

# V&V Summary Report

## L2 ASCDS Version : 10.3.1

Observation 16659 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Jan 16 2015

See axaff16659N001\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.01.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	140.24312341845

## Comments

The SIM dy drift of 8.2 arcsec is acceptable for this 140ks observation.

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There are multiple dispersed spectra associated with different sources in this observation. The ciao tool `tgextract2` can be used to create non-standard background regions if necessary to extract these additional spectra. The dispersed spectra of these additional sources intersect one another and may contaminate the dispersed spectrum of the target as well as each other. There are also many x-ray sources that do not appear to have dispersed spectra, but the zeroth orders could contaminate other dispersed spectra.

seq_num	200980	Sequence number
obs_id	16659	Observation id
title	A Deep X-ray look at a very massive star: HETGS spectroscopy of the blue hypergiant HIP 101364	Proposal title
observer	Dr. David Huenemoerder	Principal investigator
object	HIP 101364	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	308.170833	Observer's specified target RA [deg]
dec_targ	41.241444	Observer's specified target Dec [deg]
ra_nom	308.17749151273	Nominal RA [deg]
dec_nom	41.243879660344	Nominal Dec [deg]
roll_nom	347.48132312464	Nominal Roll [deg]
revision	1	Processing version of data
ontime	140243.12341845	Sum of GTIs [s]
livetime	138467.28054546	Livetime [s]
ontime4	140239.923388	Sum of GTIs [s]
ontime5	140243.08237839	Sum of GTIs [s]
ontime6	140243.04133844	Sum of GTIs [s]
ontime7	140243.12341845	Sum of GTIs [s]
ontime8	140243.00029838	Sum of GTIs [s]
ontime9	140239.71828806	Sum of GTIs [s]
l2events	1387156	Number of level 2 events

