

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12719 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 9 2012

See axaff12719N002-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	10.065861766815

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	702355	Sequence number
obs_id	12719	Observation id
title	First X-ray observations of Low-Power Compact Steep Spectrum Sources	
observer	Dr Magdalena Kunert-Bajraszewska	Principal investigator
object	1558+536	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	239.865417	Observer's specified target RA [deg]
dec_targ	53.515194	Observer's specified target Dec [deg]
ra_nom	239.85751529636	Nominal RA [deg]
dec_nom	53.513986131482	Nominal Dec [deg]
roll_nom	162.89549813263	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10065.861762226	Sum of GTIs [s]
livetime	9508.3979725223	Livetime [s]
ontime2	10065.697602212	Sum of GTIs [s]
ontime3	10065.779682219	Sum of GTIs [s]
ontime6	10065.820722222	Sum of GTIs [s]
ontime7	10065.861762226	Sum of GTIs [s]
ontime8	10065.738642216	Sum of GTIs [s]
l2events	8853	Number of level 2 events

