

V&V Summary Report

L2 ASCDS Version : 7.6.11.1

Observation 2093 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Oct 25 2007

See axaff02093N003_VV001_vvref2.pdf for the full report

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2007.11.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	168.2

Comments

Bias values of limited regions appear to be anomalously low for a some nodes of two chips, S2 and S5. In the final data products they result in higher brightness regions or de-dithered hot pixels. The cause of this anomaly seems to be due to cosmic ray blooms which affect many pixels. The spurious events all have low pulse height and do not affect the grating spectrum, since there are both strong spatial and energy discriminants in the grating processing.

Reprocessed with the findzo-determined zero order coordinate of (X = 4171.42, Y=4148.87), since the zero order image is slightly extended and significantly piled.

Time window constraint:

Requested:

Mar 29 2001 12:13PM Apr 2 2001 2:07AM

Actual: 2001-03-31T03:36:27 2001-04-02T02:48:07

which slightly exceeds the requested stop time.

seq_num	700283
obs_id	2093
title	DETERMINING THE NATURE OF THE VARIABLE ABSORPTION IN NGC 3783 WITH CHANDRA/HST
observer	Dr. Ian George
object	NGC 3783
dtcycle	0
cycle	P
ra_targ	174.76
dec_targ	-37.74
ra_nom	174.77005450435
dec_nom	-37.745734551352
roll_nom	334.49562161003
revision	4
ontime	168252.8001567
livetime	166122.28189144
ontime4	168249.55918644
ontime5	168252.8001567
ontime6	168252.8001567
ontime7	168252.8001567
ontime8	168249.55929606
ontime9	168249.55915652
l2events	2037495

