		<h1>INSPECTION REPORT</h1>		Customer: <b>IAA</b> Page 1/4 <b>+ 0 appendix</b>	
Ref.: WS-PVC5913-A		Project: SLICER MAAT		File nb: 24906	
Date: 27 Sep. 2024		Title: Inspection before coating		Order n: -	
Project manager: LAPERE, M. Vincent		Piece: MAAT mirror Reference: 23160-112-F322      SN: 1			
Applicable documents. : (drawing, documents...) Indicate the issue		Drawing n° 23160-112-F322- A			
Distribution list: Files, Customer				Original: QA	

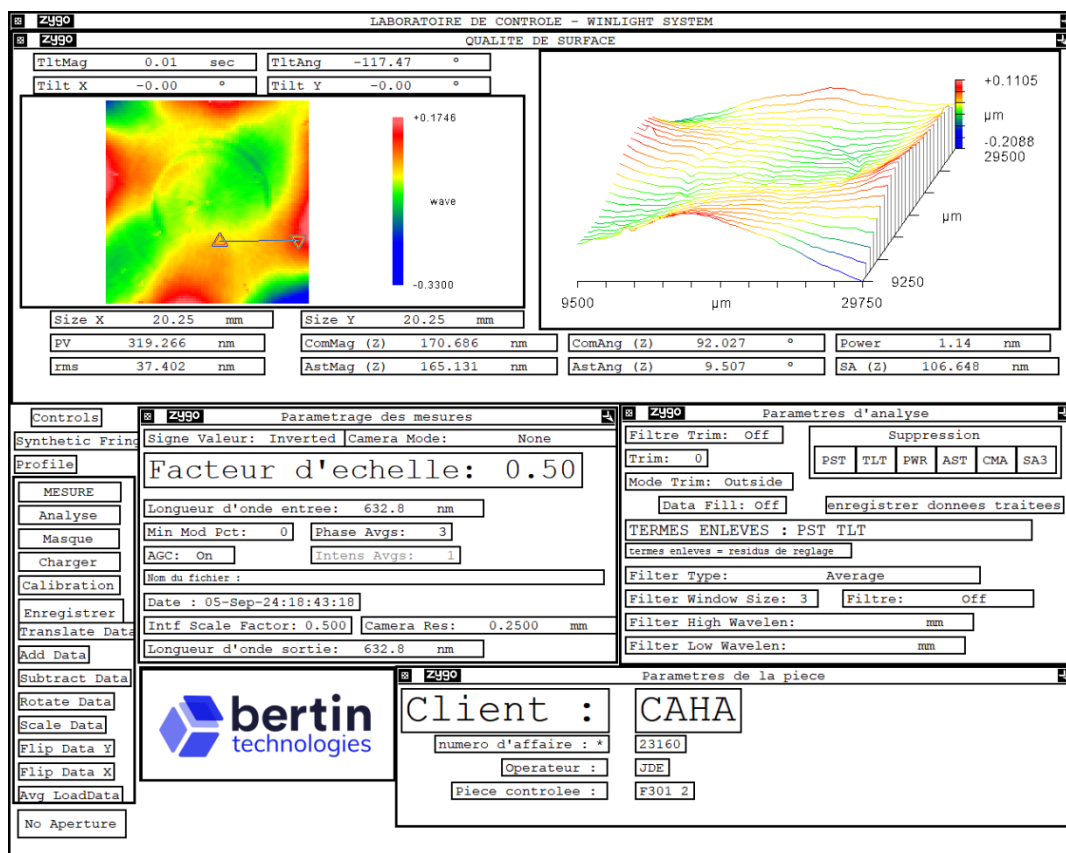
Inspection before coating

Parameter	Requirement	Value	Compliance	Comment
Material	Fused Silica	Fused Silica	C	-
Length (mm)	42 +/-0.5	42.05	C	
Width (mm)	38 +/-0.5	38.10	C	
Thickness (mm)	20 +/-0.5	20.49	C	
Tangential Radius (along length)	104.151 mm +/-1%	104.36	C	
Sagittal Radius (along width)	93.812 mm +/-1%	94.38	C	
Wedge along Length	< 3arcmin (35µm over 40mm)	0.3 arc min	C	
Wedge along width	< 3arcmin (35µm over 40mm)	1.43 arc min	C	
Clear aperture	20x20 centered	> 20x20 centered	C	
Shape error over CA	80nm RMS (Goal 40nm RMS)	37.4 nm RMS	C	
Aspect	60/40 (Goal 20/10)	Nothing to report	C	
Roughness	3nm RMS (Goal 1.5nm RMS)	0.65 nm RMS	C	

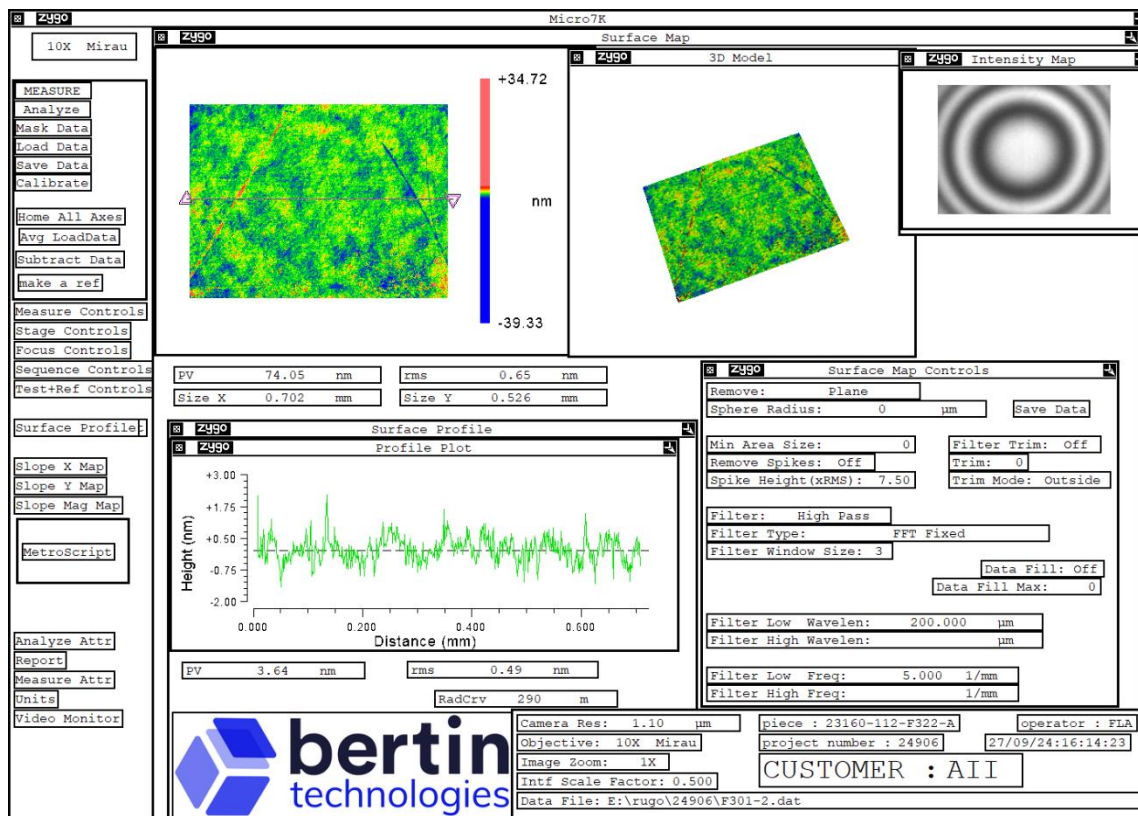
Control Result		Statement		
Compliant:	1	<input type="checkbox"/> under restriction	Accepted:	1
Non-compliant:	0	Request for waiver ref.:	Refused:	0
Observation:				
	Inspector		Project Manager	
	Quality Manager			
Date and Signature	30/09/2024		30/09/2024	
	X Aurélie Monier		X Vincent LAPERE	
	Inspector		Project Manager	
	Signé par : amonier		Signé par : vlapere	
			Quality	
			Signé par : Holowczak Richard	



## Mirror drawing



Surface Front Error



Roughness

# INSPECTION REPORT

Customer:

IAA

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Ref.: WS-PVC5913-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	± 0,01 mm	25/04/2025	<u>WS-PVE425-A</u>	22/08/2024
WO-APO067	Unité d'affichage + Palpeur Sylvac	Er. Ind.: 3µm Er. Rep.: 1µm	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	± 0.09 Å RMS	27/03/2025	<u>WS-PVE419-A</u>	27/08/2024
BT-APO002	Stylo optique CHR Mini OEM + sonde -2	± 0,5 mm	24/02/2031	<u>WS-PVE464-A</u>	26/08/2024