

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 13256 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 8 2012

See axaff13256N002-VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	27.052531092048

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.

=====

Monitor constraint met.

seq_num	501452	Sequence number
obs_id	13256	Observation id
title	Jet-breaks in short GRBs	Proposal title
observer	Dr. Eleonora Troja	Principal investigator
object	GRB110402A	Source name
dtcycle	0	
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	197.39507049594	Nominal RA [deg]
dec_nom	61.249527213626	Nominal Dec [deg]
roll_nom	189.26328697923	Nominal Roll [deg]
revision	2	Processing version of data
ontime	27052.531094432	Sum of GTIs [s]
livetime	26709.975656636	Livetime [s]
ontime2	27052.572134435	Sum of GTIs [s]
ontime3	27045.92601347	Sum of GTIs [s]
ontime5	27052.490054429	Sum of GTIs [s]
ontime6	27052.449014425	Sum of GTIs [s]
ontime7	27052.531094432	Sum of GTIs [s]
ontime8	27045.884963691	Sum of GTIs [s]
l2events	292199	Number of level 2 events

