

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 10223 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 29 2012

See axaff10223N003_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	105.15731671005

Comments

Roll preference not precisely met. Request was for 120 degrees +/- 5 degrees. Observed roll angle is 114.04 degrees. =====
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=4067.17, y=4076.58 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	10223	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	213.2820625109	Nominal RA [deg]
dec_nom	-65.342972548514	Nominal Dec [deg]
roll_nom	114.14790123544	Nominal Roll [deg]
revision	3	Processing version of data
ontime	105157.31671005	Sum of GTIs [s]
livetime	102933.94352981	Livetime [s]
ontime5	105159.25772011	Sum of GTIs [s]
ontime6	105151.49376965	Sum of GTIs [s]
ontime7	105157.31671005	Sum of GTIs [s]
ontime8	105149.55279928	Sum of GTIs [s]
ontime9	105153.43464005	Sum of GTIs [s]
l2events	1080267	Number of level 2 events

