

V&V Summary Report

L2 ASCDS Version : 7.6.10

Observation 1797 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Jun 2 2007

See axaff01797N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2007.06.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.753

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	390015
obs_id	1797
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	329.56935034799
dec_nom	-30.326537052476
roll_nom	37.935004173138
revision	3
ontime	19750.318058014
livetime	19500.22763855
ontime4	19743.83607769
ontime5	19750.318058014
ontime6	19750.318058014
ontime7	19750.318058014
ontime8	19750.318058014
ontime9	19750.318058014
l2events	260170

