

V&V Summary Report

L2 ASCDS Version : 7.6.10

Observation 1799 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Jun 2 2007

See axaff01799N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2007.06.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.14

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. There is a spike in the count rate during the first 1.5 ksec of this observation, presumably due to a high radiation environment.

seq_num	390017
obs_id	1799
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	329.48973967339
dec_nom	-30.344222243671
roll_nom	30.858412559108
revision	3
ontime	20140.800018758
livetime	19885.765081586
ontime4	20140.800018758
ontime5	20140.800018758
ontime6	20140.800018758
ontime7	20140.800018758
ontime8	20140.800018758
ontime9	20140.800018758
l2events	265436

