

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 14489 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Nov 29 2014

See axaff14489N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.12.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	38.064215349615

## Comments

Joint proposal with HST.

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	702726	Sequence number
obs_id	14489	Observation id
title	ENERGY DEPENDENT X-RAY MICROLENSING AND THE STRUCTURE OF QUASARS	P
observer	Prof. Christopher Kochanek	Principal investigator
object	HE0435-1223	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	69.562083	Observer's specified target RA [deg]
dec_targ	-12.287333	Observer's specified target Dec [deg]
ra_nom	69.56329095081	Nominal RA [deg]
dec_nom	-12.28454473823	Nominal Dec [deg]
roll_nom	9.125382362889	Nominal Roll [deg]
revision	2	Processing version of data
ontime	38064.215349615	Sum of GTIs [s]
livetime	37166.961180872	Livetime [s]
ontime2	38064.051189601	Sum of GTIs [s]
ontime3	38064.133269608	Sum of GTIs [s]
ontime6	38062.433269441	Sum of GTIs [s]
ontime7	38064.215349615	Sum of GTIs [s]
ontime8	38064.092229605	Sum of GTIs [s]
l2events	100637	Number of level 2 events

