

VALO SHG Add-On Module

535 - 550 nm | > 1 W | < 100 femtoseconds



Applications

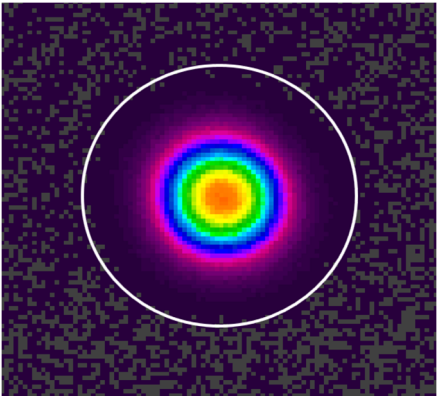
- Tryptophan Imaging
- Fluorescence Lifetime Imaging (FLIM)
- Two-Photon Polymerization
- Pump–Probe Spectroscopy

Optical Performance Specifications

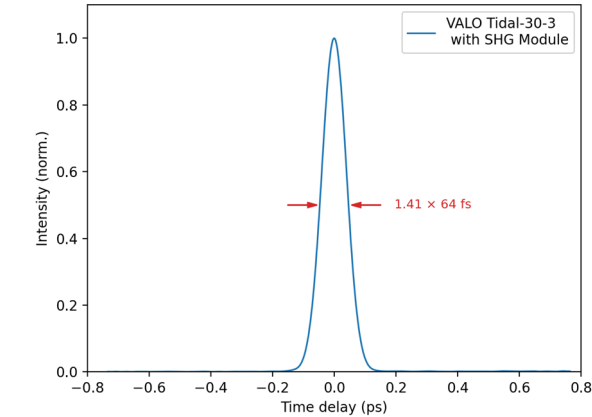
SHG Module with Laser System *	VALO Tidal-30-3	VALO Tidal-75-1-1100
Pulse Duration (FWHM) (fs)	< 100	< 100
Average Power (W)	> 1	> 0.3
Center Wavelength (nm) **	535 ± 5	550 ± 5
Spectral Bandwidth (at -10 dB) (nm)	> 15	> 10
Spatial Mode (M ²)	< 1.3	
Power Stability (%) (RMS, 8 h, at constant temperature)	< 1	
Dimensions (laser with attached module) (mm)	595 × 214 × 90	

* Also available with other VALO Femtosecond Series Lasers
** Other specifications on request

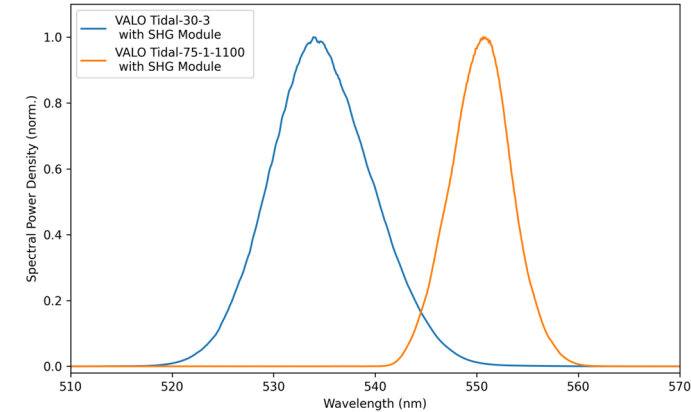
Typical Beam Profile at Focal Point



Typical Autocorrelation



Typical Optical Spectra



Specifications and technical data are subject to change without notice due to technical developments.



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In need of technical support/service?

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