

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 10680 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 8 2012

See axaff10680N002-VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.06.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	23.5391999

Comments

Roll constraint met. Multiple sources in field. Primary source is double with separation in the cross-dispersion direction approximately 2 arcsec . Dispersed spectral arms show both sources. This spectral extraction is centered on the brighter of the 2 sources, (x=4066.625, y=4080.5), determined by eye. Another weak source is NNW approximately 3 arcsec away along the dispersion direction. Two to three arcsec is at the limit of the ACIS CCD ability to distinguish energies. The spectrum of the main source may be contaminated by other spectra.

seq_num	200565	Sequence number
obs_id	10680	Observation id
title	Revealing the Origin of Hard X-rays in the Remarkable O4-O4 Binary Star System in M17: GTO component	Proposal title
observer	Professor Gordon Garmire	Principal investigator
object	M17 O4-O4 binary	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	275.124583	Observer's specified target RA [deg]
dec_targ	-16.179194	Observer's specified target Dec [deg]
ra_nom	275.12026755767	Nominal RA [deg]
dec_nom	-16.176702777362	Nominal Dec [deg]
roll_nom	117.15543132551	Nominal Roll [deg]
revision	2	Processing version of data
ontime	23538.373012424	Sum of GTIs [s]
livetime	23240.315960234	Livetime [s]
ontime4	23531.932041943	Sum of GTIs [s]
ontime5	23538.33197242	Sum of GTIs [s]
ontime6	23538.290932417	Sum of GTIs [s]
ontime7	23538.373012424	Sum of GTIs [s]
ontime8	23535.008892119	Sum of GTIs [s]
ontime9	23534.967832088	Sum of GTIs [s]
l2events	254510	Number of level 2 events

