V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12267 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 7 2012

See axaff12267N002_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	20.057000154257

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	800986	Sequence number
obs_id	12267	Observation id
title	Chandra Observations of the ACT Sample of SZE-Selected Galaxy Clusters	Proposal title
observer	Prof John Hughes	Principal investigator
object	ACT J0641-4948	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	100.401667	Observer's specified target RA [deg]
dec_targ	-49.795417	Observer's specified target Dec [deg]
ra_nom	100.38712556993	Nominal RA [deg]
dec_nom	-49.848999269607	Nominal Dec [deg]
roll_nom	262.11778381399	Nominal Roll [deg]
revision	2	Processing version of data
ontime	20057.000154257	Sum of GTIs [s]
livetime	19794.940681493	Livetime [s]
ontime0	20057.000154257	Sum of GTIs [s]
ontime1	20057.000154257	Sum of GTIs [s]
ontime2	20057.000154257	Sum of GTIs [s]
ontime3	20057.000154257	Sum of GTIs [s]
ontime6	20057.000154257	Sum of GTIs [s]
l2events	61125	Number of level 2 events