

V&V Summary Report

L2 ASCDS Version : 7.6.10

Observation 1015 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Jun 19 2007

See axaff01015N001_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	9.635

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	390007
obs_id	1015
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	329.68811869304
dec_nom	-30.132966349057
roll_nom	284.05555655635
revision	2
ontime	9632.0000089705
livetime	9510.0338251628
ontime4	9632.0000089705
ontime5	9632.0000089705
ontime6	9632.0000089705
ontime7	9632.0000089705
ontime8	9632.0000089705
ontime9	9632.0000089705
l2events	145333

