

# V&V Summary Report

## L2 ASCDS Version : 10.0.1

Observation 15420 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Dec 6 2014

See [axaff15420N003\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.12.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1841313146949

## Comments

The guide star in slot 5 was removed from the aspect solution due to poor data quality. The aspect solution is improved by the removal of this star from the solution.

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	291099	Sequence number
obs_id	15420	Observation id
title	AO-14 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.24721676865	Nominal RA [deg]
dec_nom	45.774538582808	Nominal Dec [deg]
roll_nom	208.52873956474	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1184.1313146949	[s]
livetime	1174.9266498785	Ontime multiplied by DTCOR
l2events	72724	Number of level 2 events

