

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 240 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Sep 14 2012

See axaff00240N002-VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.09.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	44.08

## Comments

Standard software processing technique using the tool `tgdetect` failed to determine an accurate position for the zeroth order for this observation. 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. Coordinates used as zeroth order position for extracting dispersed spectra in this processing: `ra=03:38:29.3, dec=-35:27:01.0`.

seq_num	600000	Sequence number
obs_id	240	Observation id
title	THE DETAILED X-RAY SPECTRA OF ELLIPTICAL GALAXIES	Proposal title
observer	Prof Claude Canizares	Principal investigator
object	NGC 1399	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	54.622083	Observer's specified target RA [deg]
dec_targ	-35.450278	Observer's specified target Dec [deg]
ra_nom	54.618524122813	Nominal RA [deg]
dec_nom	-35.446616611384	Nominal Dec [deg]
roll_nom	151.10455945613	Nominal Roll [deg]
revision	4	Processing version of data
ontime	44091.922615021	Sum of GTIs [s]
livetime	43533.604141902	Livetime [s]
ontime4	44091.963655025	Sum of GTIs [s]
ontime5	44091.881575018	Sum of GTIs [s]
ontime6	44088.599574789	Sum of GTIs [s]
ontime7	44091.922615021	Sum of GTIs [s]
ontime8	44091.799495026	Sum of GTIs [s]
ontime9	44091.758455023	Sum of GTIs [s]
l2events	441103	Number of level 2 events

