V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12556 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 6 2012

See axaff12556N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	23.046399914205

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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Source apparently located at ra= 18:32:50.45, dec= +00:29:05.4.
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seq_num	501389	Sequence number
obs_id	12556	Observation id
title	PSRJ 1832+0029: a unique target for pulsar emission physics	Propos
observer	Prof Duncan Lorimer	Principal investigator
object	J1832+0032	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	278.211667	Observer's specified target RA [deg]
dec_targ	0.490889	Observer's specified target Dec [deg]
ra_nom	278.2089091822	Nominal RA [deg]
dec_nom	0.4948798787722	Nominal Dec [deg]
roll_nom	92.926441281462	Nominal Roll [deg]
revision	2	Processing version of data
ontime	23046.399914205	Sum of GTIs [s]
livetime	22754.572521615	Livetime [s]
ontime2	23043.15891397	Sum of GTIs [s]
ontime3	23046.399914205	Sum of GTIs [s]
ontime5	23046.399914205	Sum of GTIs [s]
ontime6	23046.399914205	Sum of GTIs [s]
ontime7	23046.399914205	Sum of GTIs [s]
ontime8	23043.159053326	Sum of GTIs [s]
l2events	227617	Number of level 2 events