

# V&V Summary Report

## L2 ASCDS Version : 7.6.10

Observation 2324 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : Jun 19 2007

See axaff02324N001\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2007.07.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.755

## Comments

Off-axis source gratings observation. 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. WARNING: The user will need to deconvolve the PSF of the off-axis source to get an accurate determination of the zeroth order position, then use software tools such as CIAO to specify the coordinates of the zeroth order before running the tools to resolve the dispersed events. The spectral data supplied in this processing are only energy-calibrated for the results of tgdetect, which uses the source-detection tool celldetect.

seq_num	390021
obs_id	2324
title	GRATINGS CALIBRATION OBSERVATIONS OF PKS2155-304
observer	Dr. CXC Calibration
object	PKS2155-304
dtcycle	0
cycle	P
ra_targ	329.716667
dec_targ	-30.225556
ra_nom	329.68866222236
dec_nom	-30.1328035185
roll_nom	283.73546007643
revision	2
ontime	8755.2000081539
livetime	8644.3363939021
ontime4	8755.2000081539
ontime5	8755.2000081539
ontime6	8755.2000081539
ontime7	8755.2000081539
ontime8	8755.2000081539
ontime9	8755.2000081539
l2events	118920

