

QUALITY REPORT

PART NUMBER: C004361

DESCRIPTION: DP-200-VIS-UNC

JOB NO: 37177

CUSTOMER: UCAR

Part Serial Number	Spec.	H21361	H21362	H21363	H21364	H21365
Finished Dimensions	2.00" +0/-0.010"	PASS	PASS	PASS	PASS	PASS
Part Thickness	0.50" nom	PASS	PASS	PASS	PASS	PASS
Operating Wavelength Range	400-700	PASS	PASS	PASS	PASS	PASS
Surface Quality (Scr/Dig)	40/20	PASS	PASS	PASS	PASS	PASS
Clear Aperture	1.60"	PASS	PASS	PASS	PASS	PASS
Beam Deviation	≤ 1 arc min	28.5 secs	13.8 secs	19.2 secs	6.11 secs	28.3 secs
Trans. Wavefront @633 nm PV	≤ L/5	.116	.134	.145	.124	.116
Pass/Fail Reason		PASS	PASS	PASS	PASS	PASS

Date: 9-2-21

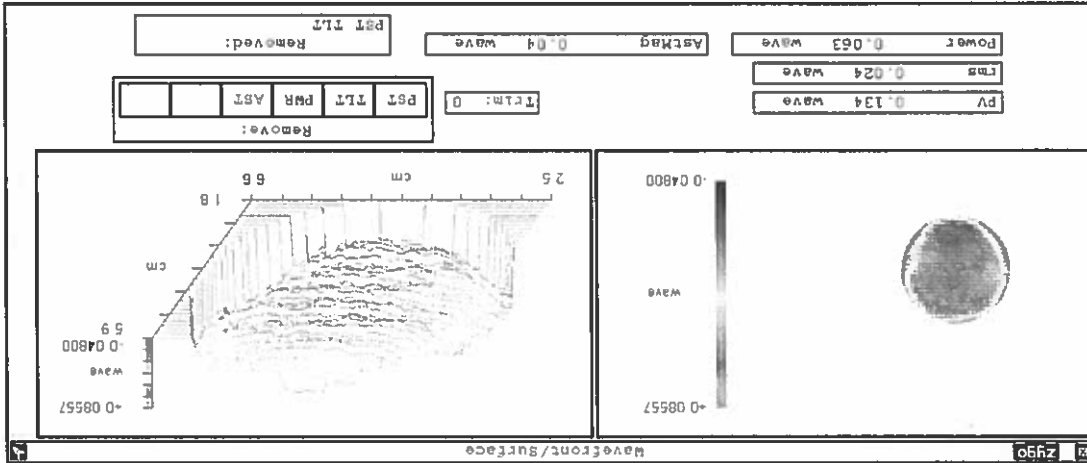
QC Sign

comment:

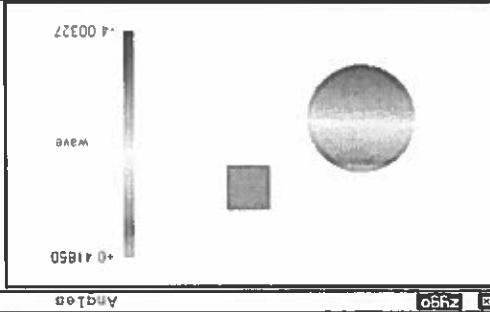
Report
Process
Vidion (Bedge)
Vidion (Angle)

Zygo Measure Controls
Setup Type: Wedge (Trans)
Refractive Index: 1.514000

Zygo Measure Attributes
Thu Sep 02 10:16:20 2021
Setup Type: Wedge (Trans)
Refractive Index: 1.514000
Camera Res: 0.3973 mm
M21362

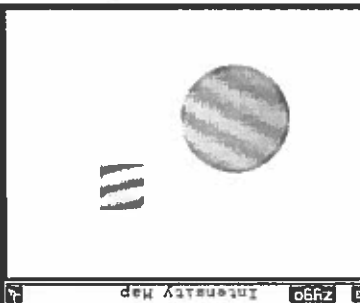


MEASURE
Analyze
Mark Data
Calibrate
Save Data
Load Data
Reset
Beam Dev



Zygo

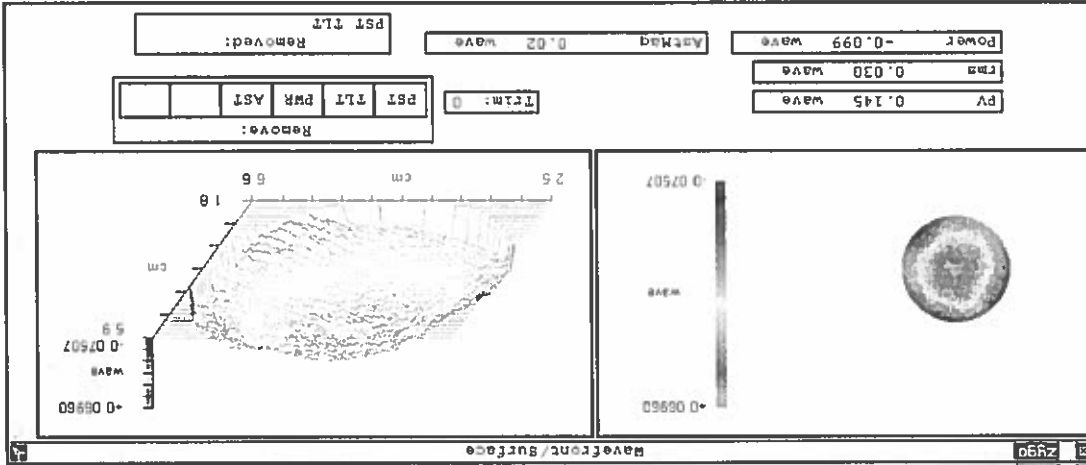
Wedge Hgt: 27.45 sec
Wedge Ang: 87.85 °
Angle Etc: sec
Beam Deviation: 13.81723 sec
Tilt: 0



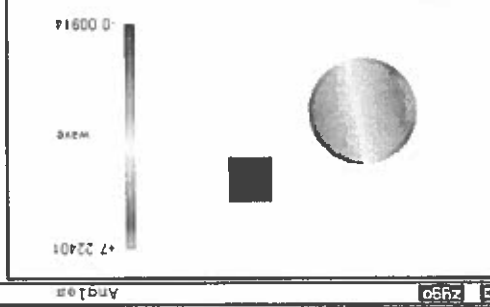
Report
Process
View (Wedge)
View (Angle)

Zygo Measure Controls
Refractive Index: 1.514000
Setup Type: Wedge (Trans)

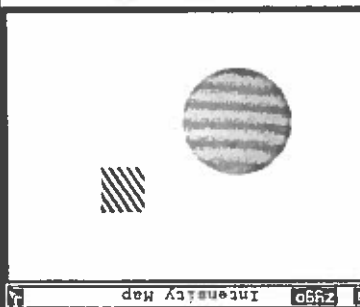
Zygo Measure Attributes
The Sep 02 10:19:48 2021
Setup Type: Wedge (Trans)
Refractive Index: 1.514000
Camera Res: 0.3973 mm



Beam Aperture
MEASURE
ANALYZE
Mask Data
Calibrate
Save Data
Load Data
Reset
Beam Dev



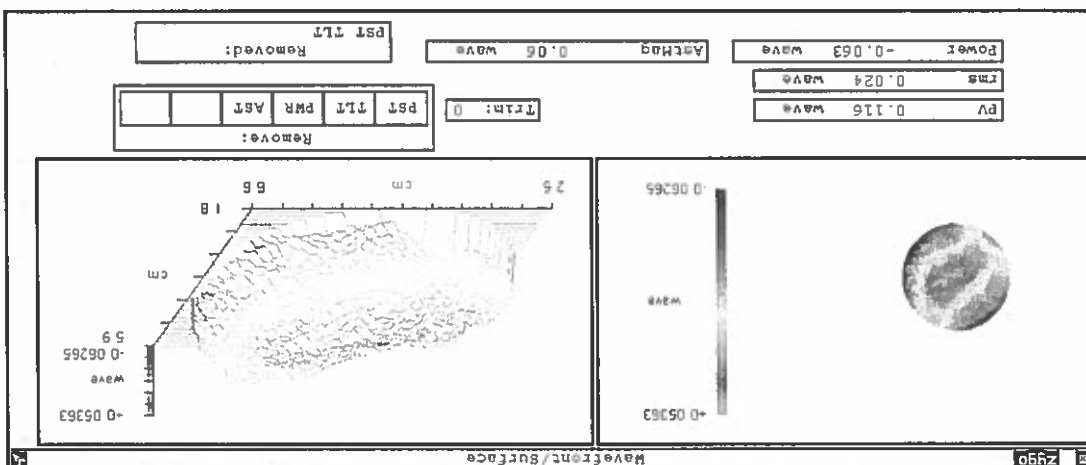
Zygo Angle
Wedge Hq: 37.76 sec
Wedge Ang: -168.31
Angle Err: sec
Beam Deviation: 19.28289 sec
Tilt: 0



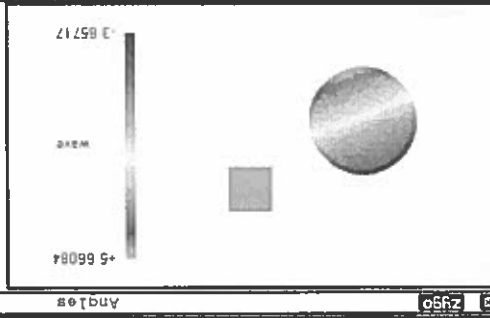
Report
Process
VidMon (Wedge)
VidMon (Angle)

Zygo Measure Controls
Refractive Index: 1.51400
Setup Type: Wedge (Trans)

Zygo Measure Attributes
Thu Sep 02 10:22:07 2021
Refractive Index: 1.51400
Camera Res: 0.3973 mm



Zygo Beam Aperture
MEASURE
ANALYZE
Mask Data
Calibrate
Save Data
Load Data
Reset
Beam Dev



Zygo Tilt

Wedge Mag: 58.08 sec
Wedge Ang: -68.49 °
Angle Etc: sec
Beam Deviation: 28.33858 sec

Tilt: 0

