

# V&V Summary Report

## L2 ASCDS Version : 10.2.2

Observation 16130 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 11 2014

See axaff16130N002\_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	60.071800462008

## 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	801384	Sequence number
obs_id	16130	Observation id
title	Powerful radio galaxies in rich clusters	Proposal title
observer	Dr Martin Hardcastle	Principal investigator
object	3C320	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	232.855833	Observer's specified target RA [deg]
dec_targ	35.561167	Observer's specified target Dec [deg]
ra_nom	232.8544177265	Nominal RA [deg]
dec_nom	35.558368223262	Nominal Dec [deg]
roll_nom	190.15745068121	Nominal Roll [deg]
revision	2	Processing version of data
ontime	60071.800462008	Sum of GTIs [s]
livetime	59286.918164755	Livetime [s]
ontime2	60062.377301037	Sum of GTIs [s]
ontime3	60065.518411398	Sum of GTIs [s]
ontime6	60068.659441769	Sum of GTIs [s]
ontime7	60071.800462008	Sum of GTIs [s]
ontime8	60065.518391311	Sum of GTIs [s]
l2events	265541	Number of level 2 events

