

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 2311 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Sep 11 2012

See axaff02311N002-VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.10.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	93.843

## Comments

Roll constraint met.

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Target has been placed very near the CCD chip boundary and dithers in and out of the dead space between the CCD chips.

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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.

seq_num	700376	Sequence number
obs_id	2311	Observation id
title	FINDING THE BARYONS IN THE LOW REDSHIFT UNIVERSE.	Proposal title
observer	Prof. Smita Mathur	Principal investigator
object	H1821+643	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	275.48875	Observer's specified target RA [deg]
dec_targ	64.343444	Observer's specified target Dec [deg]
ra_nom	275.43189581447	Nominal RA [deg]
dec_nom	64.32772596139	Nominal Dec [deg]
roll_nom	29.32532221105	Nominal Roll [deg]
revision	4	Processing version of data
ontime	93842.958960012	Sum of GTIs [s]
livetime	90143.470913713	Livetime [s]
ontime4	93842.95897992	Sum of GTIs [s]
ontime5	93842.958960012	Sum of GTIs [s]
ontime6	93844.0	Sum of GTIs [s]
ontime7	93842.958960012	Sum of GTIs [s]
ontime8	93842.958960012	Sum of GTIs [s]
ontime9	93842.958960012	Sum of GTIs [s]
l2events	330649	Number of level 2 events

