V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 1600 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 19 2012

See axaff01600N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.09.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	47.446

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=4075.44, y=4100.81) 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 as tg_findzo (currently in ISIS as
findzo). The tool calculates the point of intersection of the readout
streak and the meg 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	700216	Sequence number
obs_id	1600	Observation id
title	A HIGH RESOLUTION X-RAY SPECTRUM OF THE NUCLEUS OF CENTAURUS A	Pro
observer	Dr. Stephen Murray	Principal investigator
object	CENTAURUS A	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	201.364167	Observer's specified target RA [deg]
dec_targ	-43.019722	Observer's specified target Dec [deg]
ra_nom	201.36116223322	Nominal RA [deg]
dec_nom	-43.019690785718	Nominal Dec [deg]
roll_nom	308.15457852797	Nominal Roll [deg]
revision	3	Processing version of data
ontime	47446.400044173	Sum of GTIs [s]
livetime	46845.605158021	Livetime [s]
ontime4	47436.67714344	Sum of GTIs [s]
ontime5	47446.400044173	Sum of GTIs [s]
ontime6	47443.159054011	Sum of GTIs [s]
ontime7	47446.400044173	Sum of GTIs [s]
ontime8	47446.400044173	Sum of GTIs [s]
ontime9	47446.400044173	Sum of GTIs [s]
l2events	579870	Number of level 2 events