

# V&V Summary Report

## L2 ASCDS Version : 8.5.1.1

Observation 15084 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 1 2014

See axaff15084N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.12.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.068995779097

## 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	801216	Sequence number
obs_id	15084	Observation id
title	The front in Abell 1033, a cluster with a speeding BCG	Proposal ti
observer	Dr Fabio Gastaldello	Principal investigator
object	Abell 1033	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	157.939167	Observer's specified target RA [deg]
dec_targ	35.037694	Observer's specified target Dec [deg]
ra_nom	157.90277868271	Nominal RA [deg]
dec_nom	35.04980299831	Nominal Dec [deg]
roll_nom	173.22959553404	Nominal Roll [deg]
revision	2	Processing version of data
ontime	30068.995779097	Sum of GTIs [s]
livetime	29676.122212771	Livetime [s]
ontime0	30065.731598854	Sum of GTIs [s]
ontime1	30068.91369909	Sum of GTIs [s]
ontime2	30059.531627893	Sum of GTIs [s]
ontime3	30068.995779097	Sum of GTIs [s]
ontime7	30069.0368191	Sum of GTIs [s]
l2events	185695	Number of level 2 events

