

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 1560 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 11 2012

See axaff01560N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.10.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	85.84

Comments

Standard software processing technique using the tool `tgdetect` failed to determine an accurate position for the zeroth order for this observation. The source is extended and asymmetric. The zeroth order position was selected to correspond to the zeroth order position used in the TGCat version, and is the position of brightest X-ray emission (sky coordinates $x=4245.03$, $y=4154.02$). For grating analysis of localized X-ray emission within the extended emission, the investigator will need to extract one or more dispersed spectra using user-defined zeroth order positions for all positions of interest.

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A high radiation environment resulted in an elevated count rate during the first approximately 20 ksec of the observation.

seq_num	600117	Sequence number
obs_id	1560	Observation id
title	HETG OBSERVATIONS OF THE CENTRAL CLUSTER ELLIPTICAL NGC4696	Propos
observer	Prof Claude Canizares	Principal investigator
object	NGC4696	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	192.205833	Observer's specified target RA [deg]
dec_targ	-41.31125	Observer's specified target Dec [deg]
ra_nom	192.2310288538	Nominal RA [deg]
dec_nom	-41.32008508771	Nominal Dec [deg]
roll_nom	339.87325944112	Nominal Roll [deg]
revision	3	Processing version of data
ontime	85839.220596388	Sum of GTIs [s]
livetime	84752.272699023	Livetime [s]
ontime4	85819.815844923	Sum of GTIs [s]
ontime5	85839.179556385	Sum of GTIs [s]
ontime6	85835.897536129	Sum of GTIs [s]
ontime7	85839.220596388	Sum of GTIs [s]
ontime8	85835.856516123	Sum of GTIs [s]
ontime9	85829.333525643	Sum of GTIs [s]
l2events	1973734	Number of level 2 events

