

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 10844 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 30 2012

See axaff10844N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	27.732

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 $x=4069.83$, $y=4073.28$ 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	10844	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	213.28293001854	Nominal RA [deg]
dec_nom	-65.342520654257	Nominal Dec [deg]
roll_nom	107.14867601508	Nominal Roll [deg]
revision	3	Processing version of data
ontime	27732.0	Sum of GTIs [s]
livetime	27174.381687767	Livetime [s]
ontime4	27732.0	Sum of GTIs [s]
ontime5	27732.0	Sum of GTIs [s]
ontime6	27729.958959818	Sum of GTIs [s]
ontime7	27732.0	Sum of GTIs [s]
ontime8	27732.0	Sum of GTIs [s]
ontime9	27732.0	Sum of GTIs [s]
l2events	295950	Number of level 2 events

