

# V&V Summary Report

## L2 ASCDS Version : 10.2.1

Observation 15105 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 10 2014

See axaff15105N002\_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	14.07944366461

## 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	801234	Sequence number
obs_id	15105	Observation id
title	A Chandra-Planck Legacy Program for Massive Clusters of Galaxies	P
observer	Dr. Christine Jones	Principal investigator
object	G163.72+53.53	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	155.61375	Observer's specified target RA [deg]
dec_targ	50.104528	Observer's specified target Dec [deg]
ra_nom	155.53747018074	Nominal RA [deg]
dec_nom	50.128373590236	Nominal Dec [deg]
roll_nom	151.67715418984	Nominal Roll [deg]
revision	2	Processing version of data
ontime	14079.44366461	Sum of GTIs [s]
livetime	13895.485367997	Livetime [s]
ontime0	14085.602665484	Sum of GTIs [s]
ontime1	14079.361594915	Sum of GTIs [s]
ontime2	14085.684745491	Sum of GTIs [s]
ontime3	14079.44366461	Sum of GTIs [s]
ontime6	14085.561625481	Sum of GTIs [s]
l2events	43861	Number of level 2 events

