

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 2186 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Sep 11 2012

See axaff02186N002_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	171.82

Comments

Requested roll angle is met. The zeroth order image was dithered partially into the gap between 2 CCDs. Columns falling in the CCD gap are given a bad pixel flag. Therefore, the zeroth order flux will not be accurate and may show spurious evidence of variability. The -1 leg order has significant flux out to about 60 A, but the +1 leg order has flux only to about 30-40 A.

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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	2186	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	
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	275.43088210504	Nominal RA [deg]
dec_nom	64.328436994064	Nominal Dec [deg]
roll_nom	27.676683368656	Nominal Roll [deg]
revision	4	Processing version of data
ontime	171821.0	Sum of GTIs [s]
livetime	165047.45254745	Livetime [s]
ontime4	171817.87692986	Sum of GTIs [s]
ontime5	171816.83597961	Sum of GTIs [s]
ontime6	171817.87692986	Sum of GTIs [s]
ontime7	171821.0	Sum of GTIs [s]
ontime8	171819.95897992	Sum of GTIs [s]
ontime9	171819.95901984	Sum of GTIs [s]
l2events	591006	Number of level 2 events

