

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 873 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Aug 25 2012

See axaff00873N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.08.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	101.929

Comments

The zeroth order source falls near a gap between the nodes of the CCD chip and some events were dithered over this gap. Dithering over the node boundary, which has lower sensitivity, can give a false indication of variability if not corrected.

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This is an extended source. 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.

seq_num	700178	Sequence number
obs_id	873	Observation id
title	THE SOFT X-RAY EMISSION LINE SPECTRUM OF MARKARIAN 3	Proposal titl
observer	PROF. STEVEN KAHN	Principal investigator
object	MARKARIAN 3	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	93.9	Observer's specified target RA [deg]
dec_targ	71.034583	Observer's specified target Dec [deg]
ra_nom	93.894004805086	Nominal RA [deg]
dec_nom	71.030223908303	Nominal Dec [deg]
roll_nom	268.71266484048	Nominal Roll [deg]
revision	4	Processing version of data
ontime	101932.80009492	Sum of GTIs [s]
livetime	100642.06560355	Livetime [s]
ontime4	101913.35443328	Sum of GTIs [s]
ontime5	101929.55913468	Sum of GTIs [s]
ontime6	101929.55913469	Sum of GTIs [s]
ontime7	101932.80009492	Sum of GTIs [s]
ontime8	101916.59540346	Sum of GTIs [s]
ontime9	101919.83627398	Sum of GTIs [s]
l2events	1026416	Number of level 2 events

