

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 14471 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Nov 27 2014

See axaff14471N003\_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	14.070639339209

## Comments

Joint proposal with HST.

The guide star in slot 6 was removed from the aspect solution due to poor data quality. The aspect solution is improved by the removal of this star from the solution.

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	401436	Sequence number
obs_id	14471	Observation id
title	Constraining the irradiated disk and the nature of the companion star in an ultraluminous X-ray source	Proposal title
observer	Dr. Fabien Grise	Principal investigator
object	Holmberg IX X-1	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	149.472083	Observer's specified target RA [deg]
dec_targ	69.063361	Observer's specified target Dec [deg]
ra_nom	149.54982640607	Nominal RA [deg]
dec_nom	69.084755266464	Nominal Dec [deg]
roll_nom	33.555938340446	Nominal Roll [deg]
revision	3	Processing version of data
ontime	14070.639339209	Sum of GTIs [s]
livetime	12761.327171421	Livetime [s]
ontime7	14070.639339209	Sum of GTIs [s]
l2events	23804	Number of level 2 events

