



For Immediate Release  
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### **Ondax Proprietary Photosensitive Glass Reaches Record Breaking Low Absorption**

Ondax, a leading manufacturer of Volume Holographic Gratings and Single-Mode Wavelength Stabilized Laser Diodes has pushed their photosensitive glass to a new level of performance. The glass has a super low absorption and can now support double the optical power for the same shift in wavelength!

Dr. Frank Havermeyer, Product Line Manager for Custom VHGs, said “This is a major accomplishment for Ondax who supplies Beam Combiners and VHG PowerLockers to customers with extremely high power levels in excess of 1KW. This also impacts laser sources for the display industry where heat generation can lead to cooling requirements, which usually means additional cost and decreased lifetime. This breakthrough, not only benefits the high power applications, but also enables low power applications such as, Pico projection. Pico projectors used in, for example, PDA devices like cell phones, are extremely cost sensitive and so low heat is essential to making laser sources an affordable solution.”

Ondax, Inc. has been manufacturing commercial VHGs for over 7 years. The PowerLocker™ is a volume holographic glass grating which diffracts a defined efficiency at a specific wavelength. The gratings increase spectral brightness of laser diodes, locking their wavelength and increasing temperature stability and yield. The PowerLocker™ VHG is available in wavelengths from 350nm to 3microns.

More information about Ondax can be found at <http://www.ondaxinc.com>.

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