

V&V Summary Report

L2 ASCDS Version : 7.6.10

Observation 2567 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date : Jan 17 2007

See axaff02567N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2007.03.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	46.95

Comments

This field is extremely crowded. Dispersed spectral arms from many other sources interest the spectral arms of the target. In addition, the dispersed spectral arms of the target and of several other sources are parallel to each other and separated by 3-4 pixels.

The width of the extraction region is $\pm 6.6 \times 10^{-4}$ deg, which is about 8 pixels full width. The extracted spectral data will probably include data from several sources, but if the zeroth orders for these sources are sufficiently separated spatially, order-sorting may reject neighboring spectral orders.

Custom extraction of the dispersed spectral data is critical to analysis of these data.

A period of high radiation between 26-30 ksec into this observation resulted in an elevated count rate by about 30%.

seq_num	200175
obs_id	2567
title	PHASE-RESOLVED SPECTROSCOPY OF THETA-1 ORIONIS C (O7 V)
observer	Marc Gagne
object	HD 37022
dtcycle	0
cycle	P
ra_targ	83.81875
dec_targ	-5.38975
ra_nom	83.821764274288
dec_nom	-5.3929652901081
roll_nom	335.74910284965
revision	3
ontime	46950.359093413
livetime	46355.84537646
ontime4	46950.359143138
ontime5	46953.600043729
ontime6	46953.600043729
ontime7	46950.359093413
ontime8	46953.600043729
ontime9	46947.118093222
l2events	808069

