

# V&V Summary Report

## L2 ASCDS Version : 10.2.2

Observation 16193 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 11 2014

See axaff16193N002\_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	76.968078711569

## 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	16193	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	84.663829386214	Nominal RA [deg]
dec_nom	-69.107463073918	Nominal Dec [deg]
roll_nom	218.19669203212	Nominal Roll [deg]
revision	2	Processing version of data
ontime	76968.078711569	Sum of GTIs [s]
livetime	75993.46255431	Livetime [s]
ontime0	76964.714581251	Sum of GTIs [s]
ontime1	76971.237601936	Sum of GTIs [s]
ontime2	76968.037641704	Sum of GTIs [s]
ontime3	76968.078711569	Sum of GTIs [s]
ontime6	76968.160791576	Sum of GTIs [s]
ontime7	76971.360721946	Sum of GTIs [s]
l2events	696269	Number of level 2 events

