

# V&V Summary Report

## L2 ASCDS Version : 10.4.3.1

Observation 18755 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Feb 5 2016

See [axaff18755N002-VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.02.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	49.079159297347

## Comments

Optional chip S2 was dropped.

A spatial region of the original bias map for CCD = 3 suffered from anomalously high data values. Pixels in the event data that were bias-corrected by one of the original affected bias pixels may have an apparent energy shift. While the change in energy is expected to be small (~20 eV), it depends on many parameters that have not yet been fully explored for this bias anomaly. The bias map for CCD = 3 has been reconstructed for this processing to remove this anomaly using scaled data from a comparable bias map from another observation.

The pixels affected by the anomaly are bounded by sky coords:

(176.05004, 19.63811), (176.05264, 19.63795), (176.05306, 19.64407),  
(176.05435, 19.70001).

seq_num	801481	Sequence number
obs_id	18755	Observation id
title	Probing the Physics of the ICM in the Dynamically Young Cluster A1367	Proposal title
observer	Dr. William Forman	Principal investigator
object	Abell 1367	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	176.16074	Observer's specified target RA [deg]
dec_targ	19.771585	Observer's specified target Dec [deg]
ra_nom	176.15904268722	Nominal RA [deg]
dec_nom	19.771962716071	Nominal Dec [deg]
roll_nom	86.209265832492	Nominal Roll [deg]
revision	2	Processing version of data
ontime	49079.159297347	Sum of GTIs [s]
livetime	48437.903949576	Livetime [s]
ontime0	49079.159287333	Sum of GTIs [s]
ontime1	49082.300377607	Sum of GTIs [s]
ontime2	49069.736046433	Sum of GTIs [s]
ontime3	49079.159297347	Sum of GTIs [s]
l2events	211885	Number of level 2 events

