V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12714 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 2 2012

See axaff12714N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.064599828541

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	702350	Sequence number
obs_id	12714	Observation id
title	First X-ray observations of Low-Power Compact Steep Spectrum Sources	&#160
observer	Dr Magdalena Kunert-Bajraszewska	Principal investigator
object	0942+355	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	146.357917	Observer's specified target RA [deg]
dec_targ	35.350972	Observer's specified target Dec [deg]
ra_nom	146.35232142755	Nominal RA [deg]
dec_nom	35.352794969766	Nominal Dec [deg]
roll_nom	126.18059060254	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10064.599828541	Sum of GTIs [s]
livetime	9507.2059267771	Livetime [s]
ontime2	10064.505327702	Sum of GTIs [s]
ontime3	10064.587407708	Sum of GTIs [s]
ontime6	10064.599828541	Sum of GTIs [s]
ontime7	10064.599828541	Sum of GTIs [s]
ontime8	10064.546367705	Sum of GTIs [s]
l2events	9897	Number of level 2 events