V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 4770 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 15 2012

See axaff04770N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.01.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	56.105

Comments

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Multiple sources within 5 arcsec of source. Also, Circinus Galaxy is
extended source. The zeroth order for the spectral extraction is
centered on the brightest X-ray emission, presumably at the nucleus of
the galaxy. The zeroth order position is at ra=14:13:09.97,
dec=-65:20:20.9. The spectral data supplied in this processing are only
energy-calibrated for this position.
===
Multiple, closely-spaced dispersed spectra. Care should be taken to be
sure the extraction mask only includes the spectrum of interest. A
narrow extraction mask can be used to re-extract the data in CIAO.
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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.
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seq_num	700853	Sequence number
obs_id	4770	Observation id
title	The size of the nuclear reflector in the Circinus Galaxy	Proposal
observer	Professor Giorgio Matt	Principal investigator
object	Circinus Galaxy	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	213.2925	Observer's specified target RA [deg]
dec_targ	-65.339111	Observer's specified target Dec [deg]
ra_nom	213.2871631326	Nominal RA [deg]
dec_nom	-65.339134554753	Nominal Dec [deg]
roll_nom	312.28384334037	Nominal Roll [deg]
revision	3	Processing version of data
ontime	56103.59984073	Sum of GTIs [s]
livetime	55028.19175052	Livetime [s]
ontime4	56103.59984073	Sum of GTIs [s]
ontime5	56103.59984073	Sum of GTIs [s]
ontime6	56103.59984073	Sum of GTIs [s]
ontime7	56103.59984073	Sum of GTIs [s]
ontime8	56103.59984073	Sum of GTIs [s]
ontime9	56103.59984073	Sum of GTIs [s]
l2events	411824	Number of level 2 events