

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 13491 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Nov 27 2014

See axaff13491N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.12.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	72.071777503073

## 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	801132	Sequence number
obs_id	13491	Observation id
title	Cosmology and Cluster Evolution from the 80 Most Massive Clusters in 2000 deg <sup>2</sup> from the South Pole Telescope Survey	Proposal title
observer	Dr. Bradford Benson	Principal investigator
object	SPT-CLJ0123-4821	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	20.79	Observer's specified target RA [deg]
dec_targ	-48.355389	Observer's specified target Dec [deg]
ra_nom	20.859046247464	Nominal RA [deg]
dec_nom	-48.326142974619	Nominal Dec [deg]
roll_nom	30.184701811413	Nominal Roll [deg]
revision	2	Processing version of data
ontime	72071.777503073	Sum of GTIs [s]
livetime	71130.106671525	Livetime [s]
ontime0	72078.059524119	Sum of GTIs [s]
ontime1	72081.200554371	Sum of GTIs [s]
ontime2	72074.918513715	Sum of GTIs [s]
ontime3	72071.777503073	Sum of GTIs [s]
ontime6	72071.777483284	Sum of GTIs [s]
l2events	191906	Number of level 2 events

