

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12158 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 7 2012

See [axaff12158N002-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	10.054399962604

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	702328	Sequence number
obs_id	12158	Observation id
title	Snapshot survey of 3CRR radio galaxies	Proposal title
observer	Dr Stephen Murray	Principal investigator
object	4C 14.11	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	63.624167	Observer's specified target RA [deg]
dec_targ	14.273333	Observer's specified target Dec [deg]
ra_nom	63.627131815435	Nominal RA [deg]
dec_nom	14.269472534376	Nominal Dec [deg]
roll_nom	275.10487534198	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10054.399962604	Sum of GTIs [s]
livetime	9927.0850962447	Livetime [s]
ontime2	10054.399962604	Sum of GTIs [s]
ontime3	10054.399962604	Sum of GTIs [s]
ontime5	10054.399962604	Sum of GTIs [s]
ontime6	10054.399962604	Sum of GTIs [s]
ontime7	10054.399962604	Sum of GTIs [s]
ontime8	10054.399962604	Sum of GTIs [s]
l2events	106624	Number of level 2 events

