

Program	<b>CurveOffset / CurveBlock</b>		MiniPlan	<i>All Characteristics</i>	Plant	CZ IMT GmbH
Drawing-No	123-456-789 / 01.01.2024		Mach-No	5_Axis-1	Deprmt	QS
Order-No	Prog		CMM-No	000000	Cost Center	HomeOffice
Type	Sample		MPEe =	1.5 ± L / 400	Operator	Master
Process	Test					
Inc-Part-No	41					

DMC

Text

NAME	Docu	ACT	NOM	UT	LT	DEV	EXC	TOL
<b>Curve Up</b>								
CurveForm-Up	1	0.00653	0.00000	0.01100	0.00000	0.00653		
minDevUp	1	-0.00422	0.00000	0.05000	-0.05000	-0.00422		
maxDevUp	1	0.00232	0.00000	0.05000	-0.05000	0.00232		
<b>Curve Down</b>								
CurveForm-Down	1	0.00681	0.00000	0.01100	0.00000	0.00681		
minDevDown	1	-0.00514	0.00000	0.05000	-0.05000	-0.00514		
maxDevDown	1	0.00167	0.00000	0.05000	-0.05000	0.00167		
<b>Offset Calculation</b>								
Minimum_UpDown	1	-0.00514	0.00000	0.05000	-0.05000	-0.00514		
Maximum_UpDown	1	0.00232	0.00000	0.05000	-0.05000	0.00232		
Offset_UpDown	1	-0.00141	0.00000	0.05000	-0.05000	-0.00141		
<b>Both Curves with Tolerance Offset</b>								
CurveFormOffset-Up	1	0.00653	0.00000	0.01100	0.00000	0.00653		
CurveFormOffset-Down	1	0.00681	0.00000	0.01100	0.00000	0.00681		

**Company**

**2D CurveForm without & with Offset**

**Date** 2/16/2024 12:48 PM  
 Last 1 measurements  
 No Char 19  
 No Char Red 0  
**Operator** Master

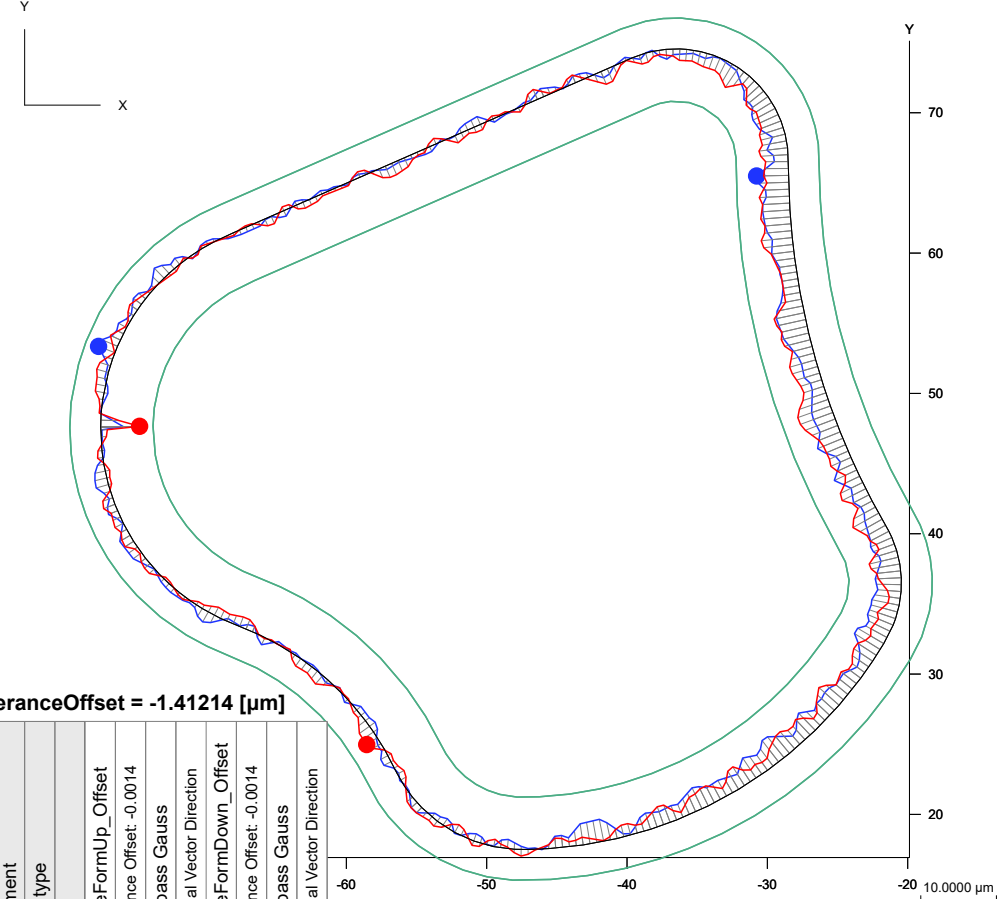
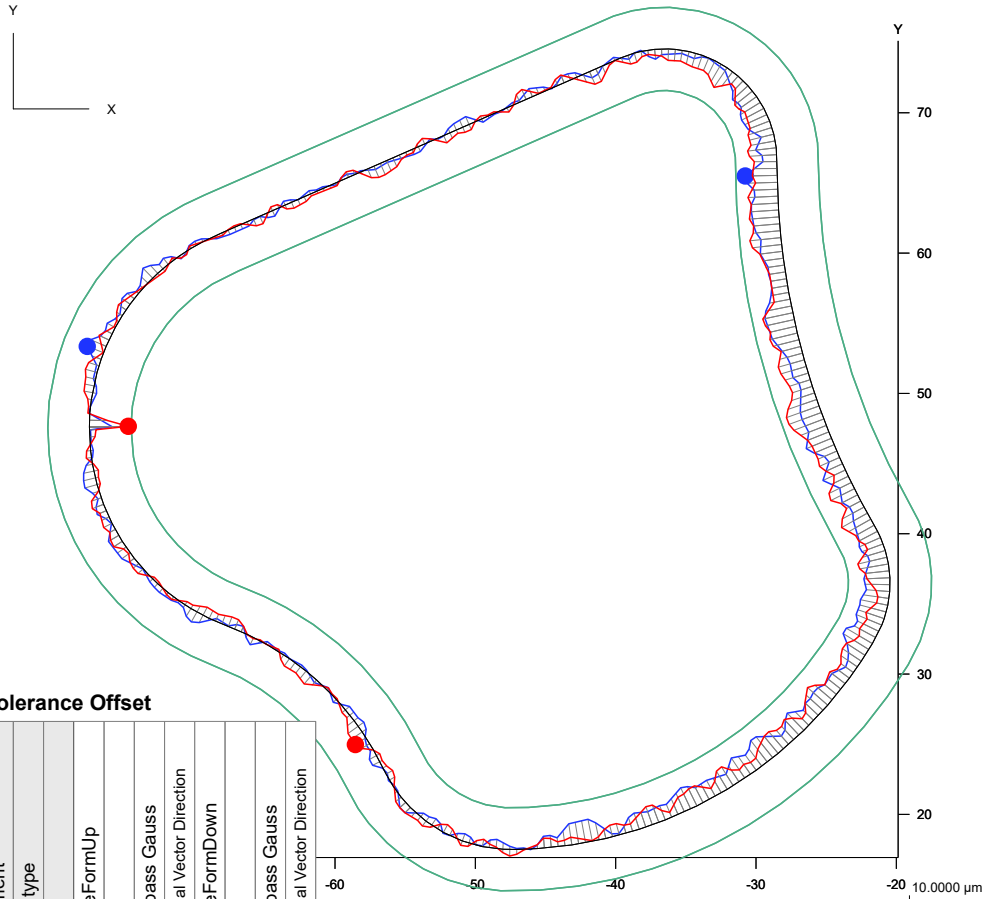
**Inspection** CurveOffset / CurveBlock  
**Order-No** Prog  
**Inc-Part-No** 41

**Drawing-No** 123-456-789 / 01.01.2024  
**CMM-No** 000000 **MPEe =** 1.5 ± L / 400  
**Machine-No** 5\_Axis-1 **RunTime** 00:00:01.0

Location

**CurveFormUp**

**CurveFormUp\_Offset**



**no Tolerance Offset**

Characteristic	Comment	Filter type	CurveFormUp	Low-pass Gauss	Nominal Vector Direction	CurveFormDown	Low-pass Gauss	Nominal Vector Direction
Range	[μm]		<b>6.534</b>			<b>6.812</b>		
Tolerance	[μm]		<b>11.000</b>			<b>11.000</b>		
λc	[mm]		2.5 -			2.5 -		
Min	[μm]		-4.219			-5.140		
Max	[μm]		2.315			1.672		
Points			359			359		
Sigma	[μm]		1.775			1.879		
L-Tol	[mm]		-5.50000			-5.50000		
U-Tol	[mm]		5.50000			5.50000		

BestFit CurveFormDown			BestFit CurveFormUp		
	Trans	Rot		Trans	Rot
X	0.00000	0.00000	X	0.00000	0.00000
Y	0.00000	0.00000	Y	0.00000	0.00000
Z	0.00000	0.00000	Z	0.00000	0.00000

**ToleranceOffset = -1.41214 [μm]**

Characteristic	Comment	Filter type	CurveFormUp_Offset	Tolerance Offset: -0.0014	Low-pass Gauss	Nominal Vector Direction	CurveFormDown_Offset	Tolerance Offset: -0.0014	Low-pass Gauss	Nominal Vector Direction
Range	[μm]		<b>6.534</b>				<b>6.812</b>			
Tolerance	[μm]		<b>11.000</b>				<b>11.000</b>			
λc	[mm]		2.5 -				2.5 -			
Min	[μm]		-4.219				-5.140			
Max	[μm]		2.315				1.672			
Points			359				359			
Sigma	[μm]		1.775				1.879			
L-Tol	[mm]		-6.91214				-6.91214			
U-Tol	[mm]		4.08786				4.08786			

BestFit CurveFormDown_Offset			BestFit CurveFormUp_Offset		
	Trans	Rot		Trans	Rot
X	0.00000	0.00000	X	0.00000	0.00000
Y	0.00000	0.00000	Y	0.00000	0.00000
Z	0.00000	0.00000	Z	0.00000	0.00000

**Company**

**Linear CurveForm without & with Offset**

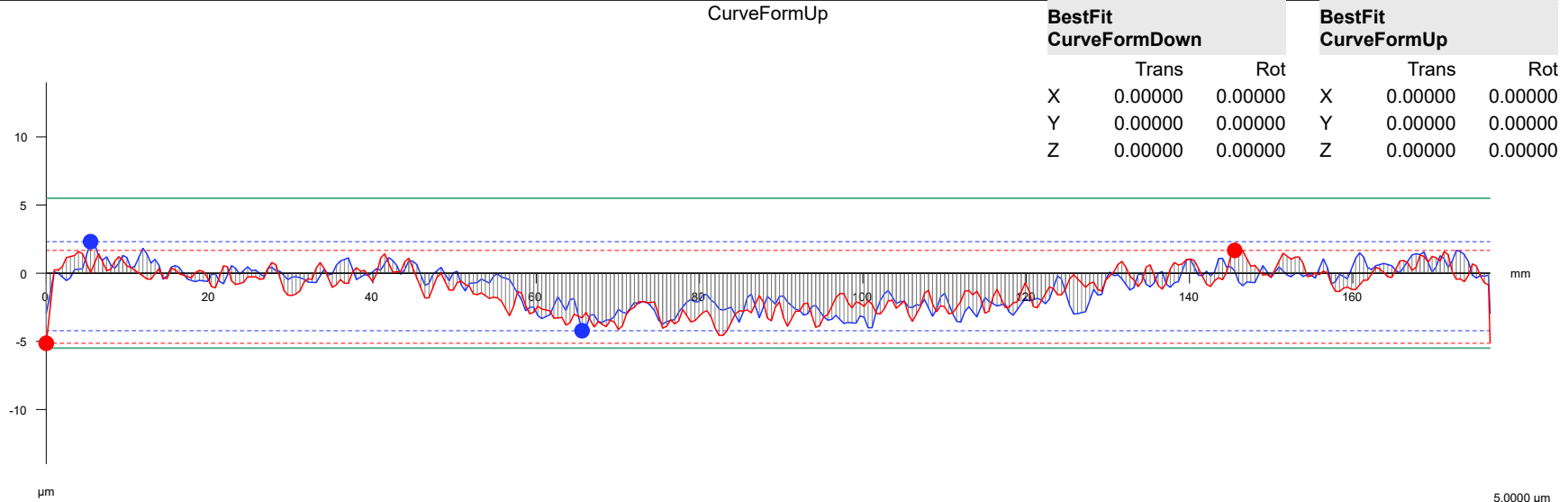
**Date** 2/16/2024 12:48 PM  
 Last 1 measurements  
 No Char 19  
 No Char Red 0  
**Operator** Master

**Inspection** CurveOffset / CurveBlock  
**Order-No** Prog  
**Inc-Part-No** 41

**Drawing-No** 123-456-789 / 01.01.2024  
**CMM-No** 000000 **MPEe =** 1.5 ± L / 400  
**Machine-No** 5\_Axis-1 **RunTime** 00:00:01.0

**no Tolerance Offset**

Characteristic	Comment	Filter type	CurveFormUp	Low-pass Gauss	Nominal Vector Direction	CurveFormDown	Low-pass Gauss	Nominal Vector Direction
Range	[μm]		<b>6.534</b>			<b>6.812</b>		
Tolerance	[μm]		<b>11.000</b>			<b>11.000</b>		
λc	[mm]		2.5 -			2.5 -		
Min	[μm]		-4.219			-5.140		
Max	[μm]		2.315			1.672		
Points			359			359		
Sigma	[μm]		1.775			1.879		
L-Tol	[mm]		-5.50000			-5.50000		
U-Tol	[mm]		5.50000			5.50000		



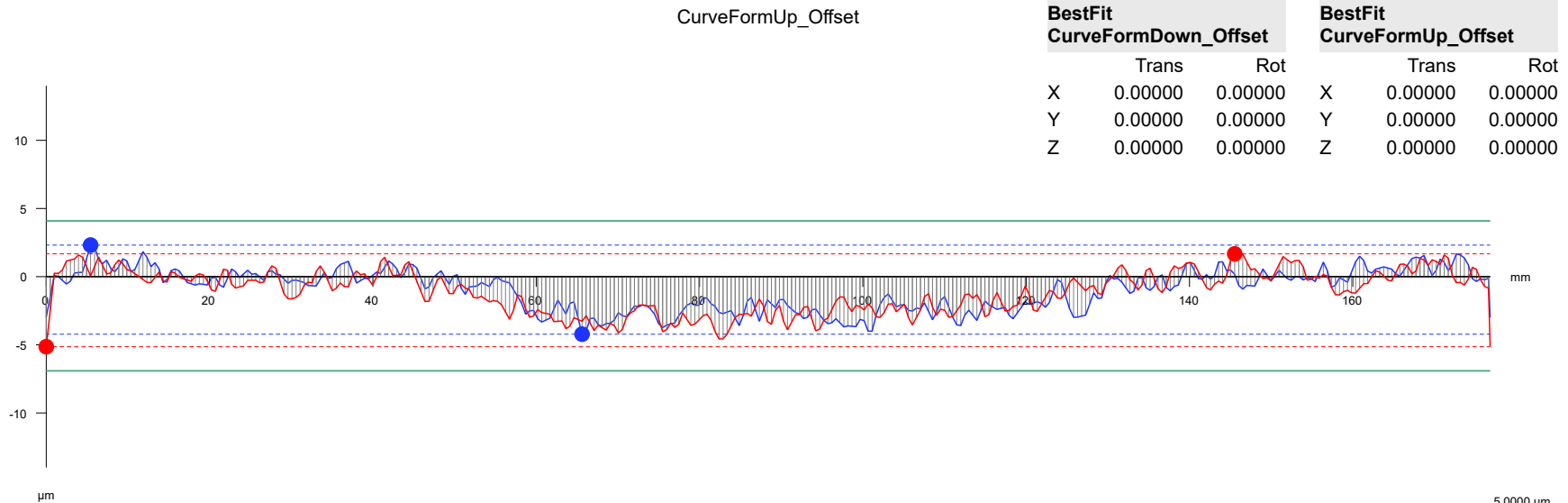
	BestFit CurveFormDown		BestFit CurveFormUp	
	Trans	Rot	Trans	Rot
X	0.00000	0.00000	X	0.00000
Y	0.00000	0.00000	Y	0.00000
Z	0.00000	0.00000	Z	0.00000

CurveFormDown

5.0000 μm  
2000 : 1

**ToleranceOffset = -1.41214 [μm]**

Characteristic	Comment	Filter type	CurveFormUp_Offset	Tolerance Offset: -0.0014	Low-pass Gauss	Nominal Vector Direction	CurveFormDown_Offset	Tolerance Offset: -0.0014	Low-pass Gauss	Nominal Vector Direction
Range	[μm]		<b>6.534</b>				<b>6.812</b>			
Tolerance	[μm]		<b>11.000</b>				<b>11.000</b>			
λc	[mm]		2.5 -				2.5 -			
Min	[μm]		-4.219				-5.140			
Max	[μm]		2.315				1.672			
Points			359				359			
Sigma	[μm]		1.775				1.879			
L-Tol	[mm]		-6.91214				-6.91214			
U-Tol	[mm]		4.08786				4.08786			



	BestFit CurveFormDown_Offset		BestFit CurveFormUp_Offset	
	Trans	Rot	Trans	Rot
X	0.00000	0.00000	X	0.00000
Y	0.00000	0.00000	Y	0.00000
Z	0.00000	0.00000	Z	0.00000

CurveFormDown\_Offset

5.0000 μm  
2000 : 1