

# V&V Summary Report

## L2 ASCDS Version : 8.4.3

Observation 12834 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Feb 26 2012

See [axaff12834N002\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.009599105358

## Comments

The EXPOSURE (and LIVETIME) are 13612.914 s, which is 90.6947% (DTCOR) of the ONTIME of 15009.599 s. The reason that DTCOR is about 0.91 instead of about 0.99 is that the frame time is only 0.4 s. Since the frame transfer time is 0.04104 s, the fraction of the time spent in the static exposure is  $0.4 / (0.4 + 0.04104) = 0.906947$ . The EXPOSURE is consistent with the exposure expected if one counts the total number of valid frames (34035) and multiplies by the static exposure time (43104 vbh.26131.axaff12834 0.4 s = 13614 s).

seq_num	702467	Sequence number
obs_id	12834	Observation id
title	Energy Dependent X-ray Microlensing	Proposal title
observer	Dr. Christopher Kochanek	Principal investigator
object	RXJ1131-1231	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	172.965	Observer's specified target RA [deg]
dec_targ	-12.5325	Observer's specified target Dec [deg]
ra_nom	172.9627932393	Nominal RA [deg]
dec_nom	-12.530424178421	Nominal Dec [deg]
roll_nom	78.722127372746	Nominal Roll [deg]
revision	2	Processing version of data
ontime	15009.599105358	Sum of GTIs [s]
livetime	13612.914116958	Livetime [s]
ontime7	15009.599105358	Sum of GTIs [s]
l2events	14513	Number of level 2 events

