

1. Spectral FWHM measurement report

1.1. Method

Imaging spectrograph was mounted in front of the Lot-Oriel Monochromator in such way that exit slit of the monochromator was perpendicular to the exit slit of the spectrograph. Monochromator wavelength was scanned over wavelength range of the spectrograph with 0.50 nm steps. 10 frames were collected, averaged and dark frame corrected at each step. At each spectral band gaussian function was fitted to the data. FWHM of the band was obtained from the fitted data. The final FWHM at each band is an average over 10 adjacent bands.

1.2. General Information

PARAMETER	VALUE
Measured by	KKE
File date	02-Dec-2020
Report date	03-Dec-2020
Sensor type	Fenix_SWIR1K
Sensor serial no	360009
Project	NERC
Measurement phase	Delivery

1.3. Measurement result

PARAMETER	CRITERIA	MEAN	MAX
FWHM (pix)	2.26	1.21	1.31
FWHM (nm)	14.00	7.51	8.09
Slit size (pix)	1.00		
Slit size (nm)	6.19		
Binning	1		

1.4. Results figures

Below is the final FWHM data.

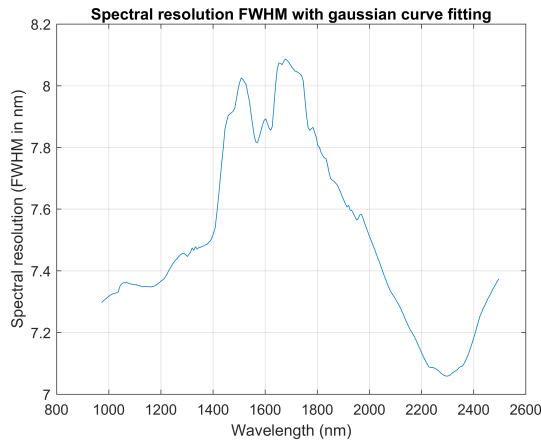


Figure 1.
Final FWHM data.