

# V&V Summary Report

## L2 ASCDS Version : 10.2.1

Observation 16092 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 11 2014

See axaff16092N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.12.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	171.45790131867

## 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	702981	Sequence number
obs_id	16092	Observation id
title	THE NUCLEAR FE- K SOURCES OF THE MERGER ULIRG ARP220	Proposal titl
observer	Dr. Giuseppina Fabbiano	Principal investigator
object	Arp220	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	233.737917	Observer's specified target RA [deg]
dec_targ	23.503056	Observer's specified target Dec [deg]
ra_nom	233.7351693746	Nominal RA [deg]
dec_nom	23.501380365093	Nominal Dec [deg]
roll_nom	156.19930744489	Nominal Roll [deg]
revision	2	Processing version of data
ontime	171457.90131867	Sum of GTIs [s]
livetime	169217.67761247	Livetime [s]
ontime2	171454.76027876	Sum of GTIs [s]
ontime3	171442.19614708	Sum of GTIs [s]
ontime6	171451.61923772	Sum of GTIs [s]
ontime7	171457.90131867	Sum of GTIs [s]
l2events	732688	Number of level 2 events

