

# V&V Summary Report

## L2 ASCDS Version : 10

Observation 16316 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 6 2014

See axaff16316N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.12.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.065699929476

## Comments

Joint Proposal with HST. Monitor constraint met.

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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	702752	Sequence number
obs_id	16316	Observation id
title	ENERGY DEPENDENT X-RAY MICROLENSING AND THE STRUCTURE OF QUASARS	P
observer	Prof. Christopher Kochanek	Principal investigator
object	Q2237+0305	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	340.12625	Observer's specified target RA [deg]
dec_targ	3.358	Observer's specified target Dec [deg]
ra_nom	340.12381801076	Nominal RA [deg]
dec_nom	3.356121116585	Nominal Dec [deg]
roll_nom	160.15675119143	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10065.699929476	Sum of GTIs [s]
livetime	9828.4300648514	Livetime [s]
ontime2	10065.682870209	Sum of GTIs [s]
ontime3	10065.699929476	Sum of GTIs [s]
ontime6	10065.699929476	Sum of GTIs [s]
ontime7	10065.699929476	Sum of GTIs [s]
ontime8	10065.699929476	Sum of GTIs [s]
l2events	25770	Number of level 2 events

