

# V&V Summary Report

## L2 ASCDS Version : 10.2.1

Observation 16565 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 9 2014

See axaff16565N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.12.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	21.067600162029

## 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	801311	Sequence number
obs_id	16565	Observation id
title	RESOLVING KELVIN-HELMHOLTZ INSTABILITIES IN CLUSTER COLD FRONTS	Pr
observer	Dr Maxim Markevitch	Principal investigator
object	A2142	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	239.581667	Observer's specified target RA [deg]
dec_targ	27.226111	Observer's specified target Dec [deg]
ra_nom	239.58337568866	Nominal RA [deg]
dec_nom	27.258863732738	Nominal Dec [deg]
roll_nom	60.155838991467	Nominal Roll [deg]
revision	2	Processing version of data
ontime	21067.600162029	Sum of GTIs [s]
livetime	20792.336456171	Livetime [s]
ontime2	21067.600162029	Sum of GTIs [s]
ontime3	21064.45919168	Sum of GTIs [s]
ontime5	21067.600162029	Sum of GTIs [s]
ontime6	21061.318221331	Sum of GTIs [s]
ontime7	21067.600162029	Sum of GTIs [s]
l2events	346701	Number of level 2 events

