

VATT Spectrograph

STA0520A CCD

2688×512 pixels, 15 microns

ITL Serial Number 8228

Detector operating temperature -110C

Gain = 1.3 e/DN with setting 10

Gain = 2.6 e/DN with setting 5

For both gains the full well is ADC limited (65k DN), so this is 85,000 or 170,000 electrons.

Noise is 3.4 electrons (3.2 in overscan region)

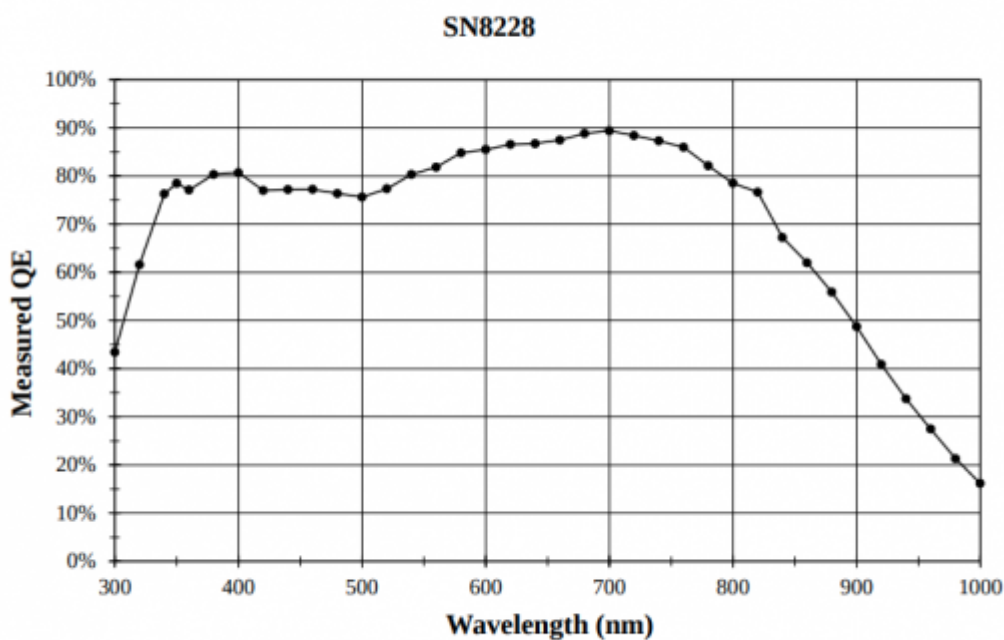
Documentation

- [General Instructions](#)
- [Instructions on Guiding](#)

Maintenance

- Argon Calibration Lamp was replaced on 4/26/2013.
- Note: There is some concern the lamps are burning out faster than they should.

QE Curve



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