V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12619 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 8 2012

See axaff12619N002_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	48.052889041483

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	501452	Sequence number
obs_id	12619	Observation id
title	Jet-breaks in short GRBs	Proposal title
observer	Dr. Eleonora Troja	Principal investigator
object	GRB110402A	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	197.402667	Observer's specified target RA [deg]
dec_targ	61.252694	Observer's specified target Dec [deg]
ra_nom	197.39505115902	Nominal RA [deg]
dec_nom	61.249511070056	Nominal Dec [deg]
roll_nom	189.26330269061	Nominal Roll [deg]
revision	2	Processing version of data
ontime	48052.889038801	Sum of GTIs [s]
livetime	47444.414423816	Livetime [s]
ontime2	48049.68907845	Sum of GTIs [s]
ontime3	48052.765918791	Sum of GTIs [s]
ontime5	48052.847998798	Sum of GTIs [s]
ontime6	48052.806958795	Sum of GTIs [s]
ontime7	48052.889038801	Sum of GTIs [s]
ontime8	48052.724878788	Sum of GTIs [s]
l2events	517918	Number of level 2 events