

Pandora Data Processing Center  
VISDA PSF Requirements Test Report

-----

Package Versions:

- pandora\_requirements: 0.1.2
- pandorapsf: 0.7.0
- pandorasat: 0.12.2
- astropy: 6.0.1

Detector Characteristics:

background\_rate: 2.0 electron / (pix s)  
dark: 1.0 electron / (pix s)  
readnoise: 1.5 electron / pix

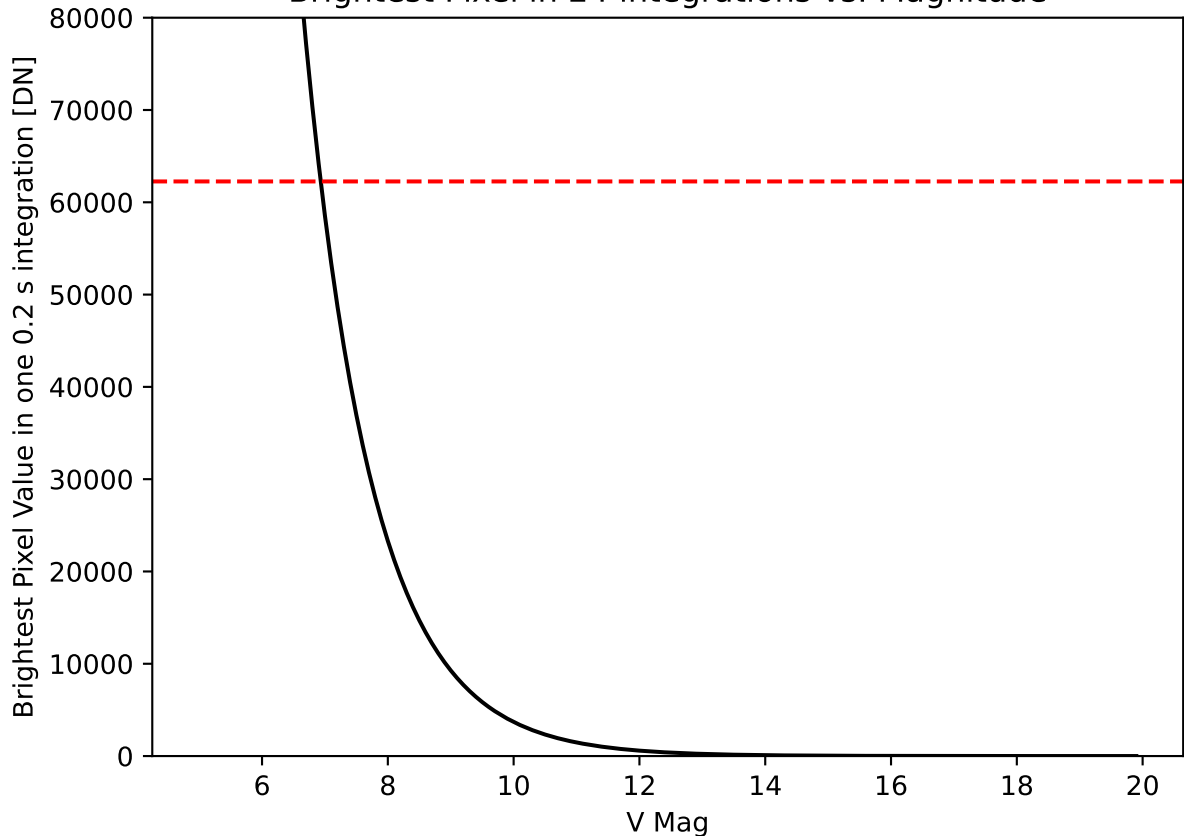
Test Requirements:

- Target Test V band Magnitude: 13.0
- Target Test  $T_{eff}$ : 3500.0 K
- Required Time on Target: 600s
- Required SNR: 1000.0

Additional Information:

- This document contains test results for a target star on the VISDA.
  - Generated using automated tests and visualizations.
  - This test uses CBE for all Pandora parameters
  - This test assumes no jitter motion between frames.

Brightest Pixel in 24 integrations vs. Magnitude



Signal to Noise Ratio vs. Magnitude

