V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12904 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 6 2012

See axaff12904N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	33.374600256681

Comments

```
The data for this observation have been processed using the 'EDSER'
sub-pixel event-repositioning algorithm of Li et al. (2004, ApJ, 610,
1204). Small-scale features should become sharper for sources near the
aim point. The improvement will be less noticeable for off-axis sources
where the size of the point-spread function is comparable to or larger
than the size of an ACIS pixel. To take full advantage of the
improvement, images should be binned on spatial scales smaller than the
size of an ACIS pixel. Note that, at present, the point-spread function
has not been calibrated for data to which the EDSER algorithm has been
applied. If dither was disabled for the observation, then the algorithm
can introduce artificial aliasing effects on spatial scales smaller than
a pixel. If you would prefer to use no sub-pixel adjustment or to apply
a coordinate randomization, then use acis_process_events to reprocess
the data with the parameter pix_adj=NONE or RANDOMIZE, respectively.
```

seq_num	801041	Sequence number
obs_id	12904	Observation id
title	Abell 1882: A Proto-cluster at Low Redshift	Proposal title
observer	Professor Christopher Miller	Principal investigator
object	A1882a	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	213.7775	Observer's specified target RA [deg]
dec_targ	-0.491	Observer's specified target Dec [deg]
ra_nom	213.77536841173	Nominal RA [deg]
dec_nom	-0.48664910429597	Nominal Dec [deg]
roll_nom	84.424318480169	Nominal Roll [deg]
revision	2	Processing version of data
ontime	33374.600256681	Sum of GTIs [s]
livetime	32938.536534305	Livetime [s]
ontime2	33374.600256681	Sum of GTIs [s]
ontime3	33374.600256681	Sum of GTIs [s]
ontime5	33374.600256681	Sum of GTIs [s]
ontime6	33374.600256681	Sum of GTIs [s]
ontime7	33374.600256681	Sum of GTIs [s]
l2events	356598	Number of level 2 events