V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12406 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Feb 28 2012

See axaff12406N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.03.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	28.086588612914

Comments

```
Zeroth order piled up. Standard data processing software did not
correctly locate the zeroth order due to pileup. Manual intervention was
used to input the correct sky coordinates (x=4123.4, y=4089.05) into the
*src1a.fits file table. These corrected coordinates were determined
using a software tool developed by CXC called findzero, which is
expected to be released in CIAO (currently in ISIS). The tool calculates
the point of intersection of the readout streak and the meg arm
(preferred position), or the readout streak and the heg arm. The zeroth
order source position determined by the standard pipeline processing
using the tool tgdetect was not used in this processing. The newly
determined zeroth order coordinates have been placed in the *src1a.fits
file, replacing the coordinates determined by tgdetect. Note that these
corrected coordinates of the zeroth order cannot be reproduced by
running tgdetect on the data.
```

seq_num	401147	Sequence number
obs_id	12406	Observation id
title	High Resolution Spectroscopy of a Black Hole Transient	Proposal ti
observer	Dr. Jon Miller	Principal investigator
object	IGR J17091-3624	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	257.283	Observer's specified target RA [deg]
dec_targ	-36.407	Observer's specified target Dec [deg]
ra_nom	257.28641298613	Nominal RA [deg]
dec_nom	-36.406278608636	Nominal Dec [deg]
roll_nom	259.35104512049	Nominal Roll [deg]
revision	3	Processing version of data
ontime	28086.588616073	Sum of GTIs [s]
livetime	27286.698538904	Livetime [s]
ontime4	28086.629656076	Sum of GTIs [s]
ontime5	28086.54757607	Sum of GTIs [s]
ontime6	28086.506536067	Sum of GTIs [s]
ontime7	28086.588616073	Sum of GTIs [s]
ontime8	28086.465496063	Sum of GTIs [s]
ontime9	28086.42445606	Sum of GTIs [s]
l2events	1276422	Number of level 2 events