



Spectroscopic Record Sheet



Details on acquisitions

Object	DeGaPe 5
Coordinates (J2000)	16:46:11.80 -47:37:05.40
Type	New candidate

Observation date	3.381/04/2022
Weather conditions	/
Observer	2SPOT
Location	Deep Sky Chile (CL)

Mount	10 Micron GM3000 HPS
Telescope	Ritchey-Chrétien RC12
Spectroscope	Alpy 600 (23um slit)
Resolution (bin 1x1)	~1nm at 656 nm
Principal camera	Atik 414 EX
Dispersion (bin 1x1)	~0,3 nm/pixel at 656 nm
Cam temperature	-10°C
Binning	2x2
Guiding camera	Atik 314L+
Data acquisition Soft	Prism v10.4.12.911
Data processing soft	ISIS V6.1.1

Exposure on object	3 x 1200 s
Master Dark	Corrected
Master Flat	Corrected
Master Offset	Corrected
Neon-Argon calibration	Corrected

Reference star calib.	HD145842_B8V
Exposure on ref star	15 x 8 s
Ref star Sp. date	3.293/04/2022

Slit position



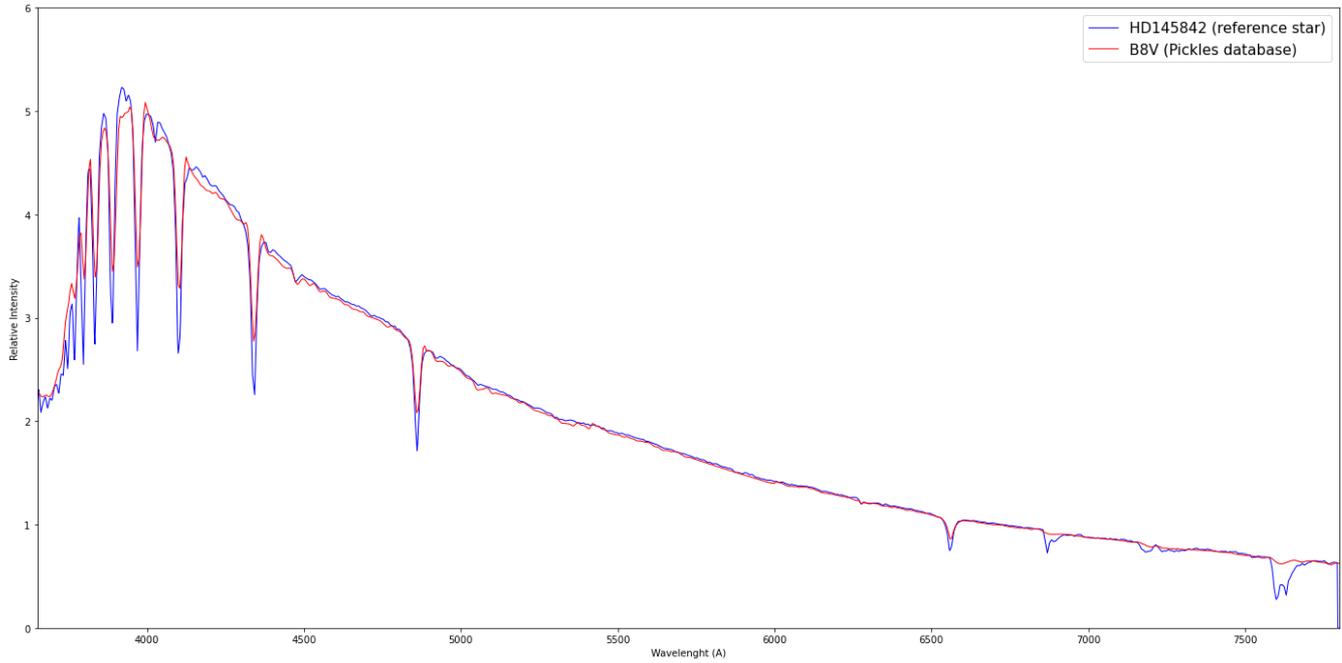
Object picture(s)



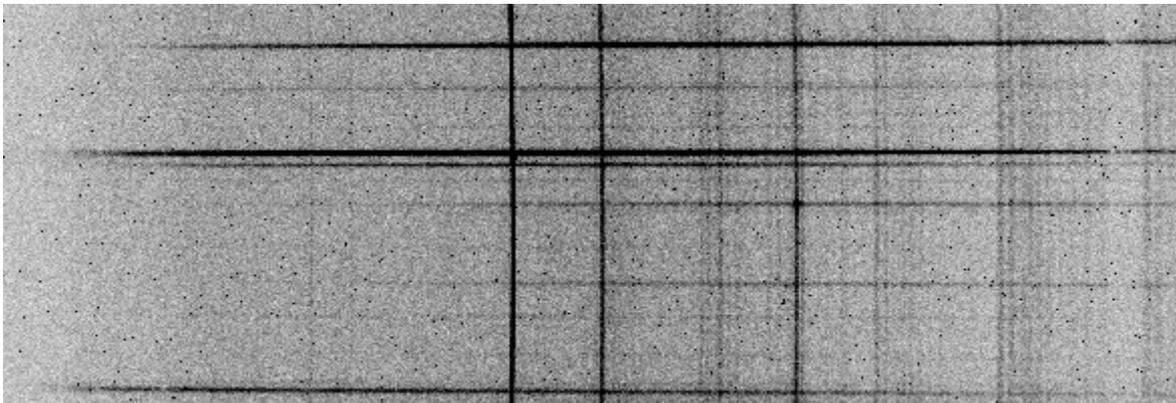


Instrumental Response and 2D Spectrum

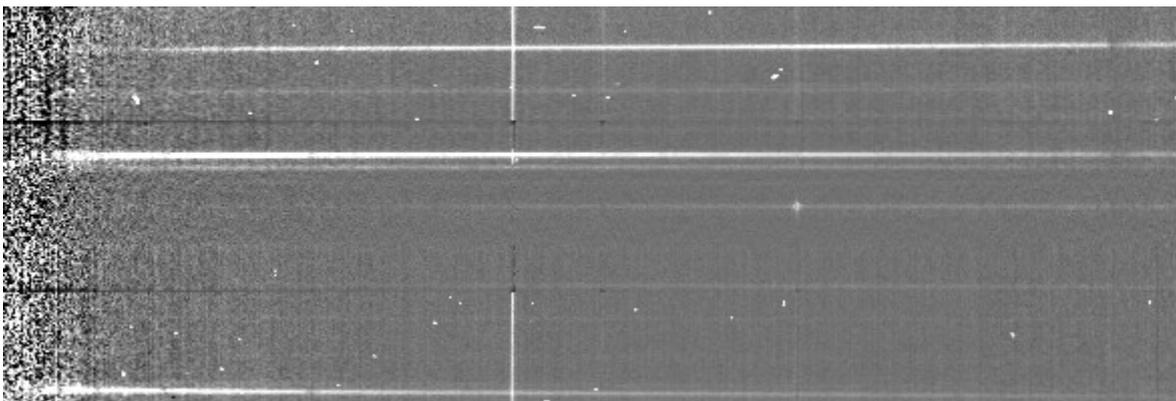
Instrumental response (red = theoretical ref star spectrum ; blue = acquired ref star spectrum with instrumental response correction applied)

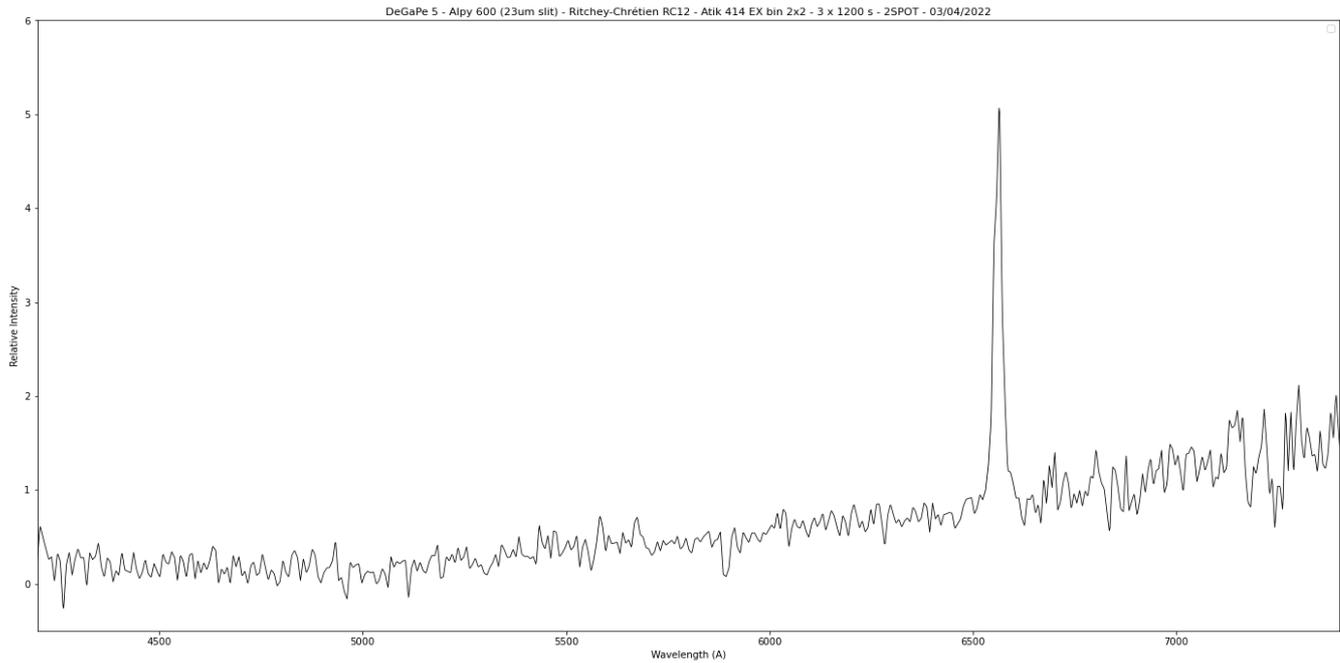


2D Raw spectrum



2D Processed spectrum





Comments

The spectrum shows a faint red star continuum.
DeGaPe 5 shows a huge H α emission line.