

# V&V Summary Report

## L2 ASCDS Version : 10.3.1

Observation 16147 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Jan 16 2015

See axaff16147N001\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.01.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.1429000396729

## Comments

Aspect Team Review:

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The yellow-limit warnings on slots 3, 4, and 7 are acceptable. I have reprocessed this on the side excluding combinations of these slots and don't see any processing path that creates significant improvement of the aspect solution. I note that slots 3 and 4 are marked bad because they have missing data:

```
ACA_ID_IMAGE: WARNING, not enough good samples  
found for slot # 3 only 93.713 percent of records tracked  
ACA_ID_IMAGE: WARNING, n_star_pred=5 != n_star_obs=3  
ACA_ID_IMAGE: WARNING, not enough good samples  
found for slot # 4 only 94.170 percent of records tracked
```

but they were still used in the solution and may stay.

seq_num	801400	Sequence number
obs_id	16147	Observation id
title	Setting the Scale: Supporting precision cluster cosmology with Chandra observations of low-z lensing clusters	Proposal title
observer	Dr Adam Mantz	Principal investigator
object	A961	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	154.085	Observer's specified target RA [deg]
dec_targ	33.641	Observer's specified target Dec [deg]
ra_nom	154.0993568956	Nominal RA [deg]
dec_nom	33.672060920832	Nominal Dec [deg]
roll_nom	102.58727116326	Nominal Roll [deg]
revision	1	Processing version of data
ontime	5142.9000396729	Sum of GTIs [s]
livetime	5075.7042645066	Livetime [s]
ontime0	5139.7590095997	Sum of GTIs [s]
ontime1	5142.9000396729	Sum of GTIs [s]
ontime2	5136.6179988384	Sum of GTIs [s]
ontime3	5142.9000396729	Sum of GTIs [s]
ontime6	5142.9000396729	Sum of GTIs [s]
l2events	13020	Number of level 2 events

