

# V&V Summary Report

## L2 ASCDS Version : 8.4.4

Observation 10843 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : May 30 2012

See axaff10843N003\_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	58.178

## 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=4071.83, y=4070.99 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.

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Data products for spectral extractions of other targets in this field can be found in TGCat.

seq_num	501150	Sequence number
obs_id	10843	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	&#160
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	213.28358091797	Nominal RA [deg]
dec_nom	-65.342212069152	Nominal Dec [deg]
roll_nom	102.54232224006	Nominal Roll [deg]
revision	3	Processing version of data
ontime	58178.0	Sum of GTIs [s]
livetime	57008.191902168	Livetime [s]
ontime4	58175.959009707	Sum of GTIs [s]
ontime5	58178.0	Sum of GTIs [s]
ontime6	58175.958979726	Sum of GTIs [s]
ontime7	58178.0	Sum of GTIs [s]
ontime8	58178.0	Sum of GTIs [s]
ontime9	58178.0	Sum of GTIs [s]
l2events	634940	Number of level 2 events

