

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 13967 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 8 2012

See axaff13967N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.03.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	179.79827508336

Comments

Standard software processing technique using the tool `tgdetect` failed to determine an accurate position for the zeroth order for this observation

due to confusion by extended diffuse emission. Manual intervention was used to set the zeroth order position to be the same as the user-requested

coordinates. Coordinates used as zeroth order position for extracting dispersed spectra in this processing `x0=4110.94; y0=4079.7` : `ra=10:48:23.50, dec=-25:09:43.50`. Please note that rerunning `tgdetect` for analysis purposes will not give the same zeroth order position as that used in this processing.

WARNING: there are no standard ciao tools for analysis of grating spectra from extended sources. The shape of an emission 'line' will be the shape of the zero order spatial structure convolved with the instrumental LSF. Grating extractions can be used, but need to be combined with custom spatial-spectral analysis, since wavelength is multi-valued at any particular diffraction angle.

seq_num	702689	Sequence number
obs_id	13967	Observation id
title	A DIRECT TEST OF AGN FEEDBACK IN LATE-TYPE GALAXIES: SPATIALLY RESOLVED HETG SPECTROSCOPY OF NGC 3393	Proposal title
observer	Dr Daniel Evans	Principal investigator
object	NGC 3393	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	162.097917	Observer's specified target RA [deg]
dec_targ	-25.162083	Observer's specified target Dec [deg]
ra_nom	162.10009012442	Nominal RA [deg]
dec_nom	-25.159788847929	Nominal Dec [deg]
roll_nom	351.85755029283	Nominal Roll [deg]
revision	2	Processing version of data
ontime	179798.27508336	Sum of GTIs [s]
livetime	176775.41547868	Livetime [s]
ontime5	179800.71612352	Sum of GTIs [s]
ontime6	179798.27509308	Sum of GTIs [s]
ontime7	179798.27508336	Sum of GTIs [s]
ontime8	179800.71612352	Sum of GTIs [s]
ontime9	179800.68525434	Sum of GTIs [s]
l2events	1305252	Number of level 2 events

