

# V&V Summary Report

## L2 ASCDS Version : 8.4.3

Observation 13968 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Apr 9 2012

See axaff13968N001\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.04.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	28.543011545479

## Comments

Standard software processing technique using the tool `tgdetect` failed to determine an accurate position for the zeroth order for this observation. No source found with s/n greater than 5. The source is extended and asymmetric. The processing software defaulted to the coordinates supplied by the user for the position of the zeroth order for the grating spectral extraction. For grating analysis of localized X-ray emission within the extended emission, the investigator will need to extract one or more dispersed spectra using user-defined zeroth order positions for all positions of interest.

seq_num	702689	Sequence number
obs_id	13968	Observation id
title	A DIRECT TEST OF AGN FEEDBACK IN LATE-TYPE GALAXIES: SPATIALLY RESOLVED HETG SPECTROSCOPY OF NGC 3393	Proposal title
observer	Dr Daniel Evans	Principal investigator
object	NGC 3393	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	162.097917	Observer's specified target RA [deg]
dec_targ	-25.162083	Observer's specified target Dec [deg]
ra_nom	162.1012149702	Nominal RA [deg]
dec_nom	-25.162456843366	Nominal Dec [deg]
roll_nom	295.15802472117	Nominal Roll [deg]
revision	1	Processing version of data
ontime	28543.011545479	Sum of GTIs [s]
livetime	28063.131988476	Livetime [s]
ontime5	28542.970505476	Sum of GTIs [s]
ontime6	28540.488425314	Sum of GTIs [s]
ontime7	28543.011545479	Sum of GTIs [s]
ontime8	28542.888425469	Sum of GTIs [s]
ontime9	28542.847385466	Sum of GTIs [s]
l2events	200769	Number of level 2 events

