V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 2477 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 20 2012

See axaff02477N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.10.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.432

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.
===
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.
===
Charge time for this ObsId remains at previous value of 2.432 ks
although with the current processing the charge time would be 2.395 ks.
```

seq_num	100008	Sequence number
obs_id	2477	Observation id
title	SOLVING THE PUZZLE OF COMETARY X-RAY ORIGIN: OBSERVATIONS OF COMET 10P/TEMPEL 2	Proposal title
observer	DR W. THOMAS VESTRAND	Principal investigator
object	LINEAR 2001 A2	Source name
ra_targ	346.36742	Observer's specified target RA [deg]
dec_targ	9.24325	Observer's specified target Dec [deg]
ra_nom	346.36532813534	Nominal RA [deg]
dec_nom	9.2471869137919	Nominal Dec [deg]
roll_nom	120.30373637862	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2394.6563436836	[s]
livetime	2378.1332711866	Ontime multiplied by DTCOR
l2events	152789	Number of level 2 events