

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 10873 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jun 4 2012

See axaff10873N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.06.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.474

Comments

The HETG dispersed spectra for these data products have been extracted using the position of SN1996cr as the position of the zeroth order. The sky coordinates $x=4102.76$, $y=4061.84$ were manually input to the `tg_create_mask` tool. The newly determined zeroth order coordinates have been placed in the `*src1a.fits` file, replacing the coordinates determined by `tgdetect`. Therefore the extracted spectra correspond to the supernova remnant, not the center of the galaxy. There are multiple dispersed spectra associated with different sources in this observation. The `ciao` tool `tgextract2` can be used to create non-standard background regions. ===== In future analysis, if the `ciao` tool `tgdetect` is used on this observation to locate the zeroth order source, the center of the Cir galaxy will be found, not SN 1996cr, which is not as X-ray-bright. === Data products for spectral extractions of other targets in this field can be found in TGCat.

seq_num	501150	Sequence number
obs_id	10873	Observation id
title	A Deep HETG Probe of the CSM Interaction in SN1996cr	Proposal titl
observer	Dr. Franz Bauer	Principal investigator
object	SN1996cr	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	213.291667	Observer's specified target RA [deg]
dec_targ	-65.345694	Observer's specified target Dec [deg]
ra_nom	213.29371173444	Nominal RA [deg]
dec_nom	-65.34095712124	Nominal Dec [deg]
roll_nom	48.158478940259	Nominal Roll [deg]
revision	3	Processing version of data
ontime	18474.0	Sum of GTIs [s]
livetime	18102.535962059	Livetime [s]
ontime4	18474.0	Sum of GTIs [s]
ontime5	18474.0	Sum of GTIs [s]
ontime6	18471.958979845	Sum of GTIs [s]
ontime7	18474.0	Sum of GTIs [s]
ontime8	18471.958979785	Sum of GTIs [s]
ontime9	18474.0	Sum of GTIs [s]
l2events	202539	Number of level 2 events

