V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12853 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 7 2012

See axaff12853N002_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	5.0644999136925

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	702486		Sequence number
obs_id	12853		Observation id
title	X-ray properties of the Youngest Radio Sources		Proposal title
observer	Aneta Siemiginowska		Principal investigator
object	2021+614		Source name
dtycycle	0		&#160
cycle	P		events from which exps? Prim/Second/Both
ra_targ	305.527917		Observer's specified target RA [deg]
dec_targ	61.616333		Observer's specified target Dec [deg]
ra_nom	305.52551523565		Nominal RA [deg]
dec_nom	61.620989019038		Nominal Dec [deg]
roll_nom	72.553968083778		Nominal Roll [deg]
revision	2		Processing version of data
ontime	5064.4999136925		Sum of GTIs [s]
livetime	4784.0196744909		Livetime [s]
ontime2	5064.3489174247		Sum of GTIs [s]
ontime3	5064.4309974313		Sum of GTIs [s]
ontime6	5064.4720374346		Sum of GTIs [s]
ontime7	5064.4999136925		Sum of GTIs [s]
ontime8	5064.389957428		Sum of GTIs [s]
l2events	4451		Number of level 2 events