		<h1>INSPECTION REPORT</h1>		Customer: <b>IAA</b> Page 1/4 <b>+ 0 appendix</b>	
Ref.: WS-PVC5917-A		Project: SLICER MAAT		File nb: 24906	
Date: 17 Apr. 2024		Title: Inspection before coating		Order n: -	
Project manager: LAPERE, M. Vincent		Piece: MAAT Slit Mirror 1 Reference: 23160-113-F301      SN: 1			
Applicable documents. : (drawing, documents...) Indicate the issue		Drawing n° 23160-113-F301			
Distribution list: Files, Customer				Original: QA	

Inspection before coating

Parameter	Requirement	Value	Compliance	Comment
Material	Silica	Silica	C	-
Length (mm)	42 +/-0.5	42.02	C	
Width (mm)	38 +/-0.5	38.02	C	
Thickness (mm)	18 +/-0.5	18.463	C	
Tangential Radius (along length)	192.397 +/- 1%	191.59	C	
Sagittal Radius (along width)	145.975 +/- 1%	145.53	C	
Wedge along Length	< 3arcmin (35µm over 40mm)	0.6 arcmin	C	
Wedge along width	< 3arcmin (35µm over 40mm)	1.15 arcmin	C	
Clear aperture	20x20 centered	20x20	-	
Shape error over CA	80nm RMS (Goal 40nm RMS)	59 nm RMS	C	
Aspect	60/40 (Goal 20/10)	Nothing to report	C	
Roughness	3nm RMS (Goal 1.5nm RMS)	0.84 nm RMS	C	

Control Result		Statement		
Compliant:	1	<input type="checkbox"/> under restriction	Accepted:	1
Non-compliant:	0	Request for waiver ref.:	Refused:	0
Observation:				
	Inspector	Project Manager	Quality Manager	
Date and Signature	01/10/2024	01/10/2024	01/10/2024	
	<b>X</b> Aurélie Monier	<b>X</b> Vincent LAPERE	<b>X</b> Richard Holowczak	
	Inspector	Project Manager	Quality	
	Signé par : amonier	Signé par : vlapere	Signé par : Holowczak Richard	



# INSPECTION REPORT

Customer:

IAA

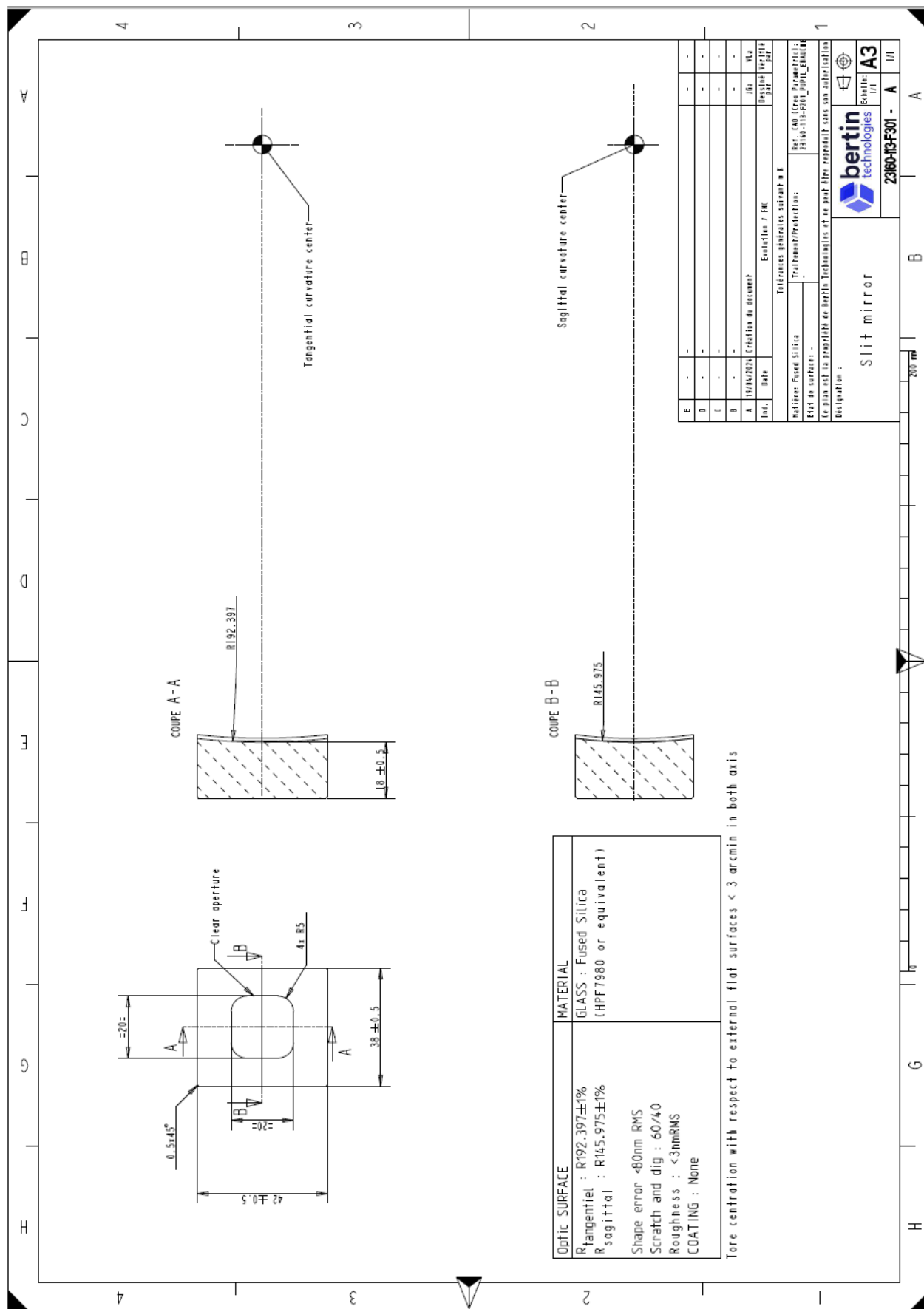
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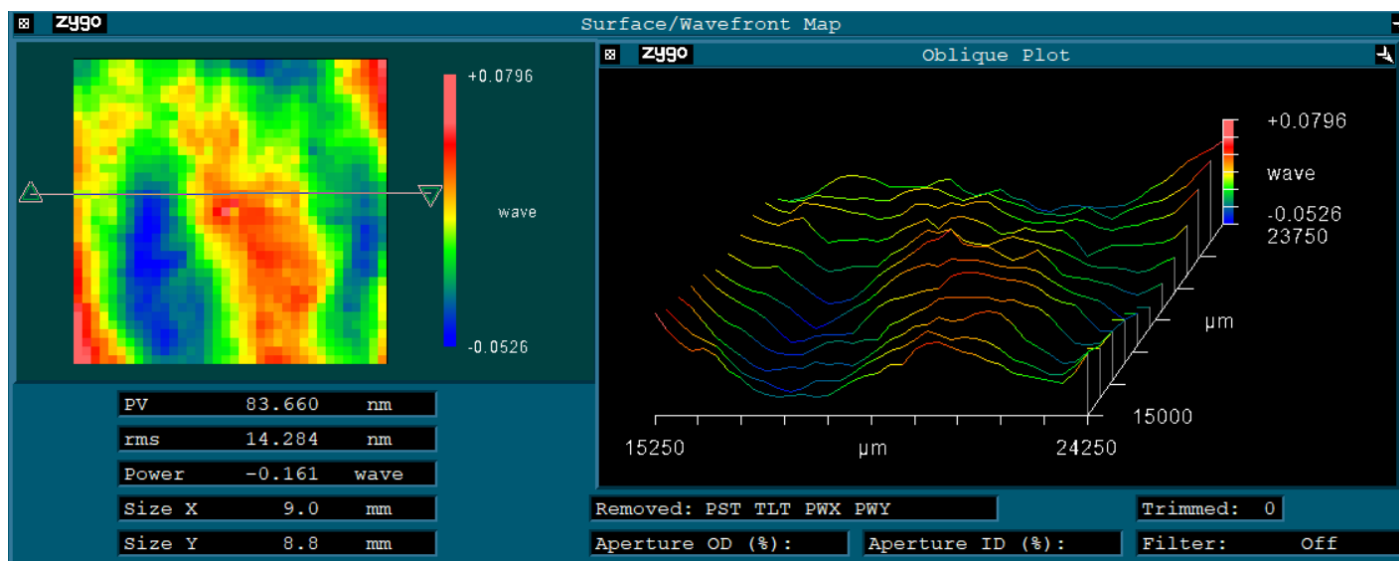
Ref.: WS-PVC5917-A

Project Name: SLICER MAAT

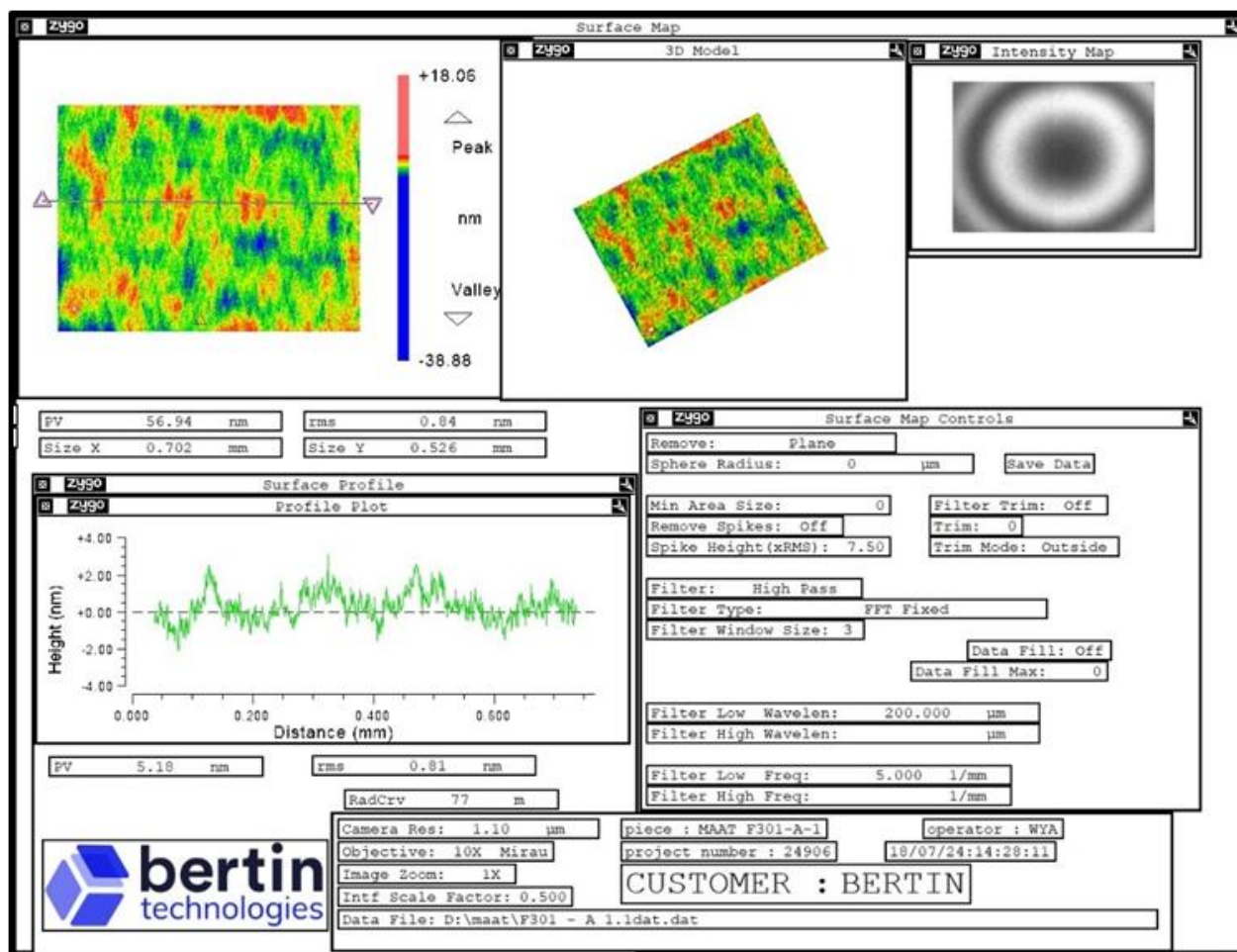
File nb: 24906



Mirror drawing



Surface Front Error



Roughness

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Ref.: WS-PVC5917-A

Project Name: SLICER MAAT

File nb: 24906

## List of measuring tools:

Instrument n°	Instrument designation	Accuracy	Calibration validity date	Reference of the calibration report	Measurement tool used on
WX-APO052	Pied à coulisse 150 mm	$\pm 0,01$ mm	25/04/2025	<u>WS-PVE425-A</u>	22/08/2024
WO-APO067	Unité d'affichage + Palpeur Sylvac	Er. Ind.: $3\mu\text{m}$ Er. Rep.: $1\mu\text{m}$	22/10/2024	<u>WS-PVE378-A</u>	22/08/2024
WS-APO027	Nanomefos	Voir PVE	25/10/2024	<u>WS-PVE428-A</u>	05/09/2024
WX-APO001	Rugosimètre 7300 - Zygo NewView	$\pm 0.09$ Å RMS	27/03/2025	<u>WS-PVE419-A</u>	27/08/2024
BT-APO002	Stylo optique CHR Mini OEM + sonde -2	$\pm 0,5$ mm	24/02/2031	<u>WS-PVE464-A</u>	26/08/2024