

# V&V Summary Report

## L2 ASCDS Version : 10.1.1

Observation 14989 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 8 2014

See axaff14989N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.12.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.069598803759

## Comments

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	702797	Sequence number
obs_id	14989	Observation id
title	Chandra Confirmation of Candidate Inspiring, Binary, or Recoiling Black Holes in Nearby Galaxies	Proposal title
observer	Jeremy Darling	Principal investigator
object	4C+66.24	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	329.260417	Observer's specified target RA [deg]
dec_targ	66.437056	Observer's specified target Dec [deg]
ra_nom	329.26732841355	Nominal RA [deg]
dec_nom	66.435848343033	Nominal Dec [deg]
roll_nom	278.96266523464	Nominal Roll [deg]
revision	2	Processing version of data
ontime	20069.598803759	Sum of GTIs [s]
livetime	18202.066754724	Livetime [s]
ontime7	20069.598803759	Sum of GTIs [s]
l2events	8364	Number of level 2 events

