

V&V Summary Report

L2 ASCDS Version : 7.6.11.10

Observation 62877 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Feb 5 2009

See axaff62877N002_VV001_vvref2.pdf for the full report

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| V&V Scientist | Joy Nichols |
| V&V Date (YYYY-MM-DD) | 2009.02.09 |
| V&V Edition | 1 |
| V&V Disposition and Status | OK |
| V&V Charge Time | 61.399 |

Comments

This obsid interrupted obsid 374 because the HETG grating had not been fully inserted. An onboard procedure was executed to complete the insertion of the grating, and the obsid was changed from 374 to 62877. Obsid 374 may not be useful as a gratings observation because the calibration of the dispersed spectral data would not apply to the different physical grating position. There are multiple sources within 5 arcsec of the central source. For grating analysis of X-ray emission within the individual sources, the investigator will need to extract one or more dispersed spectra using user-defined zeroth order positions for all positions of interest.

Visually, at least 3 separate dispersed spectra corresponding to 3 separate sources are seen on the level 2 image. These spectra can probably be separated and extracted individually. Some sources may be too close in the cross-dispersion direction to successfully separate.

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| seq_num | 700268 |
| obs_id | 62877 |
| title | ACIS GRATING SPECTROSCOPY OF SEYFERT GALAXIES |
| observer | PROFESSOR GORDON GARMIRE |
| object | CIRCINUS GALAXY |
| dtcycle | 0 |
| cycle | P |
| ra_targ | 213.2925 |
| dec_targ | -65.339056 |
| ra_nom | 213.29322488548 |
| dec_nom | -65.34371065638 |
| roll_nom | 296.56484233337 |
| revision | 4 |
| ontime | 61397.699825734 |
| livetime | 60220.81307871 |
| ontime4 | 61397.699825734 |
| ontime5 | 61397.699825734 |
| ontime6 | 61396.3976648 |
| ontime7 | 61397.699825734 |
| ontime8 | 61395.558855504 |
| ontime9 | 61397.699825734 |
| l2events | 356095 |

