

# V&V Summary Report

## L2 ASCDS Version : 8.4.3

Observation 5397 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Apr 12 2012

See axaff05397N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.04.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.37759

## Comments

This is one of 7 obsids of this target. The zeroth order has been set to

x=4110.56, y=4088.65 for this obsid. The zeroth order positions are based on ra=10:43:57.457, dec=-59:32:51.32 for all of these obsids, which is the mean position of the peak of the X-ray source. tgdetect does not give a good position for the zeroth order because of flaring nearby sources that influence the source finding software.

===

Multiple sources in the field may cause contamination of the primary extraction at some wavelengths. Extraction is of HD 93129A. Comment: Complex source: [ESW2004] is within 2 arcsec of the target in the dispersion direction. Extraction probably includes both sources with offset in wavelength. These two spectra cannot be extracted separately.

seq_num	200332	Sequence number
obs_id	5397	Observation id
title	A Chandra HETGS Survey of O-Stars	Proposal title
observer	DR. Wayne Waldron	Principal investigator
object	HD93129AB	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	160.989583	Observer's specified target RA [deg]
dec_targ	-59.5475	Observer's specified target Dec [deg]
ra_nom	160.99320057485	Nominal RA [deg]
dec_nom	-59.546514448924	Nominal Dec [deg]
roll_nom	81.459730703533	Nominal Roll [deg]
revision	3	Processing version of data
ontime	10377.59996134	Sum of GTIs [s]
livetime	10246.192541989	Livetime [s]
ontime4	10377.59996134	Sum of GTIs [s]
ontime5	10377.59996134	Sum of GTIs [s]
ontime6	10374.358991027	Sum of GTIs [s]
ontime7	10377.59996134	Sum of GTIs [s]
ontime8	10377.59996134	Sum of GTIs [s]
ontime9	10377.59996134	Sum of GTIs [s]
l2events	145392	Number of level 2 events

