V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12987 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 12 2012

See axaff12987N001_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	16.57327950865

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	600955	Sequence number
obs_id	12987	Observation id
title	The most luminous ULXs	Proposal title
observer	Mr. Andrew Sutton	Principal investigator
object	2XMM J151558.6+561810	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	228.994583	Observer's specified target RA [deg]
dec_targ	56.303028	Observer's specified target Dec [deg]
ra_nom	228.99018041219	Nominal RA [deg]
dec_nom	56.304796503609	Nominal Dec [deg]
roll_nom	86.460300484795	Nominal Roll [deg]
revision	1	Processing version of data
ontime	16573.27950865	Sum of GTIs [s]
livetime	15977.185251626	Livetime [s]
ontime2	16573.320548654	Sum of GTIs [s]
ontime3	16573.15638864	Sum of GTIs [s]
ontime5	16573.238468647	Sum of GTIs [s]
ontime6	16573.197428644	Sum of GTIs [s]
ontime7	16573.27950865	Sum of GTIs [s]
ontime8	16573.115348637	Sum of GTIs [s]
l2events	48007	Number of level 2 events