

# V&V Summary Report

## L2 ASCDS Version : 10.2.1

Observation 16587 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 10 2014

See axaff16587N002\_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	37.844045872152

## 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	801305	Sequence number
obs_id	16587	Observation id
title	Resolving the nearest cold front in the sky: the cleanest experimental tool to study detailed ICM physics	Proposal title
observer	Dr. Norbert Werner	Principal investigator
object	Virgo cold front	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	187.52067	Observer's specified target RA [deg]
dec_targ	12.664798	Observer's specified target Dec [deg]
ra_nom	187.52244817376	Nominal RA [deg]
dec_nom	12.685834799692	Nominal Dec [deg]
roll_nom	90.208300800941	Nominal Roll [deg]
revision	2	Processing version of data
ontime	37844.045872152	Sum of GTIs [s]
livetime	37349.585552451	Livetime [s]
ontime0	37840.781711817	Sum of GTIs [s]
ontime1	37837.681751668	Sum of GTIs [s]
ontime2	37844.004832149	Sum of GTIs [s]
ontime3	37844.045872152	Sum of GTIs [s]
l2events	194514	Number of level 2 events

