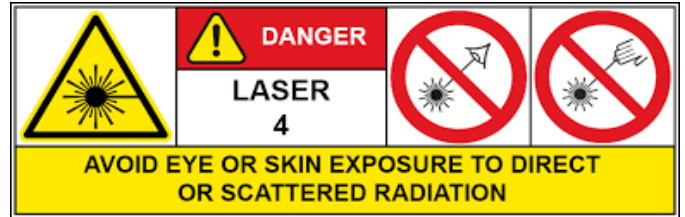




FSX Laser Specification Sheet

Part #: Custom product

Serial #: SN001



Date of test 14/09/2022
 Ambient temperature 25.3 °C

Performance

Pulse repetition rate	80,00	MHz
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1040 output

Average output power	1550	mW
Pulse duration(Sech2)	115	fs
Center wavelength	1031,2	nm
Spectral width (FWHM)	13,8	nm
M2, x	1,148	
M2, y	1,10	
Beam diam. at window	1325	µm, X
Beam diam. at window	1363	µm, Y

Tunable output

Wavelength tunable range	760-860	nm
Average output power at 780 nm	420	mW
Pulse duration(Sech2) at 780 nm	168,00	fs
Spectral width (FWHM)	5,8	nm

Pump current settings

Pump 2 current	8	A
Pump 1 current	8	A

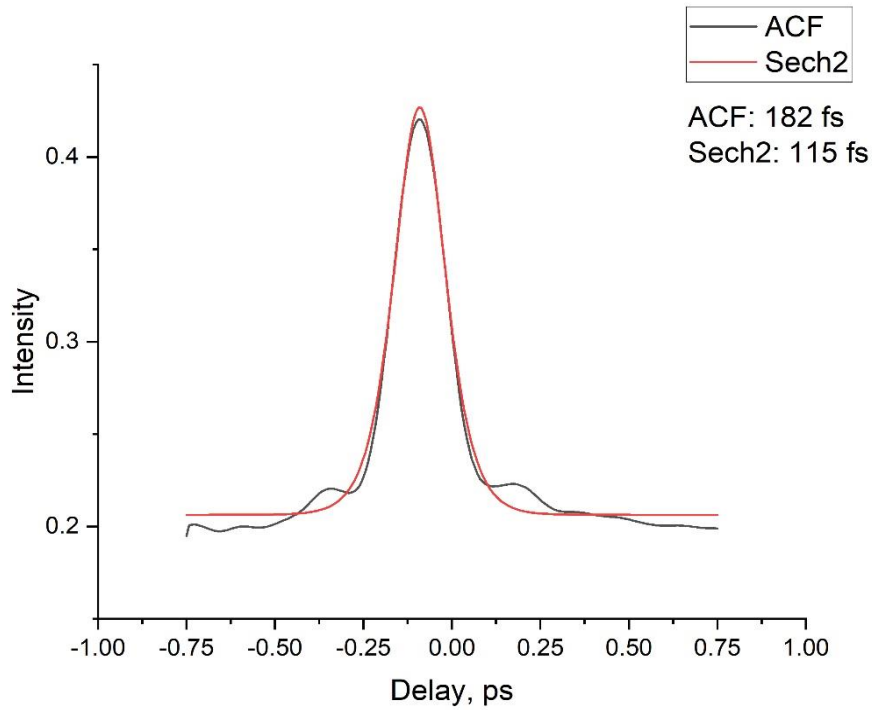
Options

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



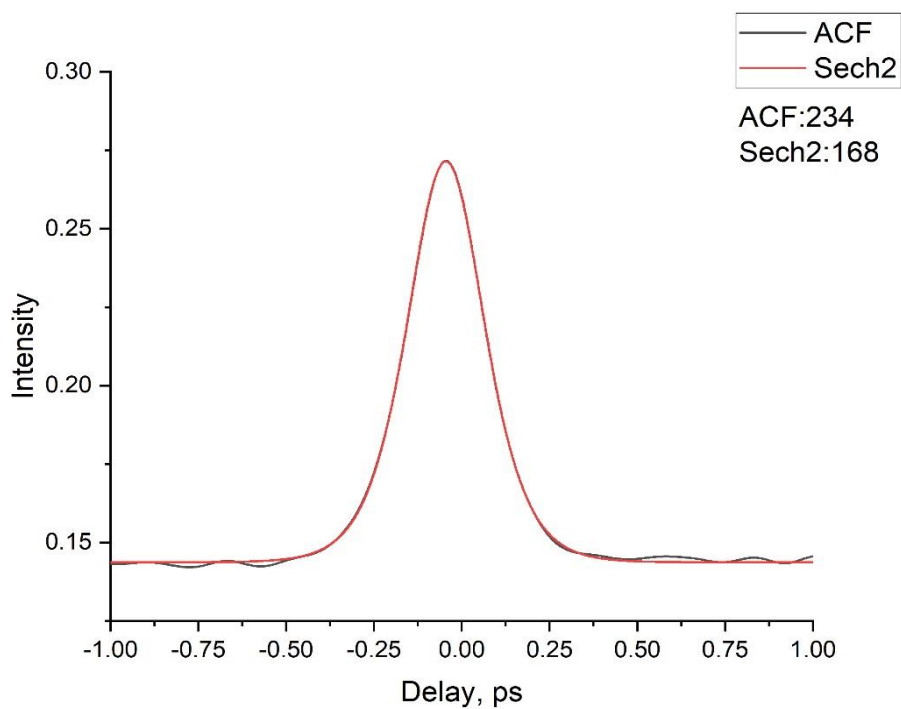
1040 output

Autocorrelation



Tunable output

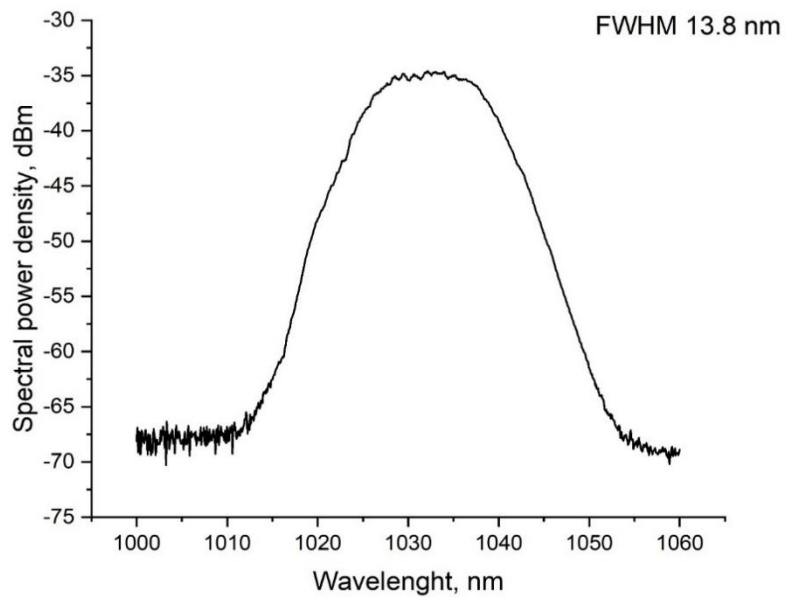
Autocorrelation





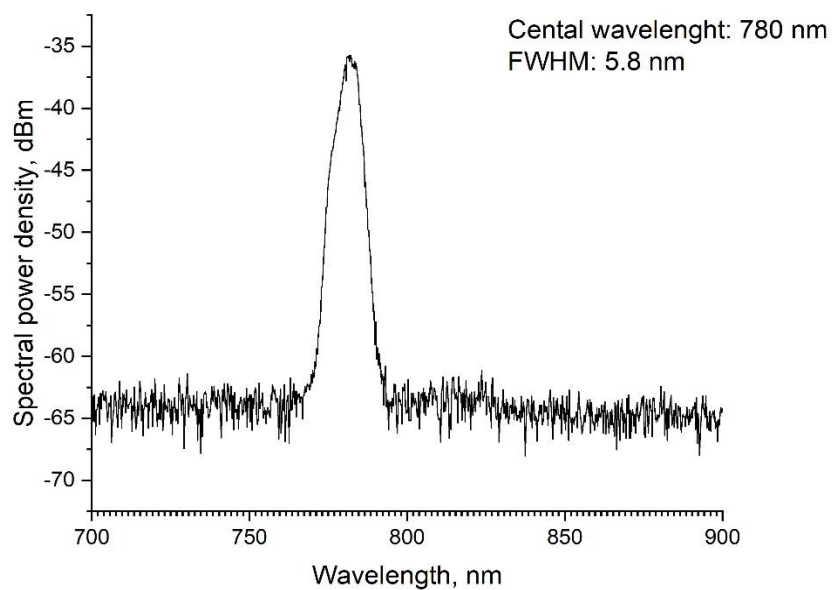
1040 output

Optical spectrum



Tunable output

Optical spectrum





Tunable output

Tunable curve

