V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 13411 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 10 2012

See axaff13411N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.027912200689

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	890056	Sequence number
obs_id	13411	Observation id
title	Mapping the Spatial Distribution of the ACIS Contaminant	Proposal
observer	Dr. CXC Calibration	Principal investigator
object	E0102-72	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	16.01	Observer's specified target RA [deg]
dec_targ	-72.032028	Observer's specified target Dec [deg]
ra_nom	16.553938062951	Nominal RA [deg]
dec_nom	-72.171035823295	Nominal Dec [deg]
roll_nom	140.25817329937	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10027.912201881	Sum of GTIs [s]
livetime	9538.5828991548	Livetime [s]
ontime5	10027.912201881	Sum of GTIs [s]
l2events	45321	Number of level 2 events