V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 511 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Oct 11 2012

See axaff00511N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.10.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	127

Comments

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Extended source of non-uniform brightness: tgdetect failed to get
centroid because a) source is near edge of default search box; b)
extended source has a broad zero order. This was compensated for by
using customized parameters in tgdetect: zo_pos_x=4050 zo_pos_y=4391
fixedcell=45 (which gives the zero order centroid of 4052.2, 4389.1).
This observation will also require user-customization of HEG and MEG
extraction regions (see use_user_pars section of tg_create_mask ahelp
and extraction region width parameters in tgextract).
Note that *src1a* file is empty because tgdetect failed.
======================================================================
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	800019	Sequence number
obs_id	511	Observation id
title	HIGH RESOLUTION X-RAY SPECTRA OF CLUSTER COOLING FLOWS	Proposal ti
observer	Prof Claude Canizares	Principal investigator
object	ABELL 1835	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	210.257917	Observer's specified target RA [deg]
dec_targ	2.858889	Observer's specified target Dec [deg]
ra_nom	210.2523326176	Nominal RA [deg]
dec_nom	2.8386337675699	Nominal Dec [deg]
roll_nom	259.6371816333	Nominal Roll [deg]
revision	5	Processing version of data
ontime	126947.20011821	Sum of GTIs [s]
livetime	125339.71823189	Livetime [s]
ontime4	126934.23623741	Sum of GTIs [s]
ontime5	126943.95916797	Sum of GTIs [s]
ontime6	126947.20011821	Sum of GTIs [s]
ontime7	126947.20011821	Sum of GTIs [s]
ontime8	126940.71817783	Sum of GTIs [s]
ontime9	126937.47727746	Sum of GTIs [s]
l2events	1221868	Number of level 2 events