V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 2520 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 29 2012

See axaff02520N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.10.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.809

Comments

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This is an observation of a moving target. Event positions are in the
reference from of Chandra, not of the comet. Users should run a
software tool such as sso_freeze to reposition the events in the
reference from of the comet, then
run normal data analysis tools such as tgdetect and spectral
extraction.
===
Energy filter allowed only events with energies 0.1 to 2.0 keV to be
recorded.
===
Streak on chip 8 is not fully removed with pipeline processing.
Additional analysis procedures by the user may improve the uniformity of
chip 8.
===
Standard software processing technique using the tool tgdetect failed to
determine an accurate position for the zeroth order for this
observation. The target is moving through the field of view during the
observation. The processing software defaulted to the coordinates
supplied by the user for the position of the zeroth order for the
grating spectral extraction. Spectra products from this processing,
which does not include sso_freeze, are not useful.
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seq_num	100030	Sequence number
obs_id	2520	Observation id
title	ACIS-S LOW ENERGY SPECTROSCOPY AND PHOTOMETRIC IMAGING OF CHARGE EXCHANGE X-RAY EMISSION FROM COMET C/LINEAR WM1 (2000)	Proposal titl
observer	Dr. Carey Lisse	Principal investigator
object	C/LINEAR WM1 (2000)	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	333.65424	Observer's specified target RA [deg]
dec_targ	-51.74252	Observer's specified target Dec [deg]
ra_nom	333.64784538285	Nominal RA [deg]
dec_nom	-51.751376065398	Nominal Dec [deg]
roll_nom	255.78980457793	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8806.4000081867	Sum of GTIs [s]
livetime	8694.8880687056	Livetime [s]
ontime2	8806.4000081867	Sum of GTIs [s]
ontime3	8806.4000081867	Sum of GTIs [s]
ontime5	8806.4000081867	Sum of GTIs [s]
ontime6	8806.4000081867	Sum of GTIs [s]
ontime7	8806.4000081867	Sum of GTIs [s]
ontime8	8806.4000081867	Sum of GTIs [s]
l2events	16361	Number of level 2 events