V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 2575 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Oct 24 2012

See axaff02575N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.10.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	75.334

Comments

```
Double source, about 5 arcsec separation, favorable roll. This
extraction is of the brighter component. Component spectra are well
separated.
Standard data processing software did not correctly locate the zeroth
order of either source,m but selected a position between the two
sources. Manual intervention was used to input the sky coordinates of
the brighter source (x=4148.375, y=4047.25) into the *src1a.fits file
table. These corrected coordinates were determined by eye. 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	200183	Sequence number
obs_id	2575	Observation id
title	HIGH-RESOLUTION X-RAY SPECTROSCOPY OF BETA CRUCIS: A NEARBY HOT STAR WITH A HIGH X-RAY COUNT RATE	Proposal title
observer	Prof. David Cohen	Principal investigator
object	BETA CRU	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	191.930417	Observer's specified target RA [deg]
dec_targ	-59.68875	Observer's specified target Dec [deg]
ra_nom	191.94436369683	Nominal RA [deg]
dec_nom	-59.682052652977	Nominal Dec [deg]
roll_nom	53.772465340136	Nominal Roll [deg]
revision	4	Processing version of data
ontime	75333.614631832	Sum of GTIs [s]
livetime	74379.695042907	Livetime [s]
ontime4	75333.655671835	Sum of GTIs [s]
ontime5	75333.573591828	Sum of GTIs [s]
ontime6	75330.291591585	Sum of GTIs [s]
ontime7	75333.614631832	Sum of GTIs [s]
ontime8	75333.491511837	Sum of GTIs [s]
ontime9	75330.209511578	Sum of GTIs [s]
l2events	716380	Number of level 2 events