V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12825 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 6 2012

See axaff12825N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.049804196119

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	702460	Sequence number
obs_id	12825	Observation id
title	X-ray follow-up of Seyferts with candidate dual supermassive black holes	Proposal title
observer	Dr. Brian Gerke	Principal investigator
object	SDSS J171544.05+600835.7	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	258.93375	Observer's specified target RA [deg]
dec_targ	60.14325	Observer's specified target Dec [deg]
ra_nom	258.92774248833	Nominal RA [deg]
dec_nom	60.147069432013	Nominal Dec [deg]
roll_nom	96.34253983104	Nominal Roll [deg]
revision	2	Processing version of data
ontime	30049.804194689	Sum of GTIs [s]
livetime	29669.295480156	Livetime [s]
ontime2	30049.845234692	Sum of GTIs [s]
ontime3	30049.681074679	Sum of GTIs [s]
ontime5	30049.763154685	Sum of GTIs [s]
ontime6	30049.722114682	Sum of GTIs [s]
ontime7	30049.804194689	Sum of GTIs [s]
ontime8	30049.640034676	Sum of GTIs [s]
l2events	335715	Number of level 2 events