V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12854 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 1 2012

See axaff12854N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	31.047911862433

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	702487	Sequence number
obs_id	12854	Observation id
title	Extreme Velocity Quasar Outflows and the Role of X-Ray Shielding	P
observer	Fred Hamann	Principal investigator
object	J084255.61+331822.58	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	130.731667	Observer's specified target RA [deg]
dec_targ	33.306278	Observer's specified target Dec [deg]
ra_nom	130.72735835747	Nominal RA [deg]
dec_nom	33.309529699124	Nominal Dec [deg]
roll_nom	106.2625205817	Nominal Roll [deg]
revision	2	Processing version of data
ontime	31047.911861956	Sum of GTIs [s]
livetime	30221.063562876	Livetime [s]
ontime7	31047.911861956	Sum of GTIs [s]
l2events	63210	Number of level 2 events