



# FSX Laser Specification Sheet

Part #: FSX

Serial #: SN005



Date of test 24 May 2023  
 Ambient temperature 25.3 °C

## Performance

Pulse repetition rate	1	MHz
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### 1030nm Output

Average output power	4600	mW
Pulse energy	4,6	µJ
Pulse duration (Sech <sup>2</sup> )	106	fs
Center wavelength	1030,0	nm
Spectral width (FWHM)		nm
M <sup>2</sup> , x	1,26	
M <sup>2</sup> , y	1,26	
Beam diameter at window	1058	µm, X
Beam diameter at window	1044	µm, Y

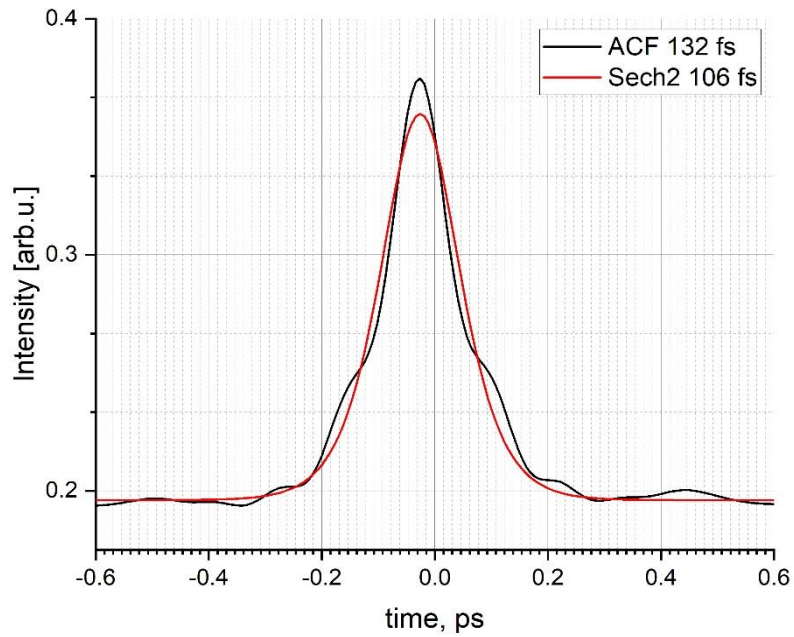
### Options

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



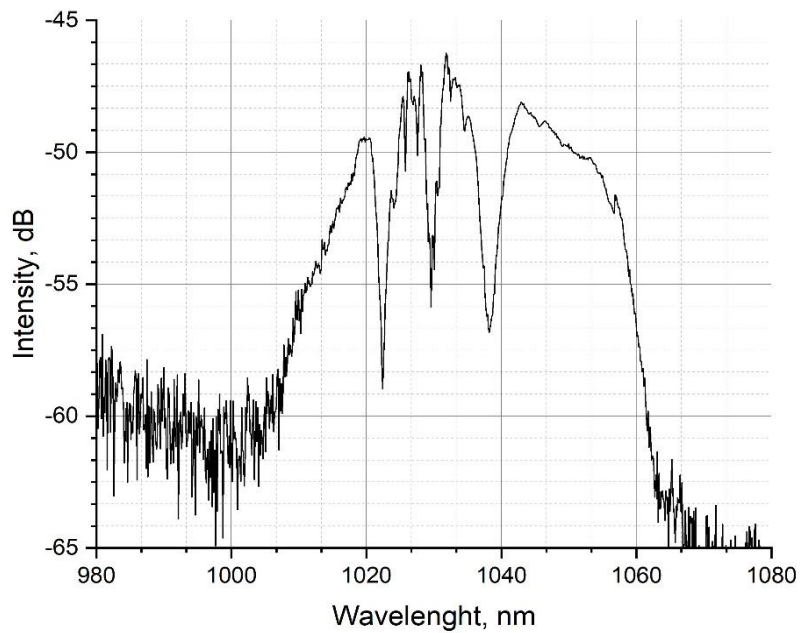
## Autocorrelation

1030 nm output



## Optical Spectrum

1030 nm output





## Beam at the output

