

Calibration Certificate

Kind of Equipment Optical Test Set Module

Type/Model no. 50600PM

Serial number 16195

Manufacturer Acterna

Calibration Report no. and date 11-10-05

Confirmation Interval One Year

Ambient temperature 25°C +/-5
/relative humidity 50%+/-30

This calibration certificate confirms that all measurands lie within the limit values stated in the product-specific calibration procedure.

The calibration results are traceable to National Standards which are consistent with the recommendations of the General Conference on Weights and Measures (CGPM), or to standards derived from natural constants, or to standards relying on ratio measurements with self-calibrating technique for their calibration. If a National Standard is not available, the result is traceable to the Reference Standard of Acterna Corporation.

The calibration has been carried out within a certified quality system according to ISO 9002.

The stated confirmation interval shall be regarded as a recommendation. The real definition of the confirmation interval should be made by the user. The type of application and the environmental conditions should be taken into account.

11-10-05

Michel Bouquain
Quality Management

René Homeyer
Calibration Engineer



ACTERNA

Calibrated

NUMBER 1619	TECHNICALS/03
DATE 10-05	DUE DATE 10-06

Acterna France SAS
34, rue Necker
F - 42000 Saint-Etienne
Tél. : +33 4 77 47 89 00
Fax : +33 4 77 47 89 70
www.acterna.com



This product has been manufactured following quality procedures in accordance with ISO 9001 standard, certified by AFAQ N° 1995/3316d.

Calibration Certificate

Kind of Equipment	Mini Optical Test Platform
Type/Model no.	MTS 5100eo
Serial number	12049
Manufacturer	Acterna
Calibration Report no. and date	1005NG12049
Confirmation Interval	One Year
Ambient temperature /relative humidity	25°C +/-5 50%+/-30

This calibration certificate confirms that all measurands lie within the limit values stated in the product-specific calibration procedure.

The calibration results are traceable to National Standards which are consistent with the recommendations of the General Conference on Weights and Measures (CGPM), or to standards derived from natural constants, or to standards relying on ratio measurements with self-calibrating technique for their calibration. If a National Standard is not available, the result is traceable to the Reference Standard of Acterna Corporation.

The calibration has been carried out within a certified quality system according to ISO 9002.


The stated confirmation interval shall be regarded as a recommendation. The real definition of the confirmation interval should be made by the user. The type of application and the environmental conditions should be taken into account.

October 04, 2005

Date

Michel Bouquain
Quality Management

René Homeyer
Calibration Engineer

 **Calibrated**

NUMBER	TECHNICIAN
1005NG12049	BTE/MAO/08
DATE	DUE DATE
2005-10-04	2006-10-04

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This product has been manufactured following quality procedures in accordance with ISO 9001 standard, certified by AFAQ N° 1995/3316d

Calibration Certificate

Kind of Equipment OTDR Module

Type/Model no. 5026-DR

Serial number 12939

Manufacturer Acterna

Calibration Report no. and date 1005MD12939

Confirmation Interval One Year

Ambient temperature 25°C +/-5
/relative humidity 50% +/-30

This calibration certificate confirms that all measurands lie within the limit values stated in the product-specific calibration procedure.

The calibration results are traceable to National Standards which are consistent with the recommendations of the General Conference on Weights and Measures (CGPM), or to standards derived from natural constants, or to standards relying on ratio measurements with self-calibrating technique for their calibration. If a National Standard is not available, the result is traceable to the Reference Standard of Acterna Corporation.

The calibration has been carried out within a certified quality system according to ISO 9002.


The stated confirmation interval shall be regarded as a recommendation. The real definition of the confirmation interval should be made by the user. The type of application and the environmental conditions should be taken into account.

October 14, 2005

Date

Michel Bouquain
Quality Management

René Homeyer
Calibration Engineer

 <p>Calibrated</p>	
<p>NUMBER 1005MD12939</p>	<p>TECHNICIAN STF/MO/08</p>
<p>DATE 2005-10-14</p>	<p>DUE DATE 2006-10-14</p>

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This product has been manufactured following quality procedures in accordance with ISO 9001 standard, certified by AFAQ N° 1995/3316d.



Diplôme d'accréditation

Accreditation Certificate

Ce document atteste que :

This document testifies that :

ACTERNA FRANCE SAS

34 RUE NECKER

42000 SAINT ETIENNE

est accrédité par la Section Laboratoires du Comité Français d'Accréditation pour effectuer des prestations d'ETALONNAGE ainsi que pour procéder aux activités traitées de façon modulaire par la norme NF EN ISO/CEI 17025, précisément définies dans la convention d'accréditation

N° 2-1730

et délivrer des documents d'étalonnage portant le logotype du Cofrac pour lesdites prestations et activités.

La validité de l'accréditation est précisée dans la convention d'accréditation ou dans son avenant en vigueur. Durant cette période, le laboratoire s'engage à respecter à tout moment les exigences d'accréditation du COFRAC, en tout point conformes à la norme

NF EN ISO/CEI 17025.

Le Président du Comité de Section :

Chairman of Section Committee :

Le Directeur du Cofrac :

Director of Cofrac :

**AF
AQ**

ACTERNA Optical S.A.S.

DESIGN, MANUFACTURING, MARKETING AND SALES
OF TELECOMMUNICATION MEASUREMENT EQUIPMENT.

AFAQ certifie que pour les activités et les sites référencés ci-dessus toutes les dispositions prises en œuvre pour répondre aux exigences requises par la norme internationale ;
AFAQ certifies that all the arrangements covering the above mentioned activities and locations are established to meet the requirements of the international standard ;

ont été examinées et jugées conformes.
Have been examined and found conform

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Le Représentant de l'Entreprise
Du Conseil d'Administration

E. DI LUIGI