

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 62877 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Aug 31 2012

See [axaff62877N003_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.09.10
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. TGCat contains multiple extractions.

seq_num	700268	Sequence number
obs_id	62877	Observation id
title	ACIS GRATING SPECTROSCOPY OF SEYFERT GALAXIES	Proposal title
observer	PROFESSOR GORDON GARMIRE	Principal investigator
object	CIRCINUS GALAXY	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	213.2925	Observer's specified target RA [deg]
dec_targ	-65.339056	Observer's specified target Dec [deg]
ra_nom	213.29322488548	Nominal RA [deg]
dec_nom	-65.34371065638	Nominal Dec [deg]
roll_nom	296.56484233337	Nominal Roll [deg]
revision	5	Processing version of data
ontime	61397.699825734	Sum of GTIs [s]
livetime	60220.81307871	Livetime [s]
ontime4	61397.699825734	Sum of GTIs [s]
ontime5	61397.699825734	Sum of GTIs [s]
ontime6	61395.570621744	Sum of GTIs [s]
ontime7	61397.699825734	Sum of GTIs [s]
ontime8	61395.558855504	Sum of GTIs [s]
ontime9	61397.699825734	Sum of GTIs [s]
l2events	355171	Number of level 2 events

