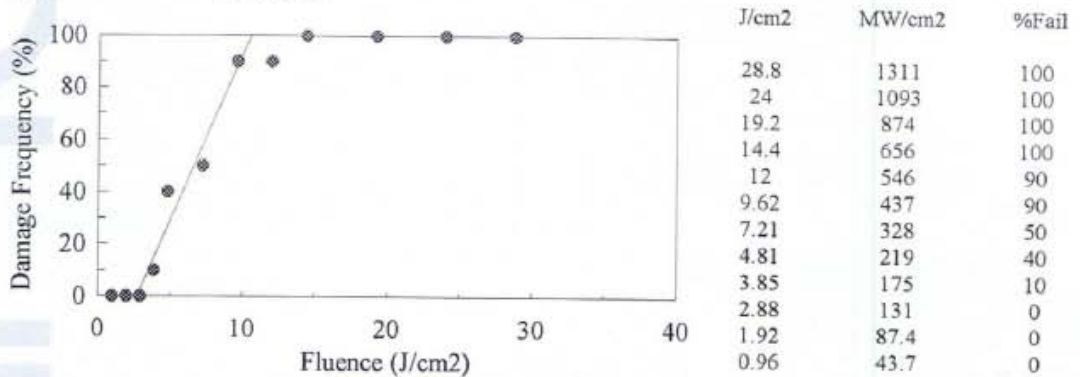


LASER DAMAGE THRESHOLD

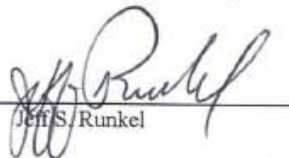
Customer:	ONDAX	Certificate No.:	11290 #1
Purchase Order Number:	060076	Issued:	Feb. 14, 2006
Substrate Material:	Unknown	Coating Type:	Unknown
Part No.:	5342	Lot No.:	Cast 56<1
Special Requirements:	Per P.O.		
Wavelength (nm):	1064	Spot Diam. (FW/e2, mm):	.5
Repetition Freq. (Hz):	20	Incidence Angle (deg.):	0
Pulse Width (FWHM, ns):	20	Polarization State:	Linear
Axial Modes:	Multiple	Transverse Modes:	TEM ₀₀
No. Sites Tested:	100	No. Shots/Site:	200
Damage Definition:	Permanent surface change	Inspection Method:	Nomarski/Darkfield 150X
Preparation:	N2 Dustoff		



Test Results: Damage Threshold: **2.69 J/cm2** or **122.1 MW/cm2**
 Damage Type: Non-propagating pit(s)

Notes: Flash pit, in bulk.

"Big Sky Laser Technologies, Inc., certifies that the Laser Damage Threshold of this sample was tested as shown hereon. Fluence measurement precision was plus or minus 10%, traceable to NIST. The test method was substantially in agreement with ISO 11254. Specific calibration data are maintained in this office and are available on request. We certify that this test report conforms to all applicable provisions of the purchase order."


 Jeff S. Runkel

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Form 19-F-005 Rev A

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