

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 14408 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Nov 28 2014

See axaff14408N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.12.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.561219655991

## Comments

These data have been reprocessed with new aspect alignment calibration files that correct small mean offsets (up to 0.4 arcsecs) and improve overall astrometric accuracy. The new calibration was determined using data from the time period being reprocessed and was performed using cross-correlation of X-ray sources with radio and optical counterparts.

seq_num	801080	Sequence number
obs_id	14408	Observation id
title	4C73.18: Catching a black hole as it transitions from very bright to very dim	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	4C73.18	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	291.952083	Observer's specified target RA [deg]
dec_targ	73.967111	Observer's specified target Dec [deg]
ra_nom	291.96129368633	Nominal RA [deg]
dec_nom	73.968863005215	Nominal Dec [deg]
roll_nom	271.00824312046	Nominal Roll [deg]
revision	2	Processing version of data
ontime	15561.219655991	Sum of GTIs [s]
livetime	15357.900865182	Livetime [s]
ontime3	15554.814495385	Sum of GTIs [s]
ontime5	15561.178615987	Sum of GTIs [s]
ontime6	15561.137575984	Sum of GTIs [s]
ontime7	15561.219655991	Sum of GTIs [s]
ontime8	15557.914475739	Sum of GTIs [s]
l2events	135227	Number of level 2 events

