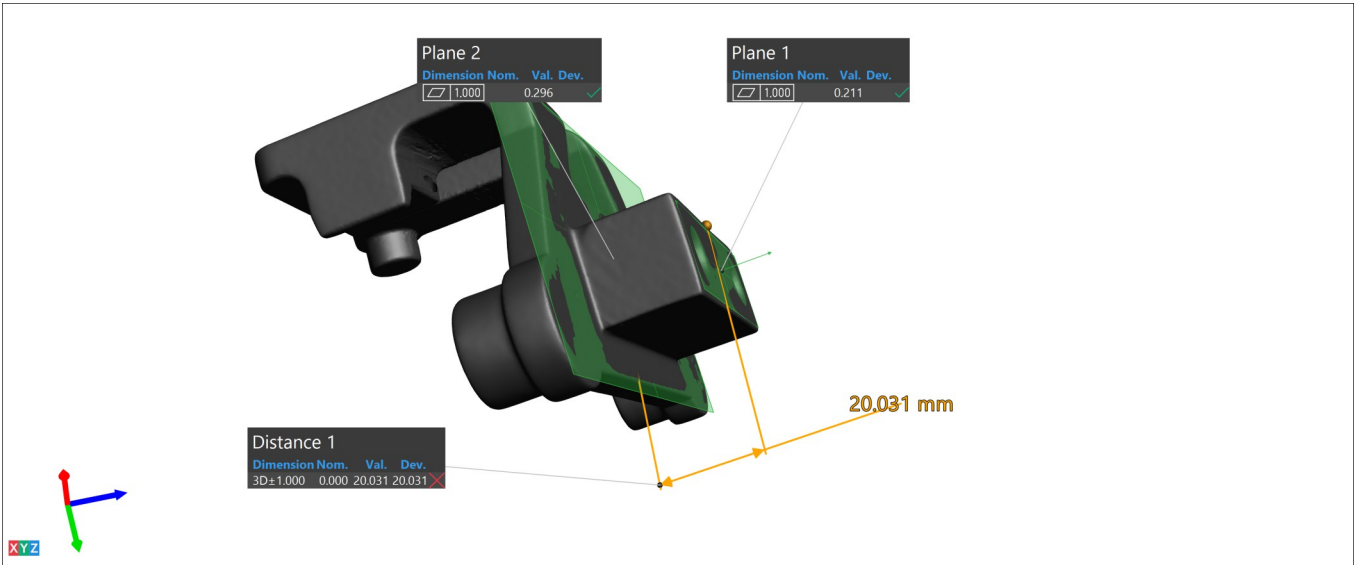
Alignment : Surface best fit 1

Dimensions	Tolerance	Nominal	Measured	Deviations	Tendency	Out of tol.
3D	±1.000	0.000	20.031	20.031		19.031

Planes 2





Distance 1





Circle 1



Alignment : Surface best fit 1

Dimensions	Tolerance	Nominal	Measured	Deviations	Tendency	Out of tol.
X	±1.000		-9.440			
Y	±1.000		33.799			
Z	±1.000		341.241			
∅	±1.000		8.456			
GD&T			Measured		Tendency	Out of tol.
 1.000			0.583			

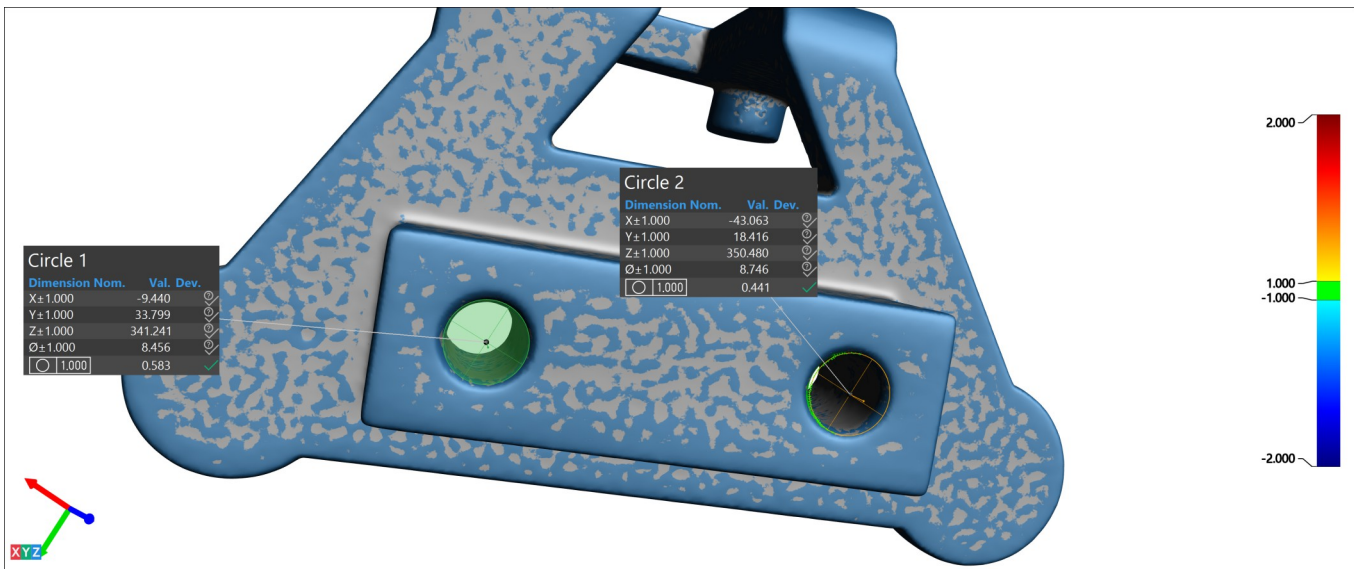


Circle 2

Alignment : Surface best fit 1


Dimensions	Tolerance	Nominal	Measured	Deviations	Tendency	Out of tol.
X	±1.000		-43.063			
Y	±1.000		18.416			
Z	±1.000		350.480			
∅	±1.000		8.746			
GD&T			Measured		Tendency	Out of tol.
 1.000			0.441			

Holes



Distance 2

Alignment : Surface best fit 1

Dimensions	Tolerance	Nominal	Measured	Deviations	Tendency	Out of tol.
3D	±1.000	0.000	38.112	38.112		37.112

Hole Distance

