



Laser Damage Threshold Data

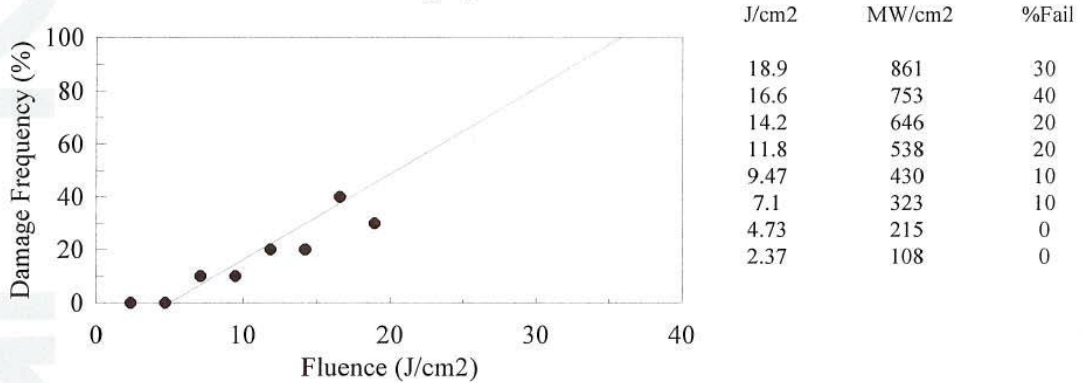
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LASER DAMAGE THRESHOLD

Customer:	Precision Photonics Corp.	Certificate No.:	12304 #1
Purchase Order Number:	2047	Issued:	April 12, 2007
Substrate Material:	Unknown	Coating Type:	BBHR@1064nm
Part No.:	#A1 BBHR	Lot No.:	#A1
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:	80	No. Shots/Site:	200
Damage Definition:	Permanent surface change	Inspection Method:	Nomarski/Darkfield
Preparation:	Acetone methanol drag wipe		



Test Results: Damage Threshold: **5.0** J/cm² or **228** MW/cm²
 Damage Type: Flash propagating pit(s)