

# V&V Summary Report

## L2 ASCDS Version : 10.1.1

Observation 16303 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 8 2014

See axaff16303N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.12.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	50.068062784493

## 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	801430	Sequence number
obs_id	16303	Observation id
title	Deep Chandra Observations of a Small-Separation z=0.72 Merging Galaxy Cluster	Proposal title
observer	Dr Stephen Murray	Principal investigator
object	SDSS J022830.25+003027.9	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	37.125833	Observer's specified target RA [deg]
dec_targ	0.507778	Observer's specified target Dec [deg]
ra_nom	37.128851187988	Nominal RA [deg]
dec_nom	0.5075598231395	Nominal Dec [deg]
roll_nom	298.40842302765	Nominal Roll [deg]
revision	2	Processing version of data
ontime	50068.062784493	Sum of GTIs [s]
livetime	49413.886684642	Livetime [s]
ontime2	50064.757584214	Sum of GTIs [s]
ontime3	50061.657583714	Sum of GTIs [s]
ontime5	50068.02174449	Sum of GTIs [s]
ontime6	50064.839664161	Sum of GTIs [s]
ontime7	50068.062784493	Sum of GTIs [s]
l2events	392255	Number of level 2 events

