

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12202 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 5 2012

See [axaff12202N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	37.048100284934

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	800964	Sequence number
obs_id	12202	Observation id
title	Distant Calibration Clusters for eROSITA	Proposal title
observer	Dr. Peter Predehl	Principal investigator
object	XMMU J1243+1313 & J1243+1311	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	190.825	Observer's specified target RA [deg]
dec_targ	13.208333	Observer's specified target Dec [deg]
ra_nom	190.81720807397	Nominal RA [deg]
dec_nom	13.240782771694	Nominal Dec [deg]
roll_nom	106.08018905013	Nominal Roll [deg]
revision	2	Processing version of data
ontime	37048.100284934	Sum of GTIs [s]
livetime	36564.039580297	Livetime [s]
ontime3	37044.959254563	Sum of GTIs [s]
ontime5	37048.100284934	Sum of GTIs [s]
ontime6	37048.100284934	Sum of GTIs [s]
ontime7	37048.100284934	Sum of GTIs [s]
ontime8	37048.100284934	Sum of GTIs [s]
l2events	406549	Number of level 2 events

