

# V&V Summary Report

## L2 ASCDS Version : 10.2.1

Observation 16589 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 10 2014

See axaff16589N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.12.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.060000149965

## Comments

Window preference met.

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	590537	Sequence number
obs_id	16589	Observation id
title	AO-15 Calibration Observations of E0102-72	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	E0102-72 S3,-120,1,0,0	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	16.01	Observer's specified target RA [deg]
dec_targ	-72.032028	Observer's specified target Dec [deg]
ra_nom	16.049193113289	Nominal RA [deg]
dec_nom	-72.028198522833	Nominal Dec [deg]
roll_nom	190.65321570875	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10060.000149965	Sum of GTIs [s]
liveltime	9569.1050603684	Livetime [s]
ontime7	10060.000149965	Sum of GTIs [s]
l2events	48182	Number of level 2 events

