V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12942 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 8 2012

See axaff12942N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.0095997610092

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	900974	Sequence number
obs_id	12942	Observation id
title	Chandra Studies of Unidentified X-ray Sources in the Galactic Bulge	
observer	Dr. Hideyuki Mori	Principal investigator
object	1RXS J171405.2-202747	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	258.521667	Observer's specified target RA [deg]
dec_targ	-20.463056	Observer's specified target Dec [deg]
ra_nom	258.51900207875	Nominal RA [deg]
dec_nom	-20.458951928515	Nominal Dec [deg]
roll_nom	88.253645278094	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4009.5997610092	Sum of GTIs [s]
livetime	3636.4953392066	Livetime [s]
ontime7	4009.5997610092	Sum of GTIs [s]
l2events	5210	Number of level 2 events