

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 1939 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Sep 18 2012

See axaff01939N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.09.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	27.062

Comments

Spectral arms are piled up.

===

Standard data processing software did not correctly locate the zeroth order because a spatial exclusion window was used to block the zeroth order image. Manual intervention was used to input the correct sky coordinates (x=4131.33, y=4034.6) into the *srcla.fits file table. These corrected coordinates were determined using a software tool developed by CXC called findzero, which is expected to be released in CIAO (currently in ISIS). The tool calculates the point of intersection of the readout streak and the meg arm. The zeroth order source position determined by the standard pipeline processing using the tool tgdetect was not used in this processing. The newly determined zeroth order coordinates have been placed in the *srcla.fits file, replacing the coordinates determined by tgdetect. Note that these corrected coordinates of the zeroth order cannot be reproduced by running tgdetect on the data.

seq_num	400152	Sequence number
obs_id	1939	Observation id
title	HIGH RESOLUTION SPECTROSCOPY OF THE X-RAY BURSTER 4U 1636-53	Propo
observer	Dr. Norbert Schulz	Principal investigator
object	4U 1636-53	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	250.23125	Observer's specified target RA [deg]
dec_targ	-53.751389	Observer's specified target Dec [deg]
ra_nom	250.23970869658	Nominal RA [deg]
dec_nom	-53.742955291564	Nominal Dec [deg]
roll_nom	69.62392232999	Nominal Roll [deg]
revision	4	Processing version of data
ontime	27061.959125072	Sum of GTIs [s]
livetime	26291.249913327	Livetime [s]
ontime4	27063.400115222	Sum of GTIs [s]
ontime5	27063.400115222	Sum of GTIs [s]
ontime6	27063.400115222	Sum of GTIs [s]
ontime7	27061.959125072	Sum of GTIs [s]
ontime8	27063.400115222	Sum of GTIs [s]
ontime9	27063.400115222	Sum of GTIs [s]
l2events	2454952	Number of level 2 events

