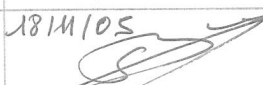
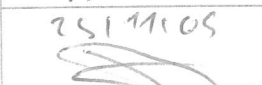
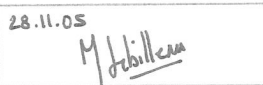
 ASSURANCE QUALITE QUALITY ASSURANCE	<input checked="" type="checkbox"/> PV DE CONTRÔLE INSPECTION REPORT	N° 81825 C Rév. Date :18/11/2005
	<input type="checkbox"/> PV DE MESURE MEASUREMENT REPORT	Page : 1/5 Réf. Projet/Project # :
Diffusion/ Distribution : PC + Client Resp. Aff./ Project manager : FL Original : AQ/QA	Affaire/File : EOST Ensemble/ Assembly : Pièce/ Part : Convex Mirror Plan/ Drawing : 4418/100.F001 Ind. : B	N° dossier /File # : 4418 N° cde/PO # : Qté/ Qty : 1 N°/# : Doc. annexes, PV : Associated doc, IR :

TITRE/TITLE : **INSPECTION FINAL**

DOCUMENTS APPLIC. APPL. DOCUMENTS	Plan SES0 + COM-5189 DEV03 A2	FL n° FL4200
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Spécification	Mesure	Compliant / Not Compliant
Ø 370mm+/-1mm	370.29mm+/-0.05	C
Thickness = 54 +/- 1mm	54.06mm+/-0.05	C
R1 = 1198.56mm +/--1	1198.42mm +/--0.05	C page 3
Cc=-1.507+/-0.002	-1.507mm	C
WFE 40nm Rms WFE 150nm Ptv sur 98% de la ZU	30.74 nm sur ZU 157.8 nm sur 98% de ZU	C page 4 et 5
Engraving 1mm +/-0.2 ⊕ 0.5 par rapport au Ø	0.94*0.92mm No measurement	C
Roughness <20Å	20Å	C
Aspect 60/40	OK	C
Chamfer 1.5mm +/-0.5	1.5mm +/-0.2	C
⊥ 0.1 optical axe ⊙ Ø0.5 optical axe	Casquette 0.04mm (Diameter et face optical)	C

Conforme / Compliant : 1	Non Conforme / Non compliant :		
Accepté / Accepted :	Accep. par déroq. / Accep. by derogation :	Refusé / Rejected :	
Observations / Comments : <i>minor deviations for chamfer and fiducial via impact.</i>			
	Contrôleur/Inspector	Resp. Aff./Project manager	Resp. Qualité/Quality manager
NOM / NAME	BARRAS - S	LEPREIRE F	M. SEBILLEAU
Date / Visa	18/11/05 	25/11/05 	28.11.05 

AQSES0/018.FRM39.C

Spécification	Mesure	Compliant / Not Compliant
3 holes to 120° +/-0.5° on Ø261.6mm+/-1mm	120° 0+/-0.1° 261.58mm +/-0.05	C
3 holes Ø22.5mm+0.5/-0 depth 30mm+1/-0	22.75mm+/-0.05 30.53 mm+/-0.05	C
Chamber of holes 0.5 +/-0.1 mm à 45°	2mm à 45°	NC
Fiducial : 1mm+/-0.1 x25 x 0.5	0.5 +/-0.2 x 25 x no measurement	NC

Contrôle :



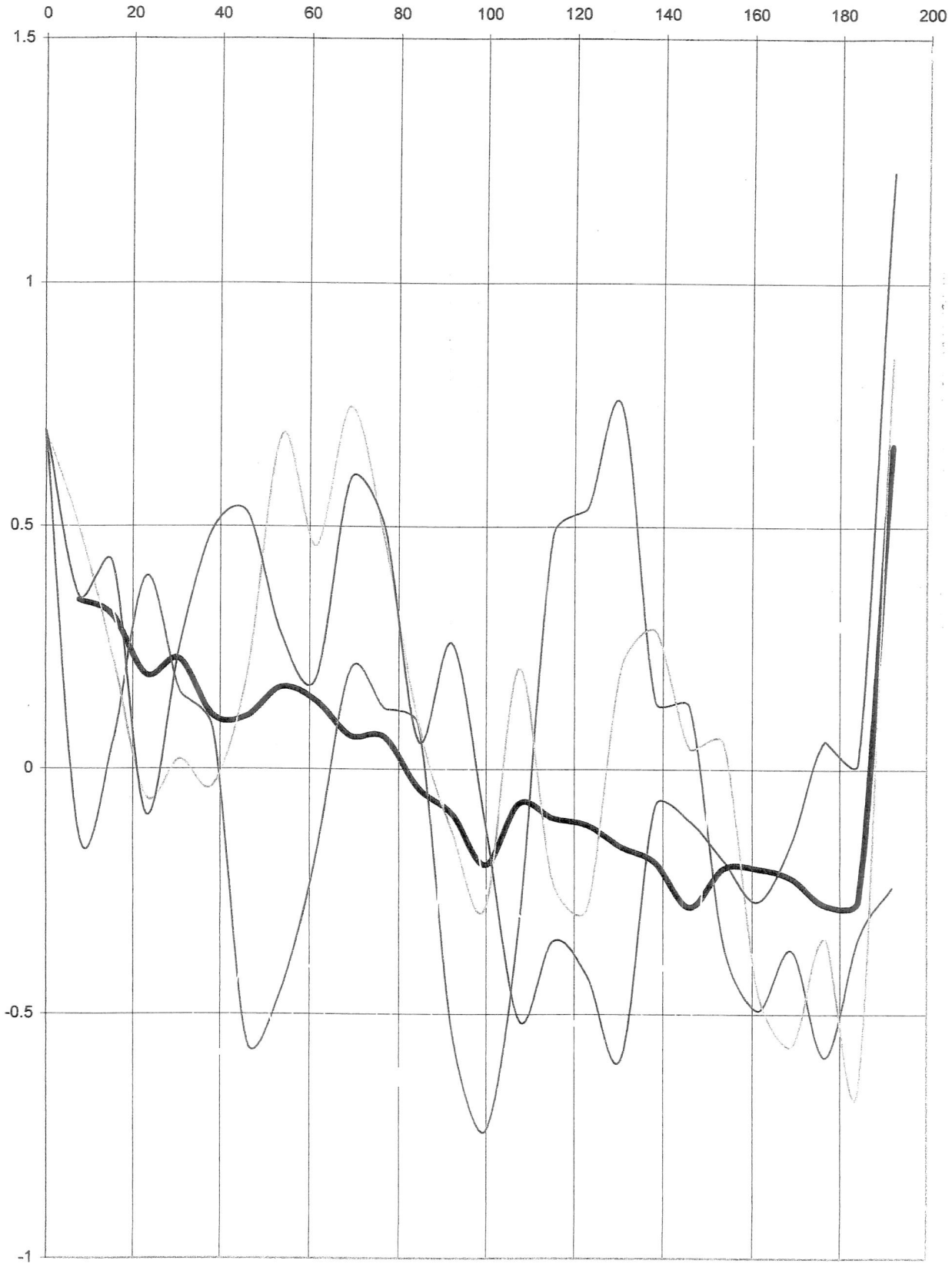
d mesuré = 46.47 +/-0.2 mm

D mesuré = 5530 +/-2 mm

Mesure le 10/10/05

Rayon (mm) : -1198.42

Coefficient : -1.507



Titre / Title: Moyenne 0° et 90°

Note / Note: Diametre total UTILE

parametres de mesure / Measurement Parameters

File	1711MoyenneZU
Wavelength	632.80 nm
Wedge	0.25
X/Y Size	736 X 480
Pupil	100.00 %
Date	11/17/2005
Time	09:45:05

parametres d'analyse / Analysis Parameters

Terms	Tilt
Masks	None
Filtering	No
Data Restore	116698
Valid Points	

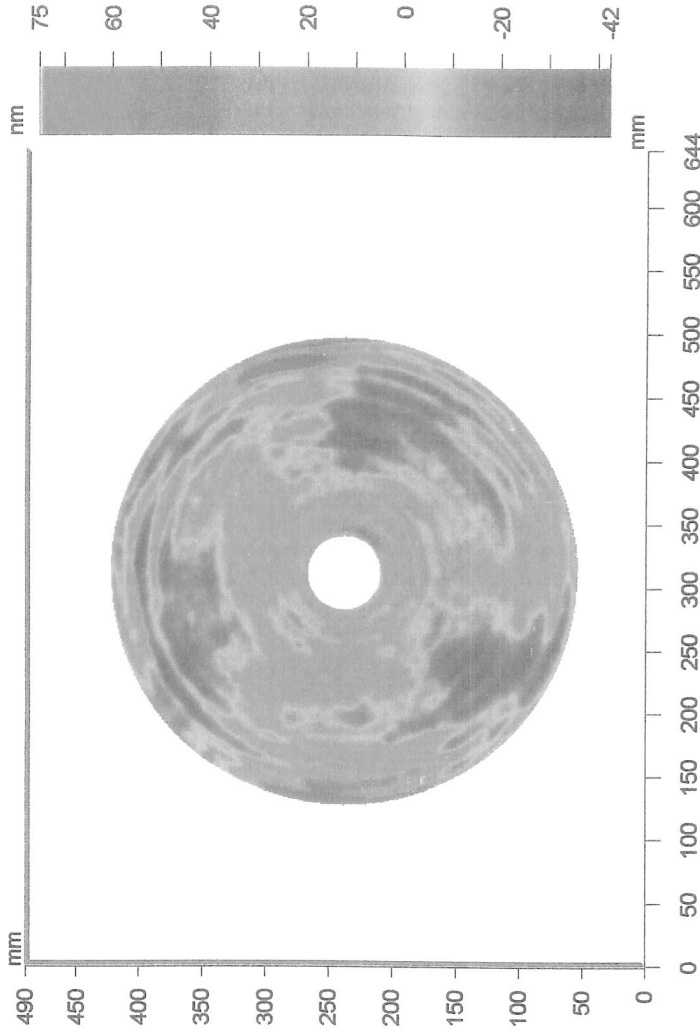
sultats d'analyse / Analysis Results

Pv	117.624 nm
Rms	15.3732 nm
Data Radius	185.0 mm

Seidel Aberrations (8 Term Fit)

Coeff (per radius)	Rms	Angle
Tilt	0.016 wv	121.575 deg
Power	-0.003 wv	0.001 wv
Focus	-0.133 wv	-
Astig	-0.033 wv	0.008 wv
Coma	0.024 wv	0.008 wv
Sa3	0.146 wv	0.043 wv

Contour



Zernike Polynomial Table

Poly Fit	Fit Error	Zernike Polynomial Coefficients (wv)
2 Term	0.024	-0.000
3 Term	0.024	-0.000
8 Term	0.021	-0.001
15 Term	0.018	-0.001
24 Term	0.015	-0.001
36 Term	0.014	-0.001

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Titre / Title: Moyenne 0° et 90° ZU

Note / Note: 98% de ZU

Paramètres de mesure / Measurement Parameters

File	1711Moyenne98ZU
Wavelength	632.80 nm
Wedge	0.25
X/Y Size	736 X 480
Pupil	100.00 %
Date	11/17/2005
Time	09:45:05

Paramètres d'analyse / Analysis Parameters

Terms	Tilt Power
Masks	Analysis Mask
Filtering	None
Data Restore	No
Valid Points	114321

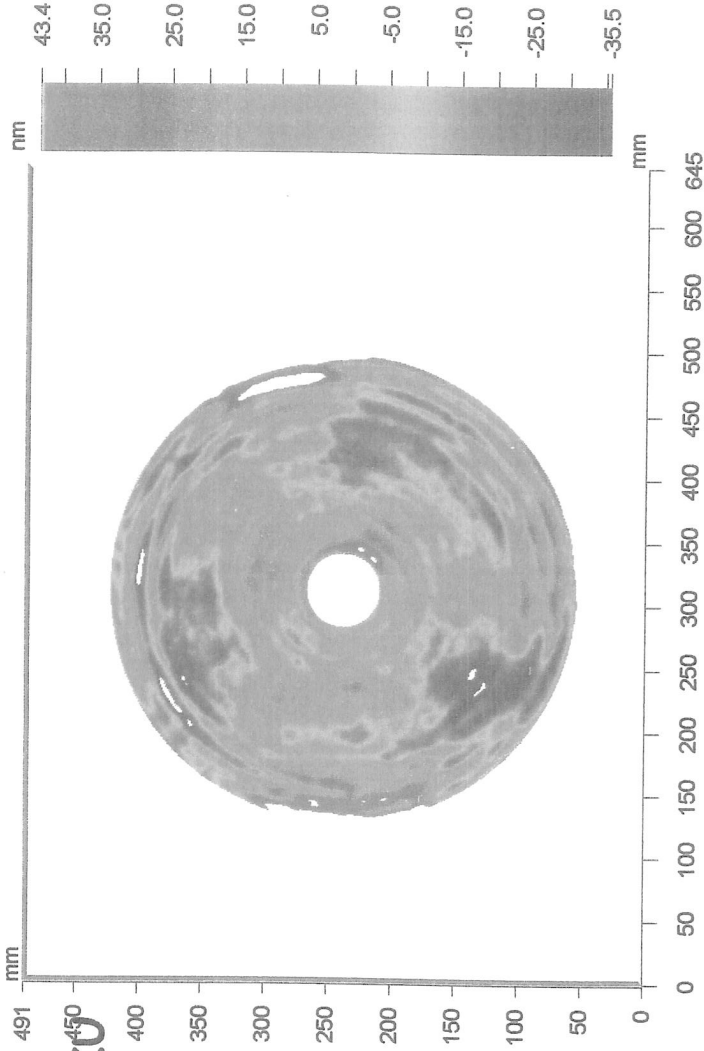
Sultats d'analyse / Analysis Results

Pv	78.974 nm
Rms	13.8809 nm
Data Radius	185.0 mm

Seidel Aberrations (8 Term Fit)

Coeff (per radius)	Rms	Angle
Tilt	0.016 wv	113.357 deg
Power	-0.008 wv	-
Focus	-0.123 wv	-
Astig	-0.023 wv	-87.533 deg
Coma	0.024 wv	-74.435 deg
Sa3	0.126 wv	0.038 wv

Contour



Zernike Polynomial Table

Poly Fit	Fit Error	Zernike Polynomial Coefficients (wv)
2 Term	0.022	-0.003
3 Term	0.022	-0.003 -0.001 -0.004
8 Term	0.019	-0.002 -0.001 -0.004 0.021
15 Term	0.017	-0.003 -0.001 -0.004 0.022 0.003
24 Term	0.014	-0.001 -0.001 -0.003 0.013 0.002
36 Term	0.014	-0.000 -0.000 -0.003 0.014 0.002 0.012 0.019 0.012 0.014 0.000 0.000 -0.000 -0.000 -0.000 0.005 0.014 0.021 0.013 0.000 0.000 0.003 0.003 0.011

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