

# V&V Summary Report

## L2 ASCDS Version : 8.4.3.1

Observation 5410 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Apr 16 2012

See axaff05410N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2012.04.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	54.5503997

## Comments

Gain and CTI correction are not well calibrated on CCD\_ID 5 (ACIS-S1). Default order sorting can clip some regions, particularly longward of 30A (first order). User-specified custom processing parameters may be required in `tg_resolve_events` (`osipfile=none`, `osort_lo`, `osort_hi ~0.5`) though this can allow more zeroth order background at short wavelengths. Extended source, may require custom spectral extraction parameters; there are no grating `rmf`'s for extended sources - spectral features will show the zeroth order image shape.

seq_num	200343	Sequence number
obs_id	5410	Observation id
title	The X-ray Spectrum of a Planetary Nebula at High Resolution	Propos
observer	Dr. Joel Kastner	Principal investigator
object	BD +303639	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	293.688333	Observer's specified target RA [deg]
dec_targ	30.516361	Observer's specified target Dec [deg]
ra_nom	293.66556306896	Nominal RA [deg]
dec_nom	30.523731126603	Nominal Dec [deg]
roll_nom	335.16819217318	Nominal Roll [deg]
revision	3	Processing version of data
ontime	54550.385919034	Sum of GTIs [s]
livetime	53859.636086229	Livetime [s]
ontime4	54550.399796844	Sum of GTIs [s]
ontime5	54550.344879031	Sum of GTIs [s]
ontime6	54550.303839028	Sum of GTIs [s]
ontime7	54550.385919034	Sum of GTIs [s]
ontime8	54550.262799025	Sum of GTIs [s]
ontime9	54543.739868283	Sum of GTIs [s]
l2events	762331	Number of level 2 events

