

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 13459 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Nov 29 2014

See axaff13459N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.12.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	100.07097755837

## Comments

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	801102	Sequence number
obs_id	13459	Observation id
title	Abell 115: It Takes Two to Tango - The interaction of Relativistic and Thermal Plasma in a Merging Subcluster	Proposal title
observer	Dr. william forman	Principal investigator
object	Abell 115	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	14.015458	Observer's specified target RA [deg]
dec_targ	26.381681	Observer's specified target Dec [deg]
ra_nom	13.956374542646	Nominal RA [deg]
dec_nom	26.370197481618	Nominal Dec [deg]
roll_nom	265.23494351216	Nominal Roll [deg]
revision	2	Processing version of data
ontime	100070.97755837	Sum of GTIs [s]
livetime	98763.476565392	Livetime [s]
ontime0	100067.83653855	Sum of GTIs [s]
ontime1	100070.97758883	Sum of GTIs [s]
ontime2	100077.25970936	Sum of GTIs [s]
ontime3	100070.97755837	Sum of GTIs [s]
ontime6	100067.83653855	Sum of GTIs [s]
l2events	365024	Number of level 2 events

