

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 59185 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Mar 22 2012

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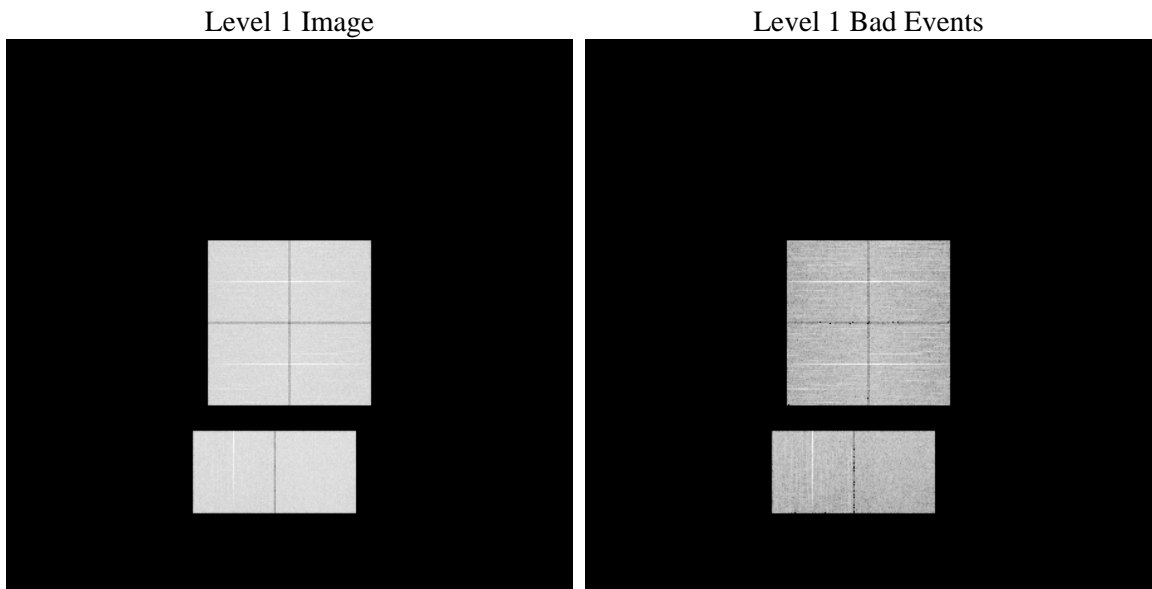
1 Front

seq_num	 	Sequence number
obs_id	59185	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	118.96775243532	Nominal RA [deg]
dec_nom	-36.17548096635	Nominal Dec [deg]
roll_nom	10.060479356551	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7993.5999702215	Sum of GTIs [s]
livetime	7892.3801942305	Livetime [s]
ontime0	7990.3589999378	Sum of GTIs [s]
ontime1	7993.5999702215	Sum of GTIs [s]
ontime2	7993.5999702215	Sum of GTIs [s]
ontime3	7990.3590099216	Sum of GTIs [s]
ontime6	7993.5999702215	Sum of GTIs [s]
ontime7	7993.5999702215	Sum of GTIs [s]
l2events	968158	Number of level 2 events

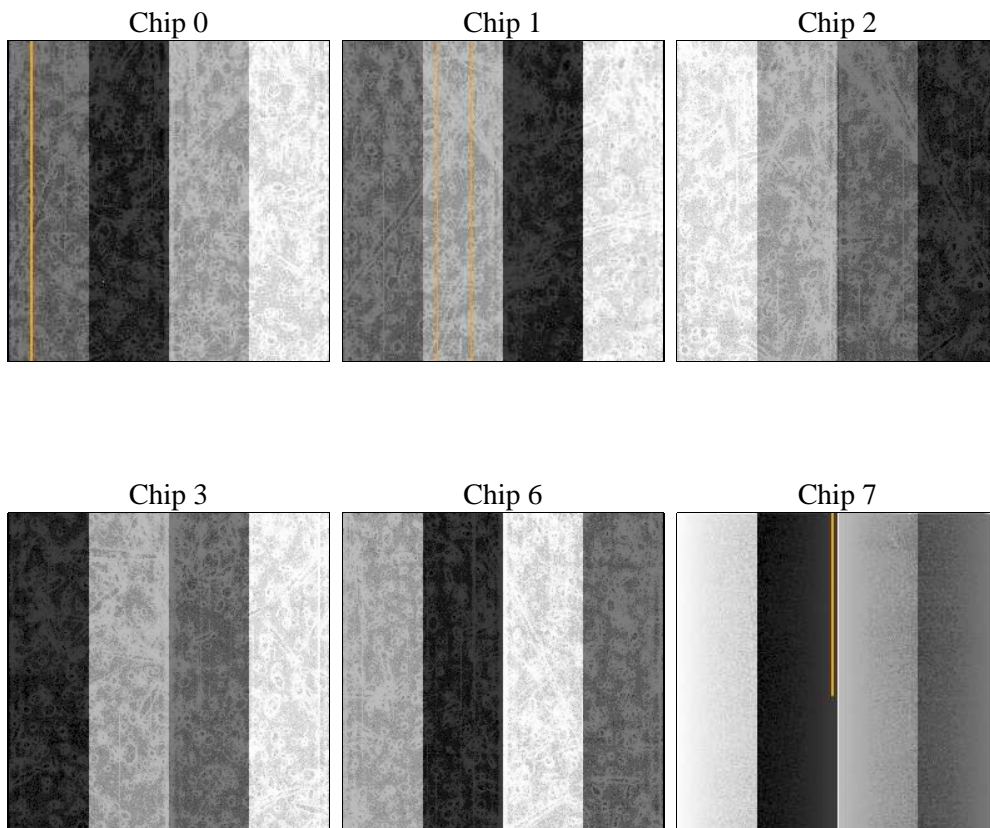
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	5400	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	7993.5999702215	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	7990.3589999378	Sum of GTIs [s]
date	2012-03-22T04:48:39	Date and time of file creation	ontime1	7993.5999702215	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	7993.5999702215	Sum of GTIs [s]
			ontime3	7990.3590099216	Sum of GTIs [s]
			ontime6	7993.5999702215	Sum of GTIs [s]
			ontime7	7993.5999702215	Sum of GTIs [s]
			l1events	1431807	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	231565	231917	236273	236528	242408	253116	grade 0 events	92348	92199	94999	94724	95675	45053
rejected events	68339	68060	70948	72171	71309	61965		39%	39%	40%	40%	39%	17%
rejected %	29%	29%	30%	30%	29%	24%	grade 1 events	599	498	658	670	516	167
								0%	0%	0%	0%	0%	0%
							grade 2 events	30000	30319	28974	28834	30652	43229
								12%	13%	12%	12%	12%	17%
							grade 3 events	11231	11033	11301	11381	11285	19810
								4%	4%	4%	4%	4%	7%
							grade 4 events	10873	10876	11351	11530	11173	19495
								4%	4%	4%	4%	4%	7%
							grade 5 events	3756	3773	3458	4091	3995	9434
								1%	1%	1%	1%	1%	3%
							grade 6 events	24565	25261	24491	23722	28405	70461
								10%	10%	10%	10%	11%	27%
							grade 7 events	58193	57958	61041	61576	60707	45467
								25%	24%	25%	26%	25%	17%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	118.9681372768505	118.9677524353154
[deg] Pointing Dec	-36.17832396284436	-36.17548096634955
[deg] Pointing Roll	10.06066467348394	10.0604793565507
[mm] SIM focus pos	-1.5263399358	-1.5263399358
[mm] SIM defocus	0.006996627355743357	0.006996627355743357
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	253174681.511512	253174681.511512
Observation start date	2006-01-09T06:46:00	2006-01-09T06:18:01
[s] Observation end time (MET)	253189183.883534	253189183.883534
Observation end date	2006-01-09T08:16:00	2006-01-09T10:19:43
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.03.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.9935999702215

A.2 Comments