

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 2417 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 20 2012

See axaff02417N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.09.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	52.094

Comments

Roll constraint met. This is a double source. Roll angle has been selected such that images A and B of the lensed quasar are appropriately aligned to maximize the separation of the two dispersed spectra. Zeroth order position is positioned between images A and B for the spectral extract of this data processing. This extraction contains spectra of both gravitationally lensed images, which are separated by <2arcsec and are blended in the cross-dispersion direction.

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WARNING: The spectral data supplied in this processing are only energy-calibrated for the zeroth order position between the two sources, not for either of the 2 sources. The user will need to select one of these sources, then use software tools such as CIAO to specify the coordinates of the zeroth order source of interest before running the tools to resolve the dispersed events.

seq_num	700392	Sequence number
obs_id	2417	Observation id
title	ACIS STUDY OF GRAVITATIONALLY LENSED QUASARS	Proposal title
observer	Professor Gordon Garmire	Principal investigator
object	PKS 1830-211	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	278.416417	Observer's specified target RA [deg]
dec_targ	-21.061028	Observer's specified target Dec [deg]
ra_nom	278.41072928285	Nominal RA [deg]
dec_nom	-21.052832468999	Nominal Dec [deg]
roll_nom	133.15358261012	Nominal Roll [deg]
revision	3	Processing version of data
ontime	52094.236108929	Sum of GTIs [s]
livetime	51218.401444233	Livetime [s]
ontime4	52094.236108929	Sum of GTIs [s]
ontime5	52094.236108929	Sum of GTIs [s]
ontime6	52094.236108929	Sum of GTIs [s]
ontime7	52094.236108929	Sum of GTIs [s]
ontime8	52094.236108929	Sum of GTIs [s]
ontime9	52094.236108929	Sum of GTIs [s]
l2events	370914	Number of level 2 events

