V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 13215 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 2 2012

See axaff13215N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	45.04226898402

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	801027	Sequence number
obs_id	13215	Observation id
title	Chandra Study of the X-ray Bright Distant Galaxy Cluster XMMU J0954+1738 at z=0.83	Proposal title
observer	Prof. Dr. Hans Boehringer	Principal investigator
object	XMMU J0954+1738	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	148.57125	Observer's specified target RA [deg]
dec_targ	17.634972	Observer's specified target Dec [deg]
ra_nom	148.57743025036	Nominal RA [deg]
dec_nom	17.654965155512	Nominal Dec [deg]
roll_nom	78.154750630132	Nominal Roll [deg]
revision	2	Processing version of data
ontime	45042.26898253	Sum of GTIs [s]
livetime	44453.758578637	Livetime [s]
ontime2	45023.258820355	Sum of GTIs [s]
ontime3	45042.186902523	Sum of GTIs [s]
ontime6	45039.086912155	Sum of GTIs [s]
ontime7	45042.26898253	Sum of GTIs [s]
ontime8	45039.005011678	Sum of GTIs [s]
l2events	303686	Number of level 2 events