

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 10224 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 30 2012

See axaff10224N003_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	78.682

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=4073.17 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	10224	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	213.28292798749	Nominal RA [deg]
dec_nom	-65.34250578966	Nominal Dec [deg]
roll_nom	107.14868625658	Nominal Roll [deg]
revision	3	Processing version of data
ontime	78682.0	Sum of GTIs [s]
livetime	77099.909849881	Livetime [s]
ontime4	78673.836019099	Sum of GTIs [s]
ontime5	78682.0	Sum of GTIs [s]
ontime6	78682.0	Sum of GTIs [s]
ontime7	78682.0	Sum of GTIs [s]
ontime8	78671.795008838	Sum of GTIs [s]
ontime9	78679.959009767	Sum of GTIs [s]
l2events	832275	Number of level 2 events

