V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 2748 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 3 2012

See axaff02748N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.10.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.484

Comments

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Zeroth order piled up and cratered. 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=4101.28,
y=4114.46) 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.
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seq_num	400228	Sequence number
obs_id	2748	Observation id
title	STUDY OF THE IRON LINE AND LOW ENERGY FEATURES IN 4U 1728-34 WITH CHANDRA/HETGS	Proposal title
observer	Dr. Tiziana Di Salvo	Principal investigator
object	4U 1728-34	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	262.989167	Observer's specified target RA [deg]
dec_targ	-33.834722	Observer's specified target Dec [deg]
ra_nom	262.99114995823	Nominal RA [deg]
dec_nom	-33.836182088789	Nominal Dec [deg]
roll_nom	89.203764845695	Nominal Roll [deg]
revision	3	Processing version of data
ontime	30483.559149623	Sum of GTIs [s]
livetime	29615.404714284	Livetime [s]
ontime4	30482.118139535	Sum of GTIs [s]
ontime5	30483.559149623	Sum of GTIs [s]
ontime6	30485.000129789	Sum of GTIs [s]
ontime7	30483.559149623	Sum of GTIs [s]
ontime8	30483.559149623	Sum of GTIs [s]
ontime9	30485.000129789	Sum of GTIs [s]
l2events	819583	Number of level 2 events