

# V&V Summary Report

## L2 ASCDS Version : 8.5.1.1

Observation 14490 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 2 2014

See axaff14490N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.12.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	37.06339974016

## 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	702727	Sequence number
obs_id	14490	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	69.564299893091	Nominal RA [deg]
dec_nom	-12.289435124257	Nominal Dec [deg]
roll_nom	258.40773149555	Nominal Roll [deg]
revision	2	Processing version of data
ontime	37063.39974016	Sum of GTIs [s]
livetime	36189.736914873	Livetime [s]
ontime2	37063.39974016	Sum of GTIs [s]
ontime3	37063.39974016	Sum of GTIs [s]
ontime6	37058.176719666	Sum of GTIs [s]
ontime7	37063.39974016	Sum of GTIs [s]
ontime8	37063.39974016	Sum of GTIs [s]
l2events	106862	Number of level 2 events

