

V&V Summary Report

L2 ASCDS Version : 10.2.1

Observation 16590 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 10 2014

See [axaff16590N002_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	38.086559252679

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	16590	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	
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	187.52150023018	Nominal RA [deg]
dec_nom	12.685895550583	Nominal Dec [deg]
roll_nom	92.708513644036	Nominal Roll [deg]
revision	2	Processing version of data
ontime	38086.559252679	Sum of GTIs [s]
livetime	37588.930317126	Livetime [s]
ontime0	38089.700292945	Sum of GTIs [s]
ontime1	38089.700292945	Sum of GTIs [s]
ontime2	38083.41825223	Sum of GTIs [s]
ontime3	38086.559252679	Sum of GTIs [s]
l2events	215396	Number of level 2 events

