



## FSX Laser Specification Sheet

Part #: FSX/1000/130/FS

Serial #: SN0012



**Date of test** 3 Apr 2023  
 Ambient temperature 25.3 °C

## Performance

Pulse repetition rate	100,00	MHz
<b>1030nm Output</b>		
Average output power	800	mW
Pulse duration (Sech <sup>2</sup> )	113	fs
Center wavelength	1031,2	nm
Spectral width (FWHM)	13,8	nm
M <sup>2</sup> , x	1,206	
M <sup>2</sup> , y	1,189	
Beam diameter at window	1392	µm, X
Beam diameter at window	1470	µm, Y

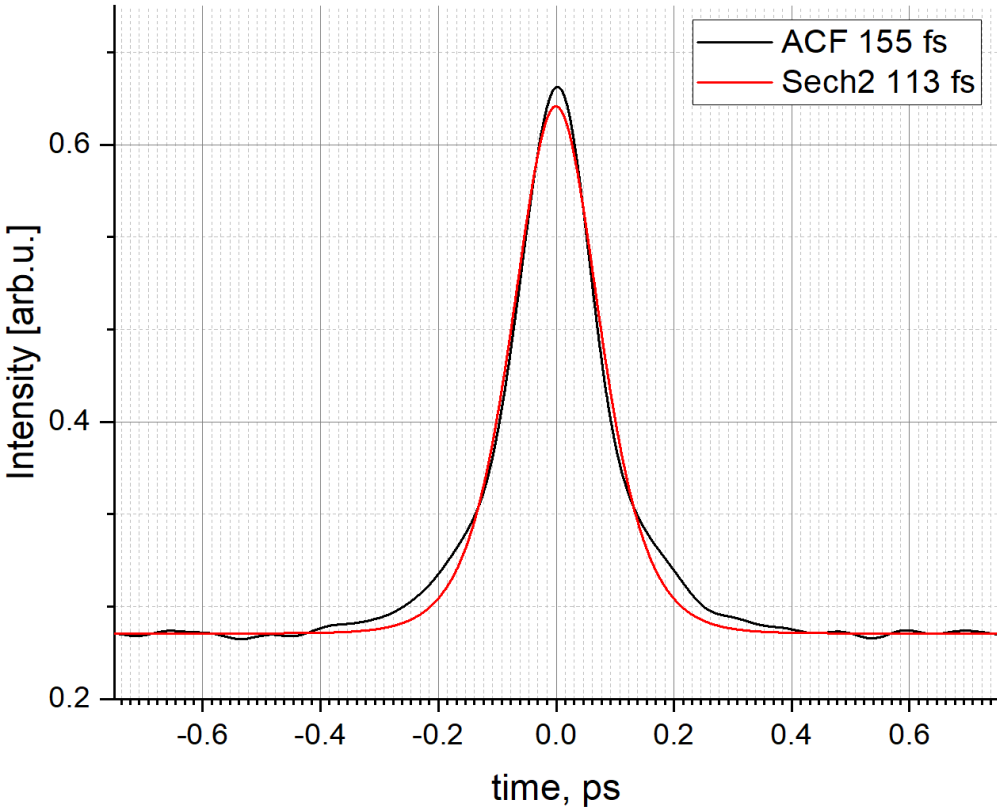
### Options

Build in OSA	no	
Build in RFA	yes	
External modulation	no	
Trigger output	yes	
Amplitude stabilization	no	
Isolator inside	yes	
Sync	no	
Piezo	no	
Dispersion compensation	no	



# Autocorrelation via SHG

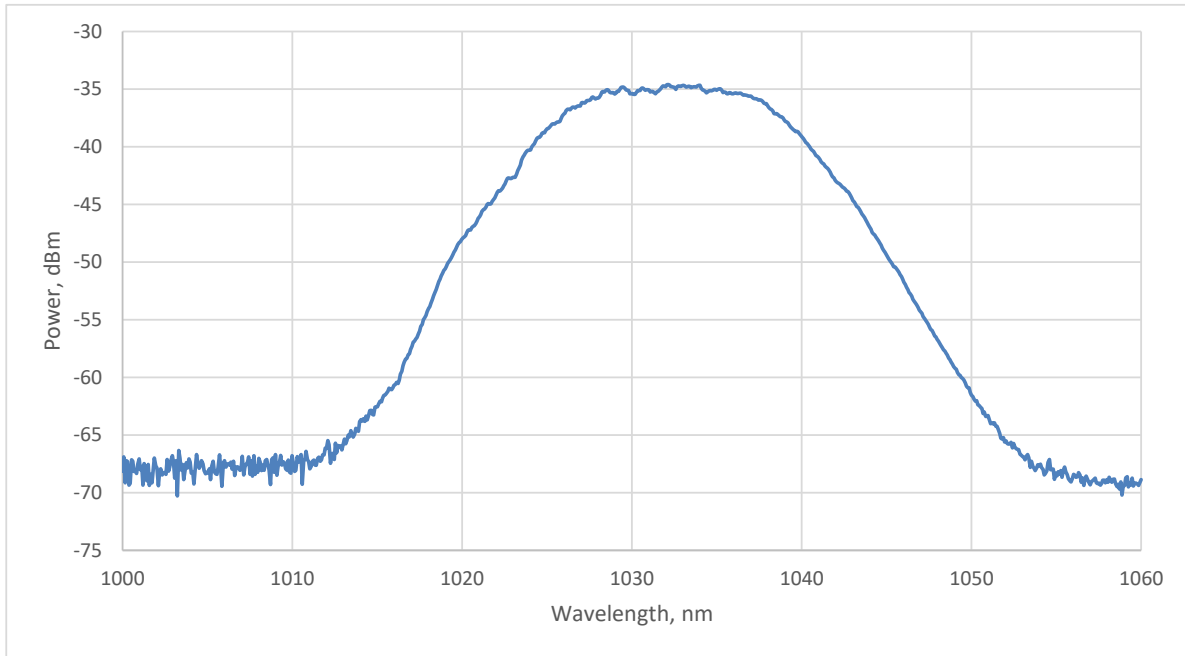
1030 nm output





## 1030nm output optical spectrum

Logarithmic scale



Linear scale

