

# V&V Summary Report

## L2 ASCDS Version : 8.1.1

Observation 111 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Nov 23 2009

See axaff00111N001\_VV002\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2010.10.01
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	5.6

## Comments

Due to telemetry saturation by this bright source, the effective exposure time varies with CCD and is less than the duration. This is expected.

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This observation was acquired with the focal plane temperature raised from -120C to -110C, for attempted recalibration of ACIS for the 1999-09-16 through 2000-01-28 period.

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This reprocessing of the data applies no CTI correction because none is available for that temperature.

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 The guide star in slot 3 was manually excluded from the processing due to poor data quality.

seq_num	490001	Sequence number
obs_id	111	Observation id
title	DEMONSTRATION SPECTRA OF AN ACCRETION-POWERED BINARY	Proposal titl
observer	Dr. CXC Calibration	Principal investigator
object	CYG X2, LETG-CC	Source name
ra_targ	326.171667	Observer's specified target RA
dec_targ	38.321389	Observer's specified target Dec
ra_nom	326.17005952192	Nominal RA
dec_nom	38.316509884419	Nominal Dec
roll_nom	277.94580729043	Nominal Roll
revision	4	Processing version of data
ontime	1562.2839788496	Sum of GTIs [s]
livetime	1556.1813070573	Livetime [s]
ontime4	2309.395503819	Sum of GTIs [s]
ontime5	5636.3571143299	Sum of GTIs [s]
ontime6	2271.4490914419	Sum of GTIs [s]
ontime7	1562.2839788496	Sum of GTIs [s]
ontime8	2766.0285092592	Sum of GTIs [s]
l2events	950394	Number of level 2 events

