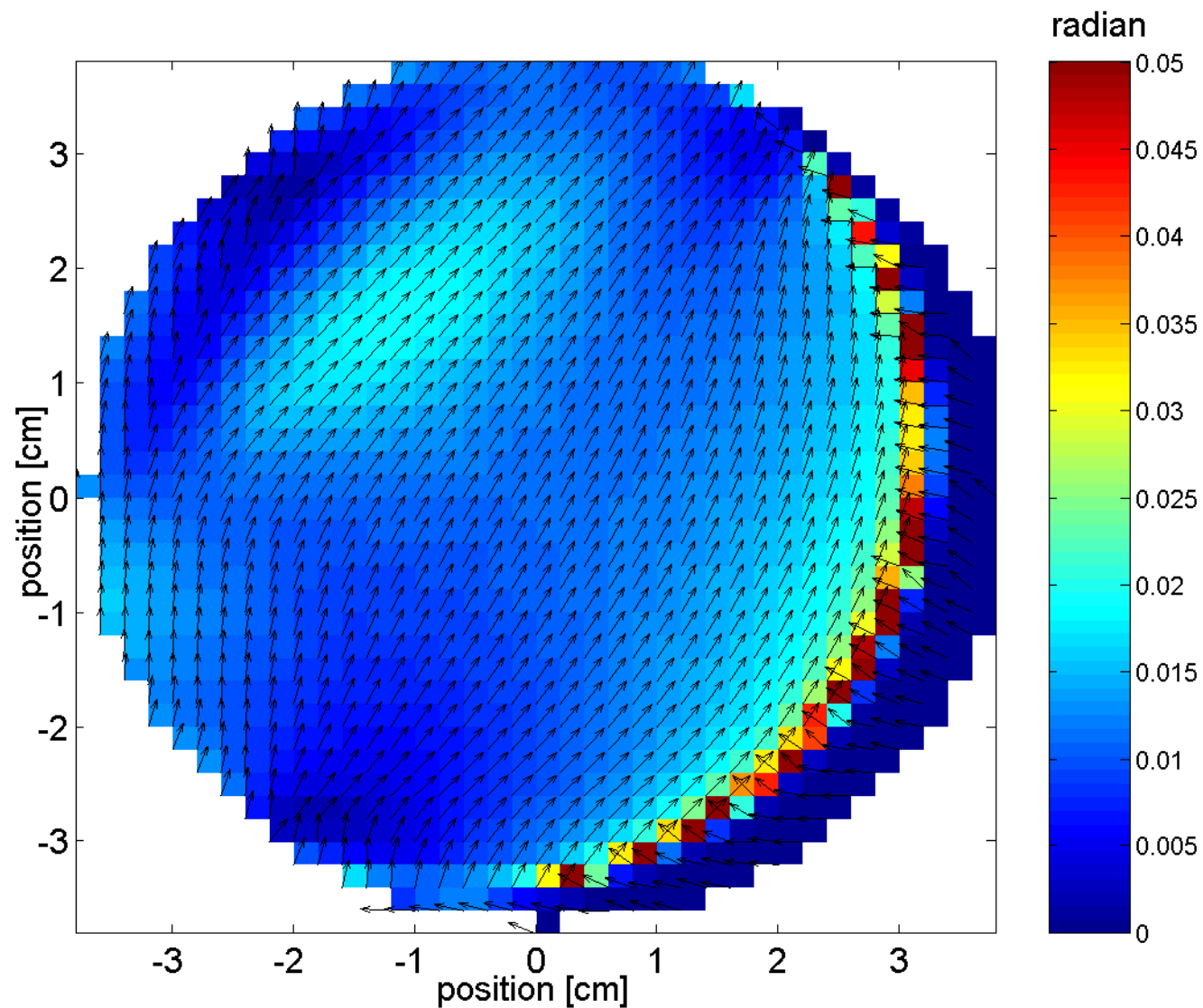
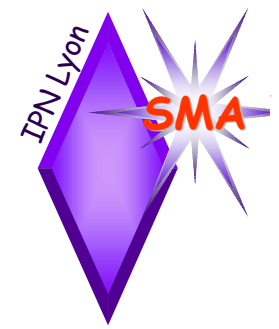
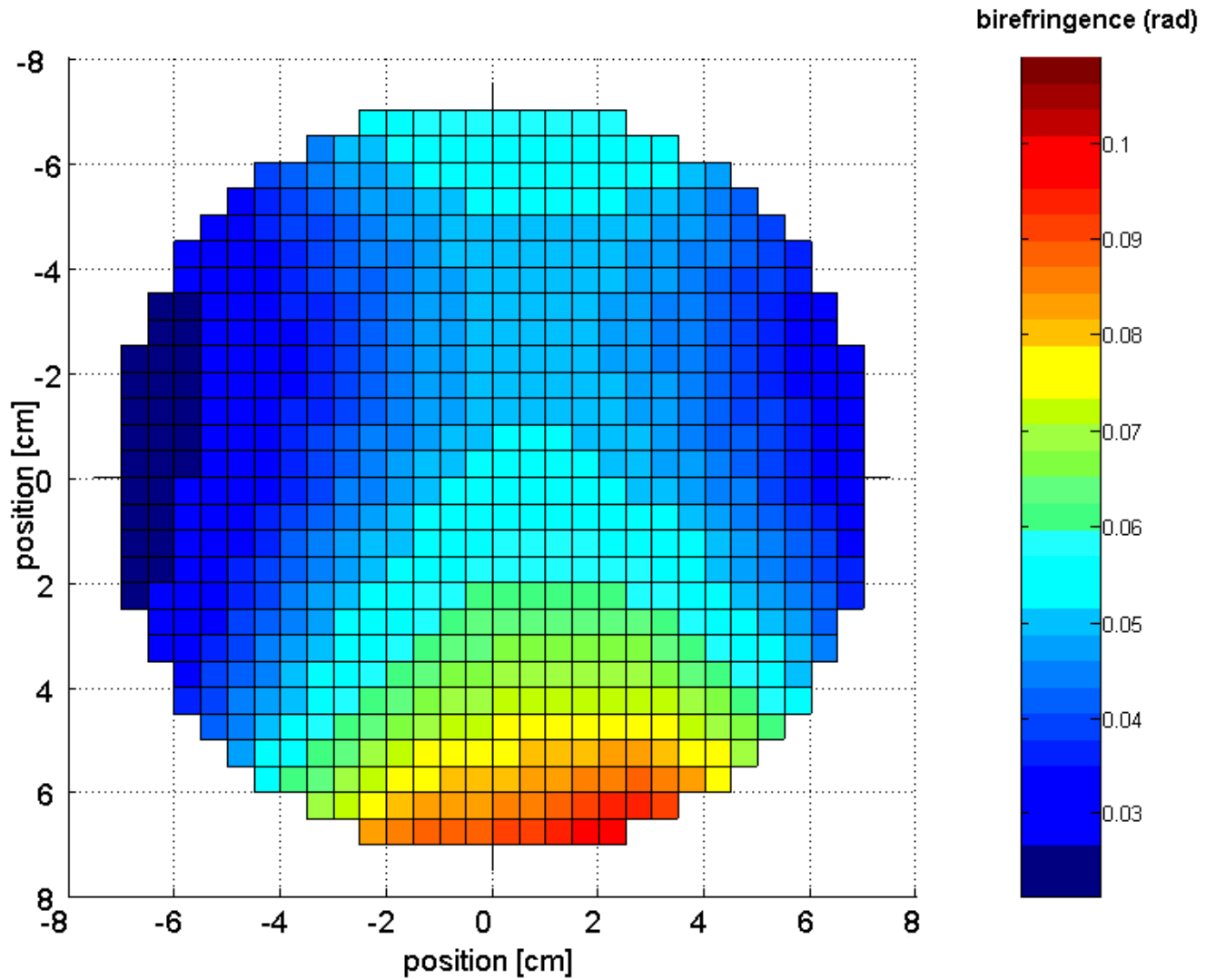




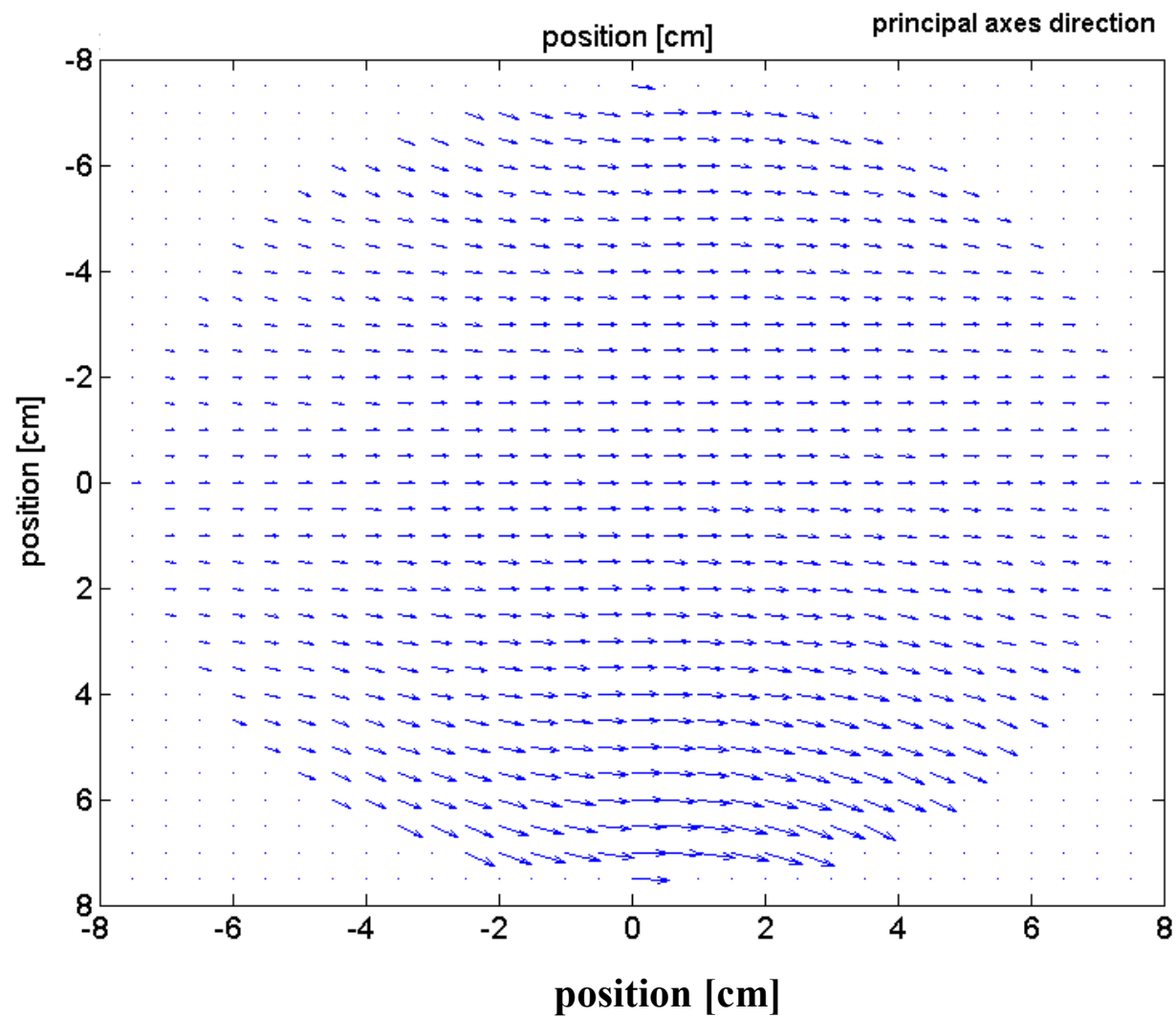
Birefringence map. ϕ 80 mm C01015 SMA mirror



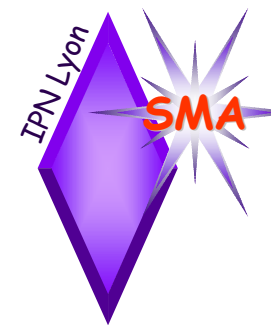
LIGO-T010087-00-D



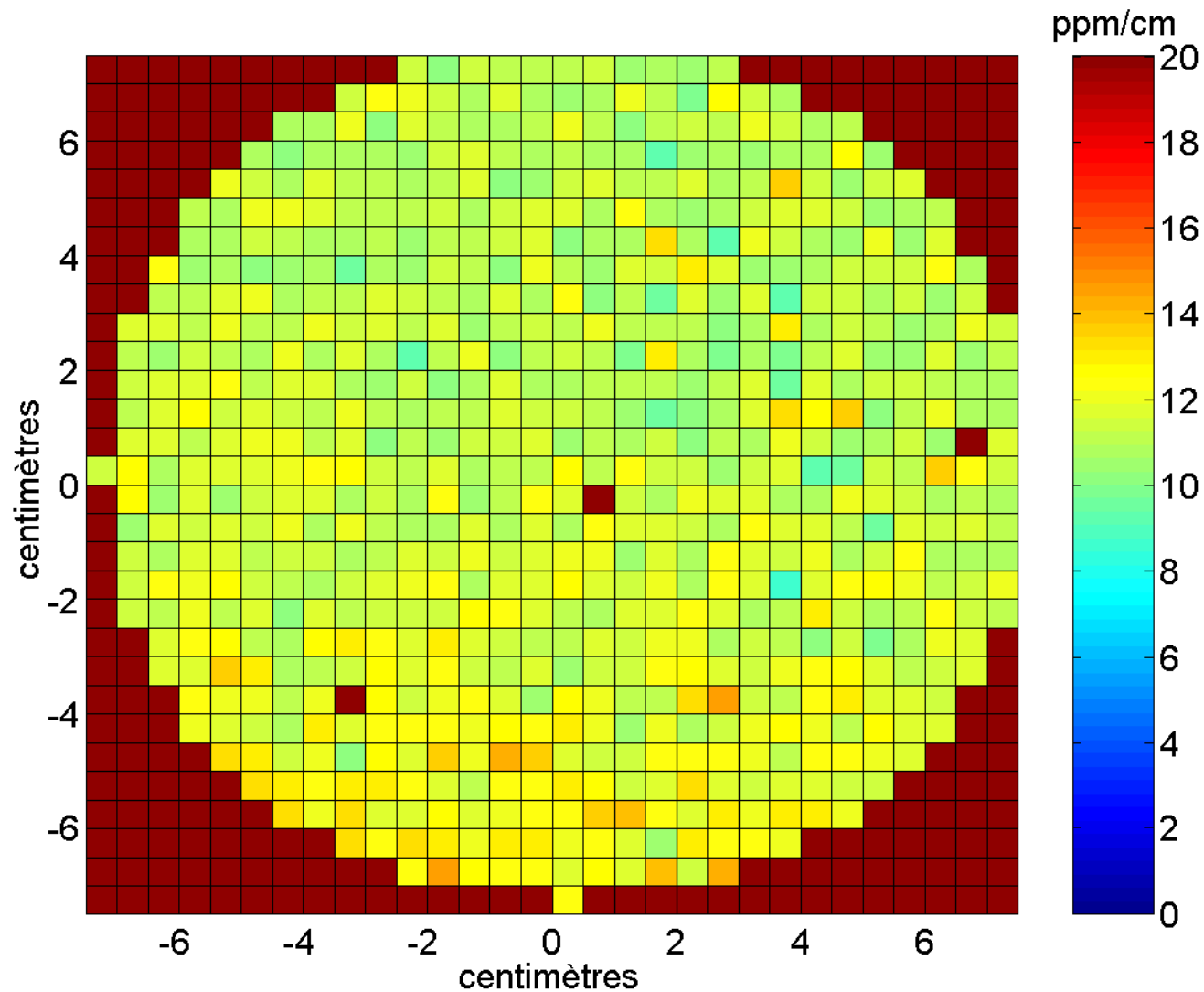
Birefringence map. ϕ 250 mm Ligo substrate



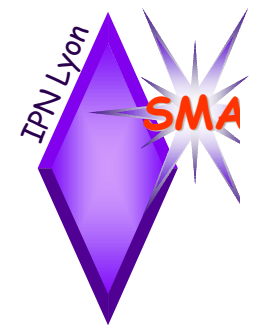
Birefringence map. ϕ 250 mm Ligo substrate



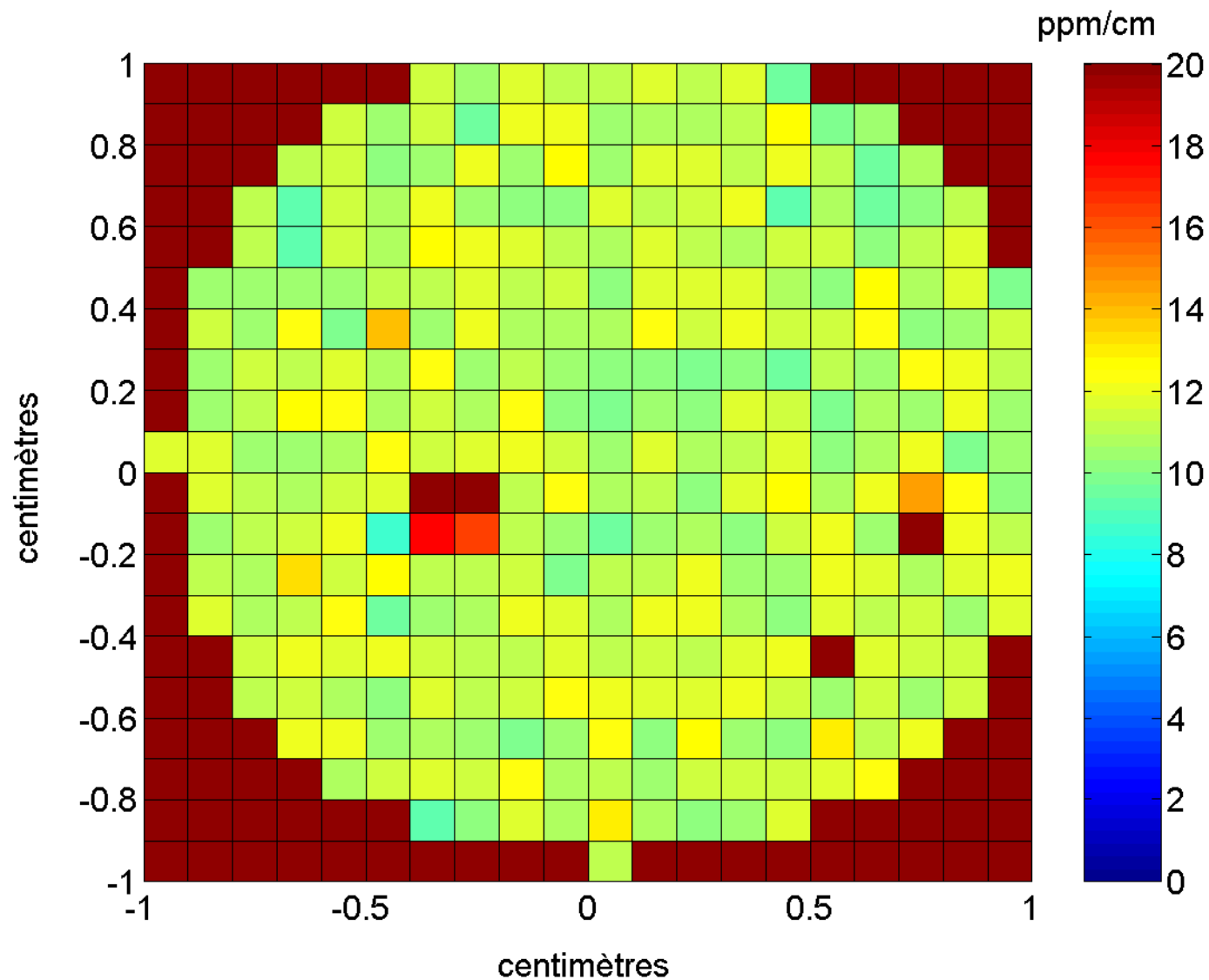
LIGO-T010087-00-D



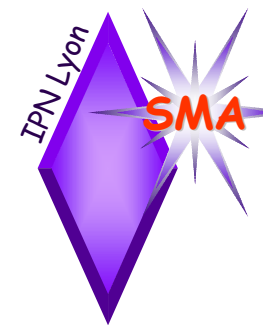
Bulk absorption map. Φ 250 mm Ligo Substrate



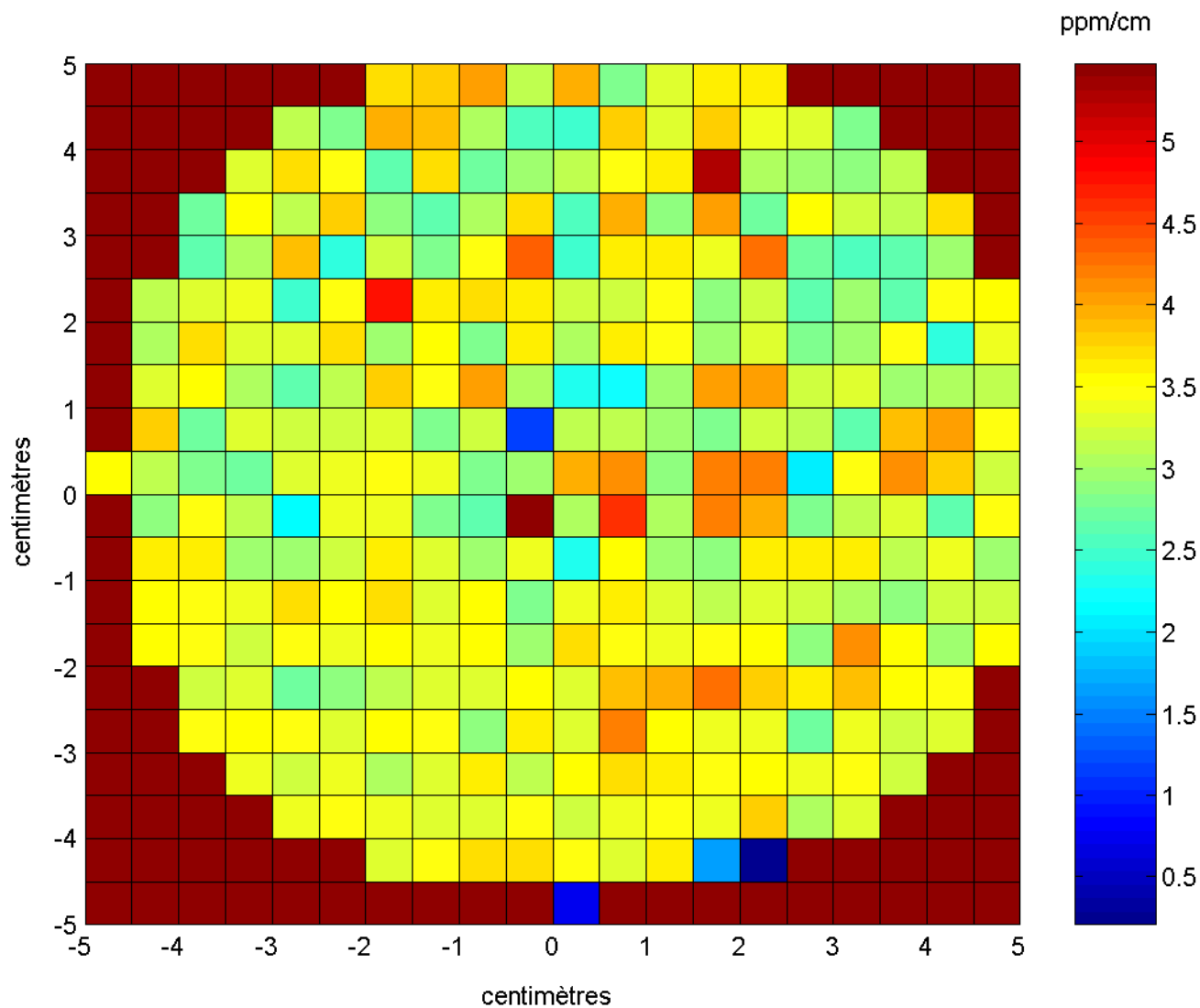
LIGO-T010087-00-D



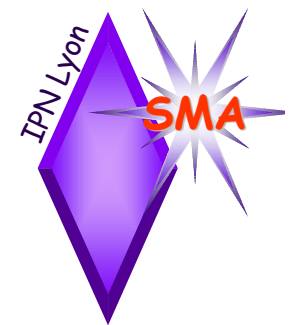
Bulk absorption map. Φ 250 mm Ligo Substrate



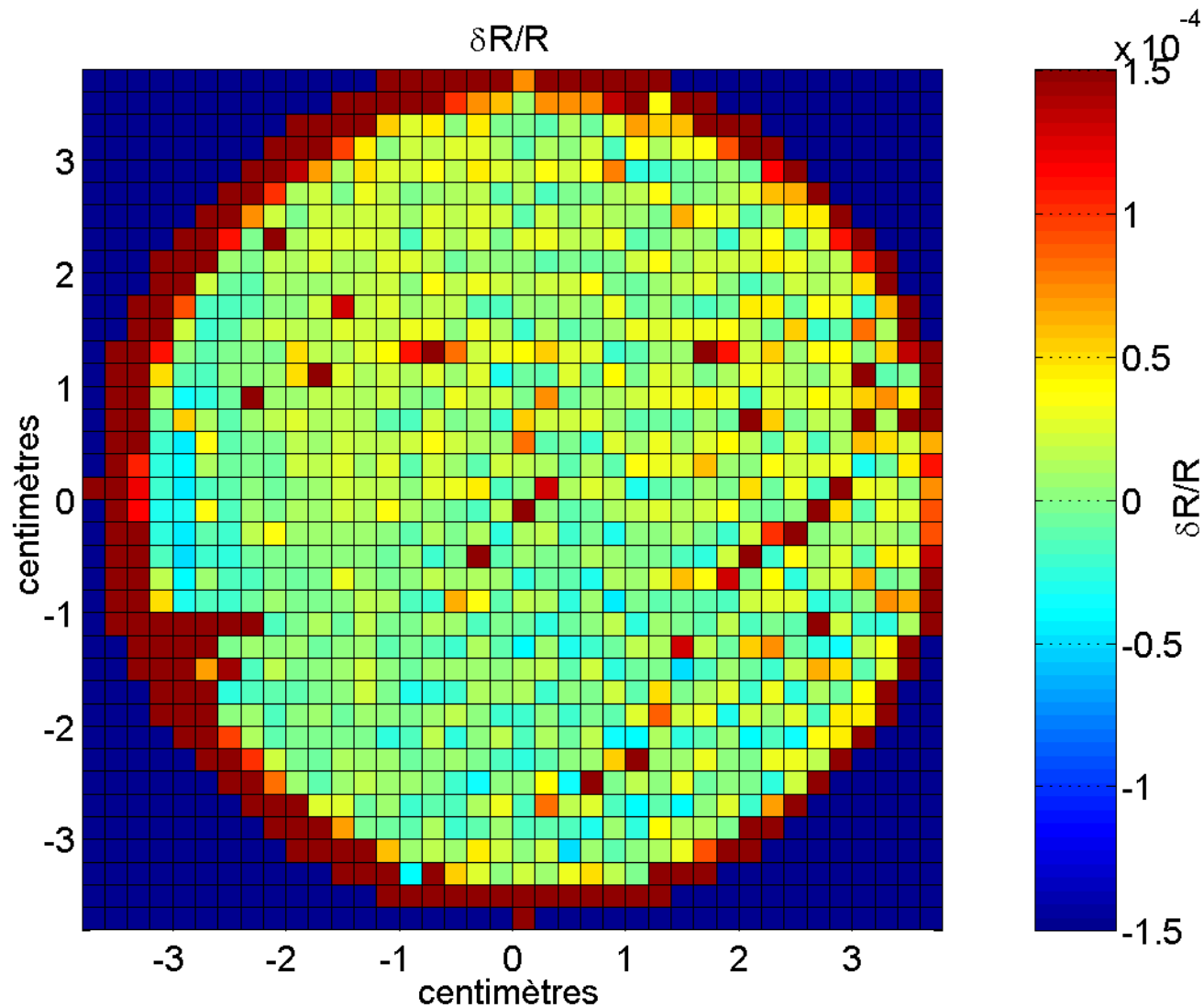
LIGO-T010087-00-D



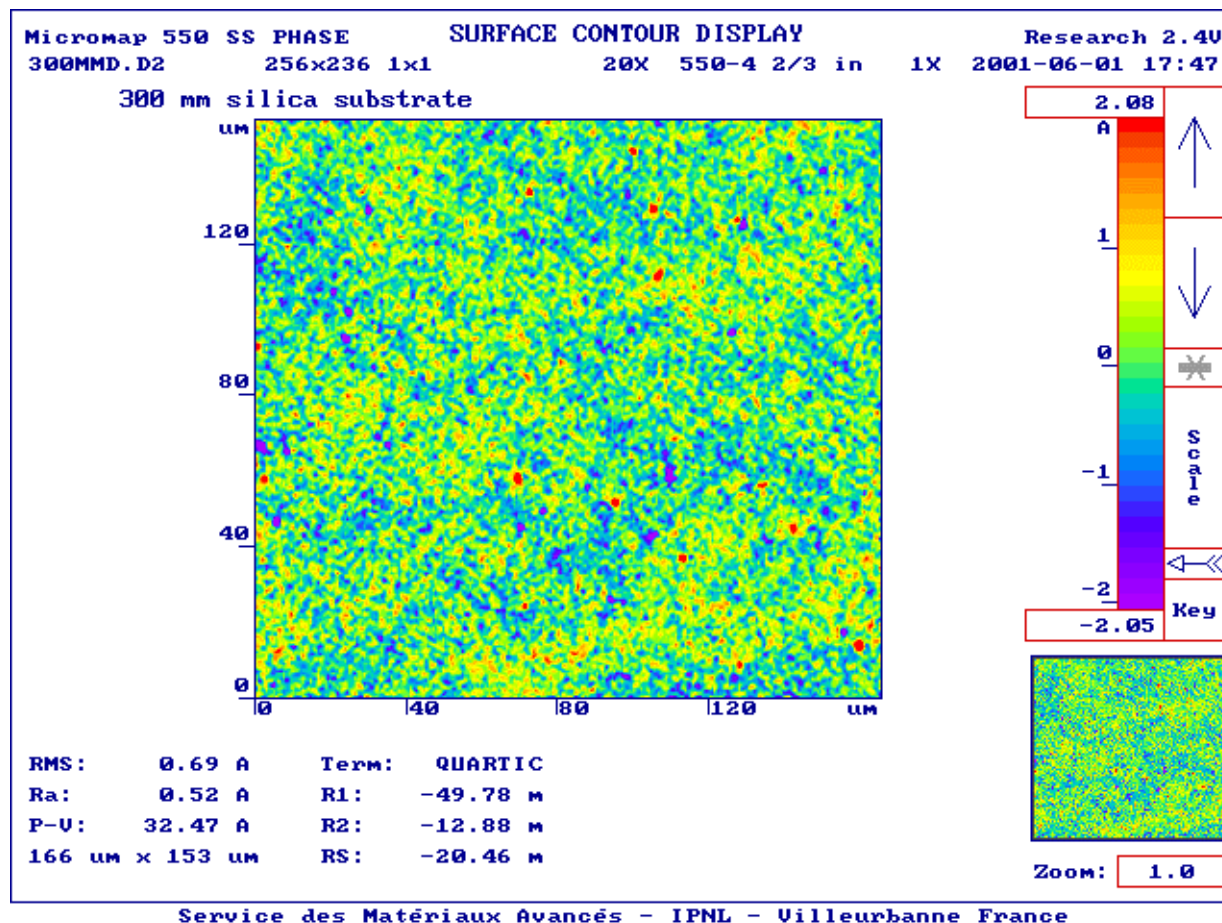
Bulk absorption map. Φ 300 mm Heraus Substrate

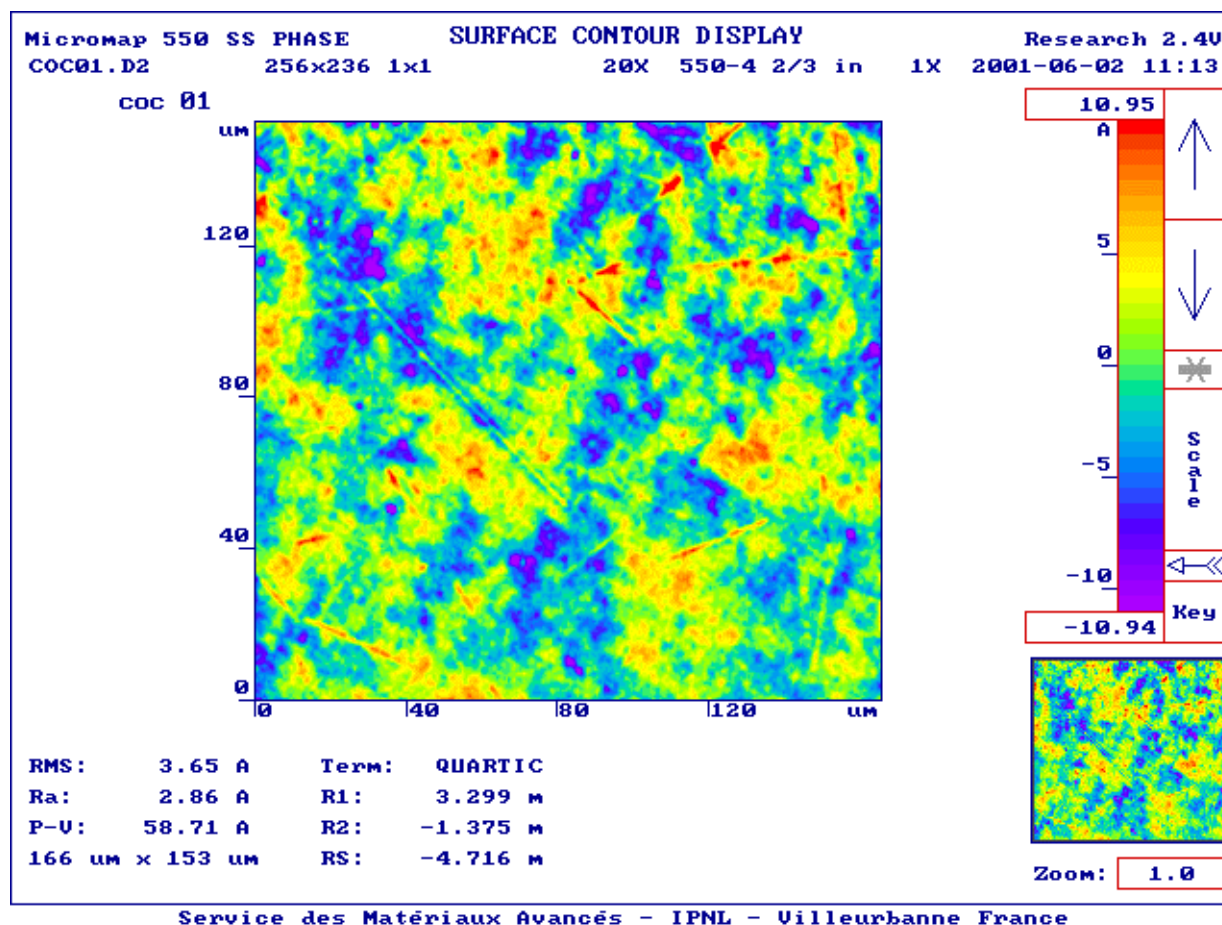


LIGO-T010087-00-D



reflectivity uniformity map. ϕ 80 mm C01015 SMA mirror





Service des Matériaux Avancés - I.P.N. Lyon - Villeurbanne - France
COC01.10R

Wavelength
= 1.0640 μm

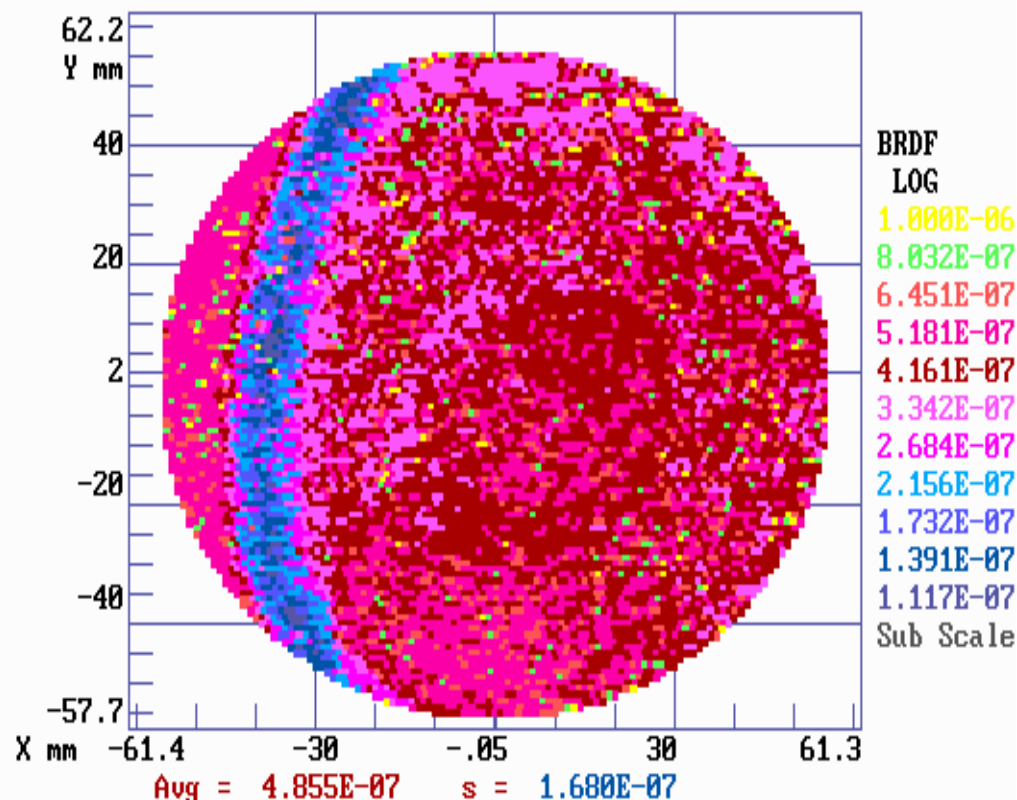
Reflectance
R = 0.0341

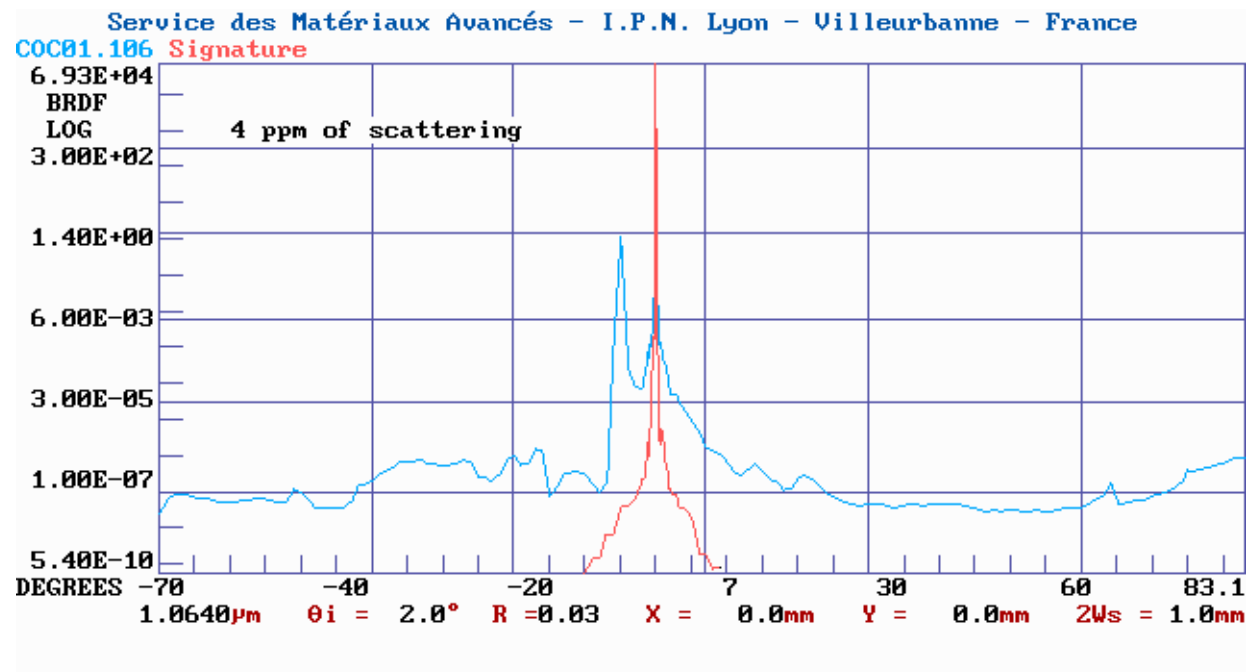
Angles:
 $\theta_i = 2.00^\circ$
 $\theta_s = 12.00^\circ$
 $\alpha = 0.00^\circ$

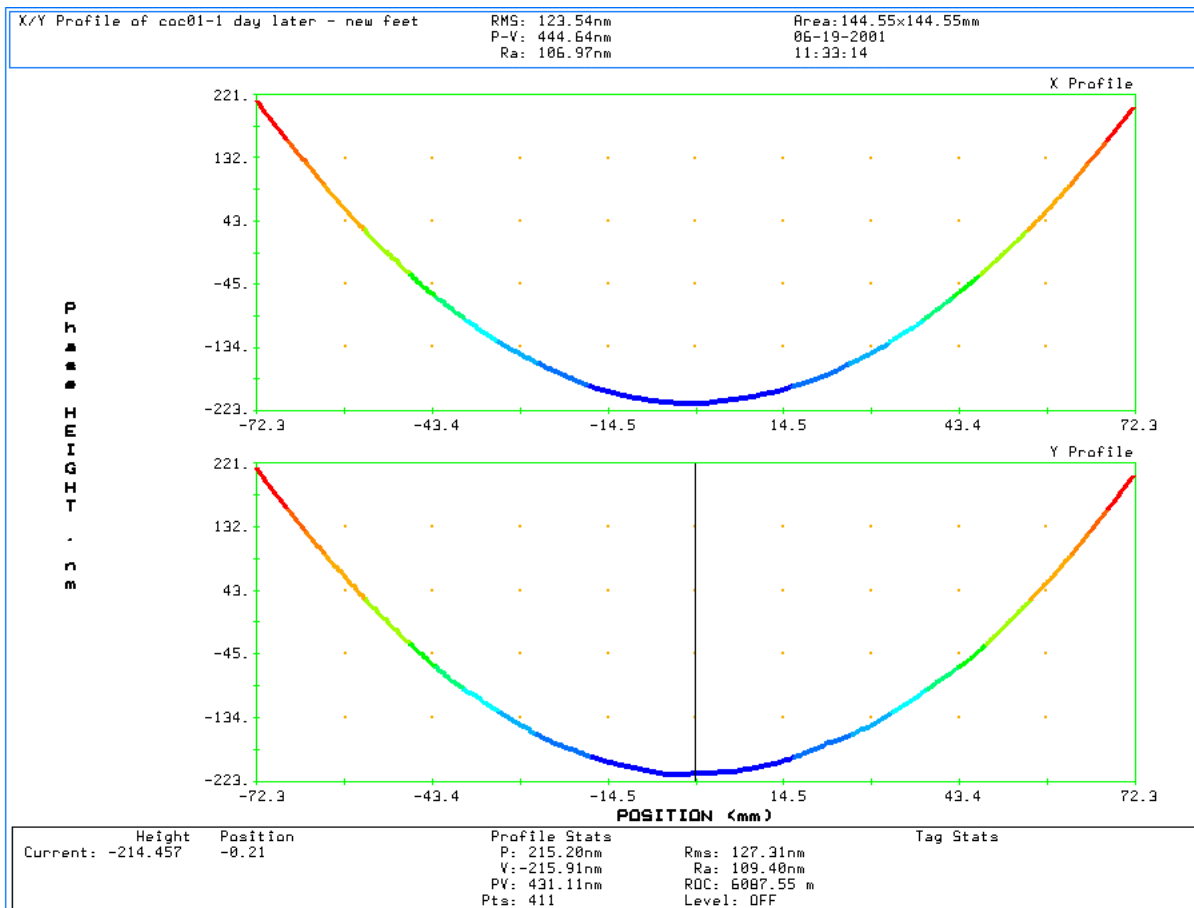
Spot Dia., mm
= 1.000

Step Size, mm
= 1.000

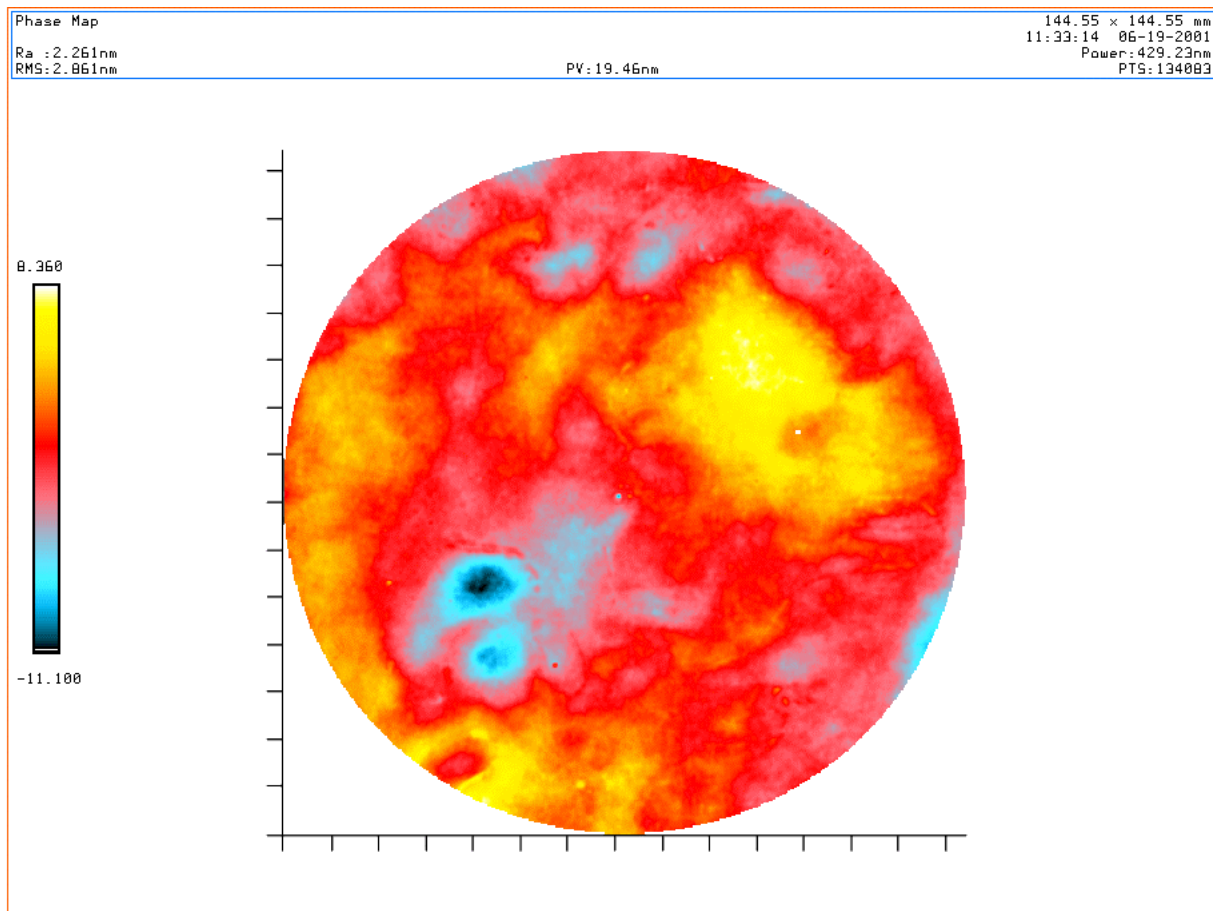
Scan Ctr., mm
X = 0.000
Y = 0.000



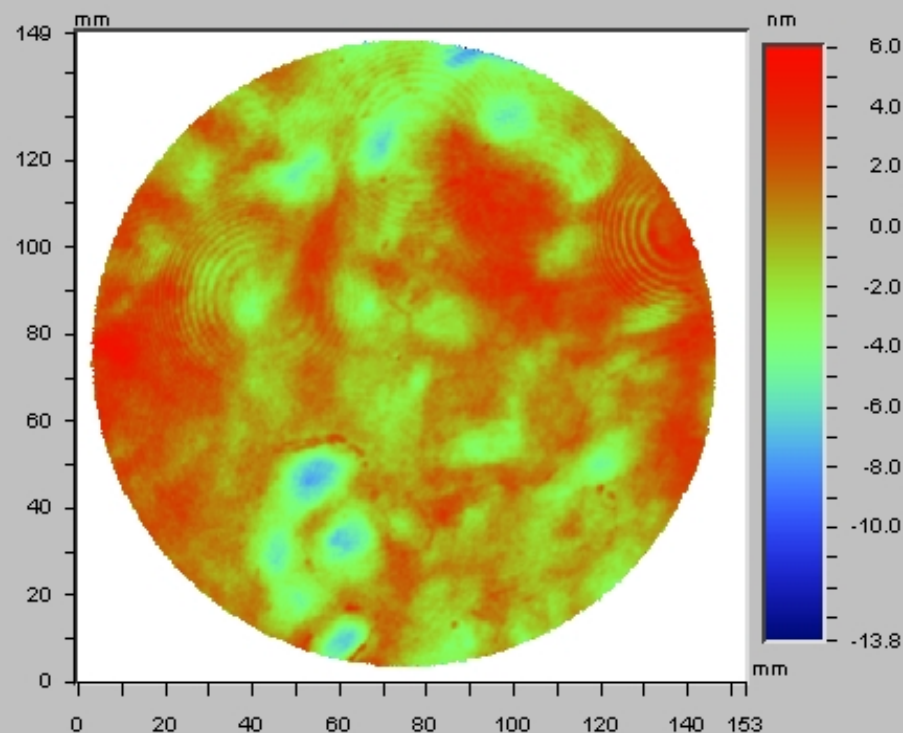




Title:	SMA-VIRGO	DATE: 06-19-2001 11:33:14
Part ID:	ADE/PHASE SHIFT	Wedge: Surface
Customer: VIRGO	OptiCode - Phase Analysis Software	Polarity: +
Operator: Laurent Pinard	Version 4.23 (c) 1995-2000	
Terms Subtracted: Tilt		



Title:	SMA-VIRGO	DATE: 06-19-2001 11:33:14
Part ID:	ADE/PHASE SHIFT	Wedge: Surface
Customer: VIRGO	OptiCode - Phase Analysis Software	Polarity: +
Operator: Laurent Pinard	Version 4.23 (c) 1995-2000	
Terms Subtracted: Tilt Focus		



Title: Difference

File name:

Note:

Zernike Coefficients

	Zernike_15[01]: 0.014007 wv
	Zernike_15[02]: 0.012742 wv
	Zernike_15[03]: 0.200935 wv
	Zernike_15[04]: 0.002546 wv
Zernike_8[1]: 0.01398 wv	Zernike_15[05]: 0.000266 wv
Zernike_8[2]: 0.01272 wv	Zernike_15[06]: -0.000893 wv
Zernike_8[3]: 0.20091 wv	Zernike_15[07]: -0.000942 wv
Zernike_8[4]: 0.00252 wv	Zernike_15[08]: 0.000161 wv
Zernike_8[5]: 0.00025 wv	Zernike_15[09]: -0.000163 wv
Zernike_8[6]: -0.00095 wv	Zernike_15[10]: 0.000577 wv
Zernike_8[7]: -0.00099 wv	Zernike_15[11]: 0.000371 wv
Zernike_8[8]: 0.00013 wv	Zernike_15[12]: -0.000336 wv
	Zernike_15[13]: 0.000461 wv
	Zernike_15[14]: 0.000753 wv
	Zernike_15[15]: 0.000343 wv

Date: 07/31/2001

Time: 08:56:08

Wavelength: 1.064 μm

Pupil: 100.0 %

PV: 19.8081 nm

RMS: 1.9495 nm

Rad of curv: 6.109 km

X Center: 281.50

Y Center: 241.50

Radius: 270.86 pix

Terms: Tilt Power

Filters: None

Masks:

Ref Sub:

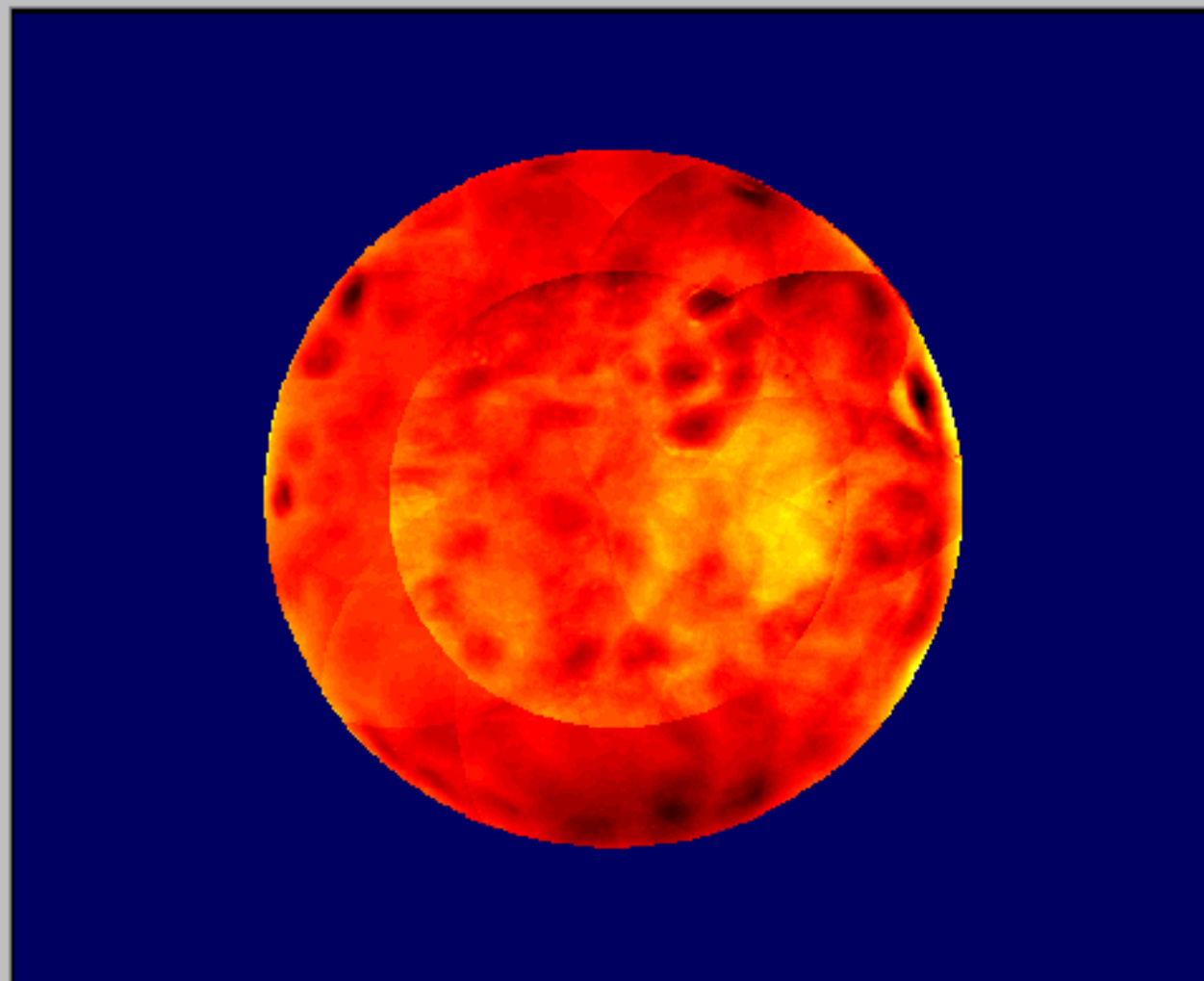
Averages:

Seidel Aberrations (8 Term Fit)

	Coeff (per radius)	Rms	Angle
Tilt	0.0216 wv		42.8 deg
Power	0.4018 wv	0.116 wv	
Focus	0.3985 wv		
Astig	0.0051 wv	0.001 wv	2.9 deg
Coma	0.0041 wv	0.001 wv	-133.9 deg
Sa3	0.0008 wv	0.000 wv	

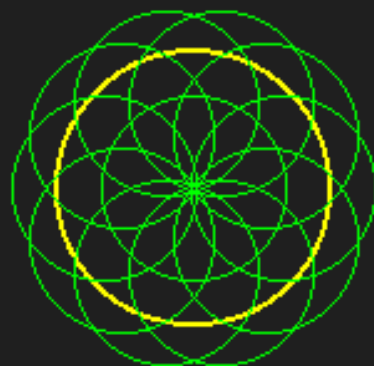
PV = 11.448 nm

RMS = 1.043 nm



Max : 7.112 nm

Min : -4.336 nm



Contrôle

Texte

FIN

(Dimensions en millimètres)

X

Y

Angle

Forme

Dimensions Composant :

215.0

215.0

0.0

Cercle



Dimensions Mesurées :

215.0

215.0

0.0

Cercle



Dimensions Utiles :

215.0

215.0

0.0

Cercle



Taux de Recouvrement :

52 %

45 %

X



RAD



Nombre de Mesures :

1

10

Total :

11

Pupille Interféromètre :

144.5

144.5

0.0

Cercle



