

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56364 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 23 2012

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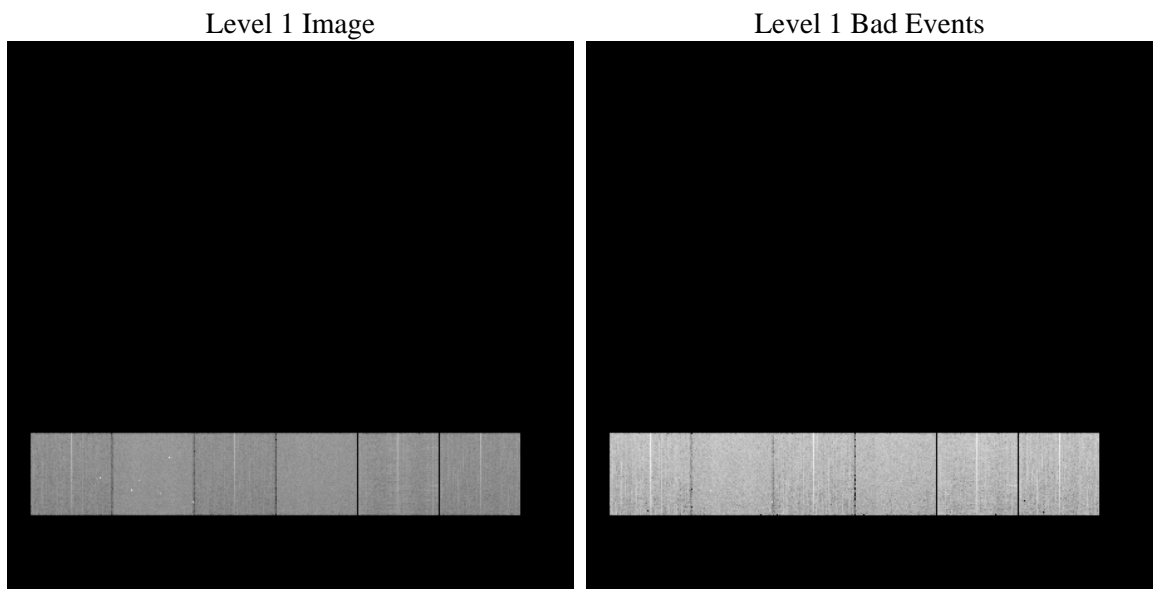
1 Front

seq_num	 	Sequence number
obs_id	56364	Observation id
title	ACIS-456789 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	177.03151253821	Nominal RA [deg]
dec_nom	-25.99522752744	Nominal Dec [deg]
roll_nom	336.72163176786	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8275.1999692321	Sum of GTIs [s]
livetime	8170.4144044945	Livetime [s]
ontime4	8275.1999692321	Sum of GTIs [s]
ontime5	8275.1999692321	Sum of GTIs [s]
ontime6	8275.1999692321	Sum of GTIs [s]
ontime7	8275.1999692321	Sum of GTIs [s]
ontime8	8275.1999692321	Sum of GTIs [s]
ontime9	8275.1999692321	Sum of GTIs [s]
l2events	443919	Number of level 2 events

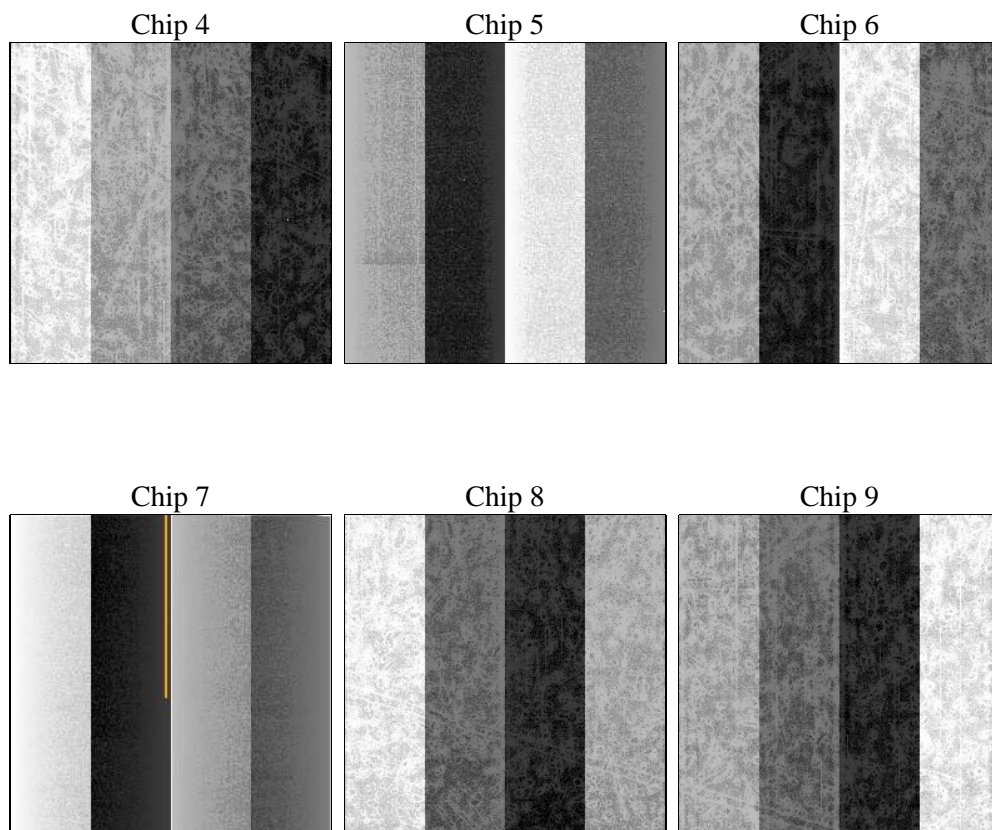
2 OBI

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	8.4.5	Processing system revision	ontime	8275.1999692321	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	8275.1999692321	Sum of GTIs [s]
date	2012-06-23T08:32:20	Date and time of file creation	ontime5	8275.1999692321	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8275.1999692321	Sum of GTIs [s]
			ontime7	8275.1999692321	Sum of GTIs [s]
			ontime8	8275.1999692321	Sum of GTIs [s]
			ontime9	8275.1999692321	Sum of GTIs [s]
			l1events	929007	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	142244	177372	138988	169723	160142	140538	grade 0 events	37542	15655	35071	17892	39617	34805
rejected events	76454	72140	71526	68482	78516	74900		26%	8%	25%	10%	24%	24%
rejected %	53%	40%	51%	40%	49%	53%	grade 1 events	372	346	201	171	275	279
								0%	0%	0%	0%	0%	0%
							grade 2 events	10541	36760	12292	22137	15409	11440
								7%	20%	8%	13%	9%	8%
							grade 3 events	4607	4674	4437	9256	6134	4449
								3%	2%	3%	5%	3%	3%
							grade 4 events	4402	4627	4407	9228	5846	4441
								3%	2%	3%	5%	3%	3%
							grade 5 events	4013	9525	4239	10976	5636	4660
								2%	5%	3%	6%	3%	3%
							grade 6 events	8728	43557	11280	42774	14646	10522
								6%	24%	8%	25%	9%	7%
							grade 7 events	72039	62228	67061	57289	72579	69942
								50%	35%	48%	33%	45%	49%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	177.0315125382087	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-25.99522752744024	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	336.7216317678567	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	386144175.476894	386144174.45189			
Observation start date	2010-03-28T06:16:15	2010-03-28T06:16:14			
[s] Observation end time (MET)	386154175.377402	386154174.3524			
Observation end date	2010-03-28T09:02:55	2010-03-28T09:02:54			
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)	2012.06.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2751999692321

A.2 Comments