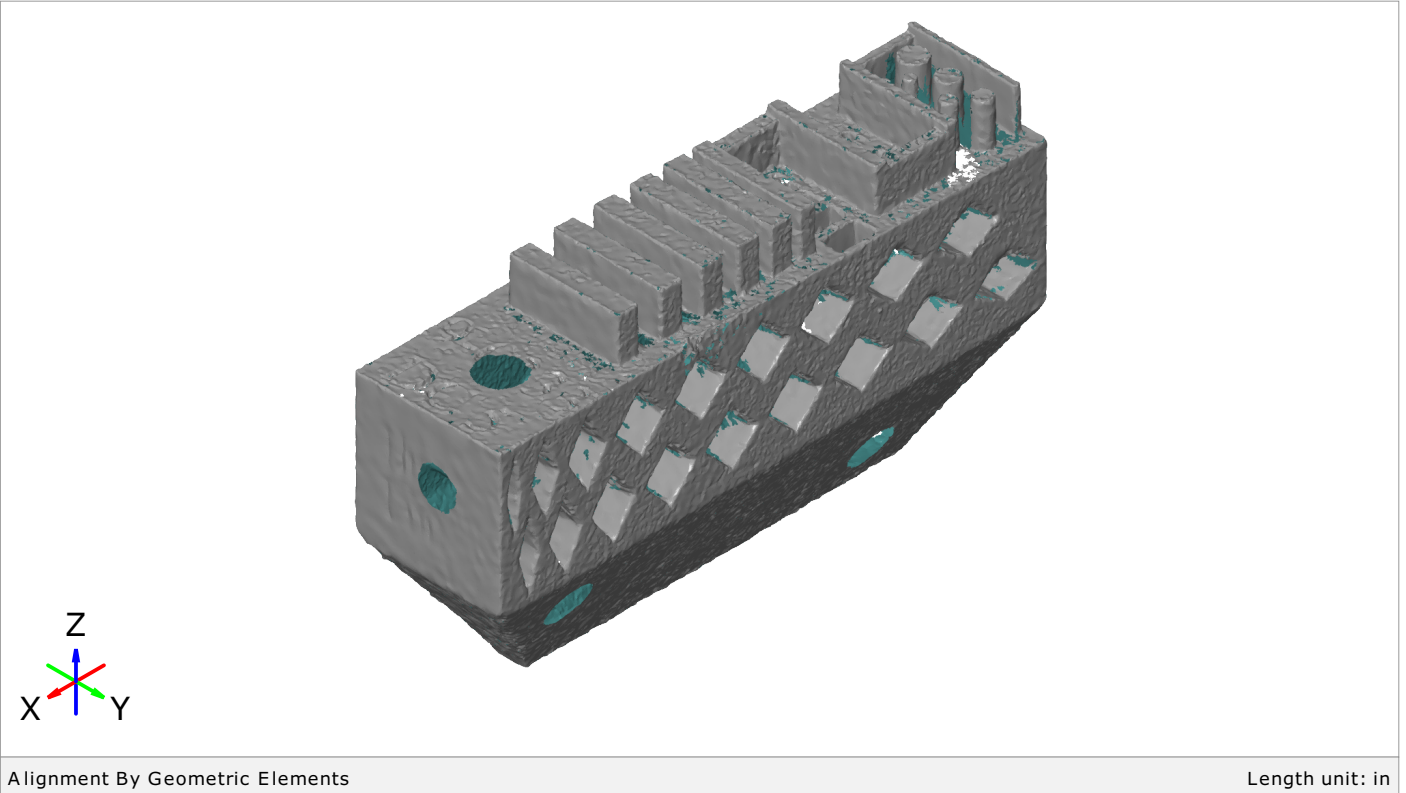


Dimensional Corner Inspection Report

9_0333_DC5_Segment1

Deviation reference: 9_0333_DC5_Segment5



Inspector: John Ivester

Company: NASA

Department: EM42

Location: MSFC 4707-103

Date: 5/16/2022

Project: Blue Origin ACO

CAD Model: DimensionalCorner (5)

Scan Data 9_0333_DC5_Sec1-5

Version: Version 2

Customer: Brian West, EM42

System: ATOS 5

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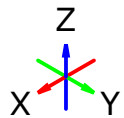
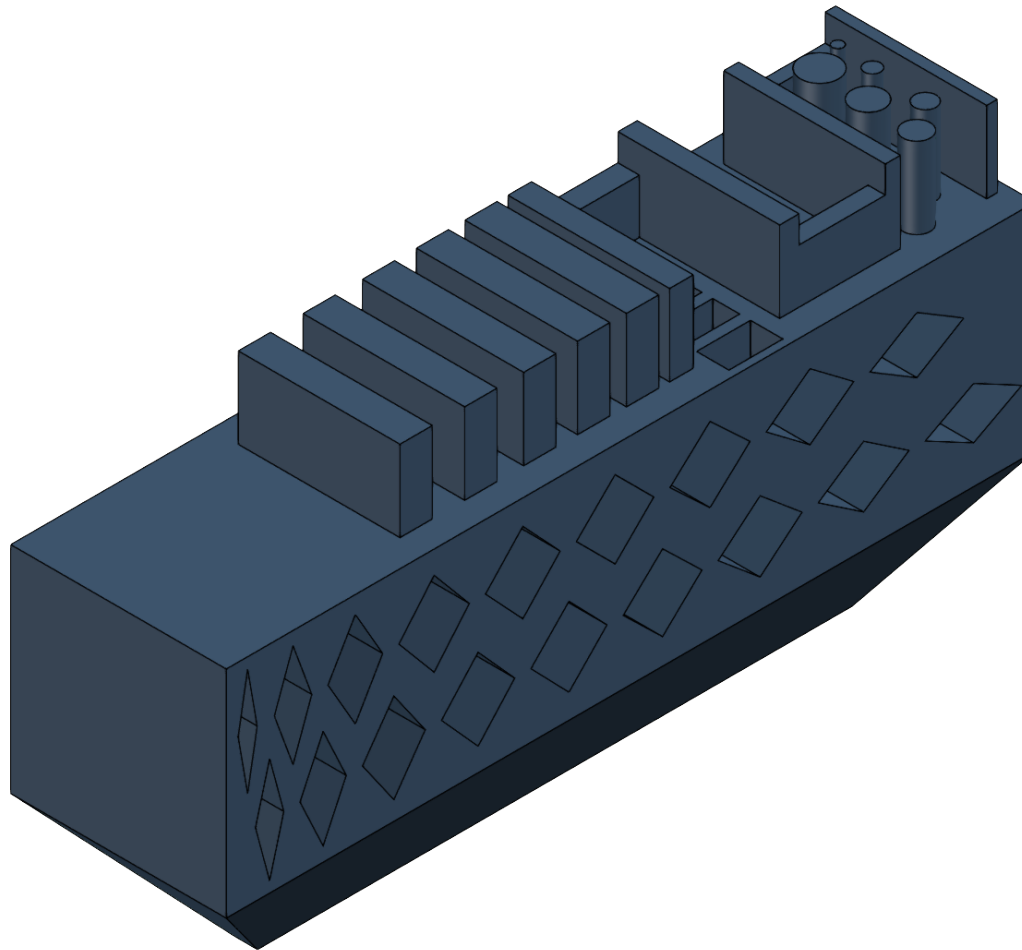
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CAD Model - Iso View

9_0333_DC5_Segment1

Deviation reference: 9_0333_DC5_Segment5

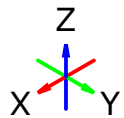
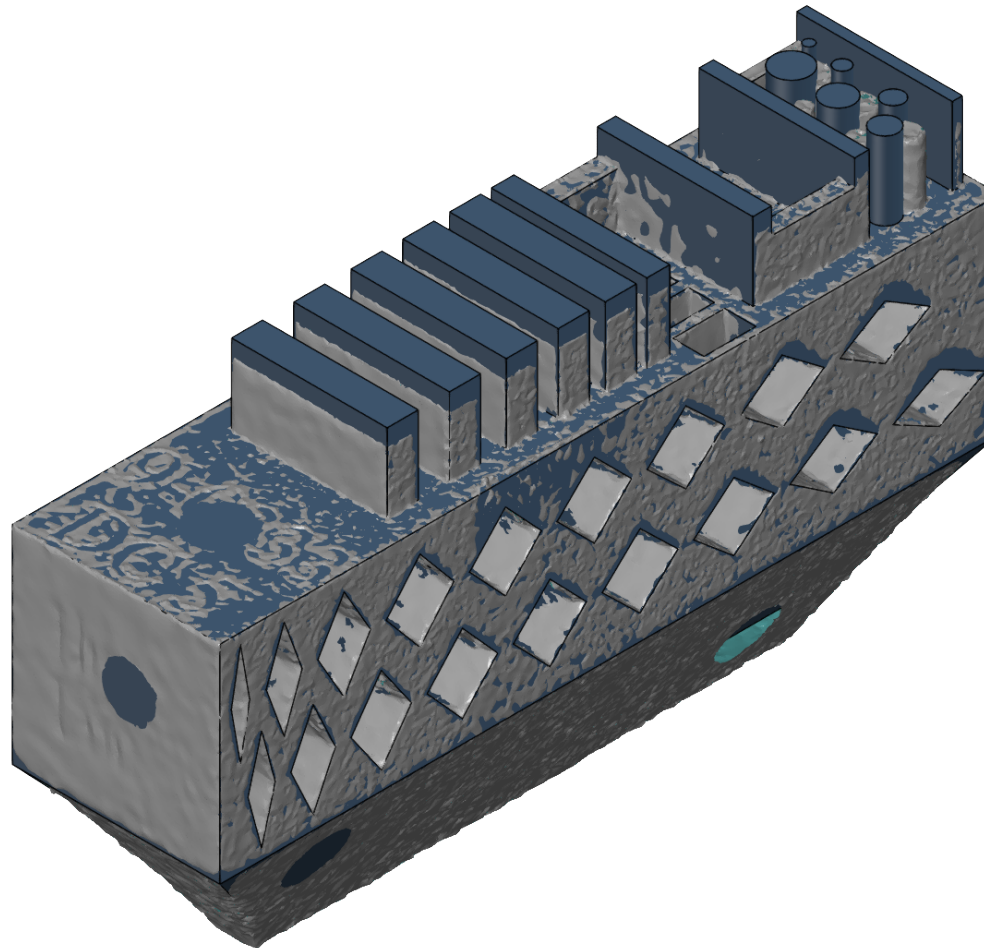


Length unit: in

CAD Model/Scan Data Overlay - Iso View, Segment 1

9_0333_DC5_Segment1

Deviation reference: 9_0333_DC5_Segment5



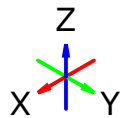
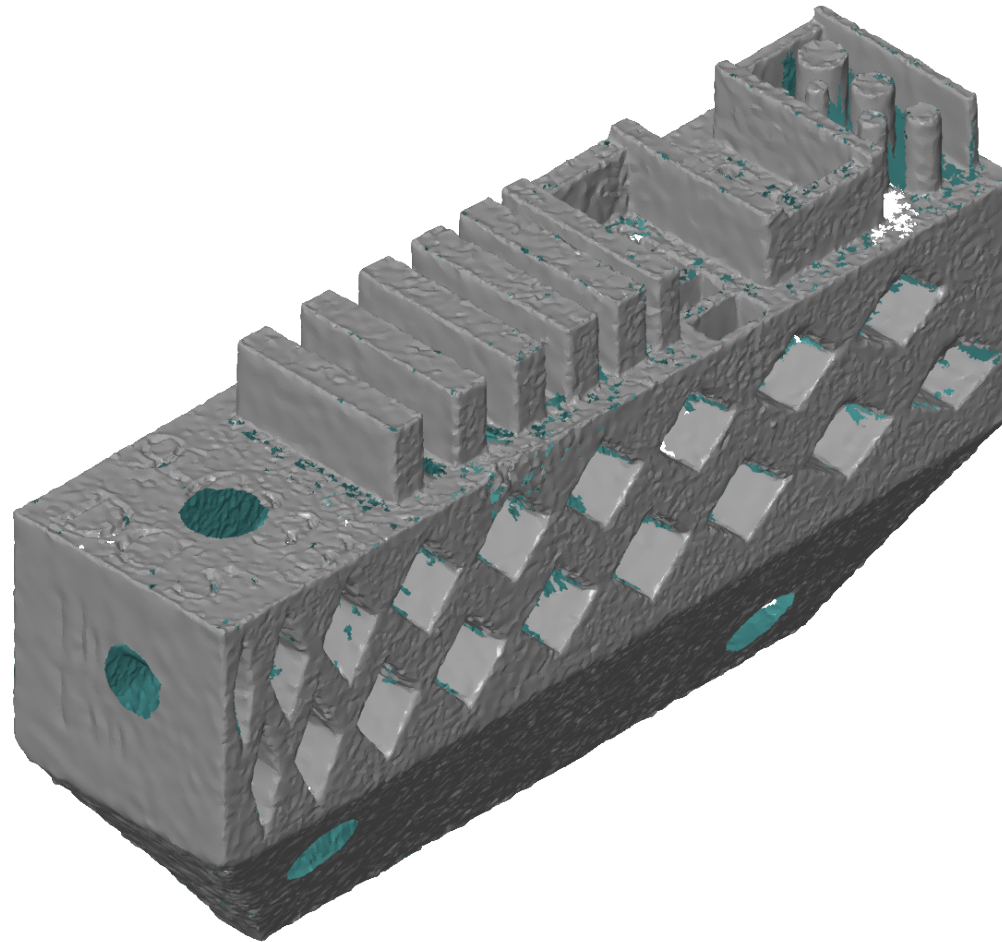
Alignment By Geometric Elements

Length unit: in

Scan Data - Iso View, Segment 1

9_0333_DC5_Segment1

Deviation reference: 9_0333_DC5_Segment5



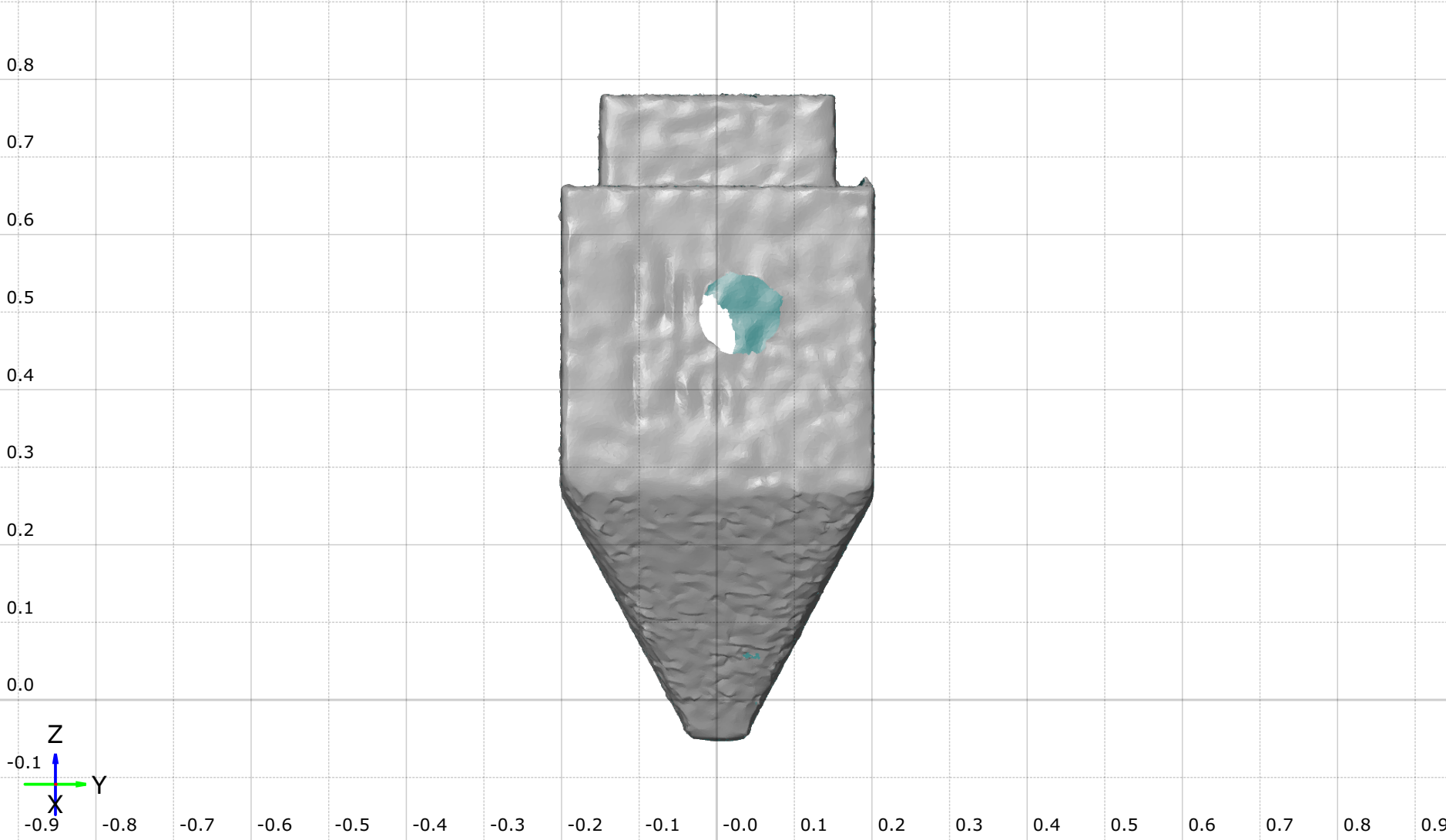
Alignment By Geometric Elements

Length unit: in

Scan Data - Front View, Segment 1

9_0333_DC5_Segment1

Deviation reference: 9_0333_DC5_Segment5

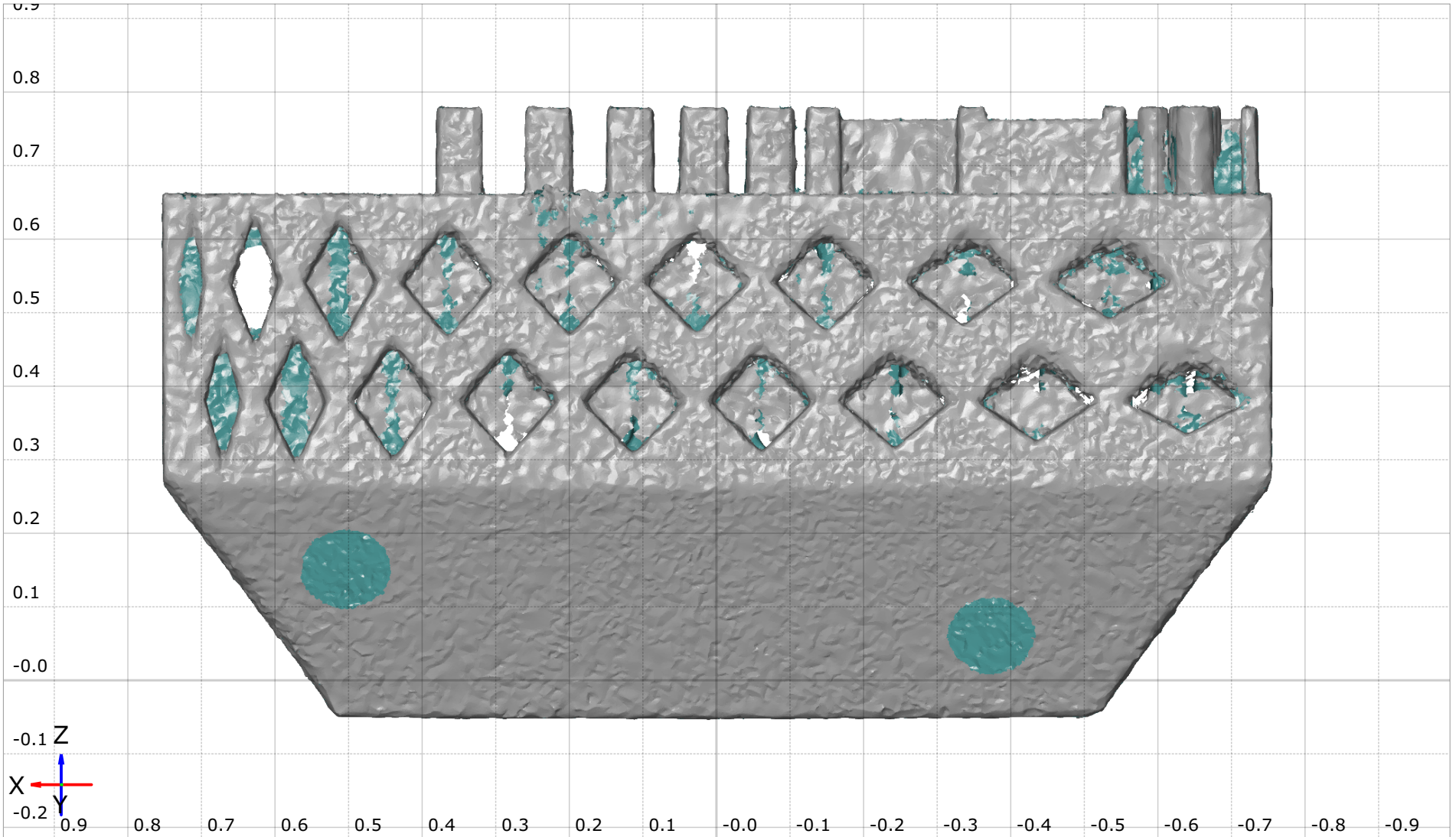


Alignment By Geometric Elements Length unit: in

Scan Data - Left View, Segment 1

9_0333_DC5_Segment1

Deviation reference: 9_0333_DC5_Segment5



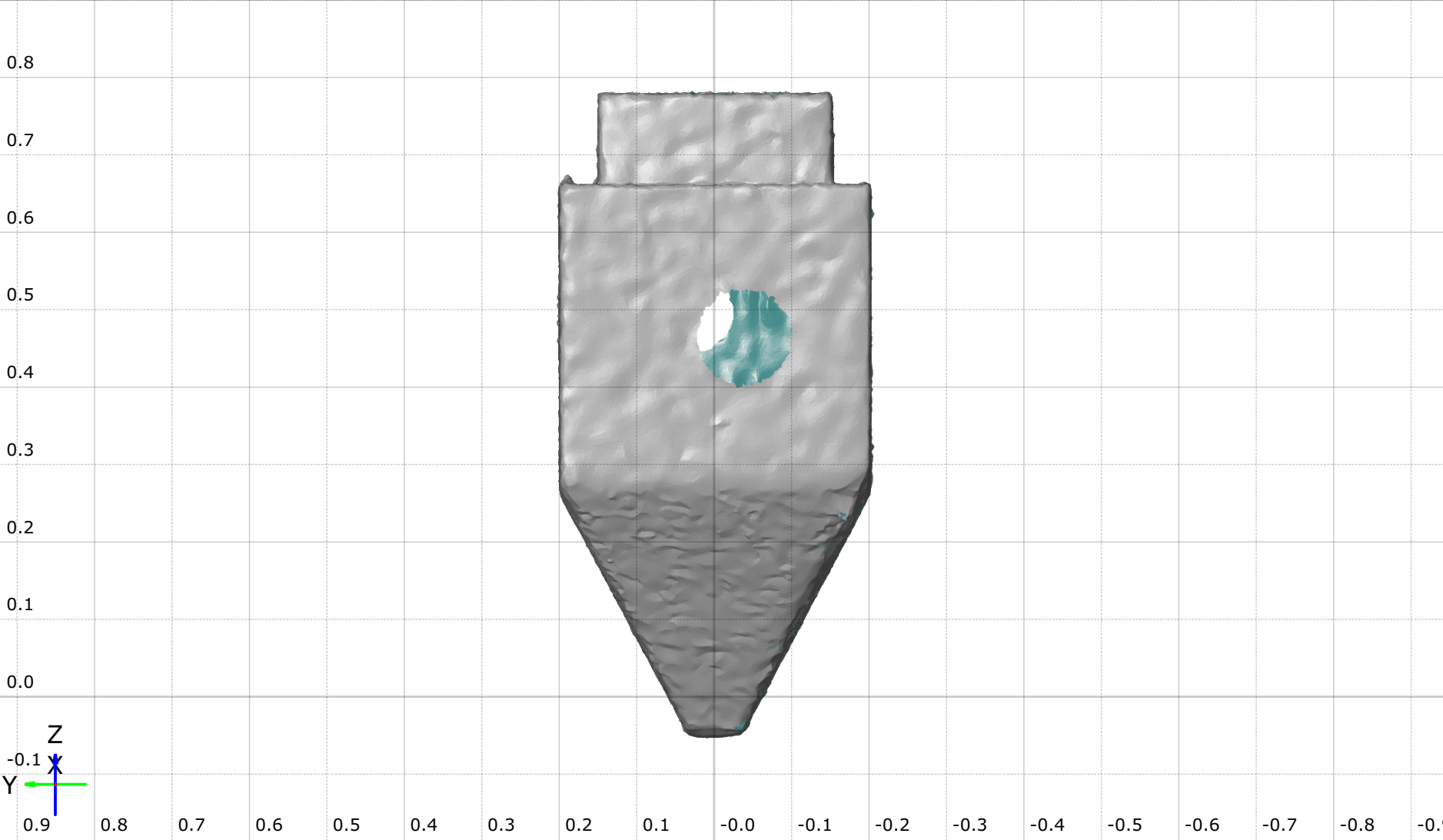
Alignment By Geometric Elements

Length unit: in

Scan Data - Back View, Segment 1

9_0333_DC5_Segment1

Deviation reference: 9_0333_DC5_Segment5

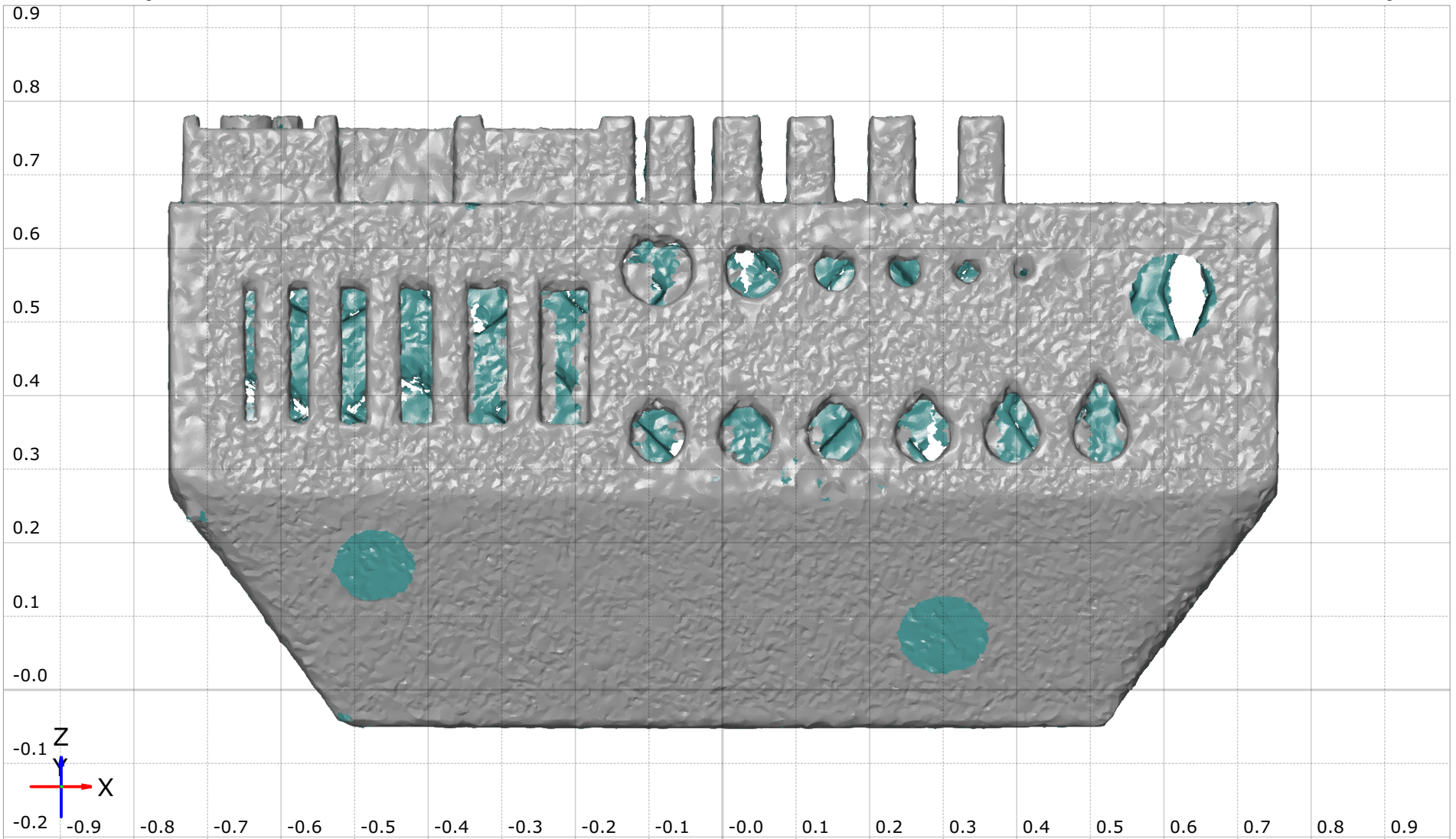


Alignment By Geometric Elements Length unit: in

Scan Data - Right View, Segment 1

9_0333_DC5_Segment1

Deviation reference: 9_0333_DC5_Segment5



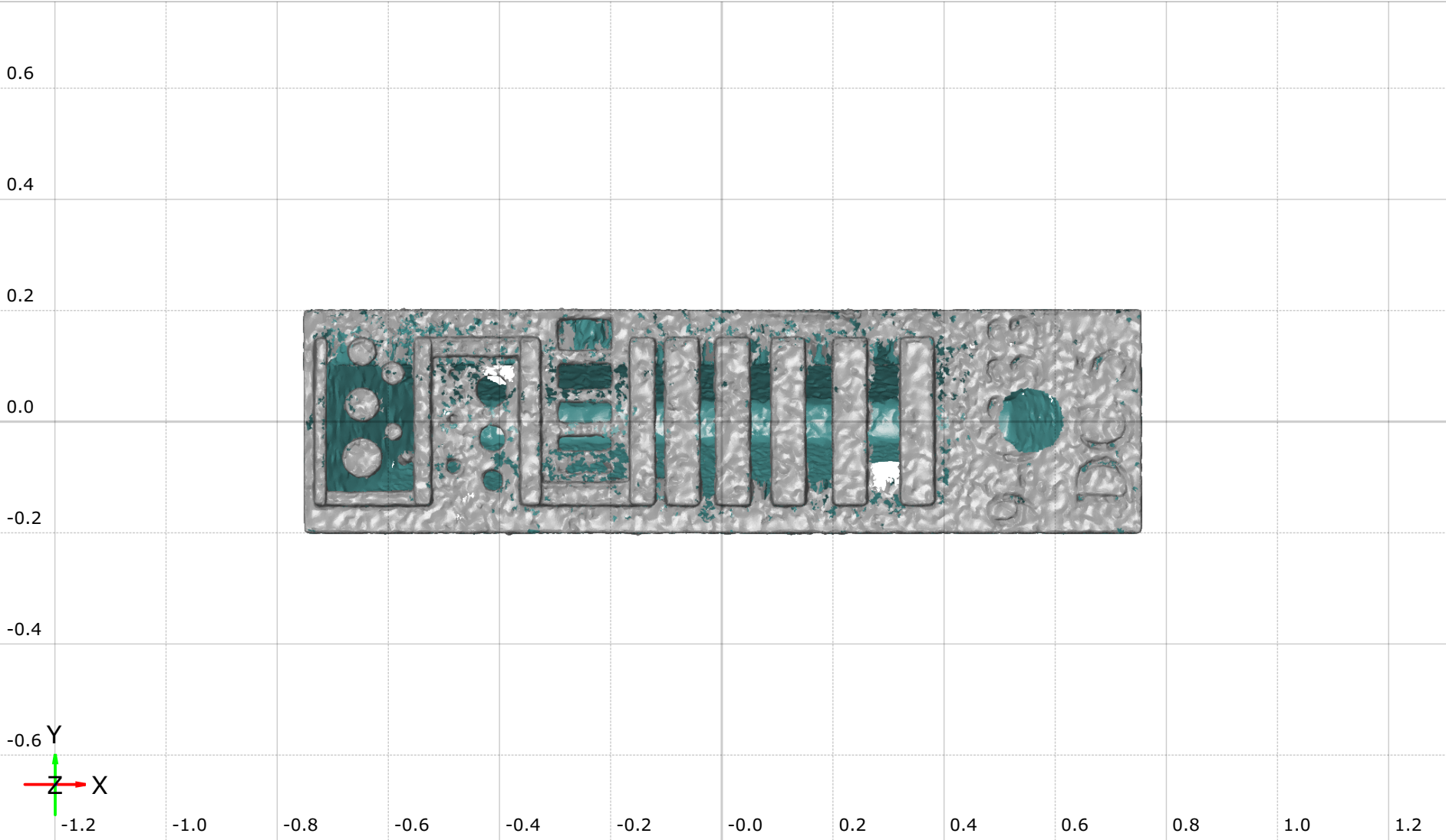
Alignment By Geometric Elements

Length unit: in

Scan Data - Top View, Segment 1

9_0333_DC5_Segment1

Deviation reference: 9_0333_DC5_Segment5

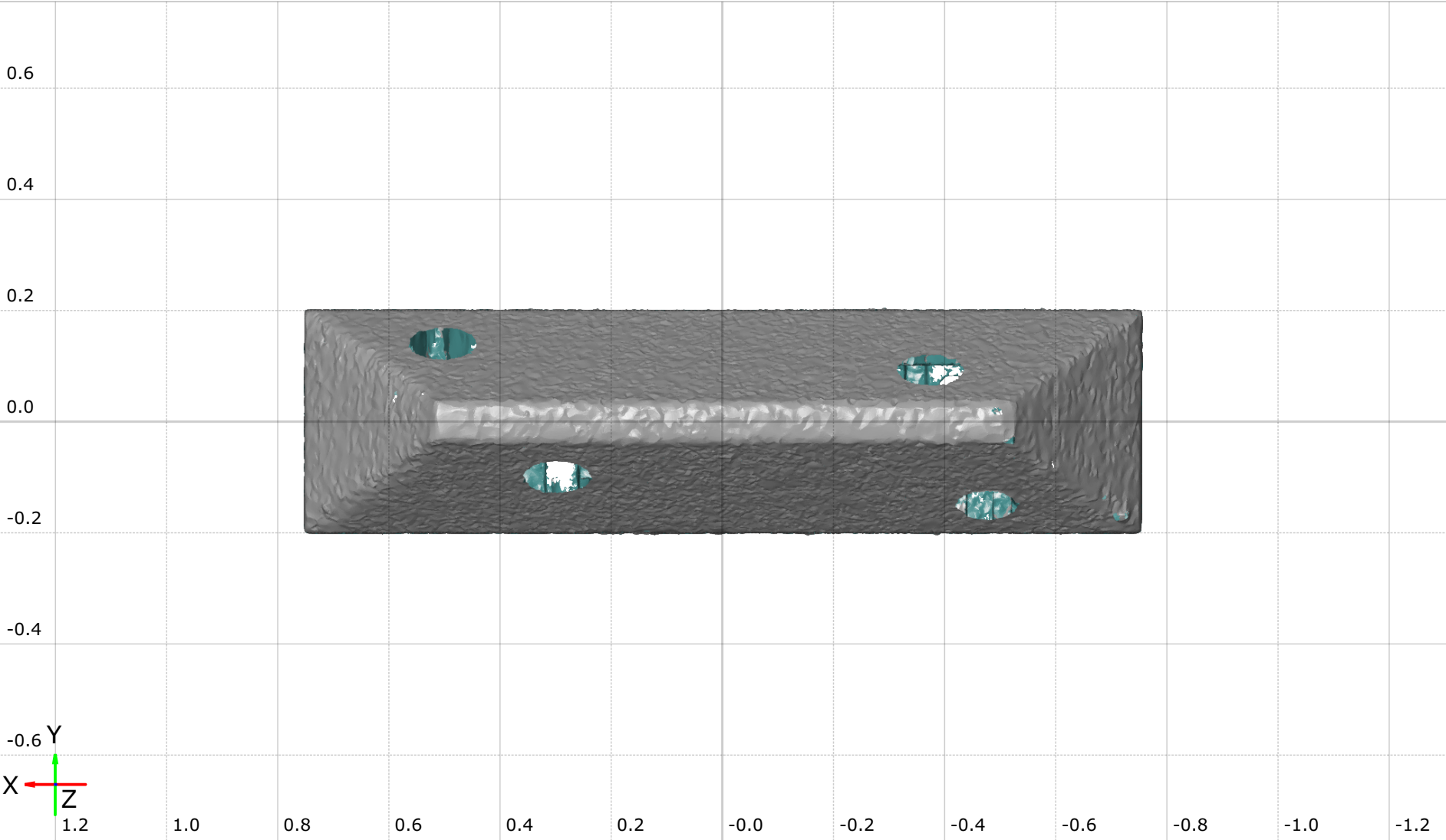


Alignment By Geometric Elements Length unit: in

Scan Data - Bottom View, Segment 1

9_0333_DC5_Segment1

Deviation reference: 9_0333_DC5_Segment5

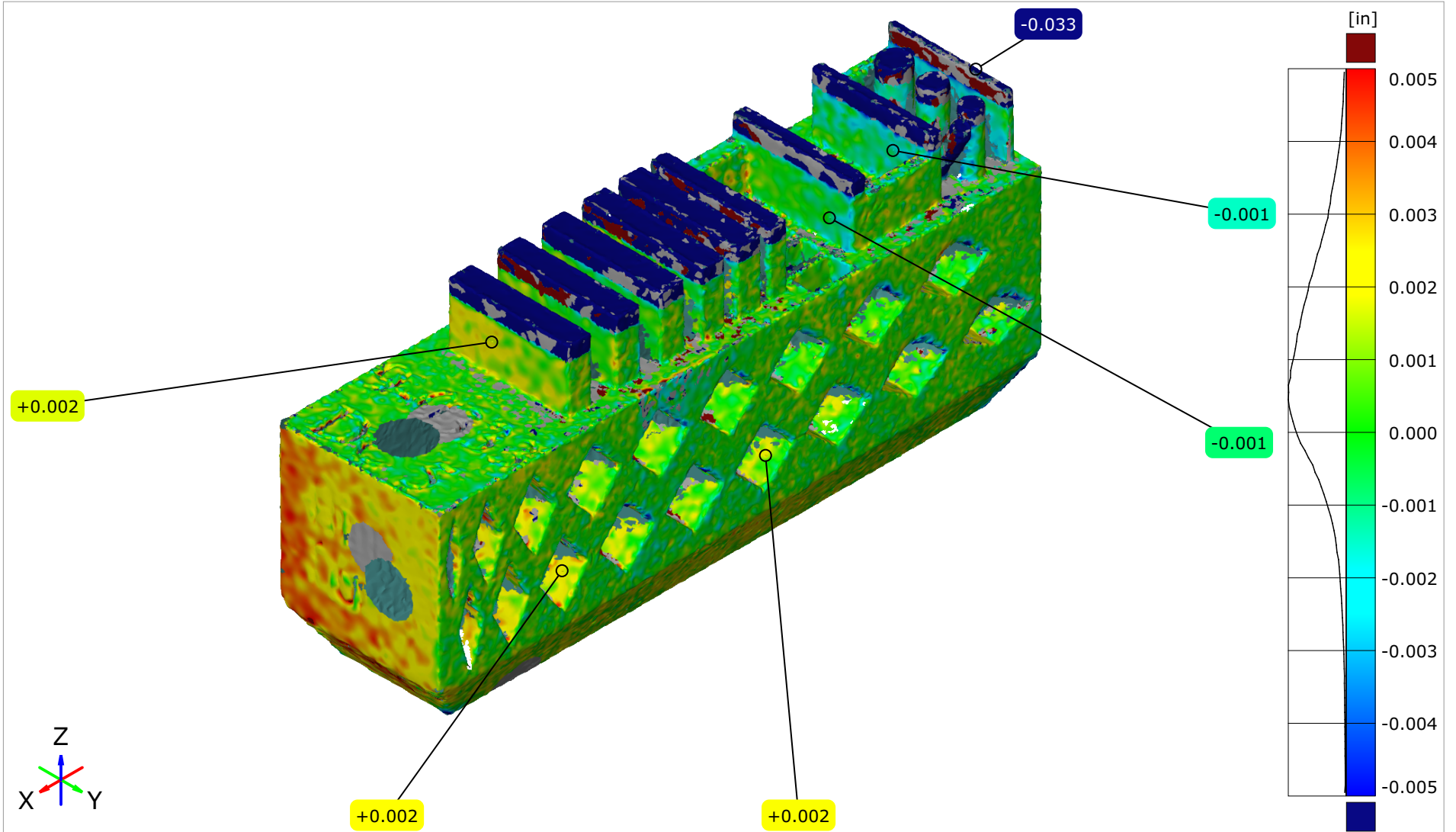


Alignment By Geometric Elements Length unit: in

3D Deviation - Iso View, Segment 1

9_0333_DC5_Segment1

Deviation reference: 9_0333_DC5_Segment5



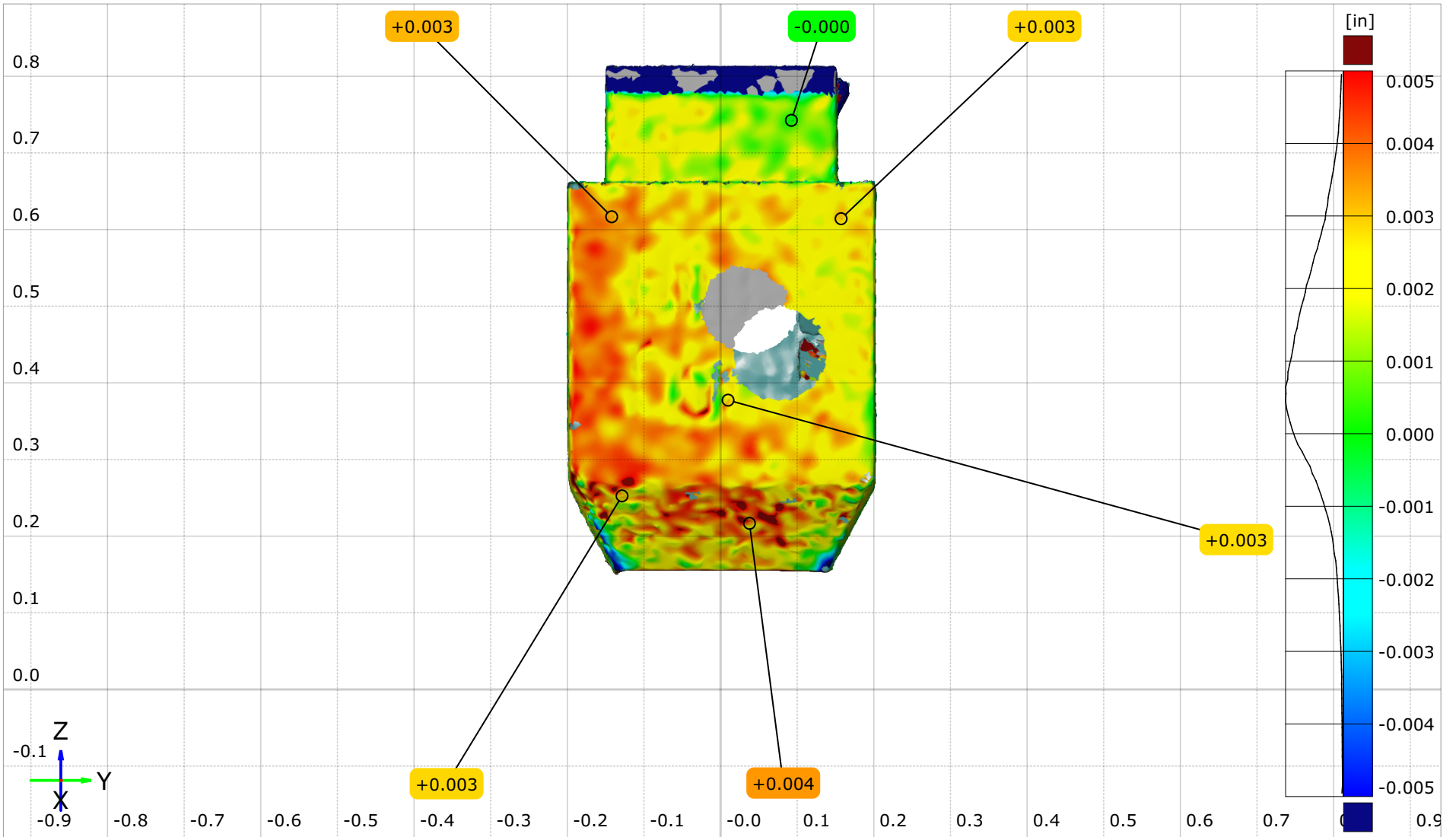
Alignment By Geometric Elements

Length unit: in

3D Deviation - Front View, Segment 1

9_0333_DC5_Segment1

Deviation reference: 9_0333_DC5_Segment5



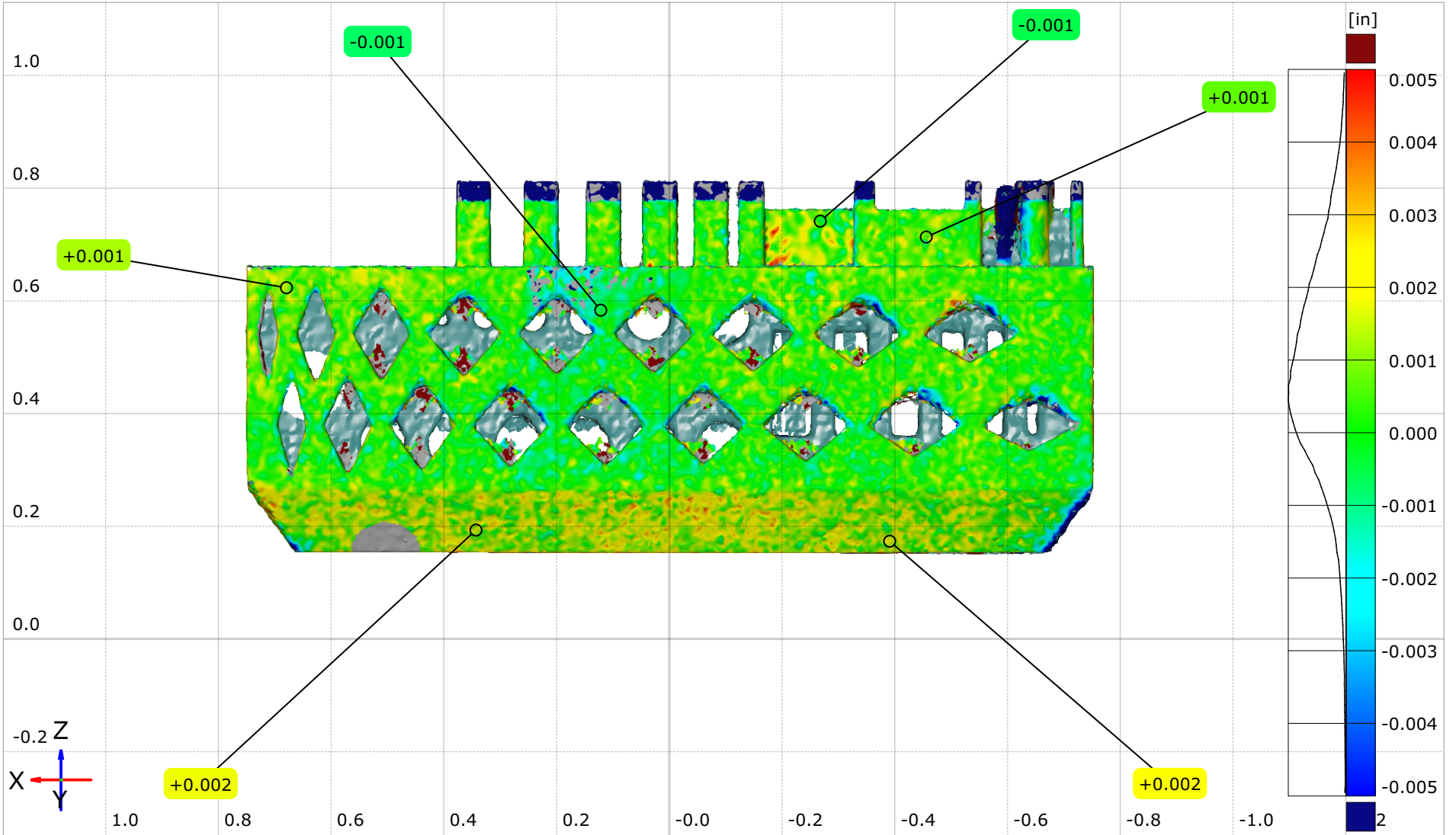
Alignment By Geometric Elements

Length unit: in

3D Deviation - Left View, Segment 1

9_0333_DC5_Segment1

Deviation reference: 9_0333_DC5_Segment5



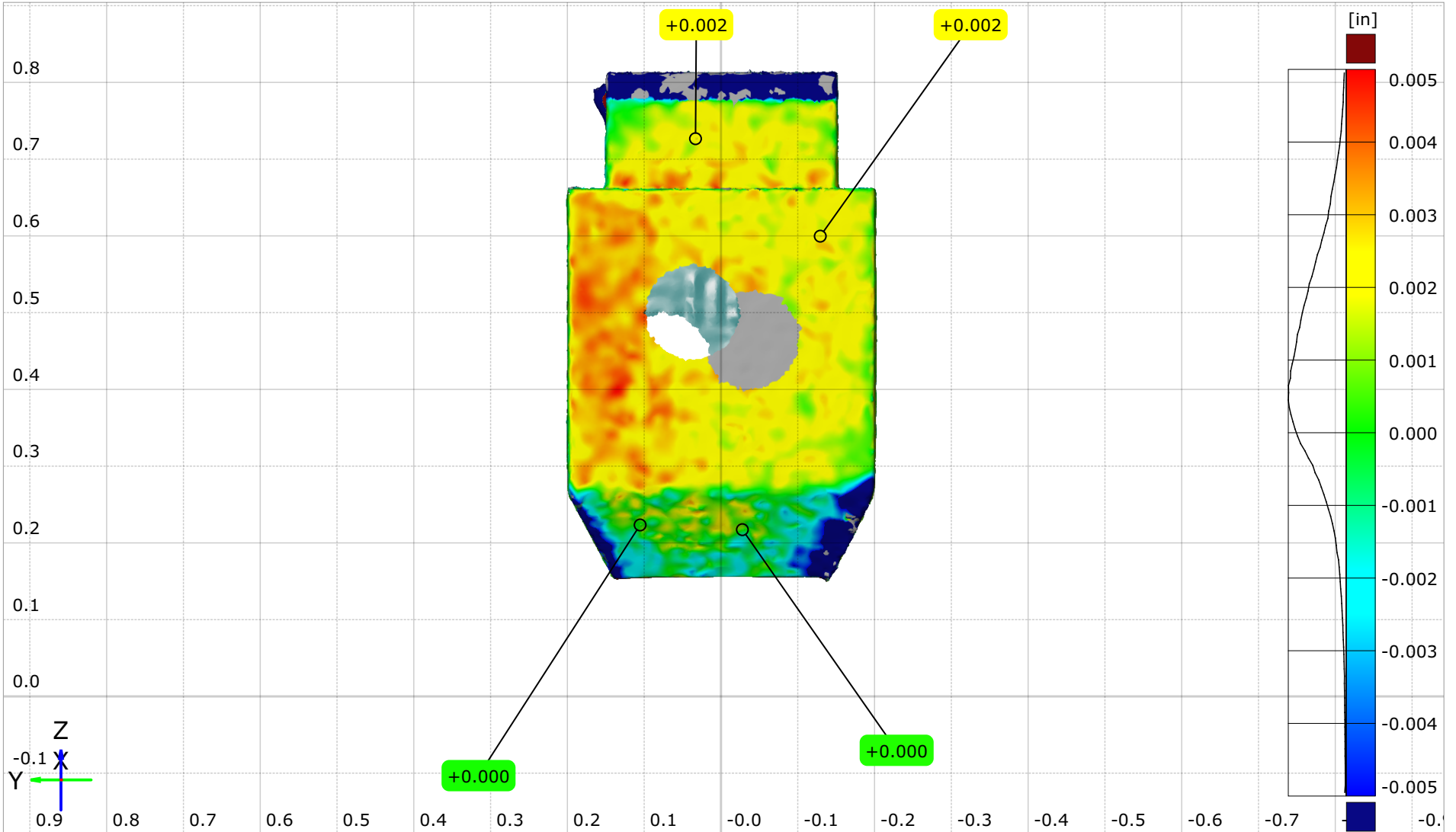
Alignment By Geometric Elements

Length unit: in

3D Deviation - Back View, Segment 1

9_0333_DC5_Segment1

Deviation reference: 9_0333_DC5_Segment5



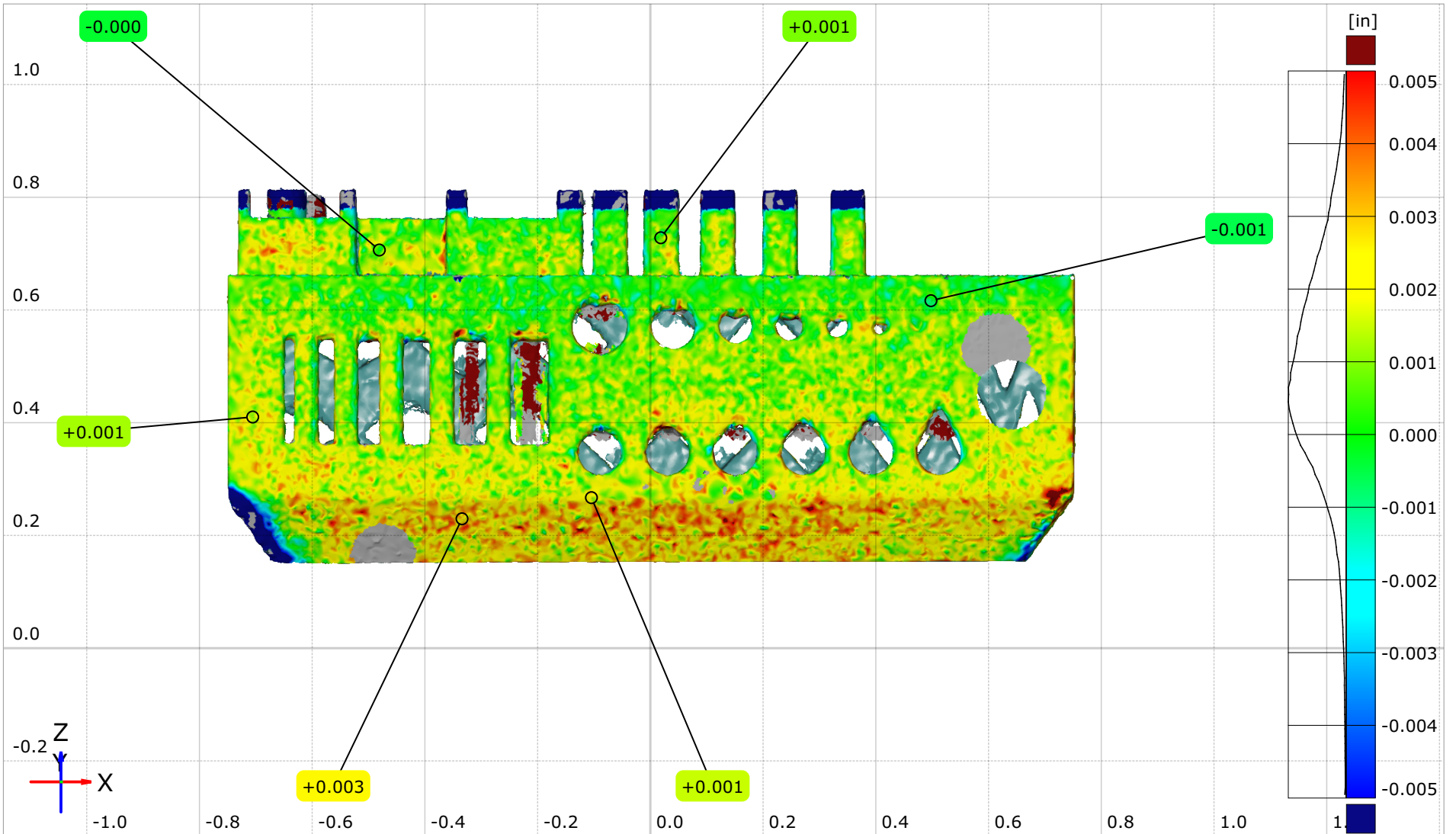
Alignment By Geometric Elements

Length unit: in

3D Deviation - Right View, Segment 1

9_0333_DC5_Segment1

Deviation reference: 9_0333_DC5_Segment5



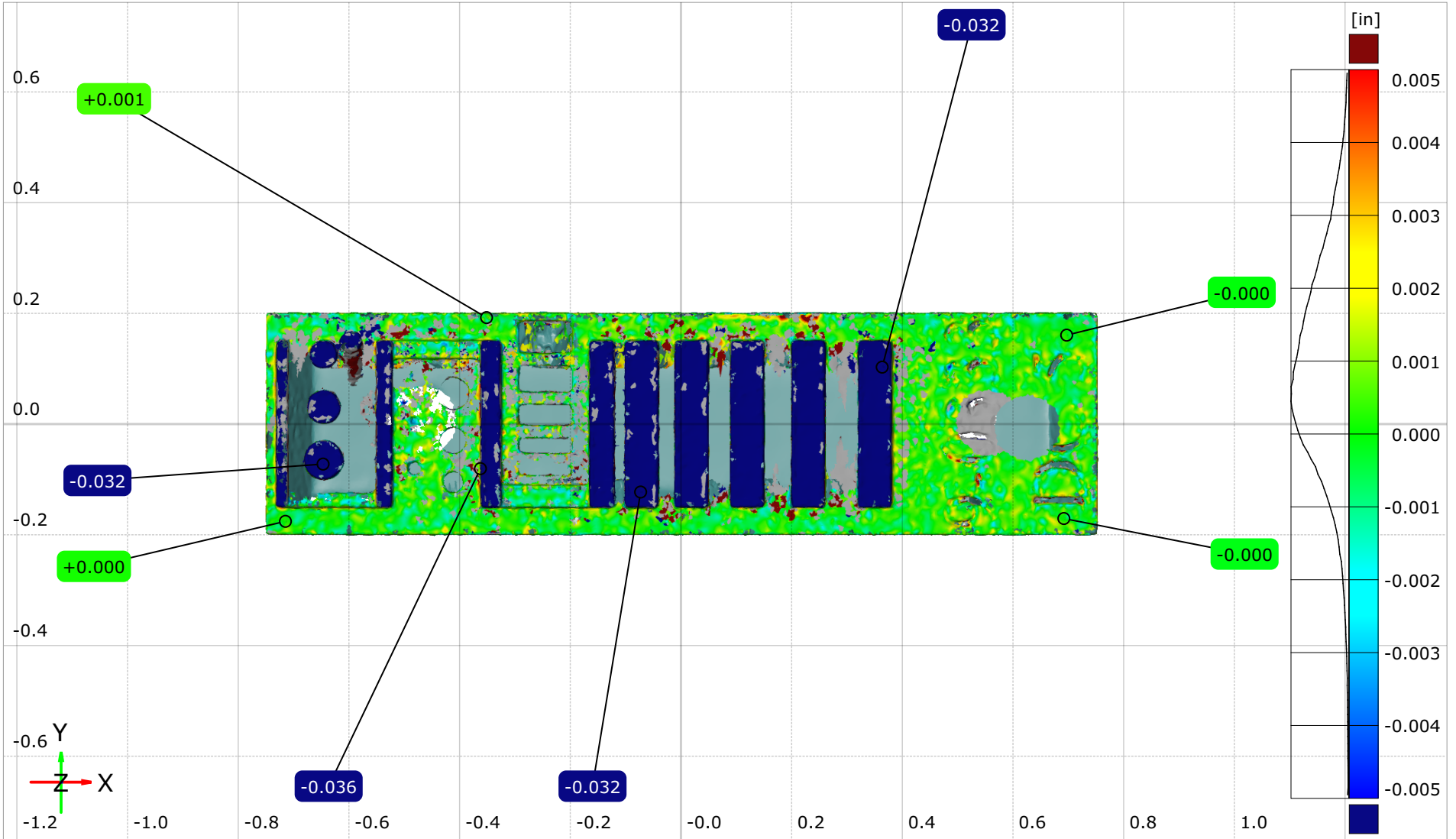
Alignment By Geometric Elements

Length unit: in

3D Deviation - Top View, Segment 1

9_0333_DC5_Segment1

Deviation reference: 9_0333_DC5_Segment5



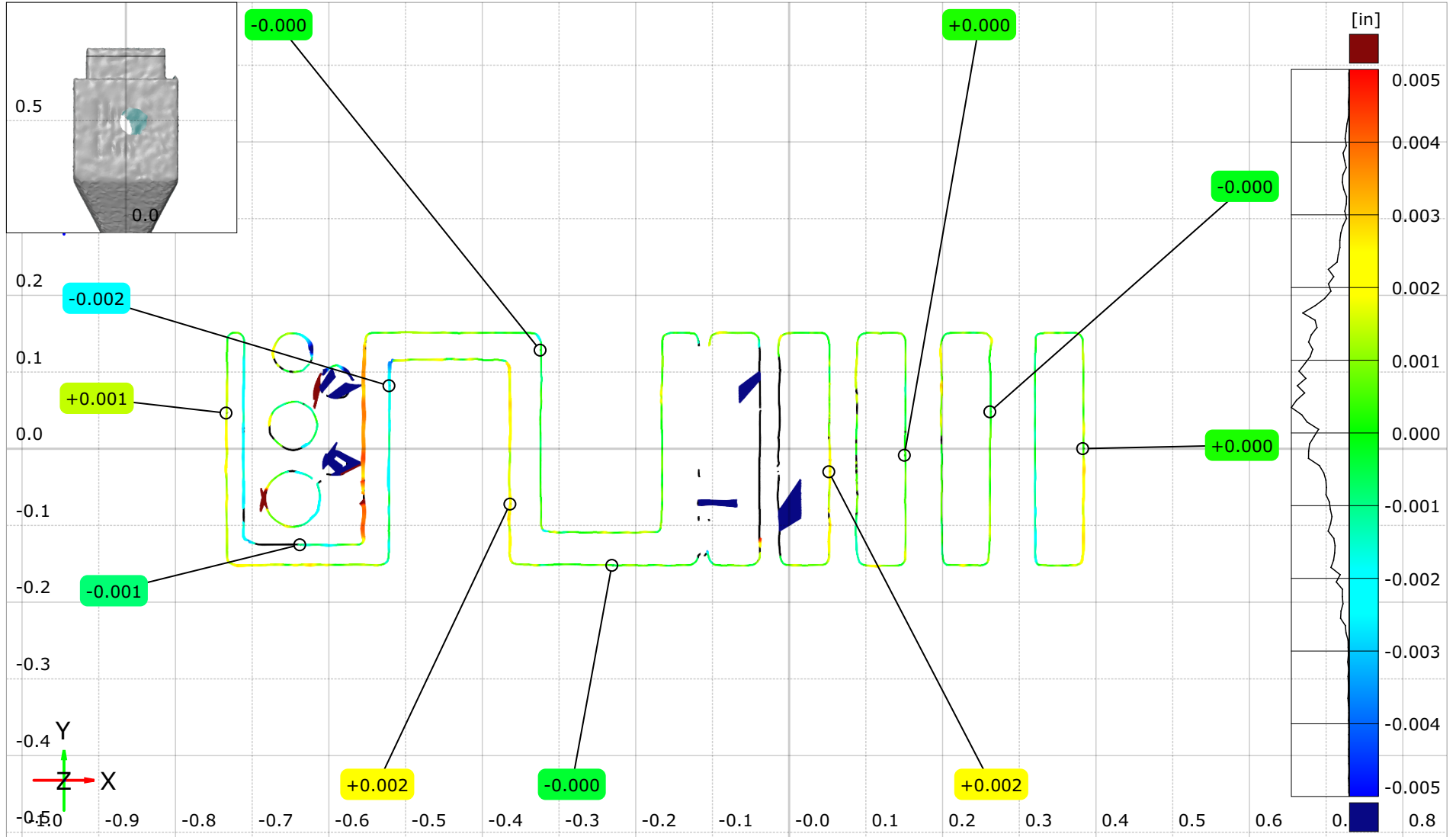
Alignment By Geometric Elements

Length unit: in

2D Deviation - Top View, Segment 1 Offset from Plane 1 by +0.090in

9_0333_DC5_Segment1

Deviation reference: 9_0333_DC5_Segment5



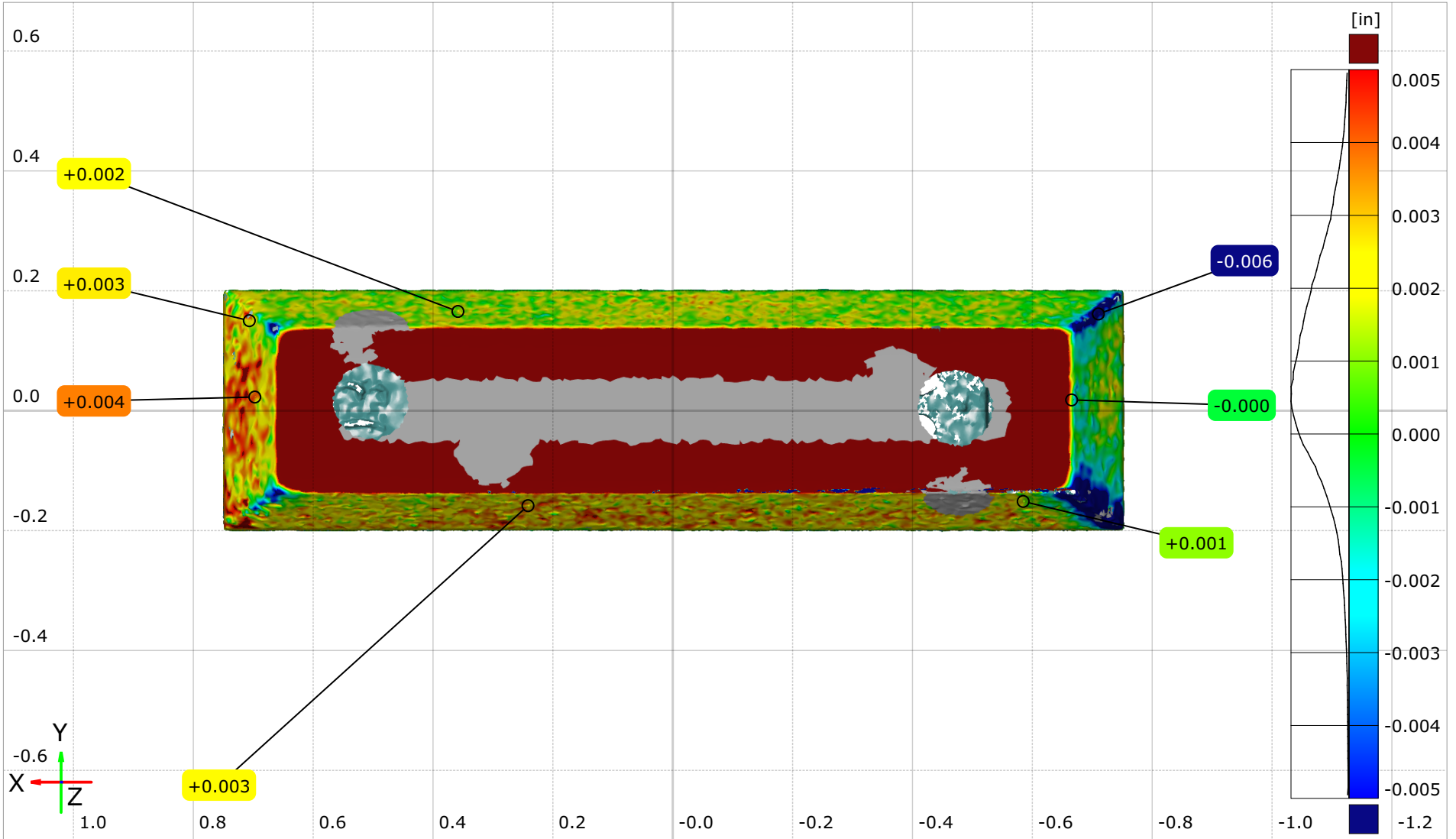
Alignment By Geometric Elements

Length unit: in

3D Deviation - Bottom View, Segment 1

9_0333_DC5_Segment1

Deviation reference: 9_0333_DC5_Segment5



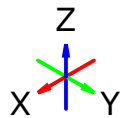
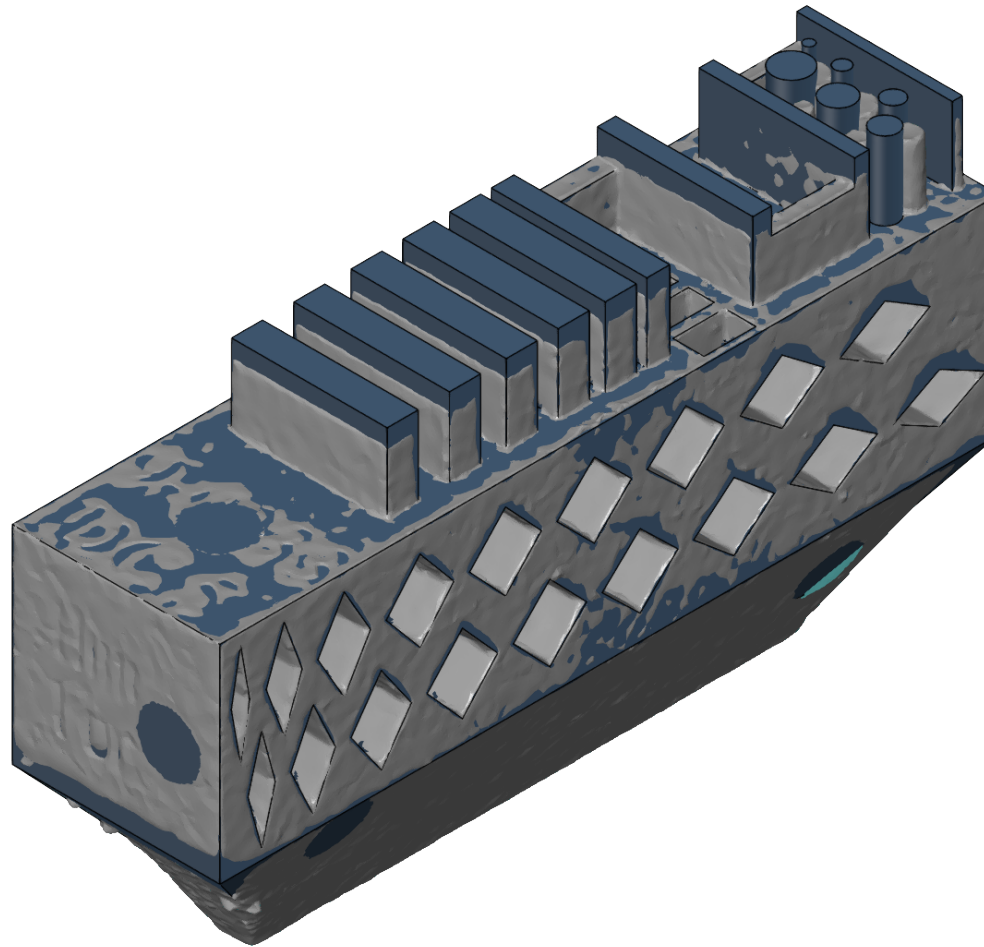
Alignment By Geometric Elements

Length unit: in

CAD Model/Scan Data Overlay - Iso View, Segment 2

9_0333_DC5_Segment2

Deviation reference: 9_0333_DC5_Segment5



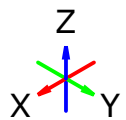
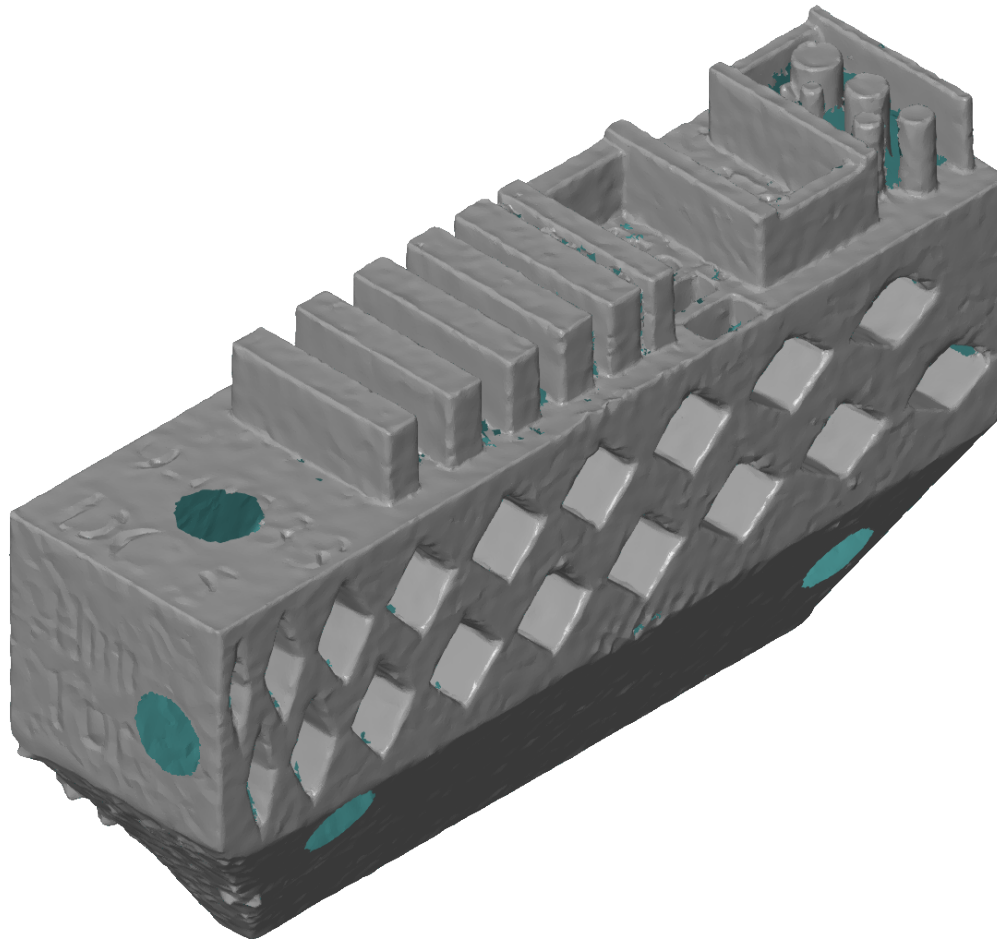
Alignment By Geometric Elements

Length unit: in

Scan Data - Iso View, Segment 2

9_0333_DC5_Segment2

Deviation reference: 9_0333_DC5_Segment5



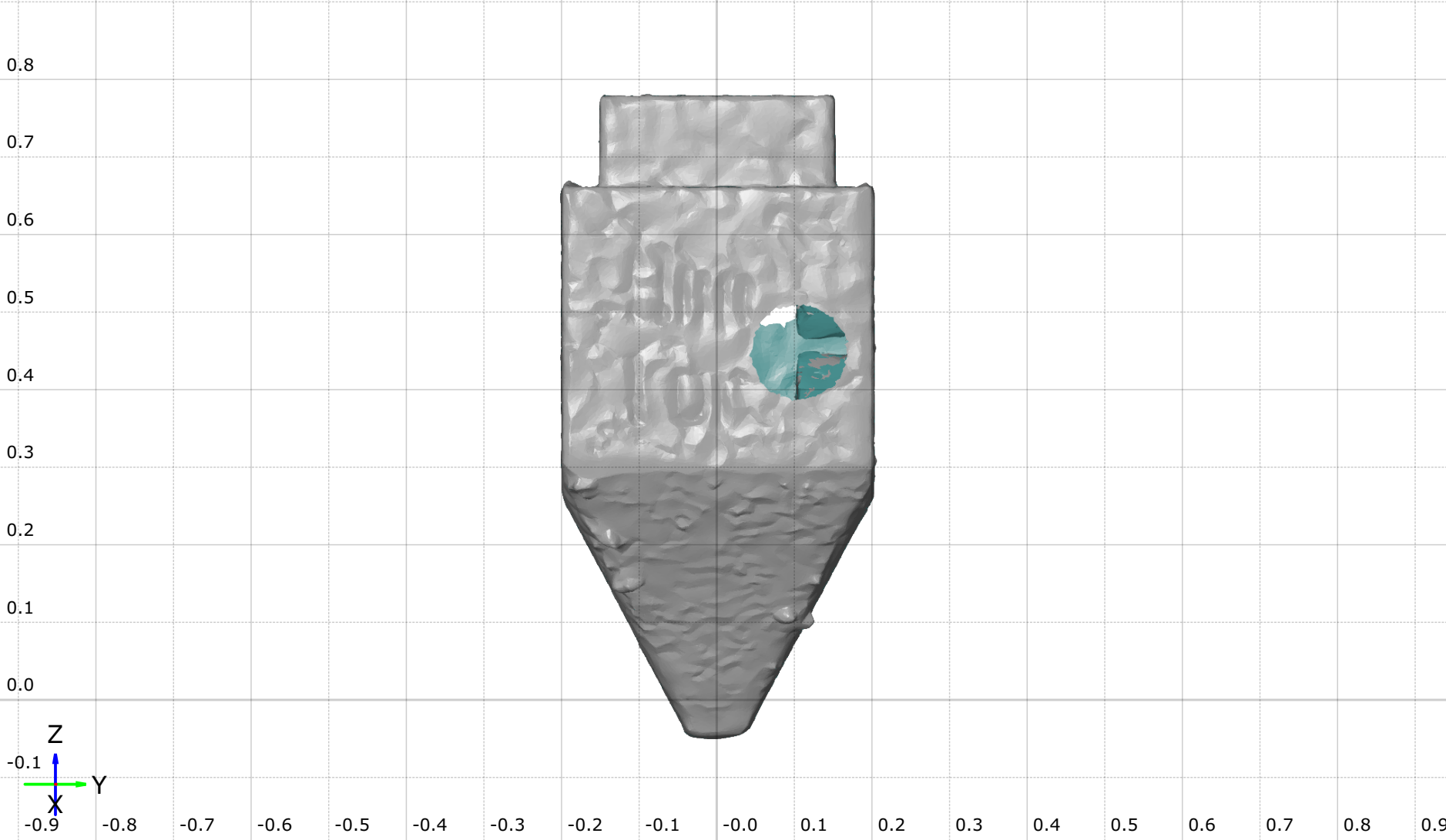
Alignment By Geometric Elements

Length unit: in

Scan Data - Front View, Segment 2

9_0333_DC5_Segment2

Deviation reference: 9_0333_DC5_Segment5

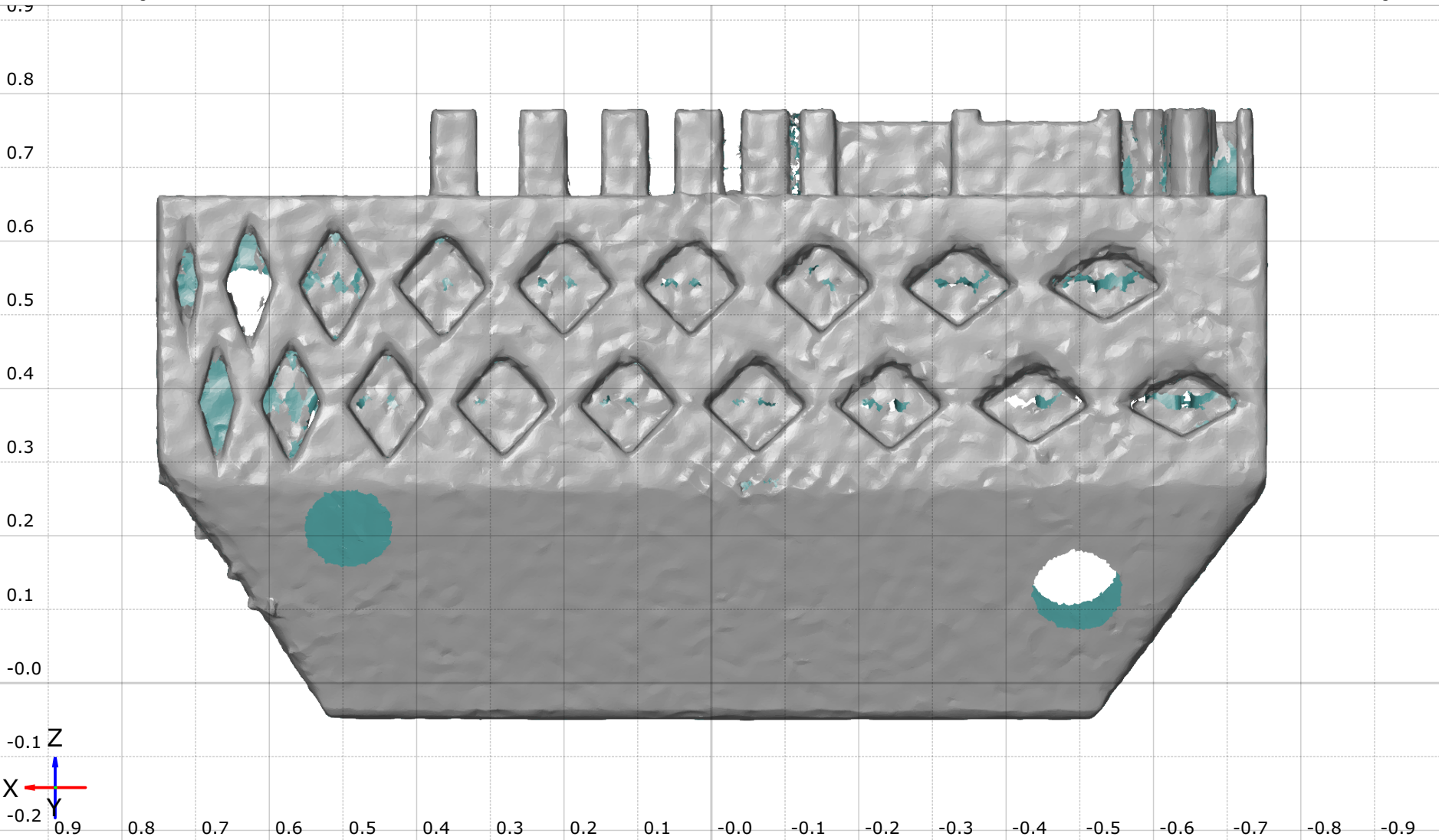


Alignment By Geometric Elements Length unit: in

Scan Data - Left View, Segment 2

9_0333_DC5_Segment2

Deviation reference: 9_0333_DC5_Segment5



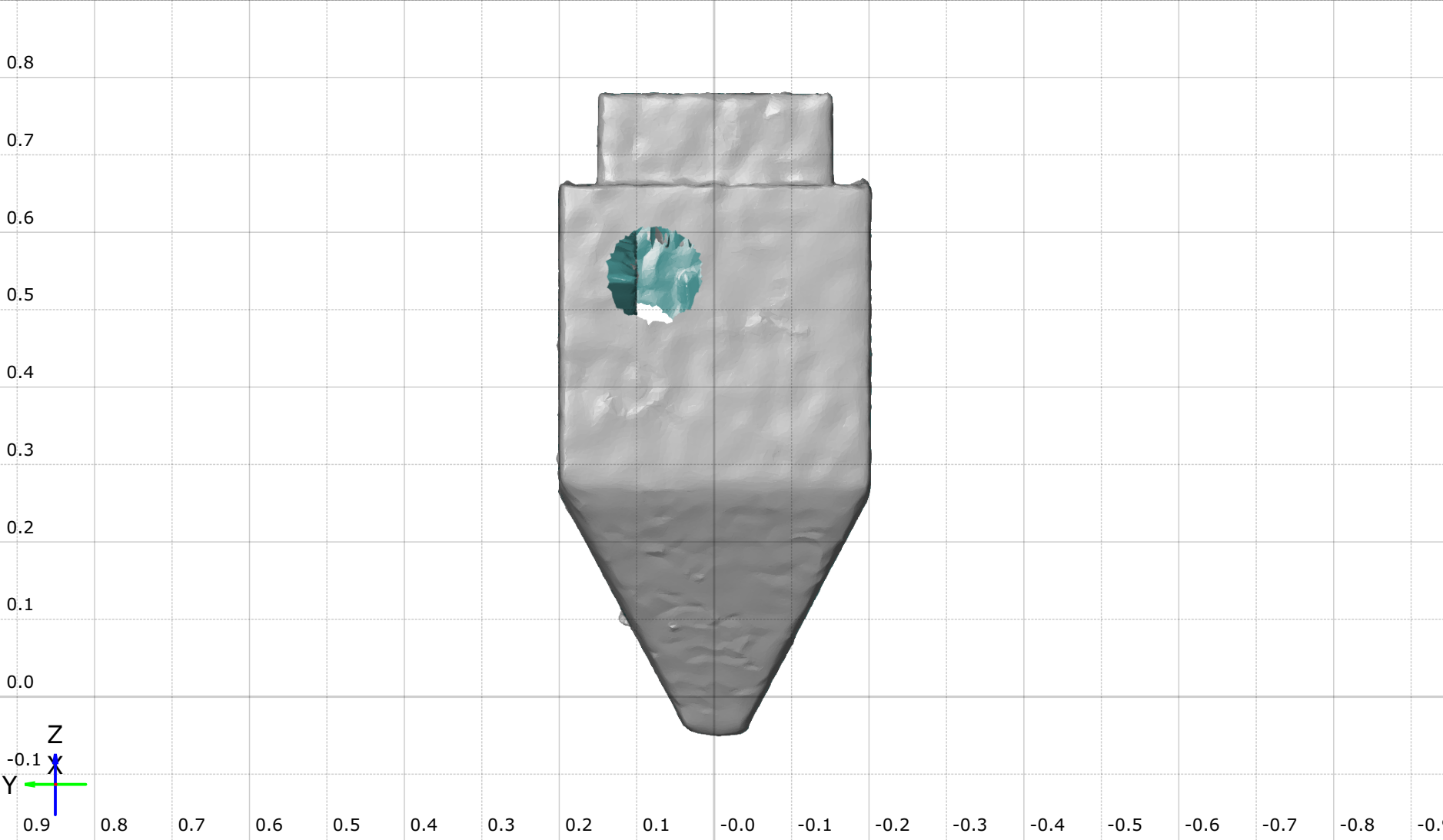
Alignment By Geometric Elements

Length unit: in

Scan Data - Back View, Segment 2

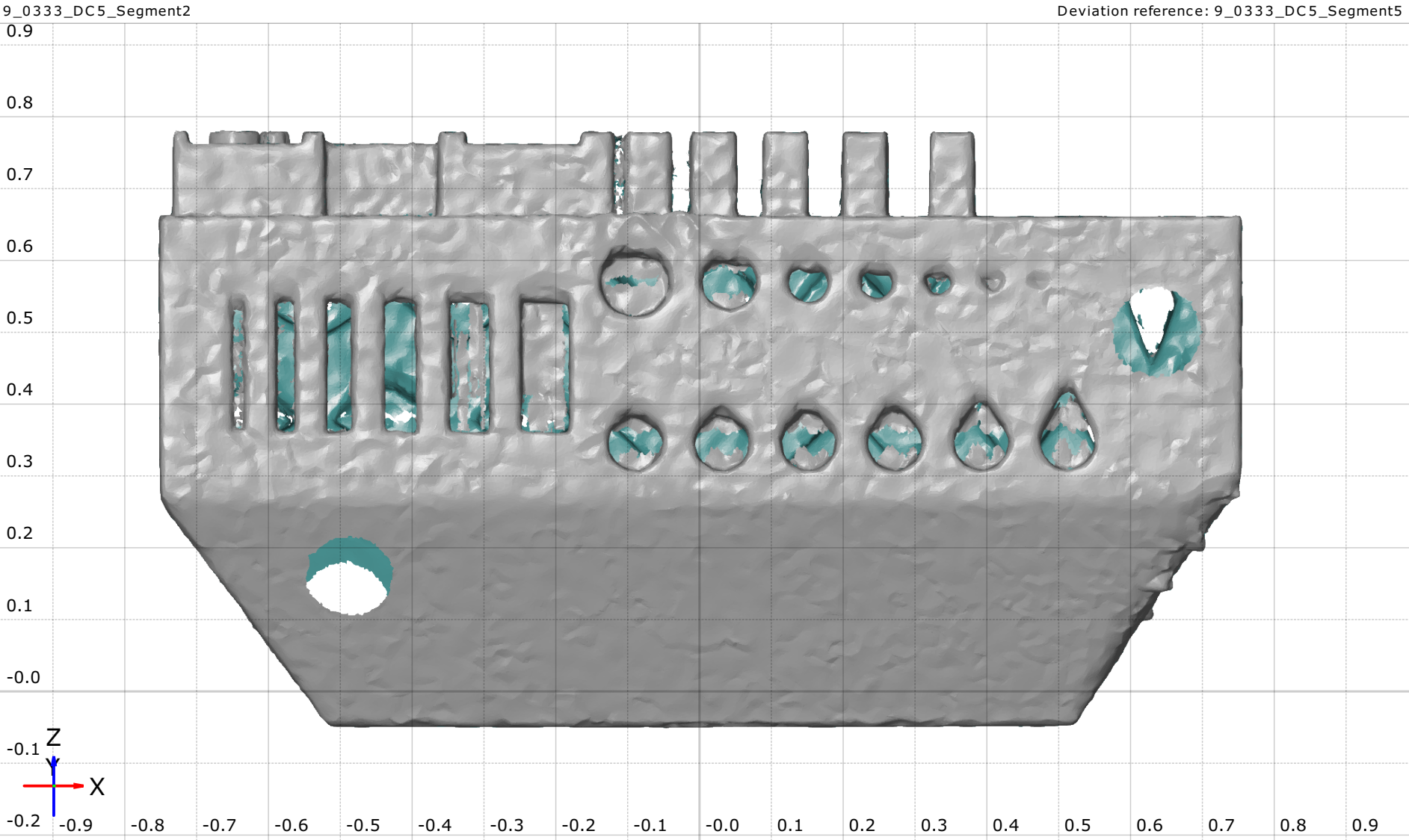
9_0333_DC5_Segment2

Deviation reference: 9_0333_DC5_Segment5



Alignment By Geometric Elements Length unit: in

Scan Data - Right View, Segment 2



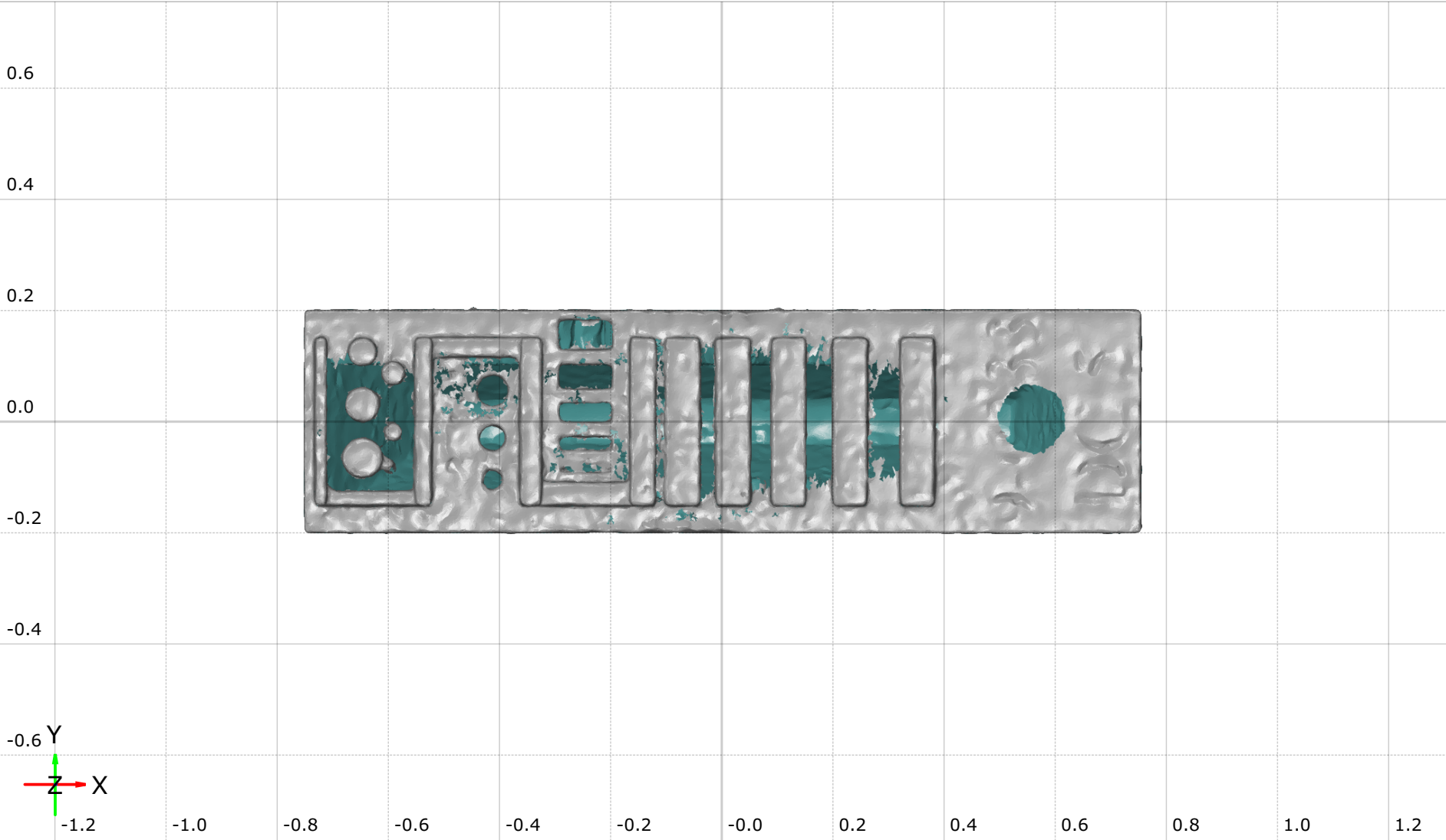
Alignment By Geometric Elements

Length unit: in

Scan Data - Top View, Segment 2

9_0333_DC5_Segment2

Deviation reference: 9_0333_DC5_Segment5

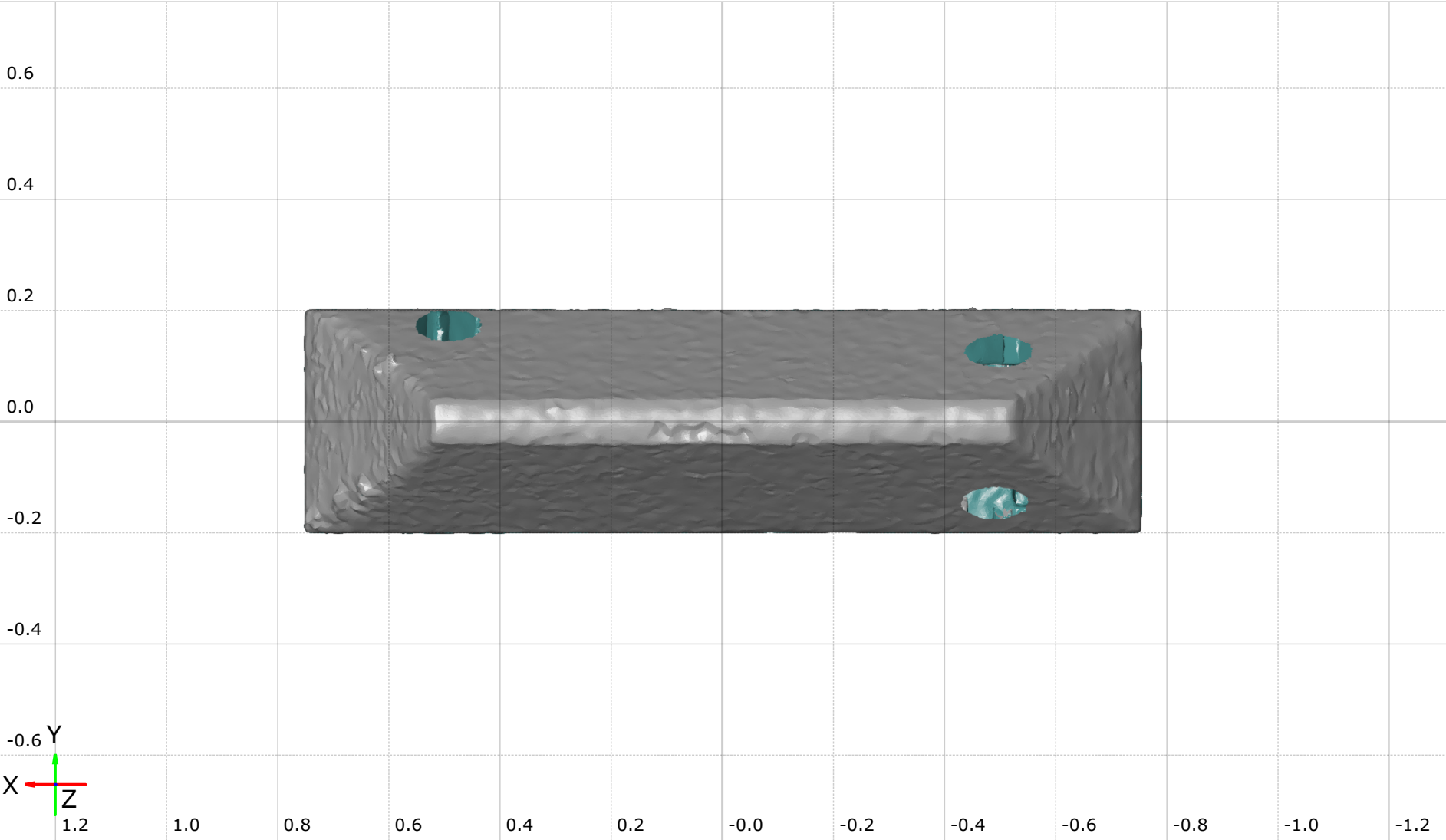


Alignment By Geometric Elements Length unit: in

Scan Data - Bottom View, Segment 2

9_0333_DC5_Segment2

Deviation reference: 9_0333_DC5_Segment5

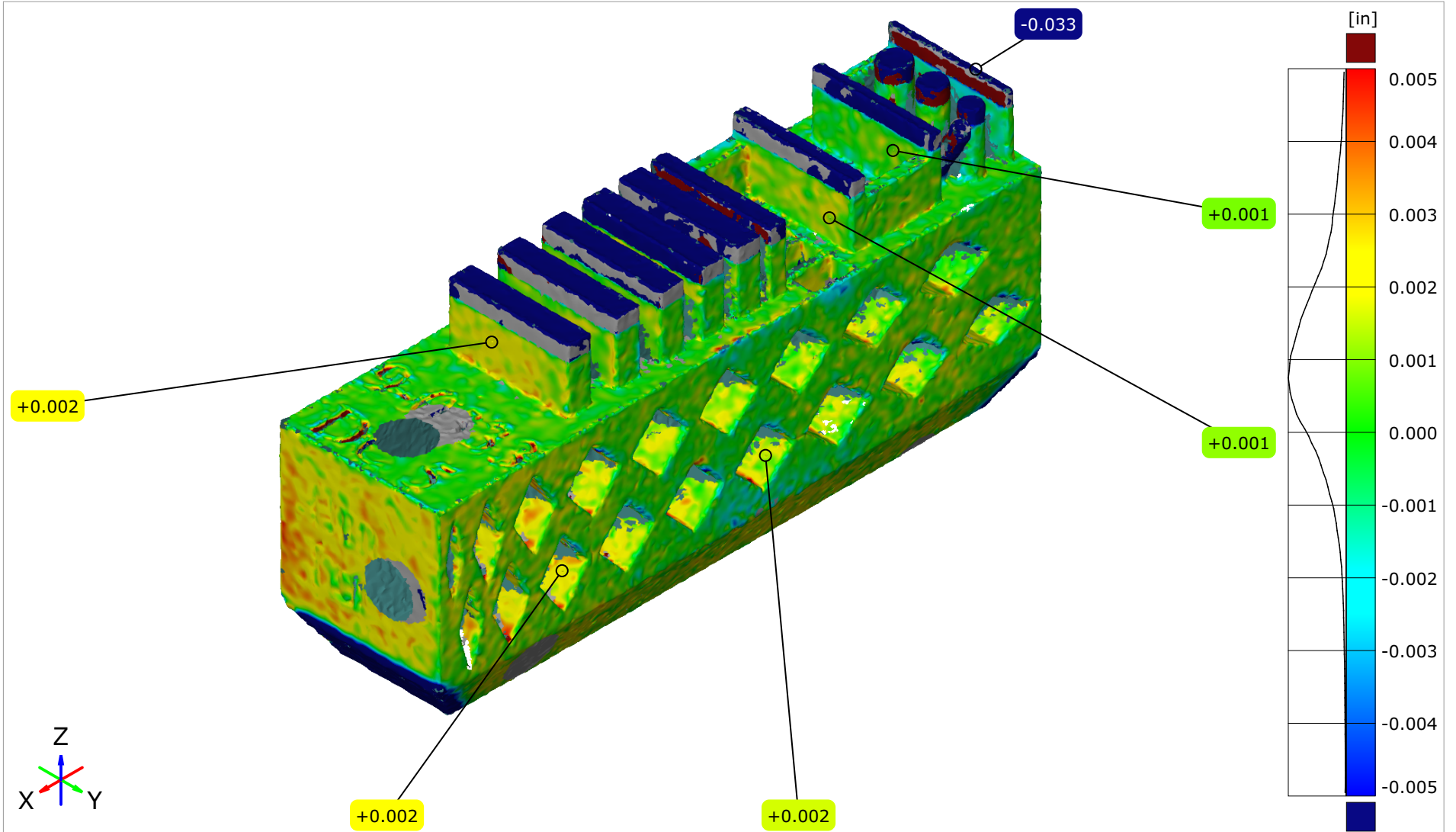


Alignment By Geometric Elements Length unit: in

3D Deviation - Iso View, Segment 2

9_0333_DC5_Segment2

Deviation reference: 9_0333_DC5_Segment5



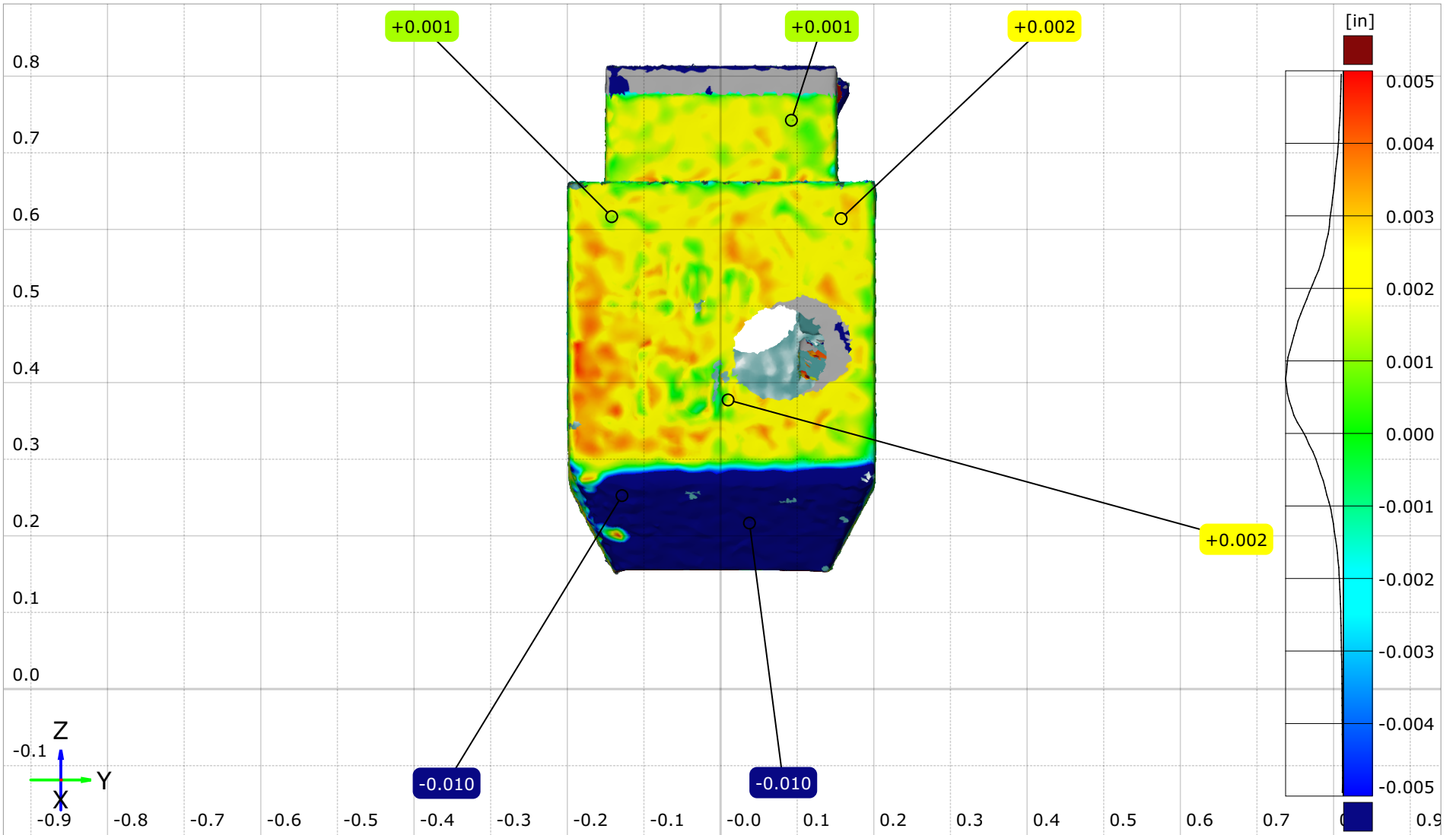
Alignment By Geometric Elements

Length unit: in

3D Deviation - Front View, Segment 2

9_0333_DC5_Segment2

Deviation reference: 9_0333_DC5_Segment5



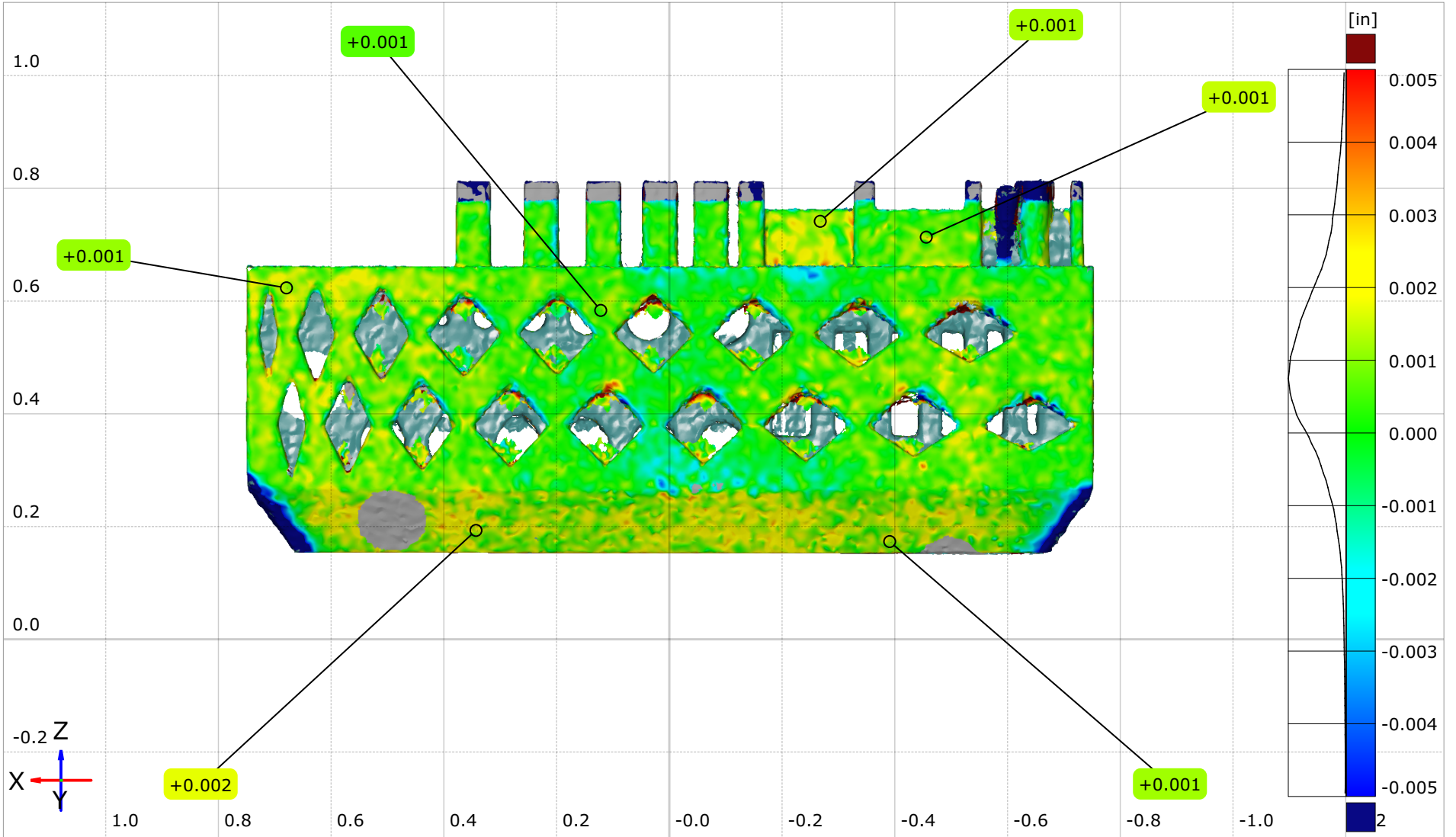
Alignment By Geometric Elements

Length unit: in

3D Deviation - Left View, Segment 2

9_0333_DC5_Segment2

Deviation reference: 9_0333_DC5_Segment5



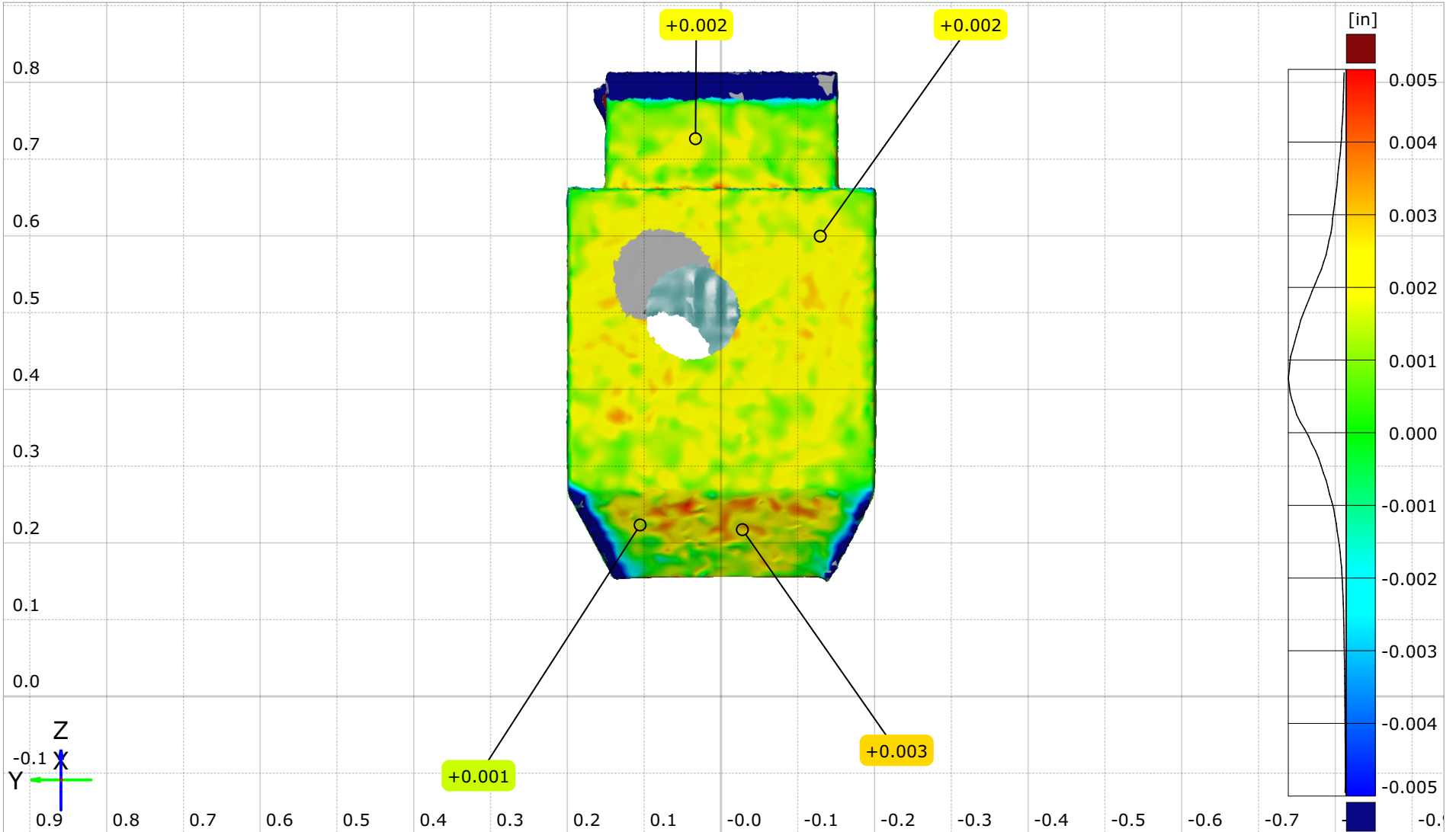
Alignment By Geometric Elements

Length unit: in

3D Deviation - Back View, Segment 2

9_0333_DC5_Segment2

Deviation reference: 9_0333_DC5_Segment5



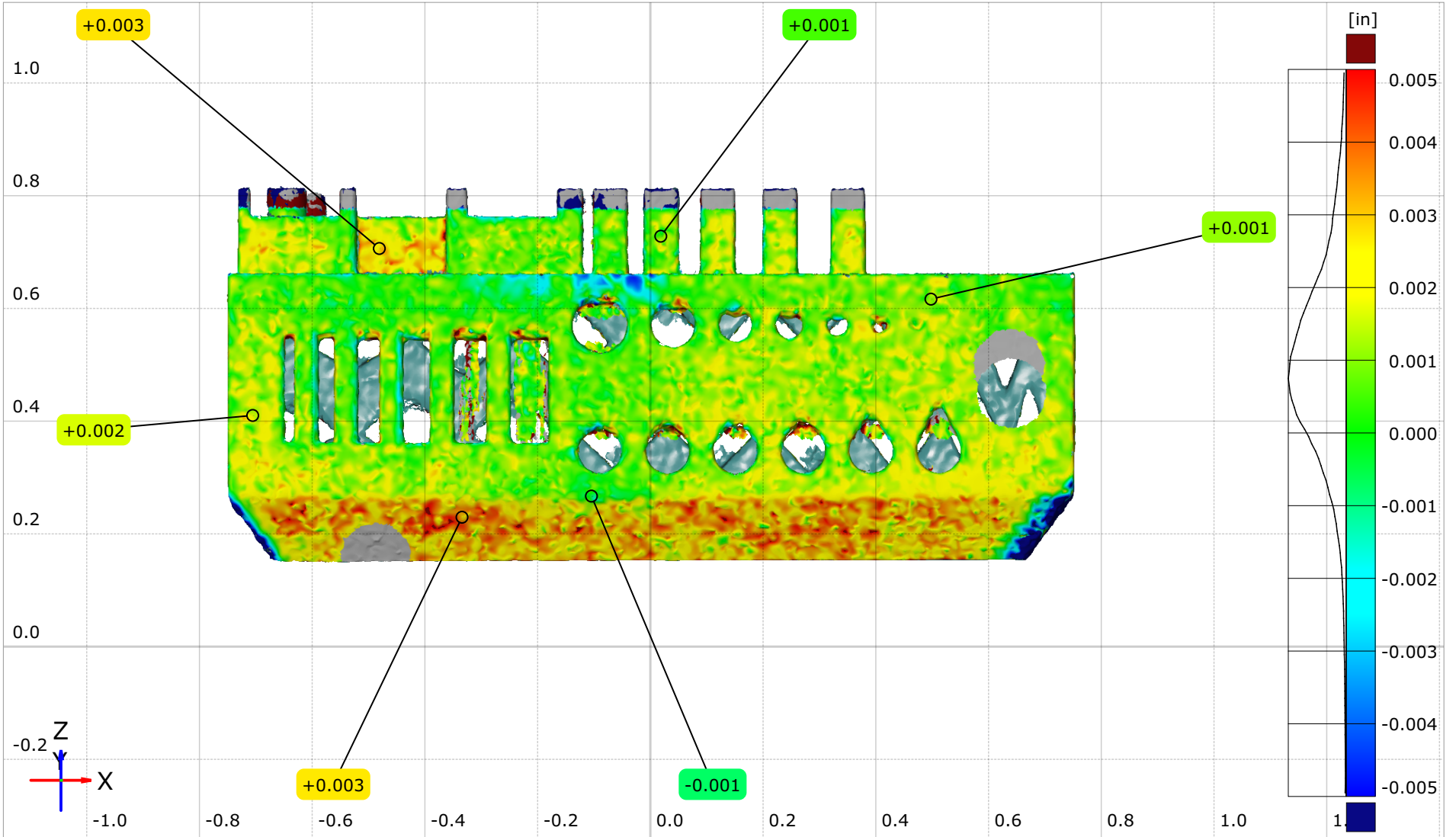
Alignment By Geometric Elements

Length unit: in

3D Deviation - Right View, Segment 2

9_0333_DC5_Segment2

Deviation reference: 9_0333_DC5_Segment5



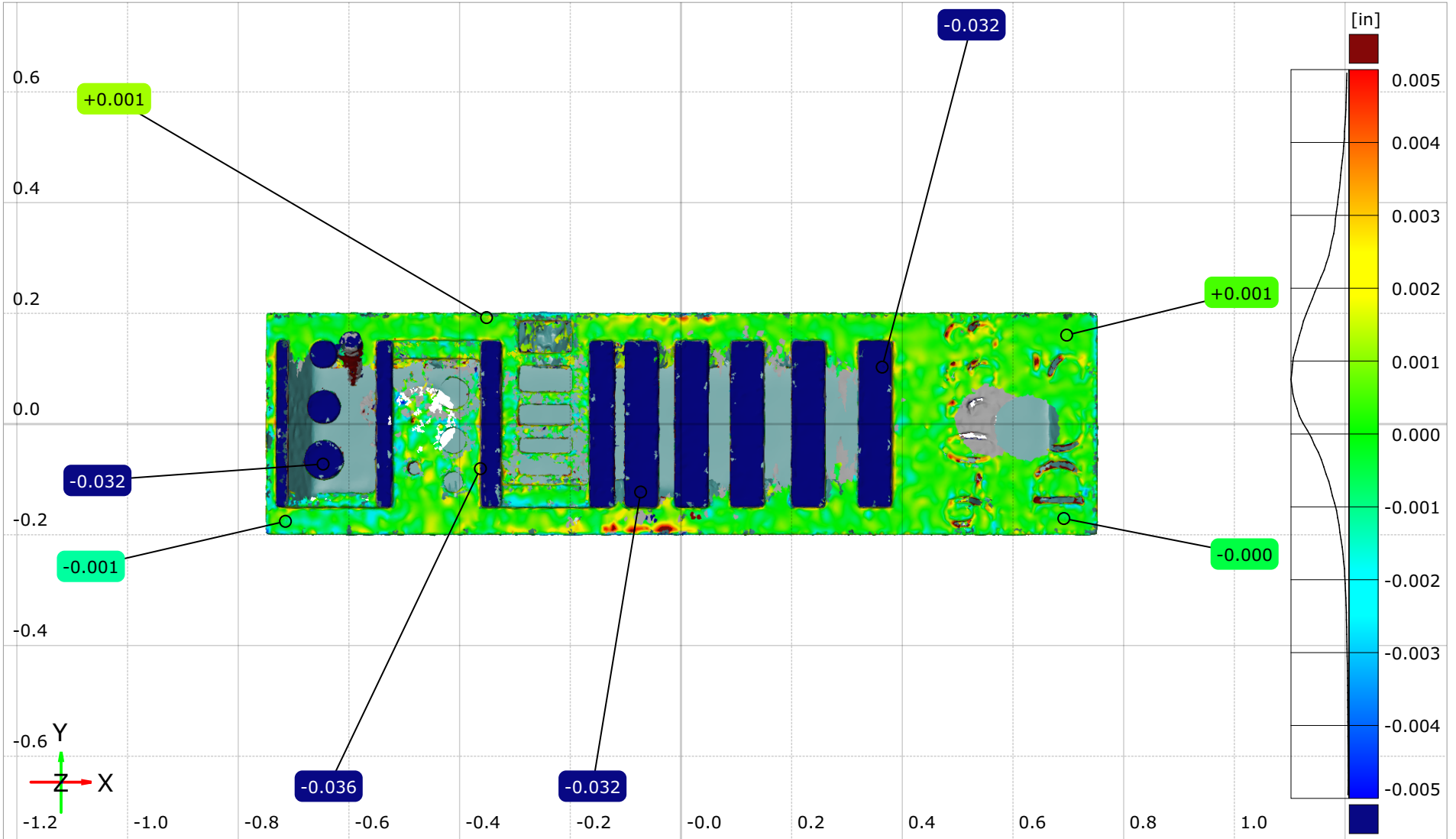
Alignment By Geometric Elements

Length unit: in

3D Deviation - Top View, Segment 2

9_0333_DC5_Segment2

Deviation reference: 9_0333_DC5_Segment5



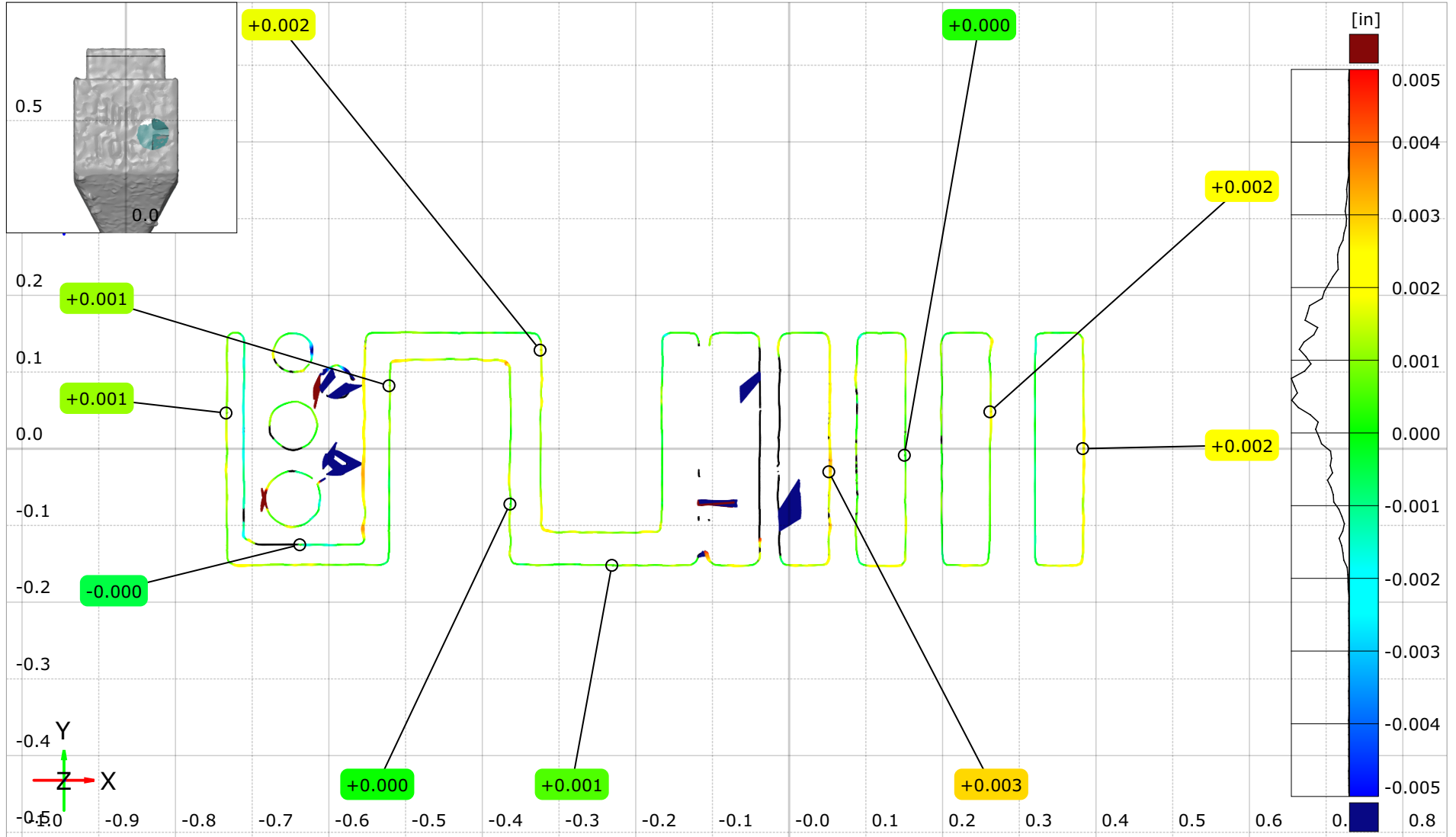
Alignment By Geometric Elements

Length unit: in

2D Deviation - Top View, Segment 2 Offset from Plane 1 by +0.090in

9_0333_DC5_Segment2

Deviation reference: 9_0333_DC5_Segment5



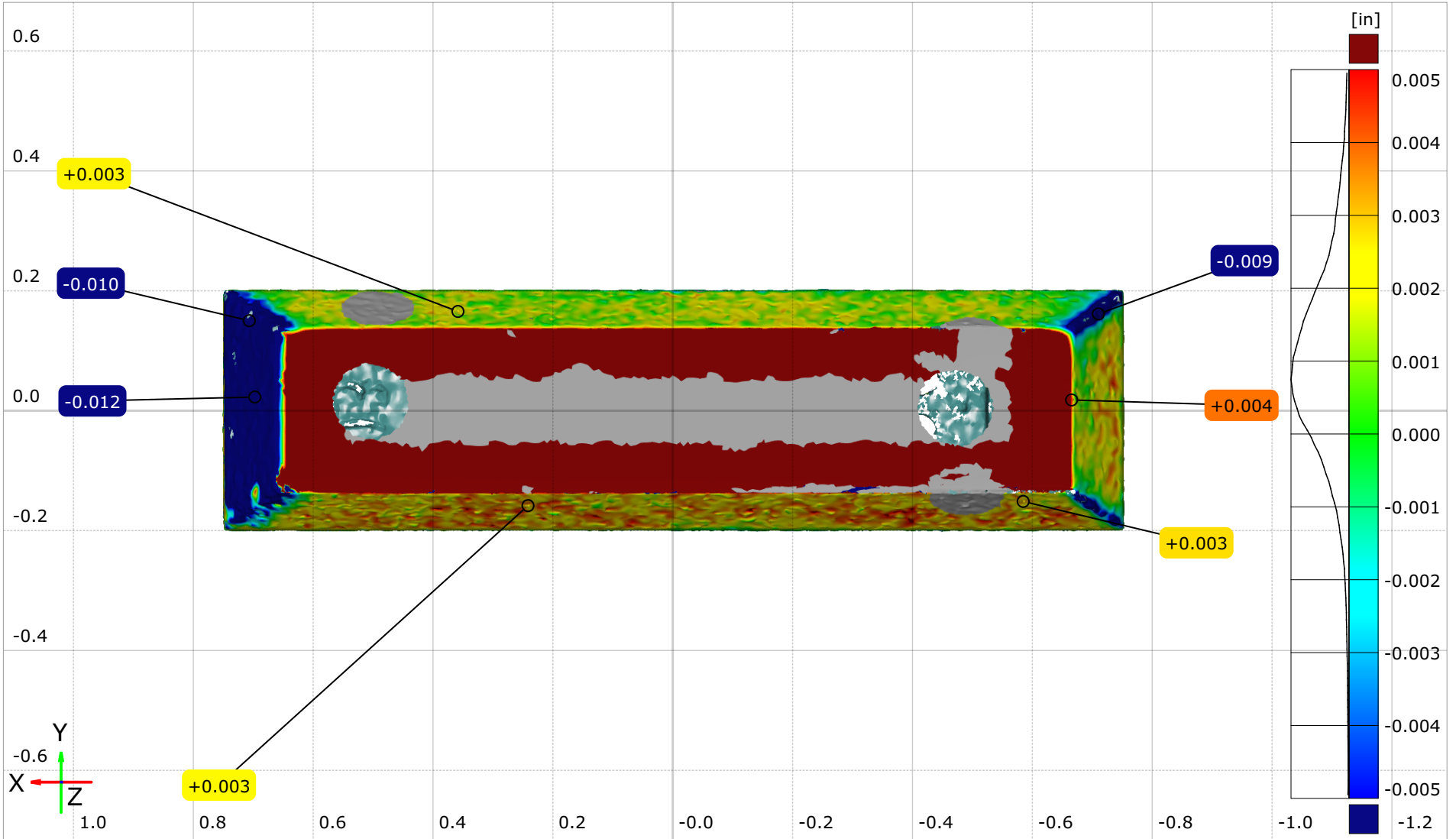
Alignment By Geometric Elements

Length unit: in

3D Deviation - Bottom View, Segment 2

9_0333_DC5_Segment2

Deviation reference: 9_0333_DC5_Segment5



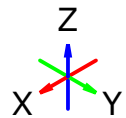
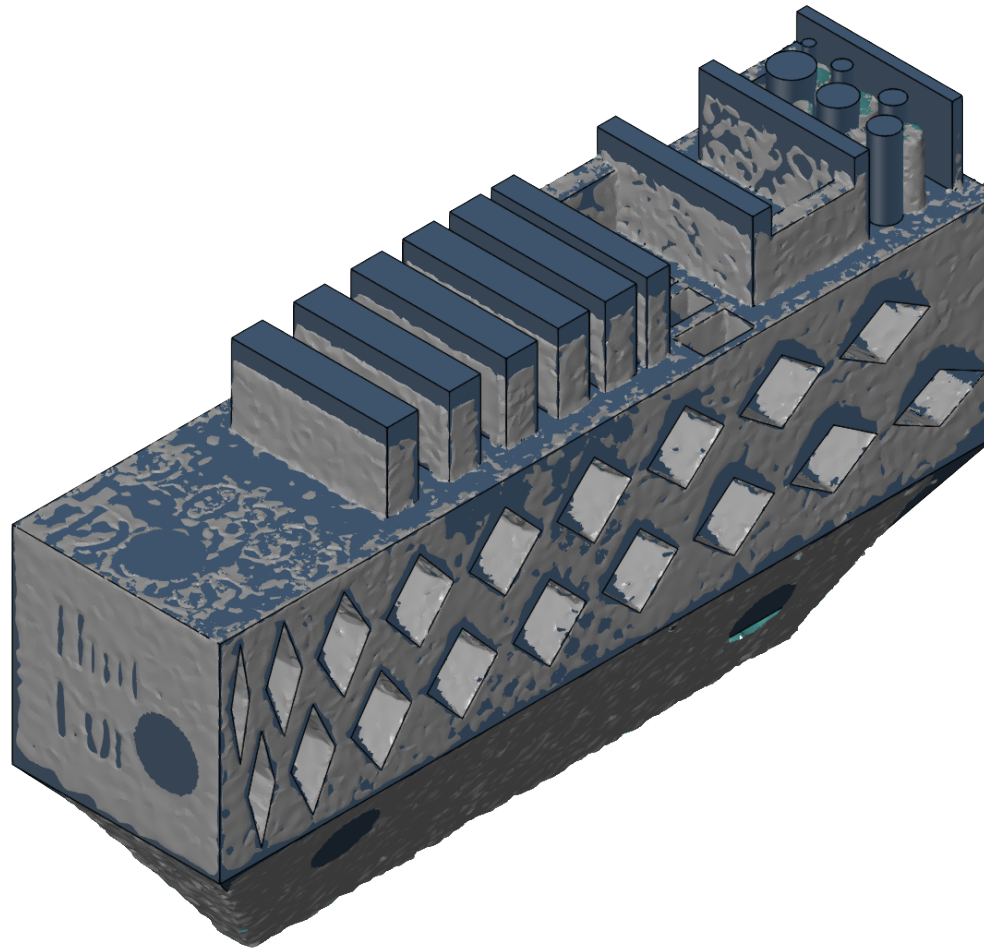
Alignment By Geometric Elements

Length unit: in

CAD Model/Scan Data Overlay - Iso View, Segment 3

9_0333_DC5_Segment3

Deviation reference: 9_0333_DC5_Segment5



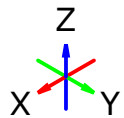
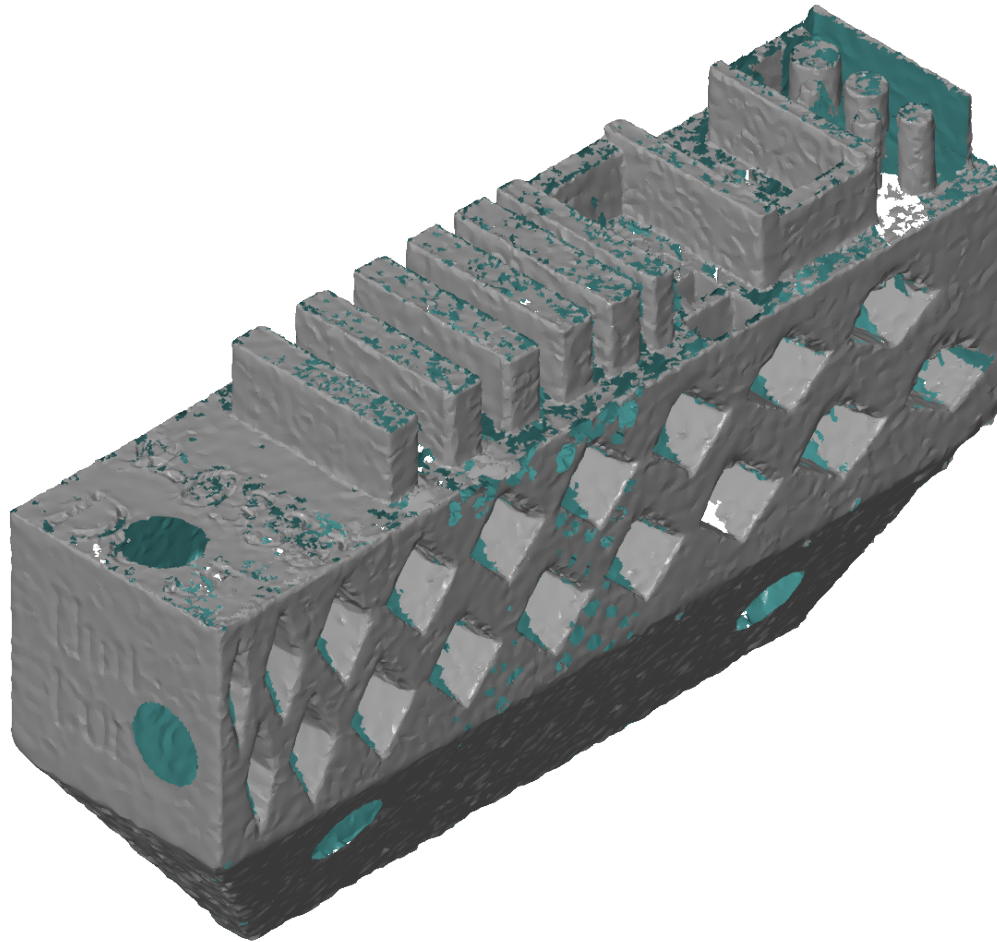
Alignment By Geometric Elements

Length unit: in

Scan Data - Iso View, Segment 3

9_0333_DC5_Segment3

Deviation reference: 9_0333_DC5_Segment5



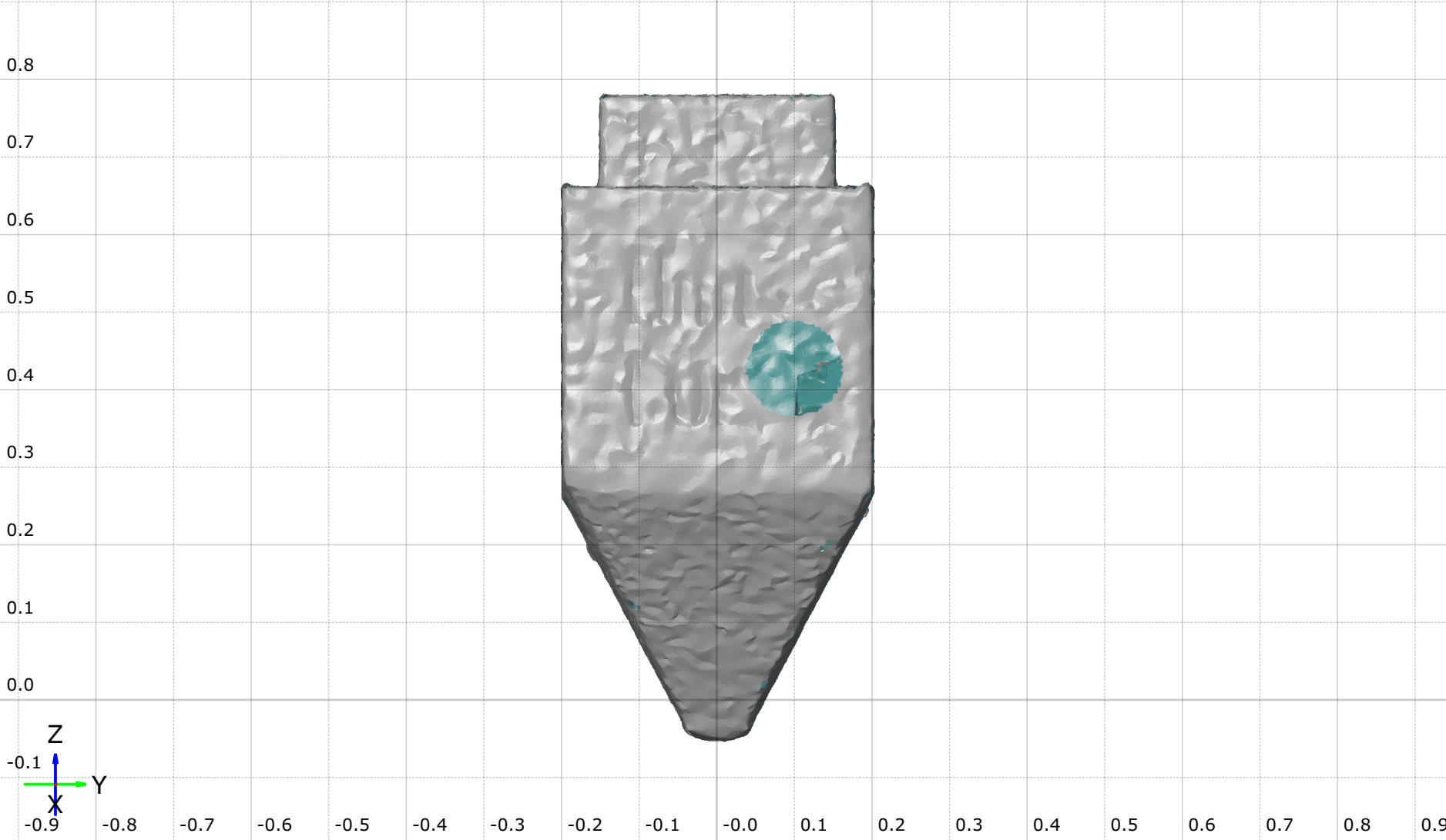
Alignment By Geometric Elements

Length unit: in

Scan Data - Front View, Segment 3

9_0333_DC5_Segment3

Deviation reference: 9_0333_DC5_Segment5

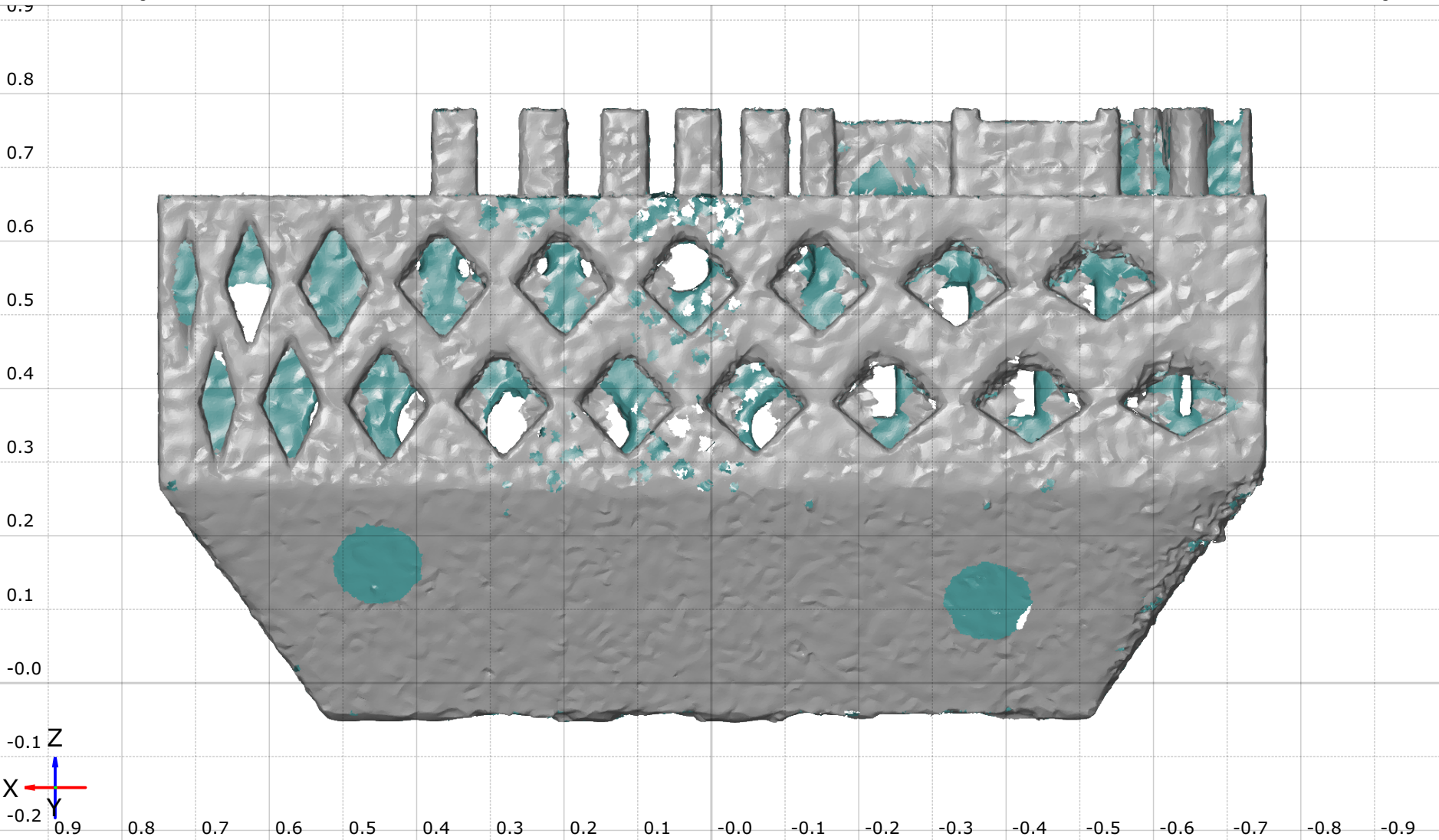


Alignment By Geometric Elements Length unit: in

Scan Data - Left View, Segment 3

9_0333_DC5_Segment3

Deviation reference: 9_0333_DC5_Segment5



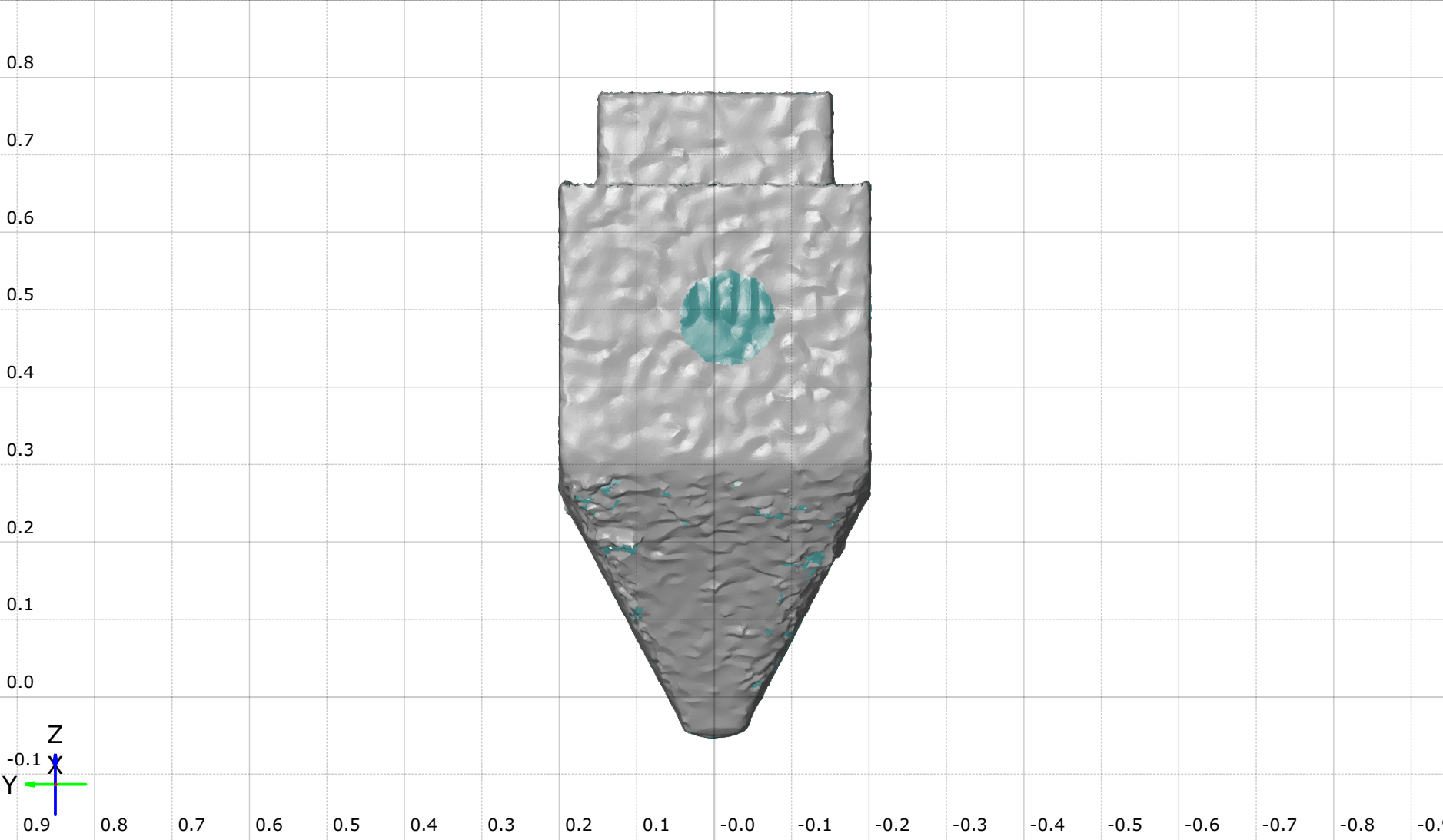
Alignment By Geometric Elements

Length unit: in

Scan Data - Back View, Segment 3

9_0333_DC5_Segment3

Deviation reference: 9_0333_DC5_Segment5

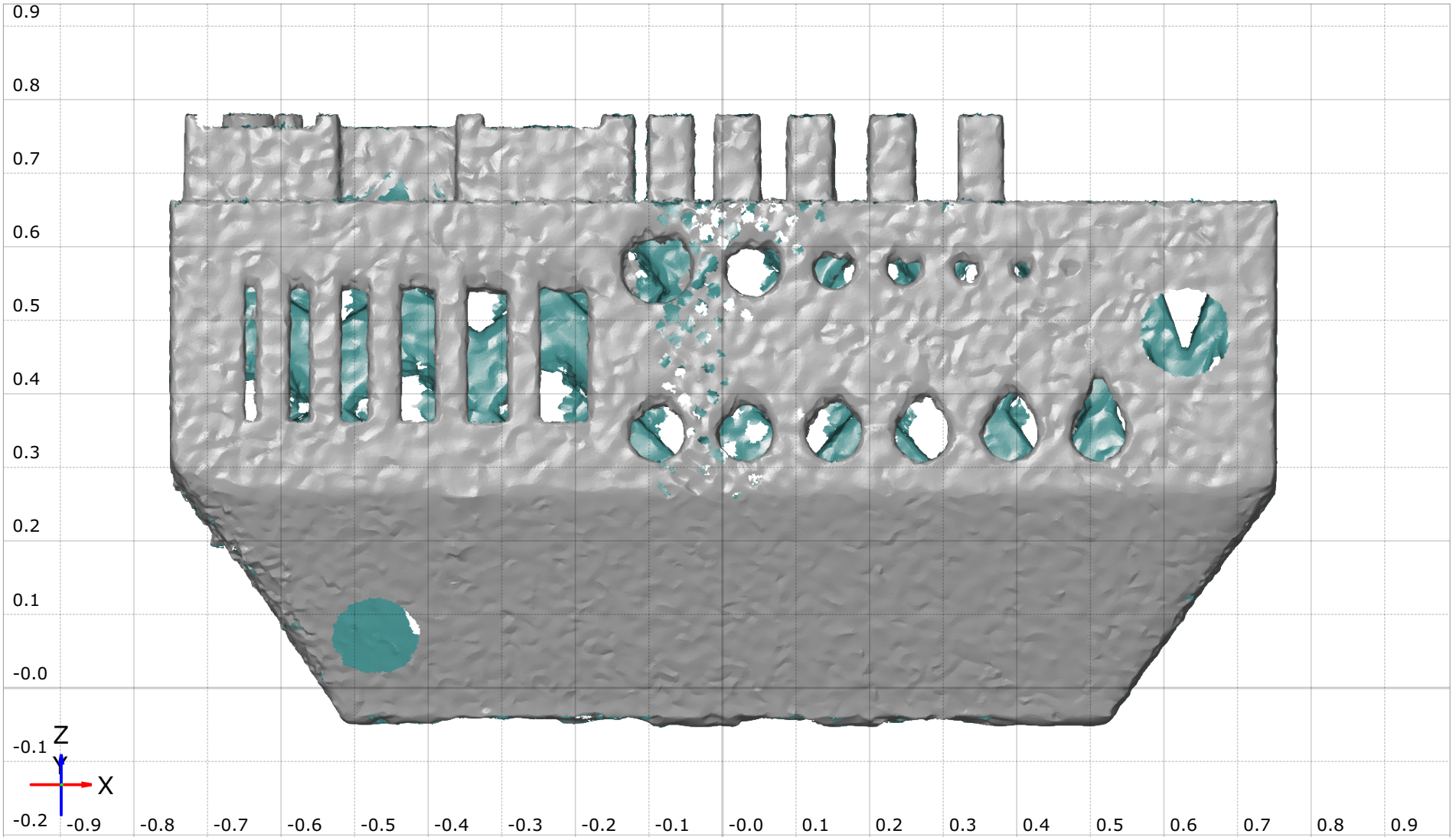


Alignment By Geometric Elements Length unit: in

Scan Data - Right View, Segment 3

9_0333_DC5_Segment3

Deviation reference: 9_0333_DC5_Segment5



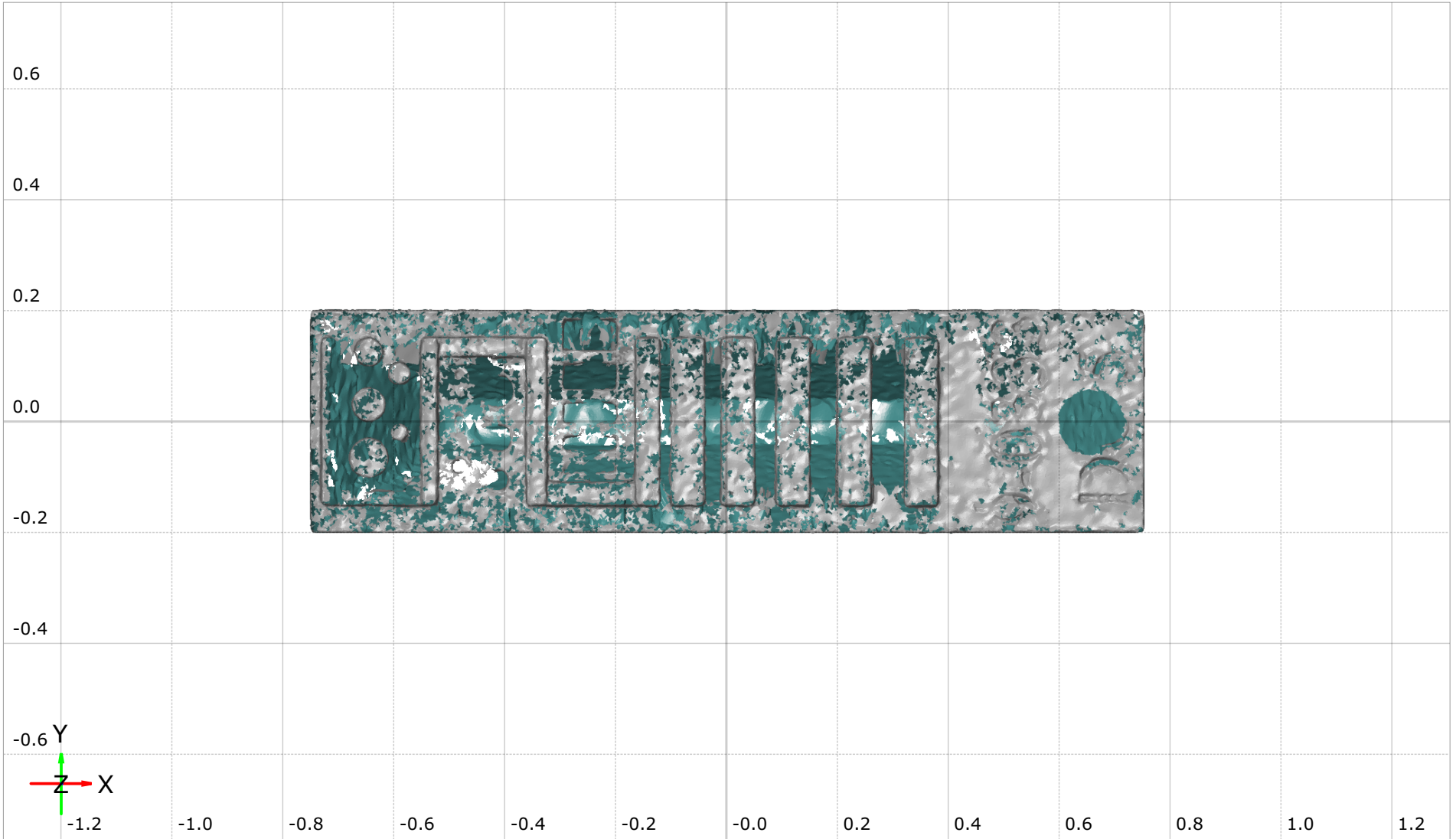
Alignment By Geometric Elements

Length unit: in

Scan Data - Top View, Segment 3

9_0333_DC5_Segment3

Deviation reference: 9_0333_DC5_Segment5



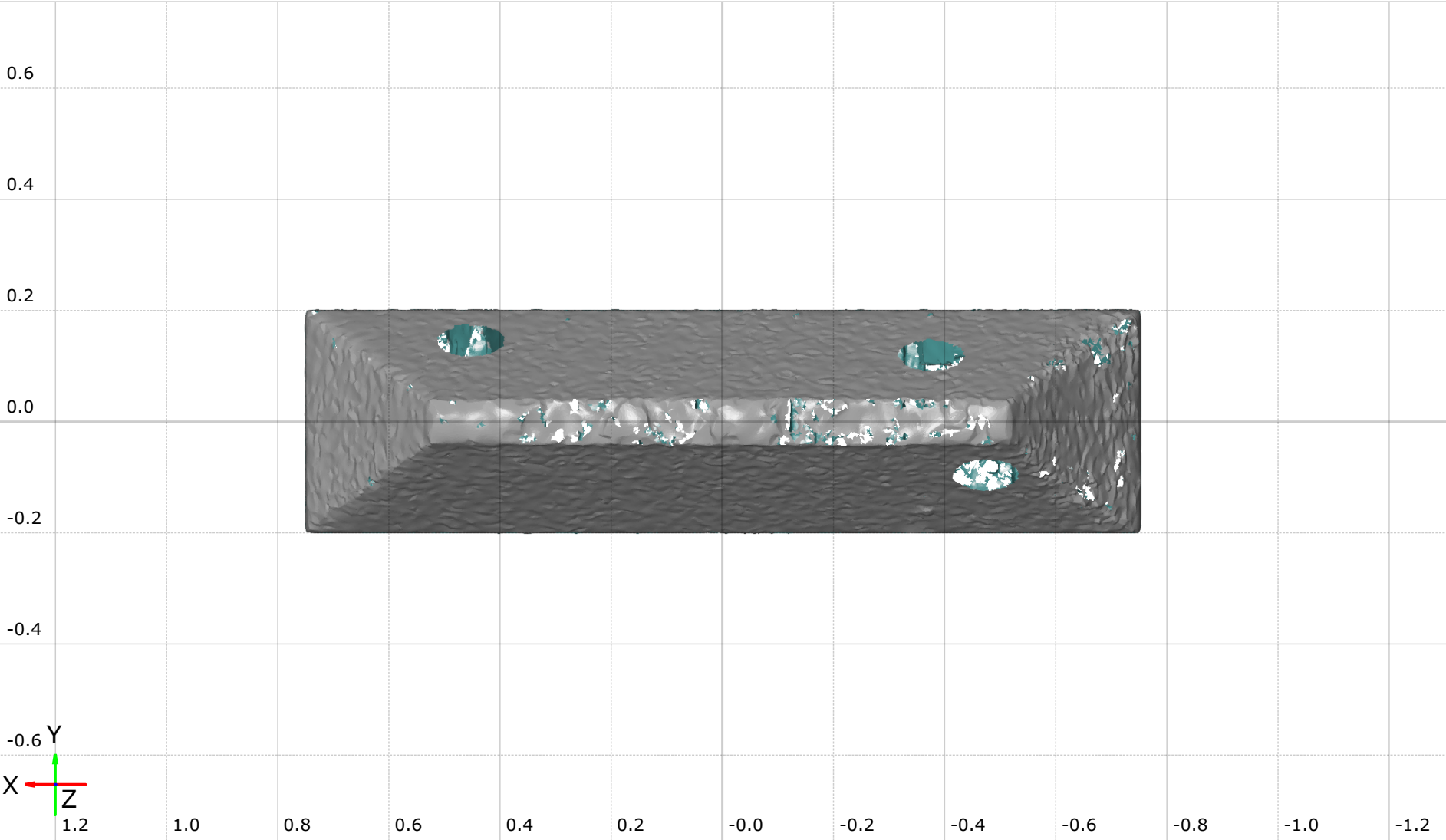
Alignment By Geometric Elements

Length unit: in

Scan Data - Bottom View, Segment 3

9_0333_DC5_Segment3

Deviation reference: 9_0333_DC5_Segment5

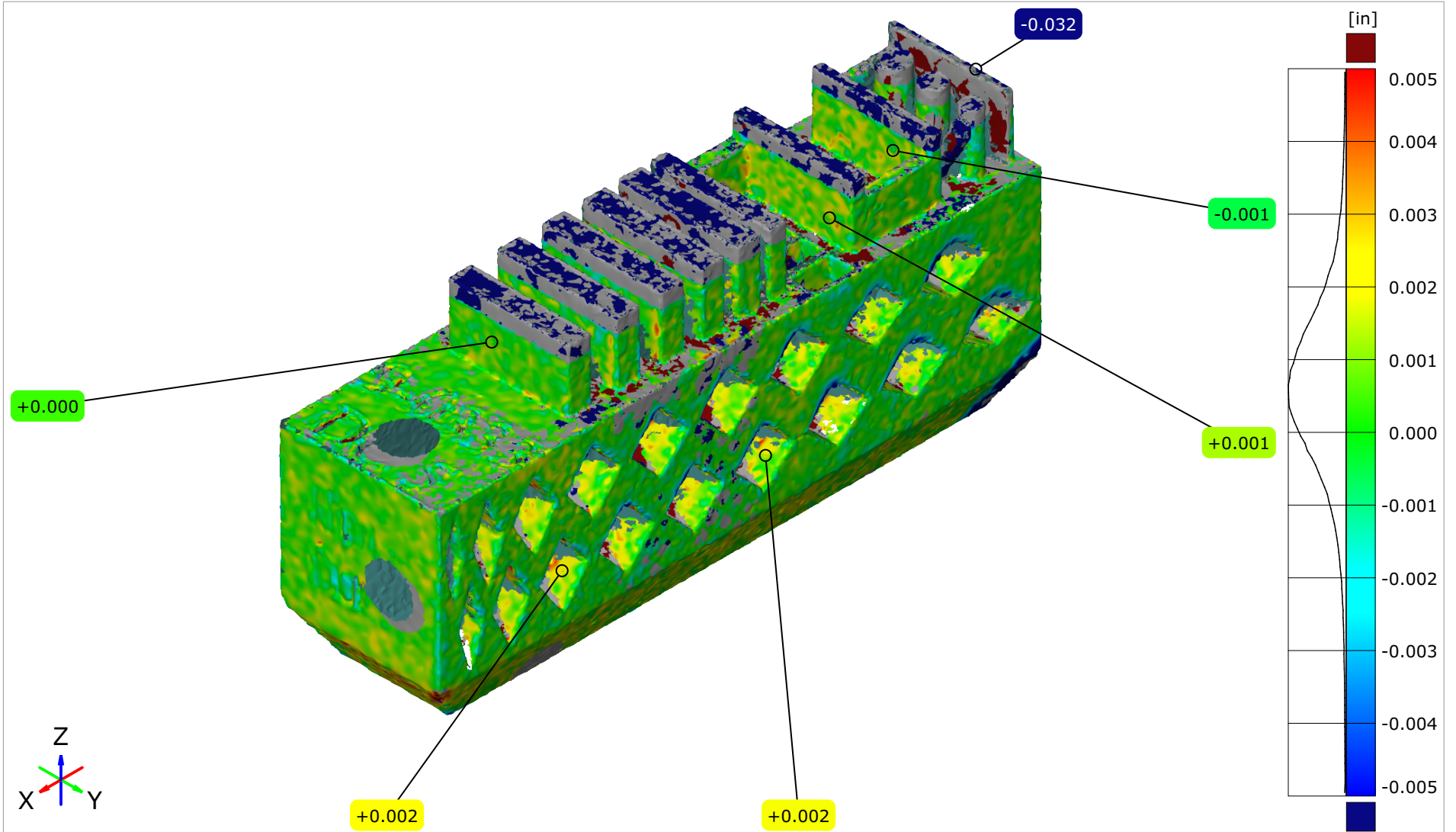


Alignment By Geometric Elements Length unit: in

3D Deviation - Iso View, Segment 3

9_0333_DC5_Segment3

Deviation reference: 9_0333_DC5_Segment5



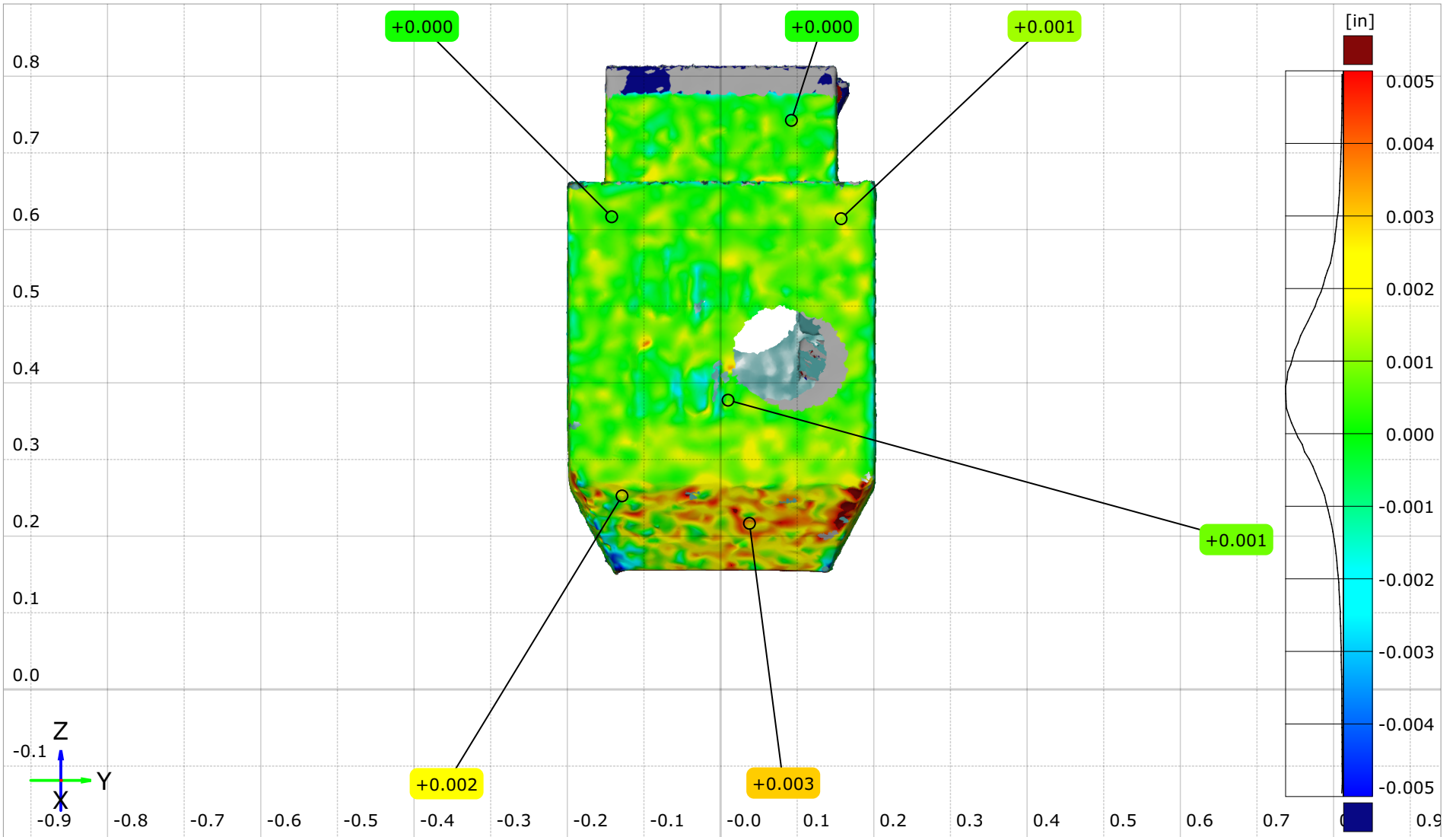
Alignment By Geometric Elements

Length unit: in

3D Deviation - Front View, Segment 3

9_0333_DC5_Segment3

Deviation reference: 9_0333_DC5_Segment5



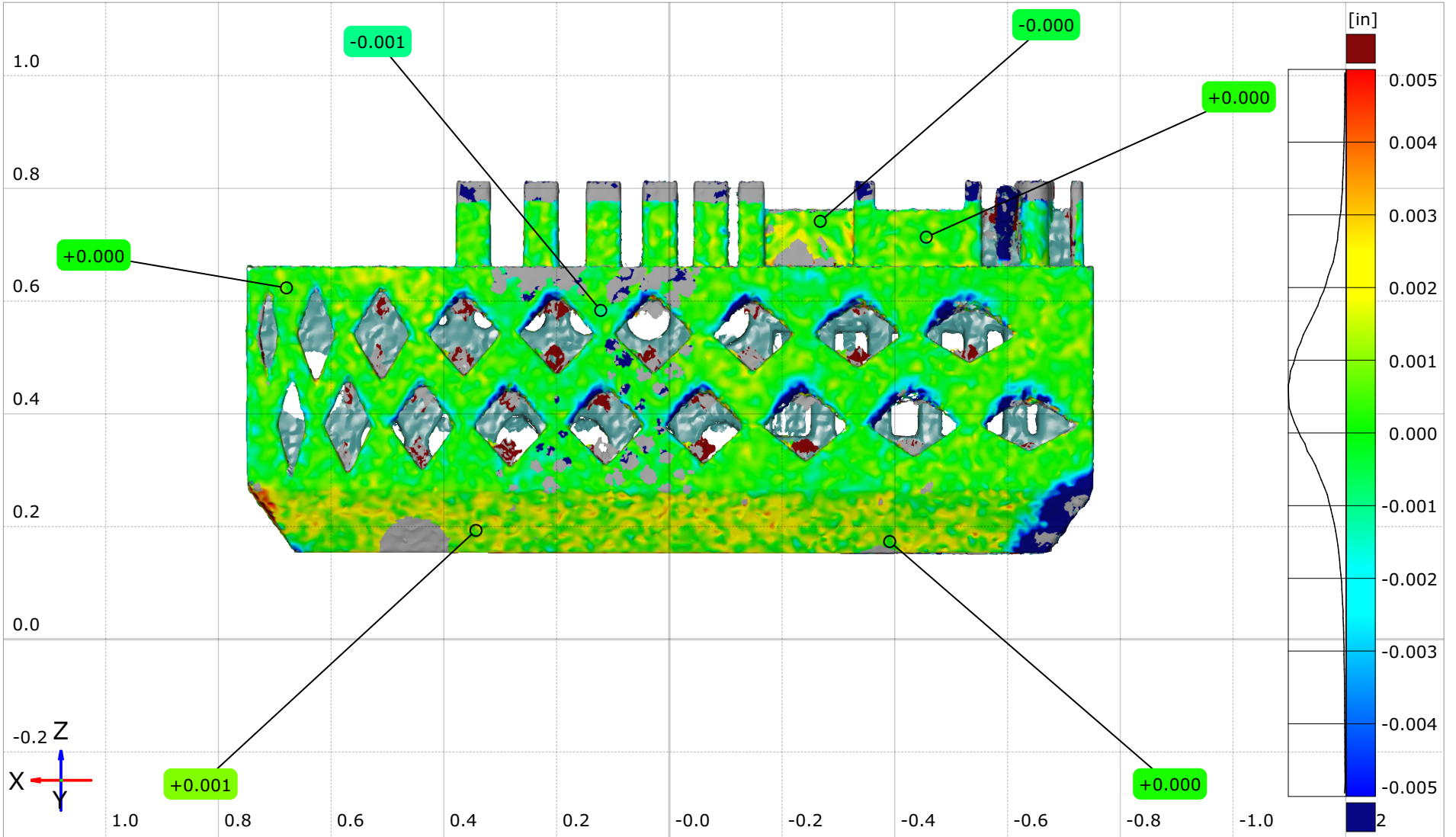
Alignment By Geometric Elements

Length unit: in

3D Deviation - Left View, Segment 3

9_0333_DC5_Segment3

Deviation reference: 9_0333_DC5_Segment5



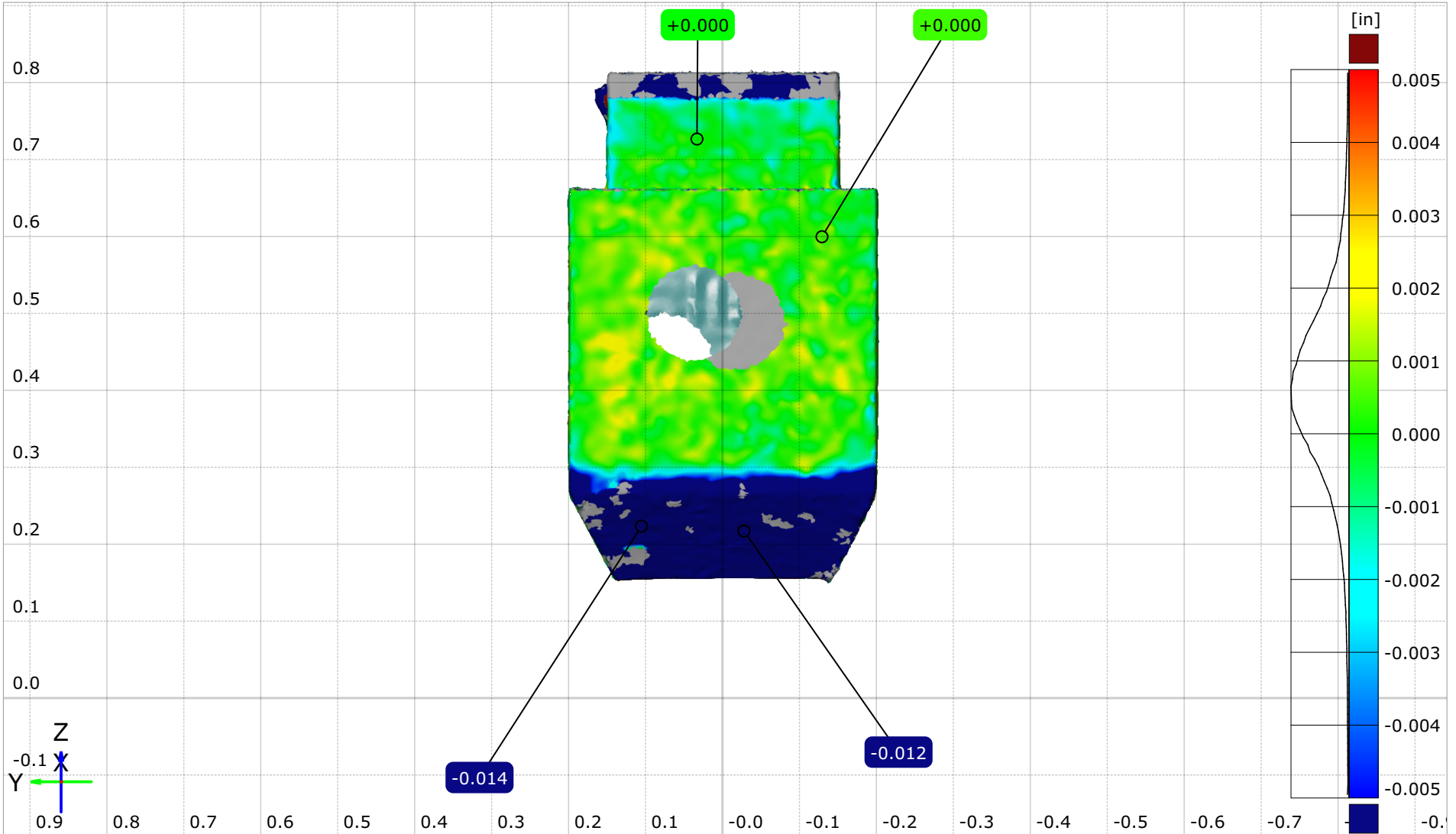
Alignment By Geometric Elements

Length unit: in

3D Deviation - Back View, Segment 3

9_0333_DC5_Segment3

Deviation reference: 9_0333_DC5_Segment5



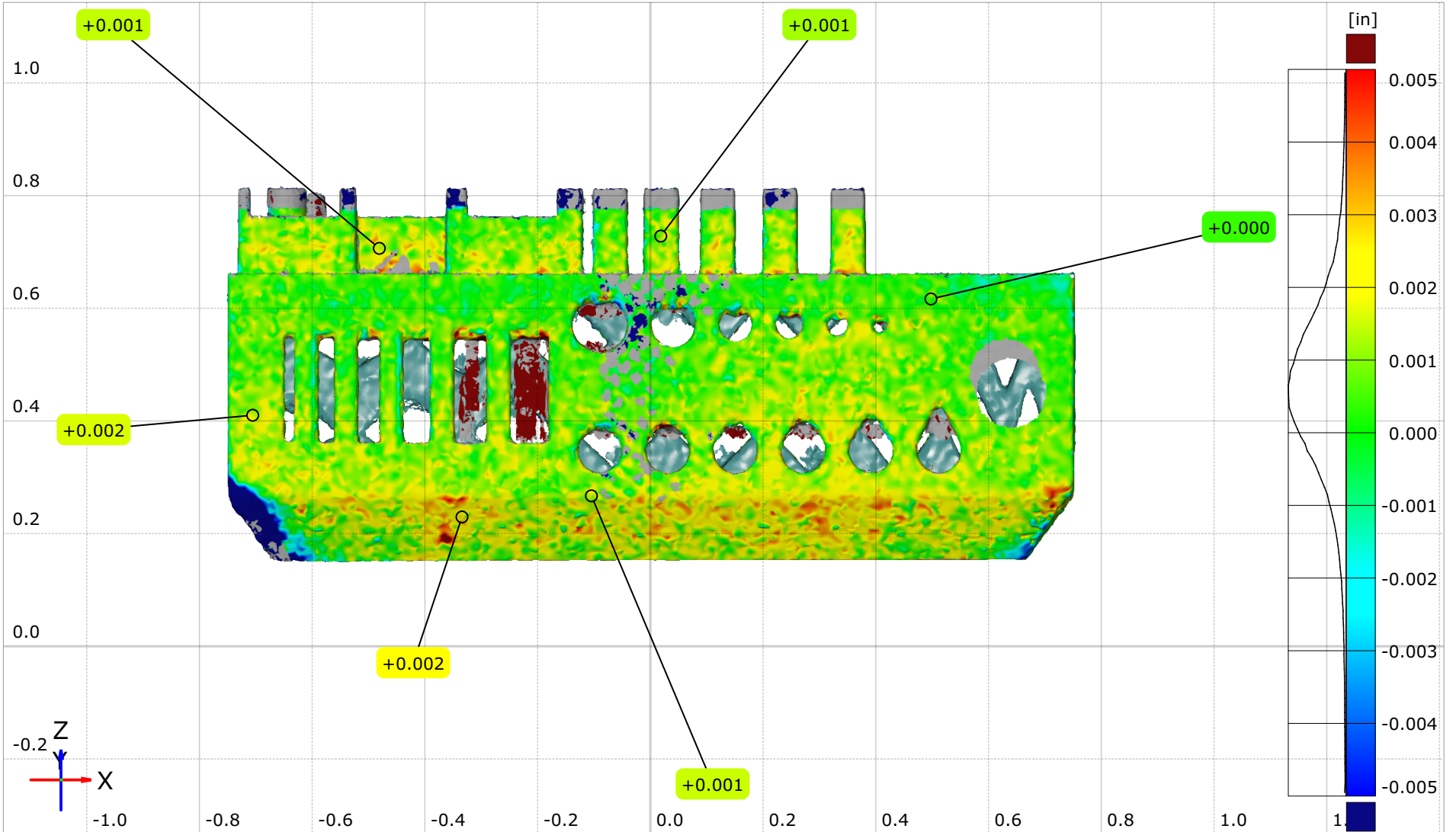
Alignment By Geometric Elements

Length unit: in

3D Deviation - Right View, Segment 3

9_0333_DC5_Segment3

Deviation reference: 9_0333_DC5_Segment5



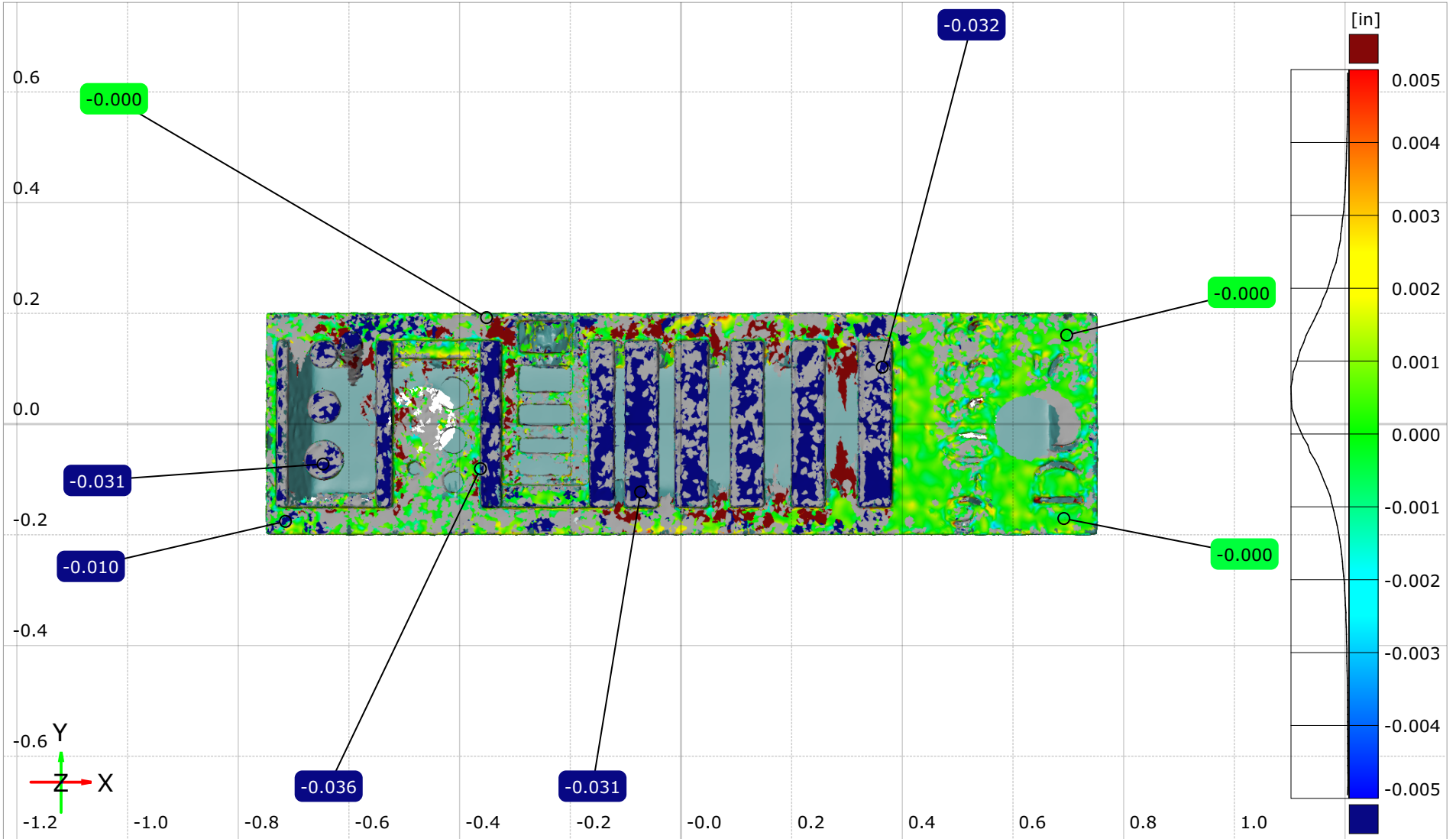
Alignment By Geometric Elements

Length unit: in

3D Deviation - Top View, Segment 3

9_0333_DC5_Segment3

Deviation reference: 9_0333_DC5_Segment5



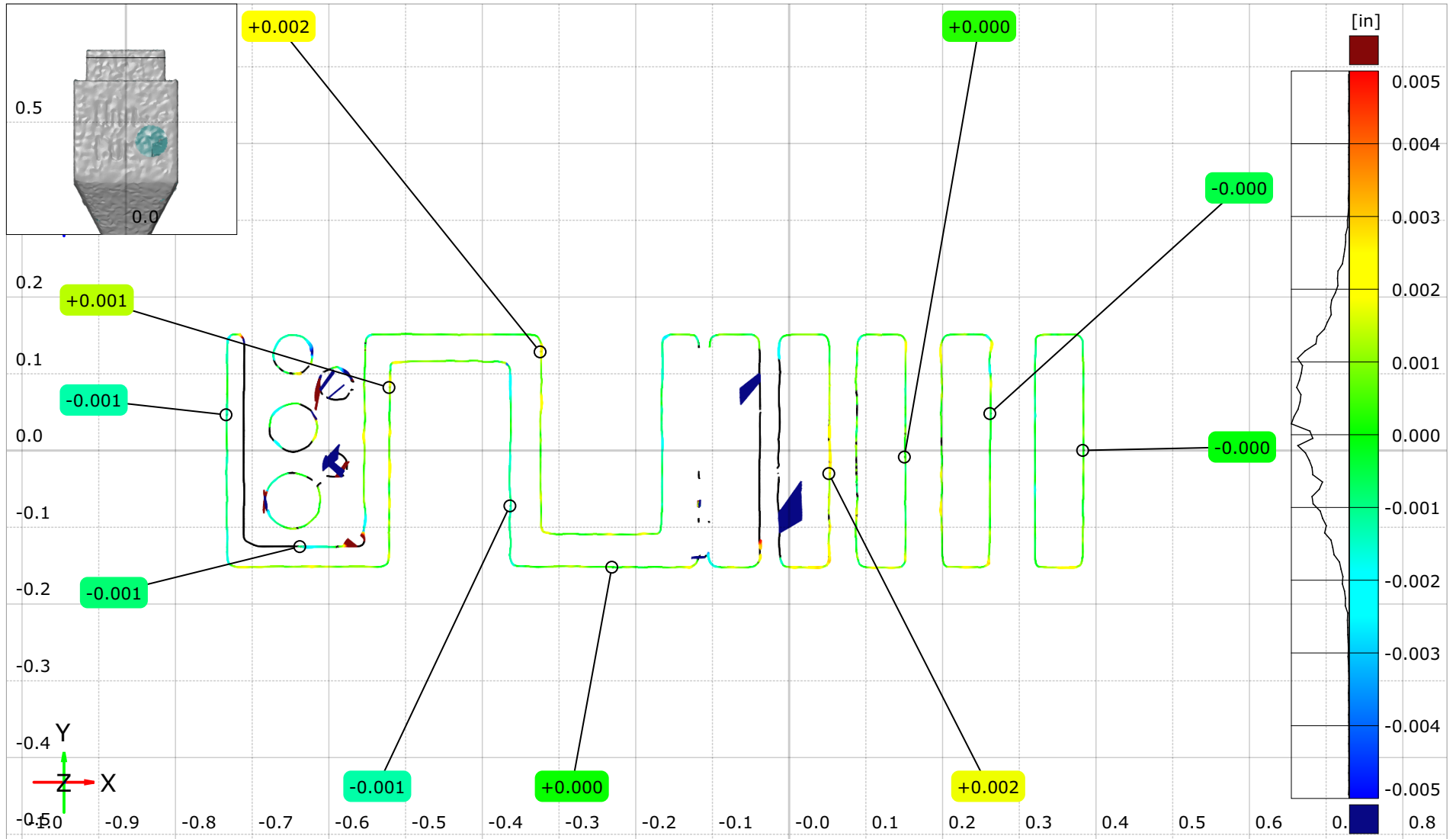
Alignment By Geometric Elements

Length unit: in

2D Deviation - Top View, Segment 3 Offset from Plane 1 by +0.090in

9_0333_DC5_Segment3

Deviation reference: 9_0333_DC5_Segment5



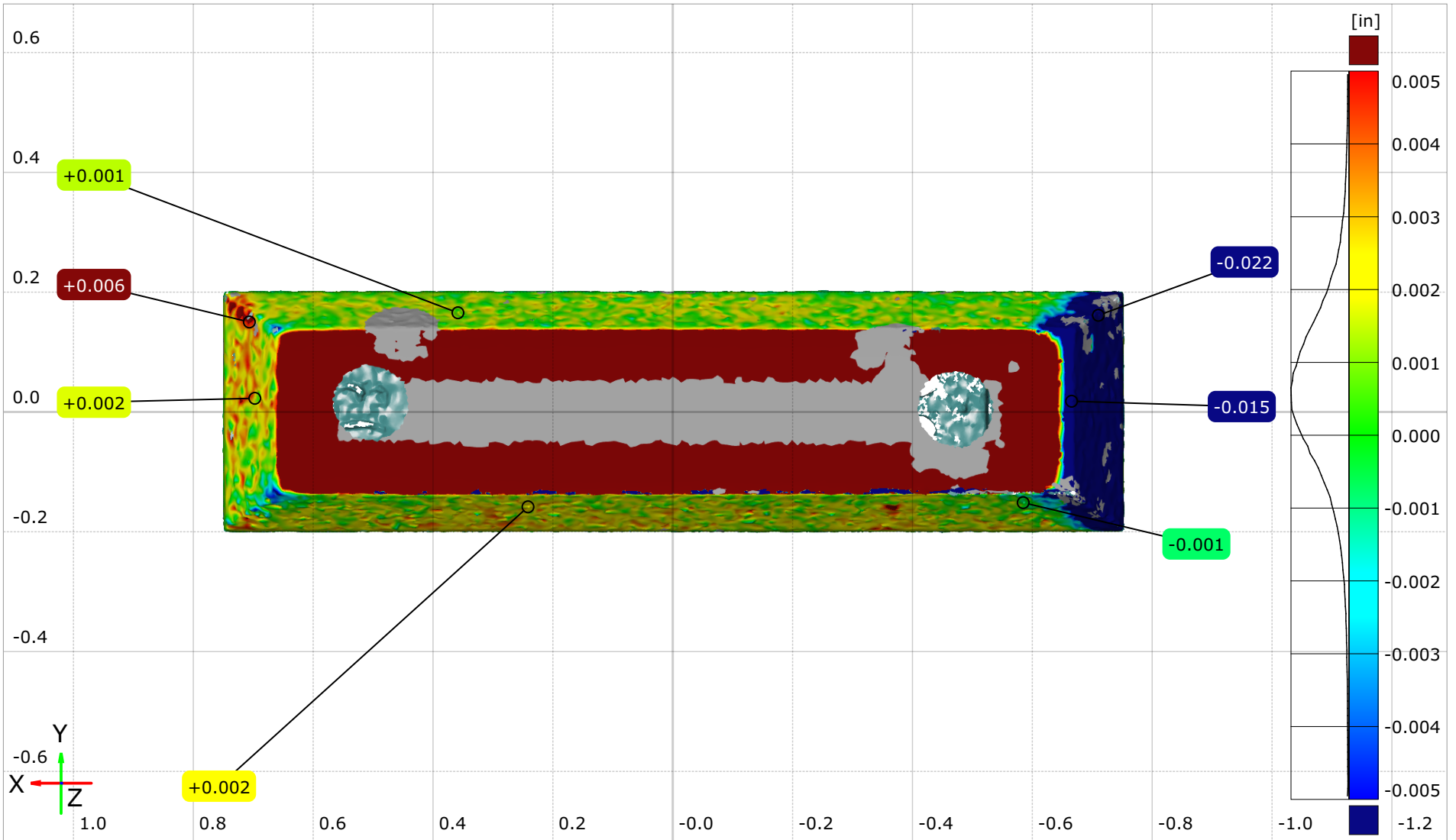
Alignment By Geometric Elements

Length unit: in

3D Deviation - Bottom View, Segment 3

9_0333_DC5_Segment3

Deviation reference: 9_0333_DC5_Segment5



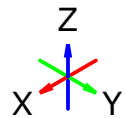
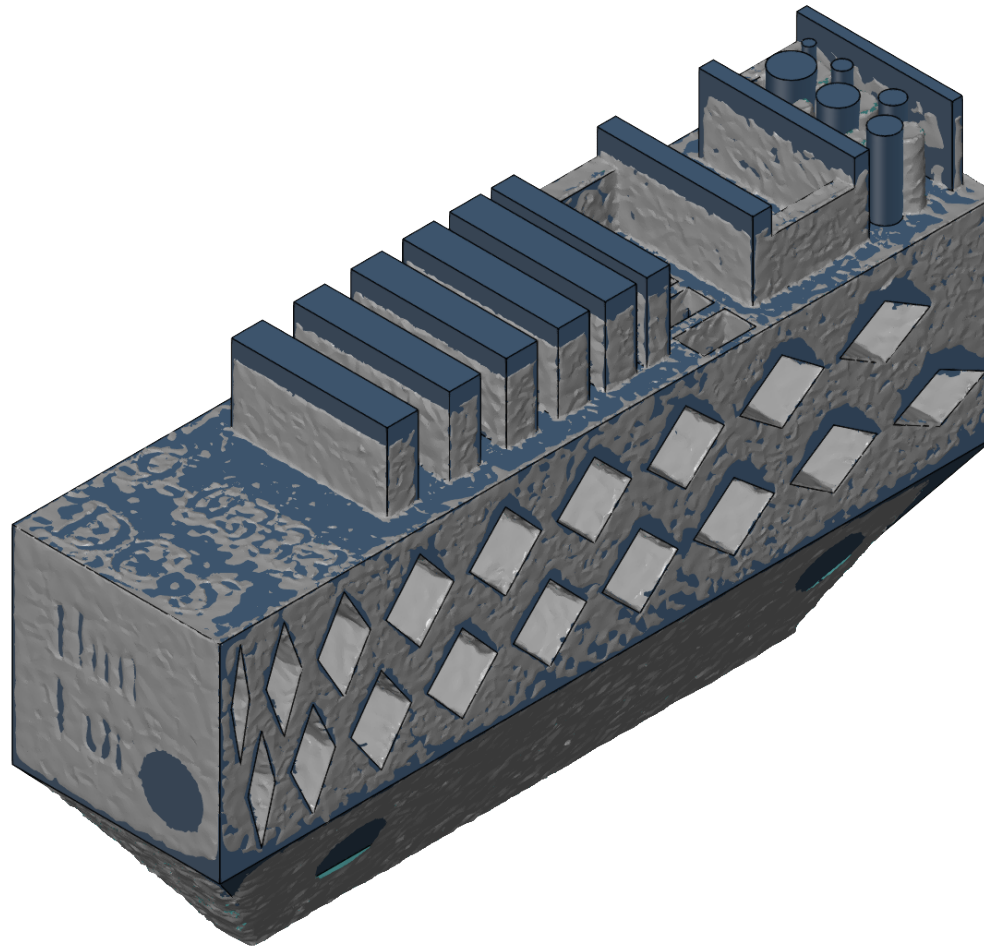
Alignment By Geometric Elements

Length unit: in

CAD Model/Scan Data Overlay - Iso View, Segment 4

9_0333_DC5_Segment4

Deviation reference: 9_0333_DC5_Segment5



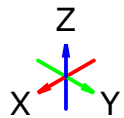
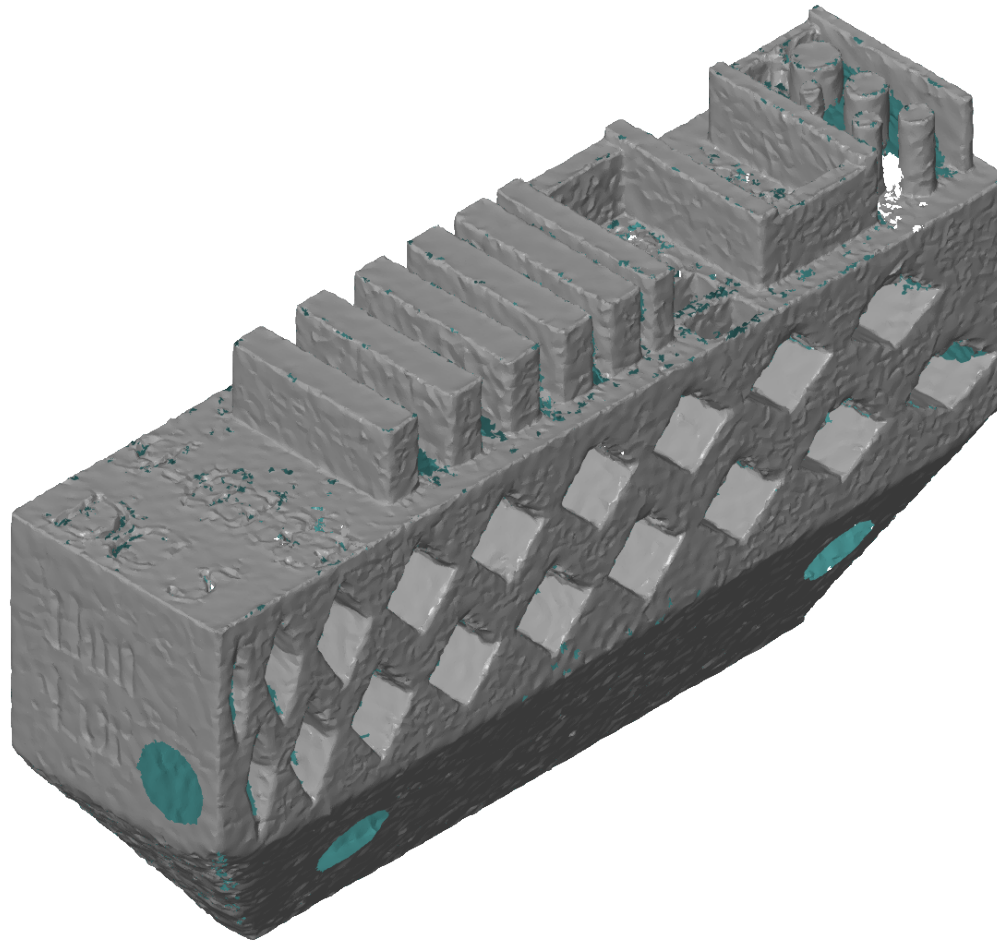
Alignment By Geometric Elements

Length unit: in

Scan Data - Iso View, Segment 4

9_0333_DC5_Segment4

Deviation reference: 9_0333_DC5_Segment5



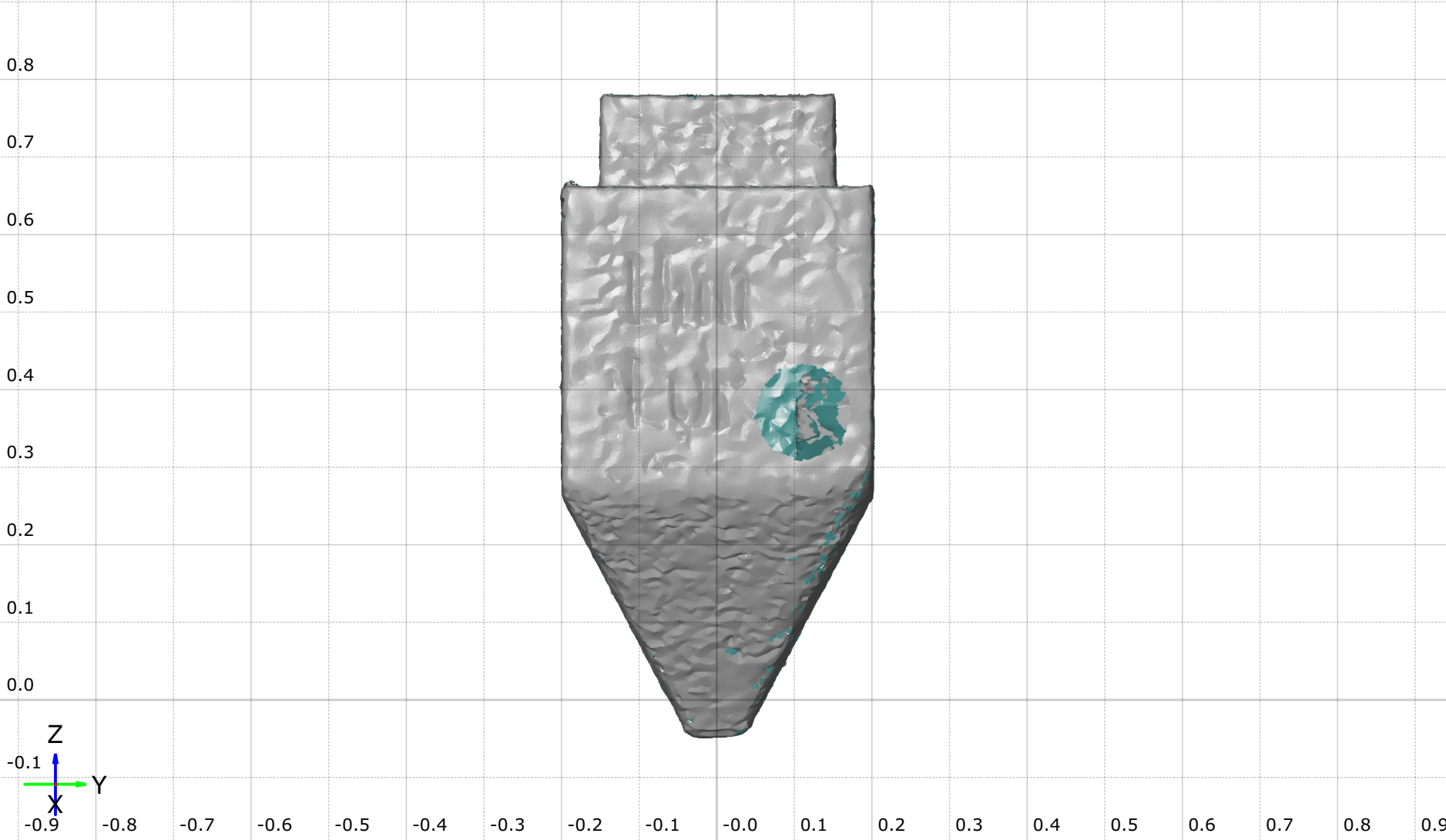
Alignment By Geometric Elements

Length unit: in

Scan Data - Front View, Segment 4

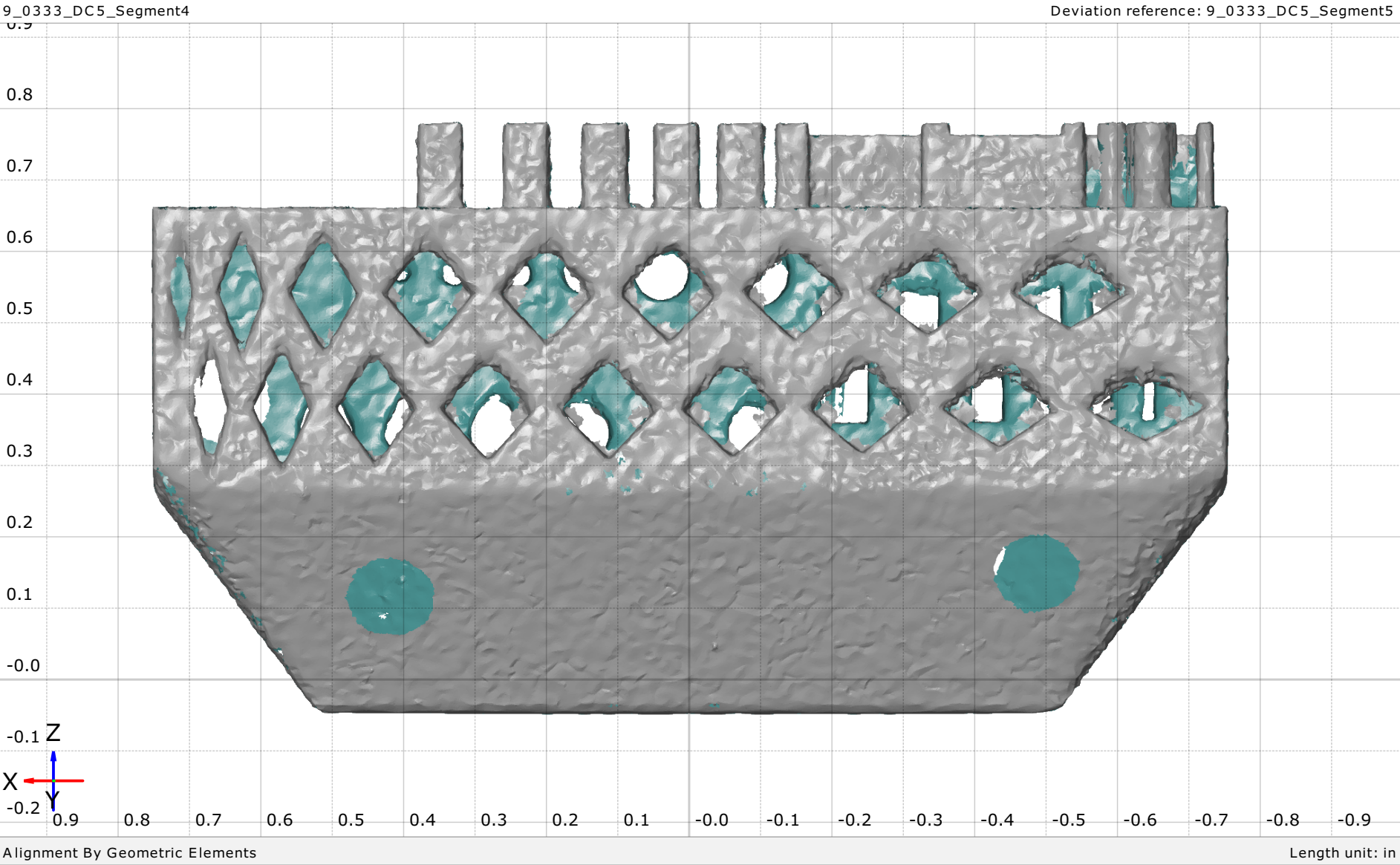
9_0333_DC5_Segment4

Deviation reference: 9_0333_DC5_Segment5



Alignment By Geometric Elements Length unit: in

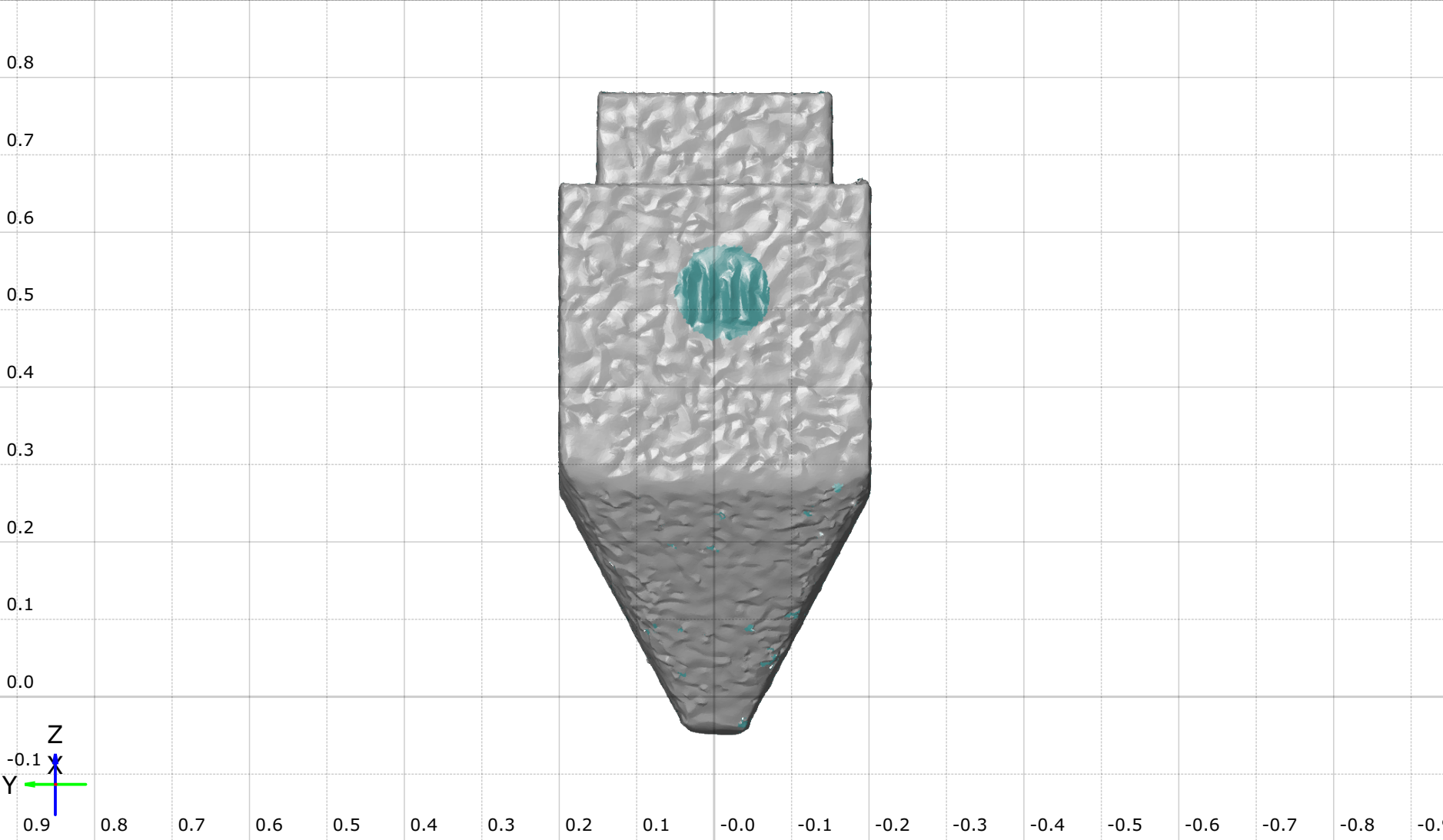
Scan Data - Left View, Segment 4



Scan Data - Back View, Segment 4

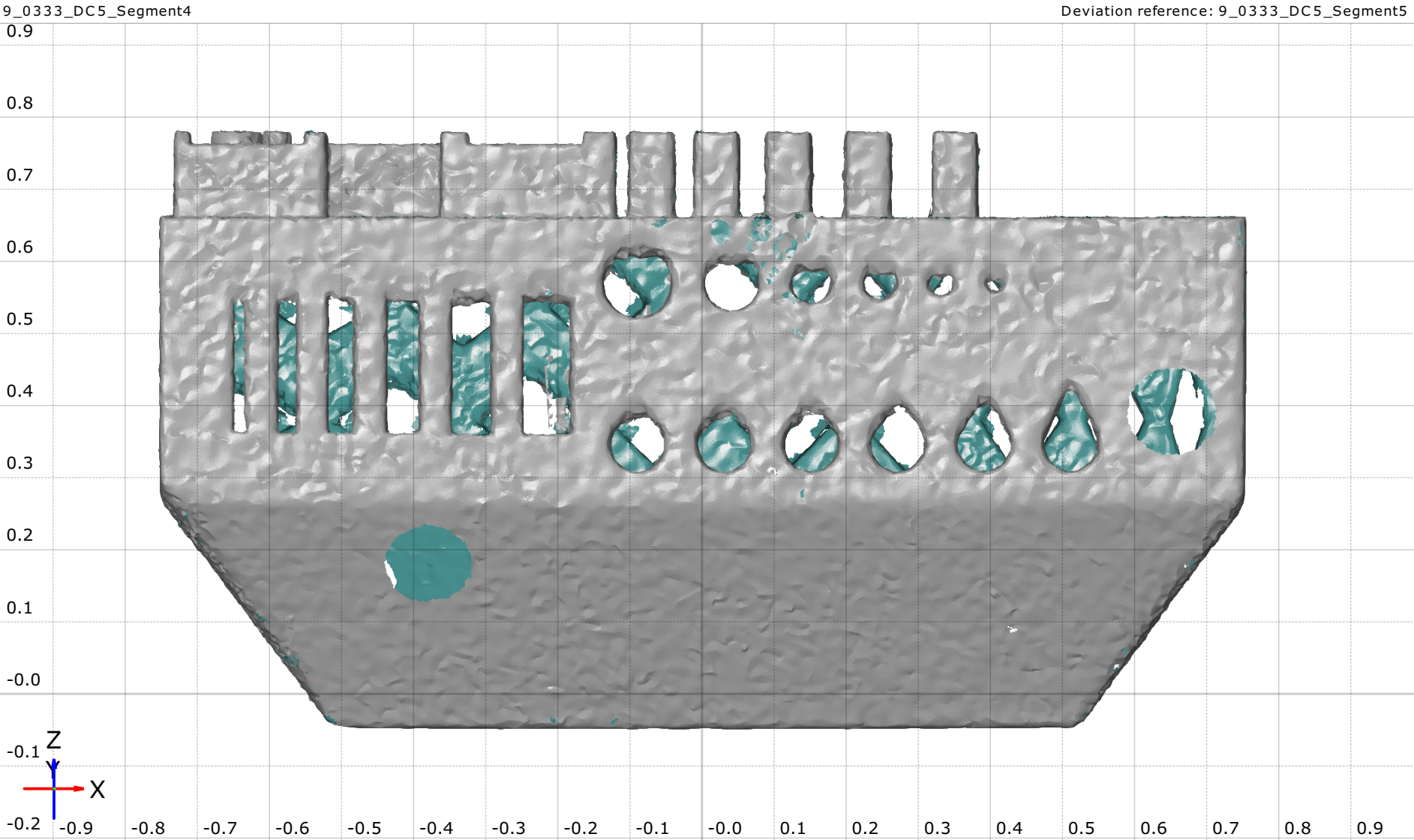
9_0333_DC5_Segment4

Deviation reference: 9_0333_DC5_Segment5



Alignment By Geometric Elements Length unit: in

Scan Data - Right View, Segment 4



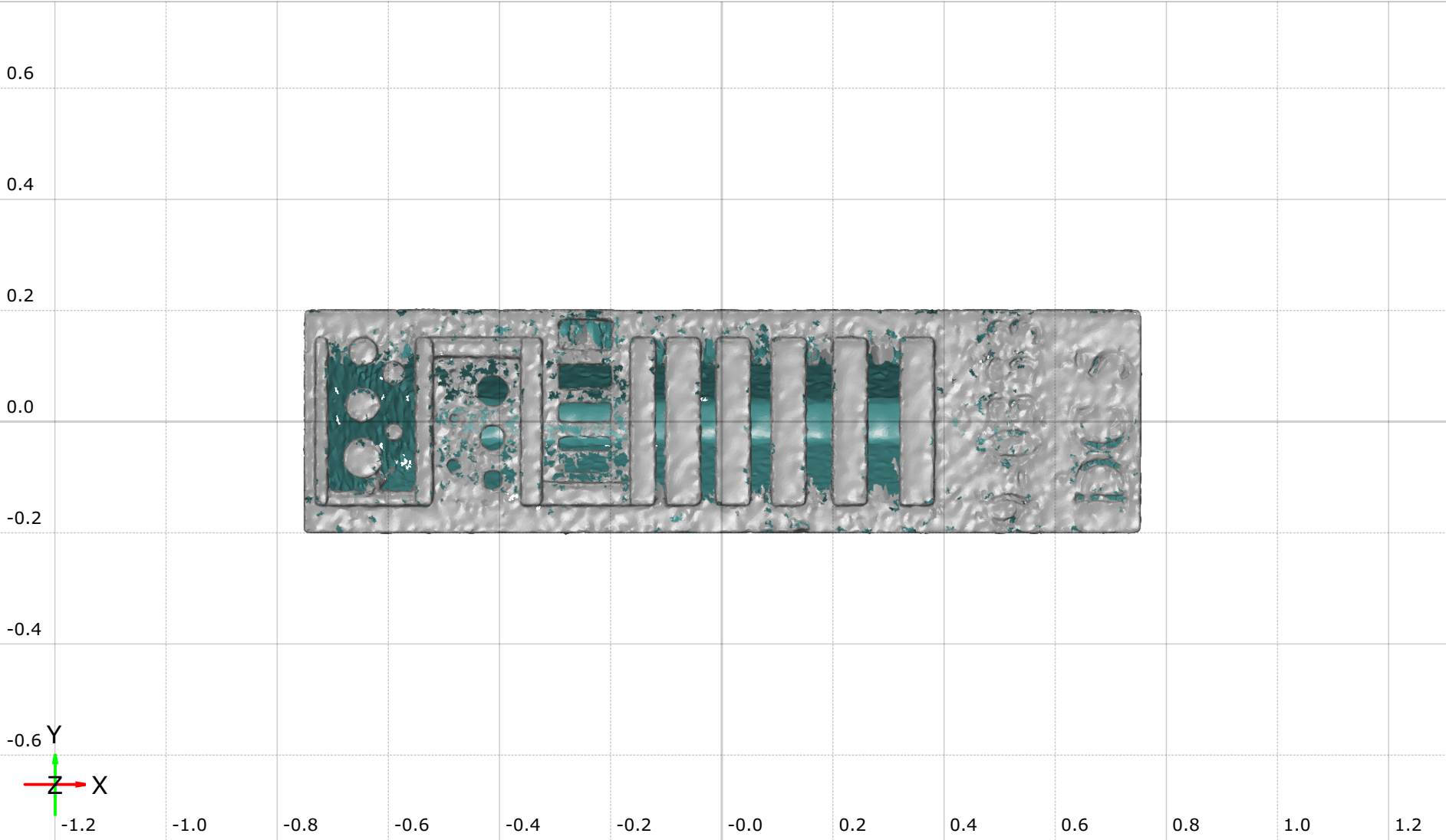
Alignment By Geometric Elements

Length unit: in

Scan Data - Top View, Segment 4

9_0333_DC5_Segment4

Deviation reference: 9_0333_DC5_Segment5

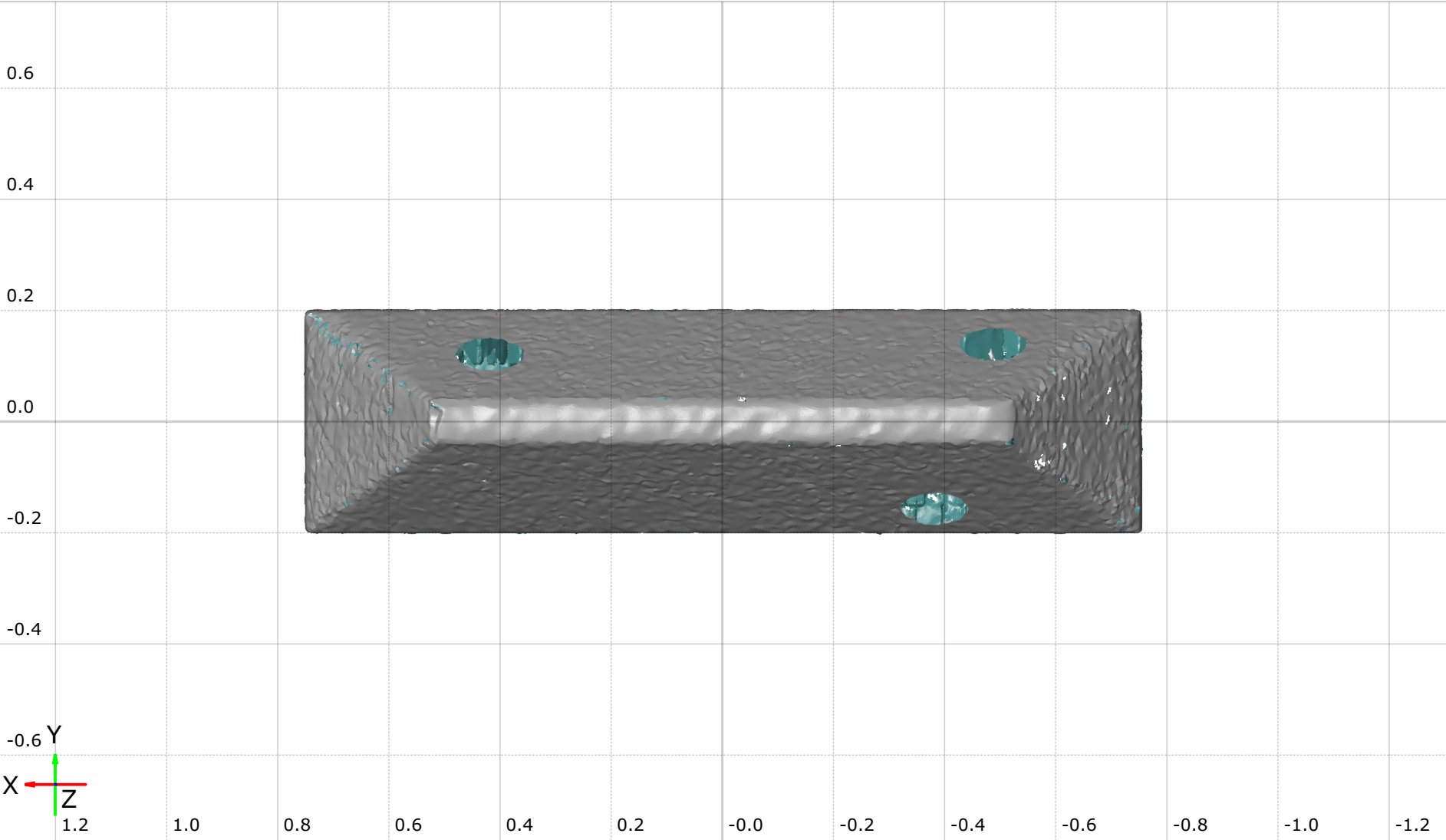


Alignment By Geometric Elements Length unit: in

Scan Data - Bottom View, Segment 4

9_0333_DC5_Segment4

Deviation reference: 9_0333_DC5_Segment5

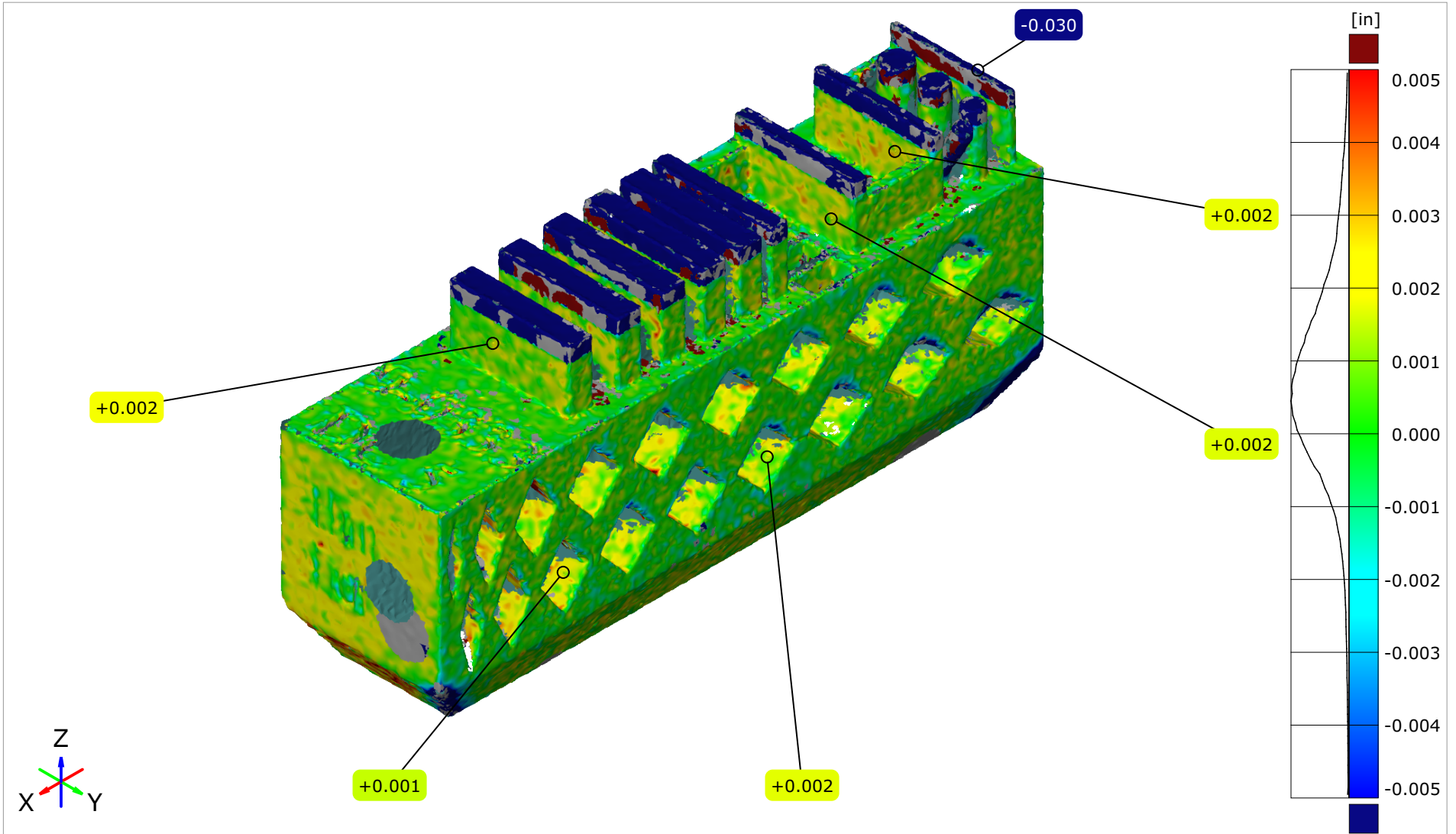


Alignment By Geometric Elements Length unit: in

3D Deviation - Iso View, Segment 4

9_0333_DC5_Segment4

Deviation reference: 9_0333_DC5_Segment5



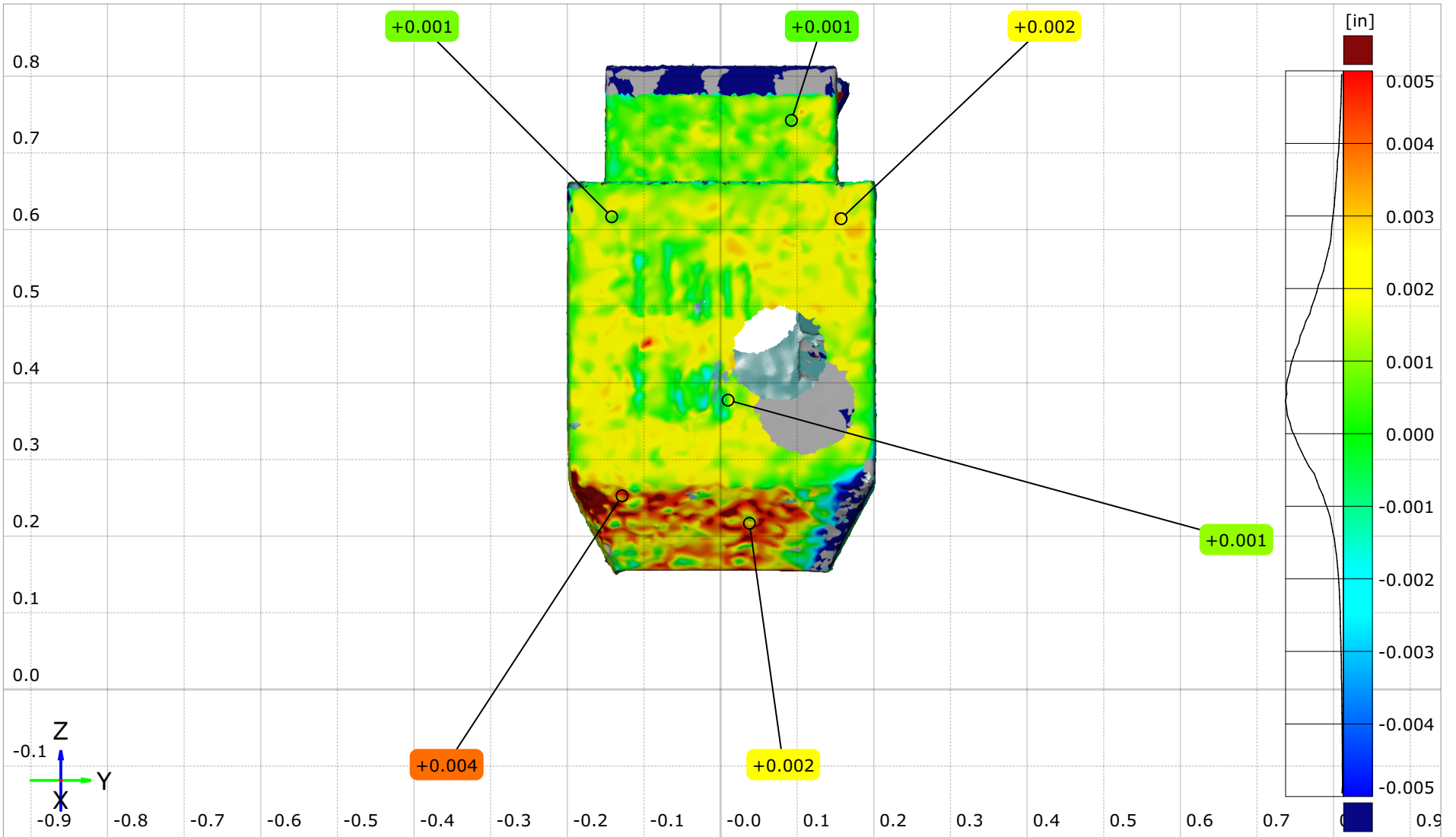
Alignment By Geometric Elements

Length unit: in

3D Deviation - Front View, Segment 4

9_0333_DC5_Segment4

Deviation reference: 9_0333_DC5_Segment5



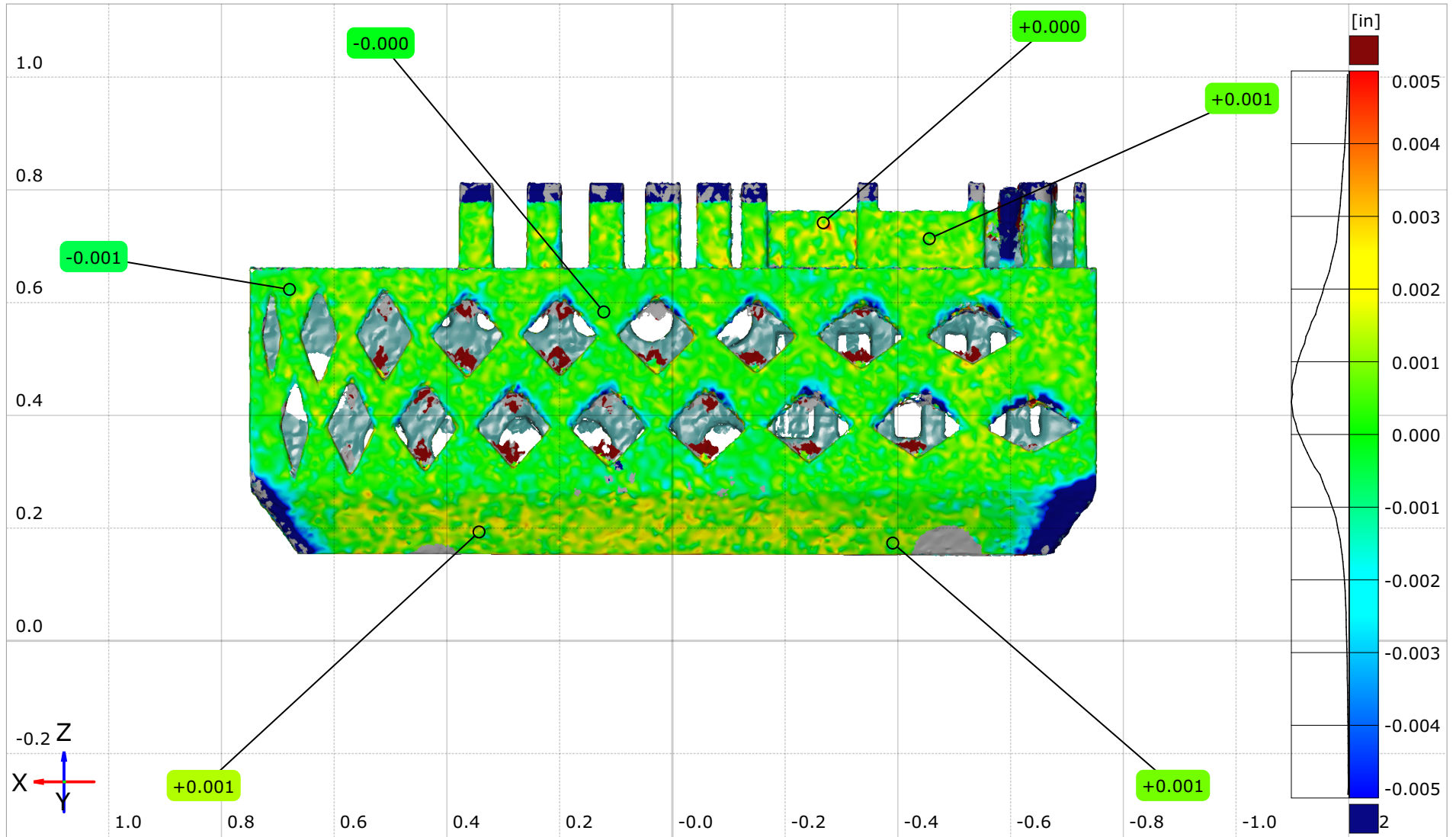
Alignment By Geometric Elements

Length unit: in

3D Deviation - Left View, Segment 4

9_0333_DC5_Segment4

Deviation reference: 9_0333_DC5_Segment5



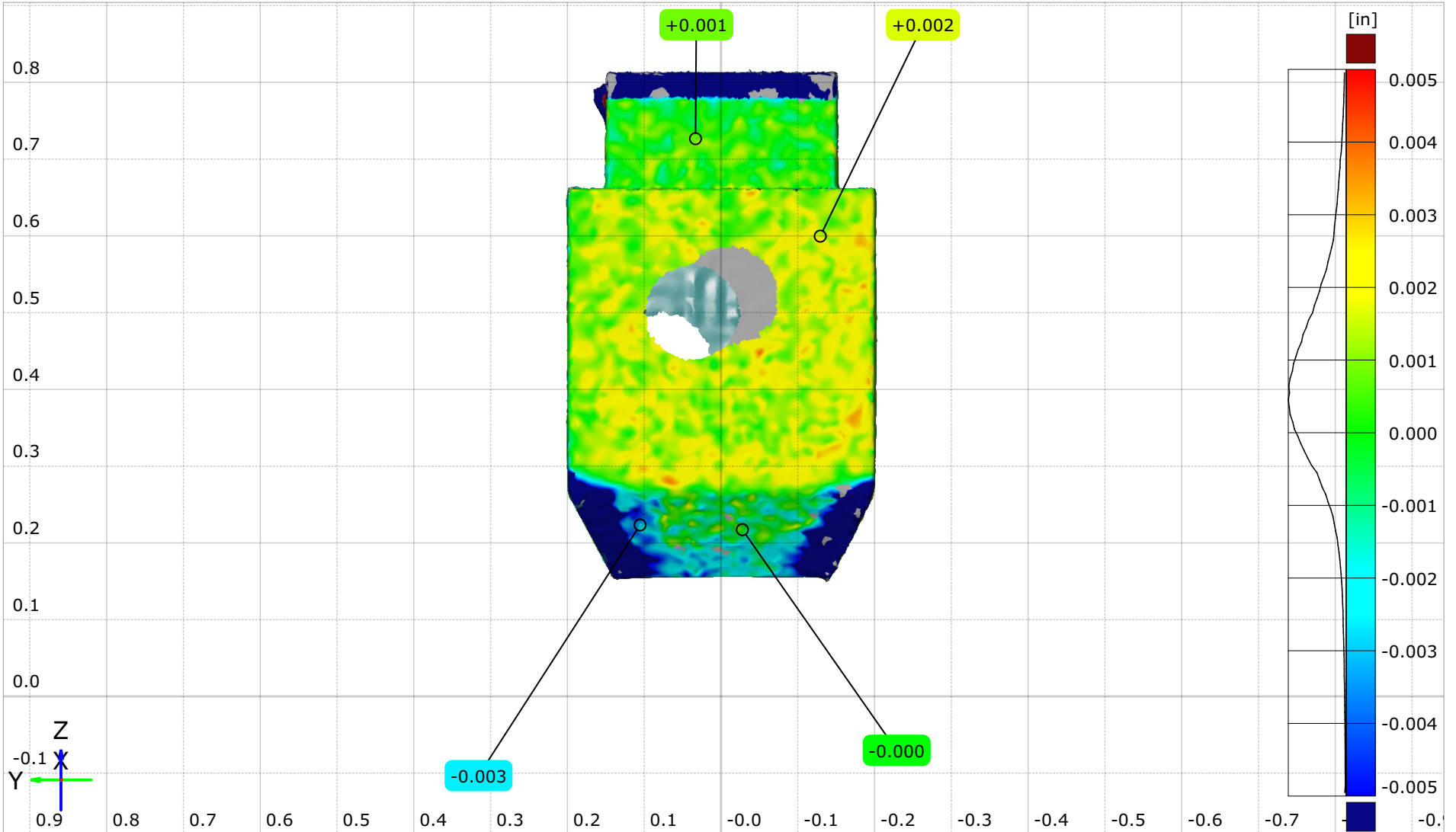
Alignment By Geometric Elements

Length unit: in

3D Deviation - Back View, Segment 4

9_0333_DC5_Segment4

Deviation reference: 9_0333_DC5_Segment5



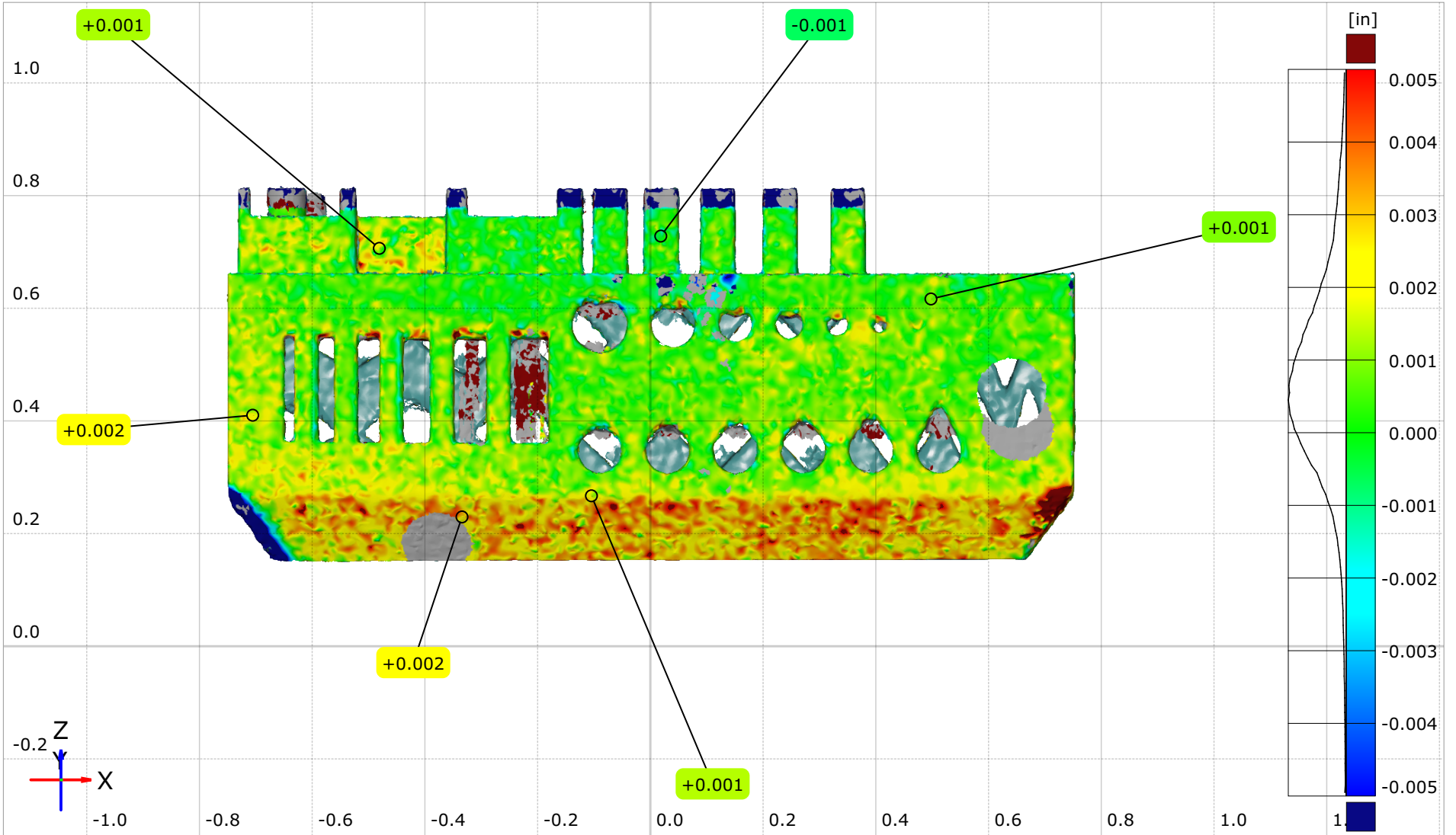
Alignment By Geometric Elements

Length unit: in

3D Deviation - Right View, Segment 4

9_0333_DC5_Segment4

Deviation reference: 9_0333_DC5_Segment5



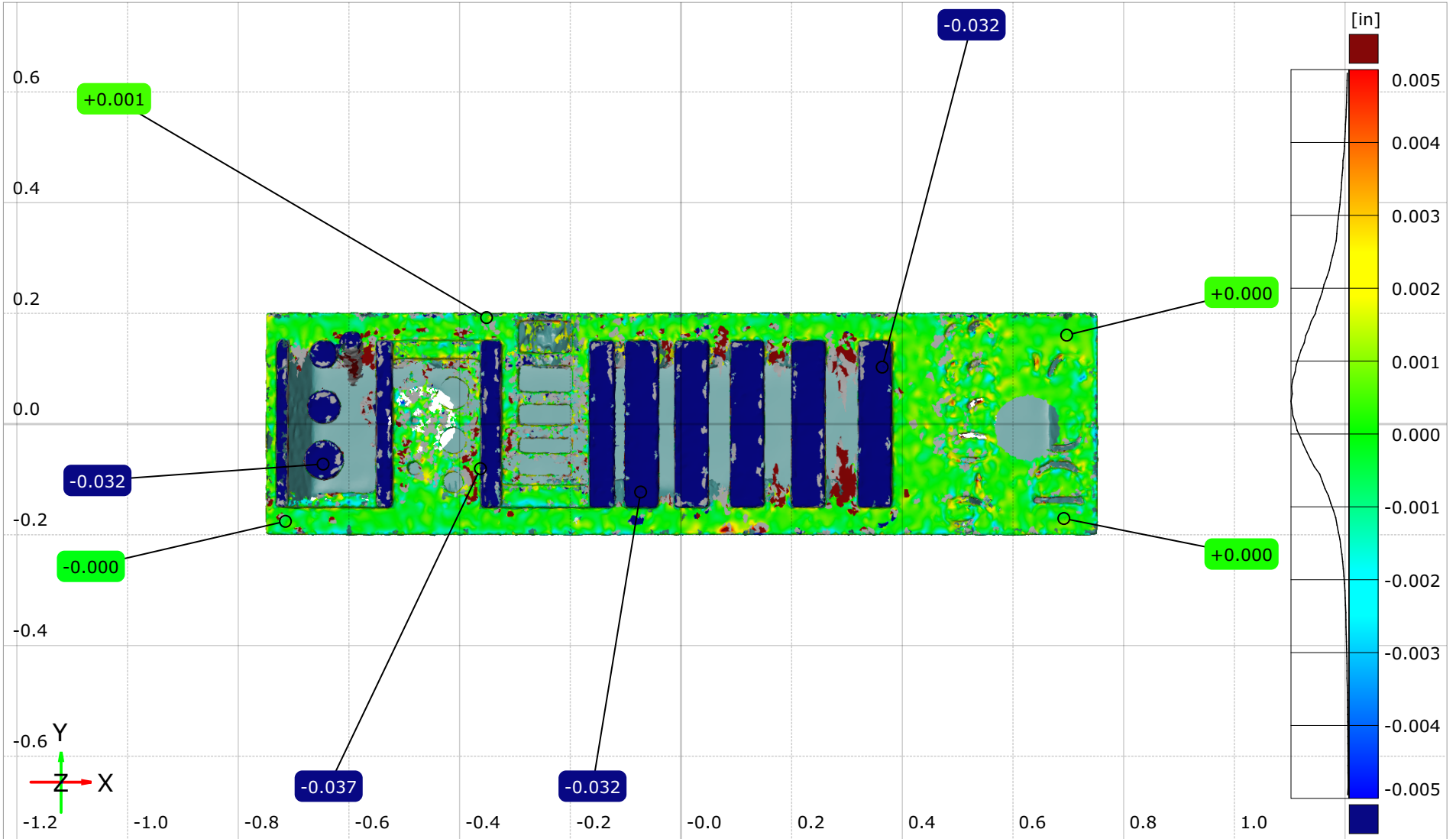
Alignment By Geometric Elements

Length unit: in

3D Deviation - Top View, Segment 4

9_0333_DC5_Segment4

Deviation reference: 9_0333_DC5_Segment5



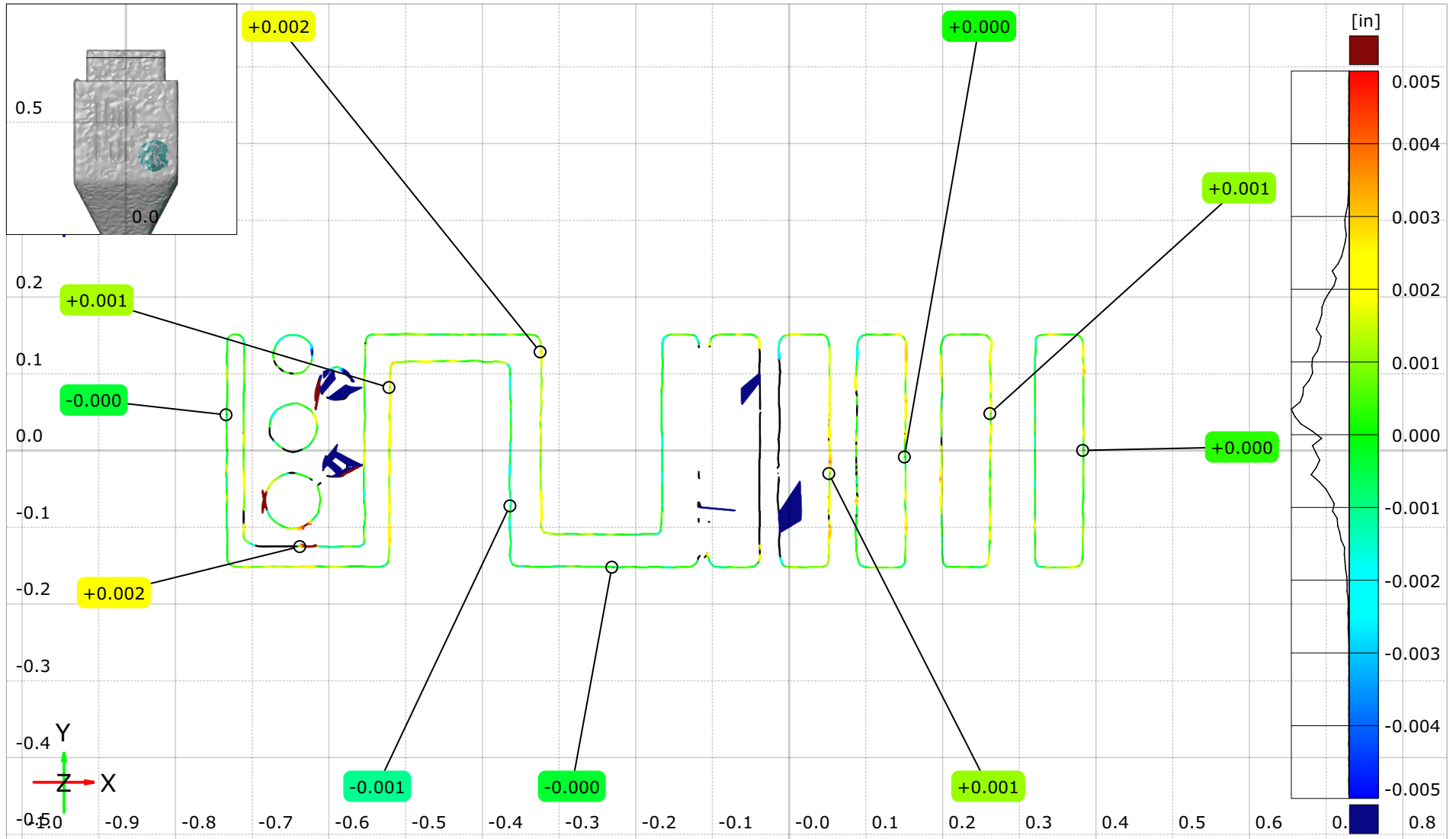
Alignment By Geometric Elements

Length unit: in

2D Deviation - Top View, Segment 4 Offset from Plane 1 by +0.090in

9_0333_DC5_Segment4

Deviation reference: 9_0333_DC5_Segment5



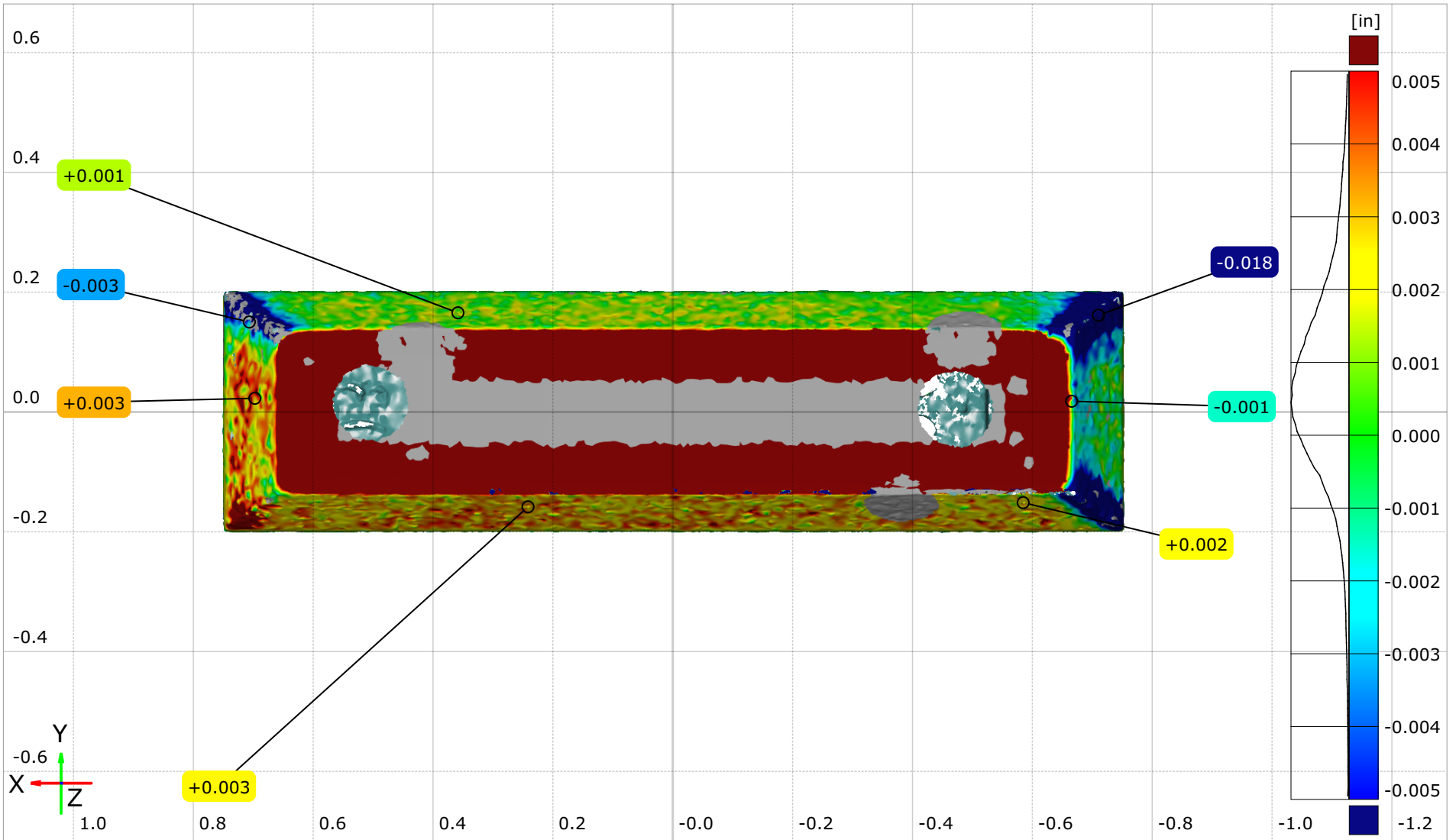
Alignment By Geometric Elements

Length unit: in

3D Deviation - Bottom View, Segment 4

9_0333_DC5_Segment4

Deviation reference: 9_0333_DC5_Segment5



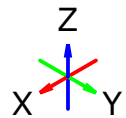
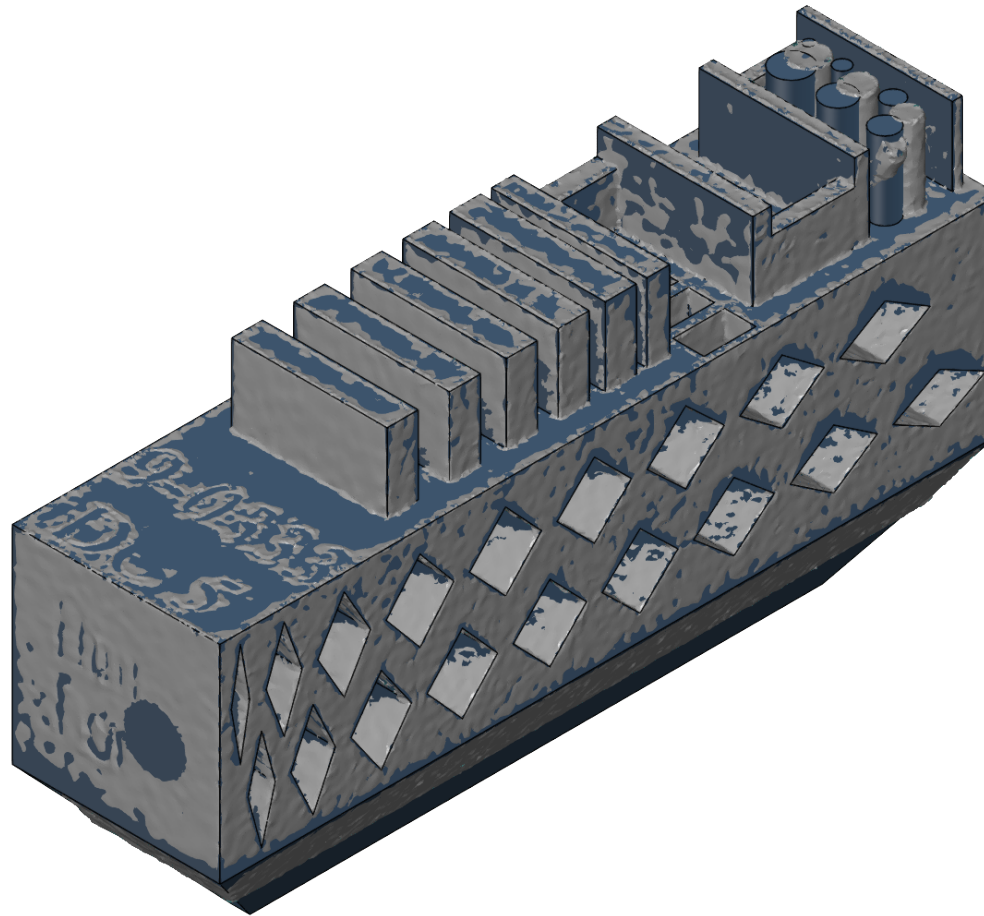
Alignment By Geometric Elements

Length unit: in

CAD Model/Scan Data Overlay - Iso View, Segment 5

9_0333_DC5_Segment5

Deviation reference: 9_0333_DC5_Segment5



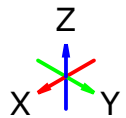
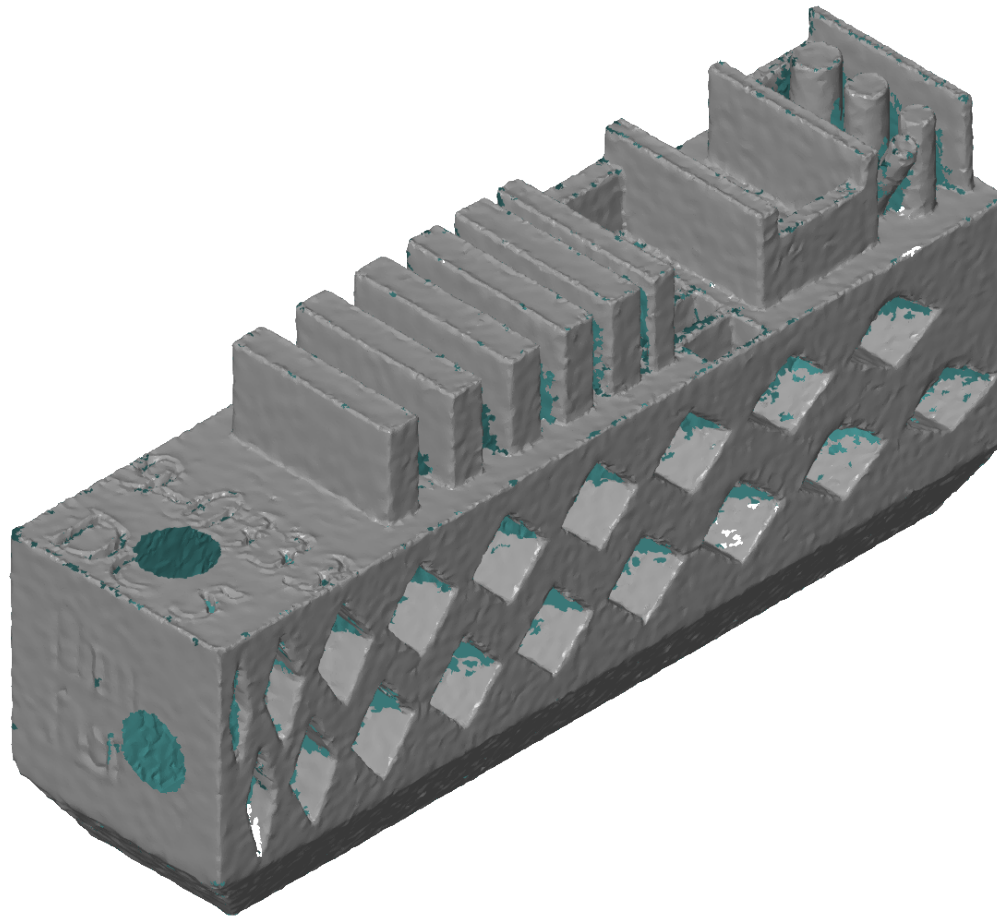
Alignment By Geometric Elements

Length unit: in

Scan Data - Iso View, Segment 5

9_0333_DC5_Segment5

Deviation reference: 9_0333_DC5_Segment5



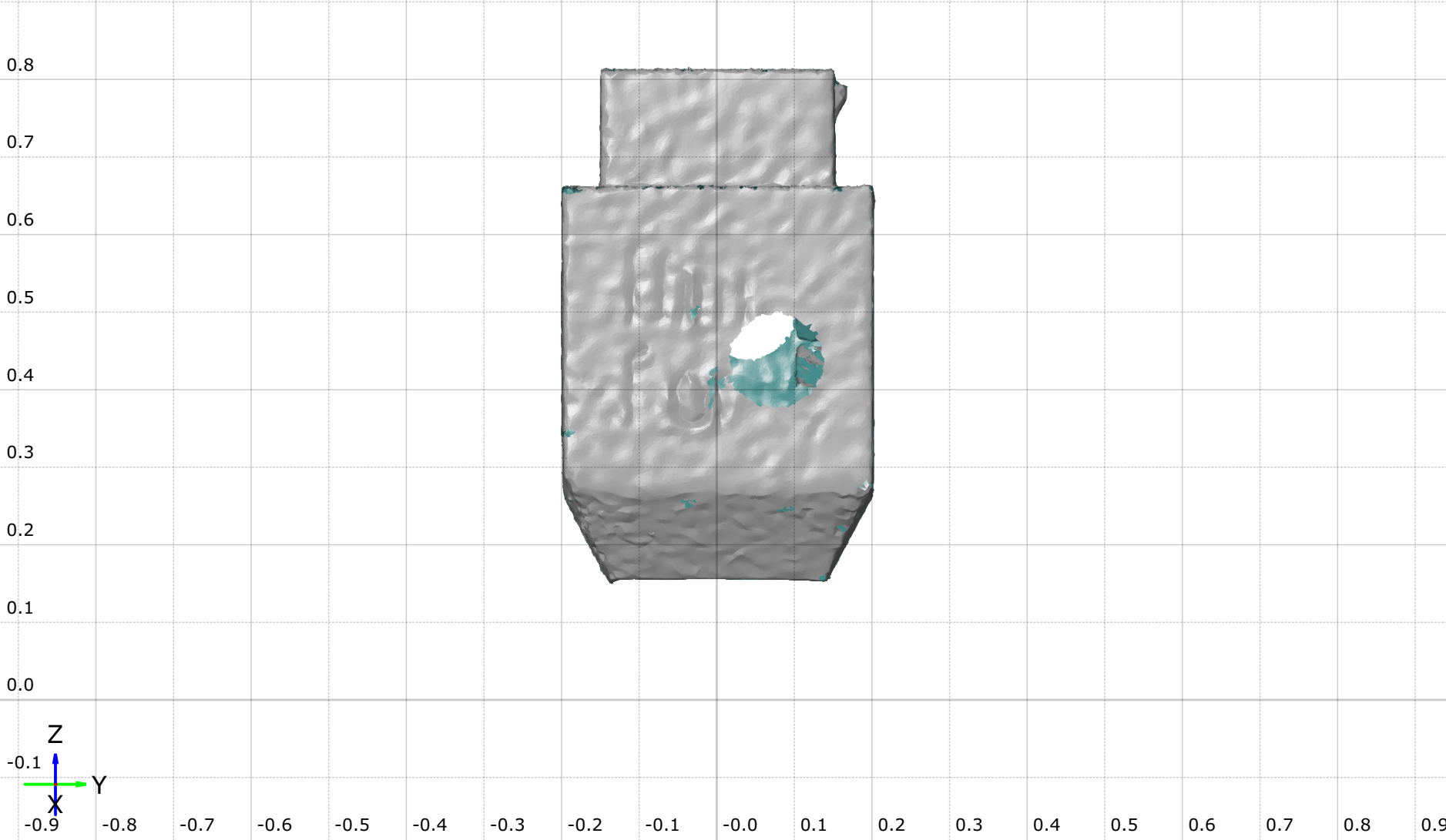
Alignment By Geometric Elements

Length unit: in

Scan Data - Front View, Segment 5

9_0333_DC5_Segment5

Deviation reference: 9_0333_DC5_Segment5

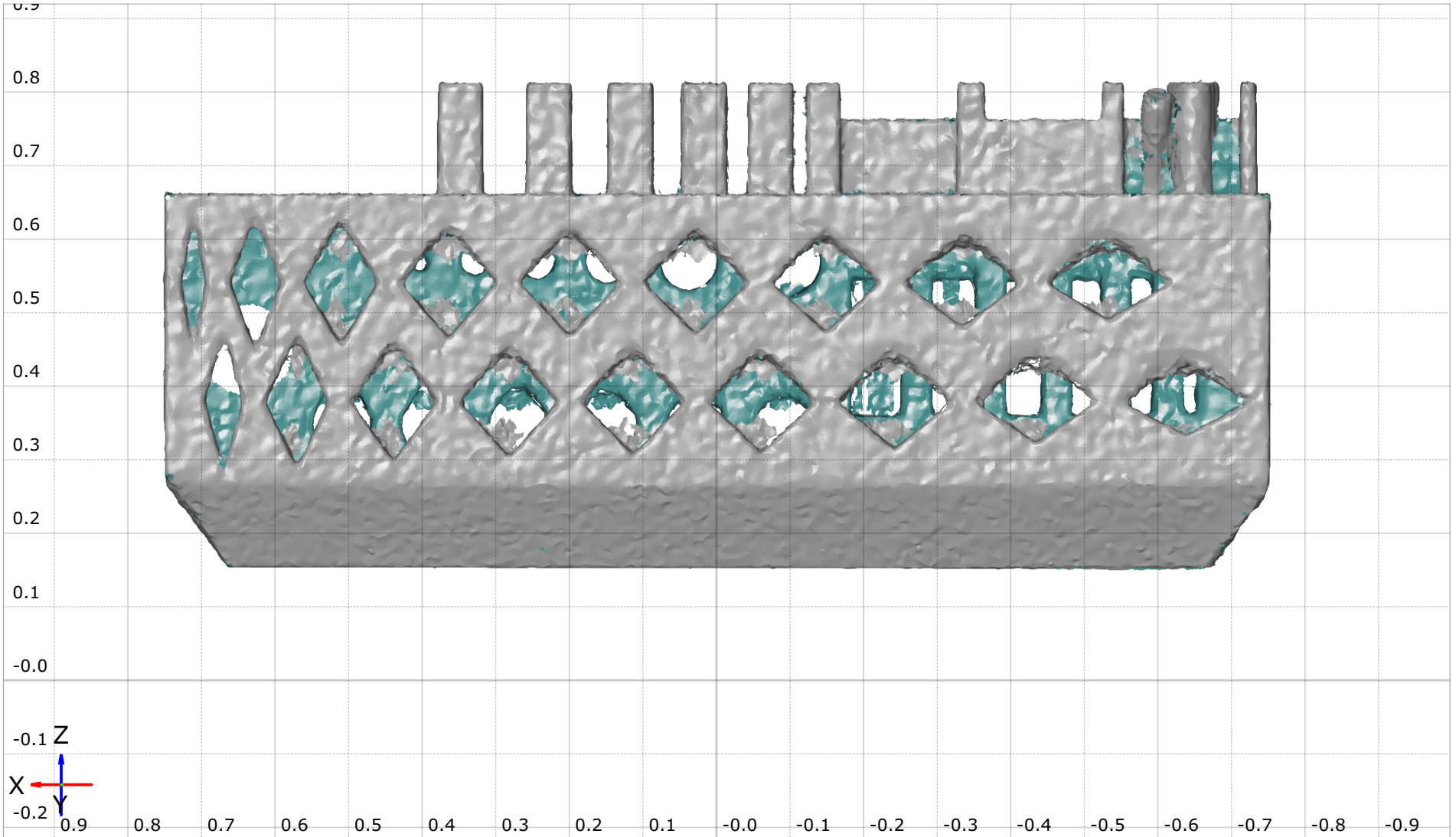


Alignment By Geometric Elements Length unit: in

Scan Data - Left View, Segment 5

9_0333_DC5_Segment5

Deviation reference: 9_0333_DC5_Segment5



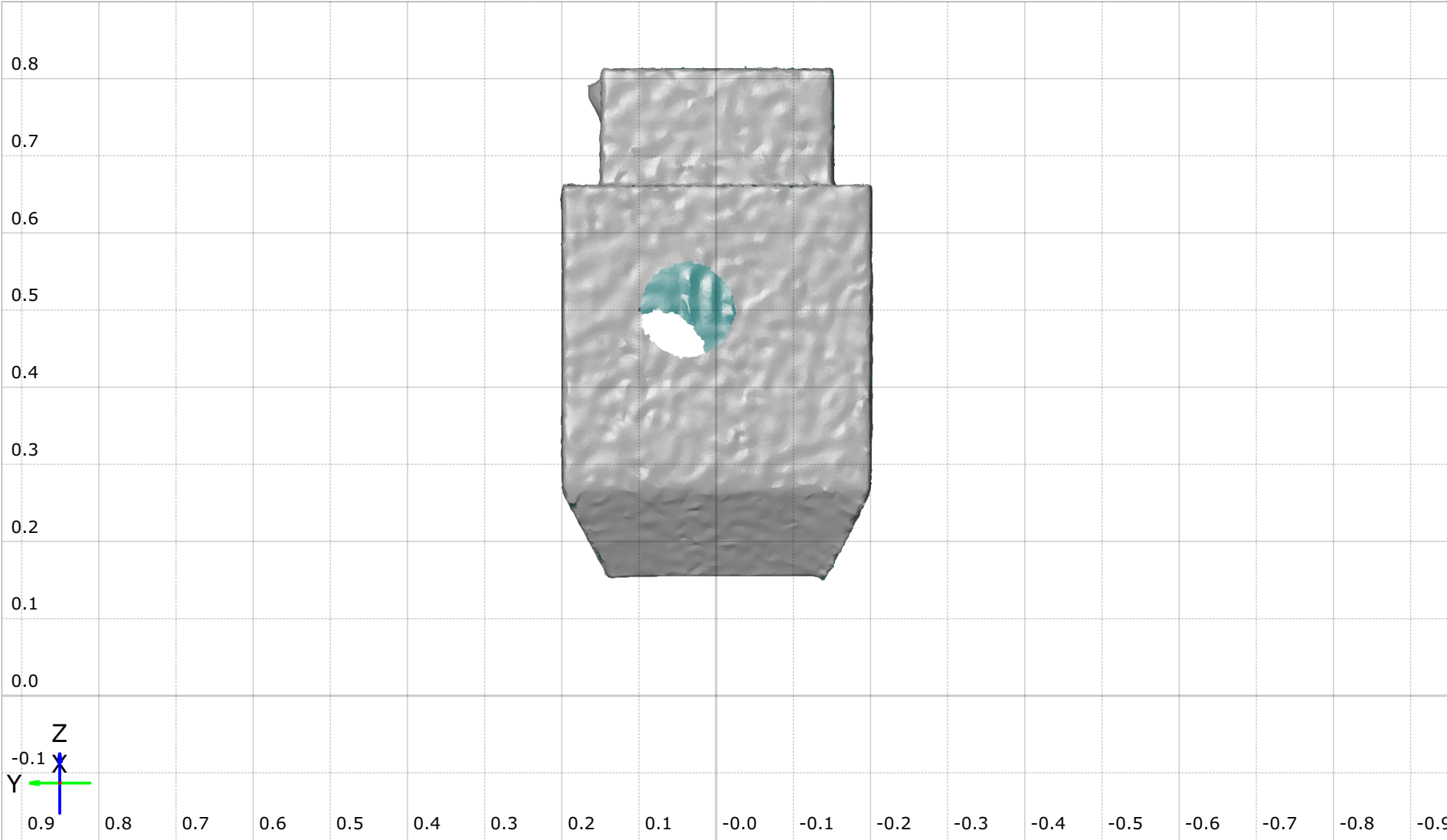
Alignment By Geometric Elements

Length unit: in

Scan Data - Back View, Segment 5

9_0333_DC5_Segment5

Deviation reference: 9_0333_DC5_Segment5

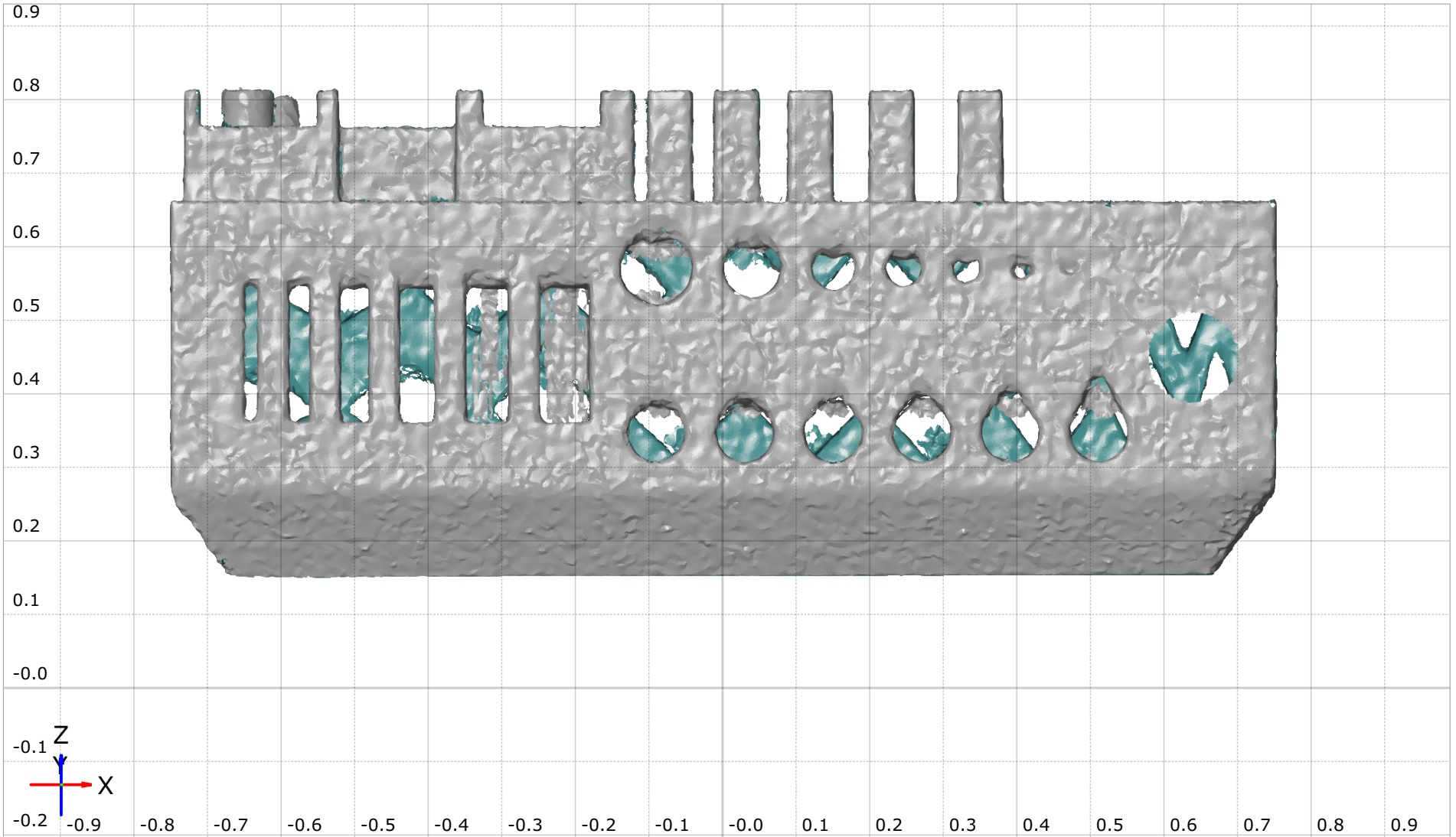


Alignment By Geometric Elements Length unit: in

Scan Data - Right View, Segment 5

9_0333_DC5_Segment5

Deviation reference: 9_0333_DC5_Segment5



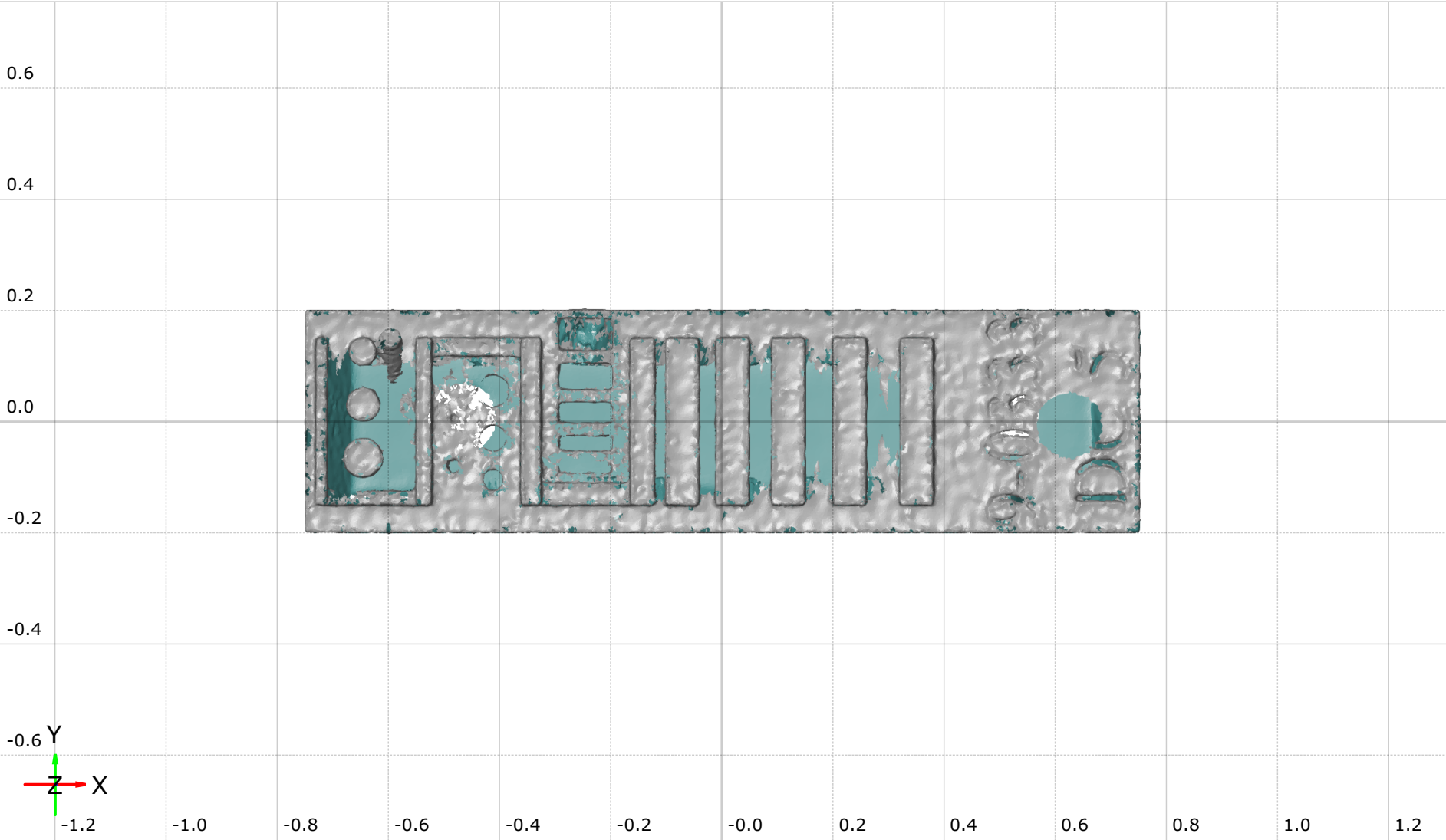
Alignment By Geometric Elements

Length unit: in

Scan Data - Top View, Segment 5

9_0333_DC5_Segment5

Deviation reference: 9_0333_DC5_Segment5

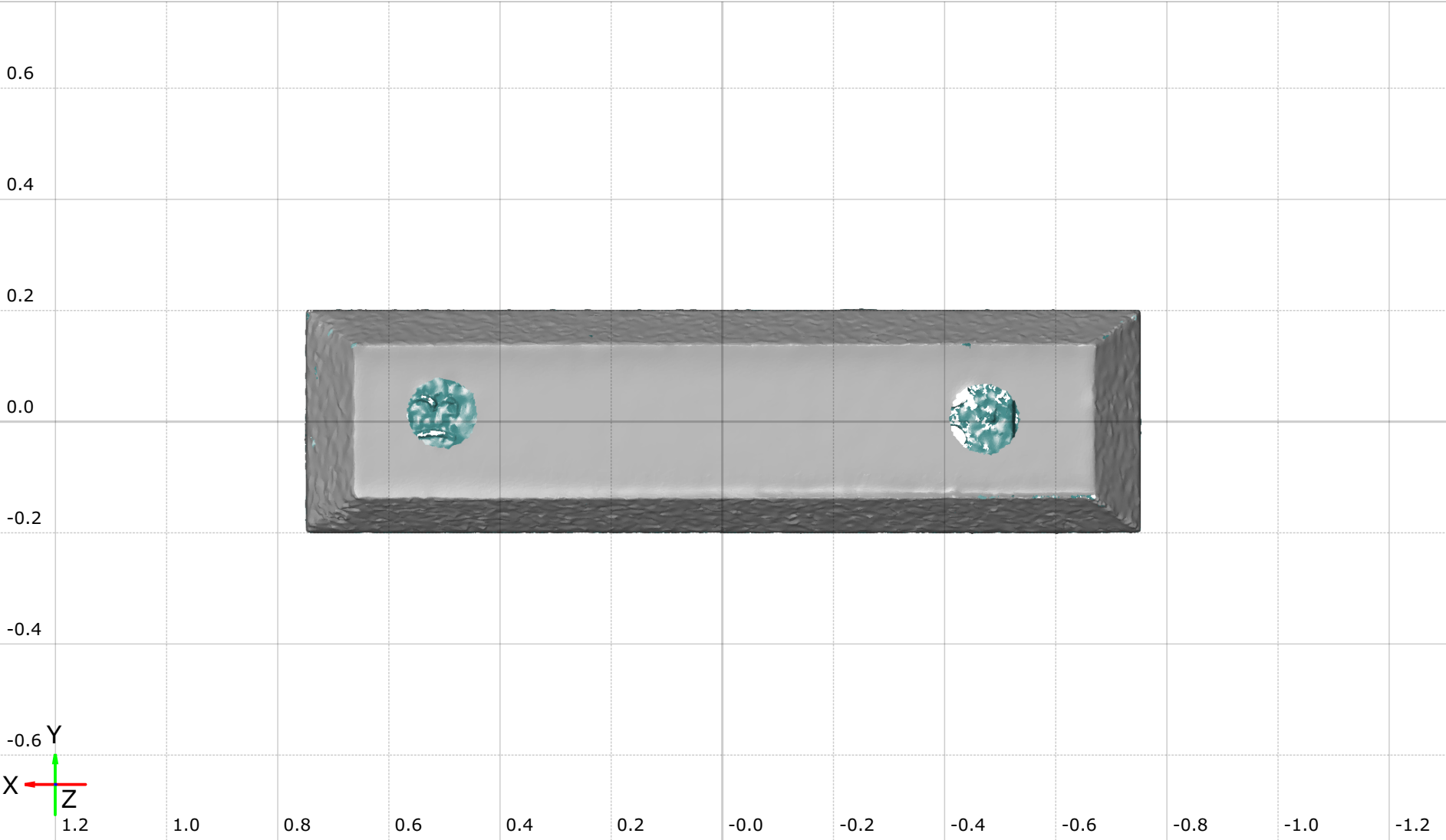


Alignment By Geometric Elements Length unit: in

Scan Data - Bottom View, Segment 5

9_0333_DC5_Segment5

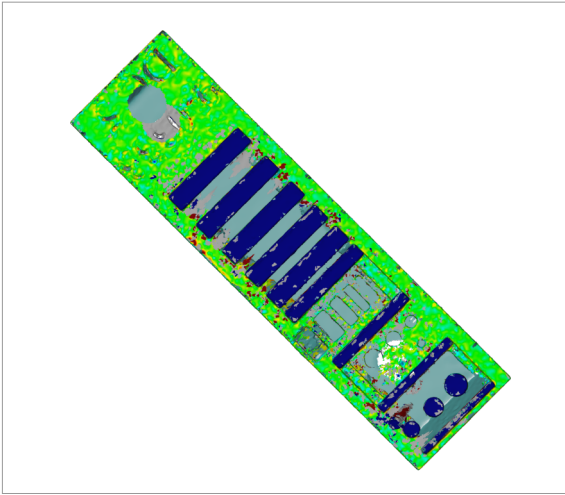
Deviation reference: 9_0333_DC5_Segment5



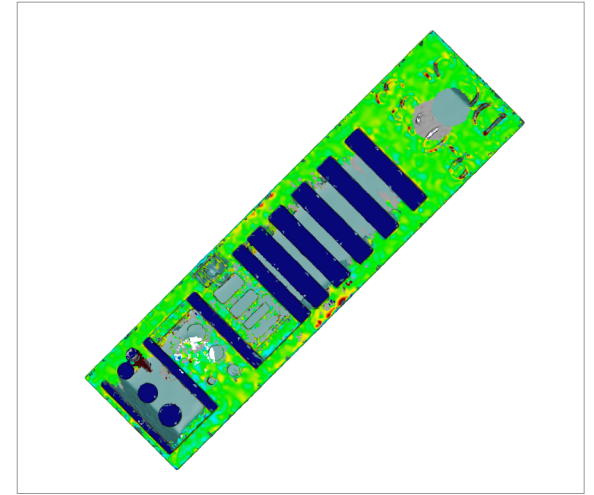
Alignment By Geometric Elements Length unit: in

3D Deviation - Top View of Part Layout

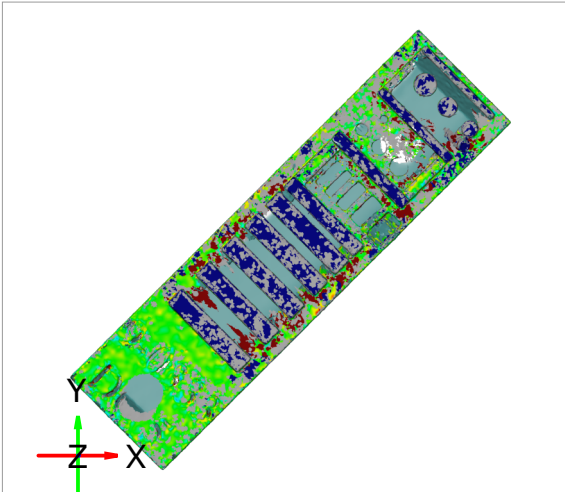
9_0333_DC5_Segment1



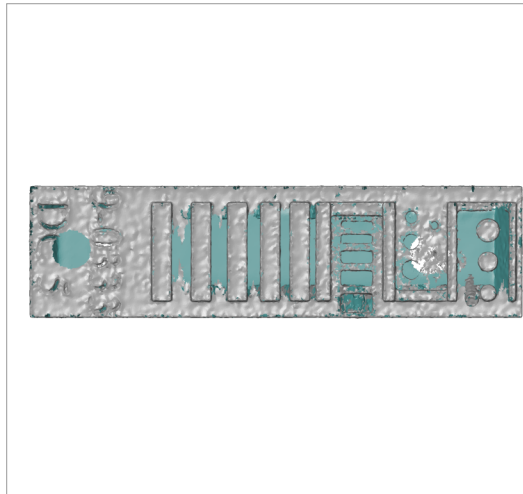
9_0333_DC5_Segment2



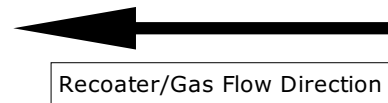
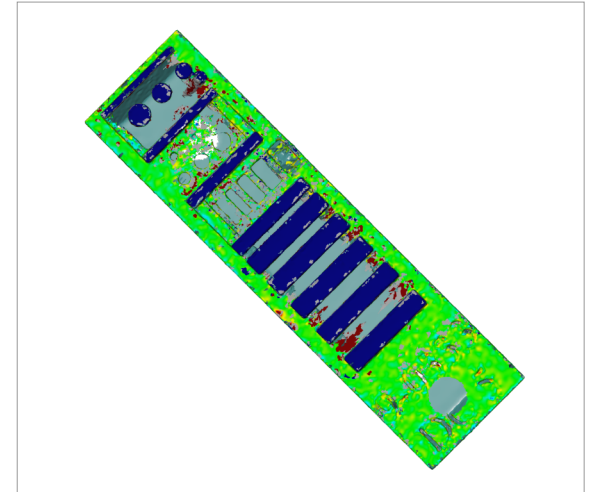
9_0333_DC5_Segment3



Deviation reference: 9_0333_DC5_Segment5

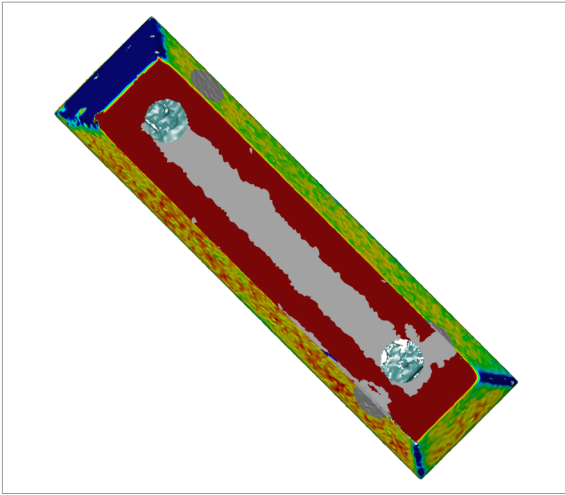


9_0333_DC5_Segment4

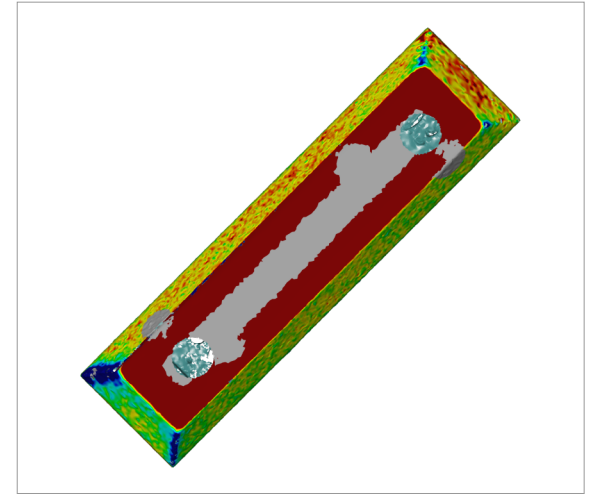


3D Deviation - Bottom View of Part Layout

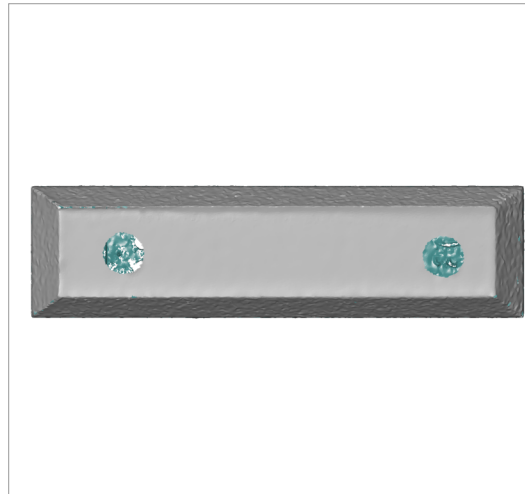
9_0333_DC5_Segment2



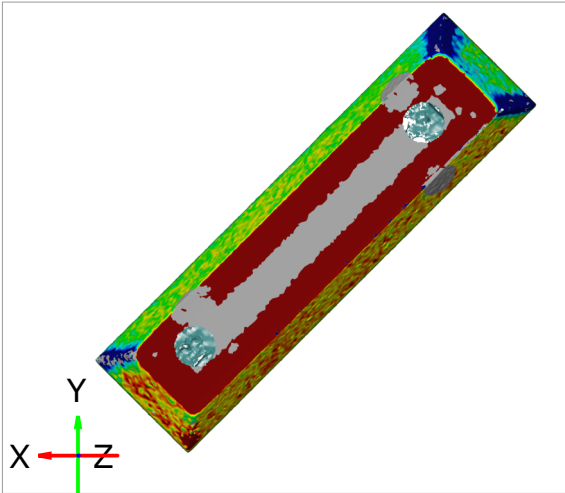
9_0333_DC5_Segment1



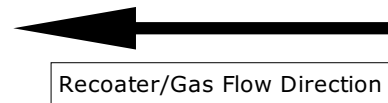
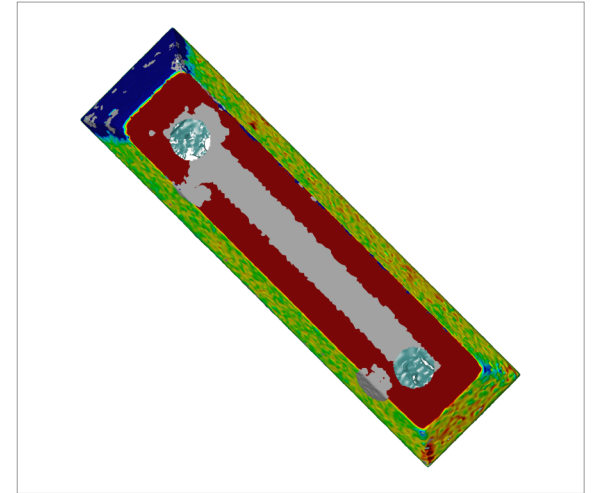
Deviation reference: 9_0333_DC5_Segment5



9_0333_DC5_Segment4

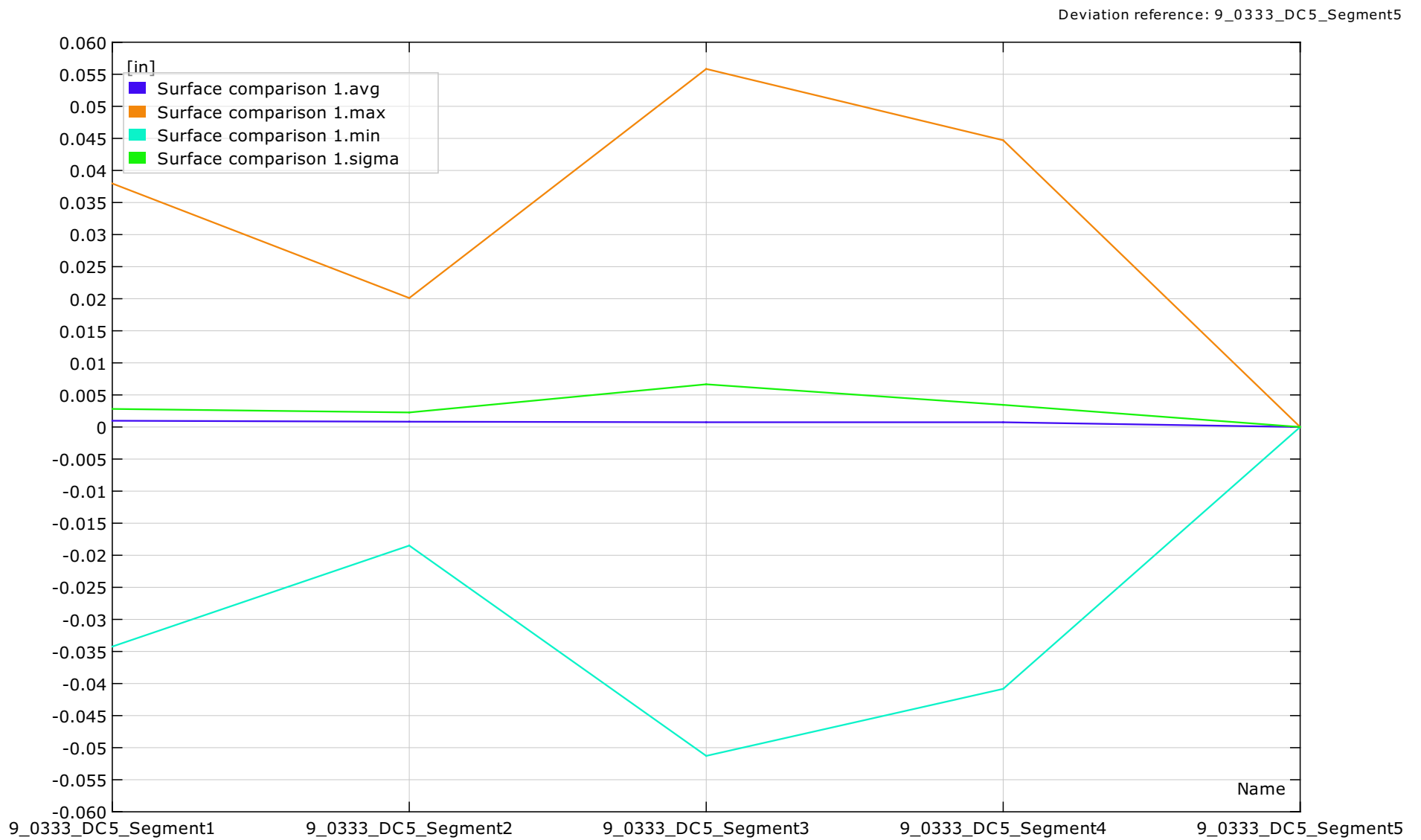


9_0333_DC5_Segment3



Recoater/Gas Flow Direction

Basic Statistics Chart



Alignment By Geometric Elements

Length unit: in