

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 62820 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 23 2012

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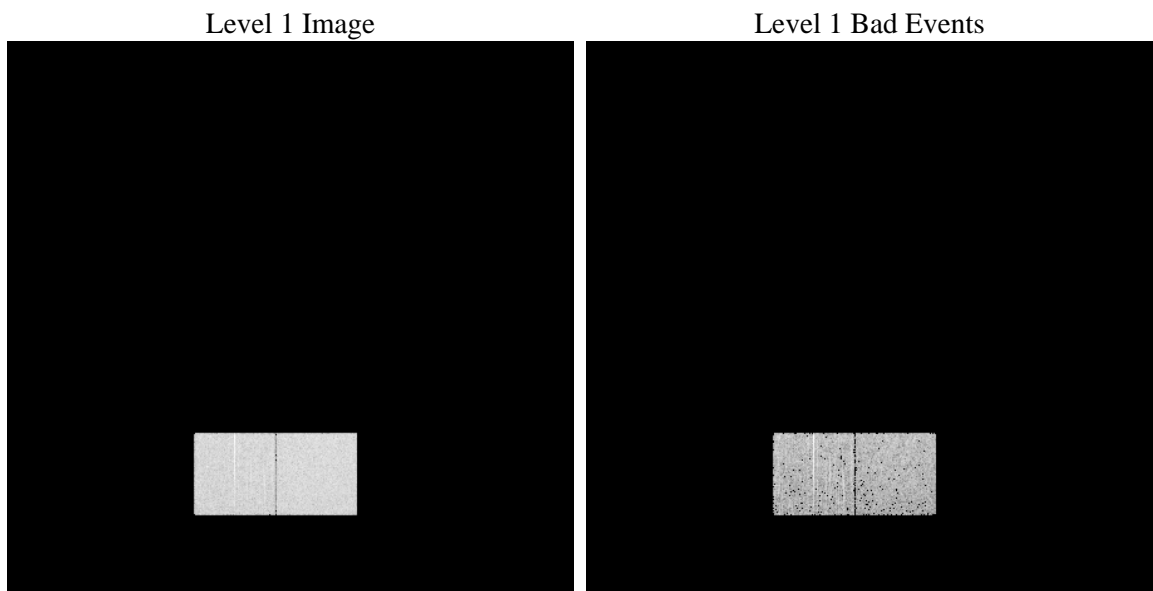
1 Front

seq_num	 	Sequence number
obs_id	62820	Observation id
title	ACIS-67 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	331.99075790656	Nominal RA [deg]
dec_nom	18.972728646095	Nominal Dec [deg]
roll_nom	219.19921618126	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2684.7999900579	Sum of GTIs [s]
livetime	2650.8034359914	Livetime [s]
ontime6	2684.7999900579	Sum of GTIs [s]
ontime7	2684.7999900579	Sum of GTIs [s]
l2events	103481	Number of level 2 events

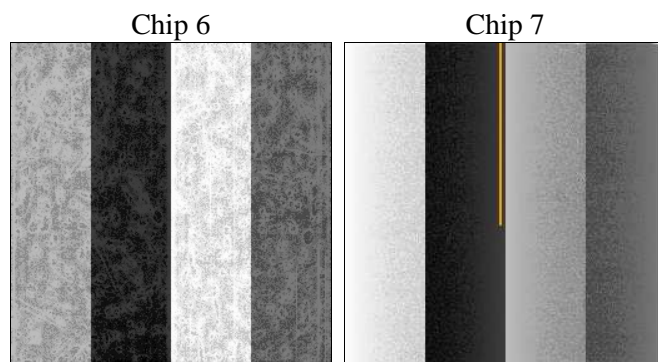
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	2684.7999900579	Sum of GTIs [s]
caldbver	4.4.9	 	ontime6	2684.7999900579	Sum of GTIs [s]
date	2012-04-23T19:25:35	Date and time of file creation	ontime7	2684.7999900579	Sum of GTIs [s]
revision	2	Processing version of data	l1events	151598	Number of level 1 events

2.1.4 Events

	ccd 6	ccd 7
level 1 events	73605	77993
rejected events	24268	20790
rejected %	32%	26%

	ccd 6	ccd 7
grade 0 events	27206	12997
	36%	16%
grade 1 events	165	56
	0%	0%
grade 2 events	8901	12900
	12%	16%
grade 3 events	3261	5844
	4%	7%
grade 4 events	3241	5763
	4%	7%
grade 5 events	1383	3362
	1%	4%
grade 6 events	8358	21555
	11%	27%
grade 7 events	21090	15516
	28%	19%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-67	ACIS-67
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	331.990757906559
[deg] Pointing Dec	0	18.97272864609532
[deg] Pointing Roll	0.0	219.1992161812584
[mm] SIM focus pos	-0.684267	-1.526339935833849
[mm] SIM defocus	0	0.006996703570447904
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	274435097.203772	274435096.17879
Observation start date	2006-09-12T07:58:17	2006-09-12T07:58:16
[s] Observation end time (MET)	274439076.253959	274439075.22898
Observation end date	2006-09-12T09:04:36	2006-09-12T09:04:35
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.04.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.6847999900579

A.2 Comments

Wrong ACIS parameter block sent up to spacecraft for this observation. For this processing, the parameter block file was manually modified to have correct parameters for the observation.