

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

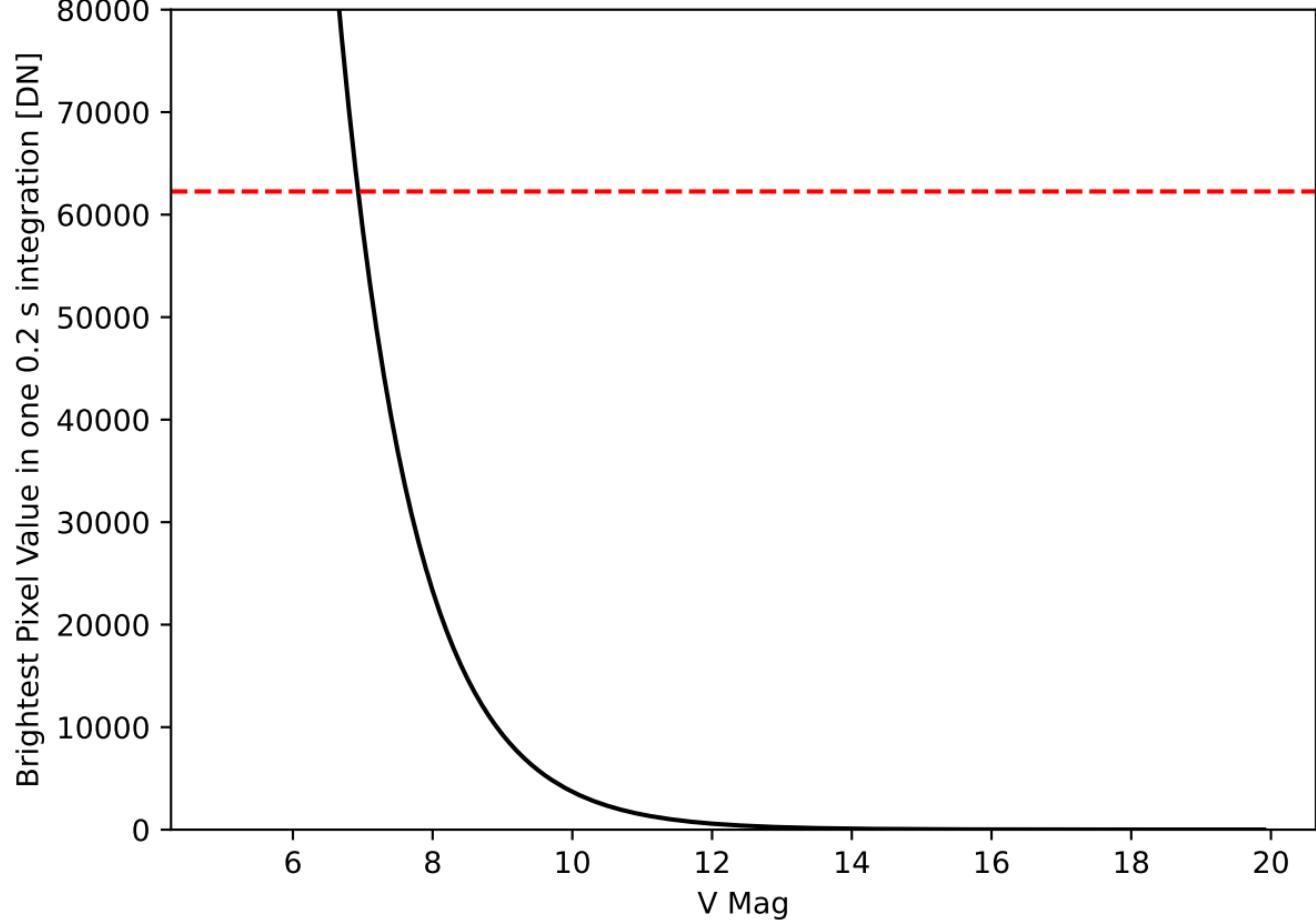
Test Requirements:

- 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

