

# V&V Summary Report

## L2 ASCDS Version : 10.2.1

Observation 14504 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 10 2014

See axaff14504N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.12.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.065448880494

## Comments

Joint proposal with HST.

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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	702741	Sequence number
obs_id	14504	Observation id
title	ENERGY DEPENDENT X-RAY MICROLENSING AND THE STRUCTURE OF QUASARS	P
observer	Prof. Christopher Kochanek	Principal investigator
object	HE1104-1805	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	166.639583	Observer's specified target RA [deg]
dec_targ	-18.356722	Observer's specified target Dec [deg]
ra_nom	166.64275163255	Nominal RA [deg]
dec_nom	-18.356261789444	Nominal Dec [deg]
roll_nom	311.45198133182	Nominal Roll [deg]
revision	2	Processing version of data
ontime	14065.448880494	Sum of GTIs [s]
livetime	13733.896462367	Livetime [s]
ontime2	14065.28472048	Sum of GTIs [s]
ontime3	14065.366800487	Sum of GTIs [s]
ontime6	14065.40784049	Sum of GTIs [s]
ontime7	14065.448880494	Sum of GTIs [s]
ontime8	14065.325760484	Sum of GTIs [s]
l2events	47790	Number of level 2 events

