V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12165 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 8 2012

See axaff12165N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	40.047017309368

Comments

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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.
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seq_num	702330	Sequence number
obs_id	12165	Observation id
title	A very complex seyfert 1 galaxy	Proposal title
observer	Prof. Claude Canizares	Principal investigator
object	Mkn 841	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	226.005	Observer's specified target RA [deg]
dec_targ	10.437778	Observer's specified target Dec [deg]
ra_nom	226.00030525722	Nominal RA [deg]
dec_nom	10.439264675757	Nominal Dec [deg]
roll_nom	130.65749319674	Nominal Roll [deg]
revision	2	Processing version of data
ontime	40047.017304301	Sum of GTIs [s]
livetime	39400.2232396	Livetime [s]
ontime4	40047.058344305	Sum of GTIs [s]
ontime5	40046.976264298	Sum of GTIs [s]
ontime6	40046.935224295	Sum of GTIs [s]
ontime7	40047.017304301	Sum of GTIs [s]
ontime8	40046.894184291	Sum of GTIs [s]
ontime9	40046.853144288	Sum of GTIs [s]
l2events	362318	Number of level 2 events