

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 2336 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Sep 3 2012

See axaff02336N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.09.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.222

## Comments

Optical photometry of source enabled during the observation. No dispersed X-ray spectrum visible, although the data indicate that first order meg spectrum may be present. Standard software processing technique using the tool `tgdetect` failed to determine an accurate position for the zeroth order for this observation due to low S/N. The processing software defaulted to the coordinates supplied by the user for the position of the zeroth order for the grating spectral extraction. Wavelength assignments may be improved by running `tgdetect` with custom parameters to accept a smaller S/N value.

seq_num	300053	Sequence number
obs_id	2336	Observation id
title	THE NATURE OF CLASSICAL SYMBIOTIC OUTBURSTS	Proposal title
observer	Professor Philip Charles	Principal investigator
object	Z ANDROMEDAE	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	353.416667	Observer's specified target RA [deg]
dec_targ	48.818333	Observer's specified target Dec [deg]
ra_nom	353.41460329584	Nominal RA [deg]
dec_nom	48.820065124693	Nominal Dec [deg]
roll_nom	255.98800920573	Nominal Roll [deg]
revision	3	Processing version of data
ontime	19225.0	Sum of GTIs [s]
livetime	18914.499574977	Livetime [s]
ontime4	19222.459009841	Sum of GTIs [s]
ontime5	19225.0	Sum of GTIs [s]
ontime6	19225.0	Sum of GTIs [s]
ontime7	19225.0	Sum of GTIs [s]
ontime8	19222.459009841	Sum of GTIs [s]
ontime9	19225.0	Sum of GTIs [s]
l2events	144664	Number of level 2 events

