

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 332 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Sep 11 2012

See axaff00332N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.09.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	46.291

Comments

Source is extended and asymmetric. Standard software processing technique using the tool `tgdetect` did not give an accurate position for the zeroth order. The zeroth order position used in this processing was manually determined to be the brightest position in the nucleus. The newly determined zeroth order coordinates ($x=4079.812$, $y=4097.312$) have been placed in the `*src1a.fits` file, replacing the coordinates determined by `tgdetect`. Please note that rerunning `tgdetect` for analysis purposes will not give the same zeroth order position as that used in this processing. === Roll constraint met. === 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	700004	Sequence number
obs_id	332	Observation id
title	HETG OBSERVATIONS OF VARIOUS ACTIVE GALACTIC NUCLEI	Proposal title
observer	Prof Claude Canizares	Principal investigator
object	NGC 1068	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	40.669583	Observer's specified target RA [deg]
dec_targ	-0.013333	Observer's specified target Dec [deg]
ra_nom	40.667358899477	Nominal RA [deg]
dec_nom	-0.013359558618449	Nominal Dec [deg]
roll_nom	308.92094742051	Nominal Roll [deg]
revision	4	Processing version of data
ontime	46288.000043094	Sum of GTIs [s]
livetime	45701.873515261	Livetime [s]
ontime4	46284.75907284	Sum of GTIs [s]
ontime5	46288.000043094	Sum of GTIs [s]
ontime6	46288.000043094	Sum of GTIs [s]
ontime7	46288.000043094	Sum of GTIs [s]
ontime8	46288.000043094	Sum of GTIs [s]
ontime9	46288.000043094	Sum of GTIs [s]
l2events	412518	Number of level 2 events

