

# V&V Summary Report

## L2 ASCDS Version : 10.2.2

Observation 16195 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 11 2014

See [axaff16195N002\\_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	44.974702449799

## 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	901116	Sequence number
obs_id	16195	Observation id
title	The Tarantula -- Revealed by X-rays (T-ReX): A Definitive Chandra Investigation of 30 Doradus	Proposal title
observer	Dr. Leisa Townsley	Principal investigator
object	30 Doradus	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	84.676667	Observer's specified target RA [deg]
dec_targ	-69.100806	Observer's specified target Dec [deg]
ra_nom	84.659180634753	Nominal RA [deg]
dec_nom	-69.105945432519	Nominal Dec [deg]
roll_nom	202.14005259366	Nominal Roll [deg]
revision	2	Processing version of data
ontime	44974.702449799	Sum of GTIs [s]
livetime	44405.205686865	Livetime [s]
ontime0	44974.579329789	Sum of GTIs [s]
ontime1	44974.620369792	Sum of GTIs [s]
ontime2	44971.420429468	Sum of GTIs [s]
ontime3	44974.702449799	Sum of GTIs [s]
ontime6	44974.784529805	Sum of GTIs [s]
ontime7	44974.743489802	Sum of GTIs [s]
l2events	439718	Number of level 2 events

