VALO SHG OPTION

VALO Femtosecond Series | Ultrafast Fiber Lasers

Applications

Tryptophan Imaging

Fluorescence Lifetime Imaging (FLIM)

Two-Photon Polymerization

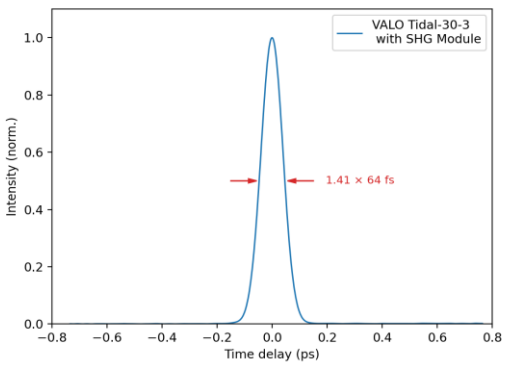
Pump–Probe Spectroscopy

Optical Performance Specifications

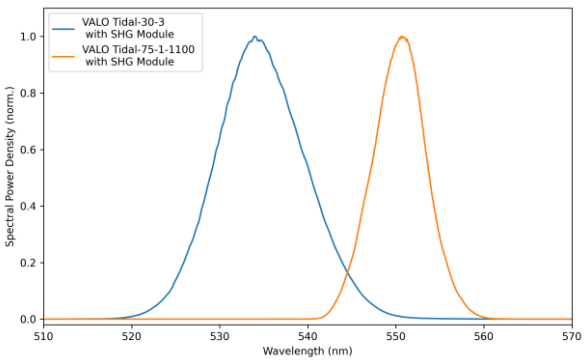
SHG Module with Laser System *	VALO Aalto-40-0.5	VALO Tidal-40-2	VALO Tidal-30-3	VALO Tidal-75-1-1100
Pulse Duration (FWHM) (fs)	< 110	< 100	< 100	< 100
Average Power (W)	> 0.15	> 0.8	> 1.2	> 0.3
Center Wavelength (nm) **	530 ± 15	530 ± 15	530 ± 15	550 ± 5
Spectral Bandwidth (at -10 dB) (nm)	> 15			> 10
Dimensions (laser with attached module) (mm)	595 × 214 × 90			

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

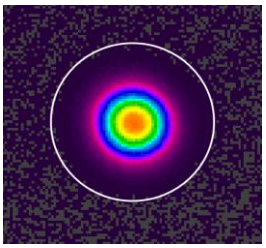
Typical Autocorrelation



Typical Optical Spectra



Typical Beam Profile at Focal Point



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

HÜBNER Photonics

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