

# V&V Summary Report

## L2 ASCDS Version : 8.4.3

Observation 12444 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Feb 9 2012

See axaff12444N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2012.02.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	102

## Comments

Charge time is based on approved exposure time and longest 'ontime' among the active CCDs. The source is bright and telemetry saturation is expected. Chips have varying ONTIME due to telemetry saturation and dropped exposures.=== Gain and CTI correction are not well calibrated in CC-mode. Default order sorting can clip some regions, particularly in high orders. User-specified custom processing parameters may be required in tg\_resolve\_events (osipfile=none, osort\_lo, osort\_hi ~0.3) though this can allow more zeroth order background at short wavelengths.=====

seq_num	401185	Sequence number
obs_id	12444	Observation id
title	Search for absorption edges in superexpansion bursts	Proposal titl
observer	Dr Jean in 't Zand	Principal investigator
object	4U 1820-30	Source name
ra_targ	275.91875	Observer's specified target RA [deg]
dec_targ	-30.361111	Observer's specified target Dec [deg]
ra_nom	275.91791330969	Nominal RA [deg]
dec_nom	-30.383796393317	Nominal Dec [deg]
roll_nom	94.796563098743	Nominal Roll [deg]
revision	2	Processing version of data
ontime	90033.123473287	Sum of GTIs [s]
livetime	89681.431584719	Livetime [s]
ontime5	101994.0	Sum of GTIs [s]
ontime6	59699.88056308	Sum of GTIs [s]
ontime7	90033.123473287	Sum of GTIs [s]
ontime8	73983.673865974	Sum of GTIs [s]
l2events	13205148	Number of level 2 events

