V&V Summary Report
L2 ASCDS Version : 7.6.10

Observation 657 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jul 27 2007

See axaff00657N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2007.08.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	42.95

Comments

Observation phase-constrained to 0.75-0.89.====== Zeroth order
moderately 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=4078.90; y=4127.79) 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	400024
obs_id	657
title	SPECTRAL VARIABILITY IN A SUPERGIANT X-RAY BINARY
observer	Bram Boroson
object	4U 1700-37
dtycycle	0
cycle	P
ra_targ	255.9858
dec_targ	-37.84414
ra_nom	255.98349569294
dec_nom	-37.848390306678
roll_nom	269.52256048523
revision	3
ontime	42950.359079763
livetime	42406.495771494
ontime4	42953.600040004
ontime5	42953.600040004
ontime6	42953.600040004
ontime7	42950.359079763
ontime8	42950.334864527
ontime9	42953.534784764
l2events	606991