

# V&V Summary Report

## L2 ASCDS Version : 10.2.2

Observation 16483 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Dec 12 2014

See axaff16483N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.12.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.2005313164592

## Comments

The guide star in slot 7 was removed from the aspect solution due to poor data quality. The aspect solution is improved by the removal of this guide star from the solution.

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Window constraint met.

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These data have been reprocessed with new aspect alignment calibration files that correct small mean offsets (up to 0.4 arcsecs) and improve overall astrometric accuracy. The new calibration was determined using data from the time period being reprocessed and was performed using cross-correlation of X-ray sources with radio and optical counterparts.

seq_num	291195	Sequence number
obs_id	16483	Observation id
title	AO-15 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235833	Observer's specified target RA [deg]
dec_targ	38.78475	Observer's specified target Dec [deg]
ra_nom	279.74329348436	Nominal RA [deg]
dec_nom	38.669914603403	Nominal Dec [deg]
roll_nom	163.84983222616	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1200.5313164592	[s]
livetime	504.76934682068	Ontime multiplied by DTCOR
l2events	214766	Number of level 2 events

