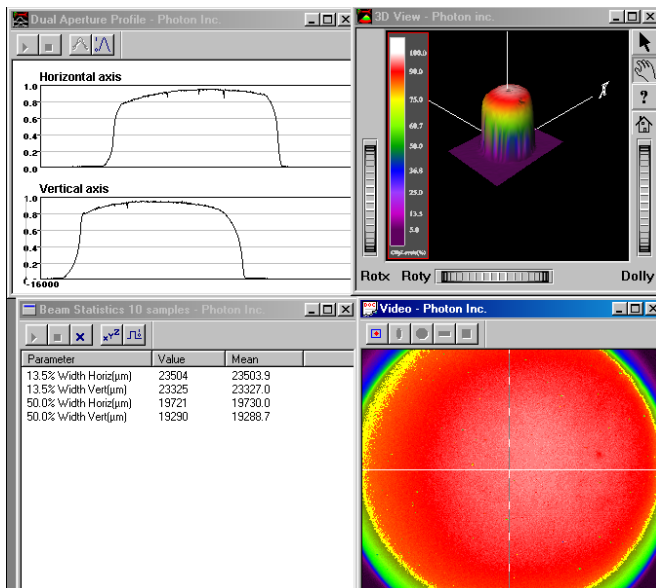


Model 016: Large aperture fiber collimator

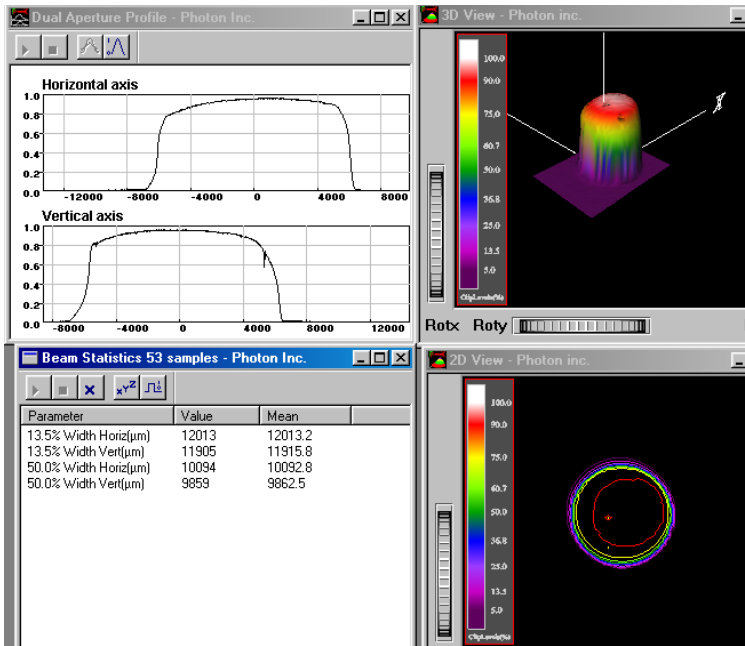
Extended testing report

Part Number:	Model 016
Unit Number:	WTO6008
Package type	COAX
Receptacle	FC-style
Test fiber	FC/AC-FC/PC POF 980/1000 um, 1 meter long.
Test power	13 dBm
Focusing range, m	~ 0.25-1.2
Test wavelength	"white light source"
Beam FWHM (@1 m)*, mm	~19.8
Beam FWHM (@0.5 m)*, mm	~9.9
Beam FWHM (@0.25 m)*, mm	~4.5
Beam FWHM (@0.1 m)**, mm	~19.0
Insertion loss, dB	~3.6
Test temperature	21C

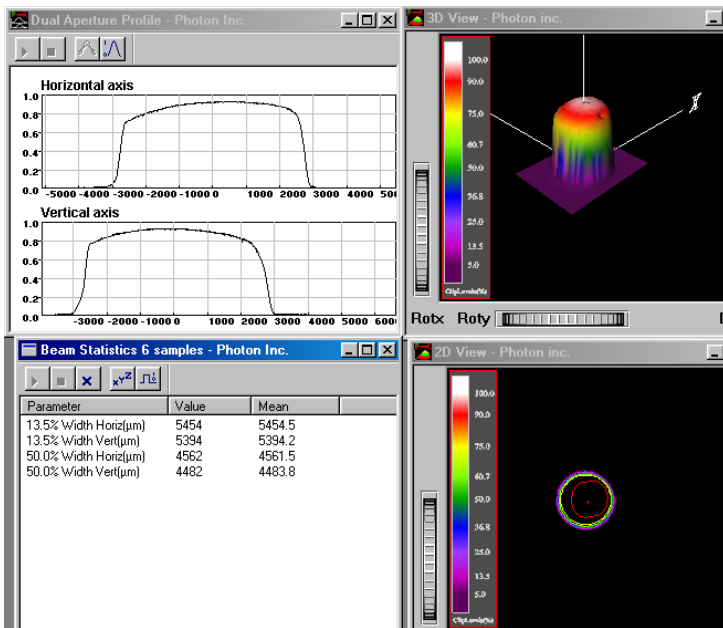
- *collimator focus has been adjusted to optimal value
- **Out of focus position



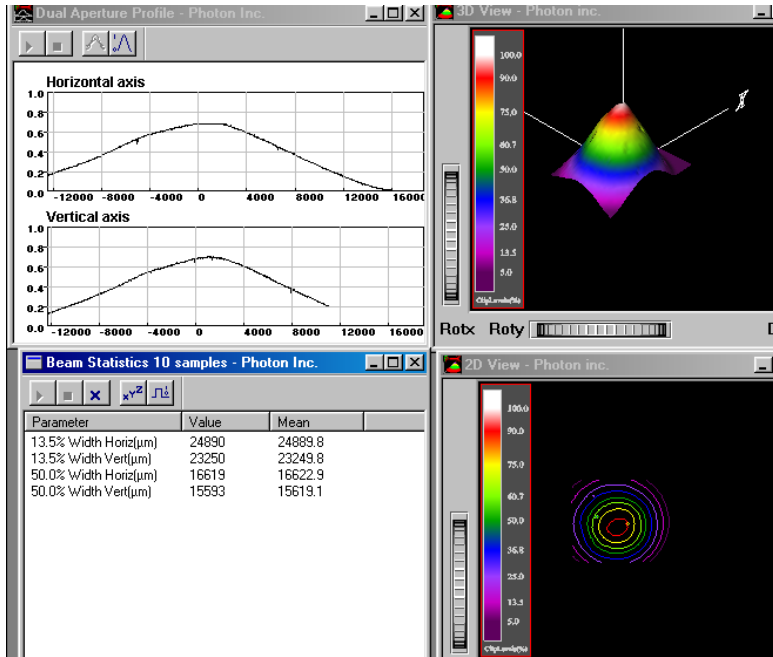
Optical field profile, measured at distance of ~ 1 m from the objective aperture.
Collimator is focused.



Optical field profile, measured at distance of ~ 0.5 m from the objective aperture. Collimator is focused.



Optical field profile, measured at distance of ~ 0.25 m from the objective aperture. Collimator is focused.



Optical field profile, measured at distance of ~ 0.25 m from the objective aperture. Collimator is out of focus.

Unit was tested using following equipment:

WL sources:	LE-1W-CC; (WT&T)
Return loss measurement:	ODB-4R (WT&T)
Beam profiler	BeamScan; BeamPro (Photon Inc)
Temperature control	1200 (Omega)
T&M/Quality control:	TM 4



Model 016 Large aperture fiber collimator with mechanical positioning holder (sold separately). Collimator size: ~70x95x100 mm