

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59193 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 22 2012

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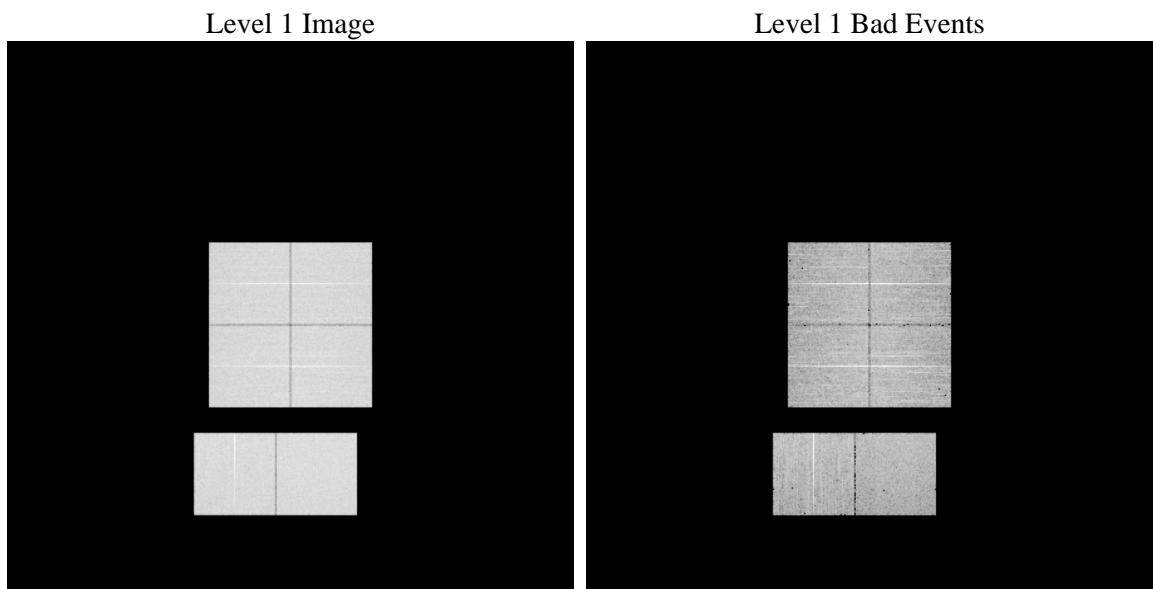
1 Front

seq_num	 	Sequence number
obs_id	59193	Observation id
title	ACIS-012367 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	83.527892796675	Nominal RA [deg]
dec_nom	1.9934873600927	Nominal Dec [deg]
roll_nom	314.04863079018	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7803.4291626513	Sum of GTIs [s]
livetime	7704.6174439329	Livetime [s]
ontime0	7803.388122648	Sum of GTIs [s]
ontime1	7803.3470826447	Sum of GTIs [s]
ontime2	7803.3060426414	Sum of GTIs [s]
ontime3	7803.4702026546	Sum of GTIs [s]
ontime6	7803.2650026679	Sum of GTIs [s]
ontime7	7803.4291626513	Sum of GTIs [s]
l2events	954095	Number of level 2 events

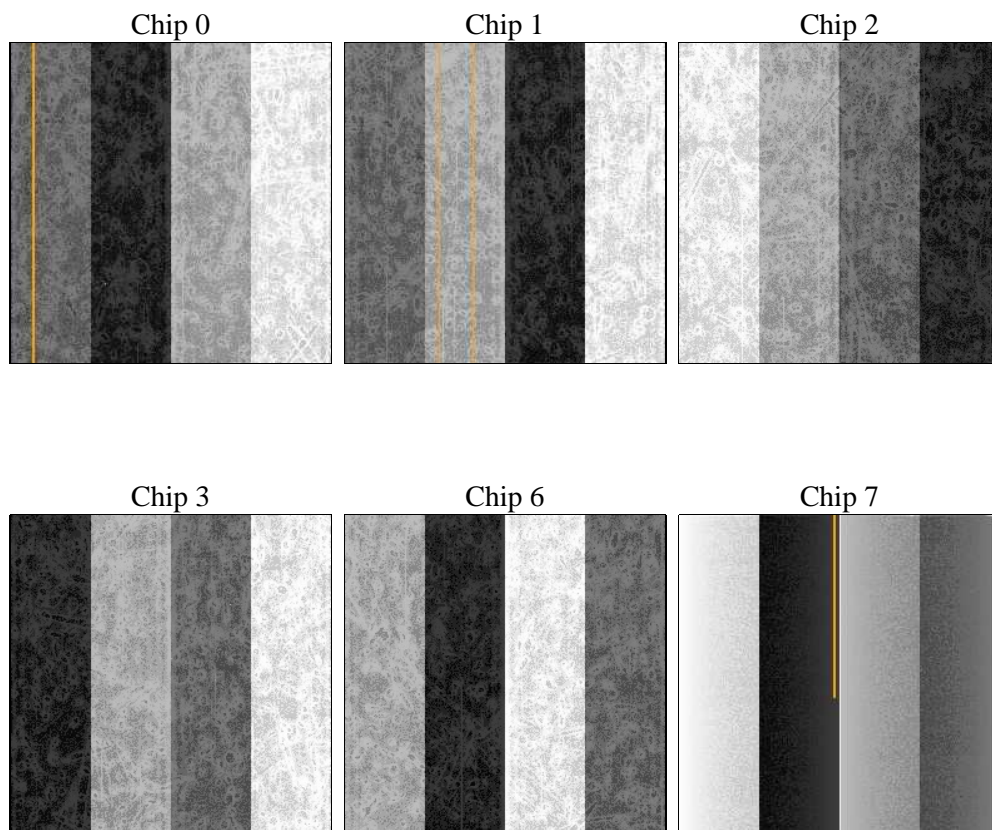
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	7803.4291626513	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	7803.388122648	Sum of GTIs [s]
date	2012-03-22T03:04:30	Date and time of file creation	ontime1	7803.3470826447	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	7803.3060426414	Sum of GTIs [s]
			ontime3	7803.4702026546	Sum of GTIs [s]
			ontime6	7803.2650026679	Sum of GTIs [s]
			ontime7	7803.4291626513	Sum of GTIs [s]
			l1events	1358076	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	217063	218478	224001	227561	230806	240167	grade 0 events	87678	87210	90091	91042	91286	43583
rejected events	56916	57758	61755	64194	61659	51669		40%	39%	40%	40%	39%	18%
rejected %	26%	26%	27%	28%	26%	21%	grade 1 events	510	465	621	608	470	144
								0%	0%	0%	0%	0%	0%
							grade 2 events	28032	28899	27564	28050	29282	41495
								12%	13%	12%	12%	12%	17%
							grade 3 events	10482	10148	10778	10654	10668	18478
								4%	4%	4%	4%	4%	7%
							grade 4 events	10317	10509	10797	10949	10735	18843
								4%	4%	4%	4%	4%	7%
							grade 5 events	3353	3530	3285	3942	3755	8901
								1%	1%	1%	1%	1%	3%
							grade 6 events	23638	23954	23016	22672	27176	66099
								10%	10%	10%	9%	11%	27%
							grade 7 events	53053	53763	57849	59644	57434	42624
								24%	24%	25%	26%	24%	17%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	83.52789279667468	Alternating exposures requested	N	N
[deg] Pointing Dec	0	1.993487360092739	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	314.0486307901762			
[mm] SIM focus pos	-0.782348	-1.526339935833849			
[mm] SIM defocus	0	0.006996703570447904			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	252901707.598868	252901706.57387			
Observation start date	2006-01-06T02:28:28	2006-01-06T02:28:26			
[s] Observation end time (MET)	252915930.499527	252915929.47453			
Observation end date	2006-01-06T06:25:30	2006-01-06T06:25:29			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.03.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8034291626513

A.2 Comments