

V&V Summary Report

L2 ASCDS Version : 10

Observation 15271 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 3 2014

See axaff15271N002-VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.11.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	60.067710202217

Comments

These data have been reprocessed with new aspect alignment calibration files that correct small mean offsets (up to 0.4 arcsecs) and improve overall astrometric accuracy. The new calibration was determined using data from the time period being reprocessed and was performed using cross-correlation of X-ray sources with radio and optical counterparts.

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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.

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seq_num	401511	Sequence number
obs_id	15271	Observation id
title	Characterizing the photoionized gas in the dipper 4U1916-05	Propos
observer	Dr. Jelle Kaastra	Principal investigator
object	4U1916-05	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	289.699583	Observer's specified target RA [deg]
dec_targ	-5.238056	Observer's specified target Dec [deg]
ra_nom	289.71078049093	Nominal RA [deg]
dec_nom	-5.2558869327736	Nominal Dec [deg]
roll_nom	129.15765703027	Nominal Roll [deg]
revision	2	Processing version of data
ontime	60067.710202217	Sum of GTIs [s]
livetime	56222.117373846	Livetime [s]
ontime5	60067.669162214	Sum of GTIs [s]
ontime6	60067.628122211	Sum of GTIs [s]
ontime7	60067.710202217	Sum of GTIs [s]
ontime8	60066.94604218	Sum of GTIs [s]
l2events	237110	Number of level 2 events

