

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12919 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 6 2012

See axaff12919N002-VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.049599943995

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.

=====

Joint proposal: HST

seq_num	900952	Sequence number
obs_id	12919	Observation id
title	The differing environments of dark gamma-ray bursts	Proposal title
observer	Dr Andrew Levan	Principal investigator
object	GRB110312A	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	157.481125	Observer's specified target RA [deg]
dec_targ	-5.262556	Observer's specified target Dec [deg]
ra_nom	157.48437689553	Nominal RA [deg]
dec_nom	-5.2662063489977	Nominal Dec [deg]
roll_nom	280.03426427304	Nominal Roll [deg]
revision	2	Processing version of data
ontime	15049.599943995	Sum of GTIs [s]
livetime	14859.032847723	Livetime [s]
ontime2	15046.358923614	Sum of GTIs [s]
ontime3	15046.358903766	Sum of GTIs [s]
ontime5	15049.599943995	Sum of GTIs [s]
ontime6	15049.599943995	Sum of GTIs [s]
ontime7	15049.599943995	Sum of GTIs [s]
ontime8	15049.599943995	Sum of GTIs [s]
l2events	170946	Number of level 2 events

